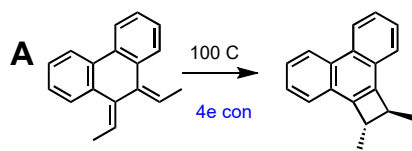
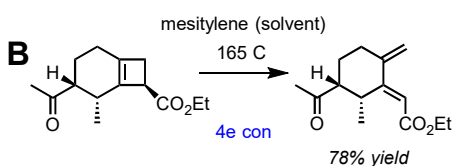


PERICYCLIC REACTIONS

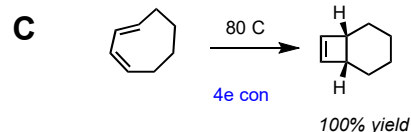
Determine the # of pi electrons involved in these reactions. For sigmatropic reactions, provide [x,y] nomenclature. For electrocyclic reactions, determine whether the reaction proceeds in a conrotatory or disrotatory fashion (sources: Chemical Reviews, 1976, 76 187)



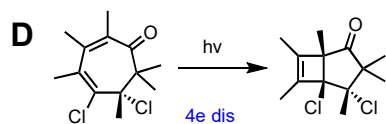
rxn from ACIE 2017 56 4839



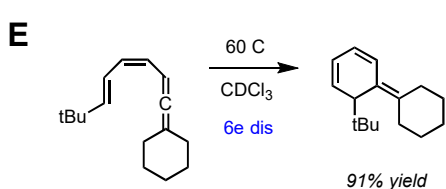
rxn from JOC 1989 54 2267



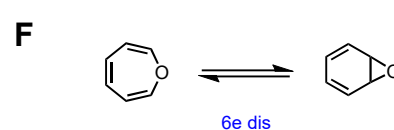
rxn from JACS 1965 87 3996



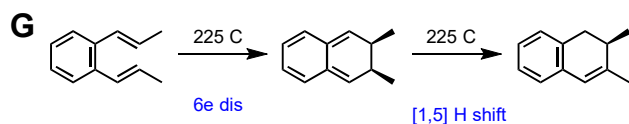
rxn from TL 1981 22 3115



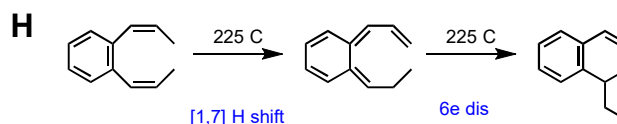
rxn from JOC 1992 57 796



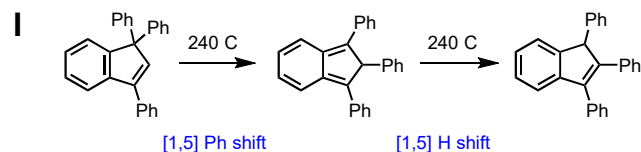
rxn from ACIE 1967 6 402



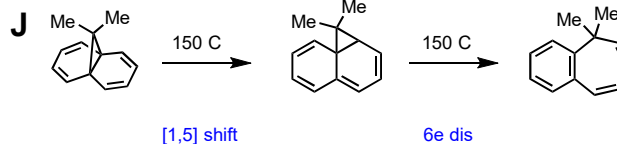
rxn from Helv. Chim. Acta 1970 53, 173



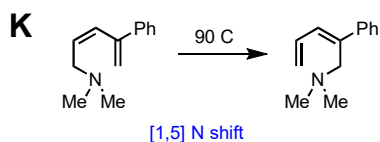
rxn from Helv. Chim. Acta 1970 53, 173



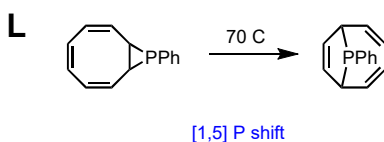
rxn from JACS 1971 93 650



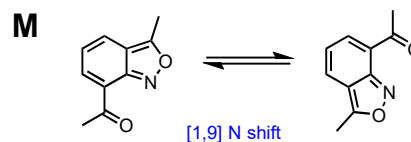
rxn from ACIE 1978 17 208



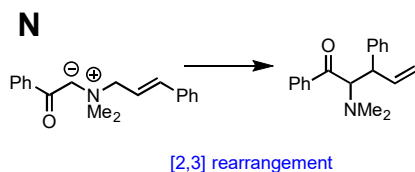
rxn from TL 1966 1141



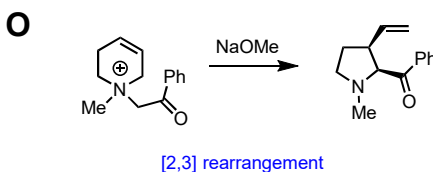
rxn from JACS 1966 88 3832



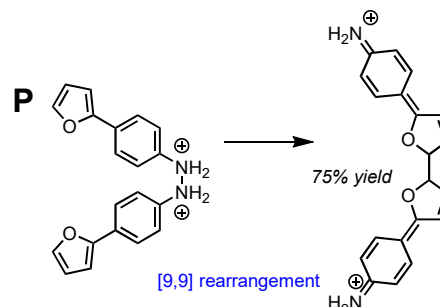
rxn from CC 1971 833



rxn from JCS D 1969 99



rxn from JCS Perk Trans 1 1969 99



rxn from JOC 1997 62 3794