

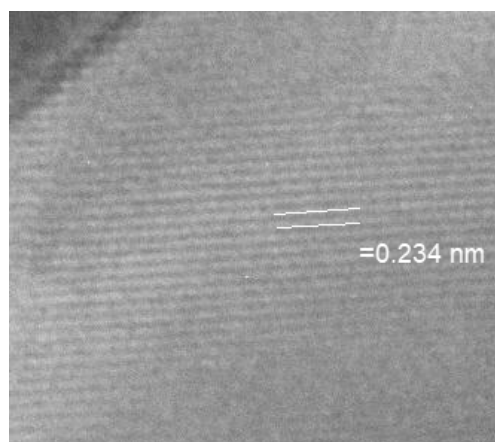
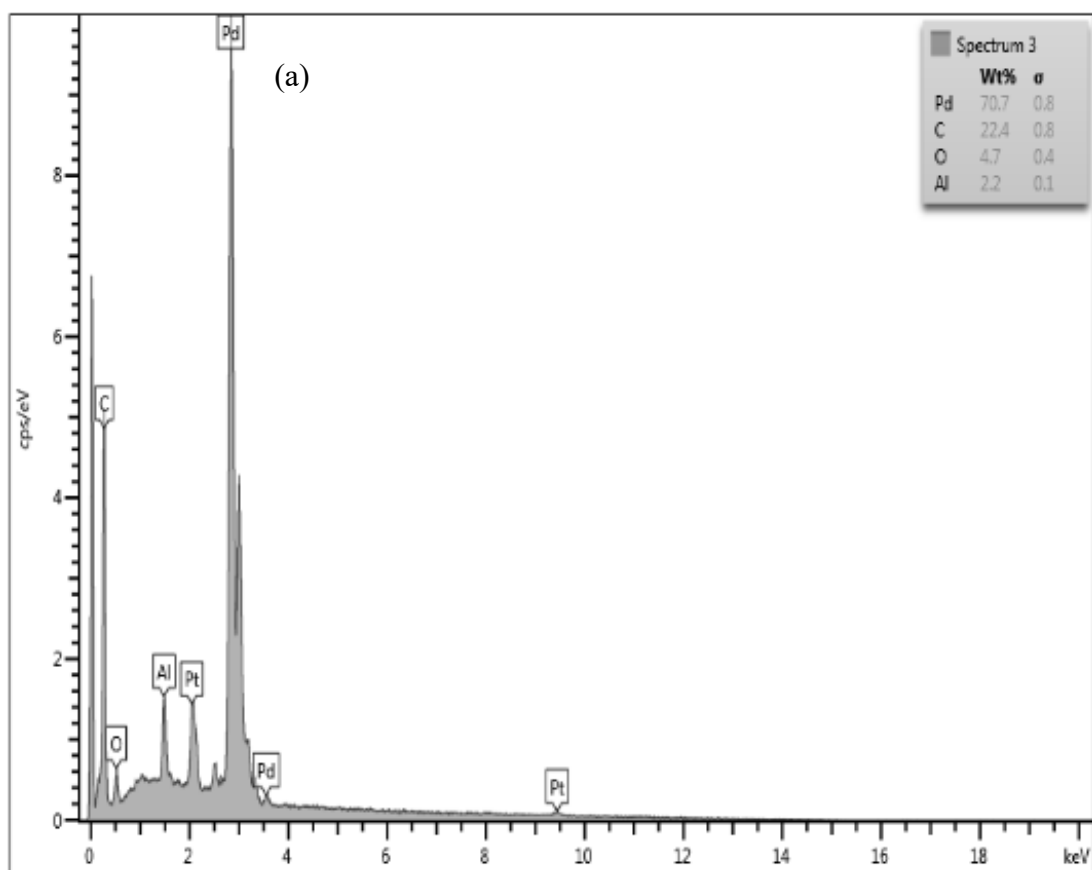
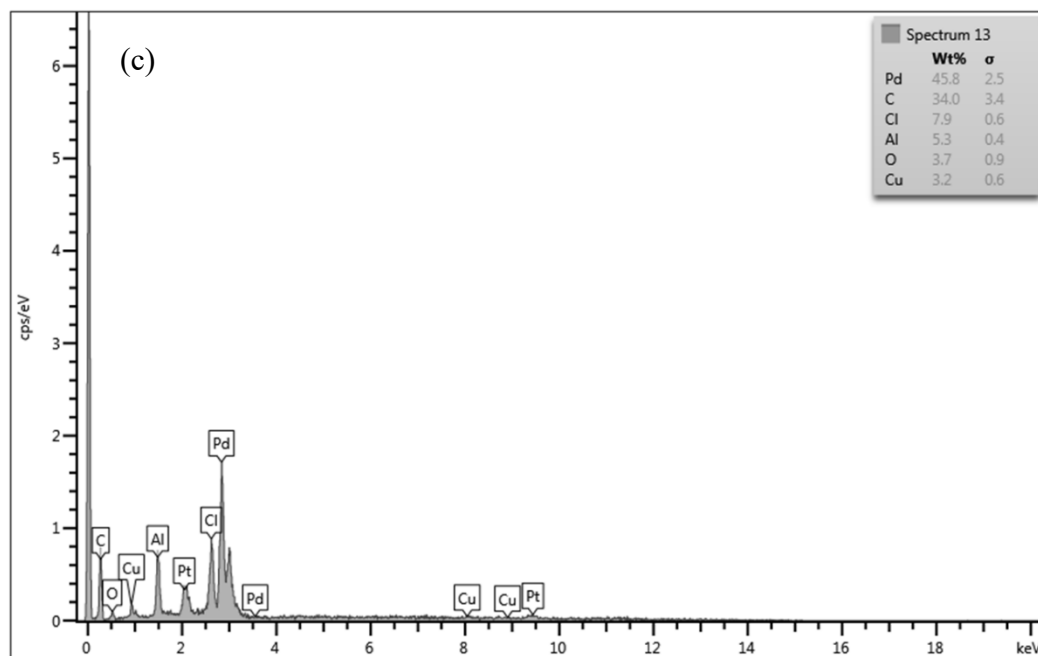
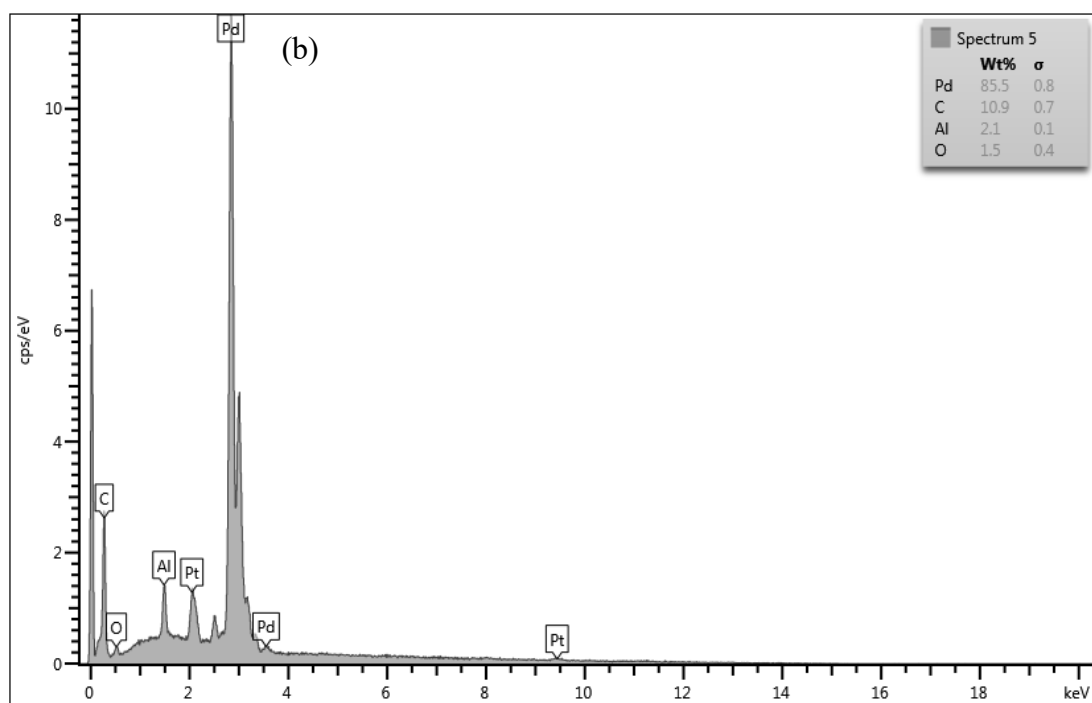
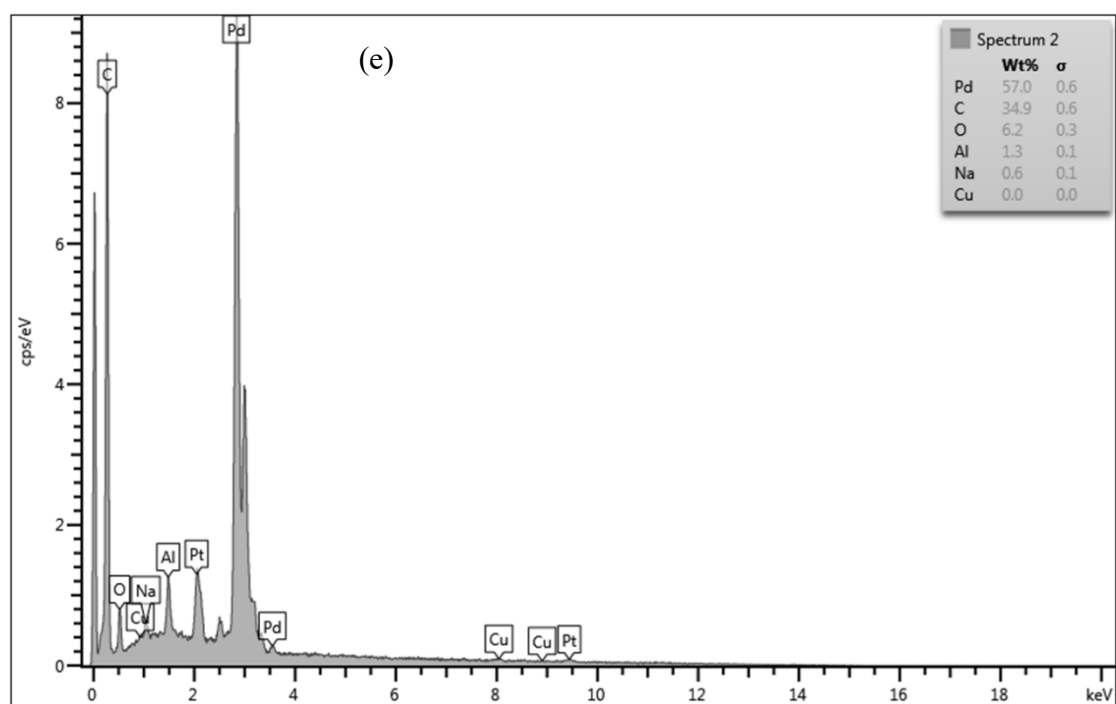
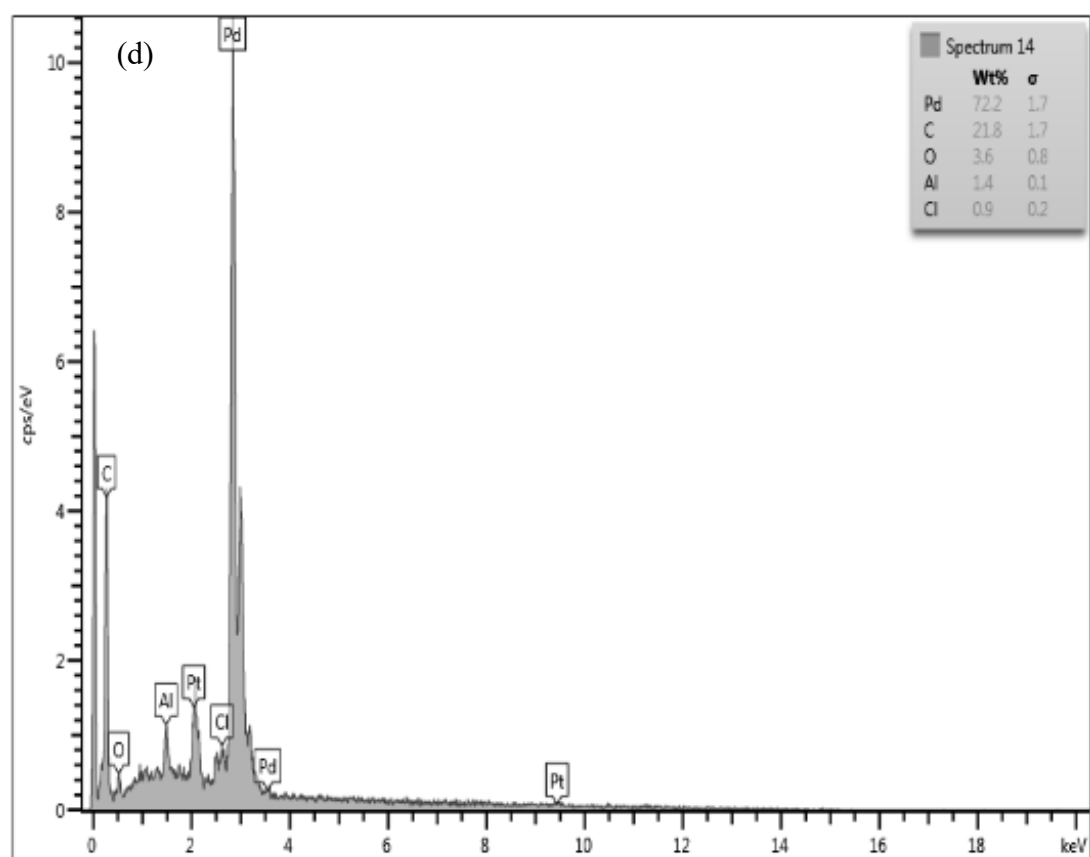


Fig S1. HRTEM image of Pd° particles on AC







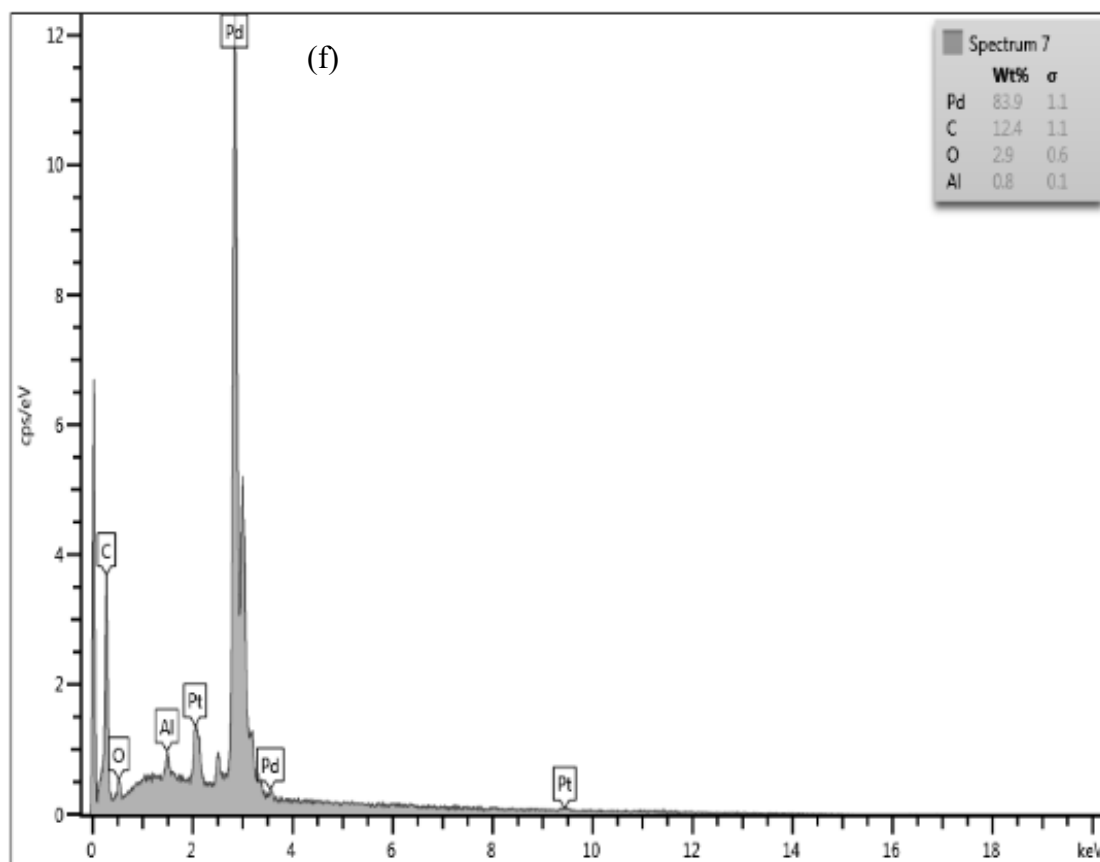


Fig. S2. EDS spectra of PdNPs reduced by (a) 2 mM BH (b) 10 mM BH, (c) 2 mM HH, (d) 10 mM HH, (e) 2 mM AA, and (f) 10 mM AA.

Table S1. ANOVA statistical analysis for the inhibition zones of the different bacteria with particle size variation.

ANOVA						
Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	5.203333	2	2.601667	0.382967	0.688314	3.68232
Within Groups	101.9017	15	6.793444			
Total	107.105	17				