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Supplementary Material

Difunctionalized N-Confused Porphyrins: Synthesis, Fluorescence, and Electrochemical Studies

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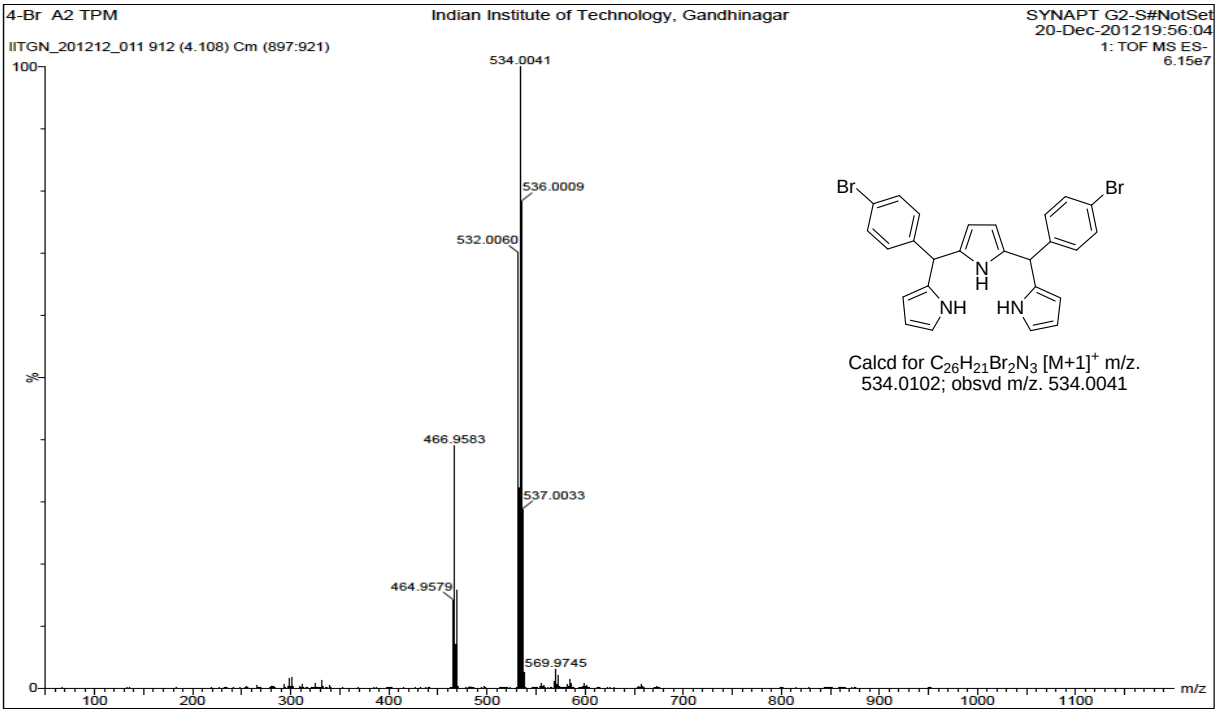


Figure 1. HRMS of compound **4**

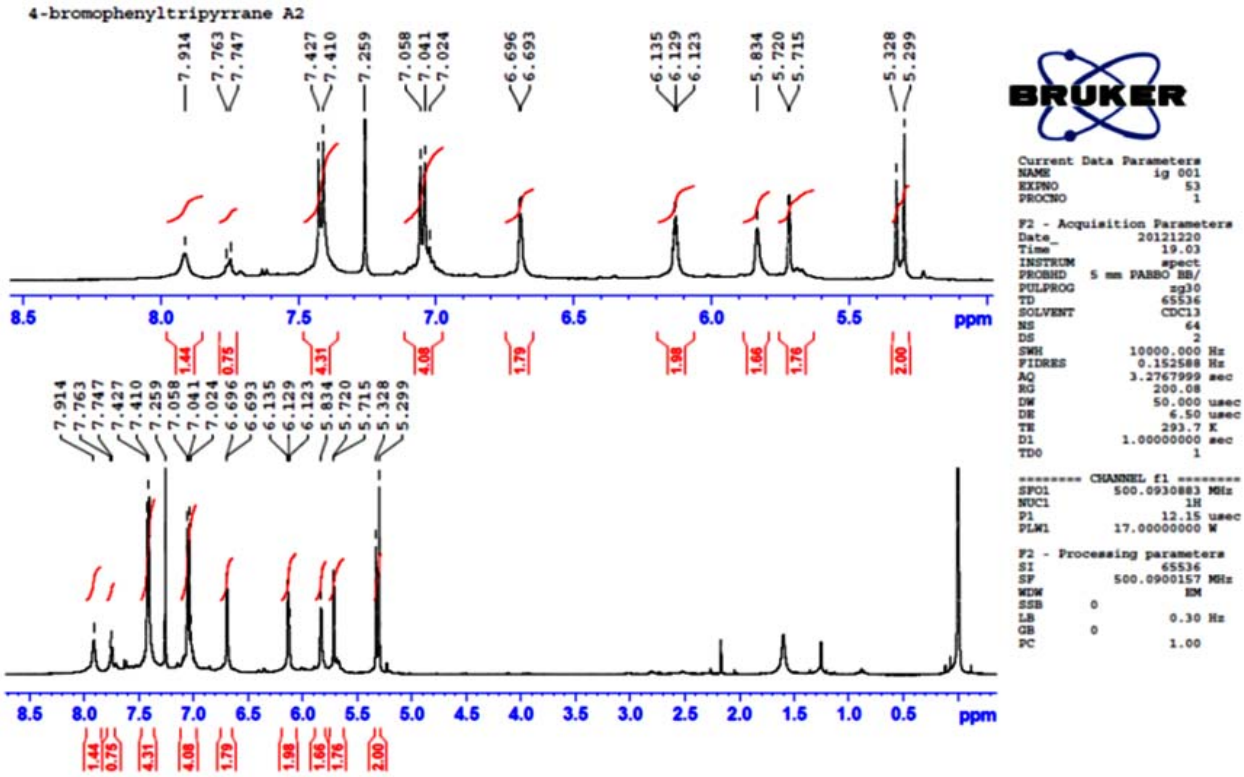


Figure 2. ^{1}H NMR of compound **4** in $CDCl_3$

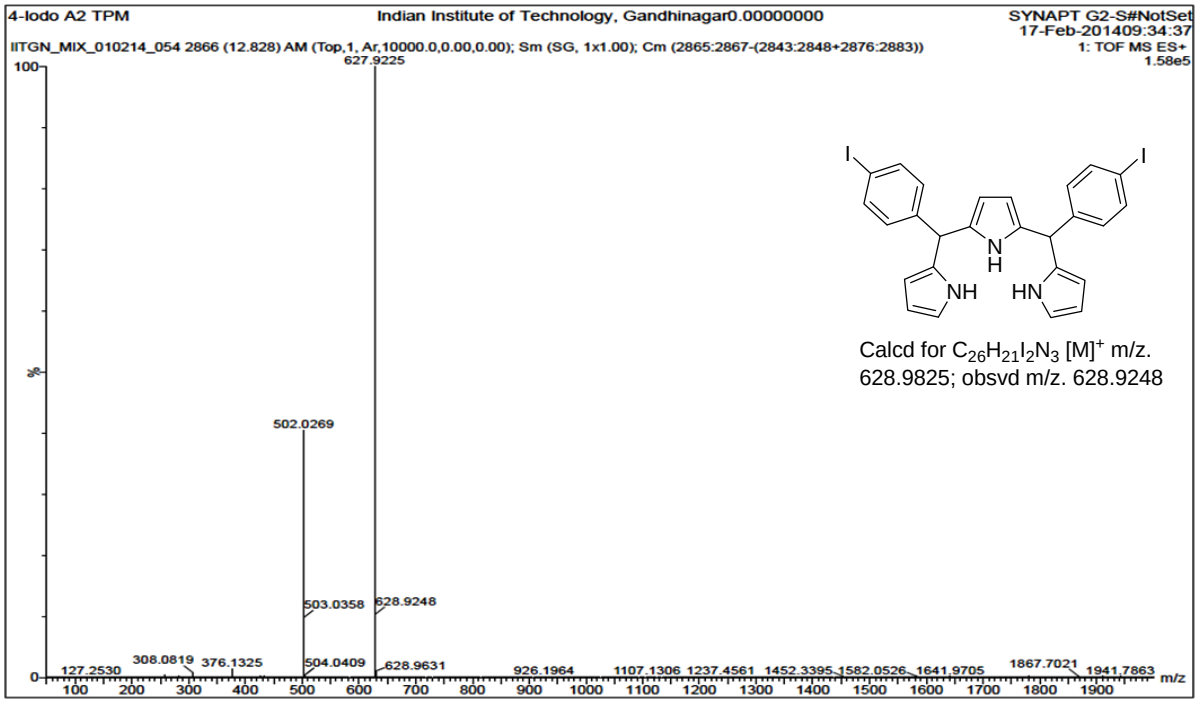


Figure 3. HRMS of compound **5**

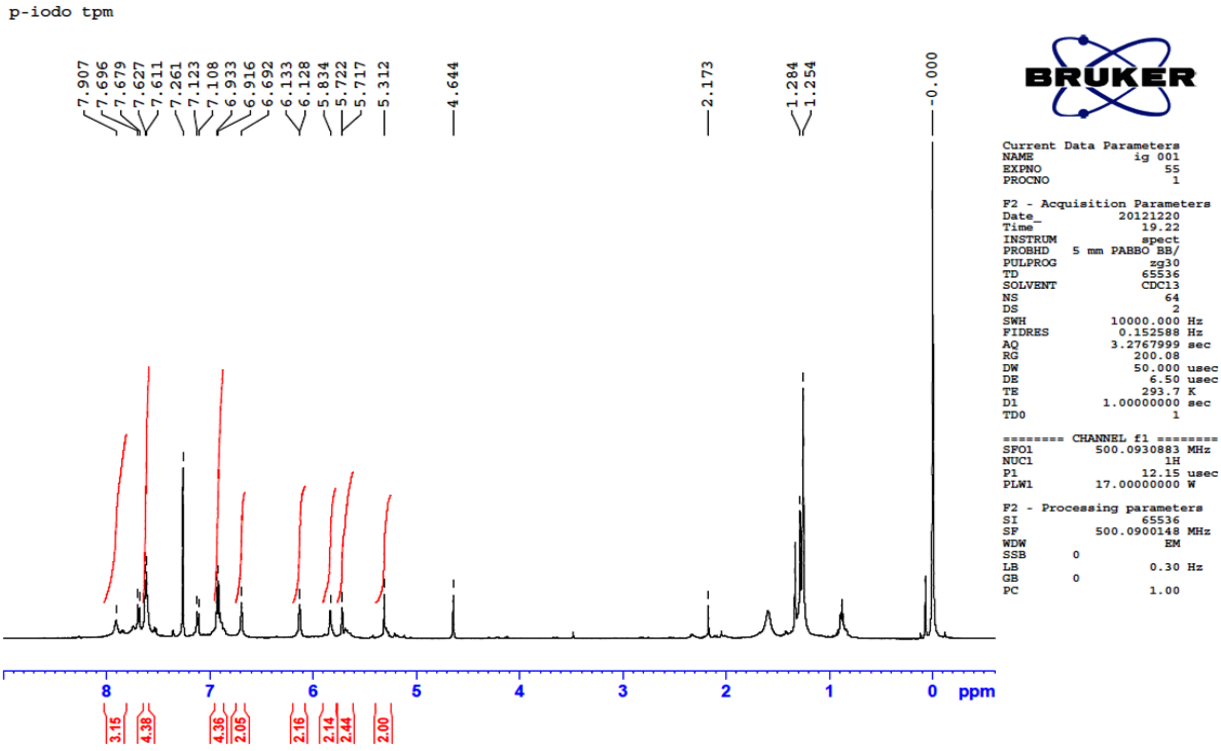


Figure 4. ^{1}H NMR of compound **5** in $CDCl_3$

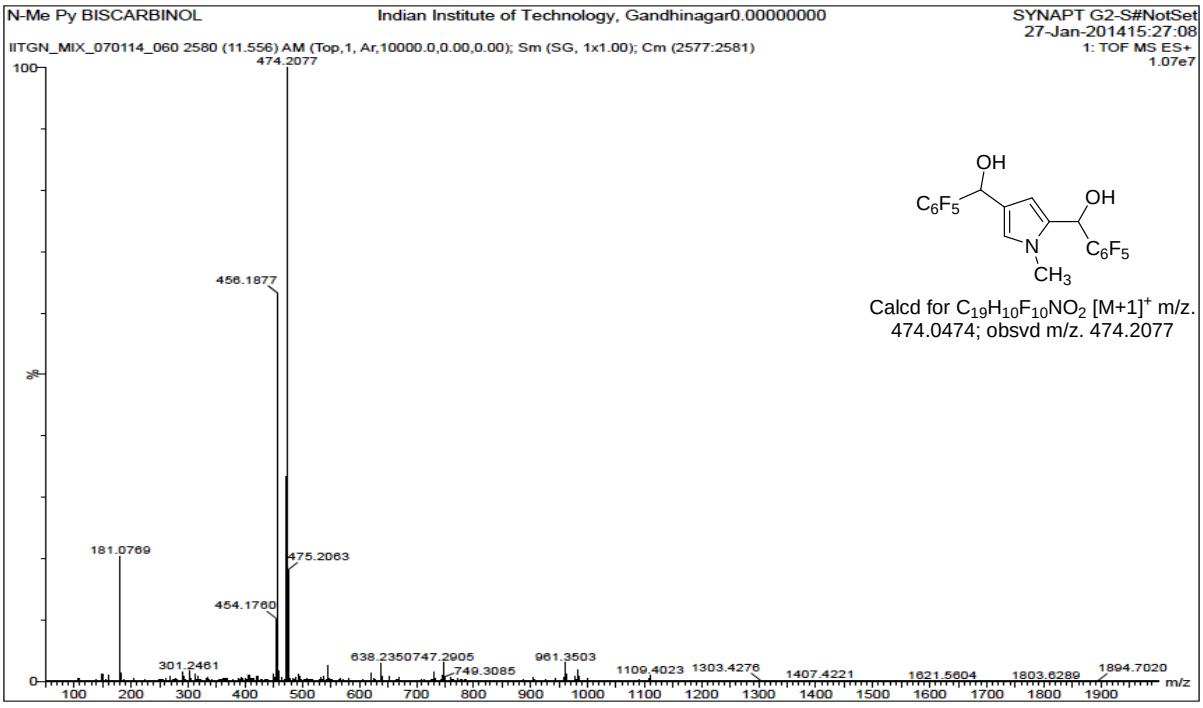


Figure 5. HRMS of compound **8**

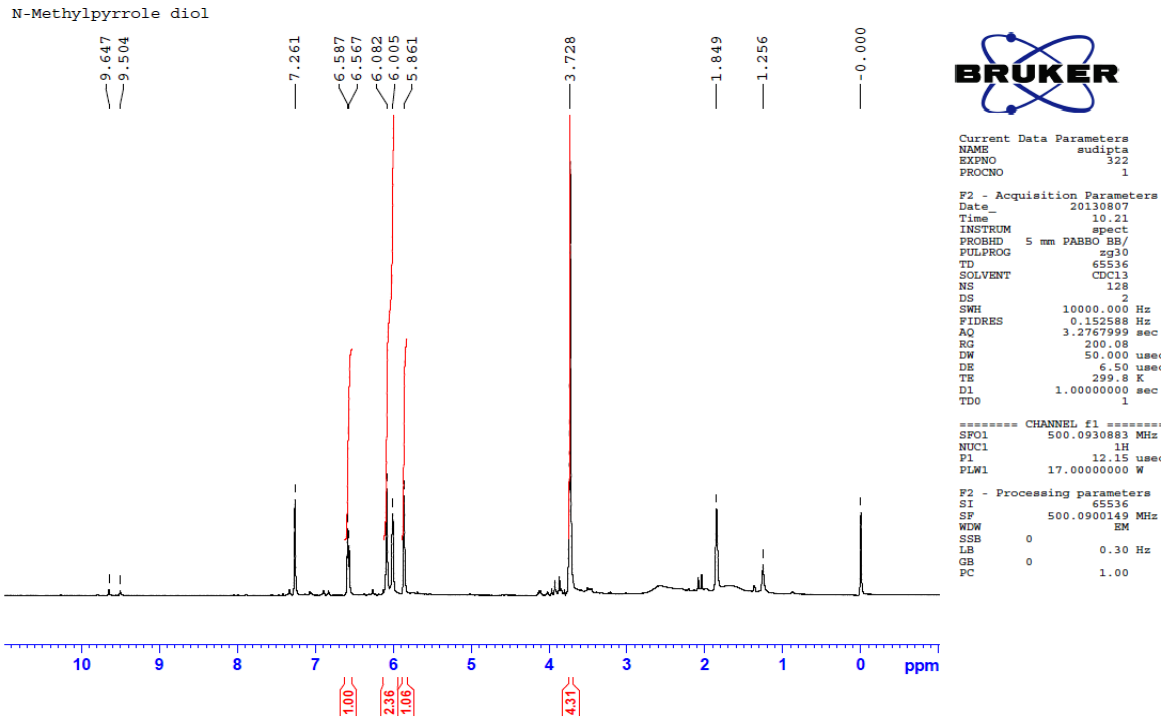


Figure 6. ^{1}H NMR of compound **8** in $CDCl_3$

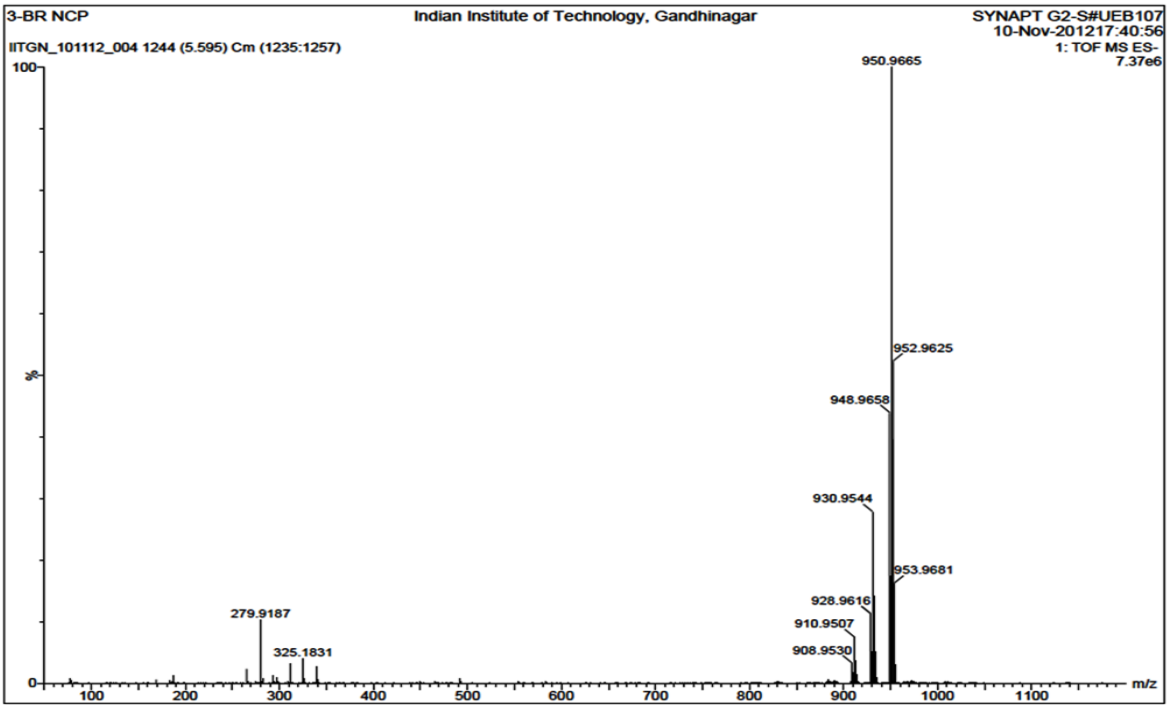
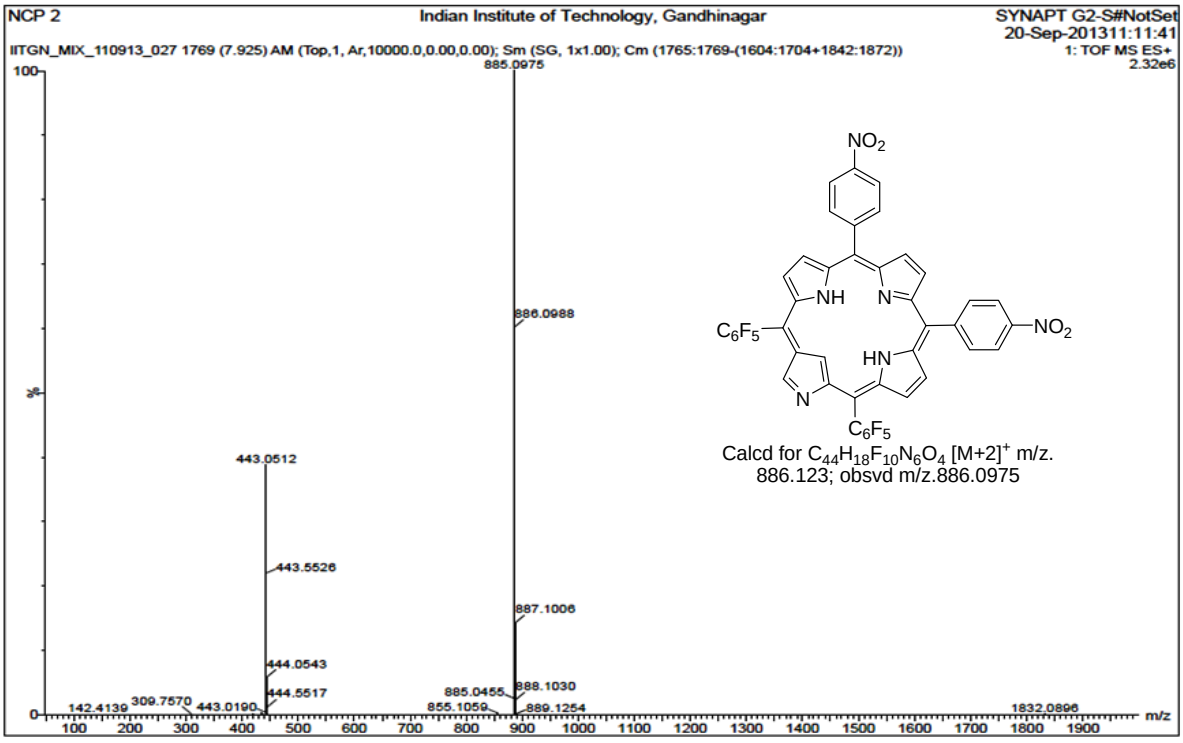


Figure 7. HRMS of compound **9**



Calcd for $C_{44}H_{18}F_{10}N_6O_4$ $[M+2]^+$ m/z. 886.123; obsvd m/z.886.0975

Figure 8. HRMS of compound **10**

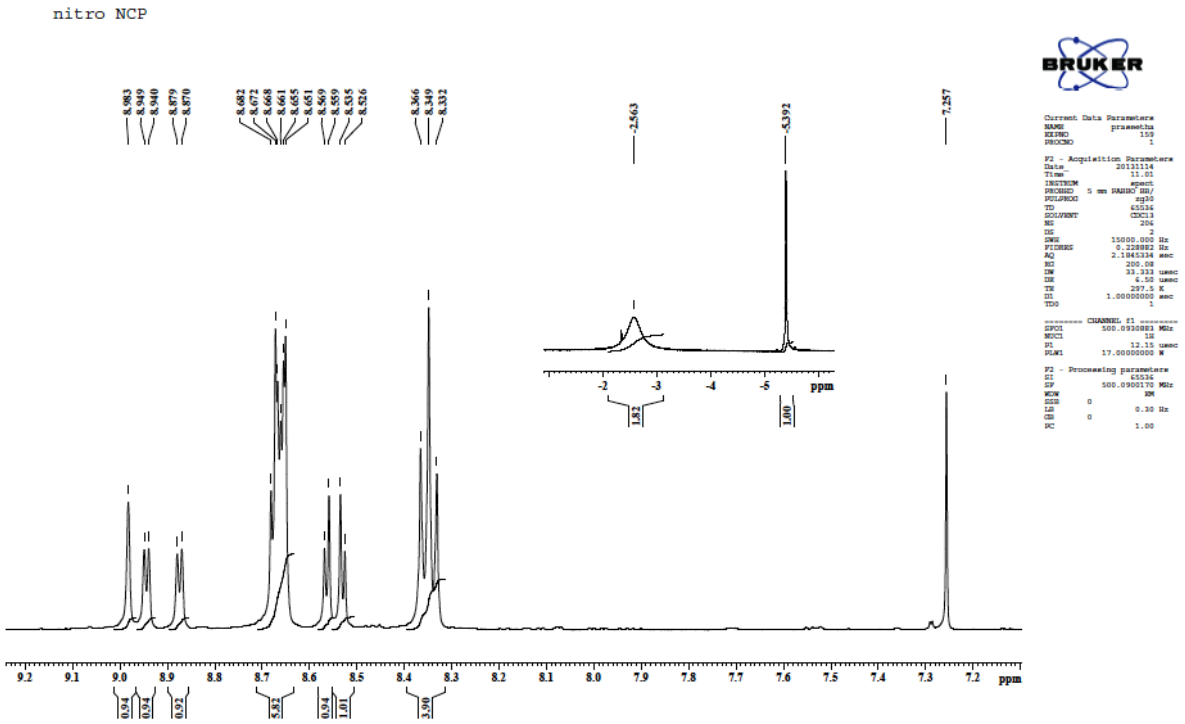
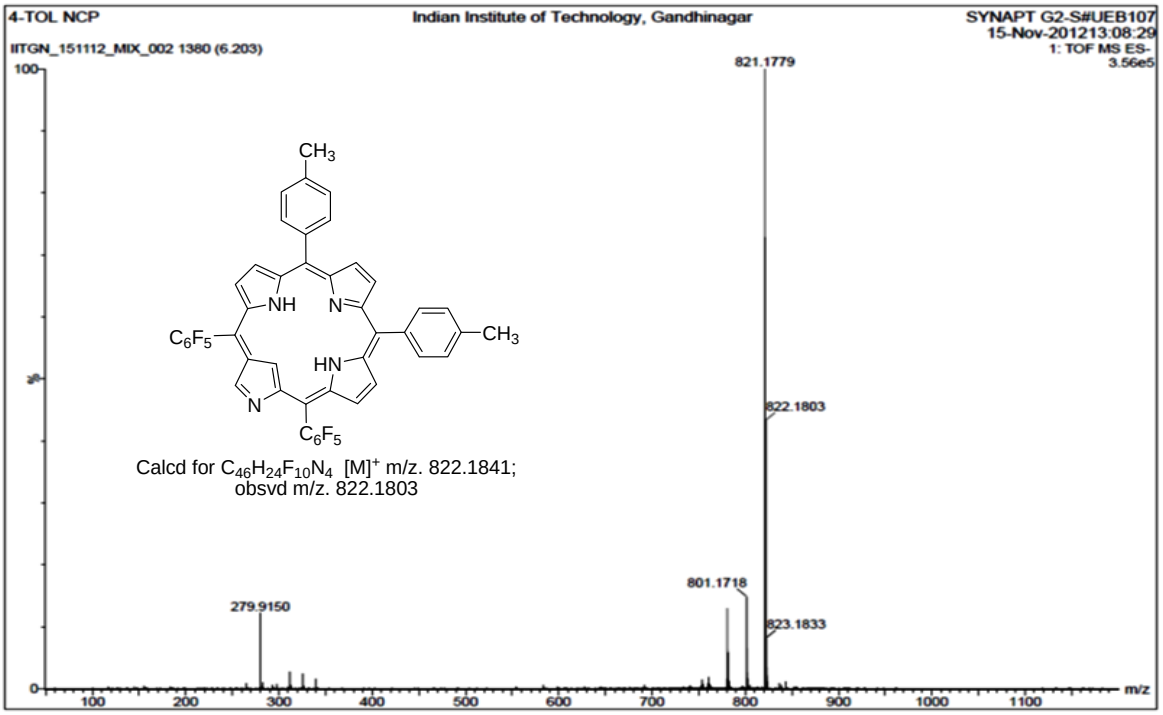


Figure 9. ^{1}H NMR of compound **10** in $CDCl_3$



Calcd for $C_{46}H_{24}F_{10}N_4$ $[M]^+$ m/z. 822.1841;
obsvd m/z. 822.1803

Figure 10. HRMS of compound **11**

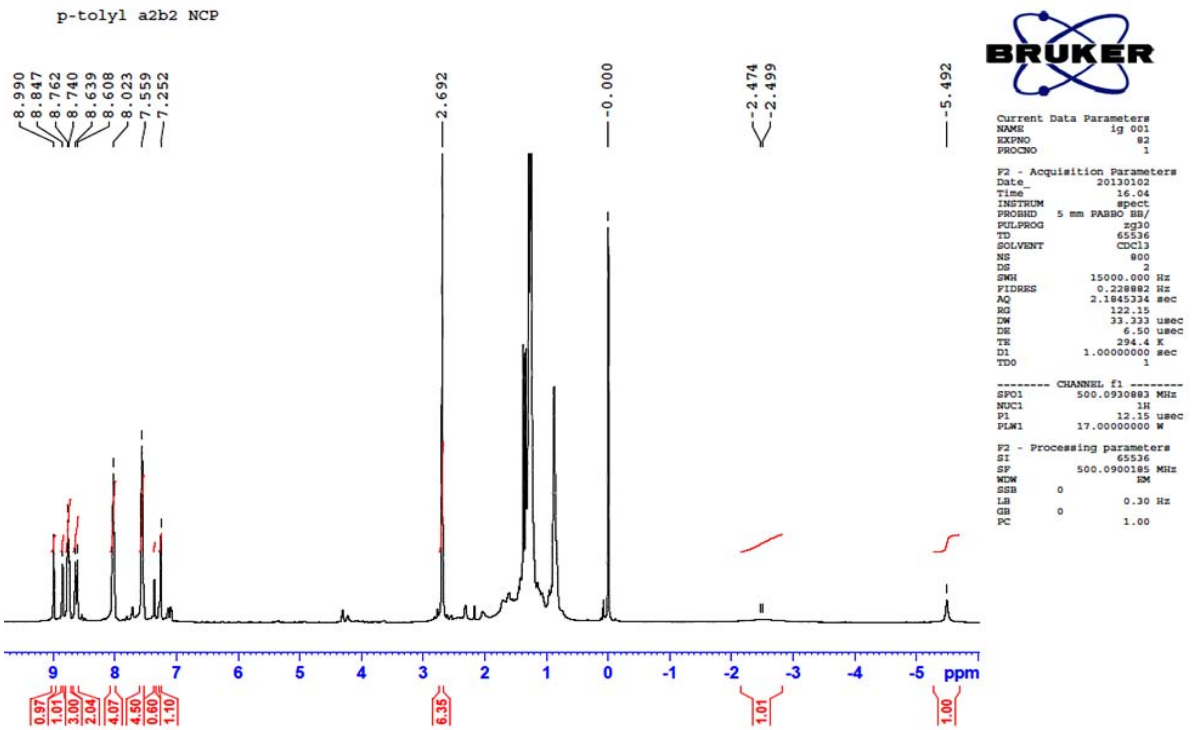
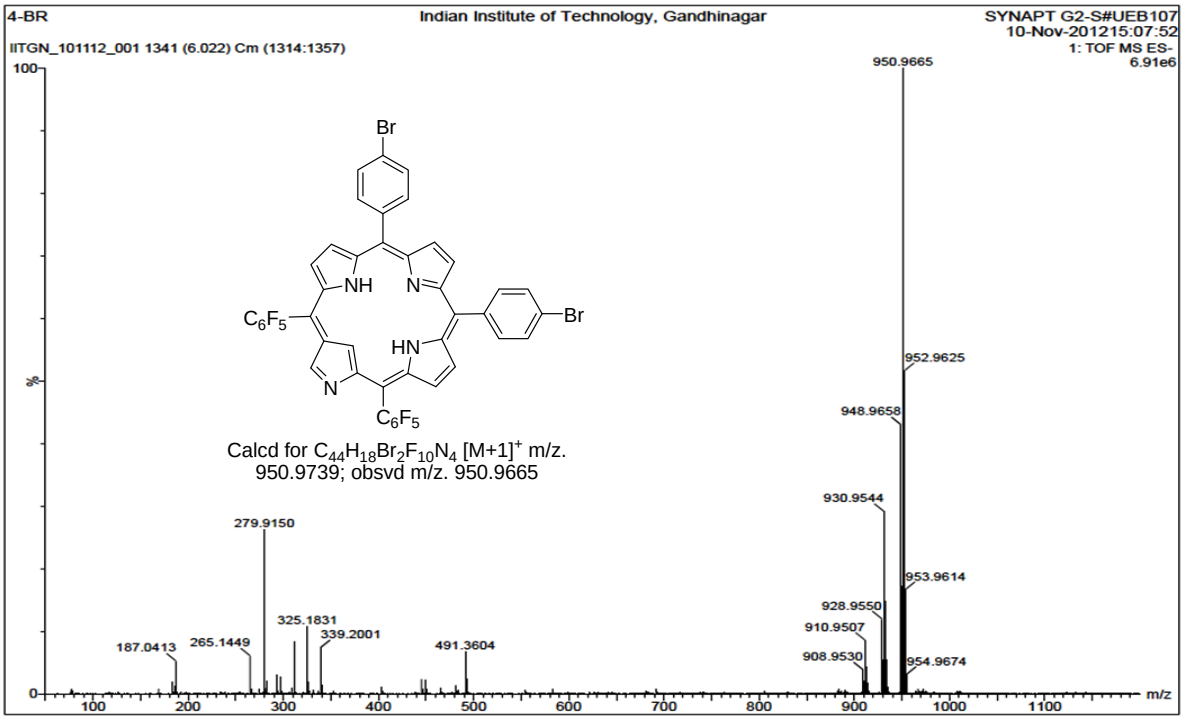


Figure 11. ^{1}H NMR of compound **11** in $CDCl_3$



Calcd for $C_{44}H_{18}Br_2F_{10}N_4$ $[M+1]^+$ m/z. 950.9739; obsvd m/z. 950.9665

Figure 12. HRMS of Compound **12**

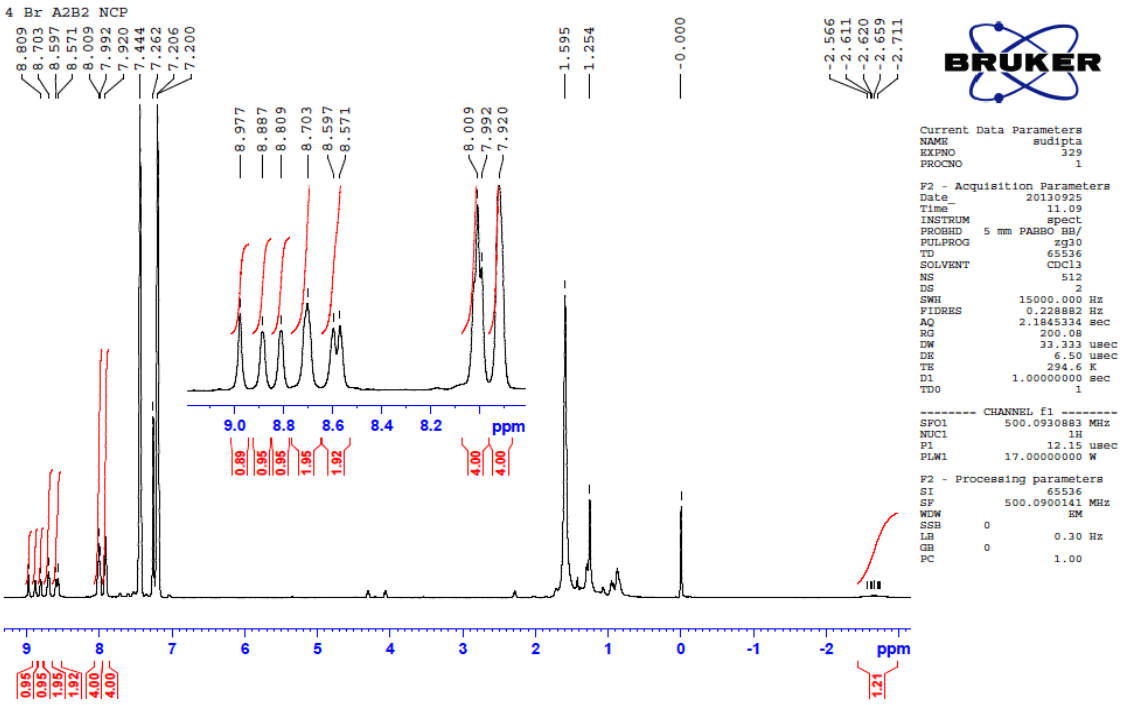


Figure 13. ^{1}H NMR of compound **12** in $CDCl_3$

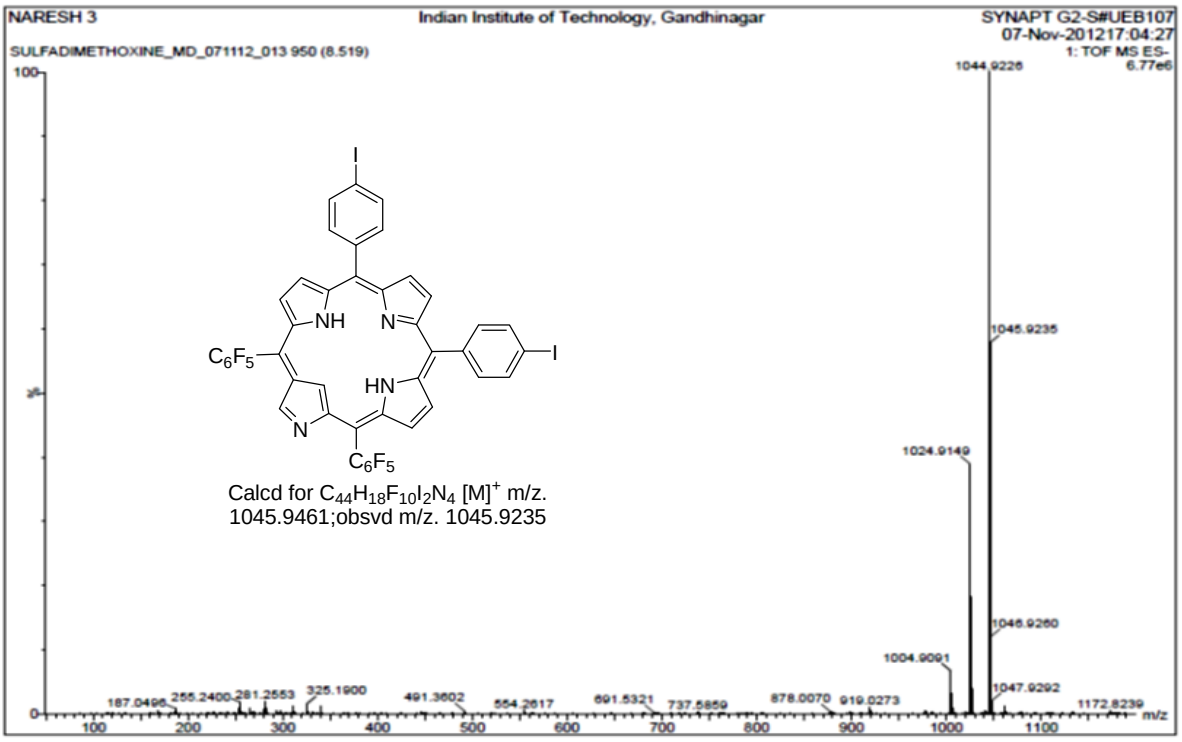


Figure 14. HRMS of compound **13**

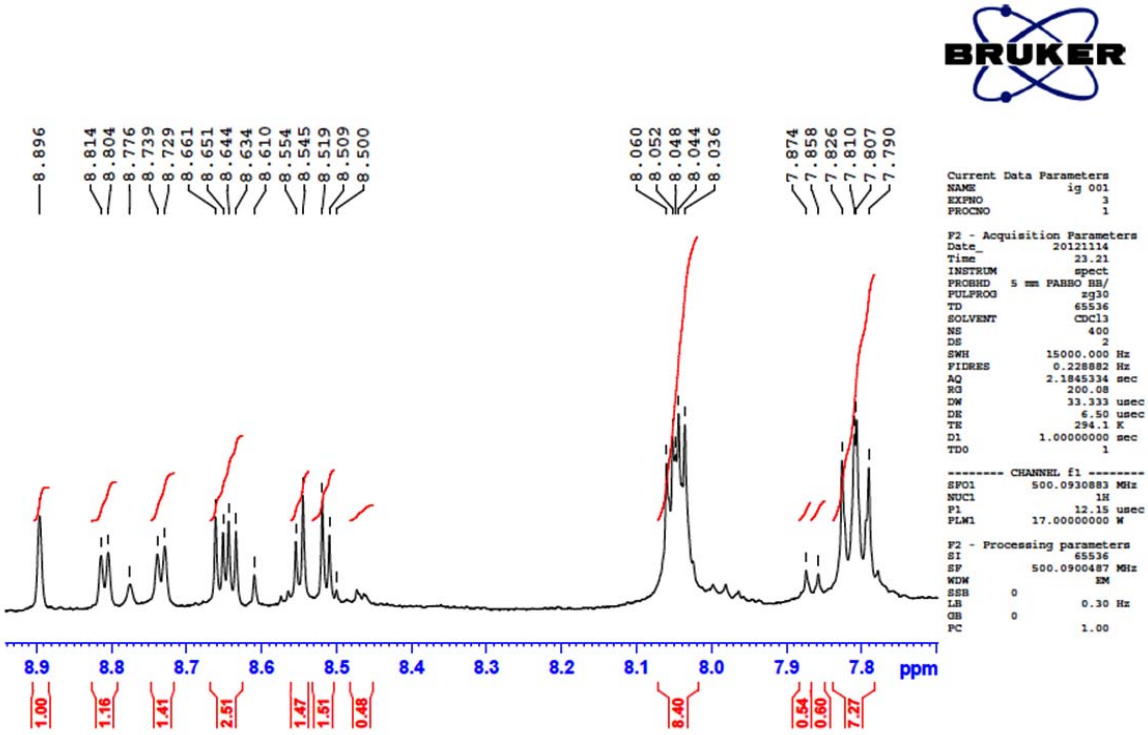


Figure 15. ^{1}H NMR of compound **13** in $CDCl_3$

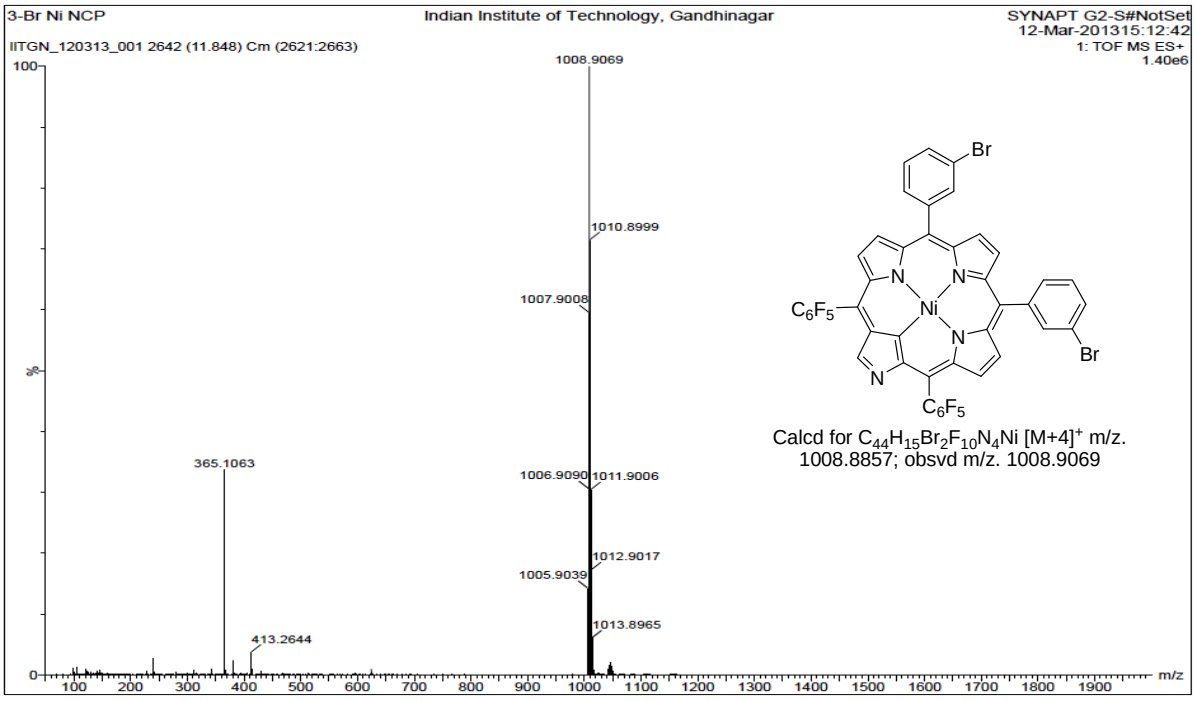


Figure 16. HRMS of compound **9-Ni**

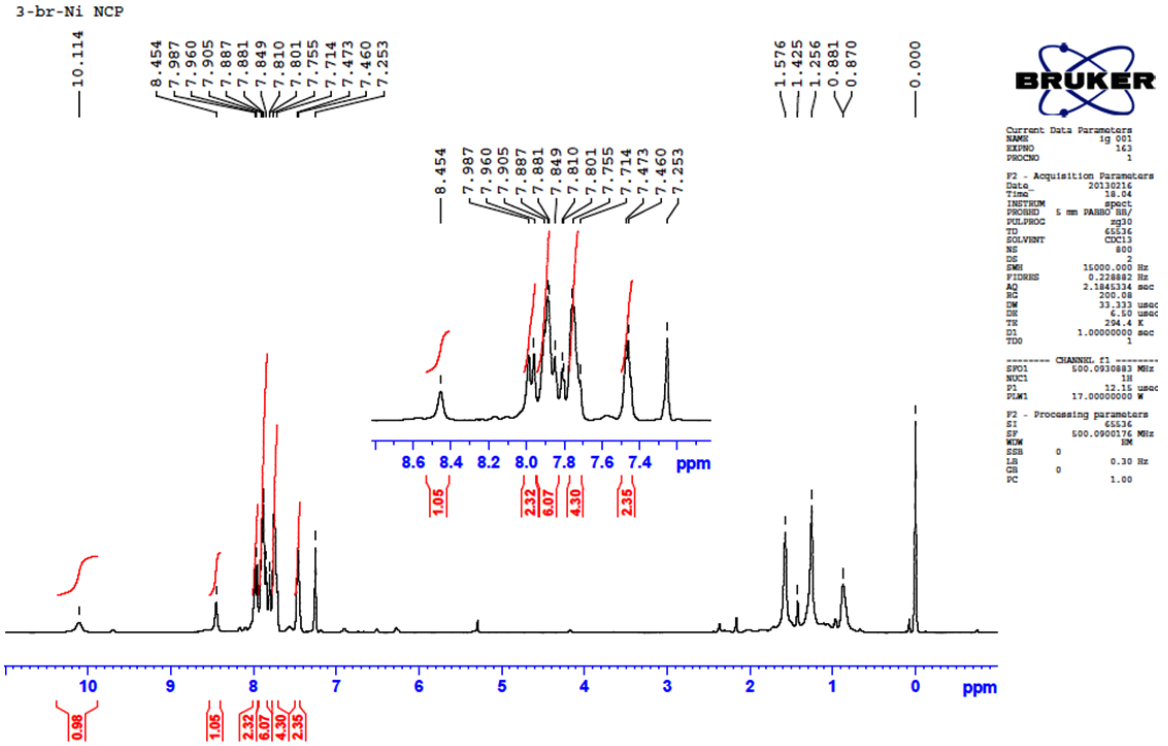


Figure 17. ^{1}H NMR of compound **9-Ni** in $CDCl_3$

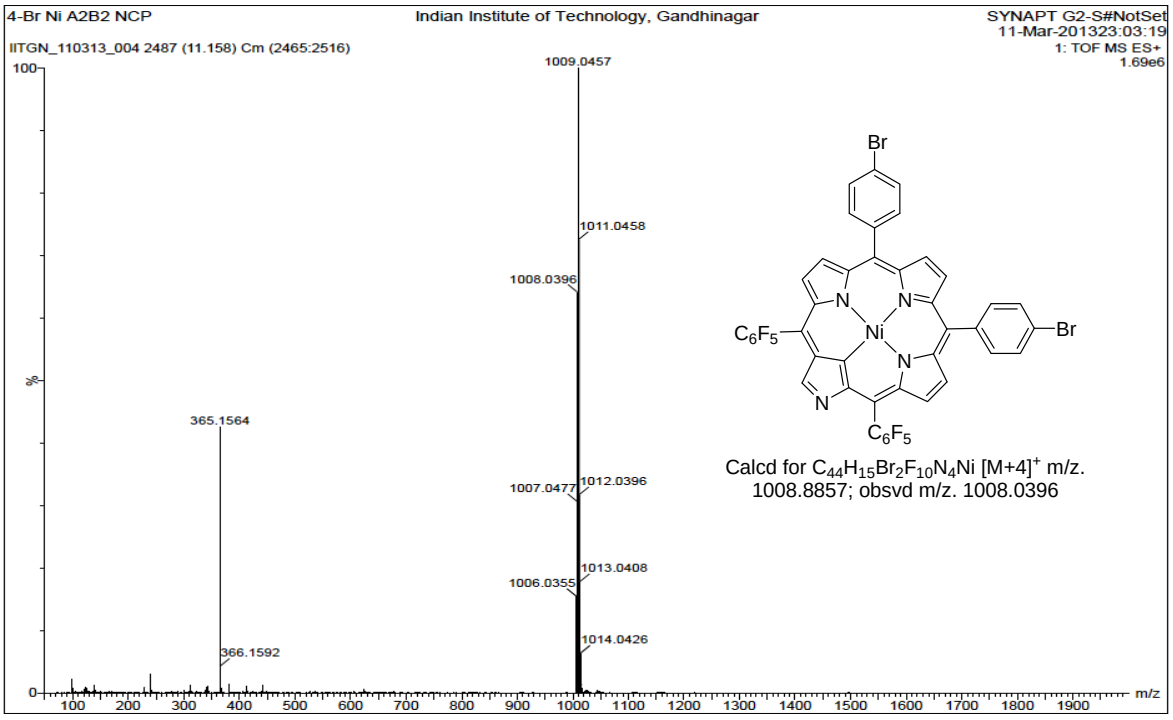


Figure 18. HRMS of compound **12-Ni**

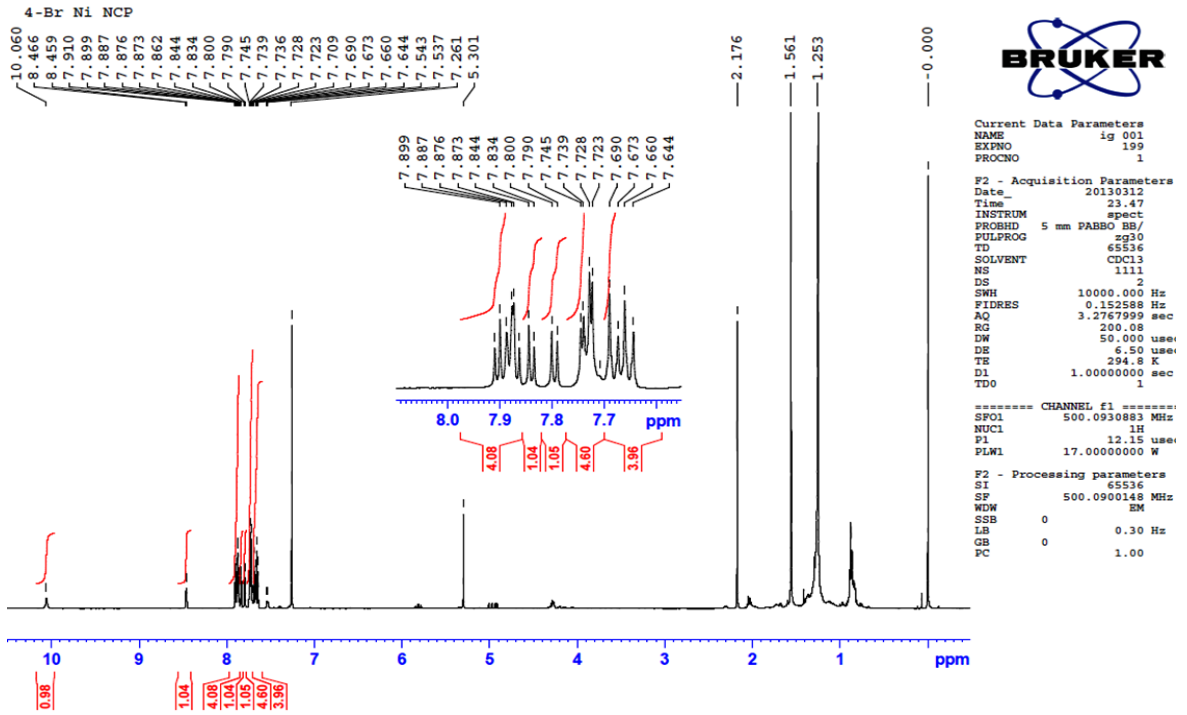


Figure 19. ^{1}H NMR of compound **12-Ni** in $CDCl_3$

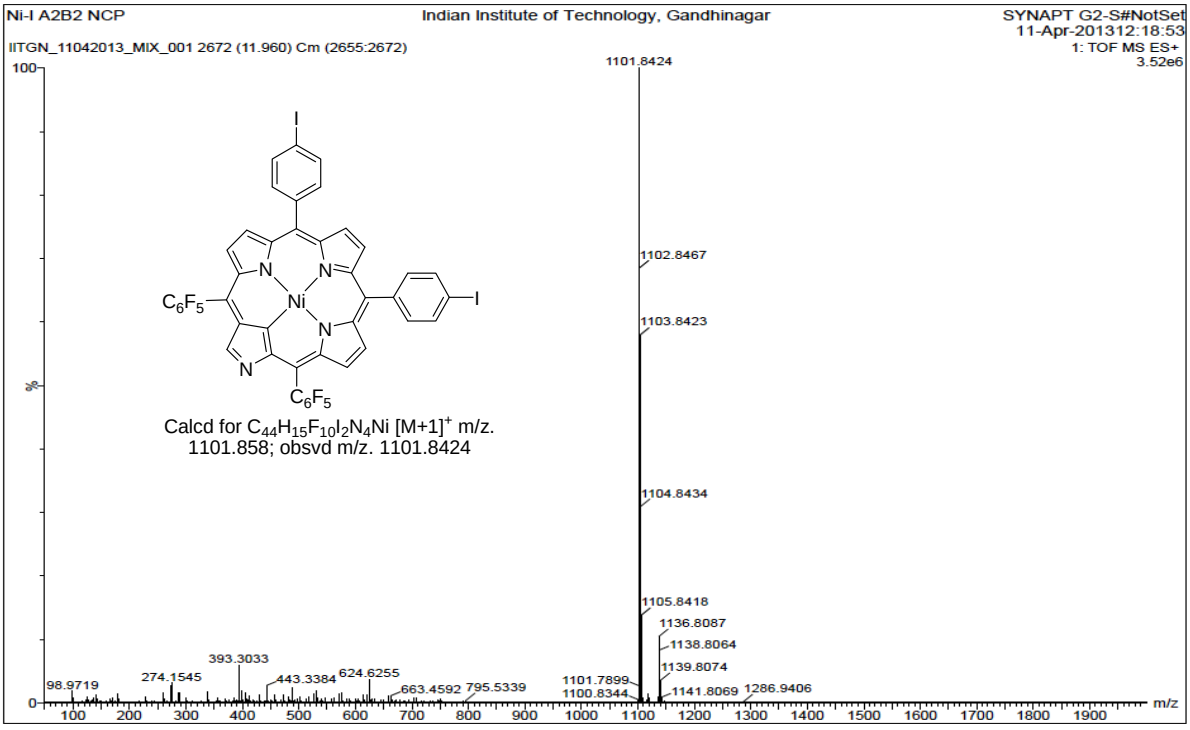


Figure 20. HRMS of compound **13-Ni**

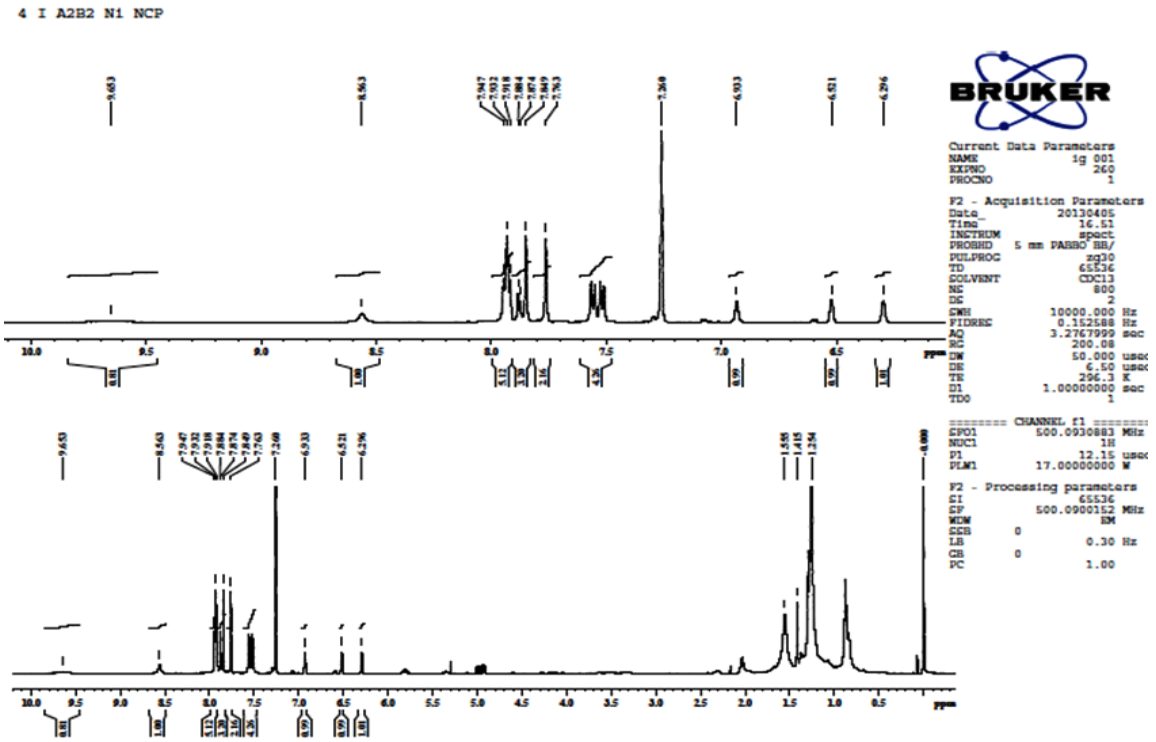


Figure 21. ^{1}H NMR of compound **13-Ni** in $CDCl_3$

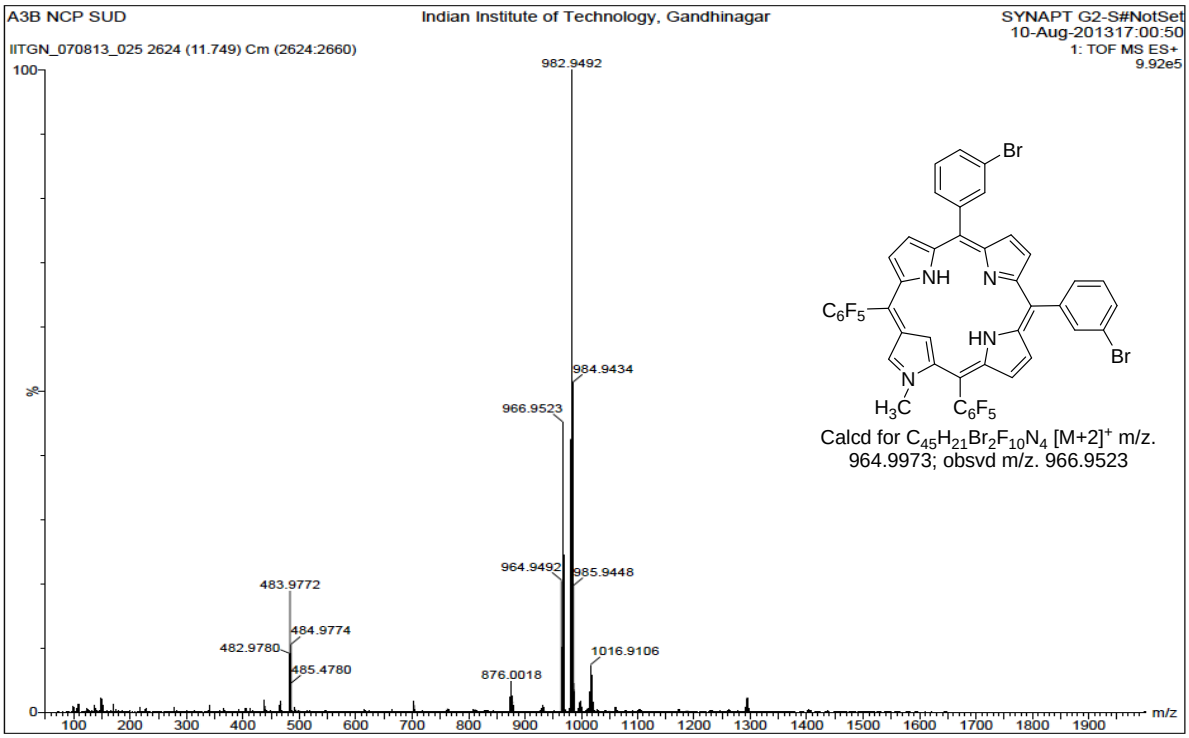


Figure 22. HRMS of compound **14**

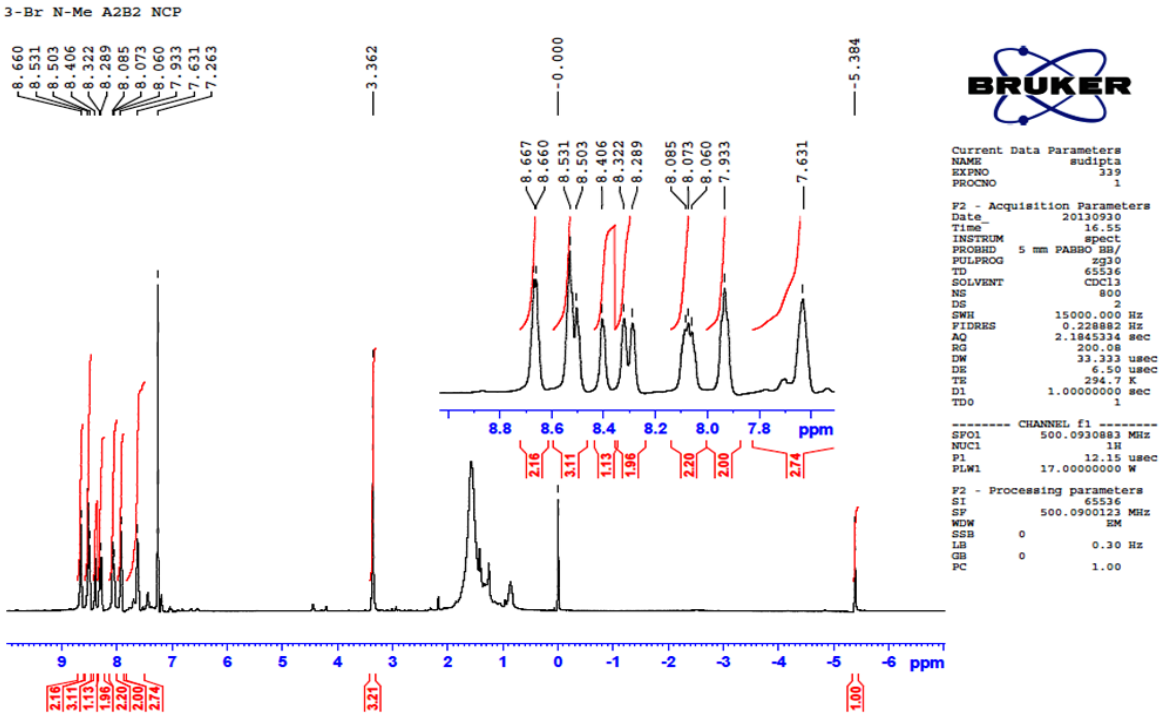


Figure 23. ^{1}H NMR of compound **14** in $CDCl_3$

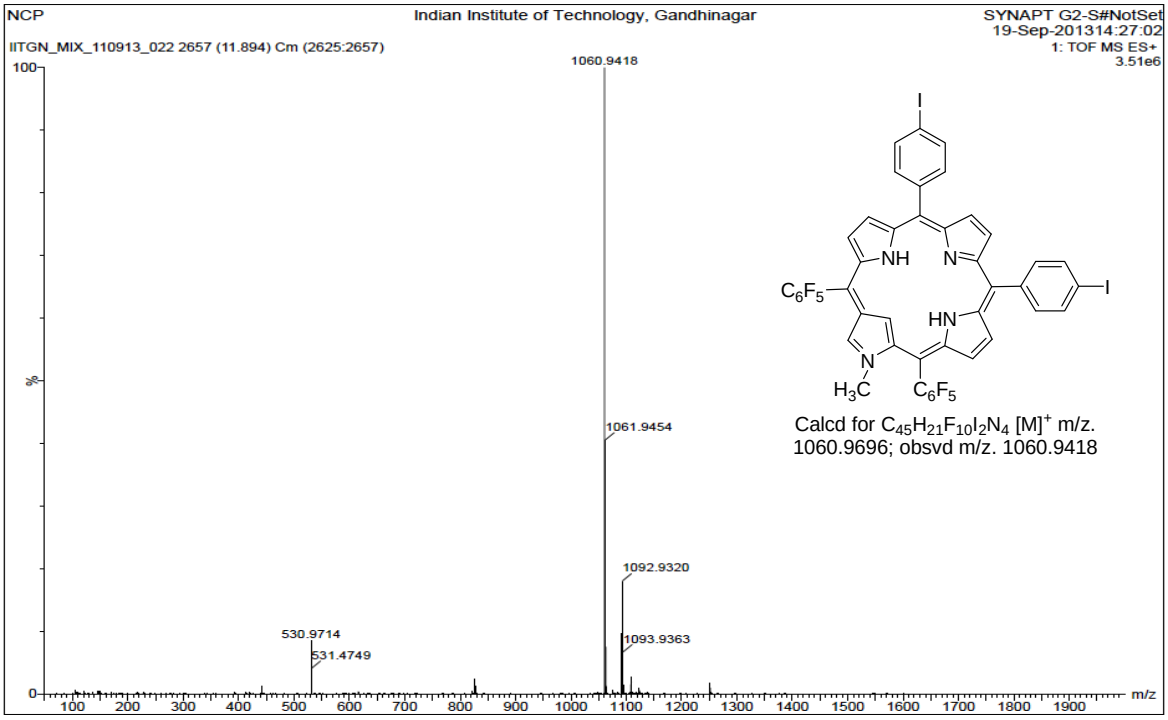


Figure 24. HRMS of compound **15**

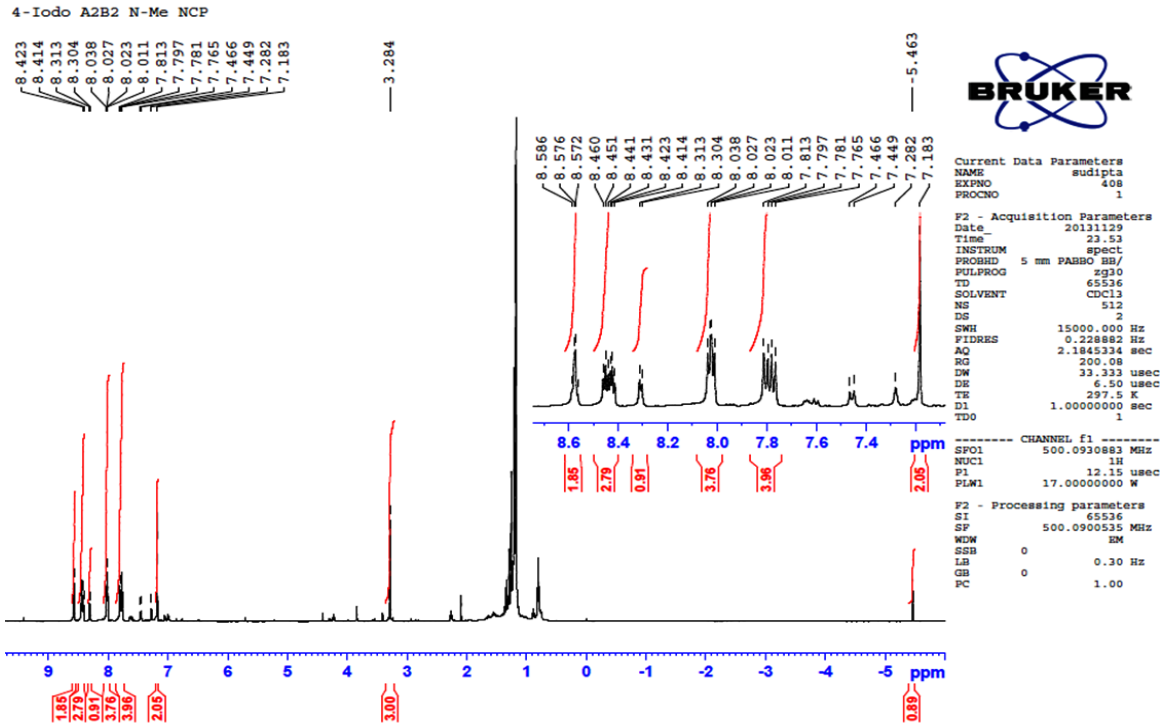


Figure 25. ^{1}H NMR of compound **15** in $CDCl_3$

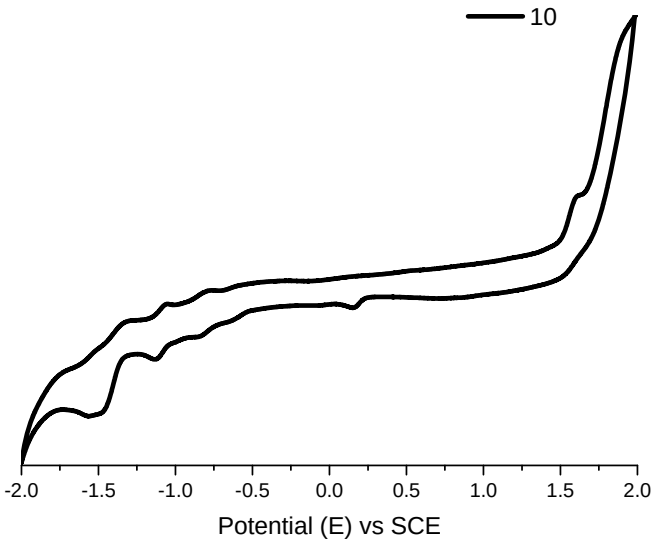


Figure 26. Cyclic voltammogram of compounds **10** in dichloromethane, containing 0.1 M TBAP as supporting electrolyte recorded at 50 mV/s scan speed (V vs. SCE).

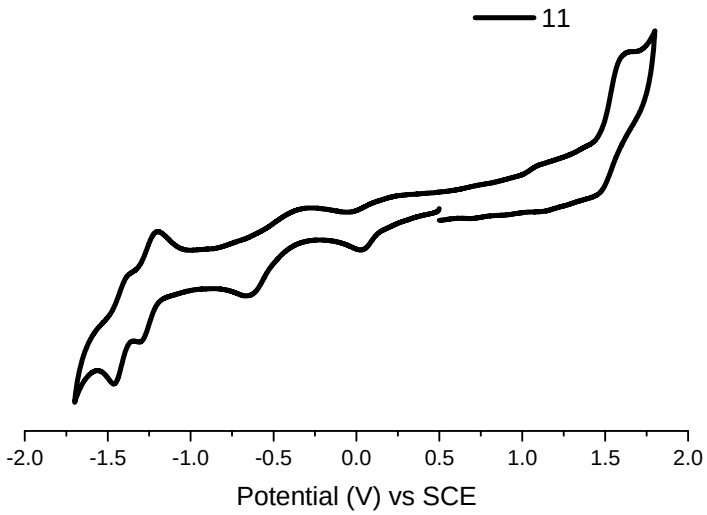


Figure 27. Cyclic voltammogram of compounds **11** in dichloromethane, containing 0.1 M TBAP as supporting electrolyte recorded at 50 mV/s scan speed (V vs. SCE).

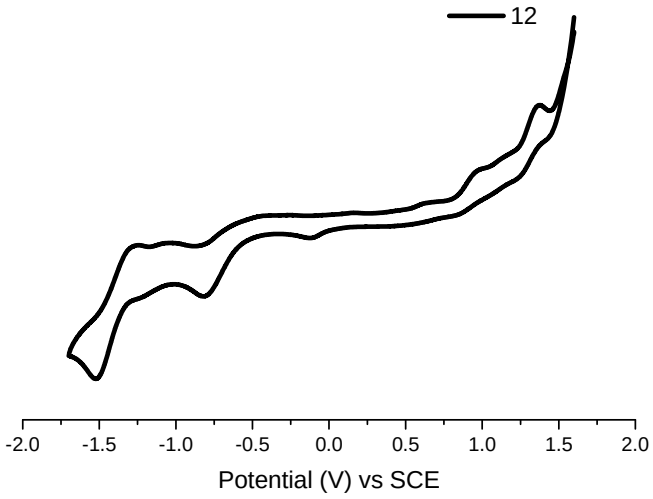


Figure 28. Cyclic voltammogram of compounds **12** in dichloromethane, containing 0.1 M TBAP as supporting electrolyte recorded at 50 mV/s scan speed (V vs. SCE).

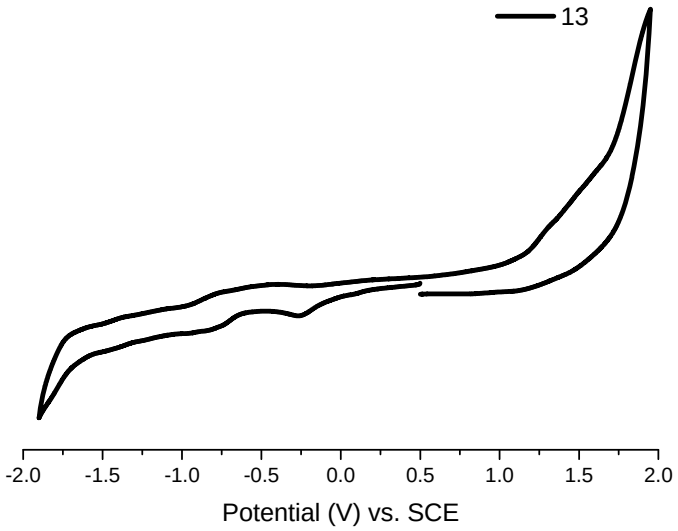


Figure 29. Cyclic voltammogram of compounds **13** in dichloromethane, containing 0.1 M TBAP as supporting electrolyte recorded at 50 mV/s scan speed (V vs. SCE).

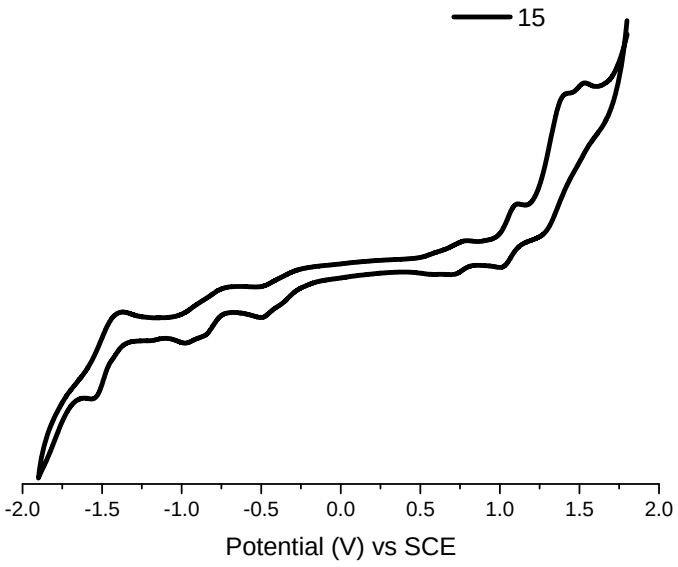


Figure 30. Cyclic voltammogram of compounds **15** in dichloromethane, containing 0.1 M TBAP as supporting electrolyte recorded at 50 mV/s scan speed (V vs. SCE).