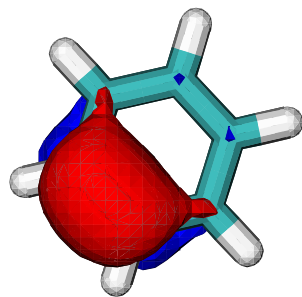


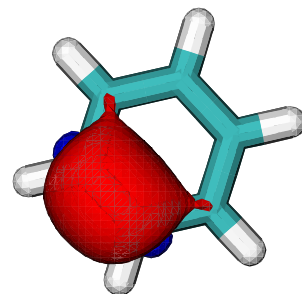
Benzene (Berghold)

Top view

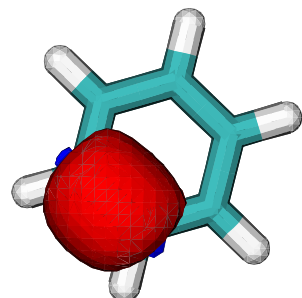
OLMO



NLMO

 $\det(\sigma) = 0.437$ 

NLMO

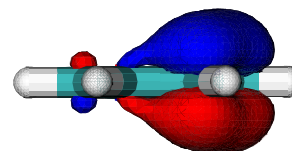
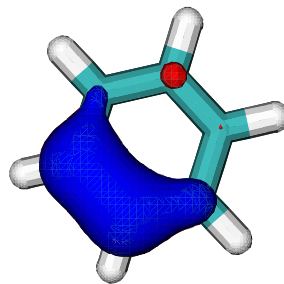
 $\det(\sigma) = 0.107$ 

Benzene (Pipek-Mezey)

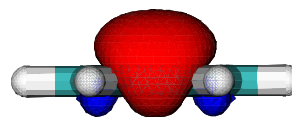
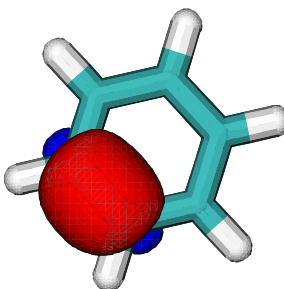
Top view

Side view

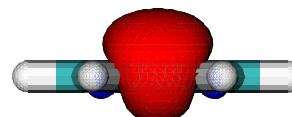
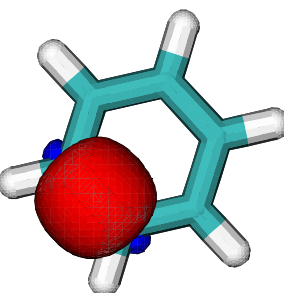
OLMO



NLMO

 $\det(\sigma) = 0.615$ 

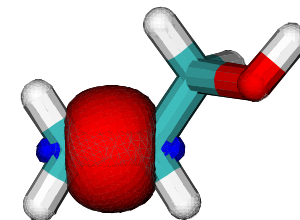
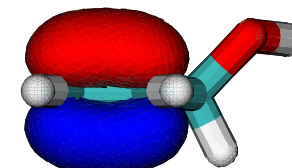
NLMO

 $\det(\sigma) = 0.067$ 

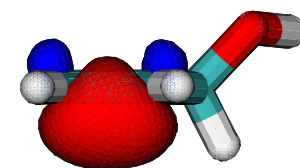
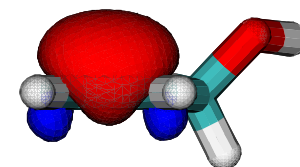
Propenol (Pipek-Mezey)

 π bond σ bond

OLMO

 τ bond τ' bond

NLMO

 $\det(\sigma) = 0.345$  τ bond τ' bond

NLMO

 $\det(\sigma) = 0.097$ 