

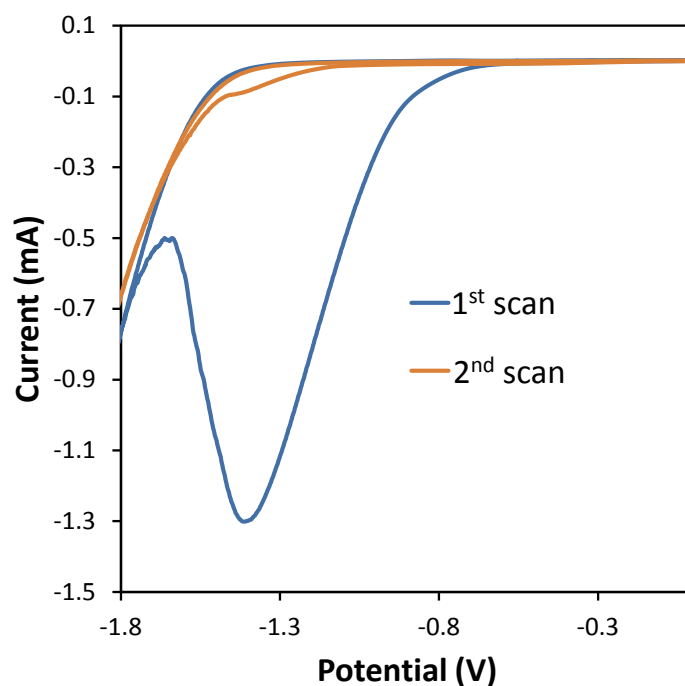
## Supporting Information

### Phenols as probes of chemical composition of graphene oxide

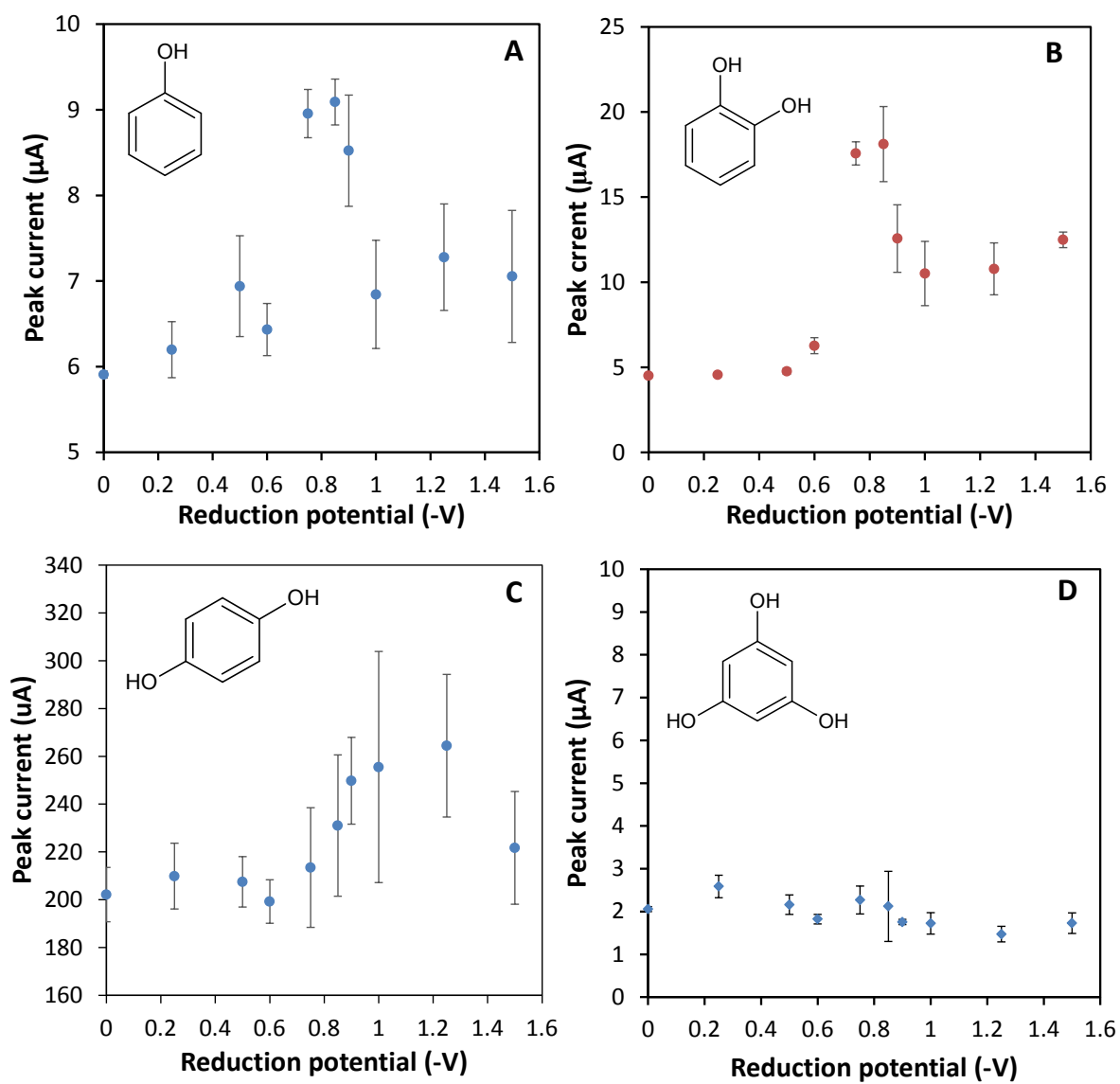
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**Figure S1.** Cyclic voltammogram of graphene oxide (GO) in PBS pH 7.2 deposited on GC electrode. Scan rate 0.1 V s<sup>-1</sup>.



**Figure S2.** Peak current variation against reduction potential of GO material for A) phenol, B) catechol, C) hydroquinone and D) phloroglucinol.