

Supporting Information

FePd Alloy Nanoparticles Assembled on Reduced Graphene Oxide as Catalyst for Selective Transfer Hydrogenation of Nitroarenes to Anilines Using Ammonia Borane as a Hydrogen Source

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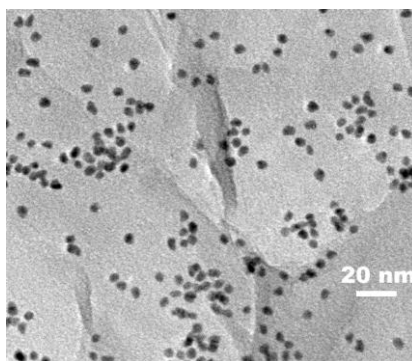


Figure S1. A representative TEM image of rGO-Pd catalyst.

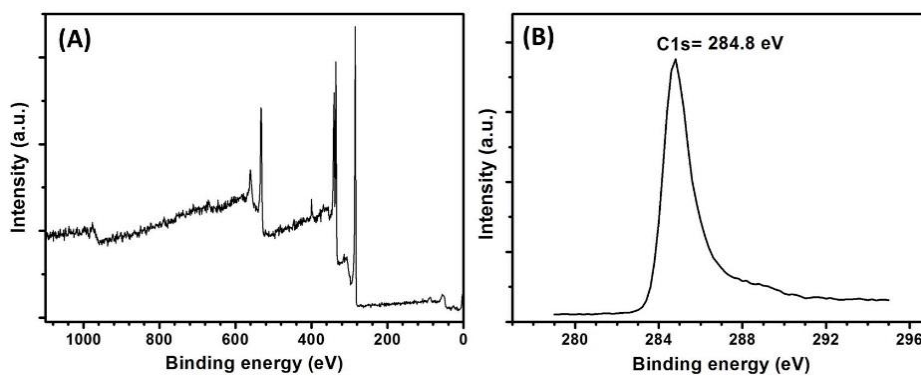


Figure S2. XPS of the rGO-Fe₄₈Pd₅₂ catalyst (A) Survey (B) C1s region.

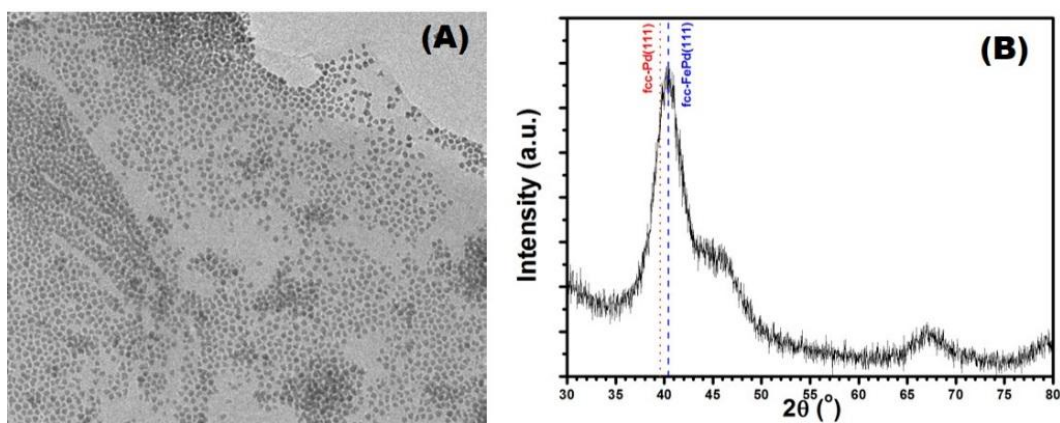
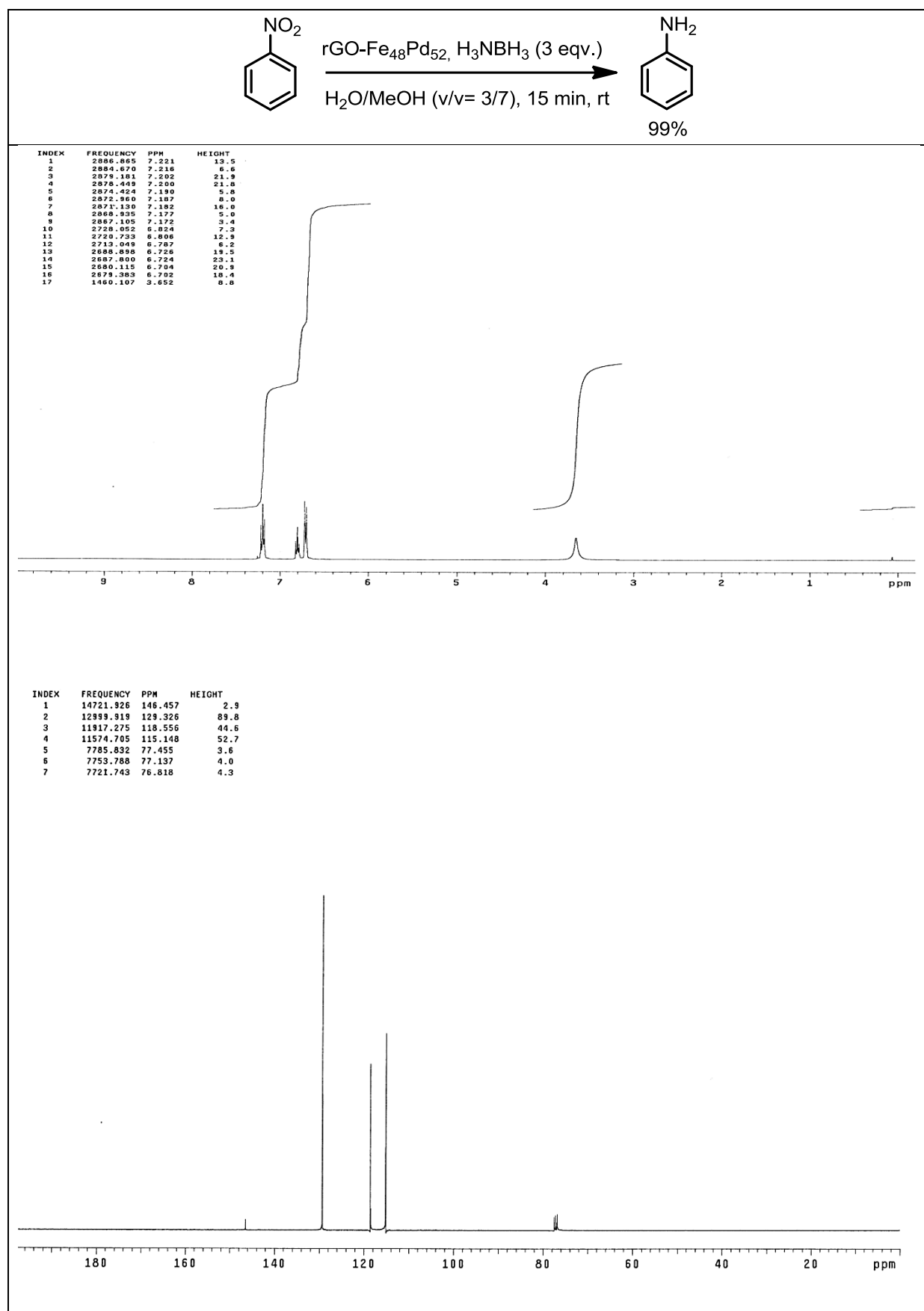
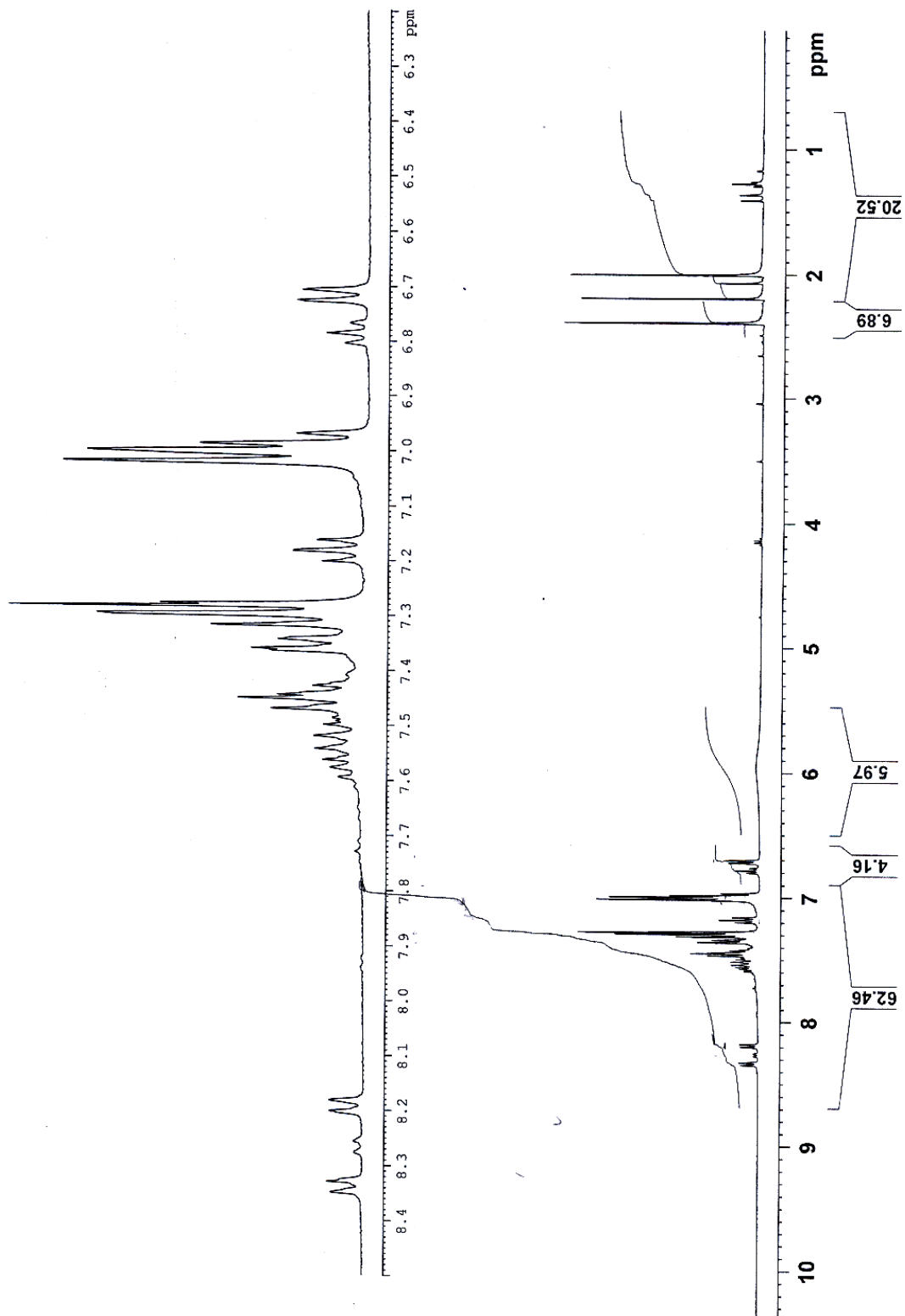
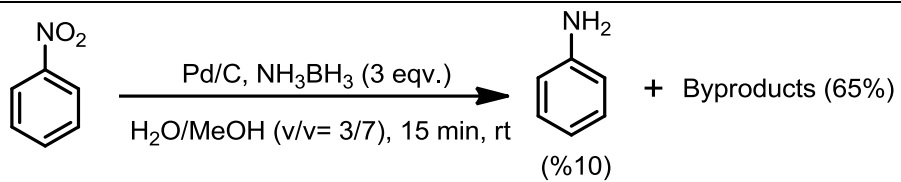
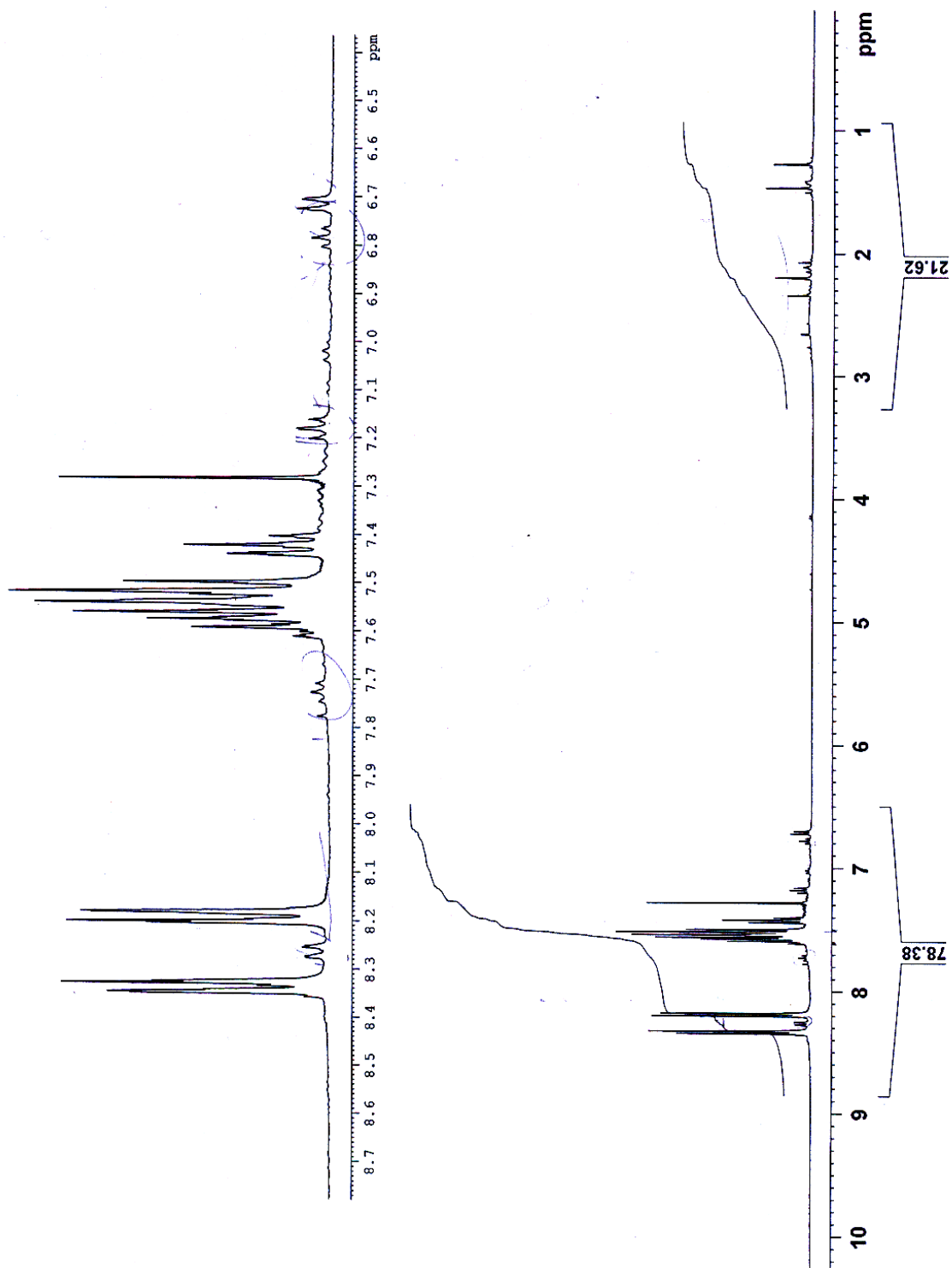
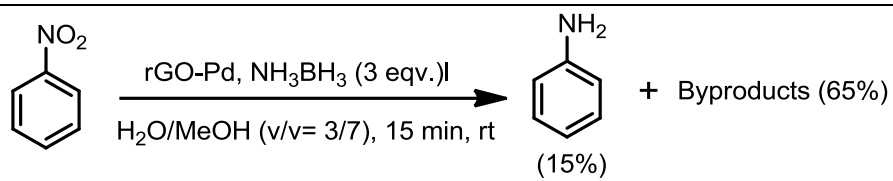


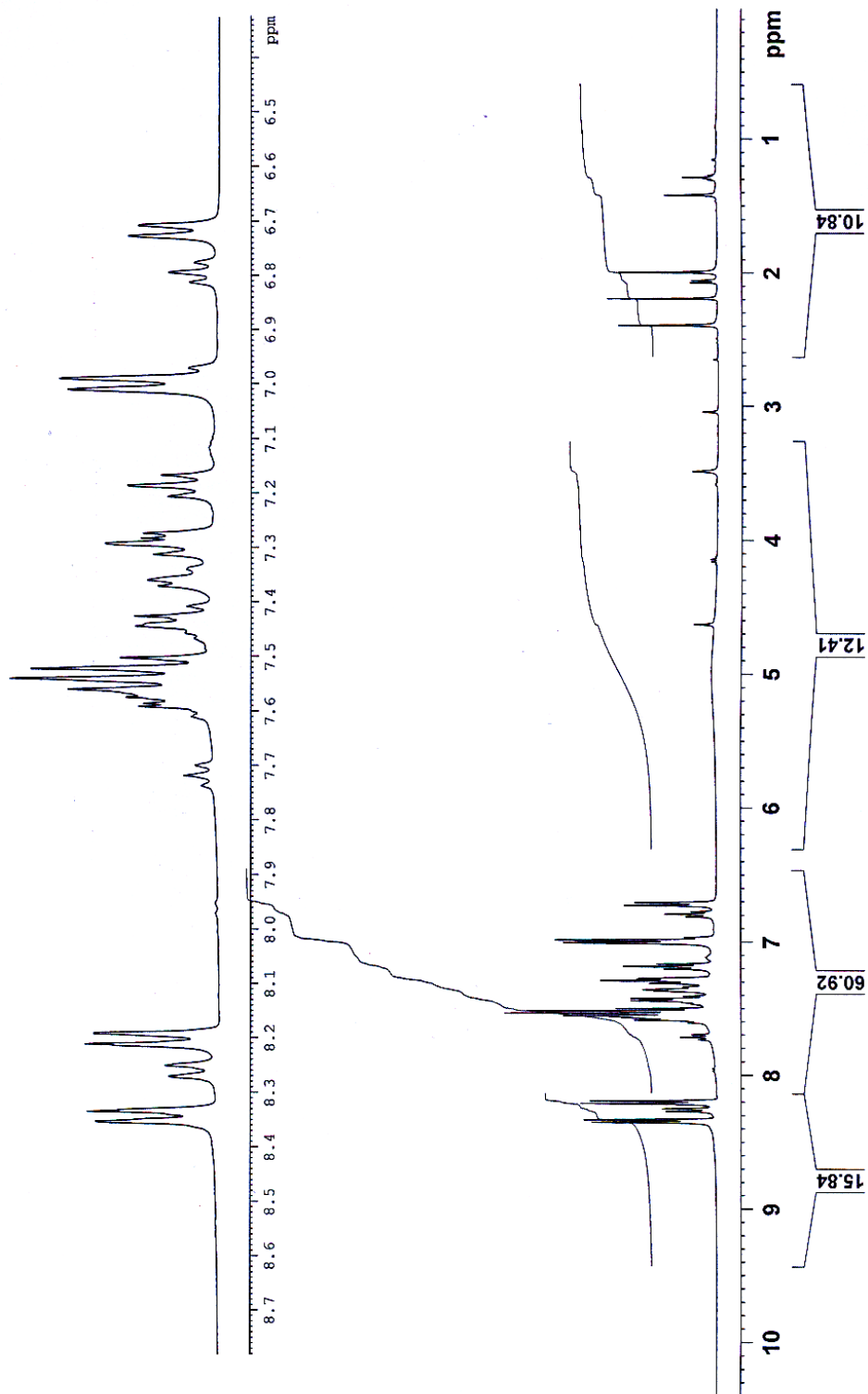
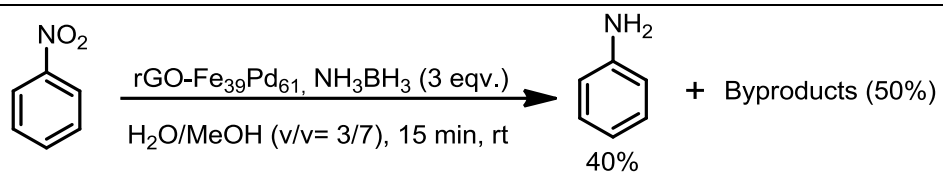
Figure S3. (A) A representative TEM image (B) XRD pattern of rGO-Fe₄₈Pd₅₂ catalyst after the 5 reaction cycles.

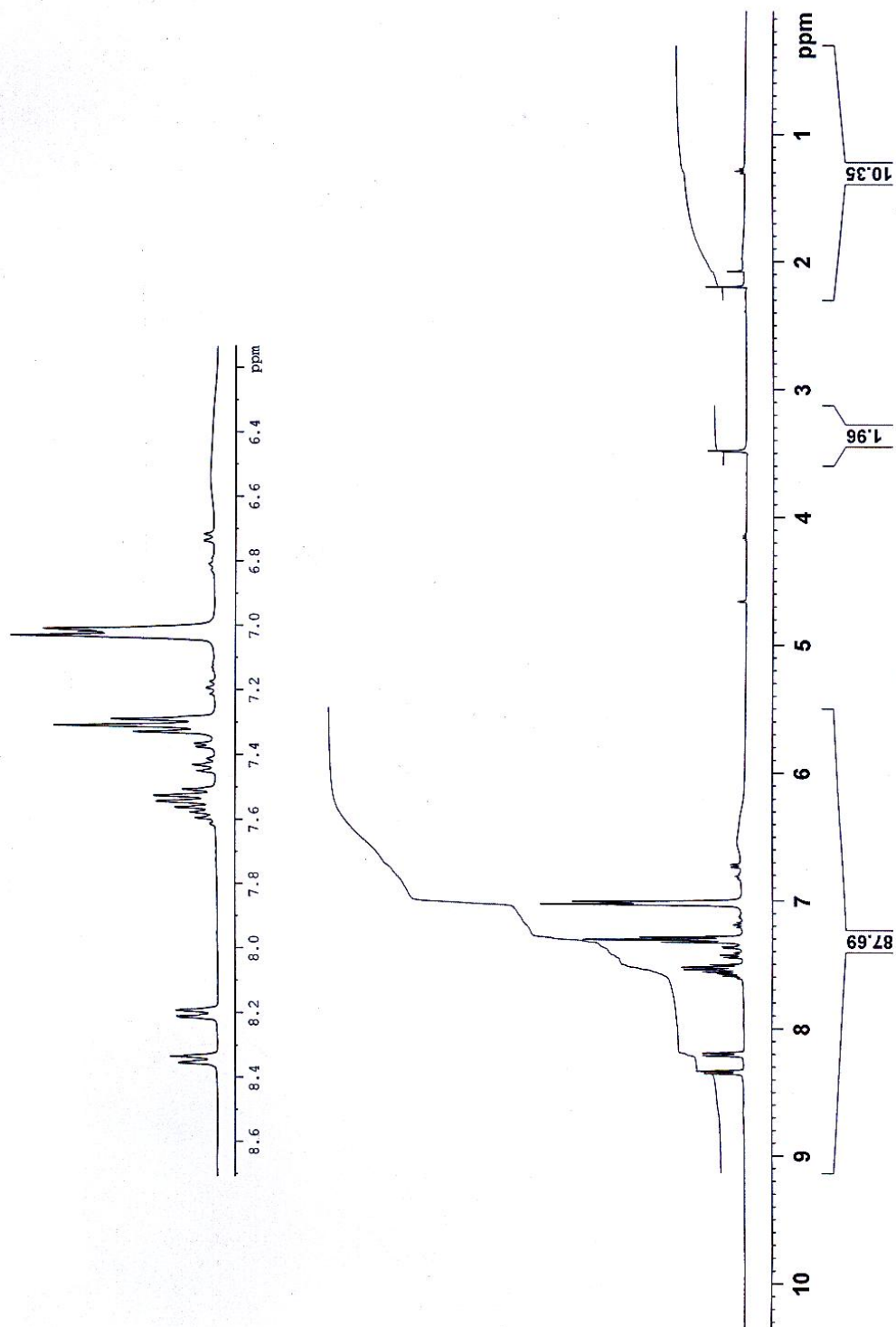
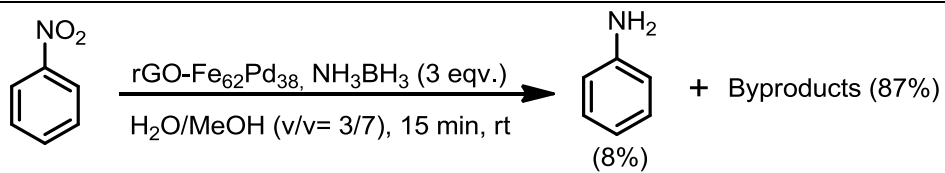
¹H-NMR and ¹³C-NMR spectra of the catalysis studies presented by Table 1











^1H -NMR and ^{13}C -NMR spectra of the byproducts

