

Figure S1. The activity of oCNT and rCNT in the reduction of nitrobenzene Conditions: 20 mg of catalyst, 10 mmol of nitrobenzene, 50 mmol of hydrazine hydrate, 2 mL ethanol, 100 °C.

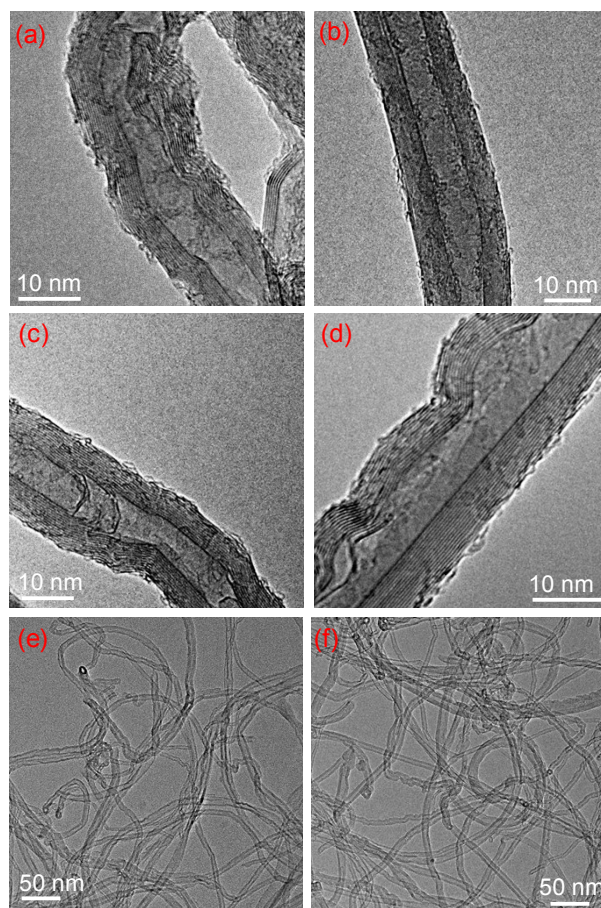


Figure S2. TEM images of the fresh and spent catalysts (a and b are images for the fresh and spent oCNT, respectively. c and e are images for fresh rCNT, while d and f are for spent rCNT)

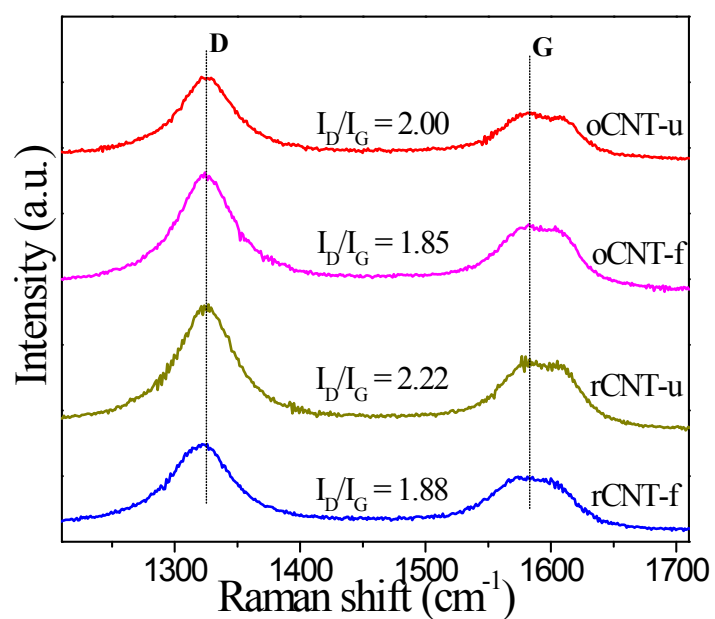


Figure S3. Raman spectra of the samples

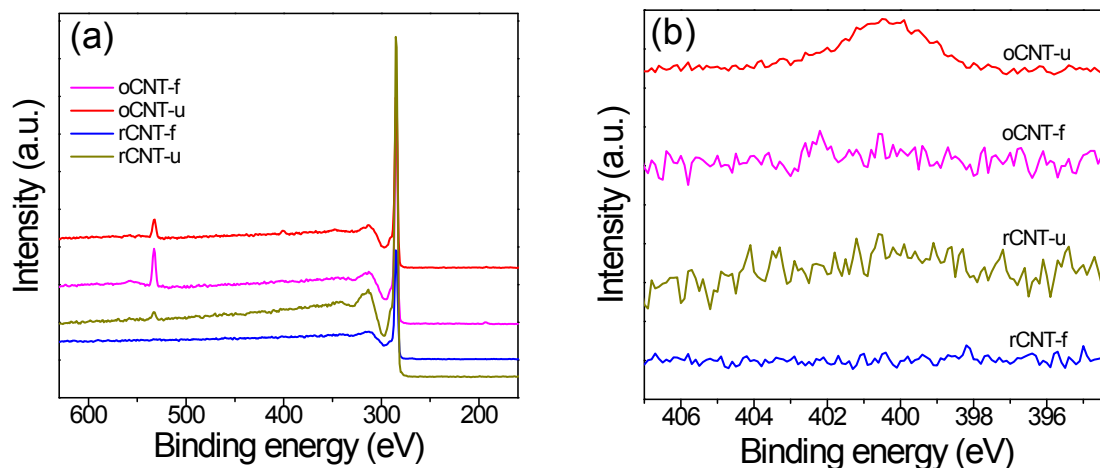


Figure S4. XPS scan (a) and the N1s spectra of the samples