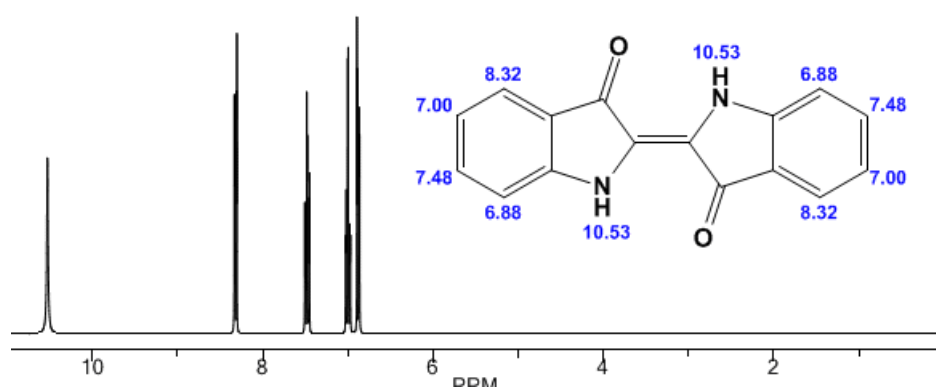
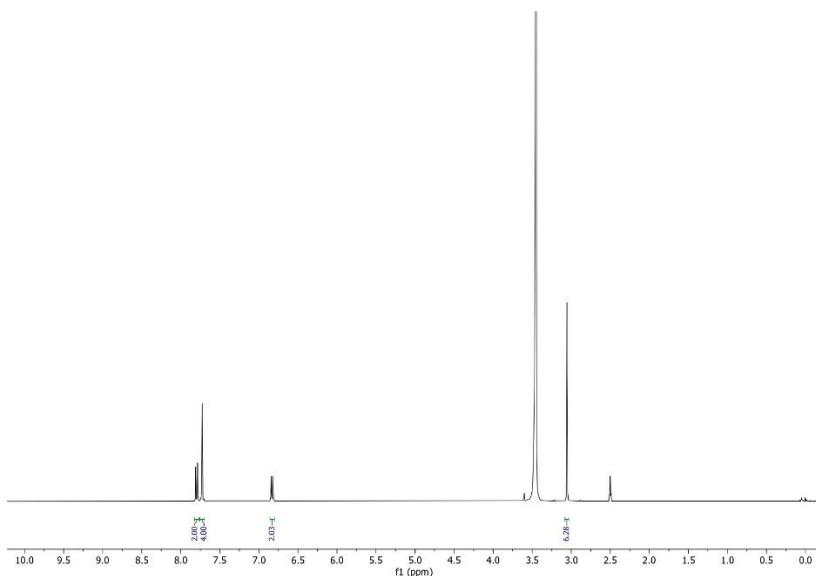
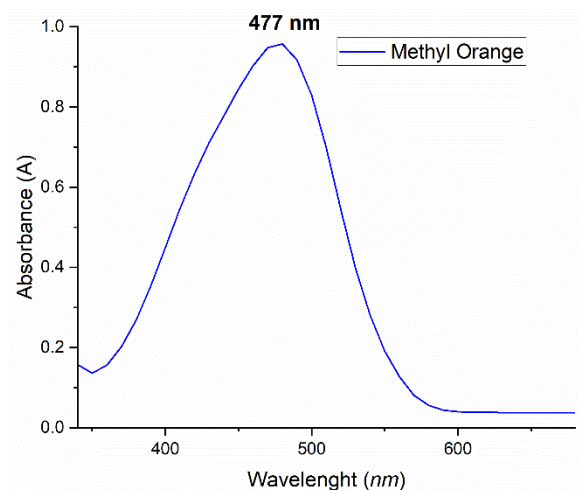
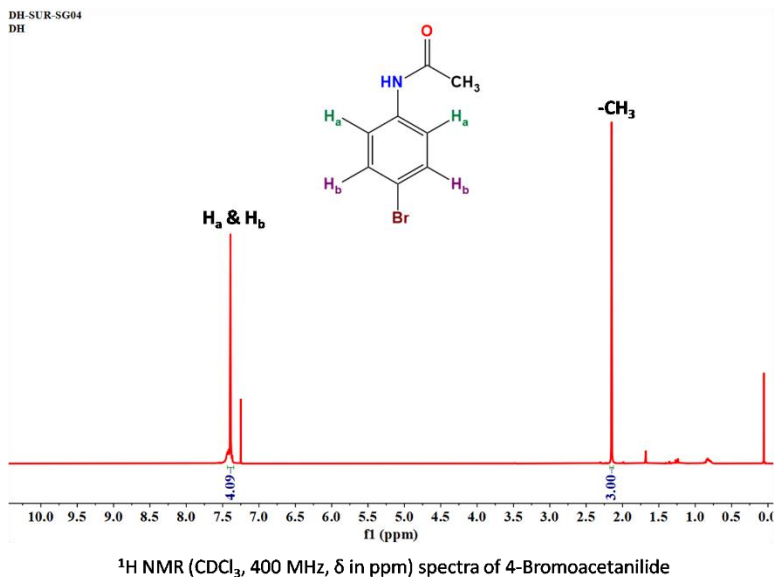
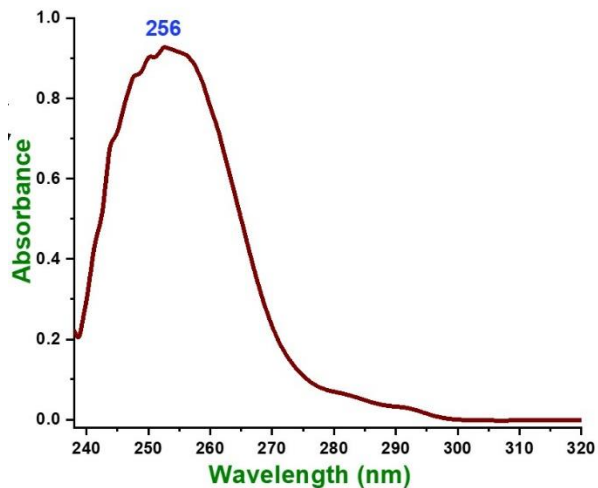
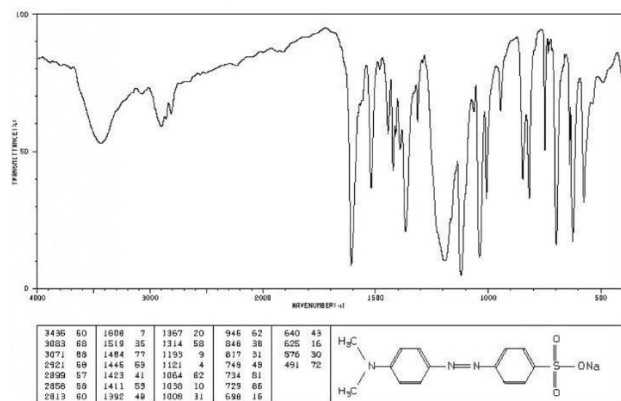


Optical absorbance spectra of Indigo

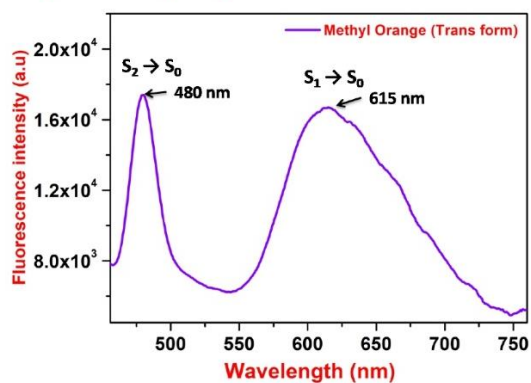


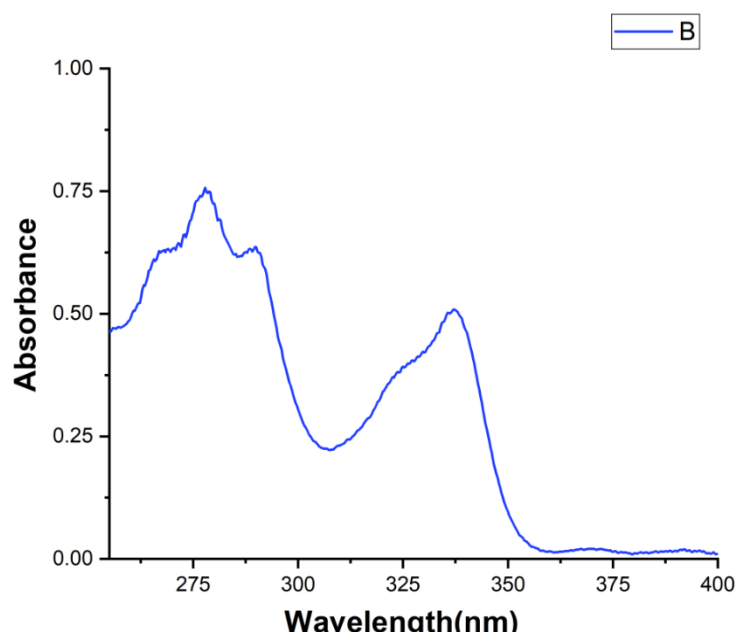


### FT-IR of Methyl Orange:

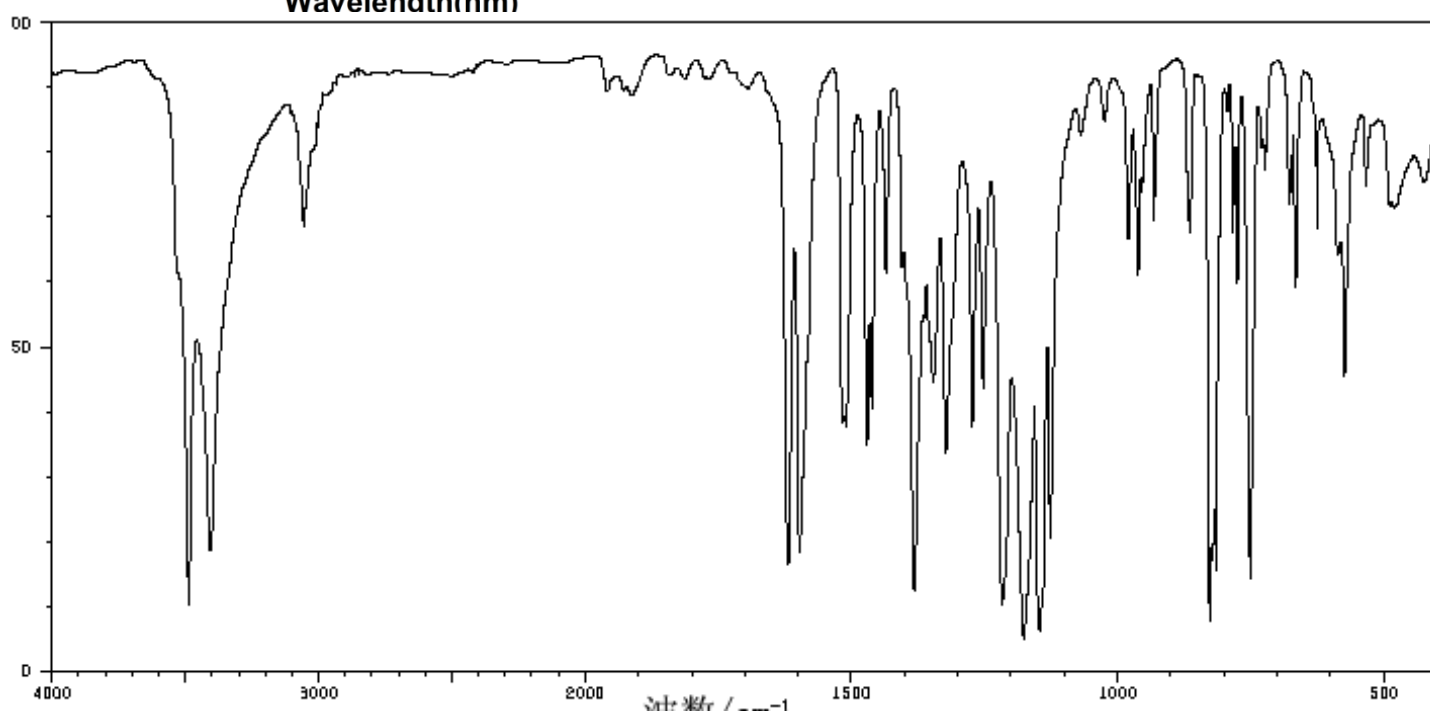
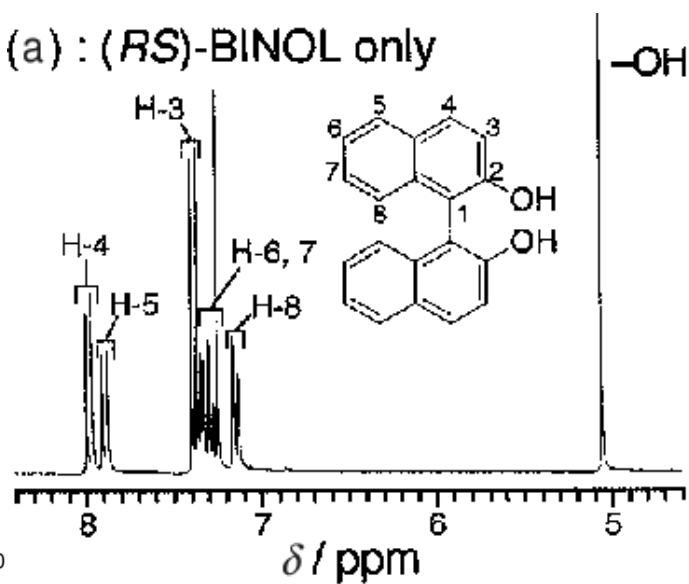


### Emission spectra of Methyl Orange:





(a) : (RS)-BINOL only



3487	10	1471	39	1273	36	980	64	783	66
3405	17	1462	38	1253	42	961	58	775	57
1619	16	1438	58	1217	10	932	66	751	13
1598	17	1406	60	1177	4	864	66	666	57
1582	46	1382	12	1146	6	827	7	626	66
1516	37	1347	42	1141	11	822	16	586	62
1509	36	1323	32	1127	20	816	14	574	43

