

Supplementary material for the article:

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Supplementary material for:

**Boron-doped diamond electrode – a prestigious unmodified carbon electrode
for simple and fast determination of bentazone in river water samples**

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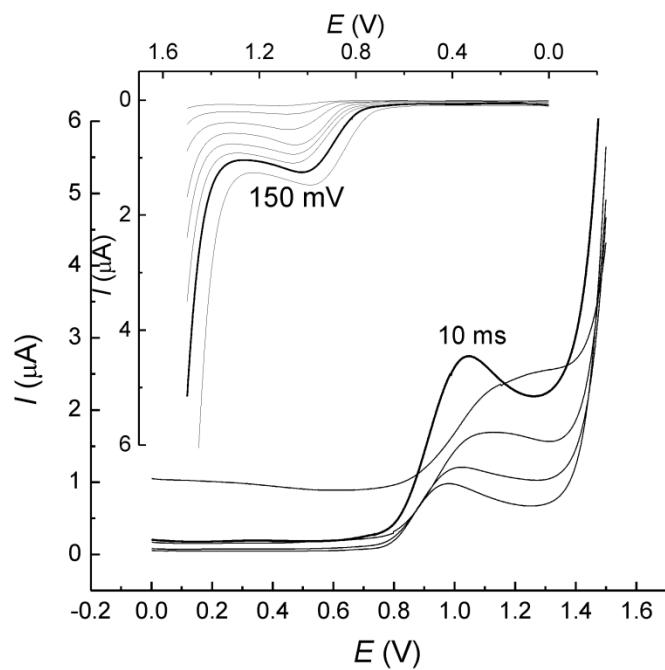


Figure S1. Voltammograms of 100 μM of BZ in BR buffers at pH 4 using BDDE at different working operational parameters for DPV; lower figure – effect of pulse time, upper figure – effect of pulse amplitude

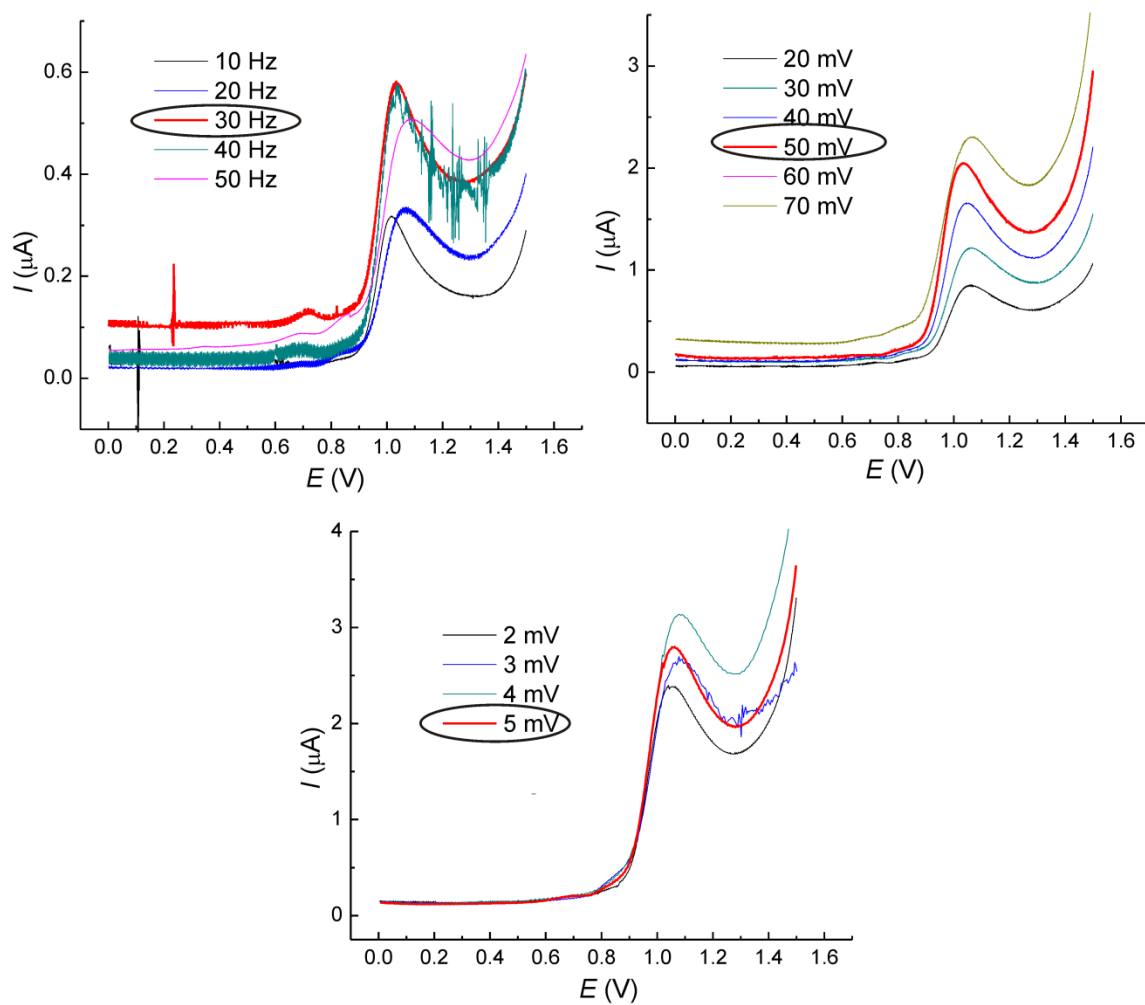


Figure S2. Voltammograms of $100 \mu\text{M}$ of BZ in BR buffers at $\text{pH } 4$ using BDDE at different working operational parameters for SW; above, left figure – effect of frequency; above, right – effect of pulse amplitude; below – effect of potential step

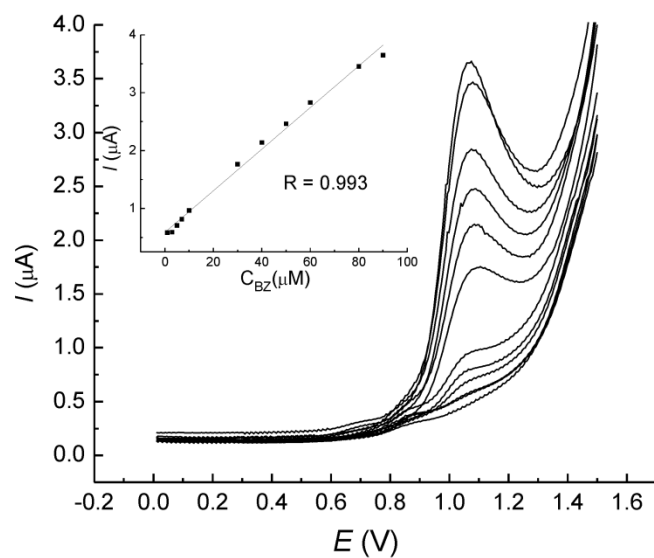


Figure S3. SW voltammograms of various concentrations (0, 1, 3, 5, 7, 10, 30, 40, 50, 60, 80, 90 μM) of bentazone, in BR buffer at pH 4 at BDDE, under optimized experimental conditions; Corresponding calibration curve is in inset.

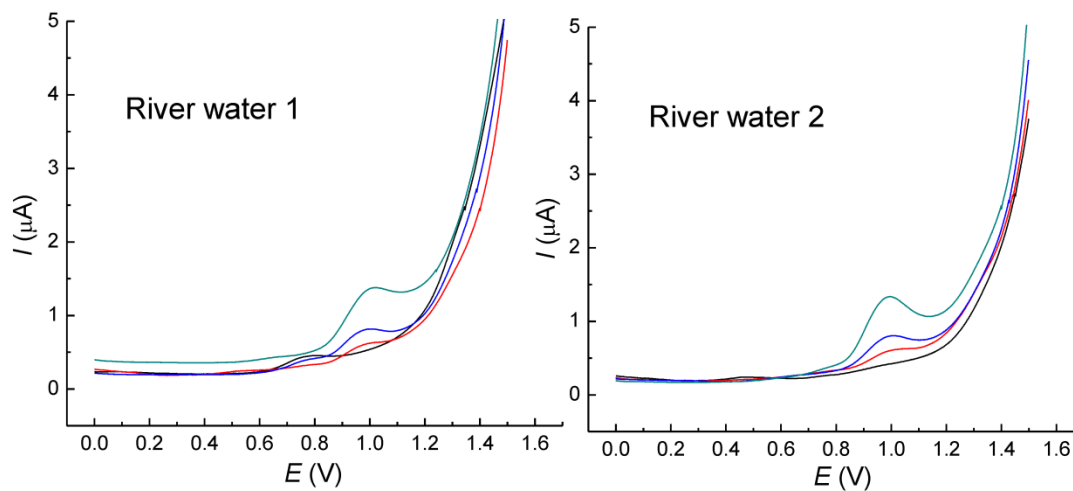


Figure S4. DPVs of BR solutions containing river water samples spiked with various concentrations of bentazone (3, 9 and 24 μM)