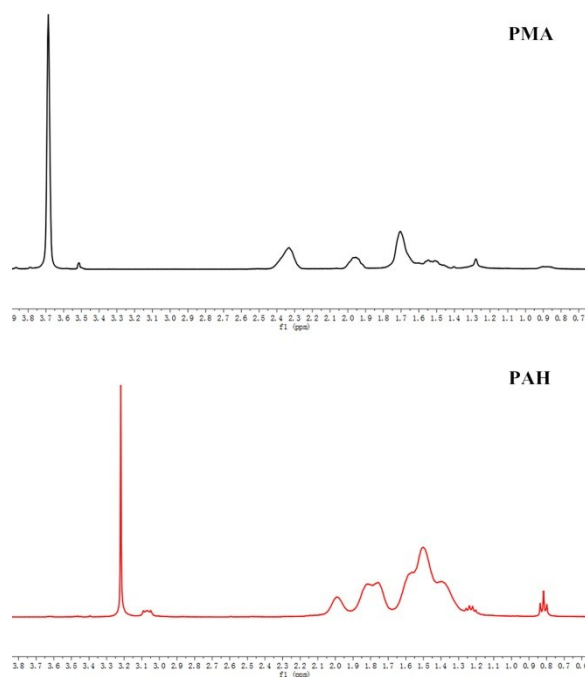
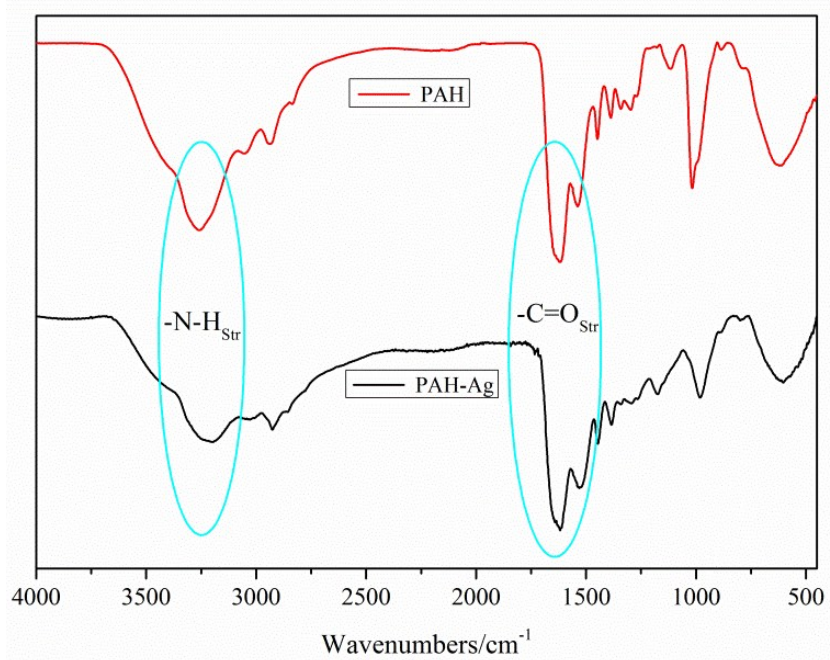


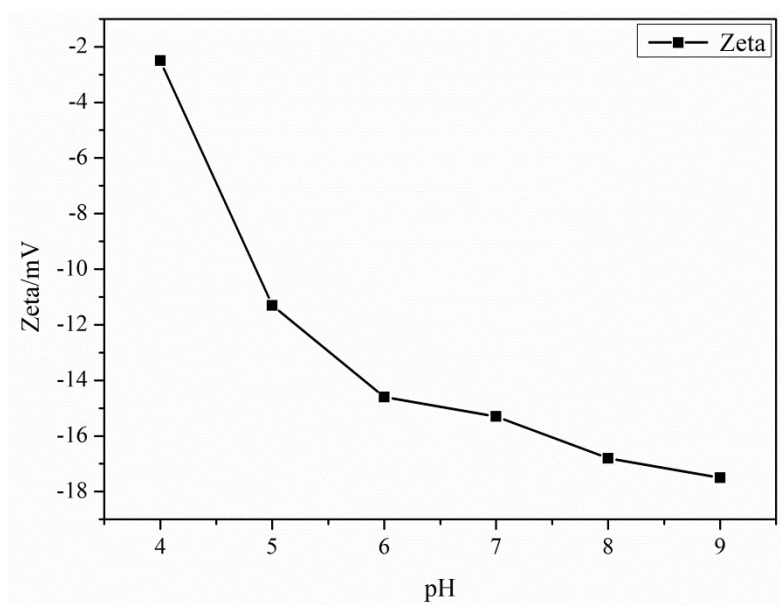
## Supporting Information



**Fig. S1** <sup>1</sup>H NMR spectra of PMA and PAH polymer.



**Fig. S2** FTIR spectra of PAH-Ag NPs and PAH polymer.



**Fig. S3** pH dependence of the  $\zeta$  potential of PAH-Ag NPs.