

Supplementary material

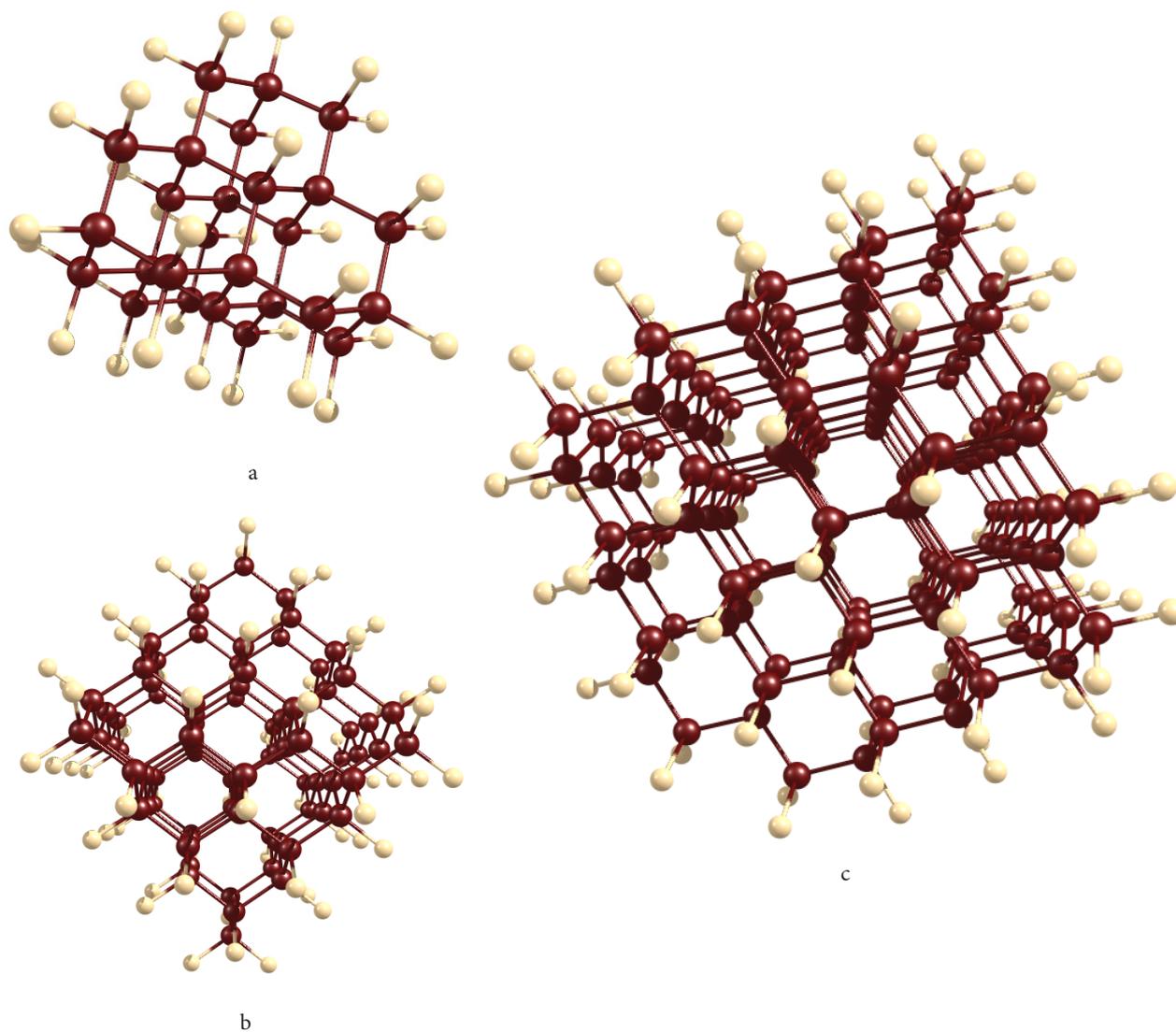


Fig. S1. (Color online) Equilibrium geometries of the $C_{26}F_{32}$ (a), $C_{84}F_{64}$ (b) and $C_{148}F_{96}$ (c) NDs.

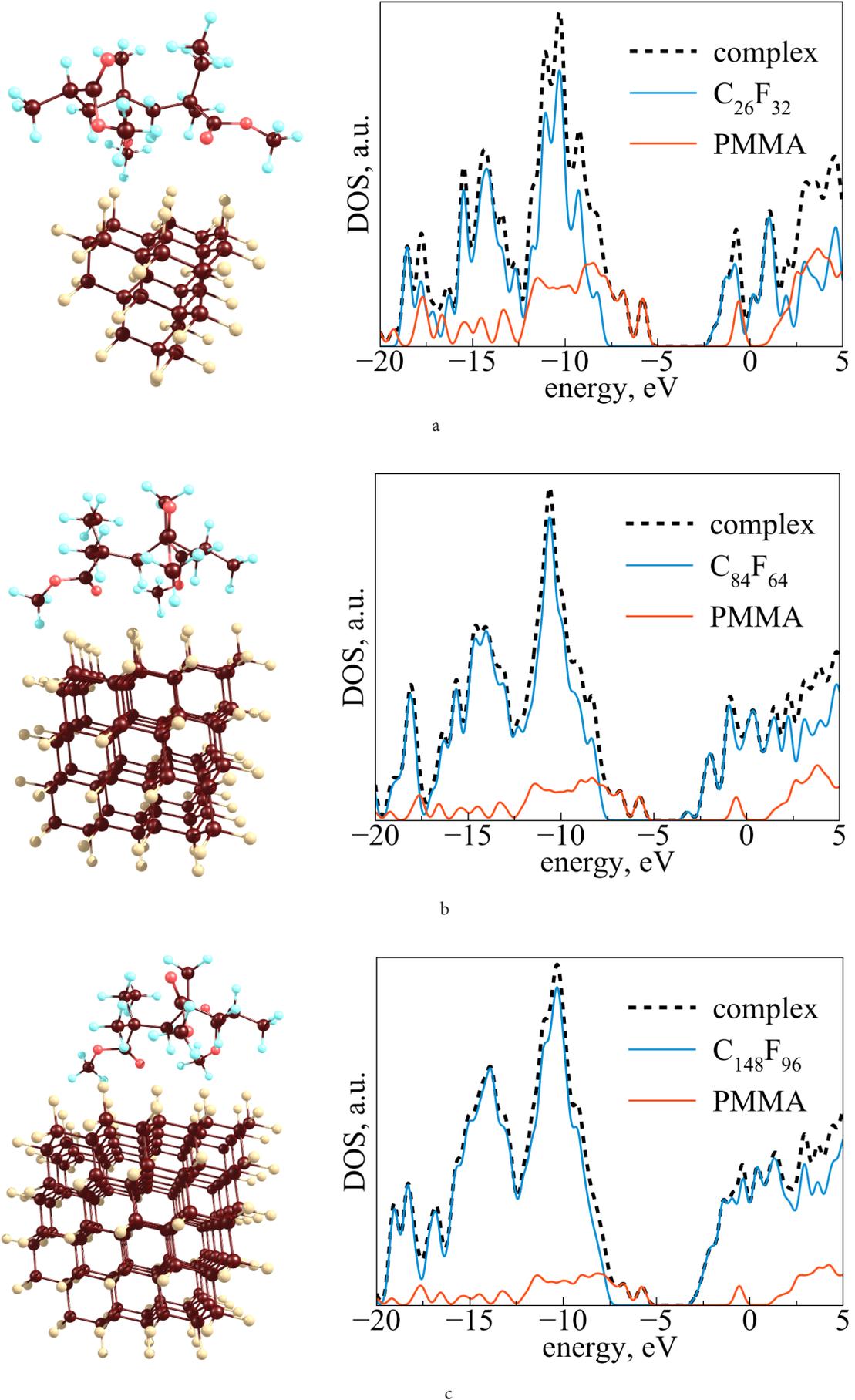


Fig. S2. (Color online) Equilibrium geometries and density of electronic states for complexes of C₂₆F₃₂ (a), C₈₄F₆₄ (b) and C₁₄₈F₉₆ (c) NDs with PMMA. Partial DOS of NDs and PMMA are also presented. Linear scaling is applied to DOS axis.