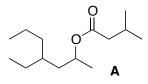
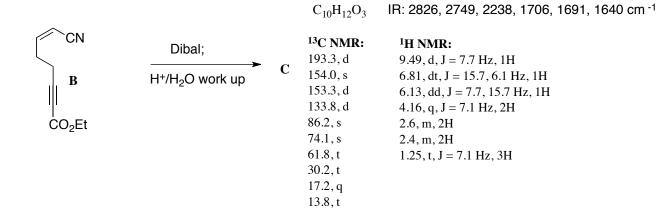
Chem 332 Spring 2013 HW #4 Due 10 AM March 4th, 2013

Name

1. (10 points) Using any piece that contirbutes three or fewer carbons to the final product, outline a synthesis of ${\bf A}$.



2. (10 points) Draw the structure of **C**, and the mechanism for its formation from **B**.



3. (10 points) Draw an arrow-pushing mechanism for the conversion of D to E.

