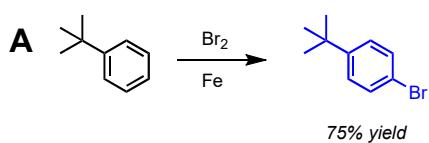


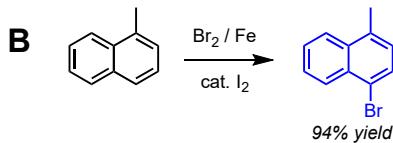
ELECTROPHILIC AROMATIC SUBSTITUTION

Predict the products of the following reactions.



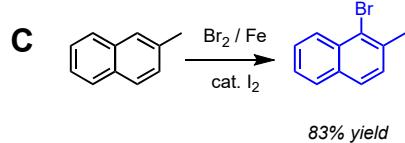
rxn from JACS, 1944, 66, 914

(the I₂ makes Br₂ more reactive,
you may ignore it for mechanism)

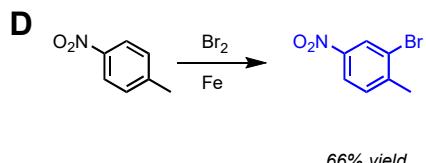


rxn from JOC. 2016, 81, 8544

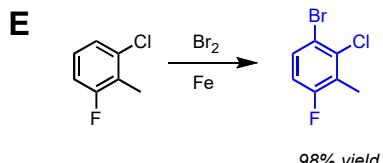
(the I₂ makes Br₂ more reactive,
you may ignore it for mechanism)



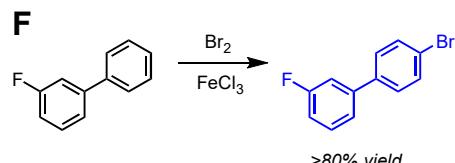
rxn from JOC. 2016, 81, 8544



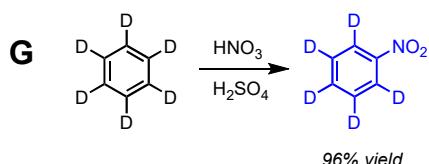
rxn from JPC A 2017, 121, 5110



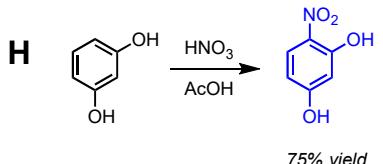
rxn from JMC, 2009, 52, 7186



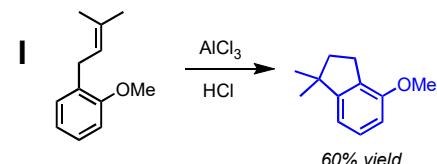
rxn from Nature, 2019 567 223



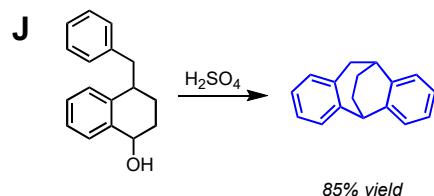
rxn from CEJ 2019 25 10668



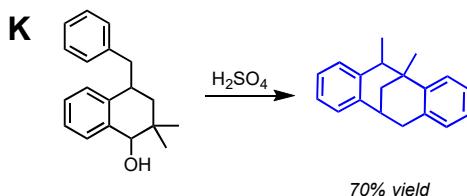
rxn from TL 2006 47 4933



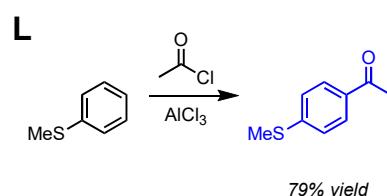
rxn from Bull. SOC. Chim. Belg. 1981 90 847



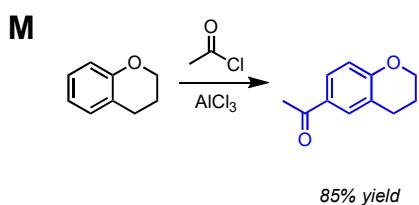
rxn from JOC, 1973, 38, 1909



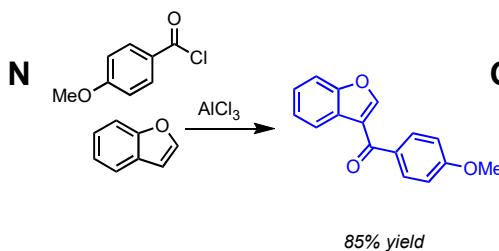
rxn from JOC, 1973, 38, 1909



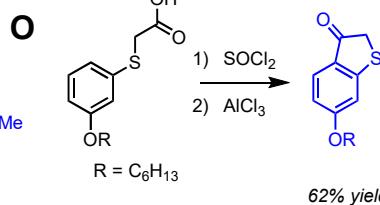
rxn from Sulfur Lett 1991, 12, 123



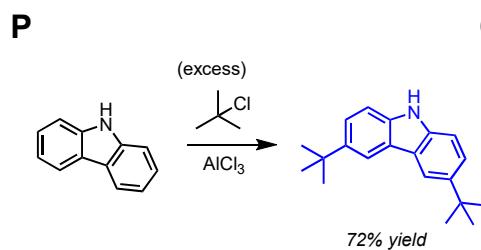
rxn from ACIE, 2019, 58, 15386



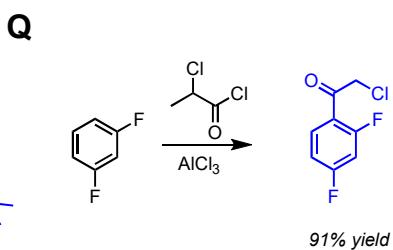
rxn from Bio Med Chem. 2018, 26, 2984



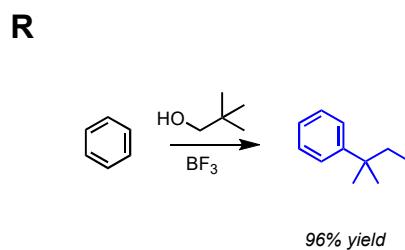
rxn from TL 1994 35 7549



rxn from JPC C, 2017, 121, 23618



rxn from Bio Med Chem Lett 2012 22 4887



rxn from JACS 1959 81 1110