

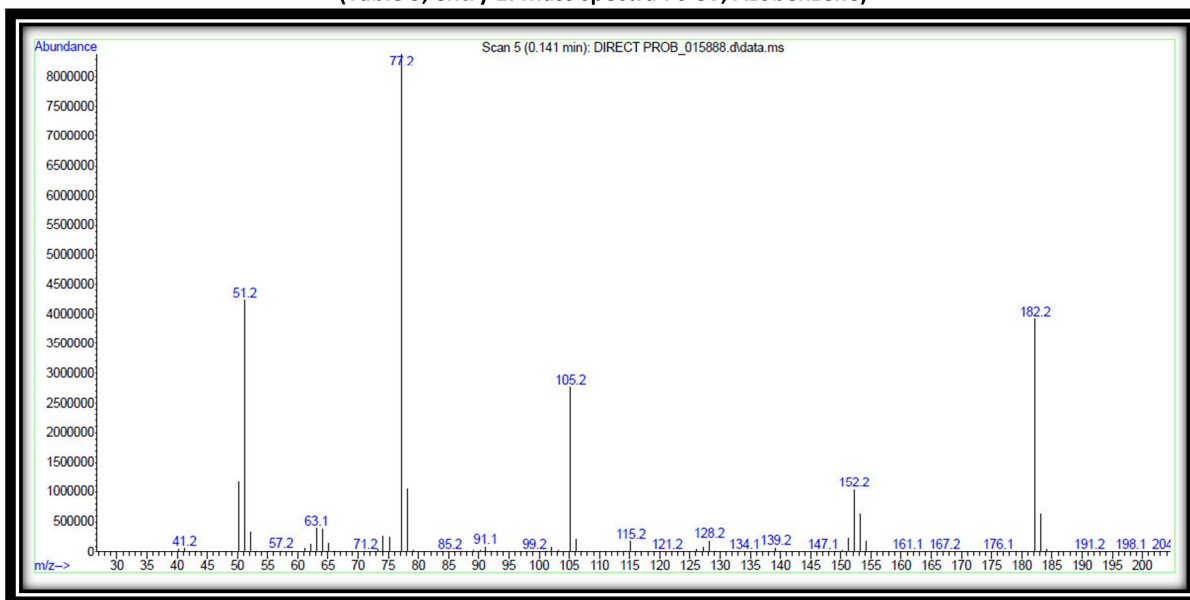
(Supporting Information)

**The Immobilized Antimony Species on Magnetite: a Novel and Highly Efficient Magnetically Reusable Nanocatalyst for Direct and Gram Scale Reductive-Coupling of Nitroarenes to Azoarenes**

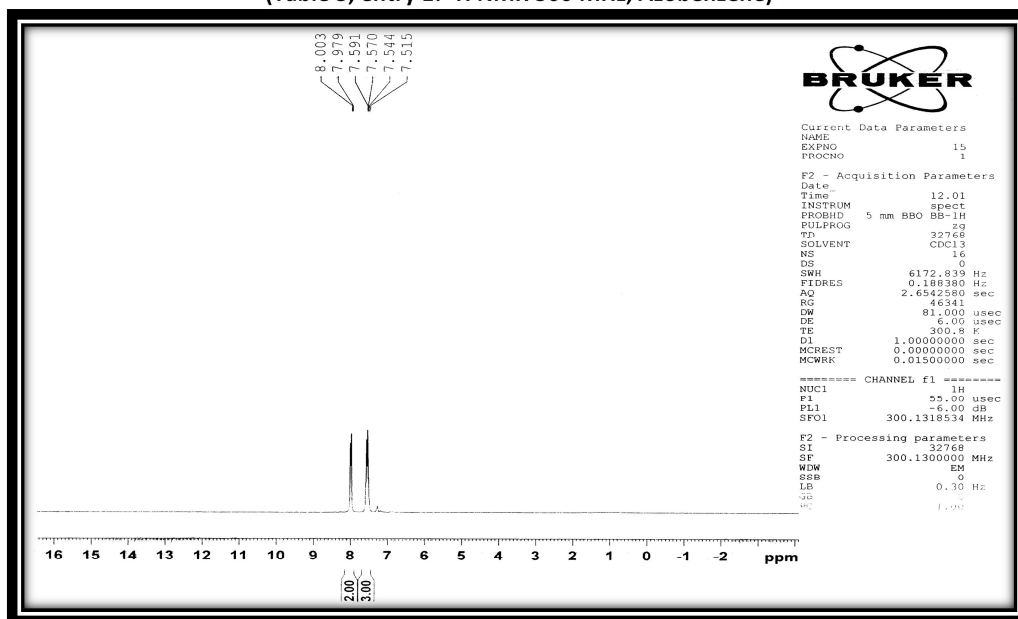
Behzad Zeynizadeh\* and Fariba Faraji

Department of Chemistry, Faculty of Science, Urmia University, Urmia 5756151818, Iran  
E-mail: bzeynizadeh@gmail.com

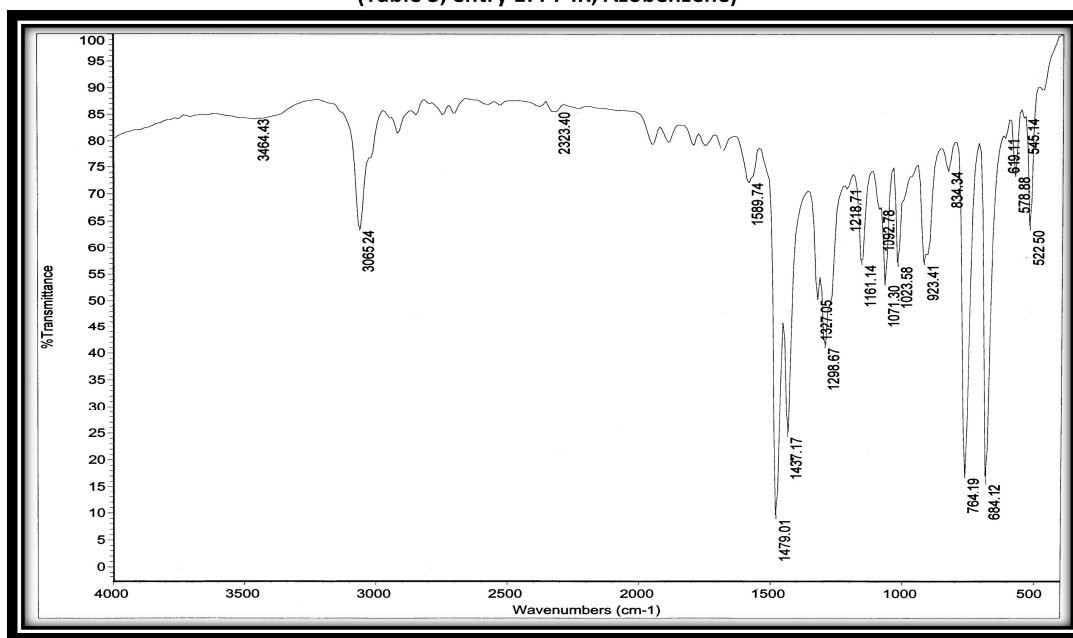
(Table 3, entry 1: Mass spectra 70 eV, Azobenzene)



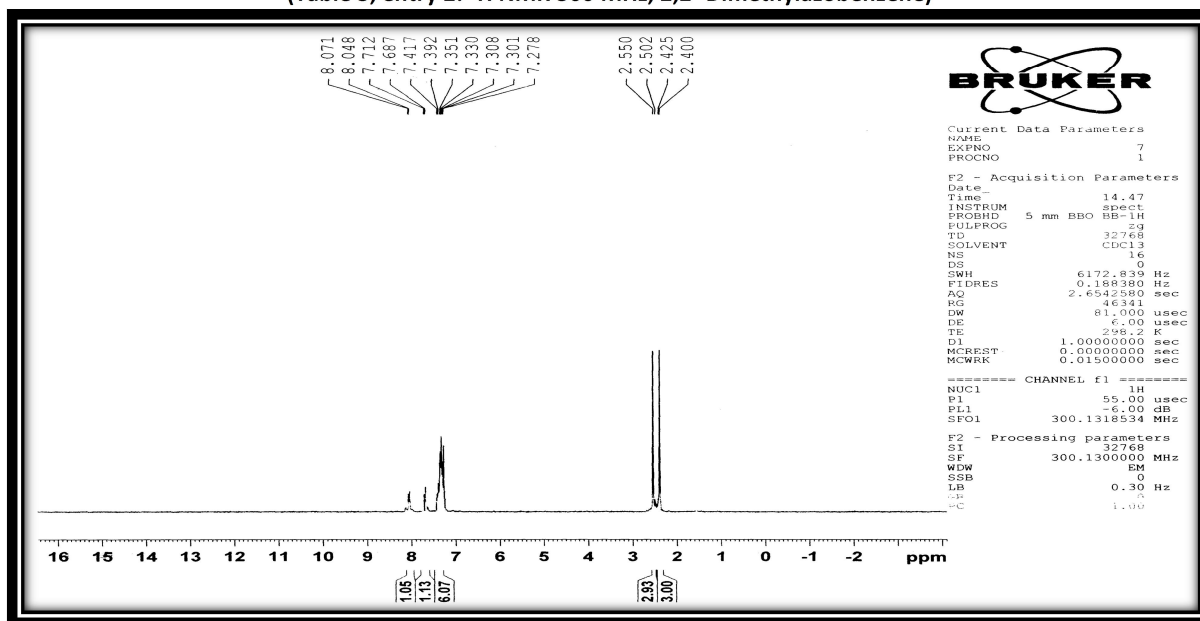
(Table 3, entry 1: <sup>1</sup>H NMR 300 MHz, Azobenzene)



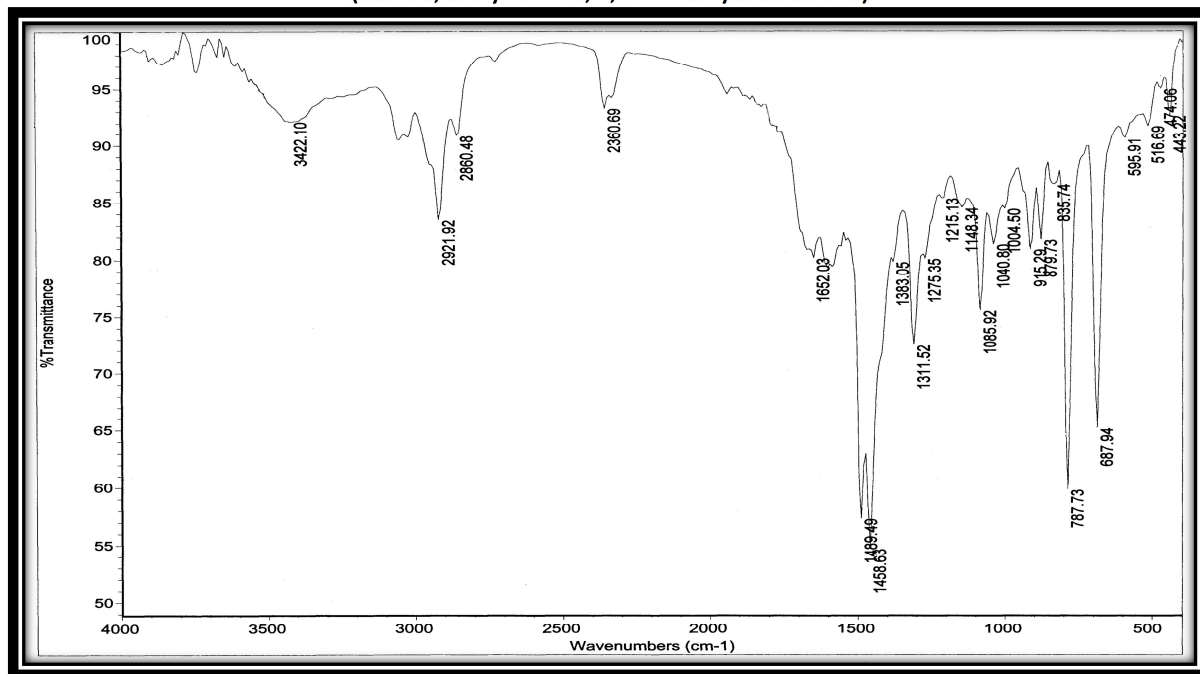
(Table 3, entry 1: FT-IR, Azobenzene)



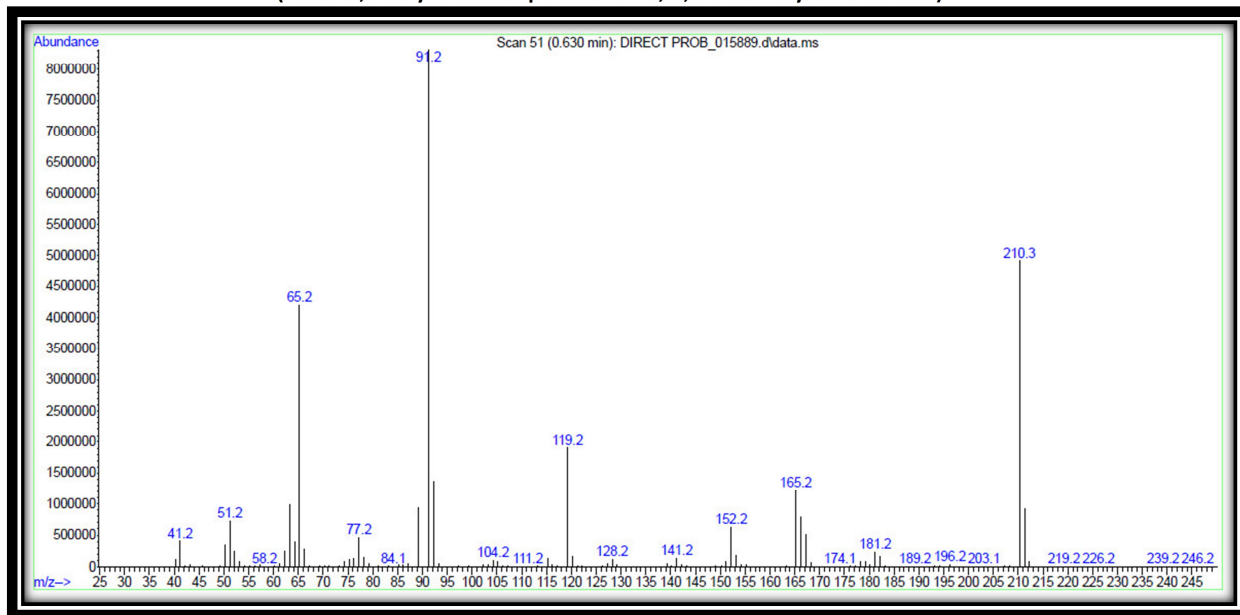
(Table 3, entry 2: <sup>1</sup>H NMR 300 MHz, 2,2'-Dimethylazobenzene)



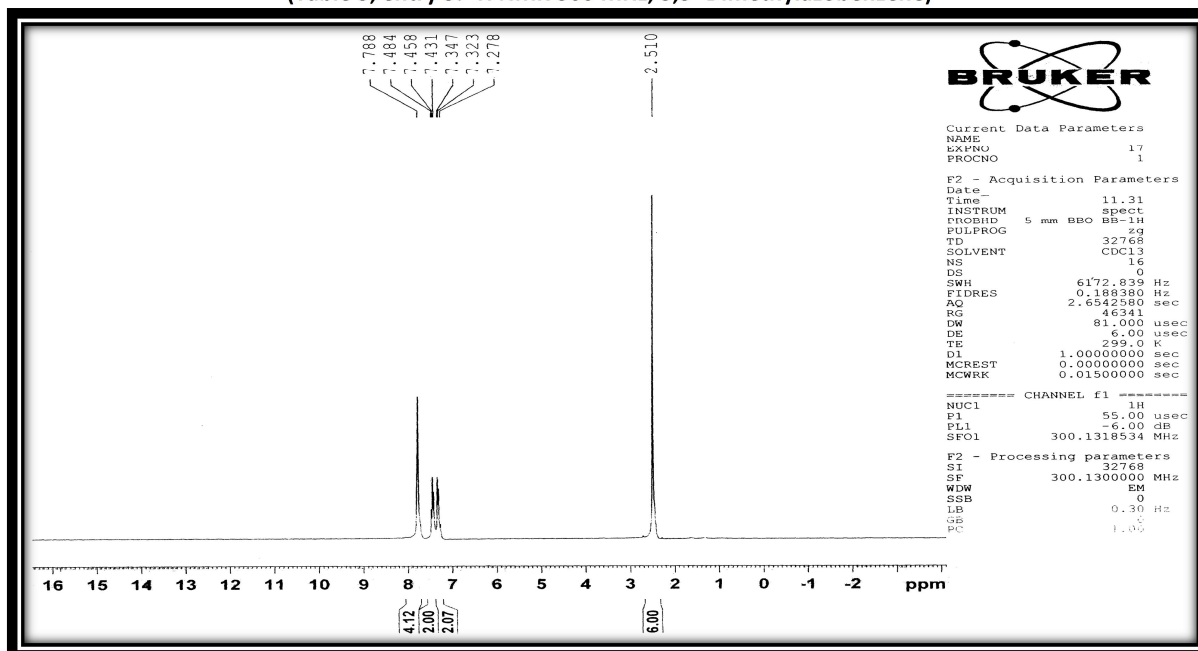
(Table 3, entry 2: FT-IR, 2,2'-Dimethylazobenzene)



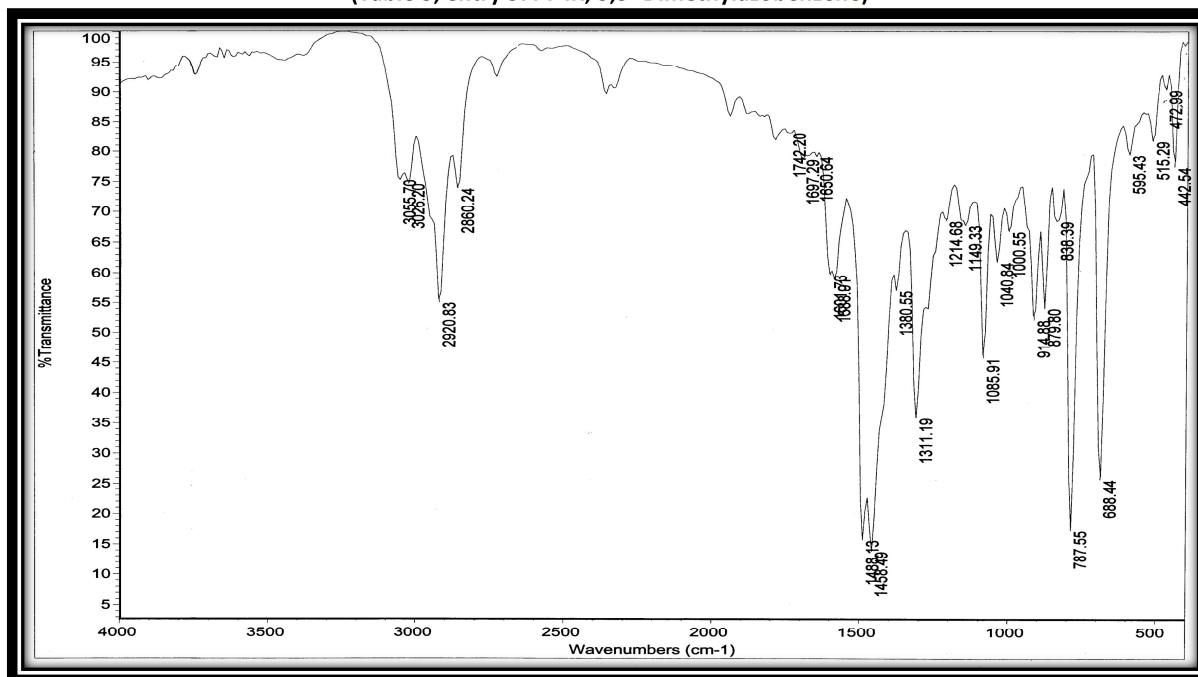
(Table 3, entry 3: Mass spectra 70 eV, 3,3'-Dimethylazobenzene)



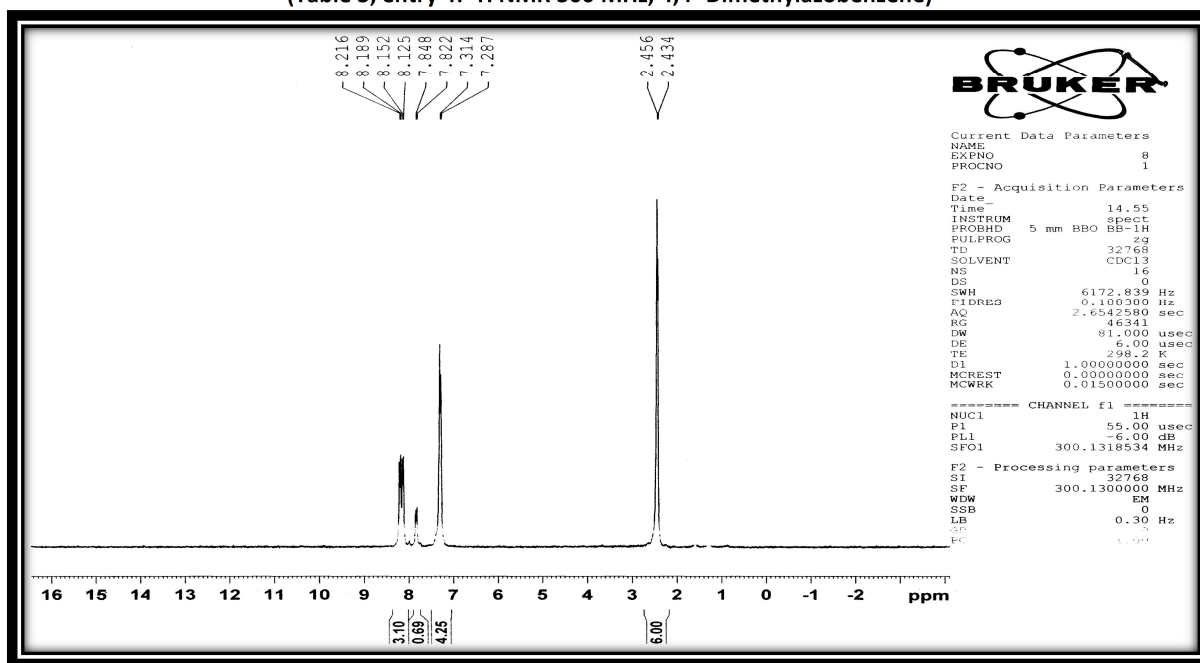
(Table 3, entry 3:  $^1\text{H}$  NMR 300 MHz, 3,3'-Dimethylazobenzene)



(Table 3, entry 3: FT-IR, 3,3'-Dimethylazobenzene)



(Table 3, entry 4:  $^1\text{H}$  NMR 300 MHz, 4,4'-Dimethylazobenzene)



(Table 3, entry 4: FT-IR, 4,4'-Dimethylazobenzene)

