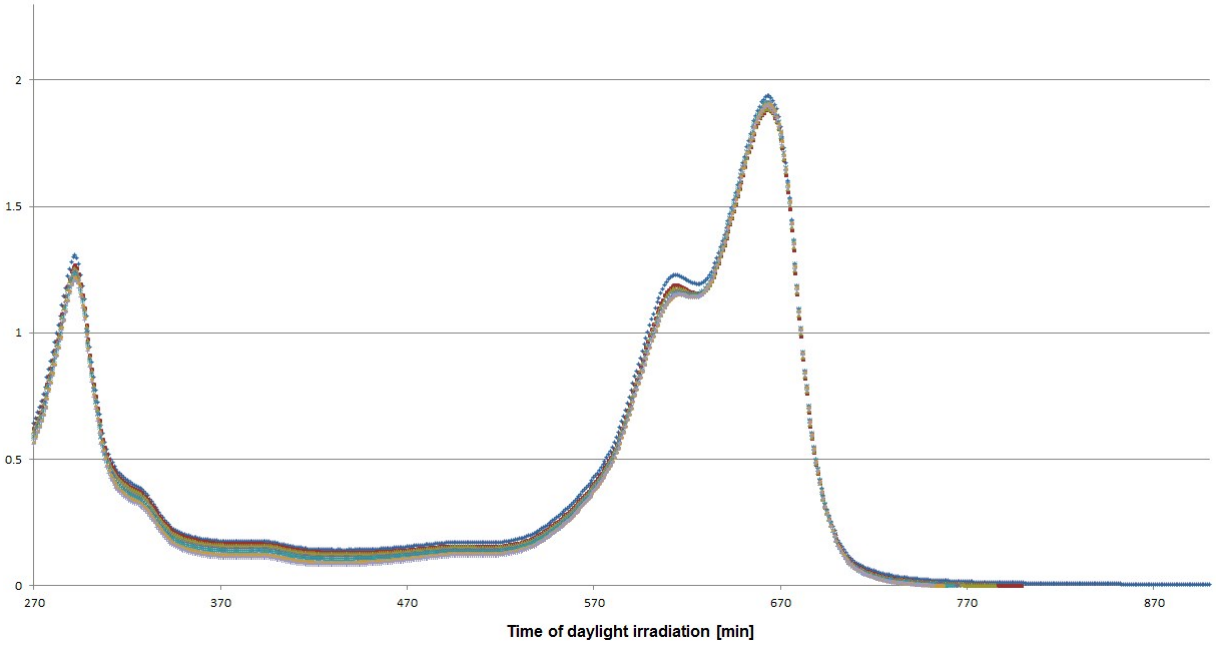
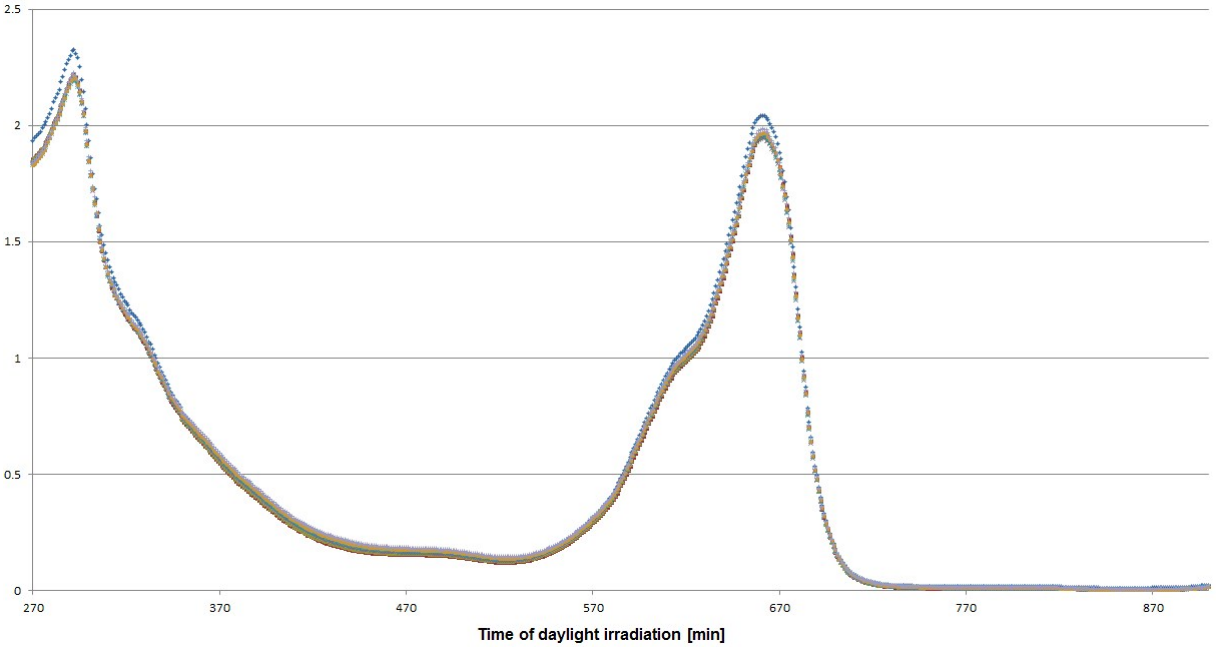
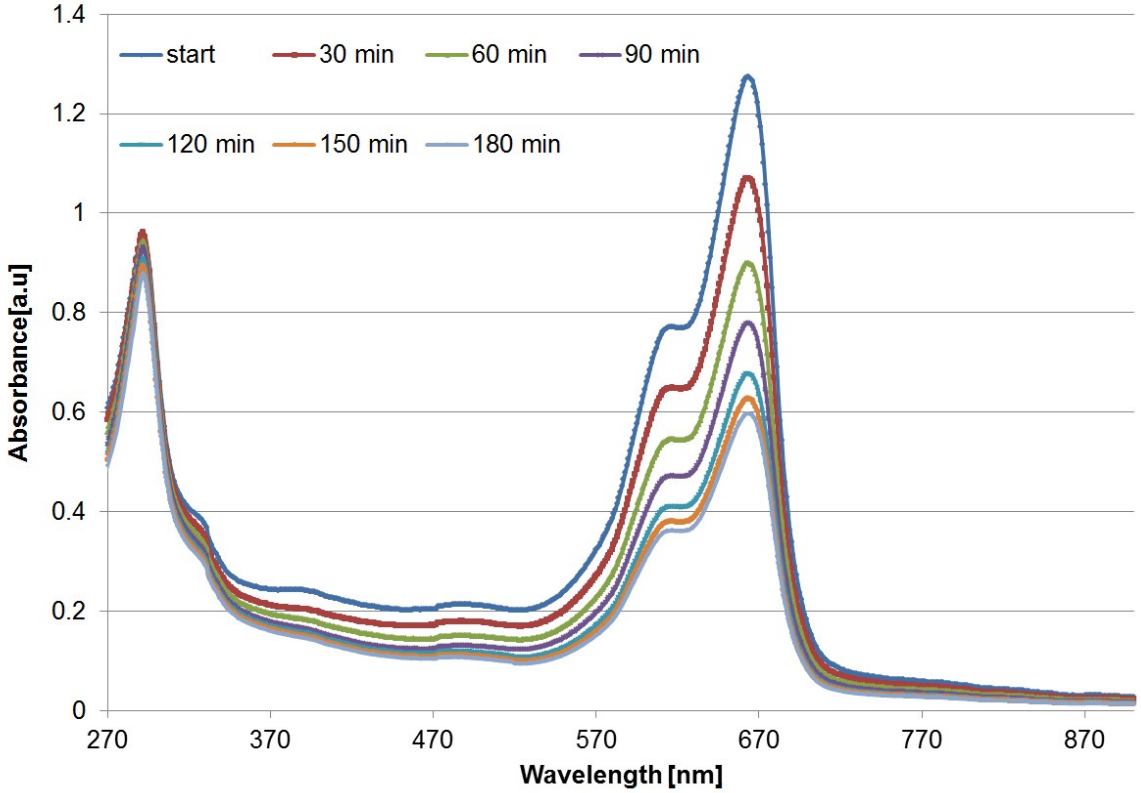
Electronic Supplementary Material (ESI) for Dalton Transactions.



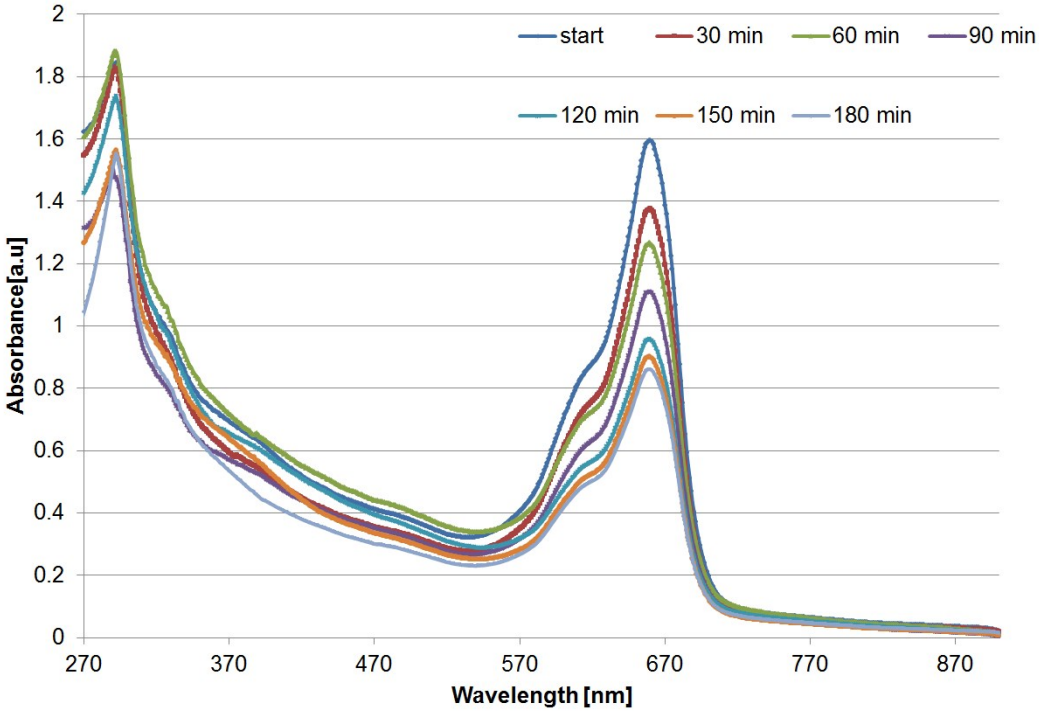
Progress of MB degradation in presence of FeS-derived colloid obtained by laser ablation of FeS in DEI water (adsorption peak at 296 nm belongs to FeS-based particles) in dark



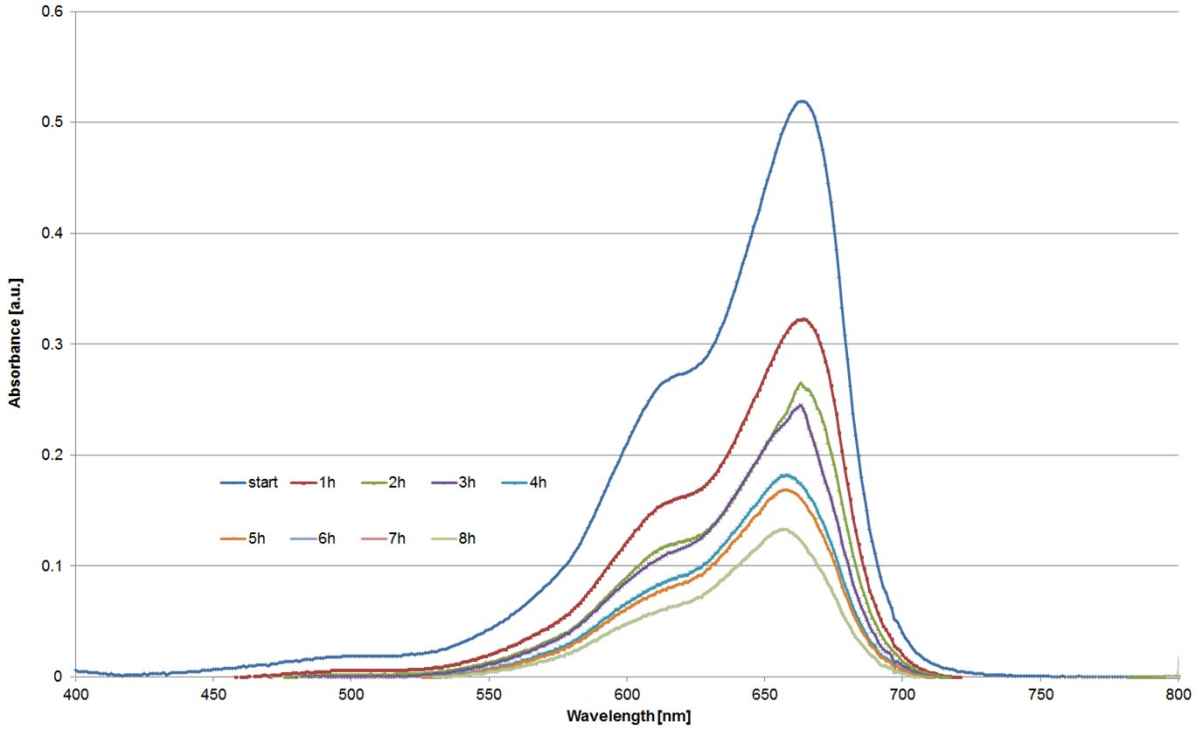
Progress of MB degradation in presence of FeS- derived colloid obtained by laser ablation of FeS in ethanol (adsorption peak at 296 nm belongs to FeS-based particles) in dark



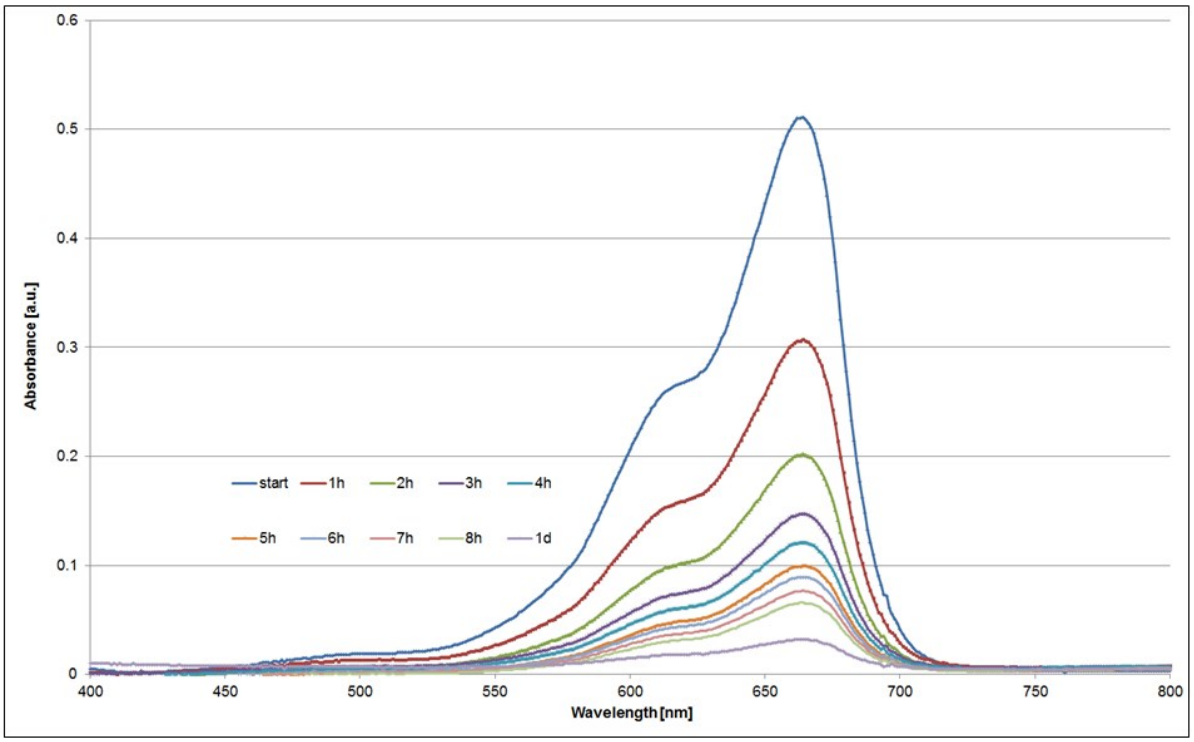
Progress of MB degradation in presence of FeS- derived colloid obtained by laser ablation of FeS in DEI water (adsorption peak at 296 nm belongs to FeS- derived particles) under daylight exposure



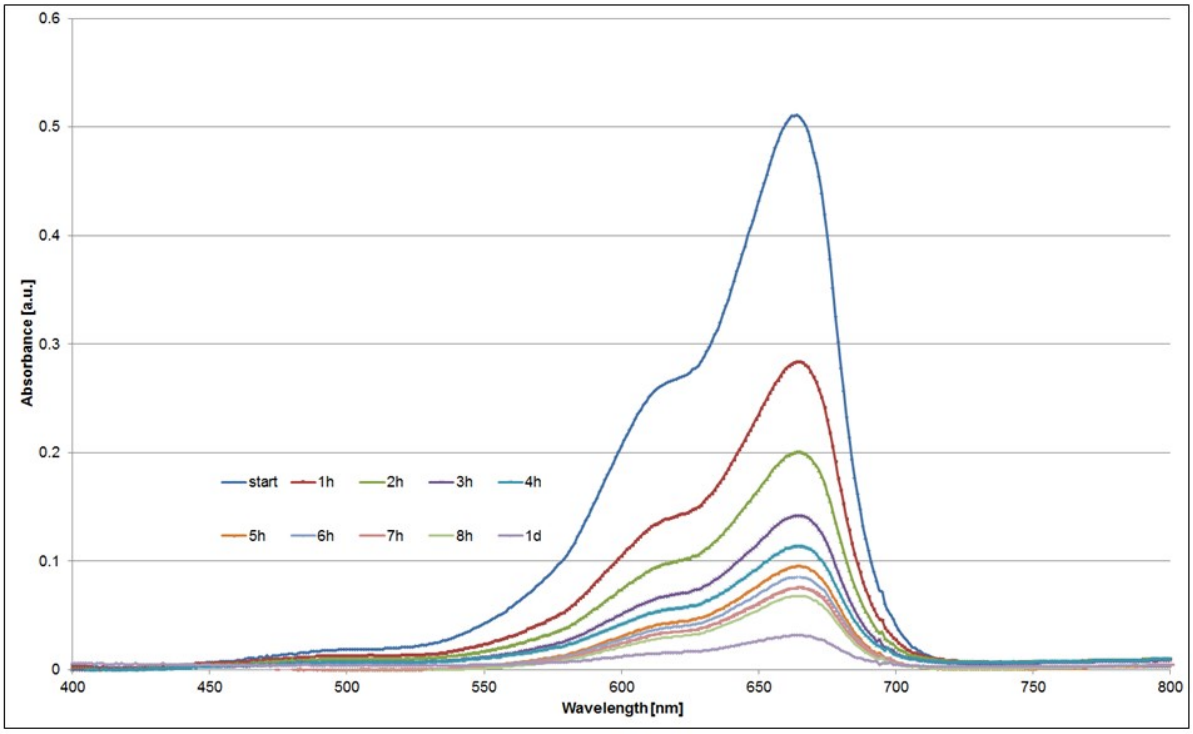
Progress of MB degradation in presence of FeS- derived colloid obtained by laser ablation of FeS in ethanol (adsorption peak at 296 nm belongs to FeS- derived particles) under daylight exposure



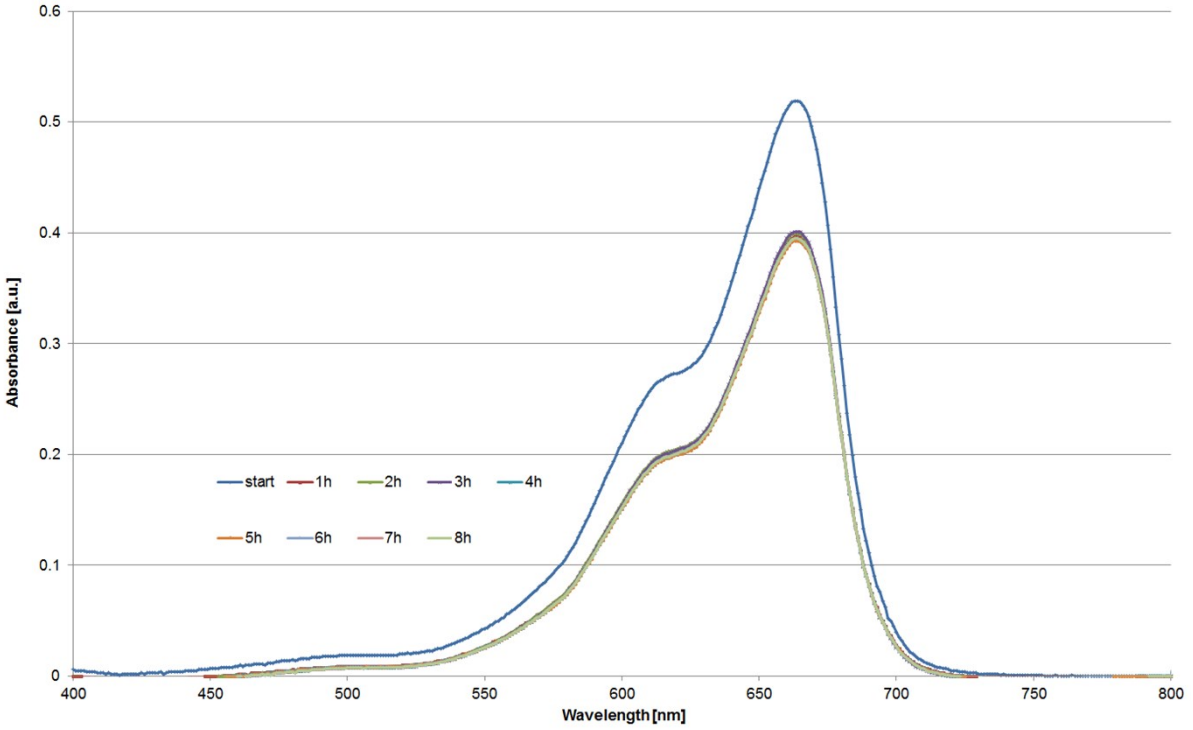
Progress of MB degradation in presence of A-carrier under the daylight exposure



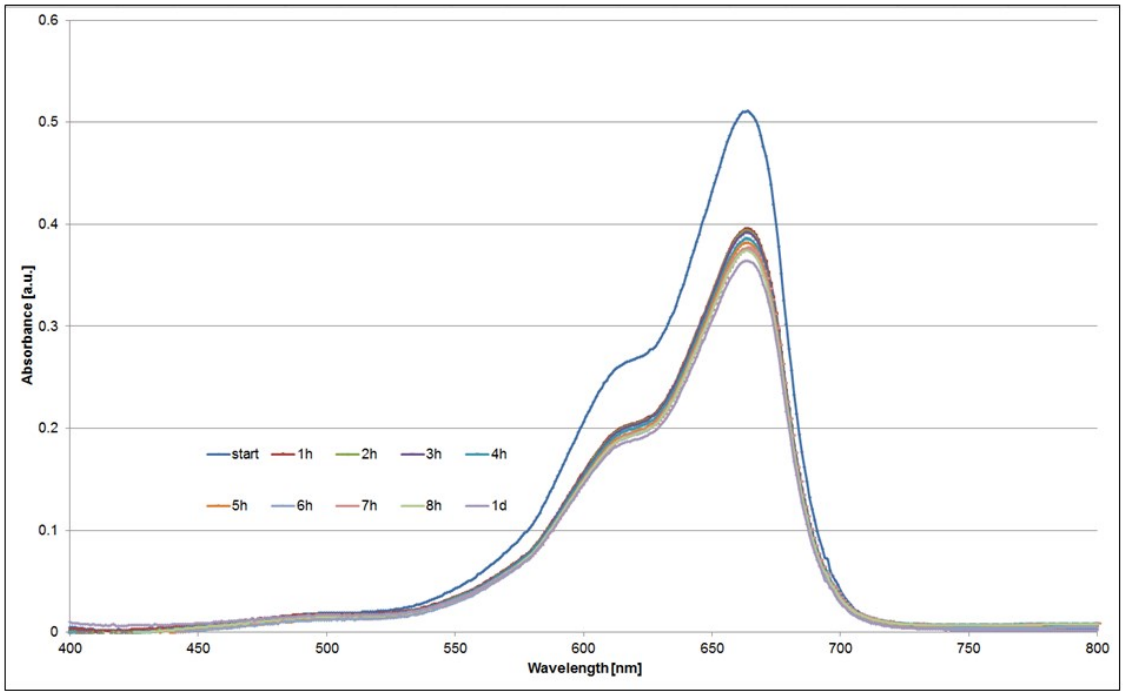
Progress of MB degradation in presence of A-carrier functionalized by FeS- derived particles ablatively prepared in water under the daylight exposure



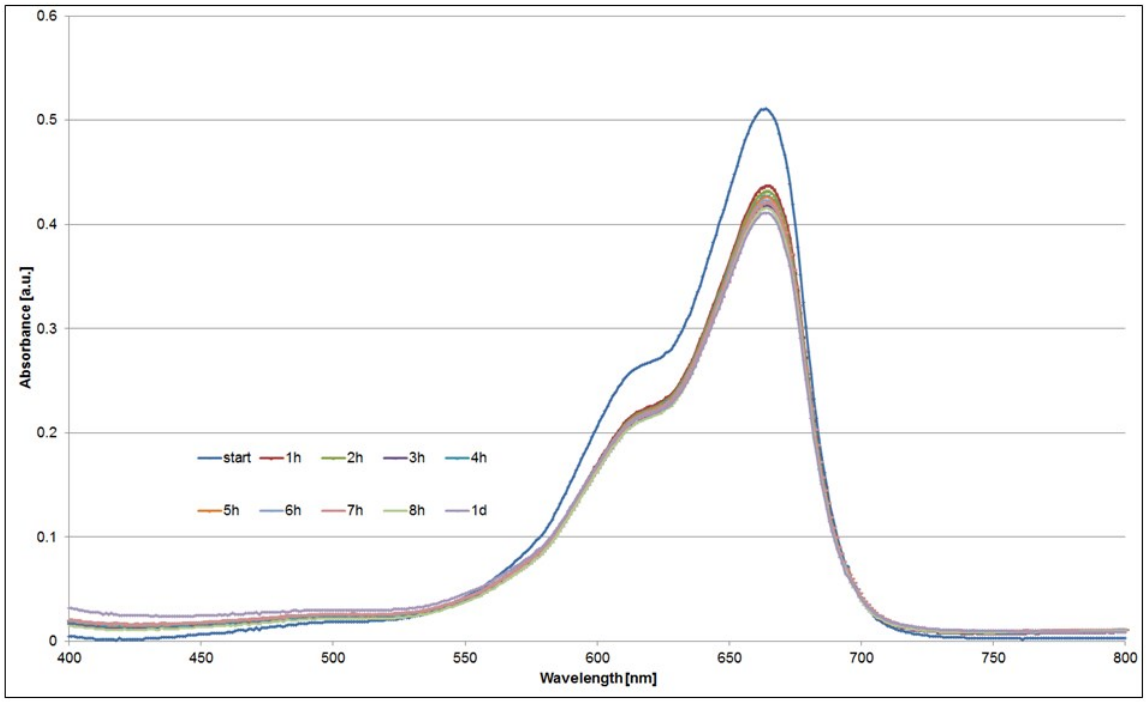
Progress of MB degradation in presence of A-carrier functionalized by FeS- derived particles ablatively prepared in ethanol under the daylight exposure



Progress of MB degradation in presence of B-carrier under the daylight exposure



Progress of MB degradation in presence of B-carrier functionalized by FeS- derived particles ablatively prepared in water under the daylight exposure



Progress of MB degradation in presence of B-carrier functionalized by FeS- derived particles ablatively prepared in ethanol under the daylight exposure