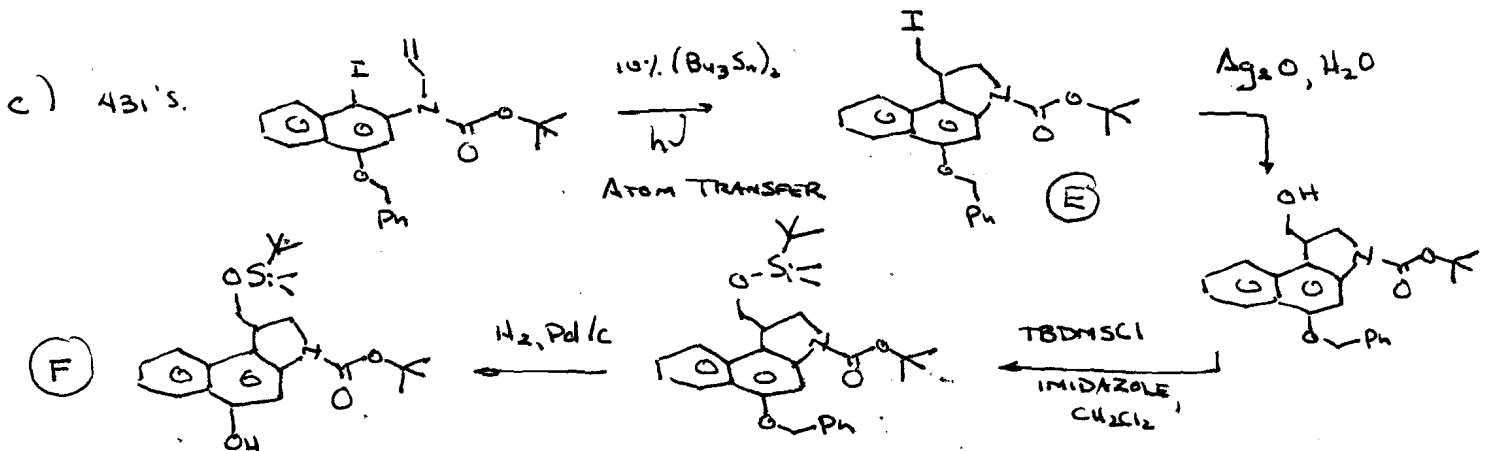
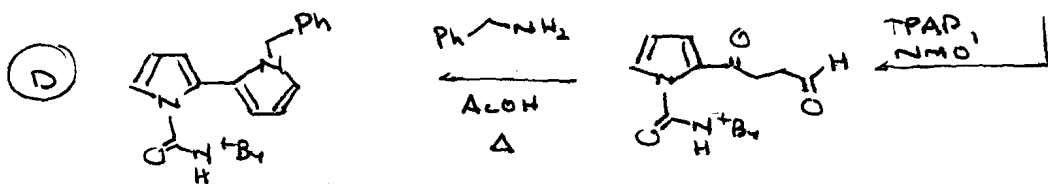
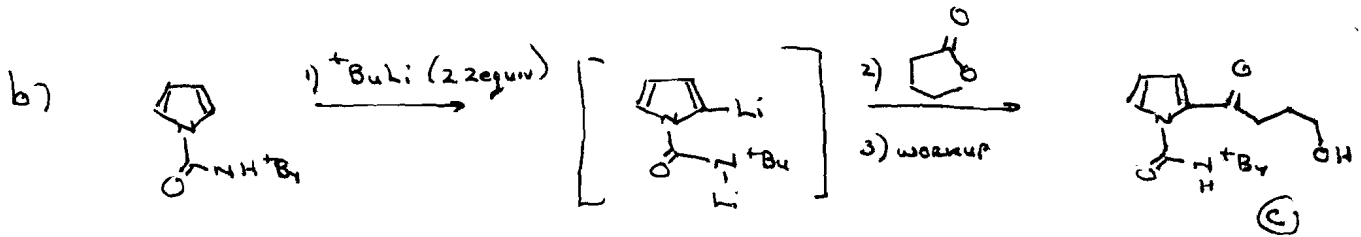
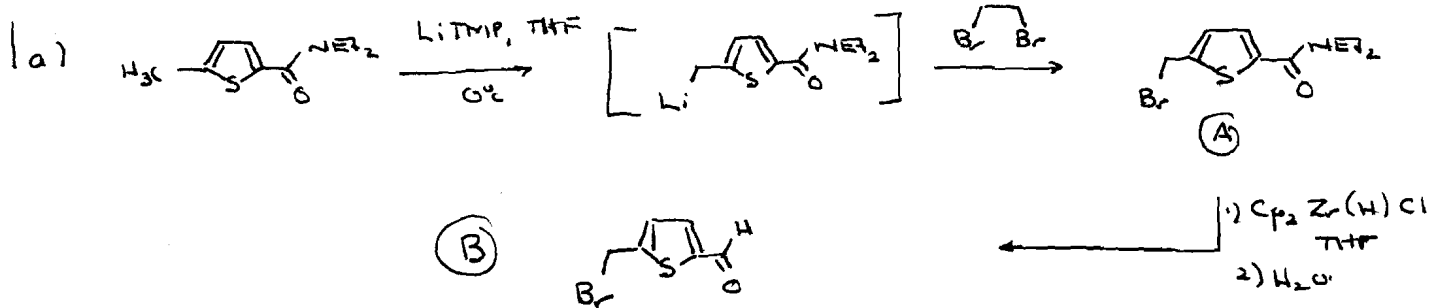
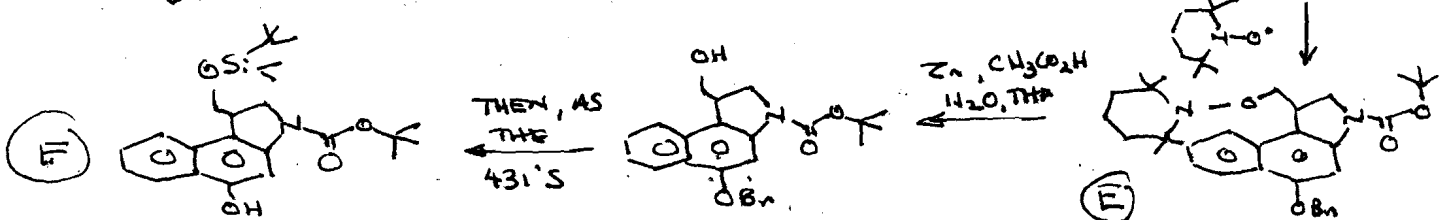
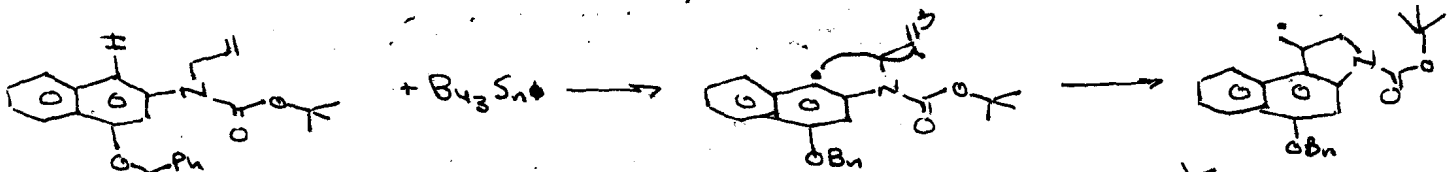
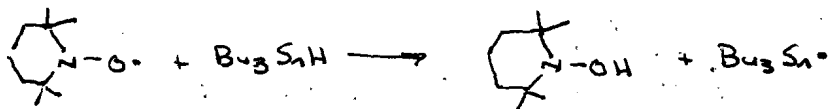


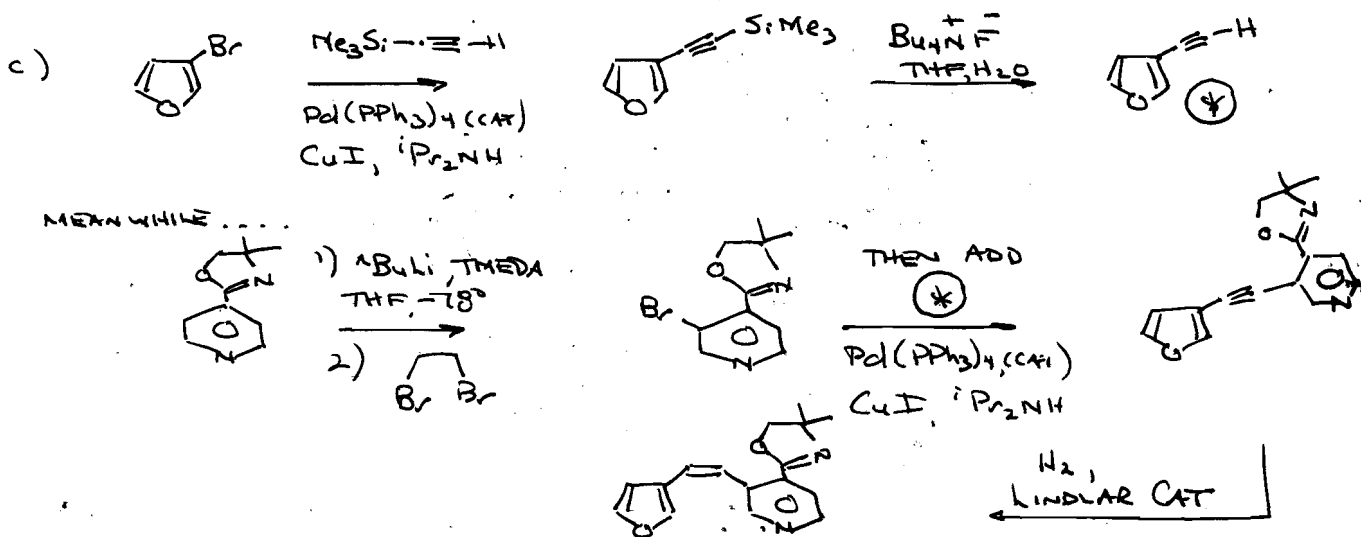
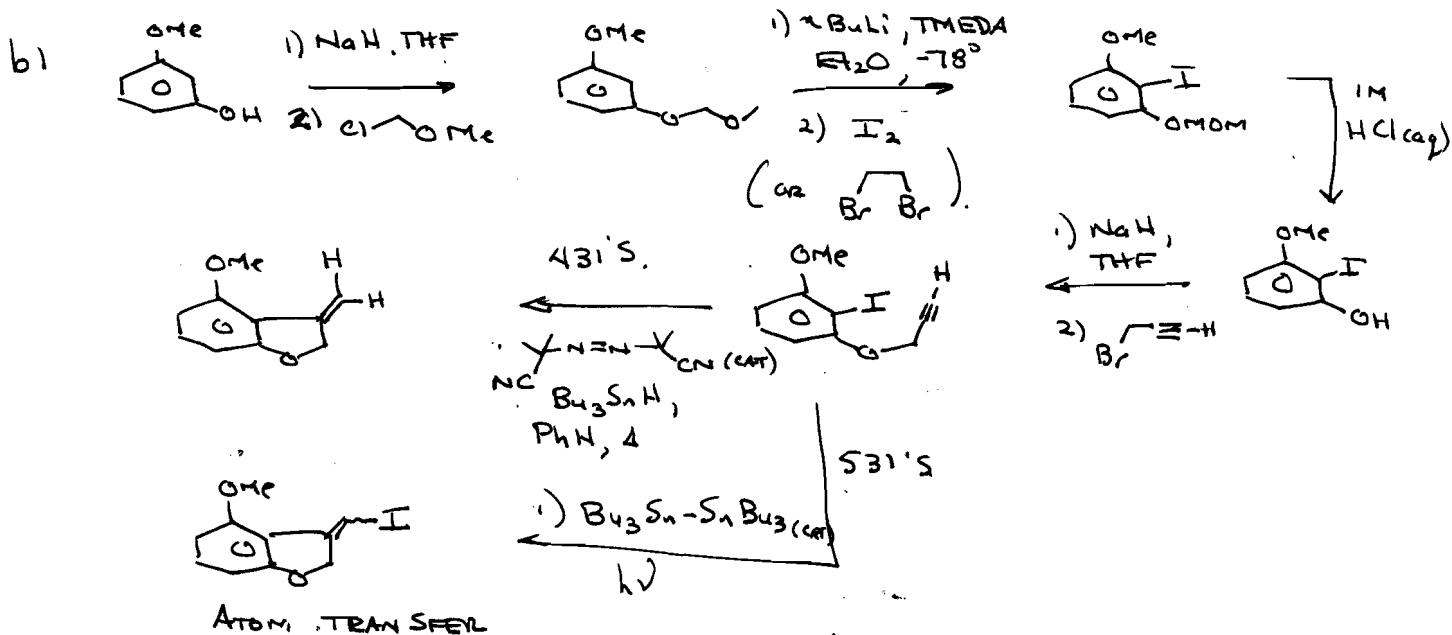
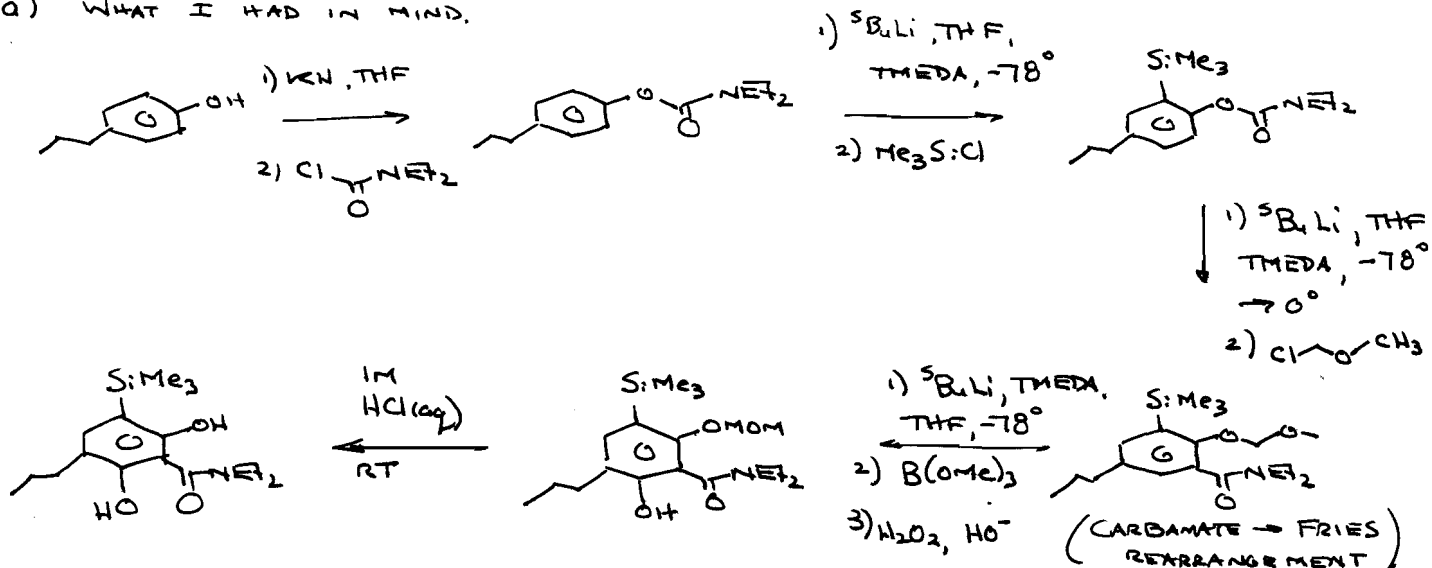
ASSIGNMENT # 2 - SUGGESTED SOLUTIONS.



531's

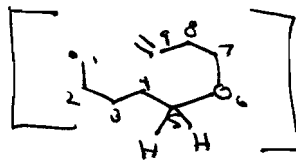
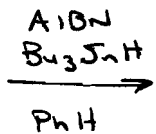
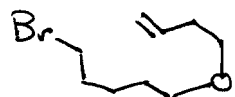


2) a) WHAT I HAD IN MIND.



3.

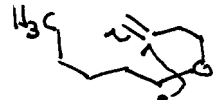
431's.



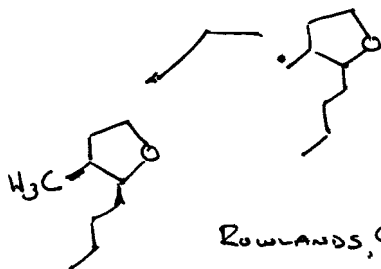
ONLY RING CLOSURE IS
 TO 9-MEMBERED RING
 - TOO SLOW

BUT THE H'S ADJACENT
 TO O ARE 6-ATOMS
 AWAY.

5-EXO
 TRIG



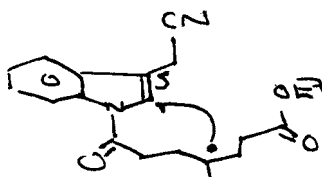
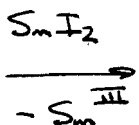
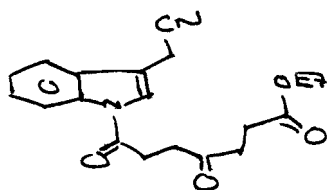
α - TO OXYGEN
 \therefore STABILIZED



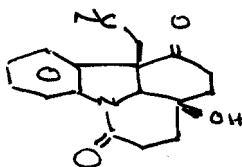
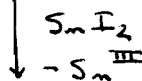
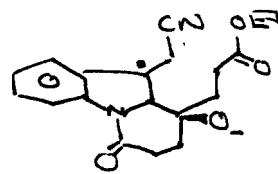
ADAPTED DRASTICALLY FROM

ROWLANDS, G.J. ANN. REP. PROG. CHEM. B 2010, 106 19-33 (p 22)

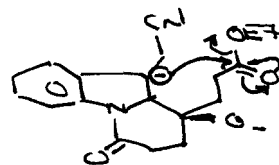
531's.



EVEN THOUGH IT'S
 NOMINALLY AROMATIC



VIA TETRAHE-
 DRAL INT.
 AFTER
 WORKUP



- SEE ANN. REP. PROG. CHEM. B, 2011 107 19-13 (p. 30)

BEHMELMANN, C.; REISSIG, H.-U.

ORIG LIT ANGEW. CHEM. INT. ED. 2010 49 8021.