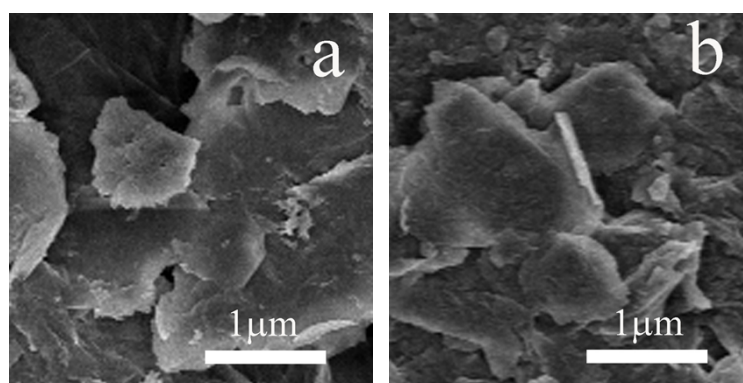


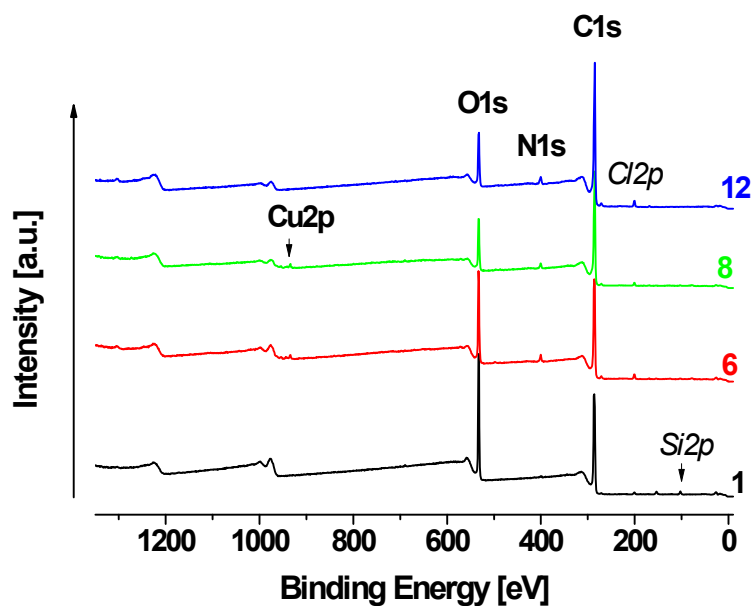
## Supporting Information

### **A Tertiary Amine in Two Competitive Processes: Reduction of Graphene Oxide vs Catalysis of Atom Transfer Radical Polymerization**

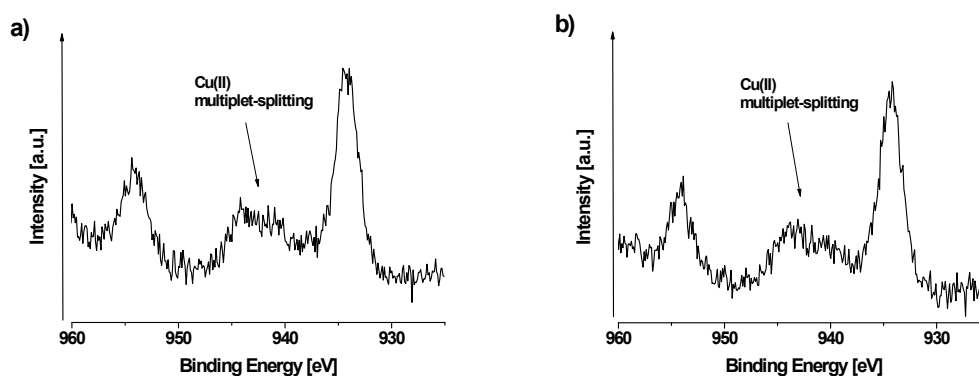
*Markéta Ilčíková, Miroslav Mrlik, Zdenko Špitálský, Matej Mičušík, Katarina Csomorová,  
Vlasta Sasinková, Angela Kleinová and Jaroslav Mosnáček\**



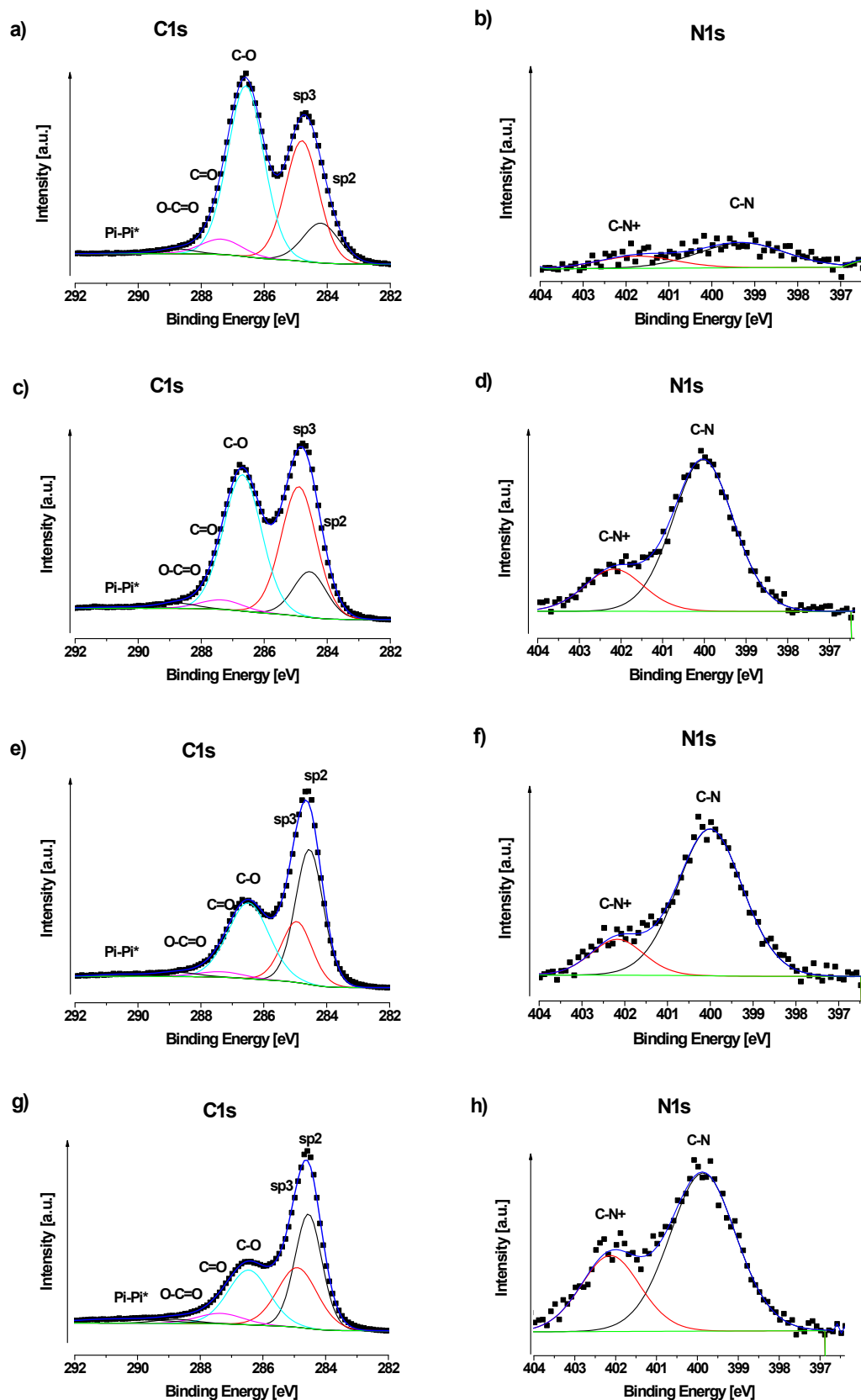
**Figure S1.** SEM images of (a) neat GO and (b) GO grafted with PS chains by surface-initiated ATRP



**Figure S2.** XPS Survey spectra of Entries 1, 6, 8 and 12 (*Sip* and *Cl2p* are from contamination as a result of handling and cleaning of the samples, they are in italics, since they are not included in Table 3).



**Figure S3.** XPS Cu2p high resolution spectra of a) Entry 6 and b) Entry 8 in Table 3.



**Figure S4.** XPS C1s and N1s high resolution spectra of Entry 1 (a,b), Entry 6 (c, d), Entry 8 (e, f) and Entry 12 (g, h) in Table 3.