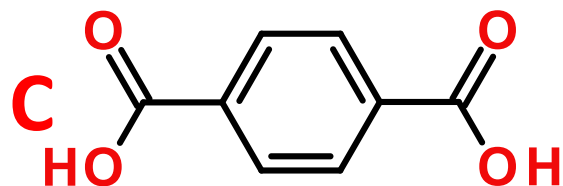
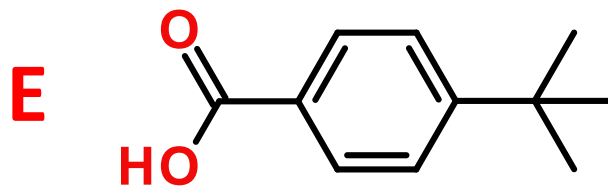
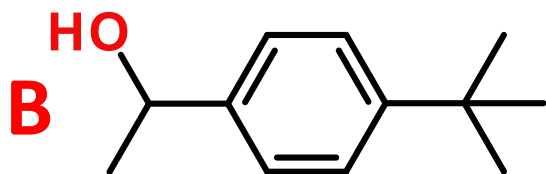
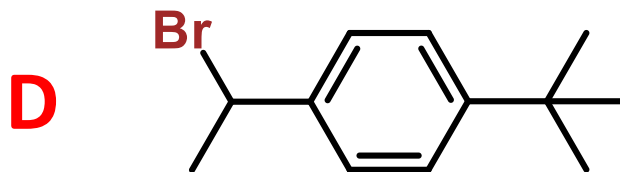
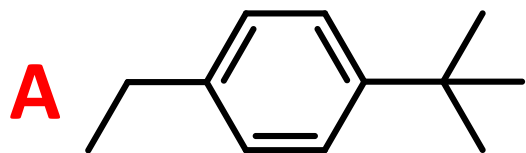
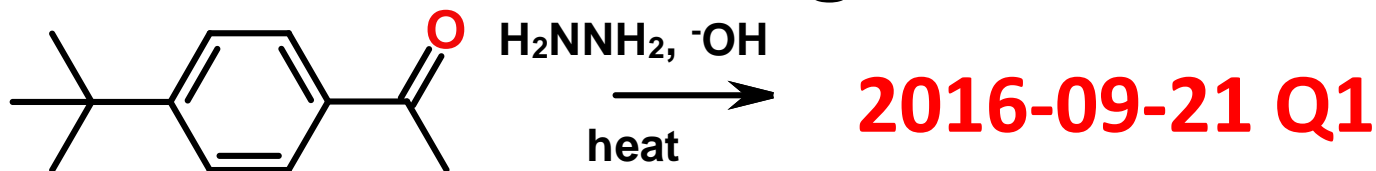
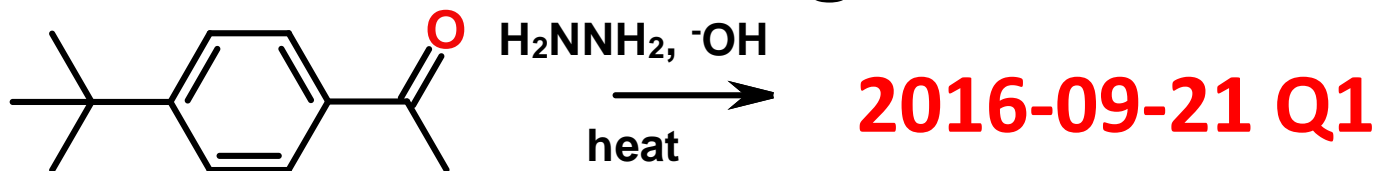


Give the major organic product(s) of the following reaction.

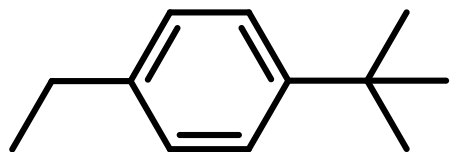


**F** There is no reaction or the correct product is not listed here.

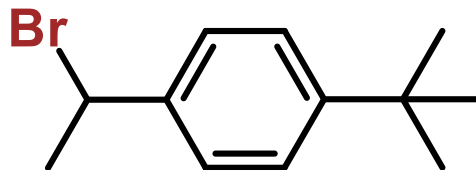
Give the major organic product(s) of the following reaction.



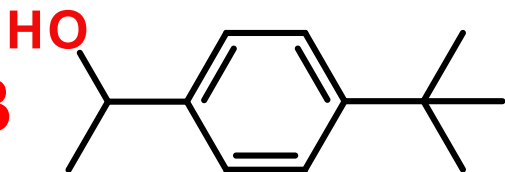
**A**



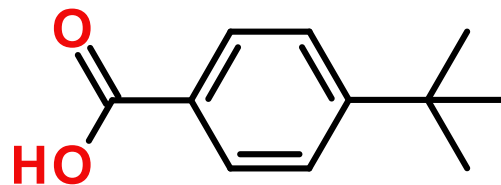
**D**



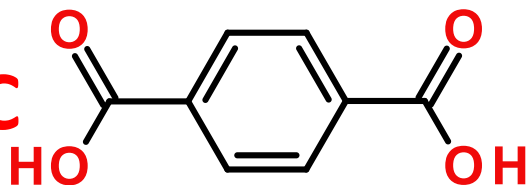
**B**



**E**



**C**



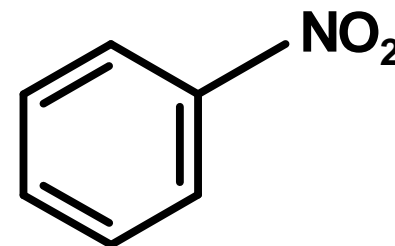
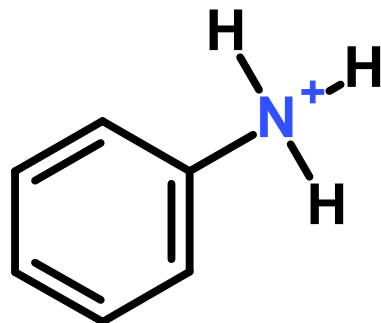
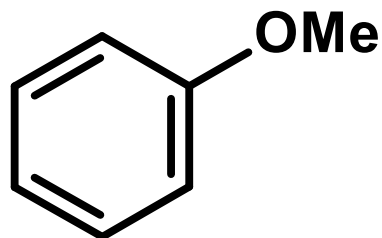
**F** There is no reaction or the correct product is not listed here.

# Exam 1

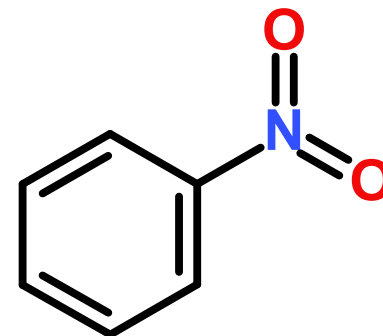
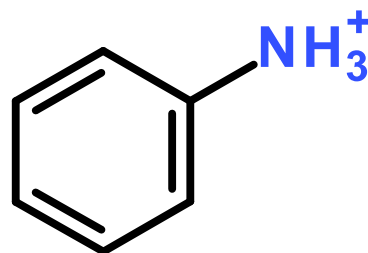
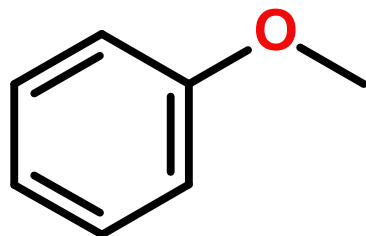
- **Time:**
  - Tuesday, September 20: 7:00 – 9:00PM OR
  - Wednesday, September 21: 7:00 – 9:00PM OR
  - Thursday, September 22: 7:00 – 10:00PM
- **Location – Soc/Anthro Testing Center**
  - Chapters will be covered in this order: Chapter 11, 14, 15, 19, 13
- **Practice Exams are Posted**
  - B7-19-98A Practice Exam 1A
  - B7-19-98B Practice Exam 1B
- **Deadline for alternate arrangements is Monday, 9/19/2016 at 4:30 PM (i.e., close of business)**
  - An oral make-up exam will be required for making up the exam for all students not taking the exam on the above dates or having already made prior arrangements

# Lecture Materials

- All materials for Exam 1 have been covered.
- Homework deadlines for Exam 2 will start after Exam 1 is finished
- Hints for doing well on Exam 1 follow this slide



**Technically correct, but graded incorrect by the computer**

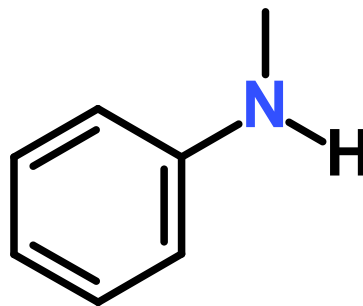


Hints for the Exam!

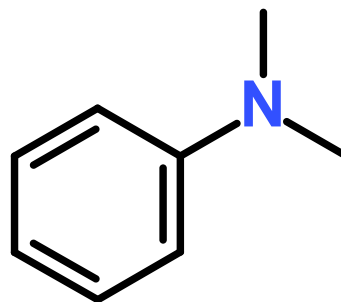
**Correct!**

**DON'T USE THE X-BUTTON!**

**Technically correct,  
but graded incorrect  
by the computer**



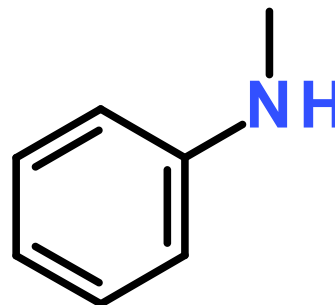
**Incorrect!**



Hints for the Exam!

**DON'T USE THE X-BUTTON!**

**Correct!**



# Exam 2

- **Time:**
  - Tuesday, October 18: 7:00 – 9:00PM OR
  - Wednesday, October 19: 7:00 – 9:00PM OR
  - Thursday, October 20: 7:00 – 10:00PM
- **Location – Soc/Anthro Testing Center**
  - Chapters will be covered in this order: Chapter 19, 12
- **Practice Exams are Posted**
  - Ex2-14-98 Practice Exam 2A
  - Ex2-14-98 Practice Exam 2B
- **Deadline for alternate arrangements is Monday, 10/17/2016 at 4:30 PM (i.e., close of business)**
  - An oral make-up exam will be required for making up the exam for all students not taking the exam on the above dates or having already made prior arrangements

# Order of Coverage (Exam 2)

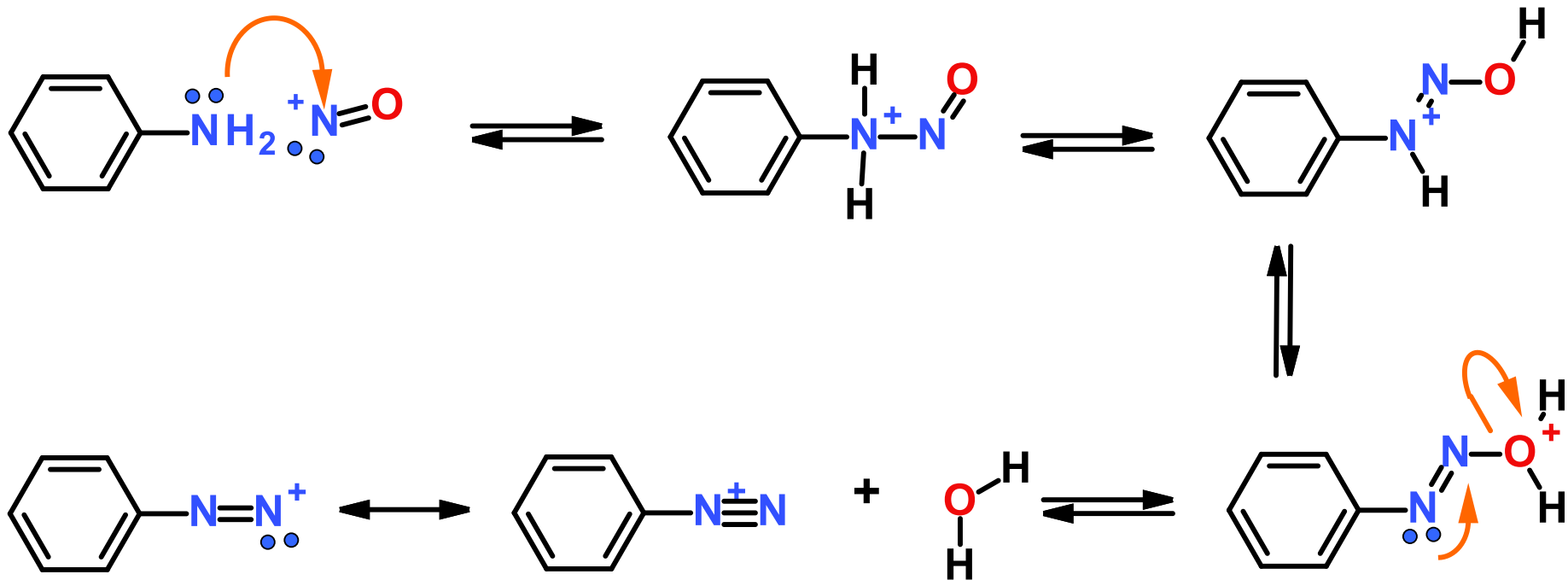
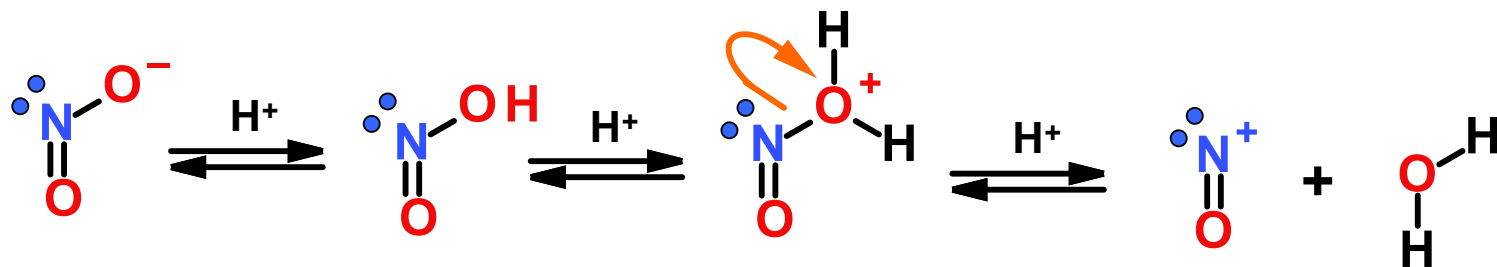
	Homework Assignment	Due Date
1	Ex2-01-B7-19-08A Aryl Side Chain Rxns	Saturday, September 24, 2016
2	Ex2-01-B7-19-08B Aryl Side Chain Rxns	Sunday, September 25, 2016
3	Ex2-02-B7-19-09A Arylamines	Monday, September 26, 2016
4	Ex2-02-B7-19-09B Arylamines	Tuesday, September 27, 2016
5	Ex2-03-B7-12-01A Grignard Rxns	Wednesday, September 28, 2016
6	Ex2-03-B7-12-01B Grignard Rxns	Thursday, September 29, 2016
7	Ex2-04-B7-12-02A Hydride Reductions	Friday, September 30, 2016
8	Ex2-04-B7-12-02B Hydride Reductions	Saturday, October 1, 2016
9	Ex2-05-B7-12-01A Naming Carboxylic Acids	Sunday, October 2, 2016
10	Ex2-05-B7-12-01B Naming Carboxylic Acids	Monday, October 3, 2016
11	Ex2-06-B7-12-02A Prep Carbox Acids	Tuesday, October 4, 2016
12	Ex2-06-B7-12-02B Prep Carbox Acids	Wednesday, October 5, 2016



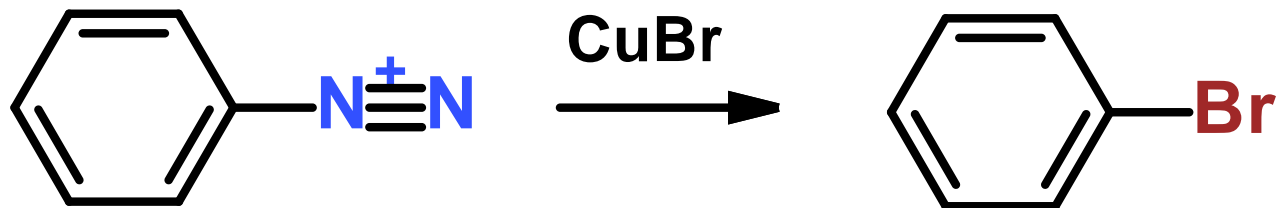
# Order of Coverage (Exam 2)

	Homework Assignment	Due Date
13	Ex2-07-B7-12-03A Carbox Acid Rxns	Thursday, October 6, 2016
14	Ex2-07-B7-12-03B Carbox Acid Rxns	Friday, October 7, 2016
15	Ex2-08-B7-12-04A Naming Carbox Acid Derivatives	Saturday, October 8, 2016
16	Ex2-08-B7-12-04B Naming Carbox Acid Derivatives	Sunday, October 9, 2016
17	Ex2-09-B7-12-05A Rxns Acid Chlorides	Monday, October 10, 2016
18	Ex2-09-B7-12-05B Rxns Acid Chlorides	Tuesday, October 11, 2016
19	Ex2-10-B7-12-06A Rxns Esters	Wednesday, October 12, 2016
20	Ex2-10-B7-12-06B Rxns Esters	Thursday, October 13, 2016
21	Ex2-11-B7-12-07A Rxns Amides	Friday, October 14, 2016
22	Ex2-11-B7-12-07B Rxns Amides	Saturday, October 15, 2016
23	Ex2-12-B7-12-08A Step Growth Polymers	Sunday, October 16, 2016
	<b>Exam 2</b>	<b>October 18, 19, 20</b>

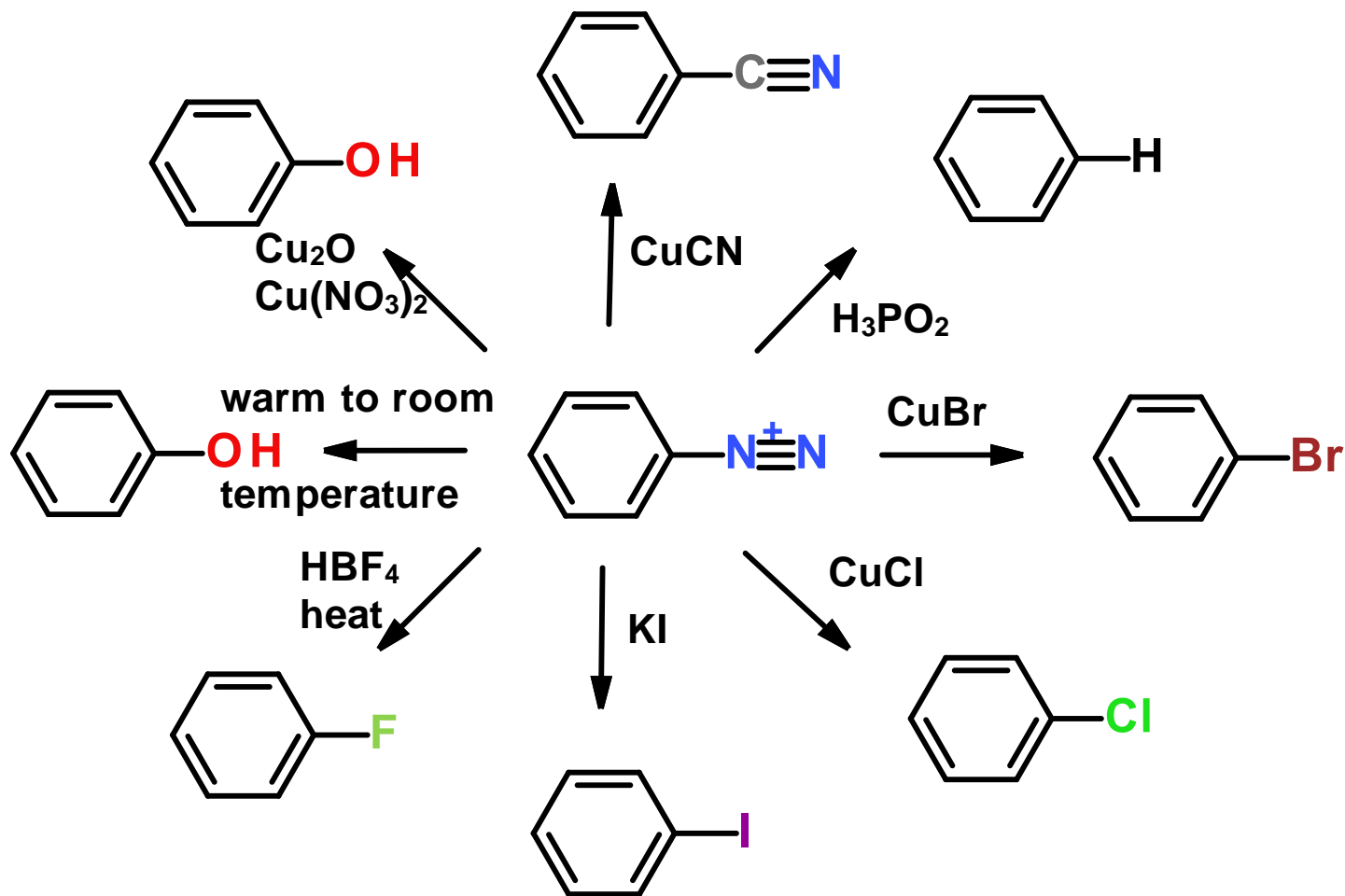
# Diazonium Ion Formation



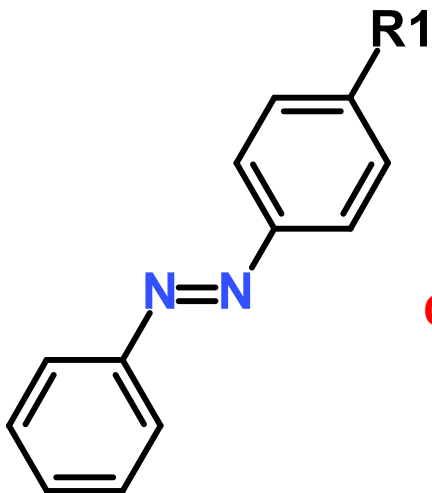
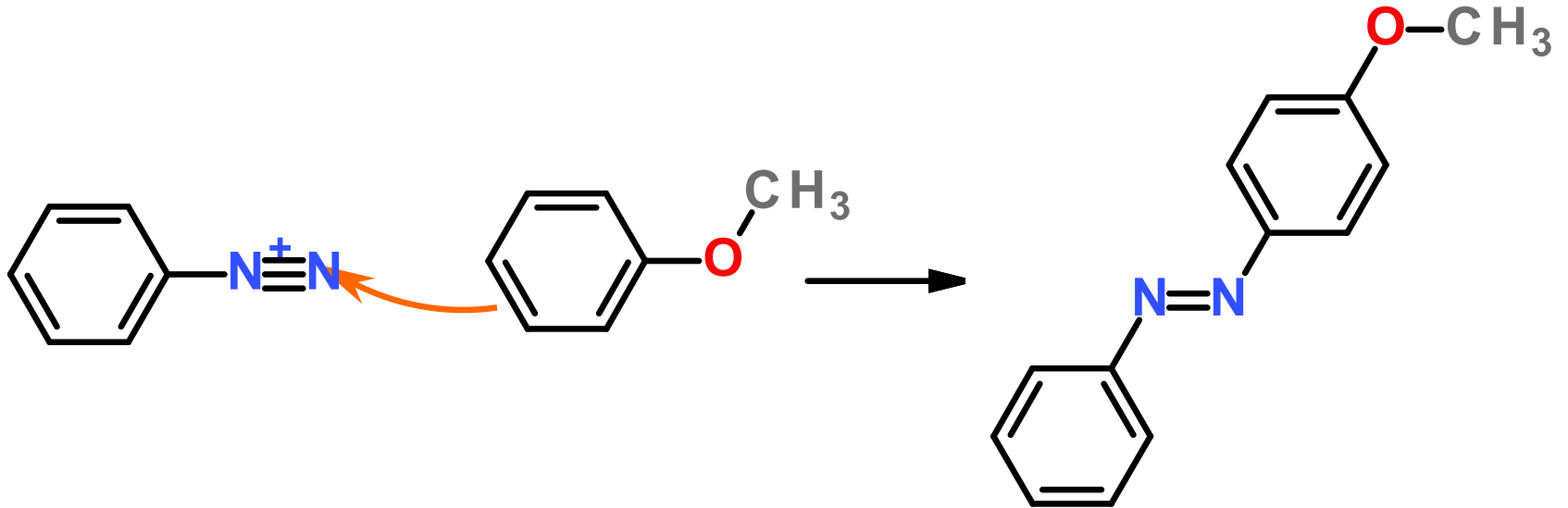
# Diazonium Ion Reactions



# Diazonium Ion Reactions

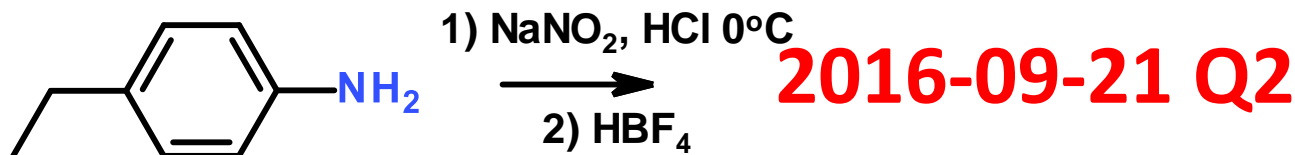


# Dye Formation

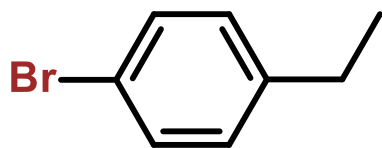


**Color dependent on the nature of the R group**

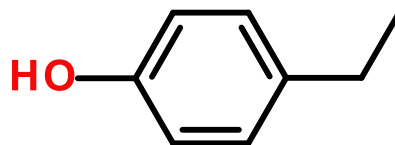
Give the major organic product(s) of the following reaction.



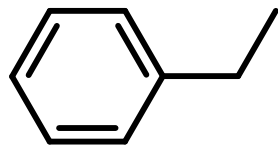
**A**



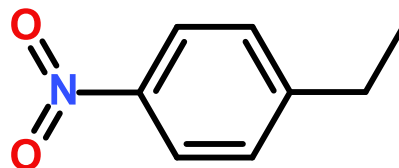
**D**



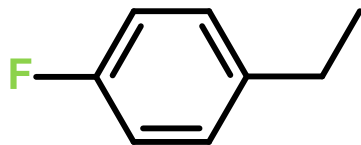
**B**



**E**

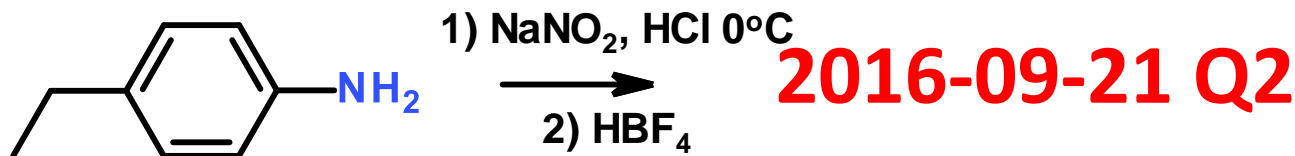


**C**



**F** There is no reaction or the correct product is not listed here.

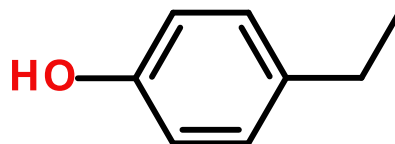
Give the major organic product(s) of the following reaction.



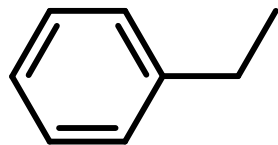
**A**



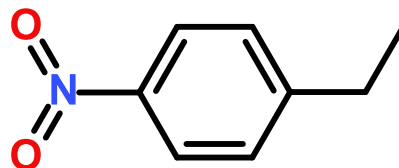
**D**



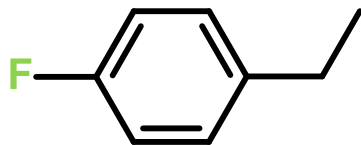
**B**



**E**

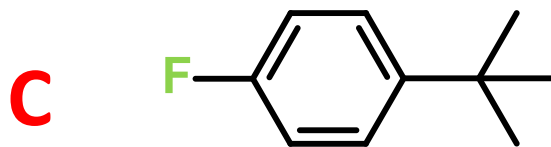
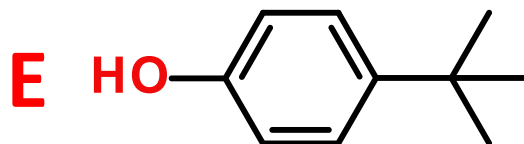
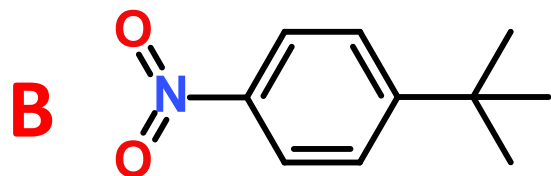
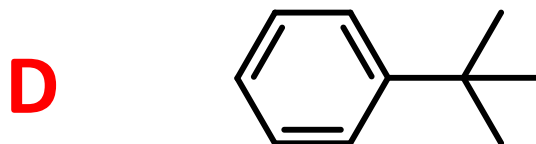
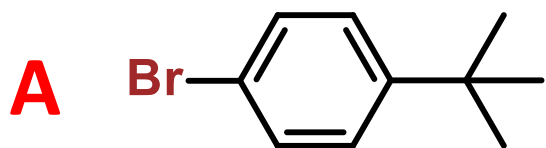
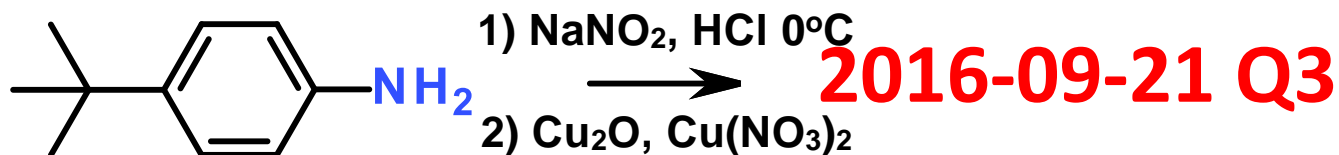


**C**



**F** There is no reaction or the correct product is not listed here.

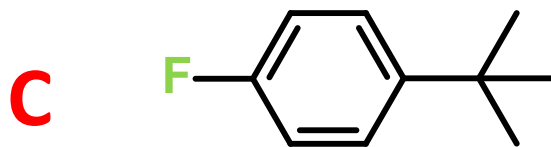
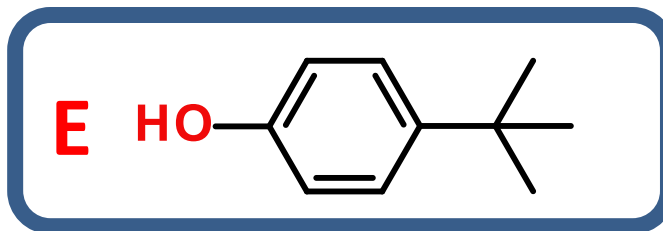
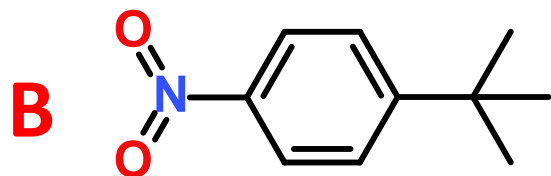
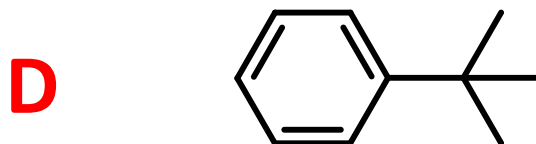
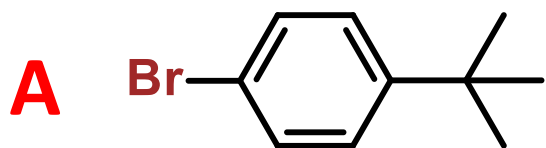
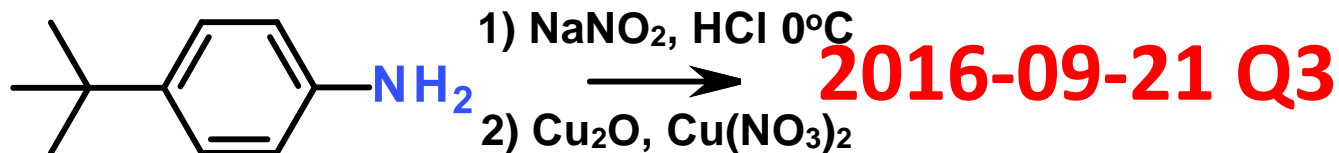
Give the major organic product(s) of the following reaction.



**F** There is no reaction or the correct product is not listed here.

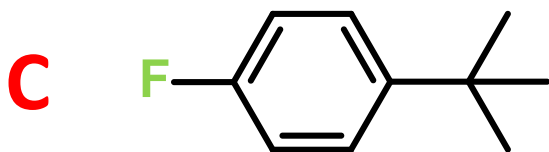
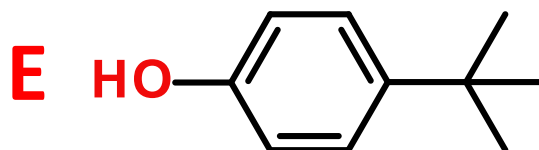
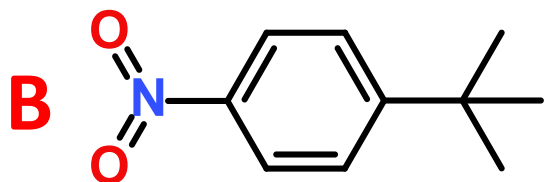
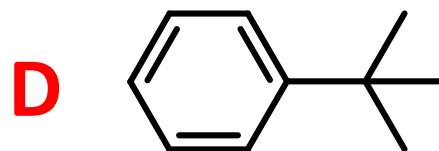
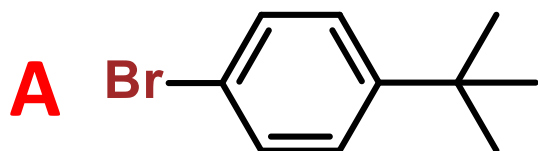
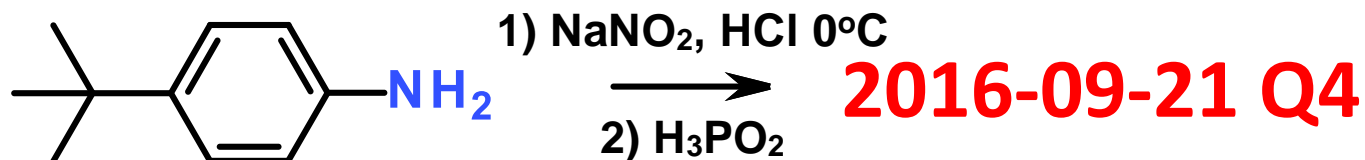


Give the major organic product(s) of the following reaction.



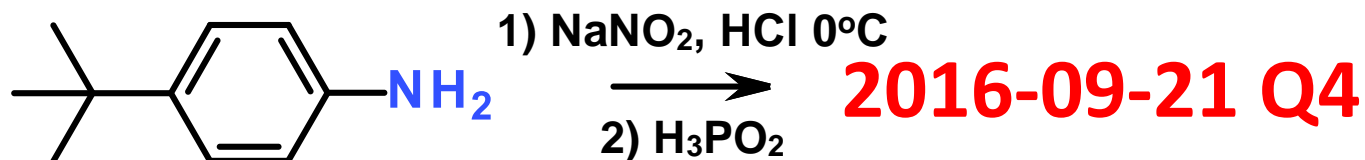
**F** There is no reaction or the correct product is not listed here.

Give the major organic product(s) of the following reaction.

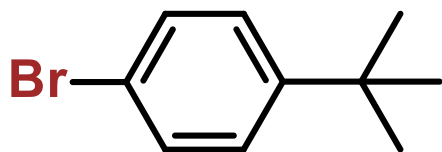


**F** There is no reaction or the correct product is not listed here.

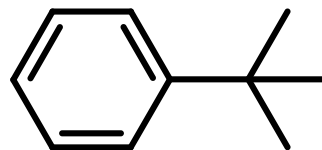
Give the major organic product(s) of the following reaction.



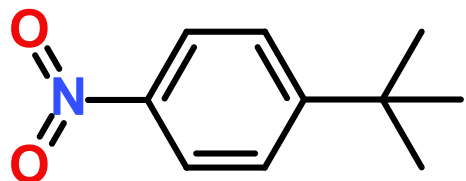
**A**



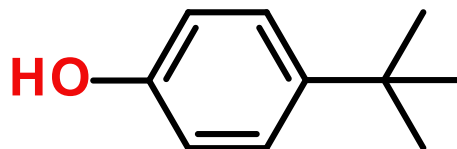
**D**



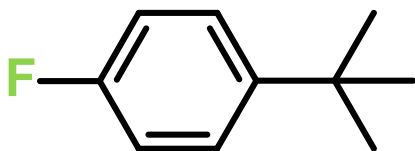
**B**



**E**

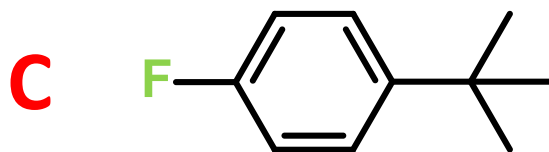
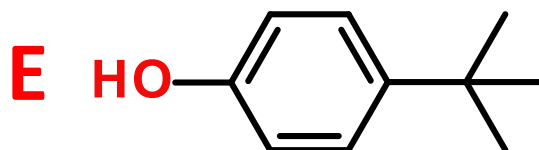
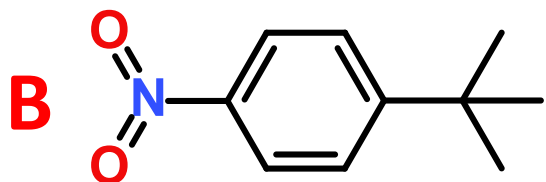
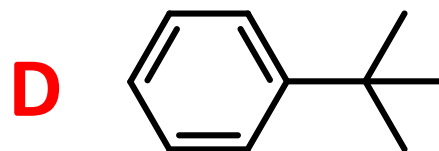
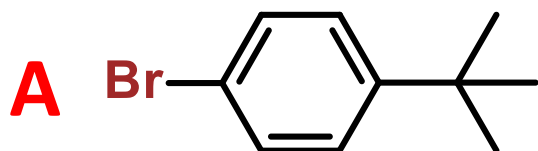
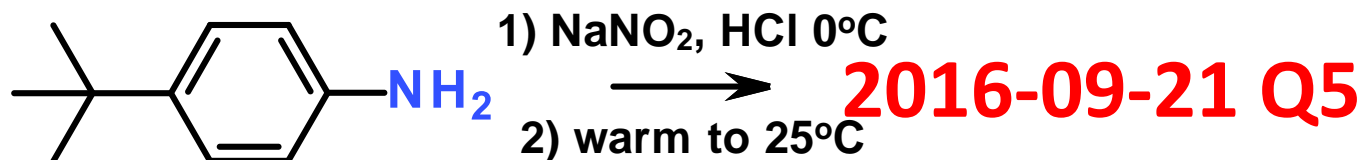


**C**



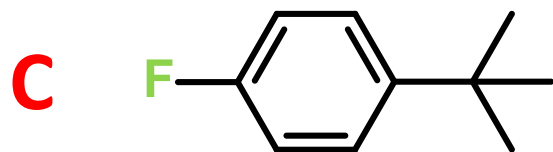
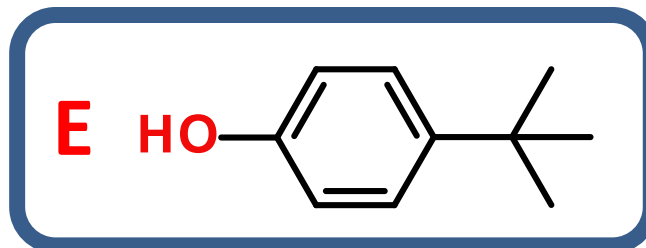
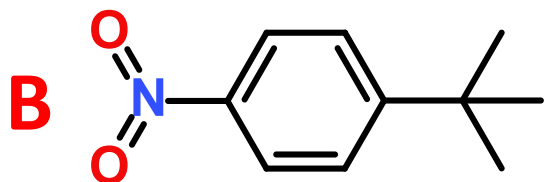
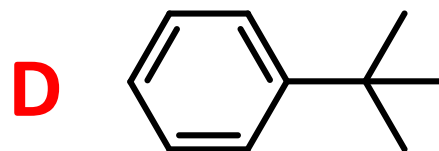
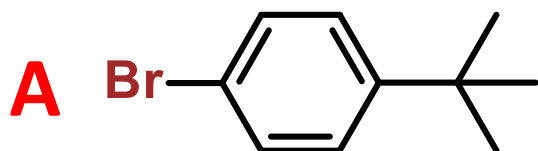
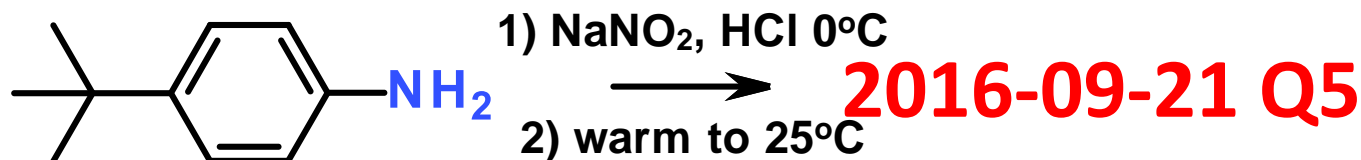
**F** There is no reaction or the correct product is not listed here.

Give the major organic product(s) of the following reaction.



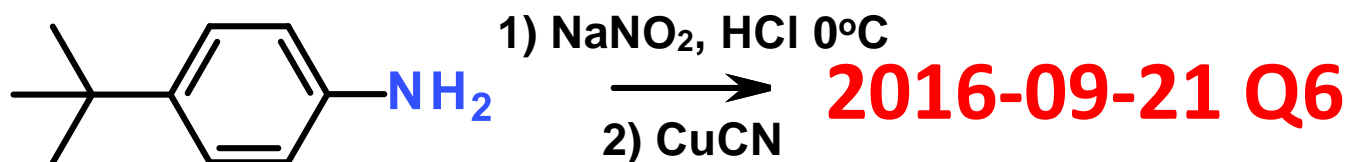
**F** There is no reaction or the correct product is not listed here.

Give the major organic product(s) of the following reaction.

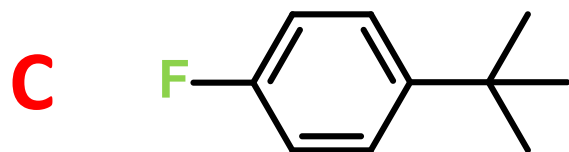
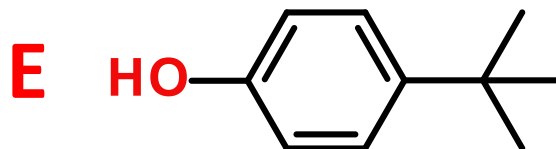
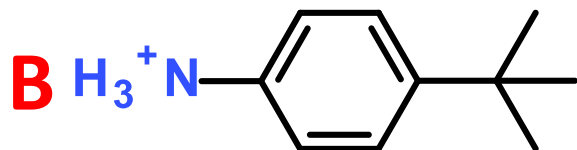
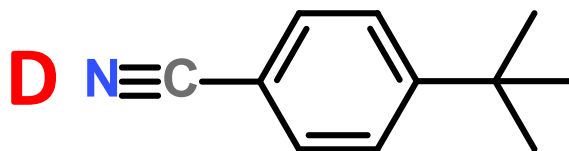
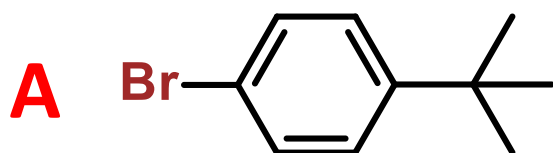


**F** There is no reaction or the correct product is not listed here.

Give the major organic product(s) of the following reaction.

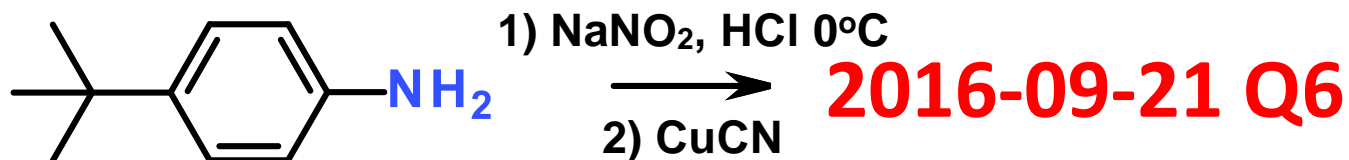


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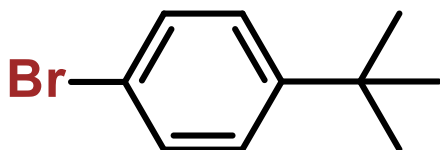


**F** There is no reaction or the correct product is not listed here.

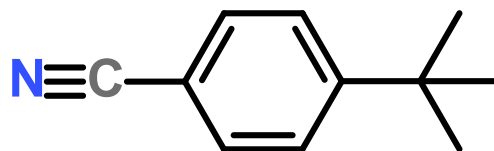
Give the major organic product(s) of the following reaction.



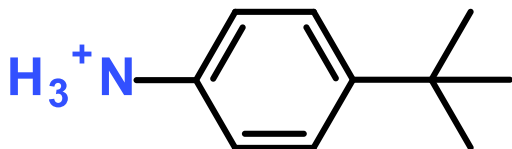
**A**



**D**



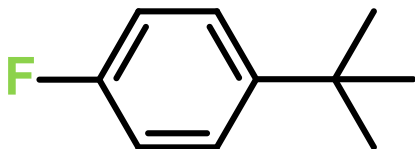
**B**



**E**

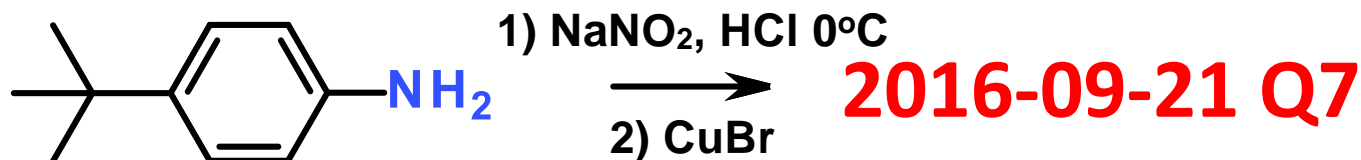


**C**

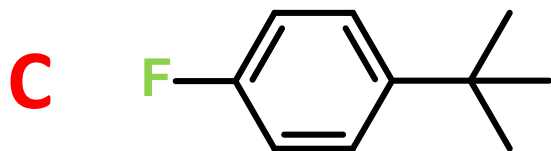
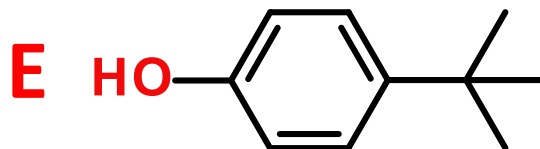
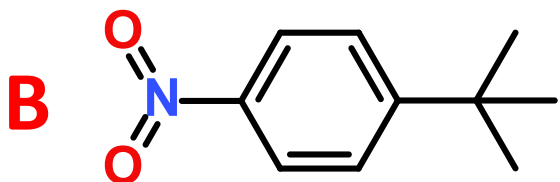
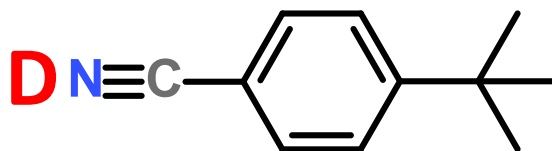
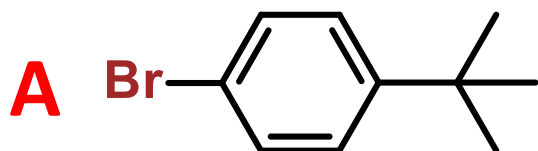


**F** There is no reaction or the correct product is not listed here.

Give the major organic product(s) of the following reaction.



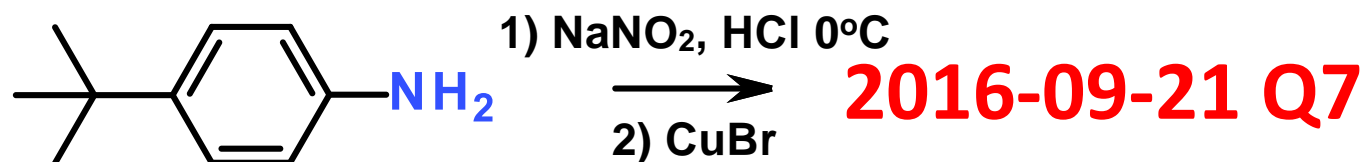
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**F** There is no reaction or the correct product is not listed here.

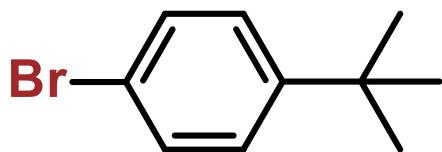


Give the major organic product(s) of the following reaction.

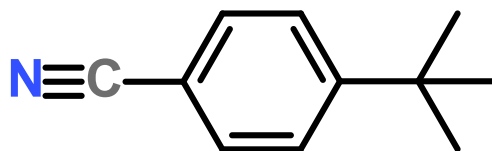


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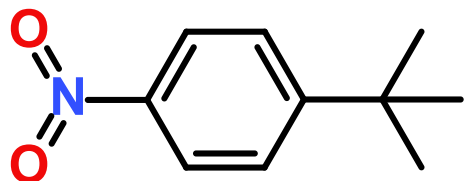
**A**



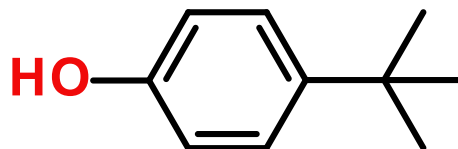
**D**



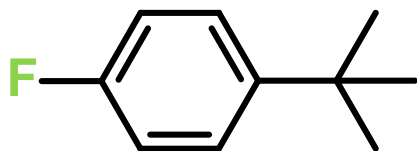
**B**



**E**

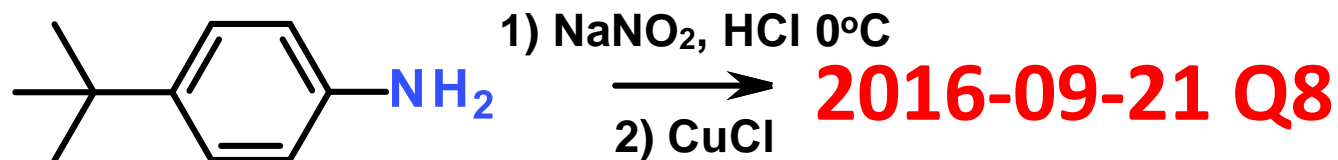


**C**

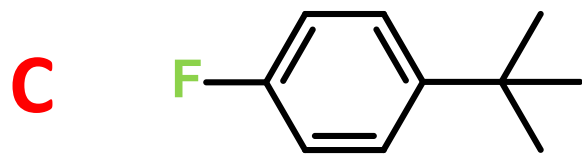
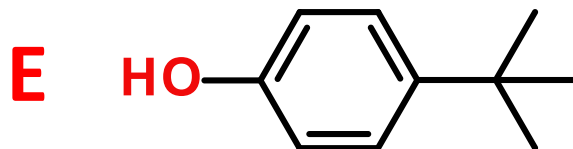
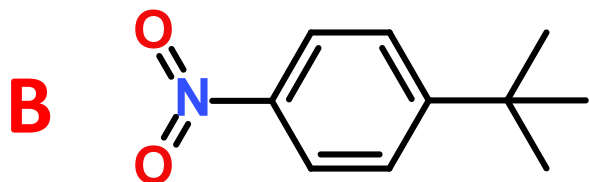
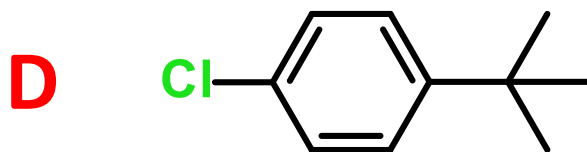
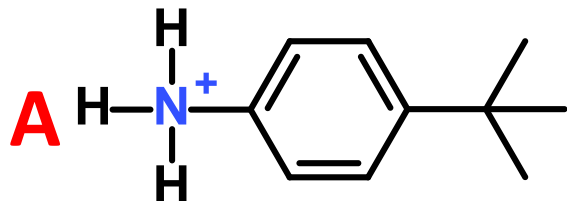


**F** There is no reaction or the correct product is not listed here.

Give the major organic product(s) of the following reaction.

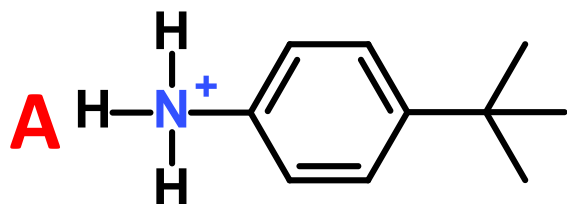
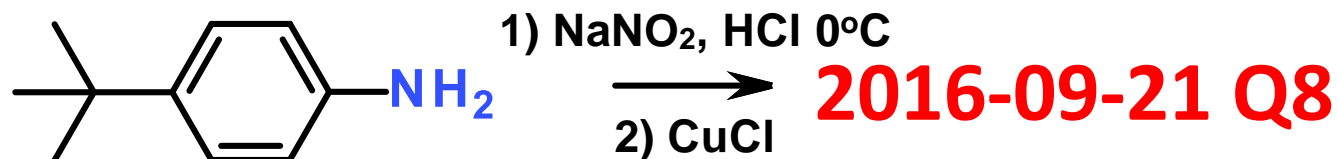


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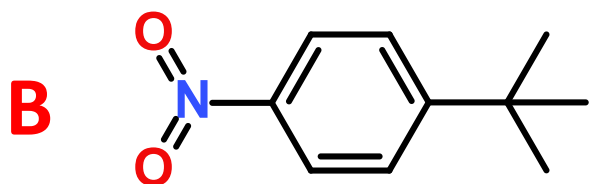
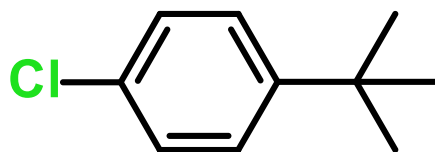


**F** There is no reaction or the correct product is not listed here.

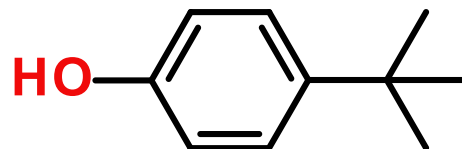
Give the major organic product(s) of the following reaction.



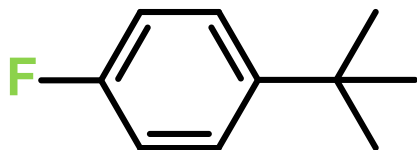
**D**



**E**



**C**



**F** There is no reaction or the correct product is not listed here.