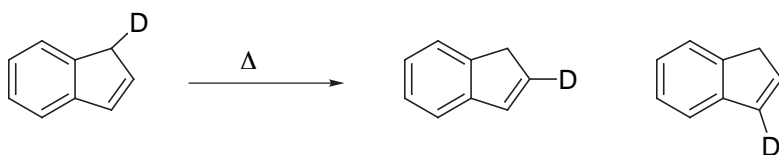
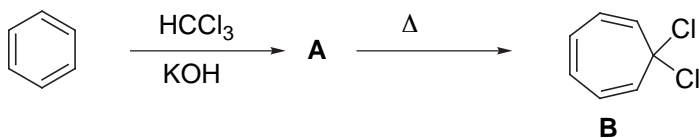


Problem Set # 5

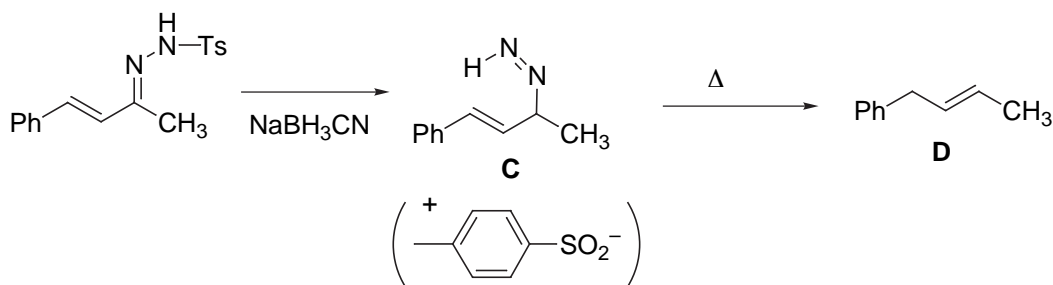
1. Provide a mechanism



2. Provide a structure for **A** and a mechanism for the conversion to **B**



3. Provide mechanisms for the formation of **C** and **D**.



4. Provide a mechanism



5. Provide a structure for **E** (stereochemistry is important) and a mechanism for the formation of **F**.

