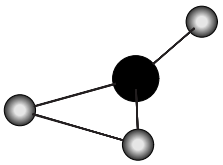
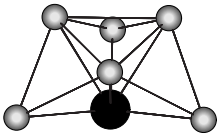
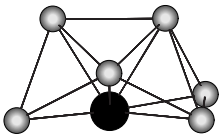
(a) 	$E_g = -2218$ 21773 (21820) 23765 (23736) 30776 (30748)	$E_g = -2859$ 20841 (20882) 23053 (23028) 30897 (30881)
(b) 	$E_g = -5164$ 26040 (26467) 26734 (26467) 27096 (26936)	$E_g = -5907$ 25013 (25428) 25695 (25428) 26129 (25981)
(c) 	$E_g = -5160$ 23203 (23235) 26878 (26879) 29785 (29751)	$E_g = -5902$ 21789 (21817) 25914 (25916) 29134 (29104)