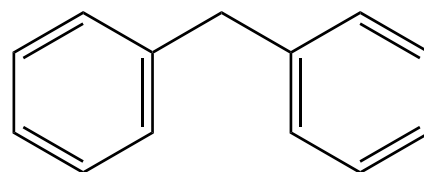
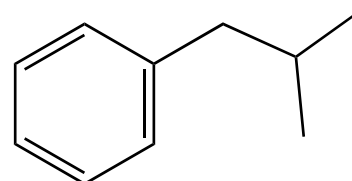
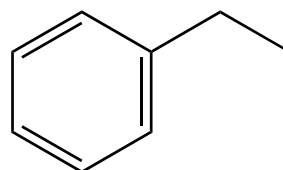
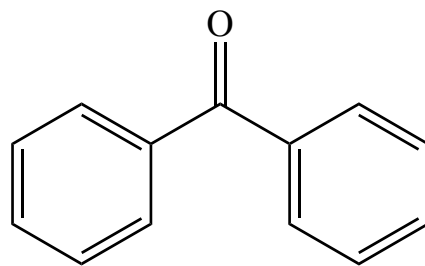


Exercise 114 - Friedal-Crafts Reactions

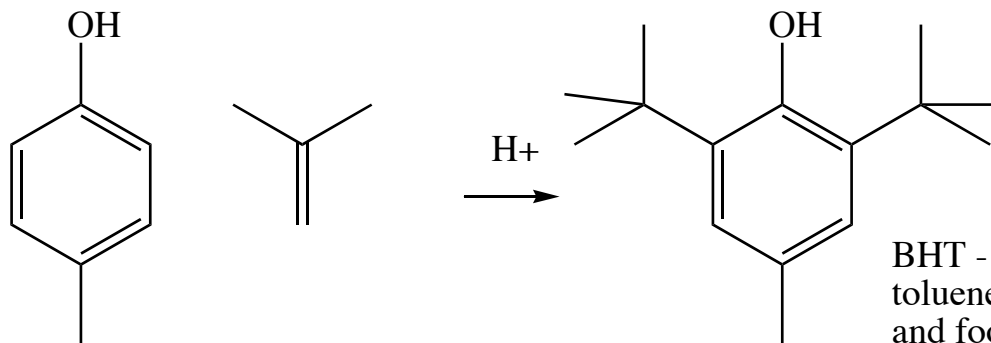
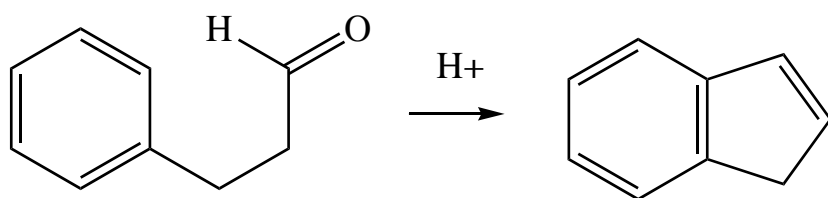
Question

How would you prepare the following using a Friedal-Crafts acylation or alkylation.



Question

Offer a mechanism for the following reactions.



BHT - Butylated hydroxy toluene, an antioxidant and food preservative.