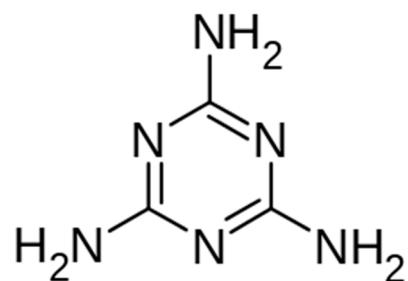
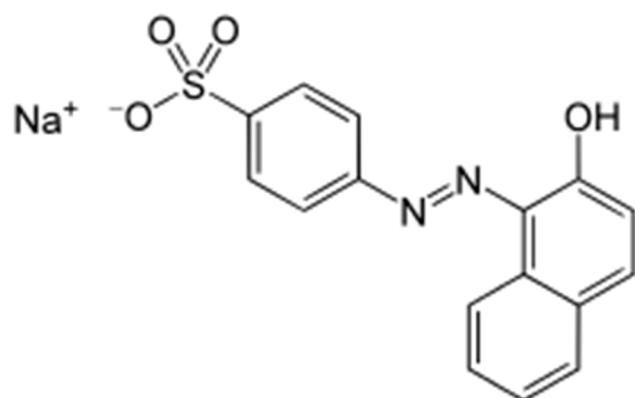


*Supplementary materials*

**Figure S1.** Structure of melamine



**Figure S2.** Structure of Acid Orange 7



**Figure S3.** Images of prepared nanomaterials. a) CN, b) S-CN, c) Mes-CN, d) ExCN, e) Mes-ExCN.