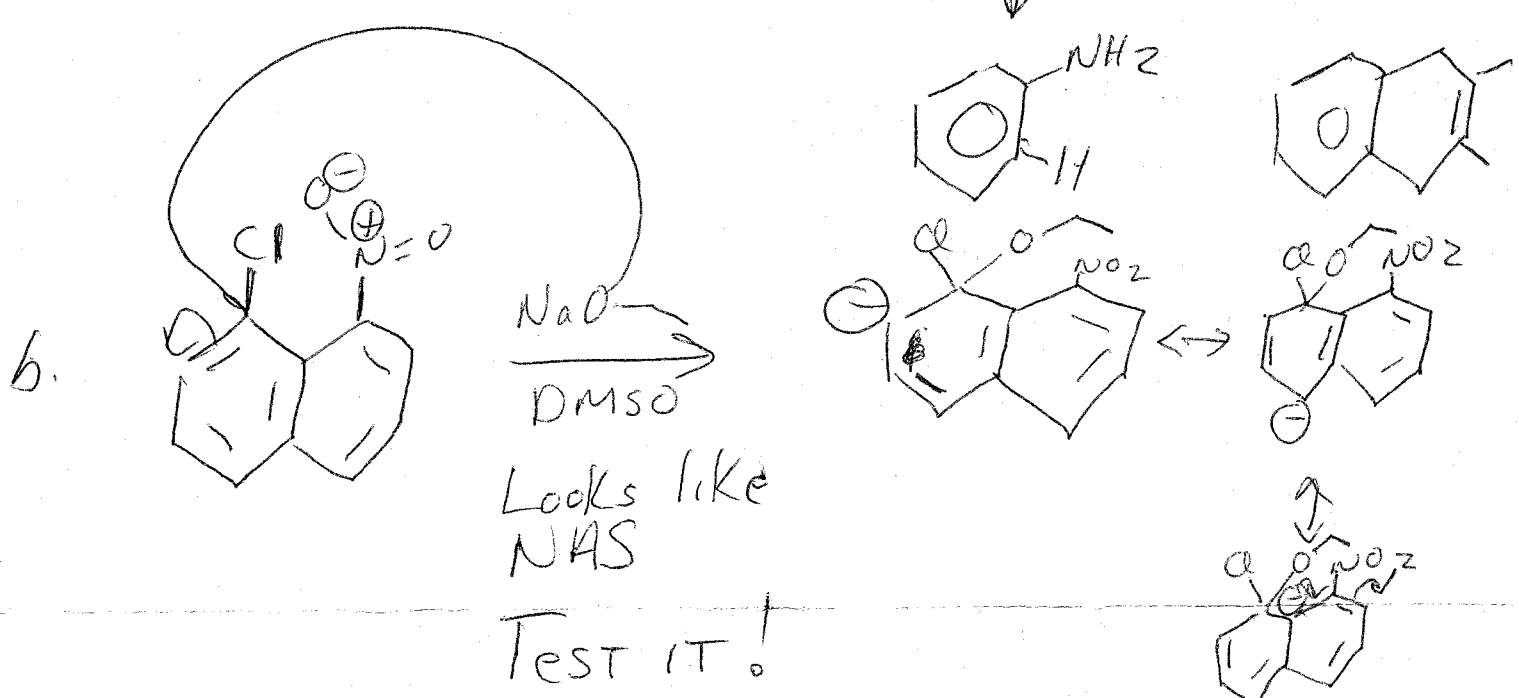
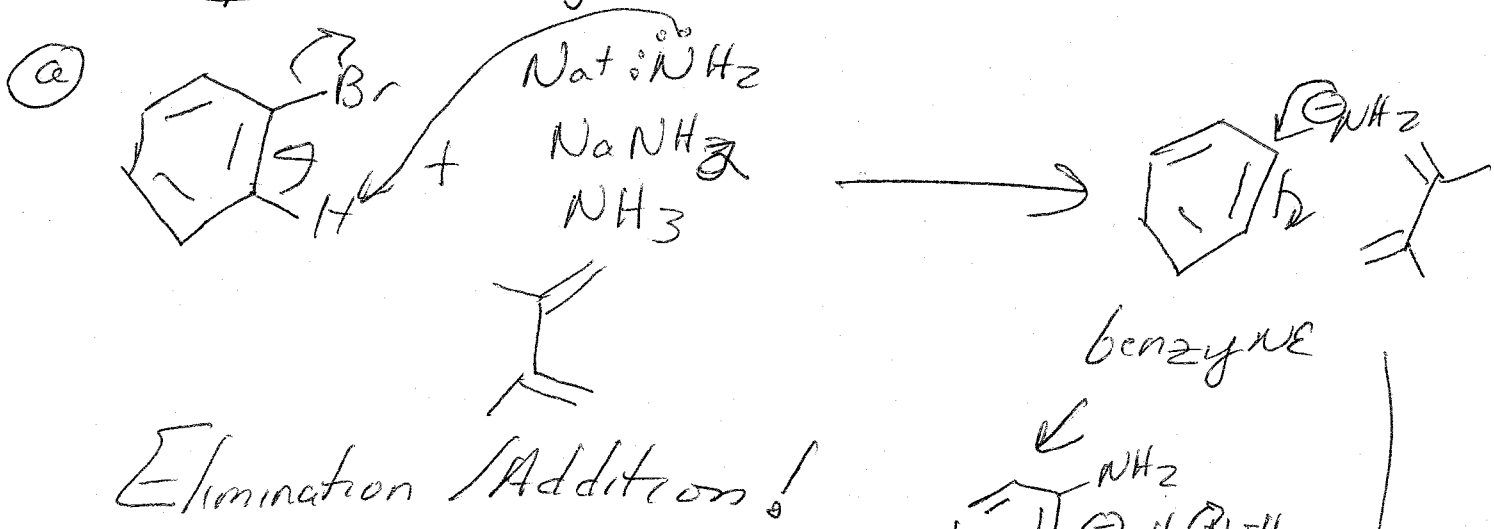


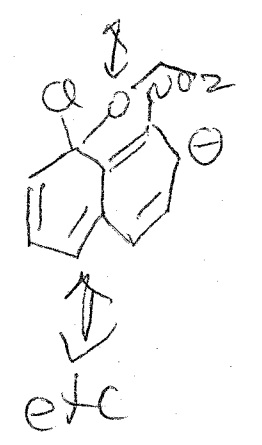
# Answer Key

March 18, 2011

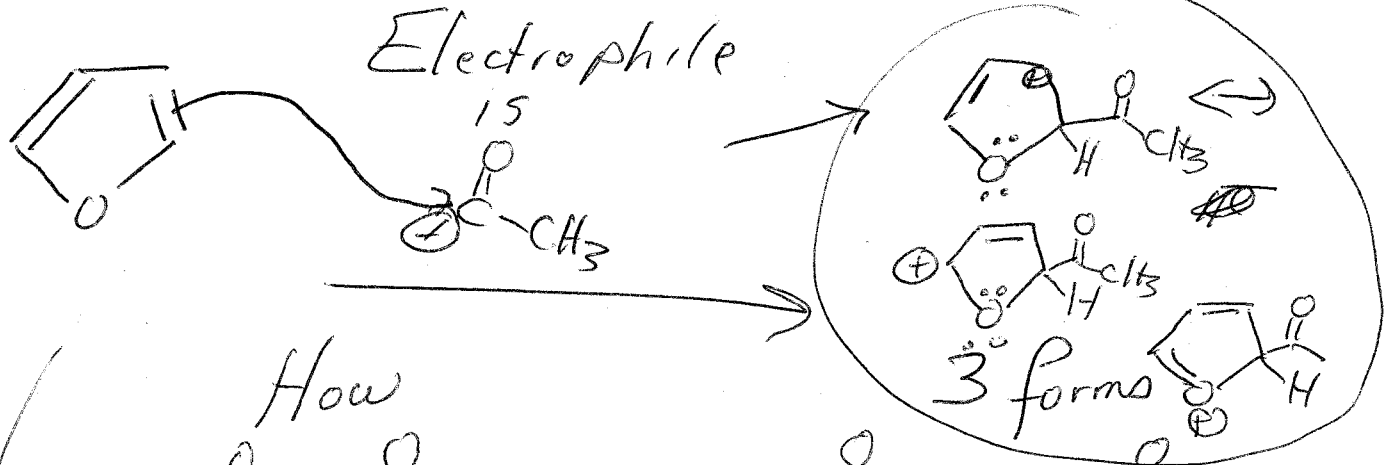


⊖ charge is not delocalized onto NO<sub>2</sub>

NO Rxn  
NO NAS



c.



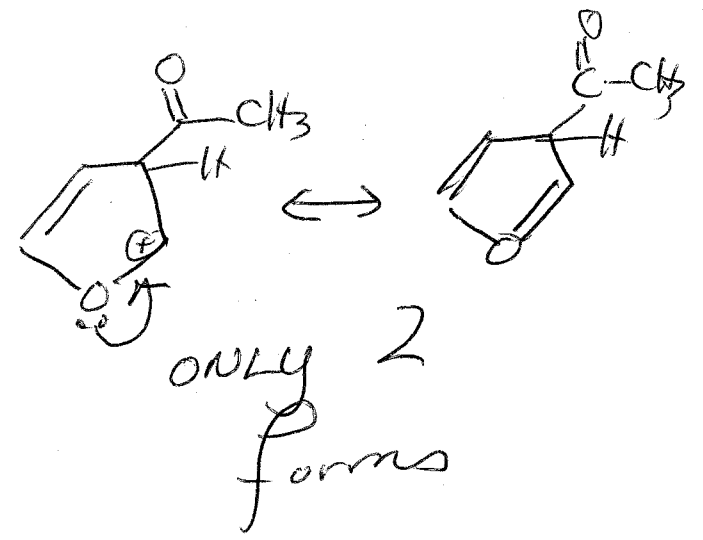
How

BF<sub>3</sub>

More steps involved but essence of idea.

OR

other attack

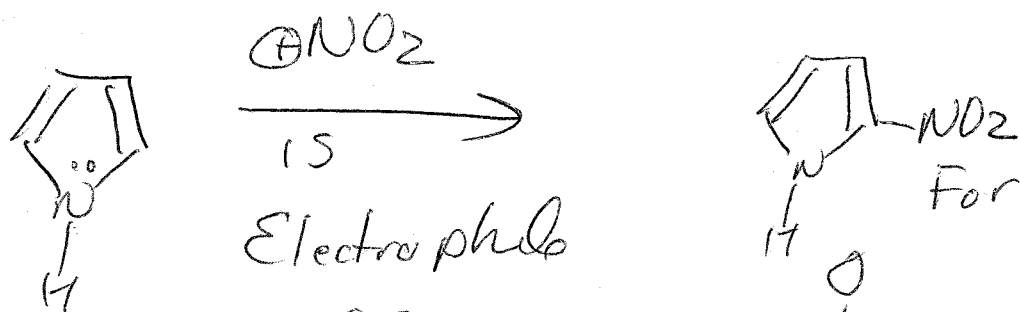


First intermediate forms fastest

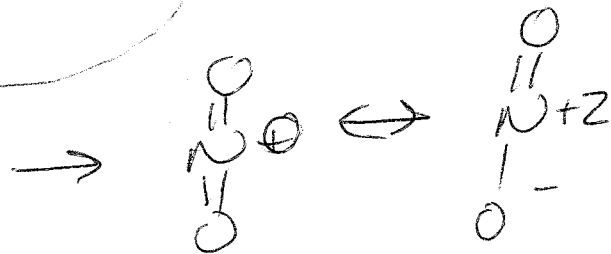
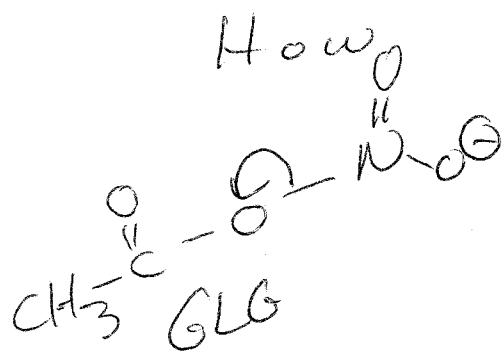
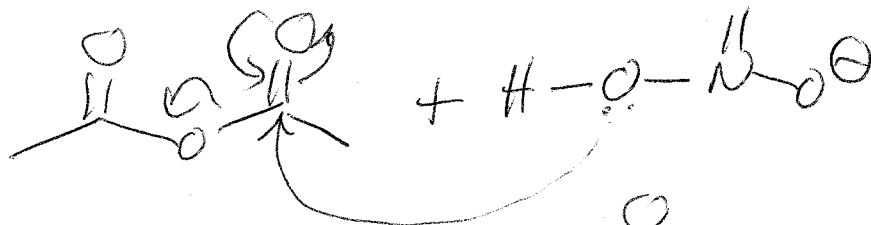
MAJOR

Product after rearomatization

d.



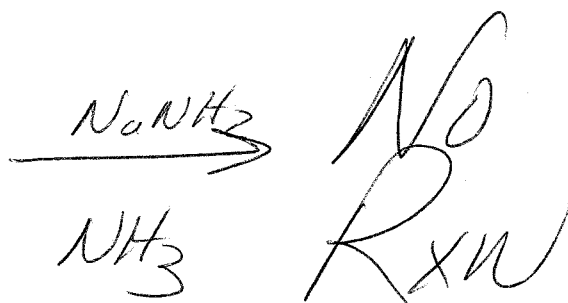
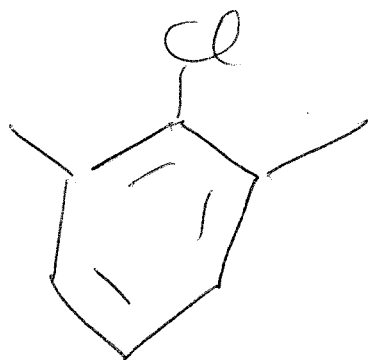
For similar reasons as last problem



e.



2.



Why No EWG  
o & / or p

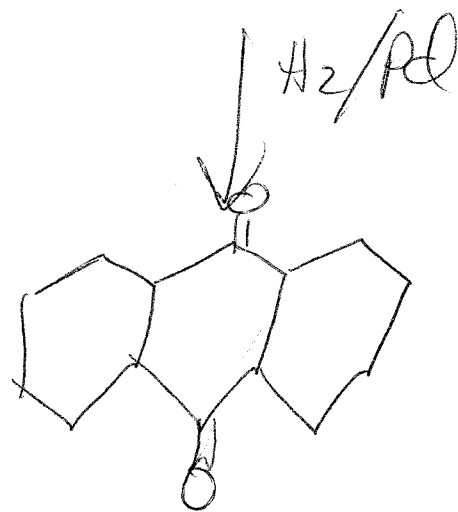
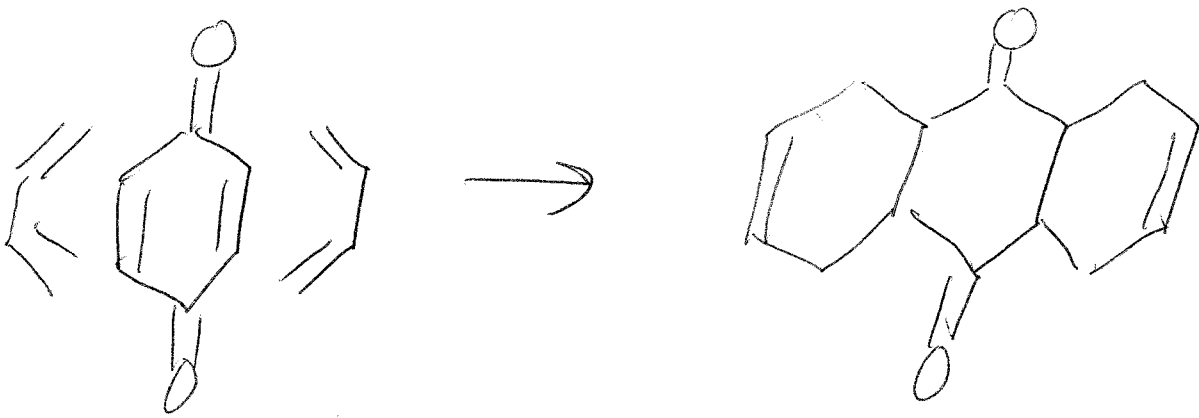
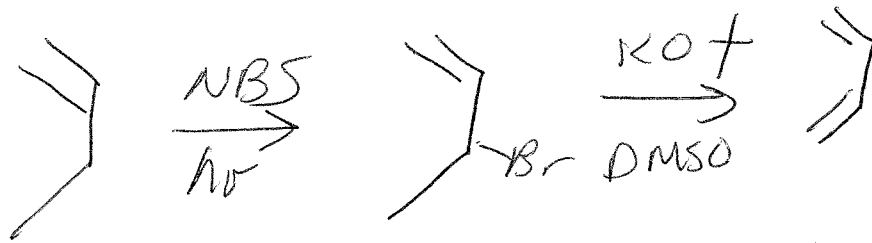
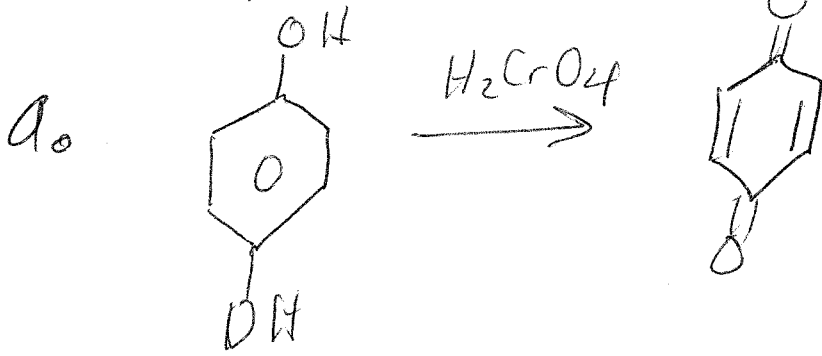
to LG

No BH

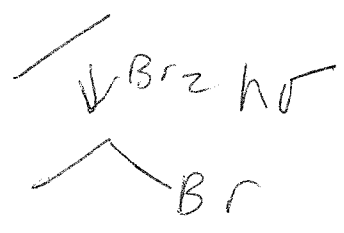
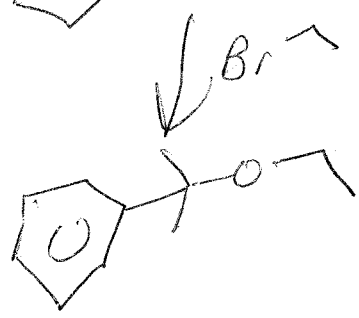
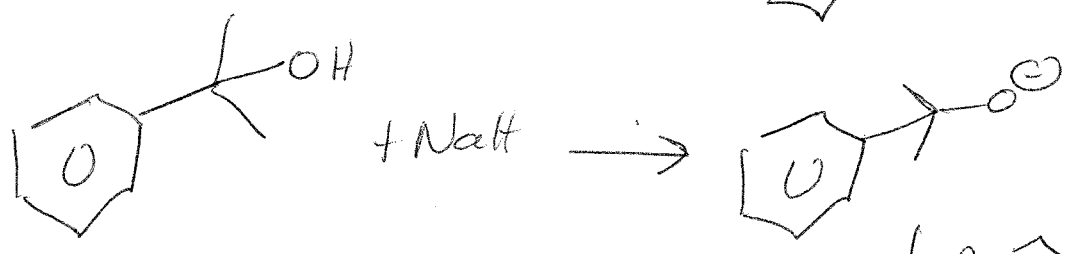
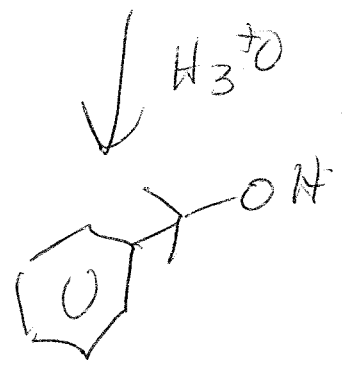
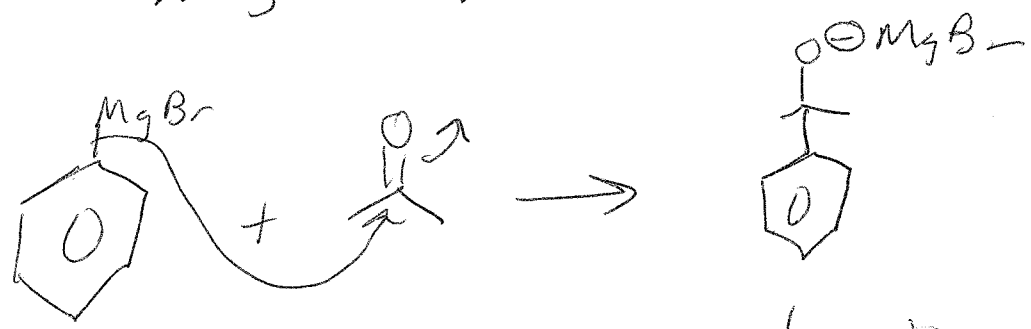
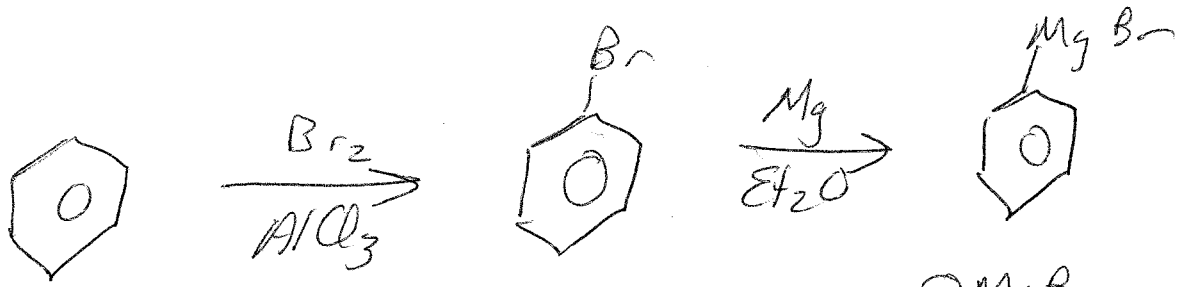
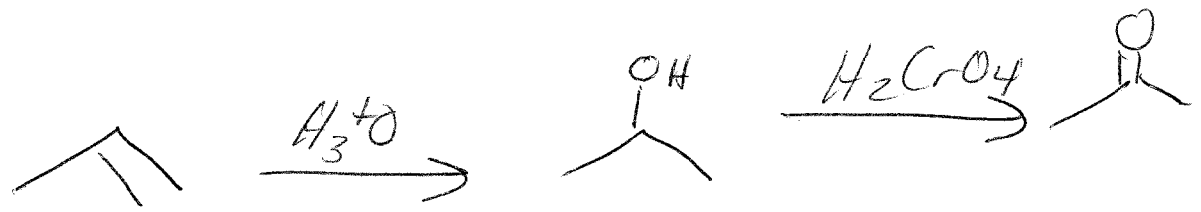
in spite of  
"benzyne"  
conditions

# Synthesis

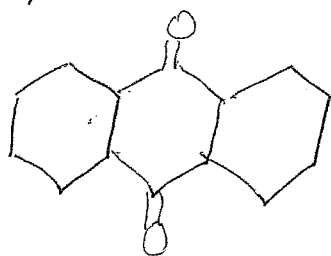
3/18/11



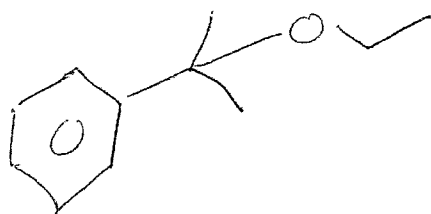
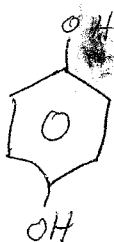
b.



# Synthesis



From



From

