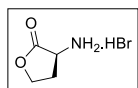
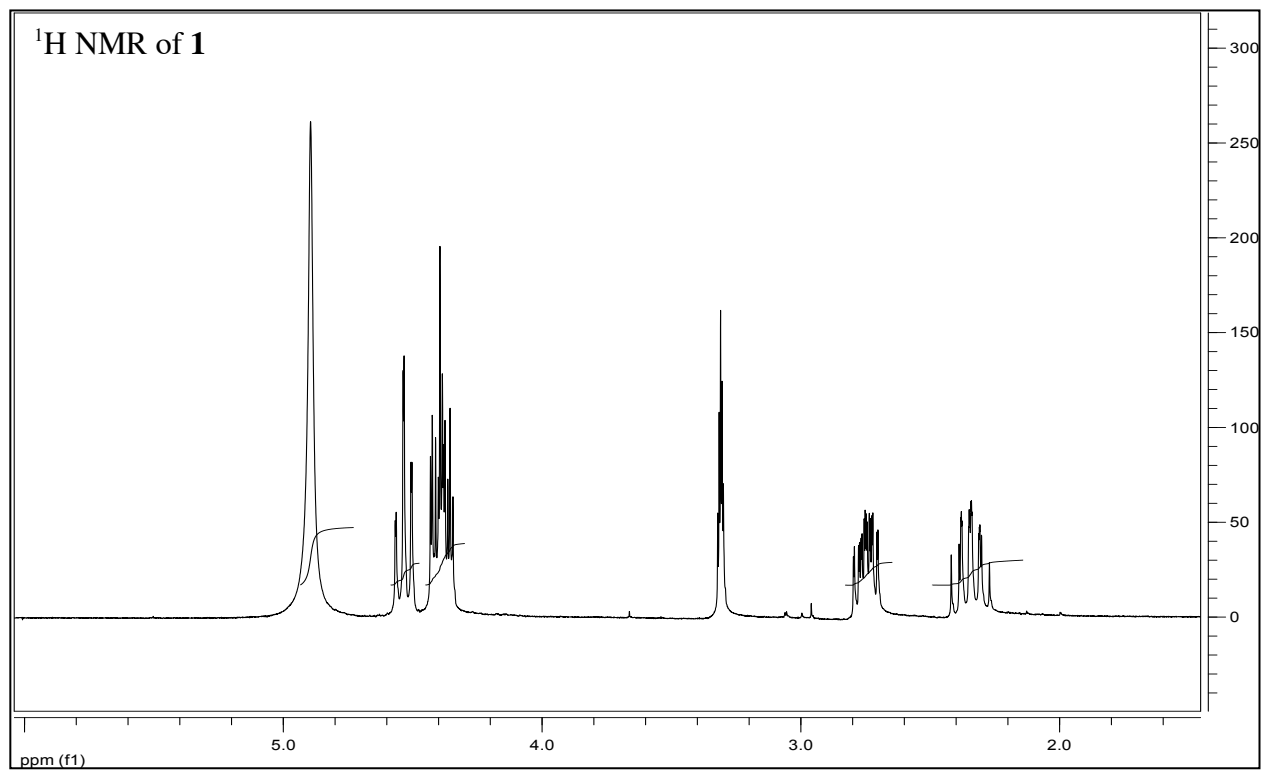
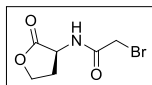


**$^1\text{H}$  NMR spectra and RP-HPLC chromatograms for all compounds.**

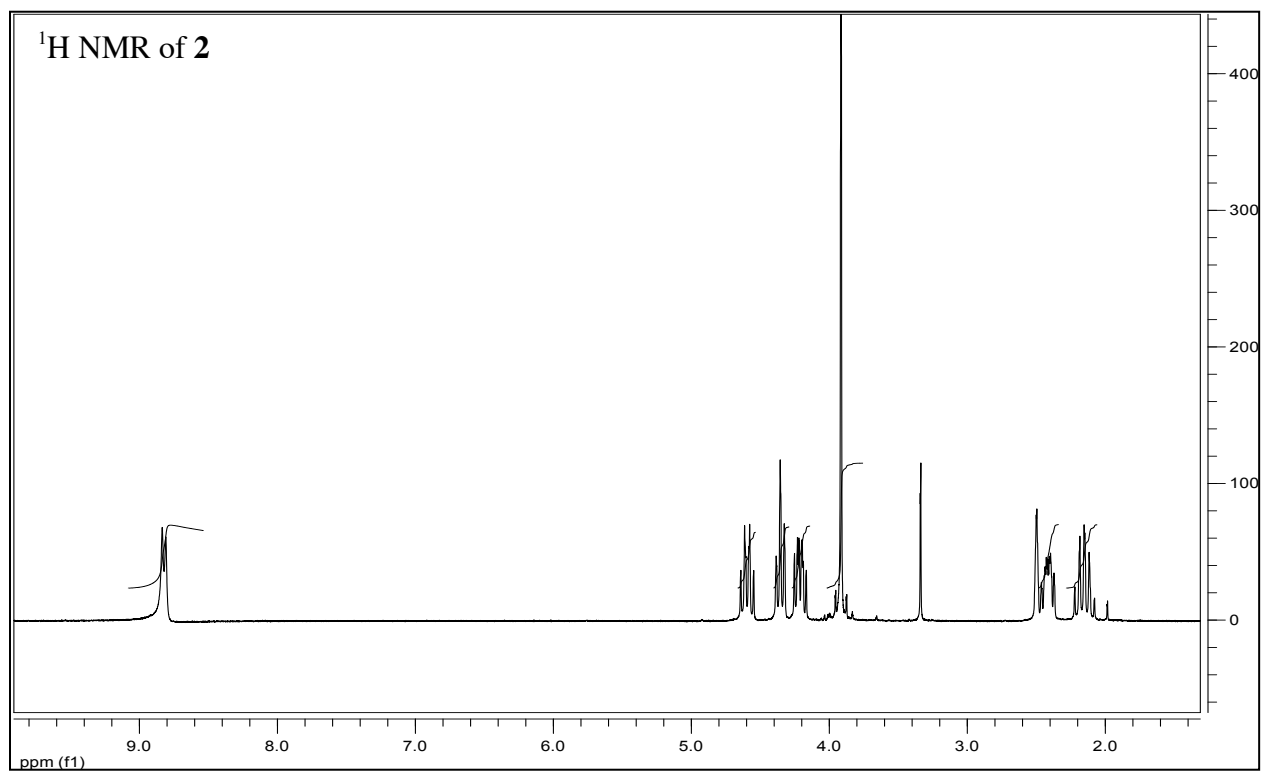


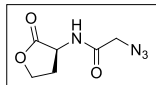
**L-Homoserine lactone hydrobromide salt (1).**



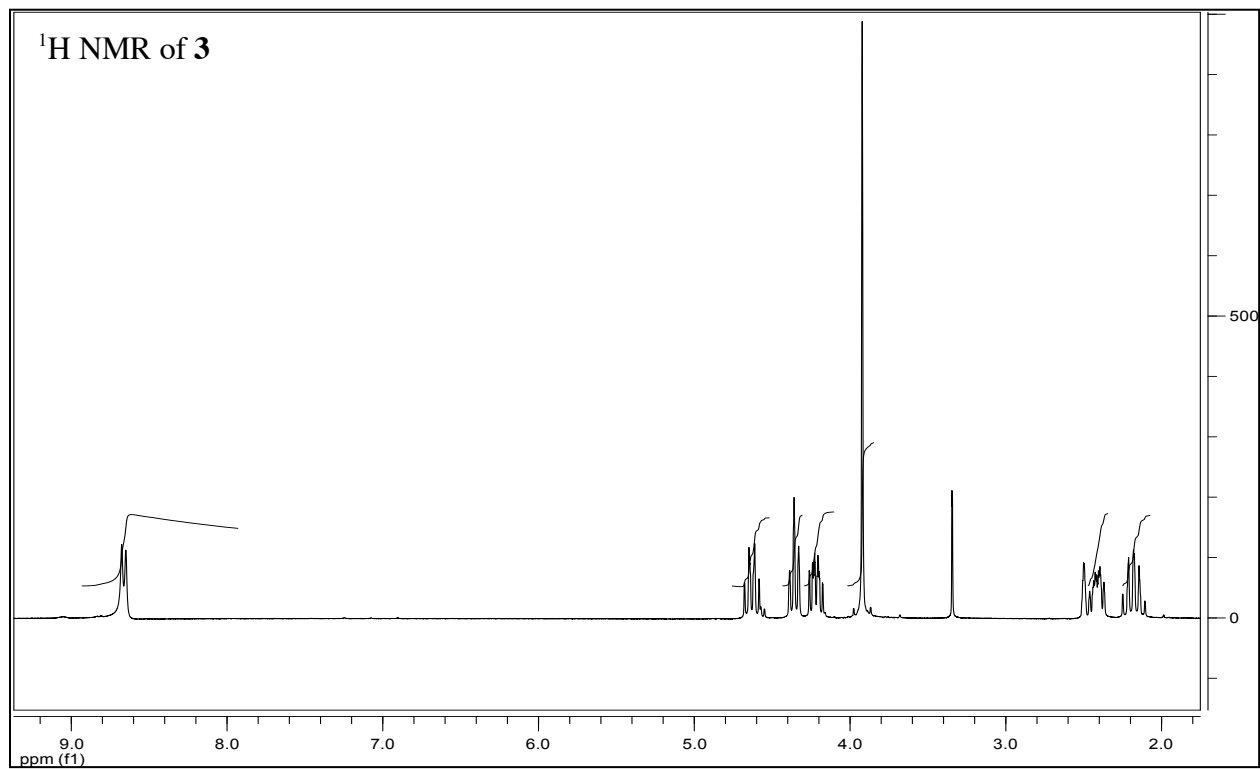


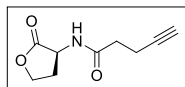
***N*-Bromoacetyl-L-homoserine lactone (2).**



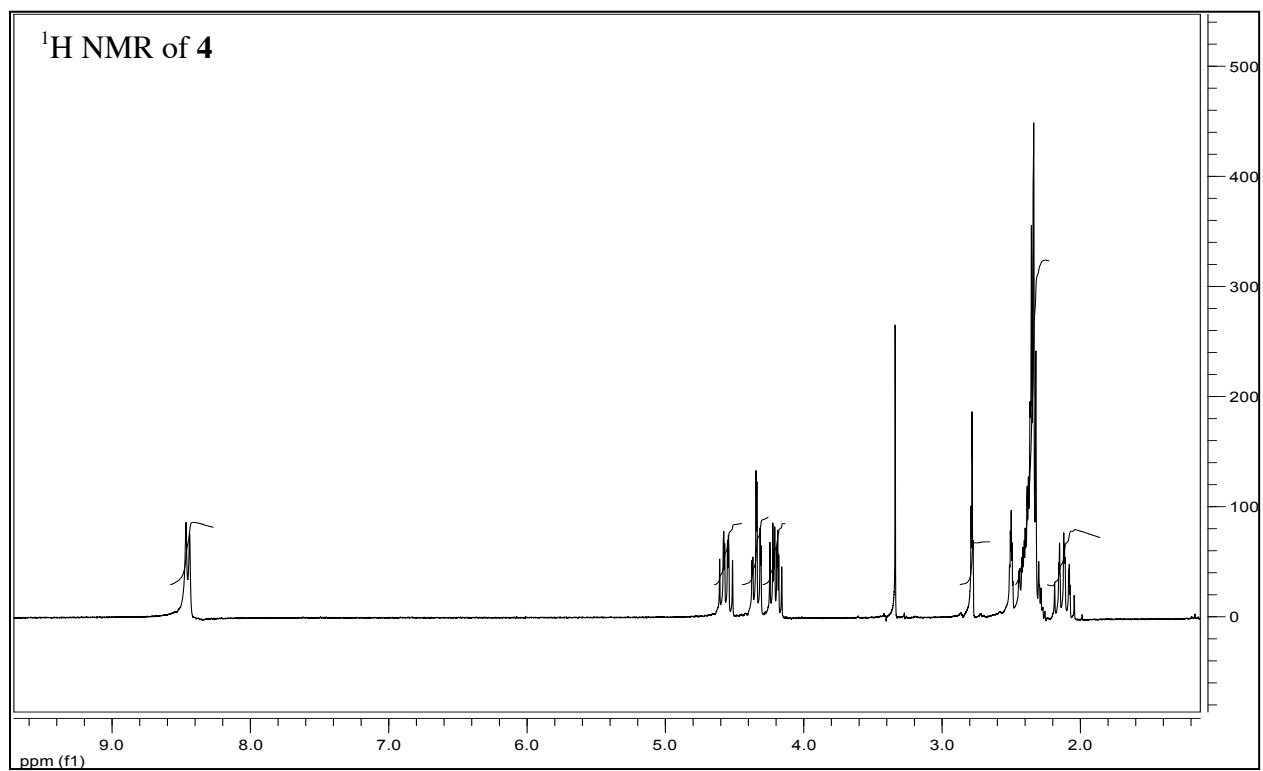


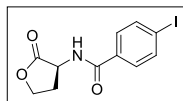
**N-Azidoacetyl-L-homoserine lactone (3).**



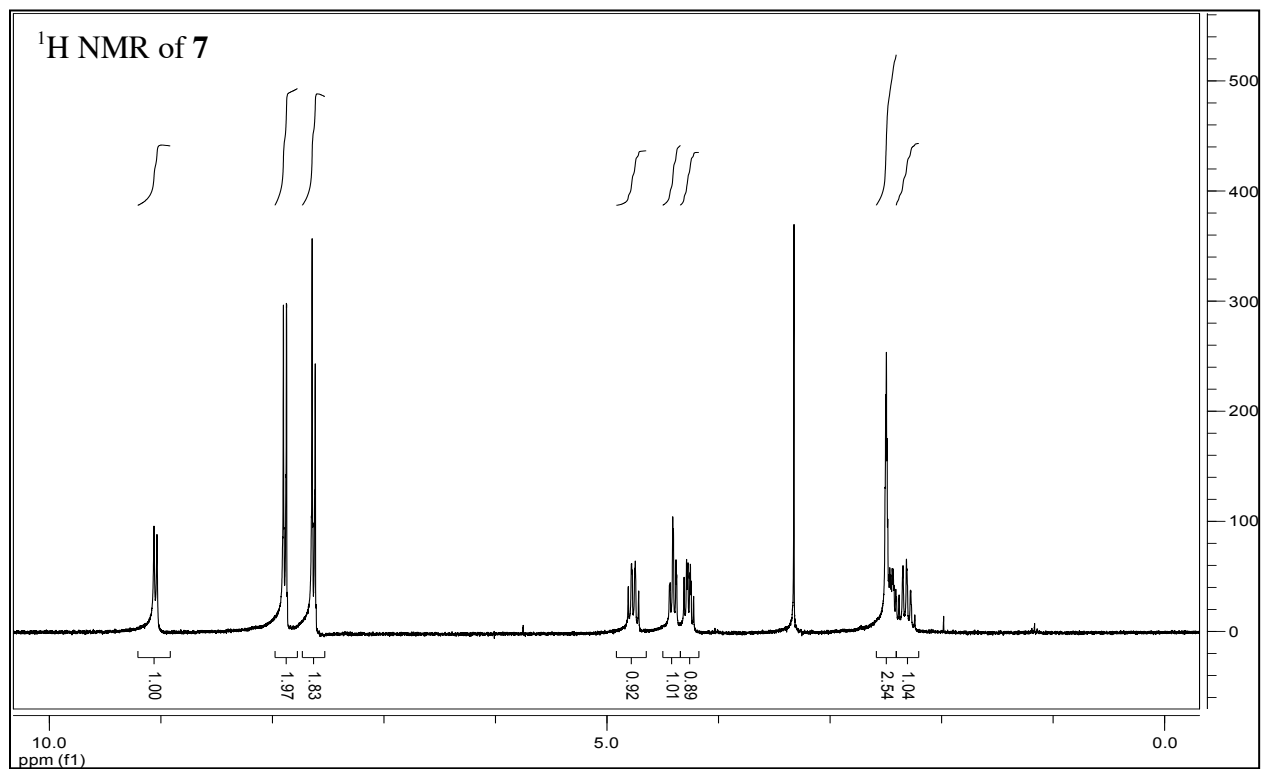
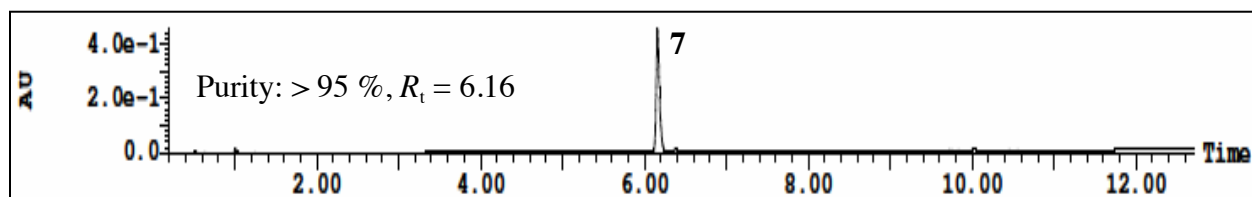


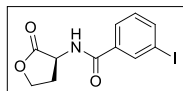
***N*-1-Oxo-4-pentyn-L-homoserine lactone (4).**



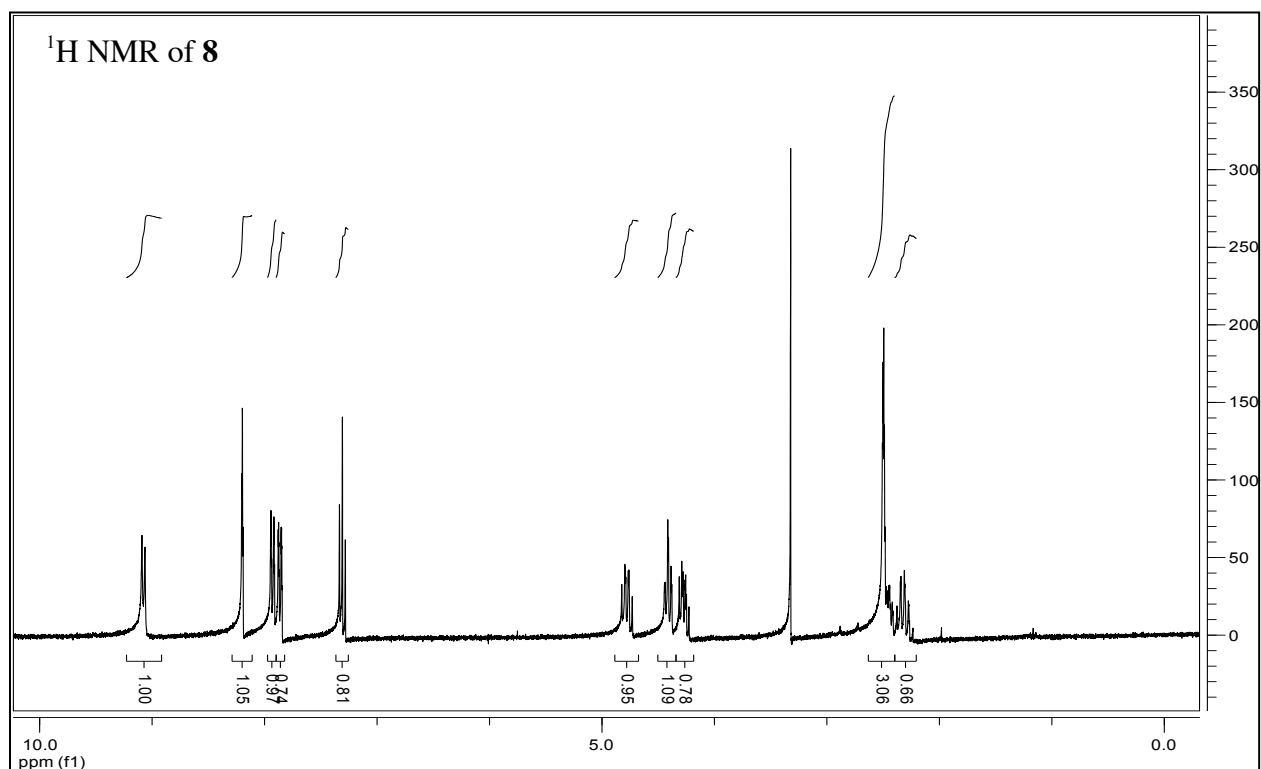
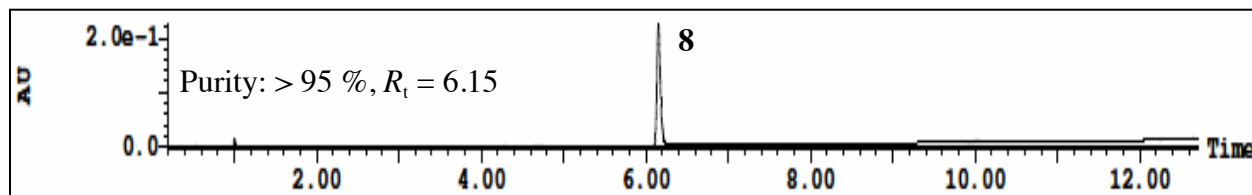


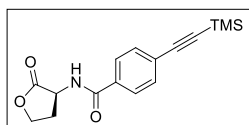
**N-(4-Iodobenzoyl)-L-homoserine lactone (7).**



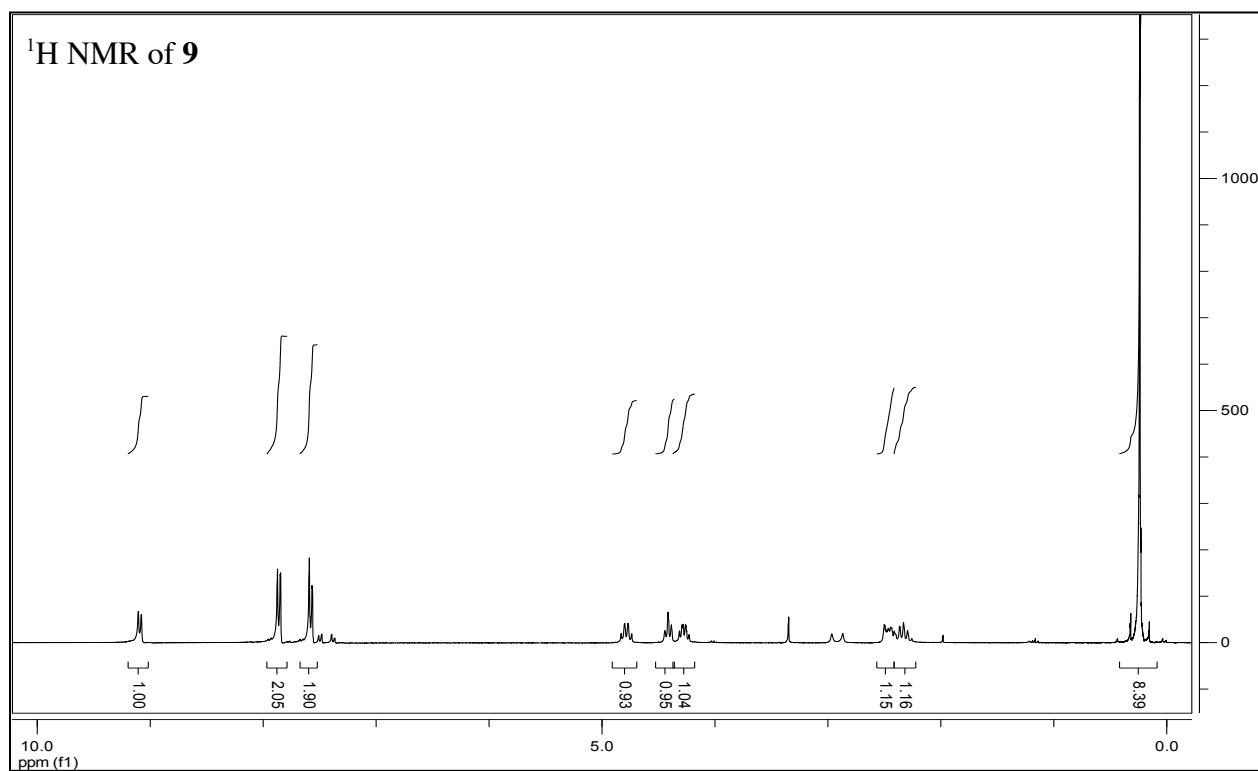
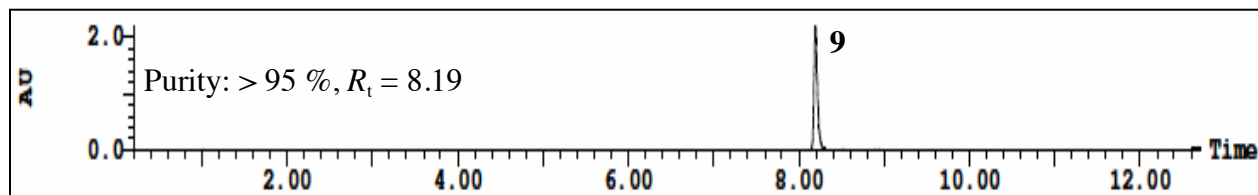


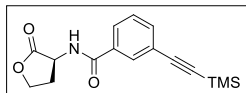
**N-(3-Iodobenzoyl)-L-homoserine lactone (8).**



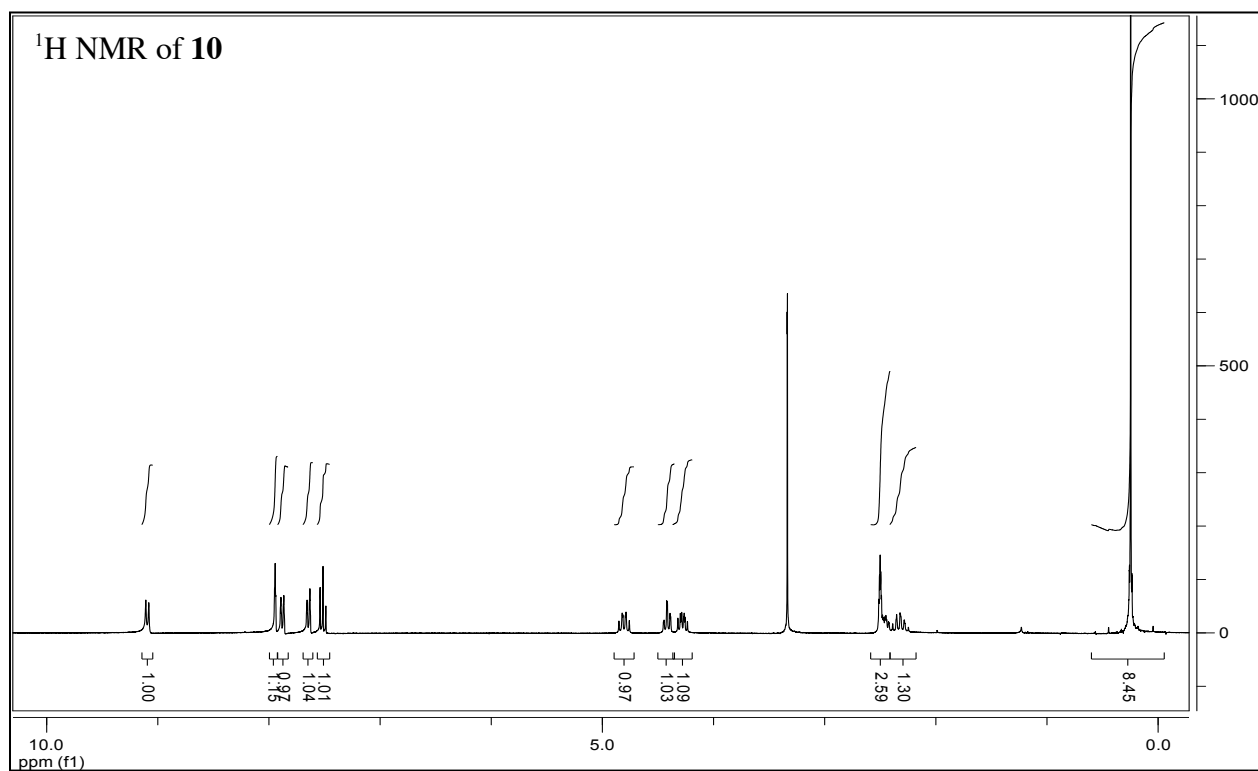
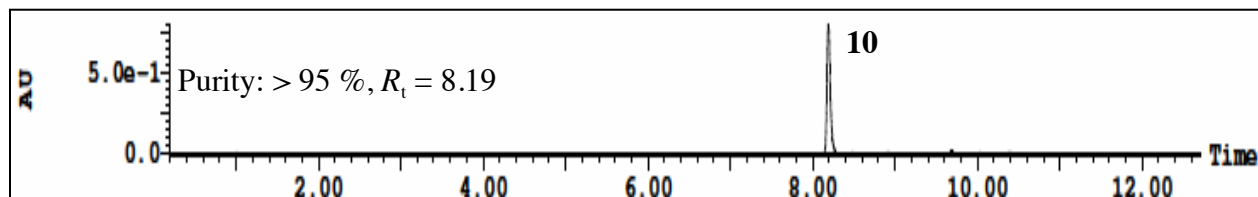


***N*-(4-Trimethylsilylethynylbenzoyl)-L-homoserine lactone (9).**

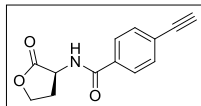




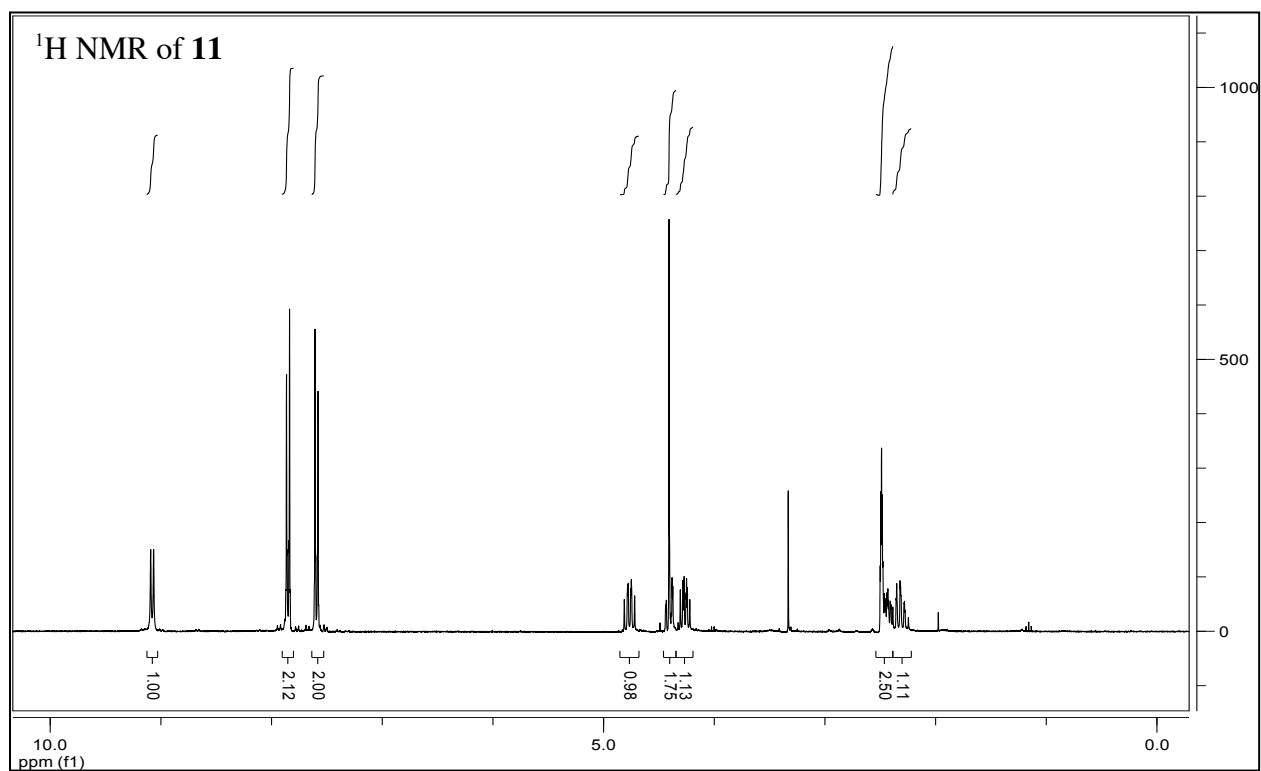
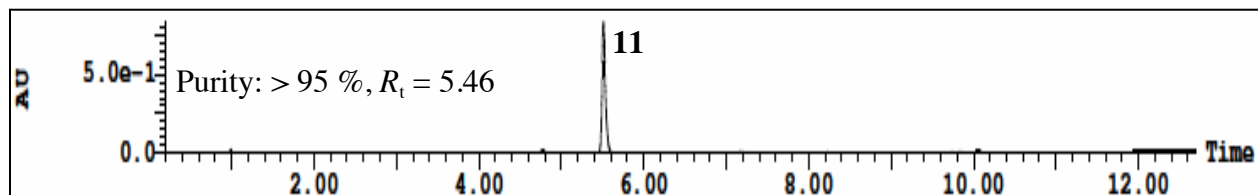
***N*-(3-Trimethylsilylethynylbenzoyl)-L-homoserine lactone (10).**

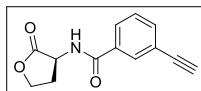




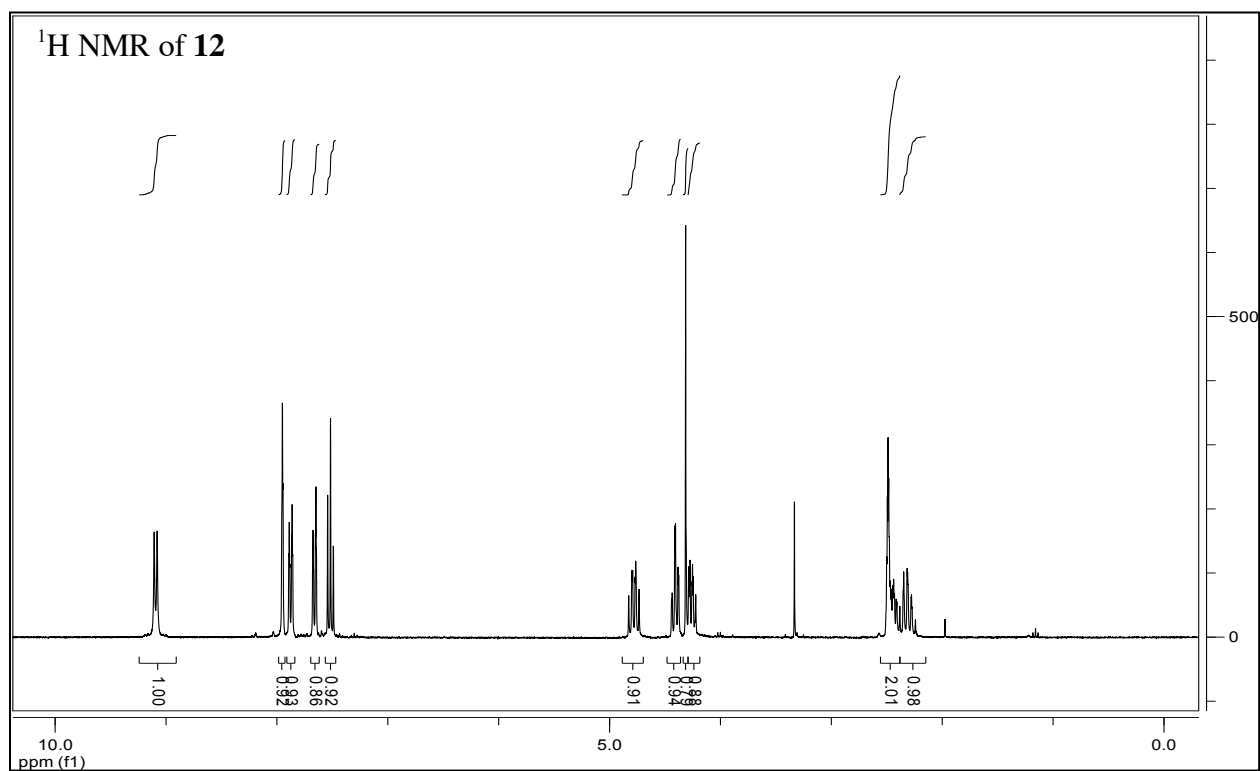
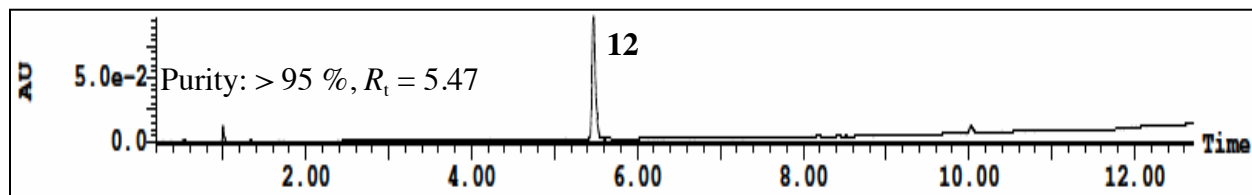


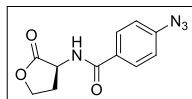
**N-(4-Ethynylbenzoyl)-L-homoserine lactone (11).**



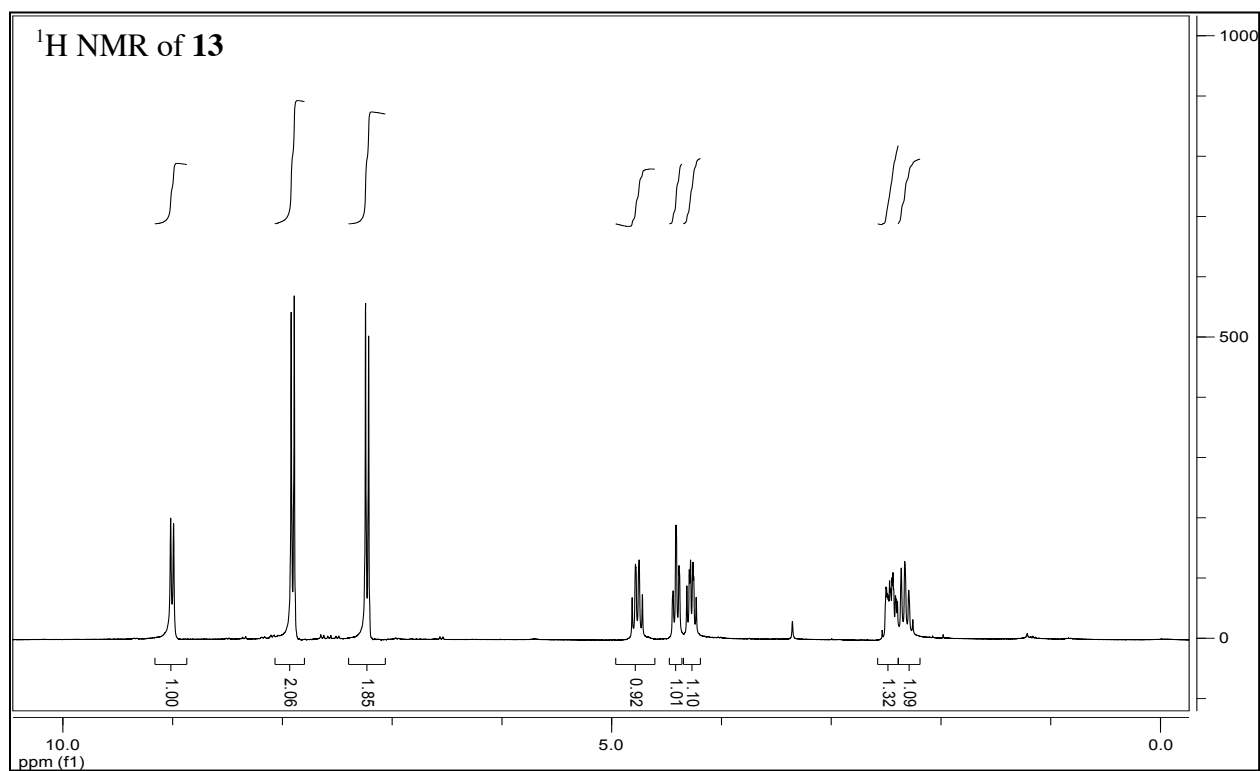
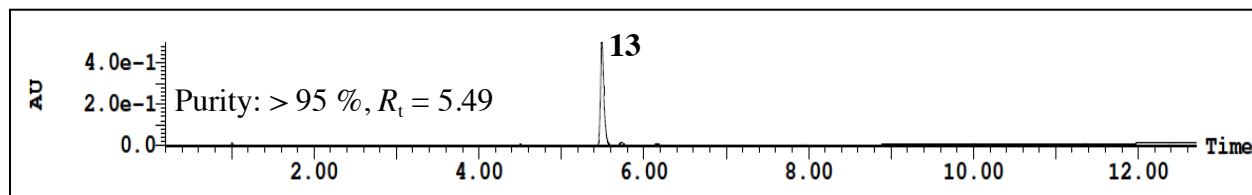


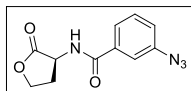
***N*-(3-Ethynylbenzoyl)-L-homoserine lactone (12).**



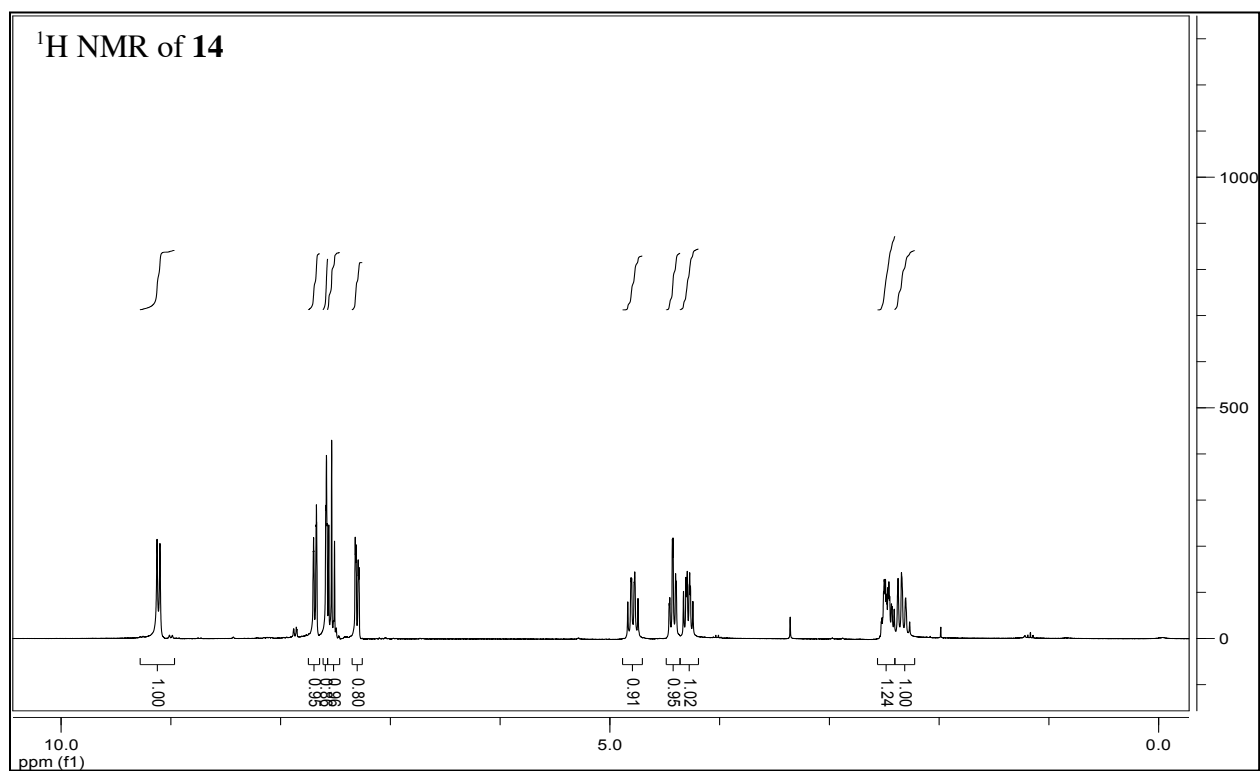
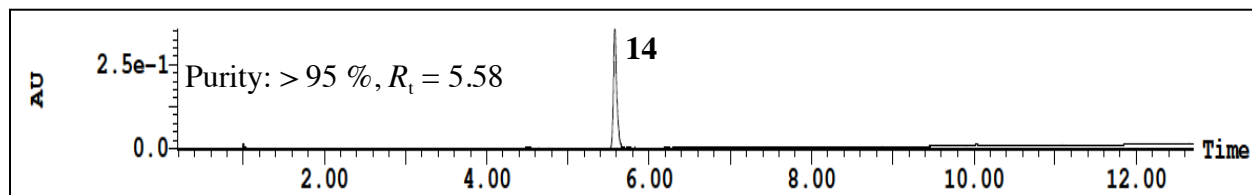


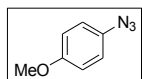
**N-(4-Azidobenzoyl)-L-homoserine lactone (13).**



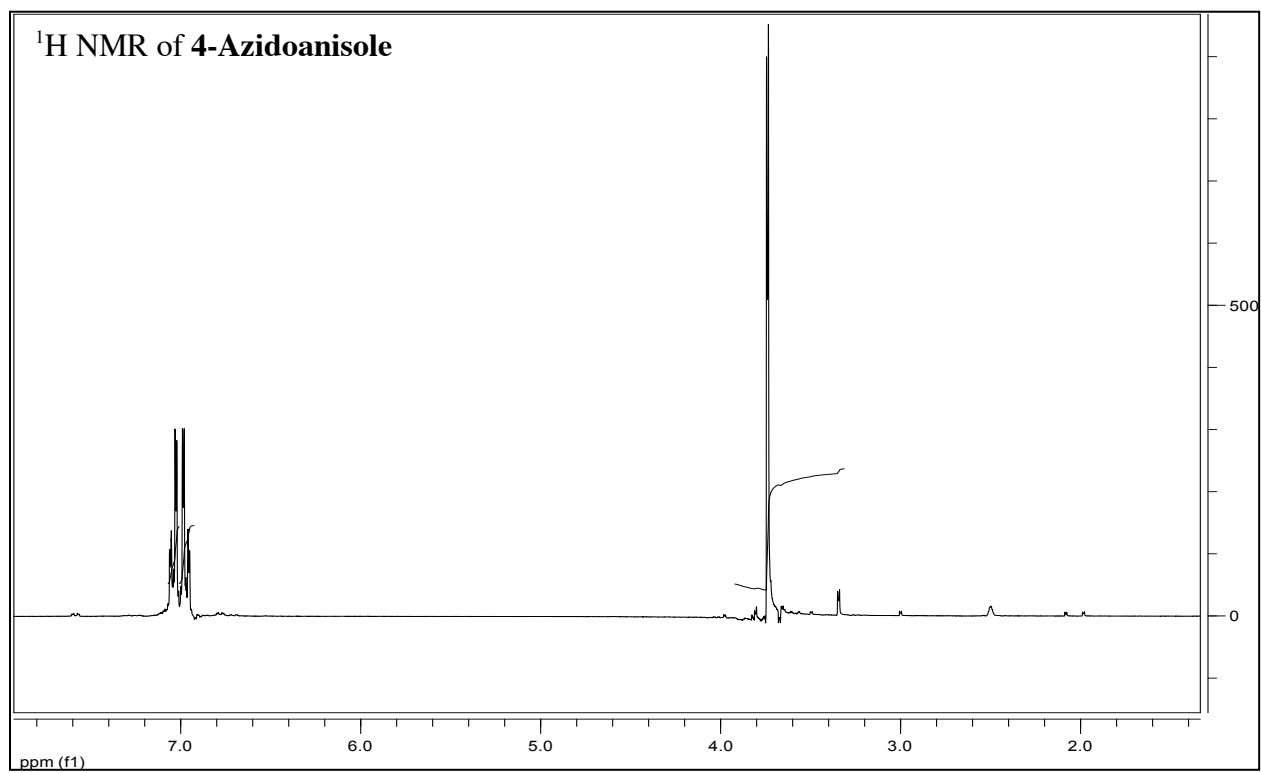


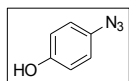
**N-(3-Azidobenzoyl)-L-homoserine lactone (14).**



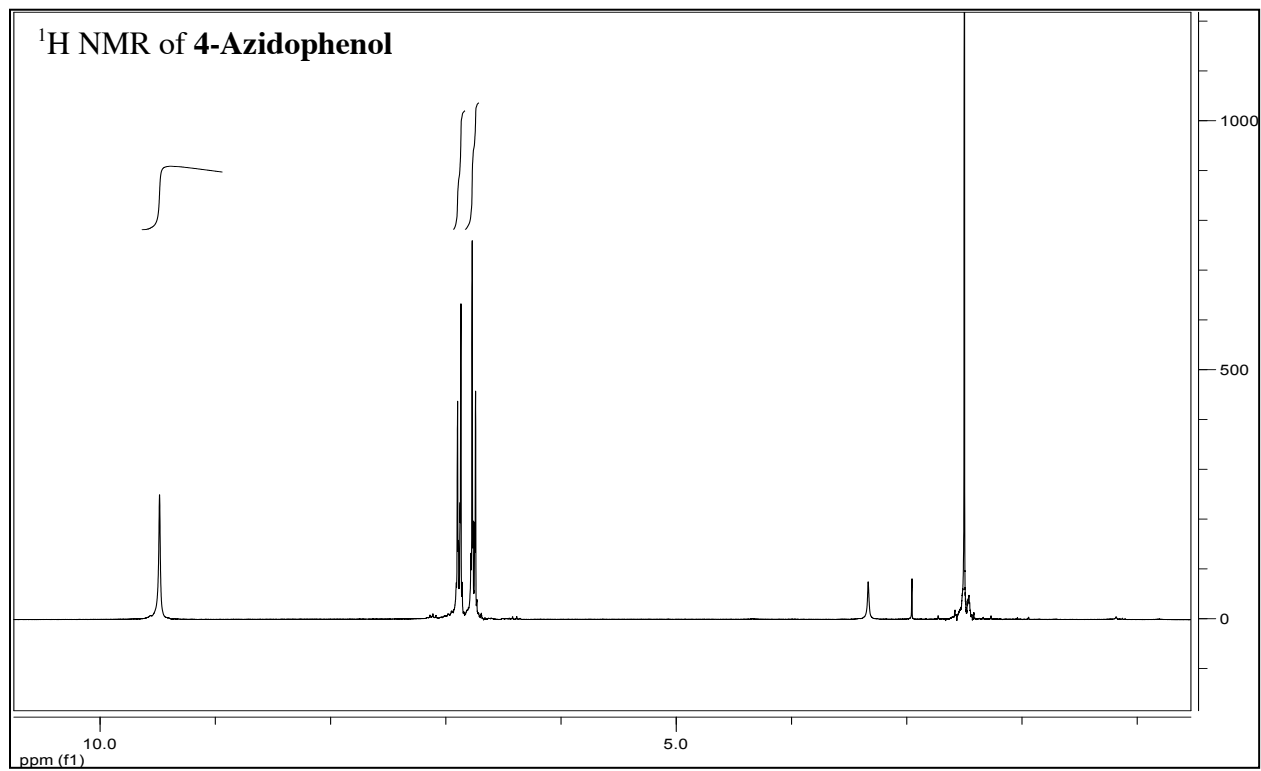


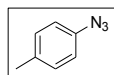
**4-Azidoanisole.**



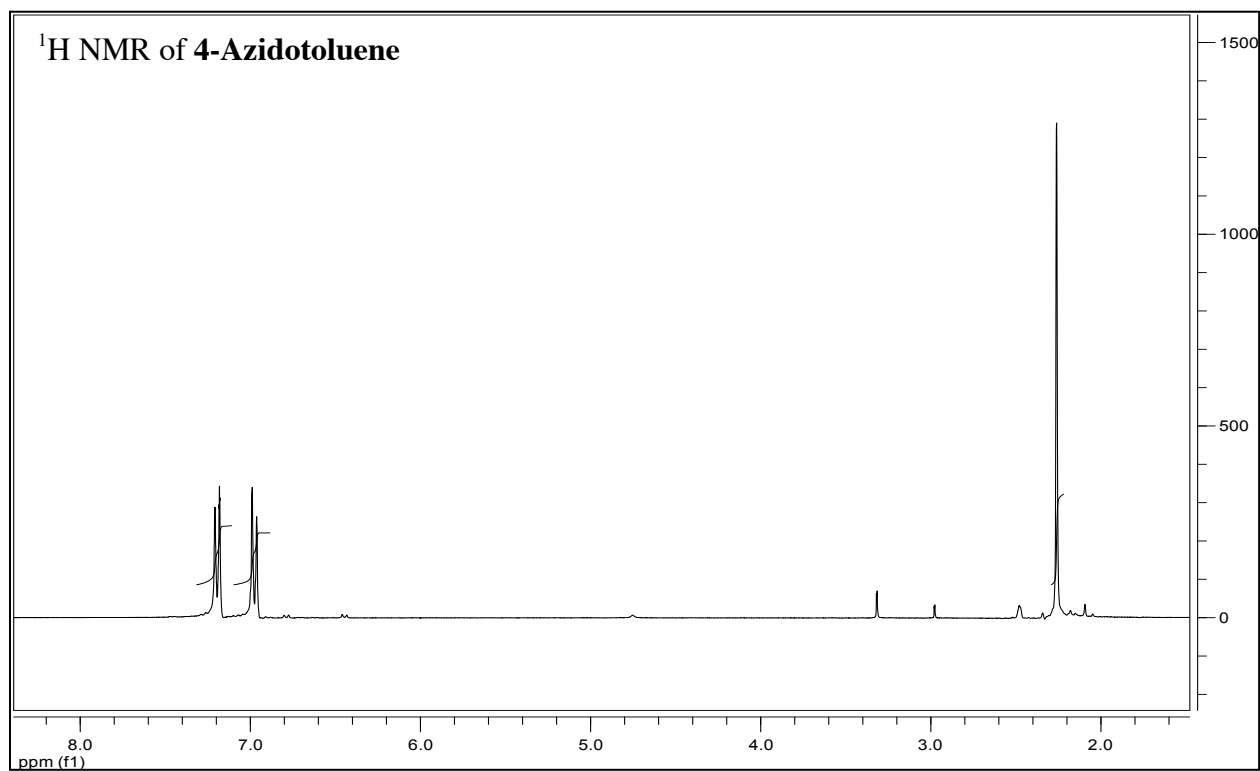


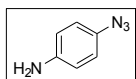
**4-Azidophenol**



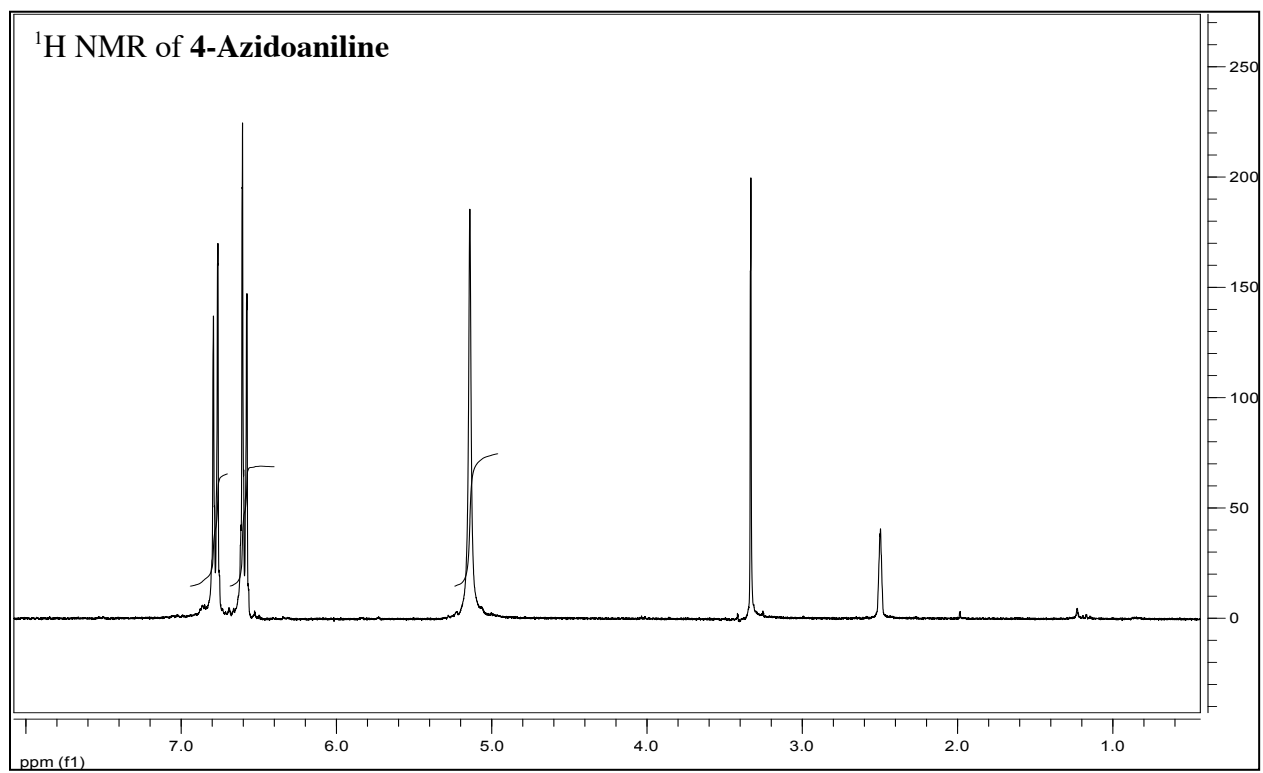


**4-Azidotoluene**

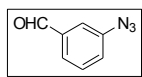




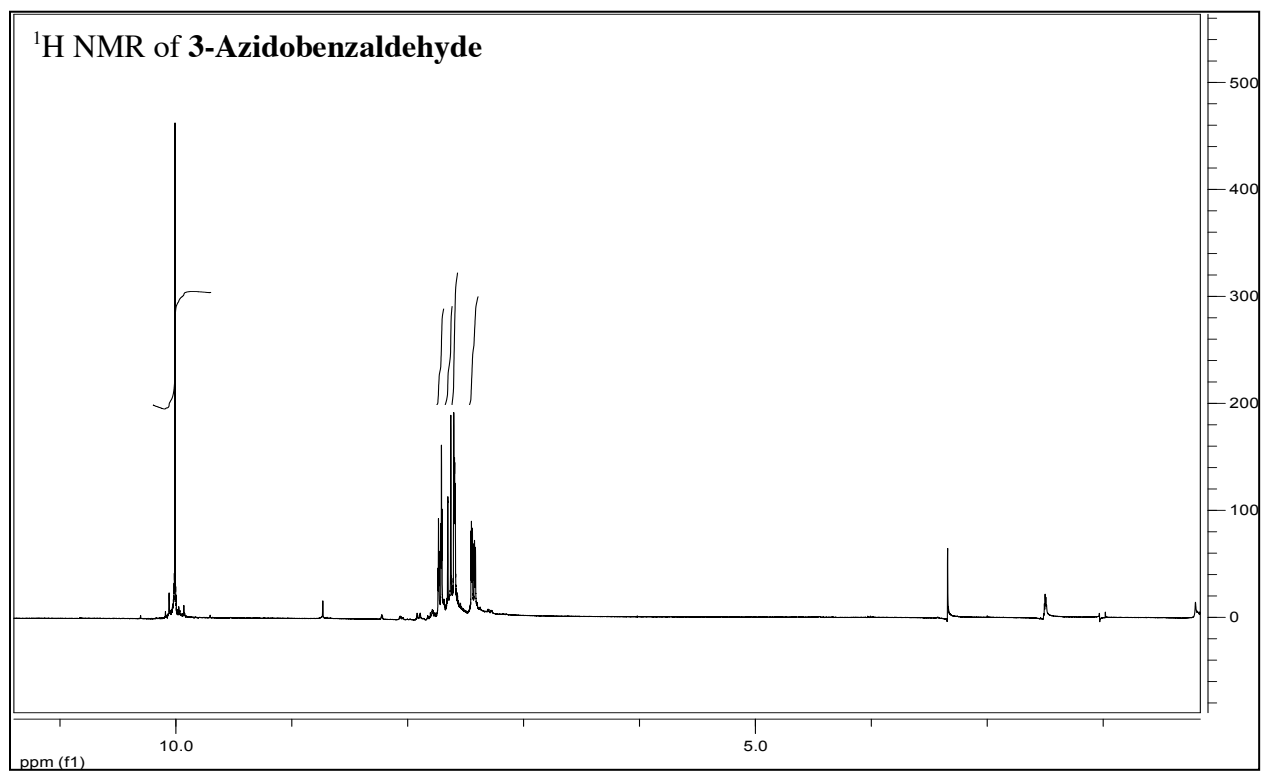
**4-Azidoaniline.**

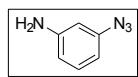




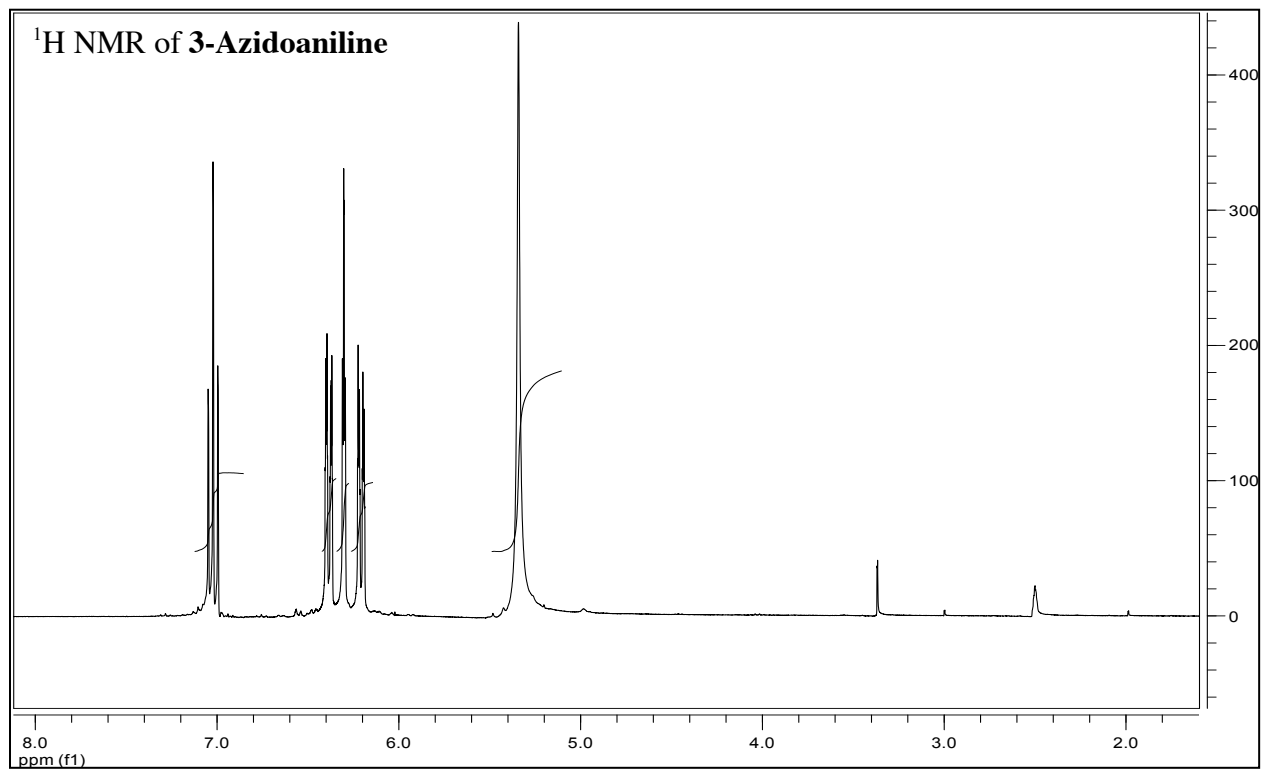


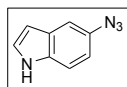
**3-Azidobenzaldehyde.**



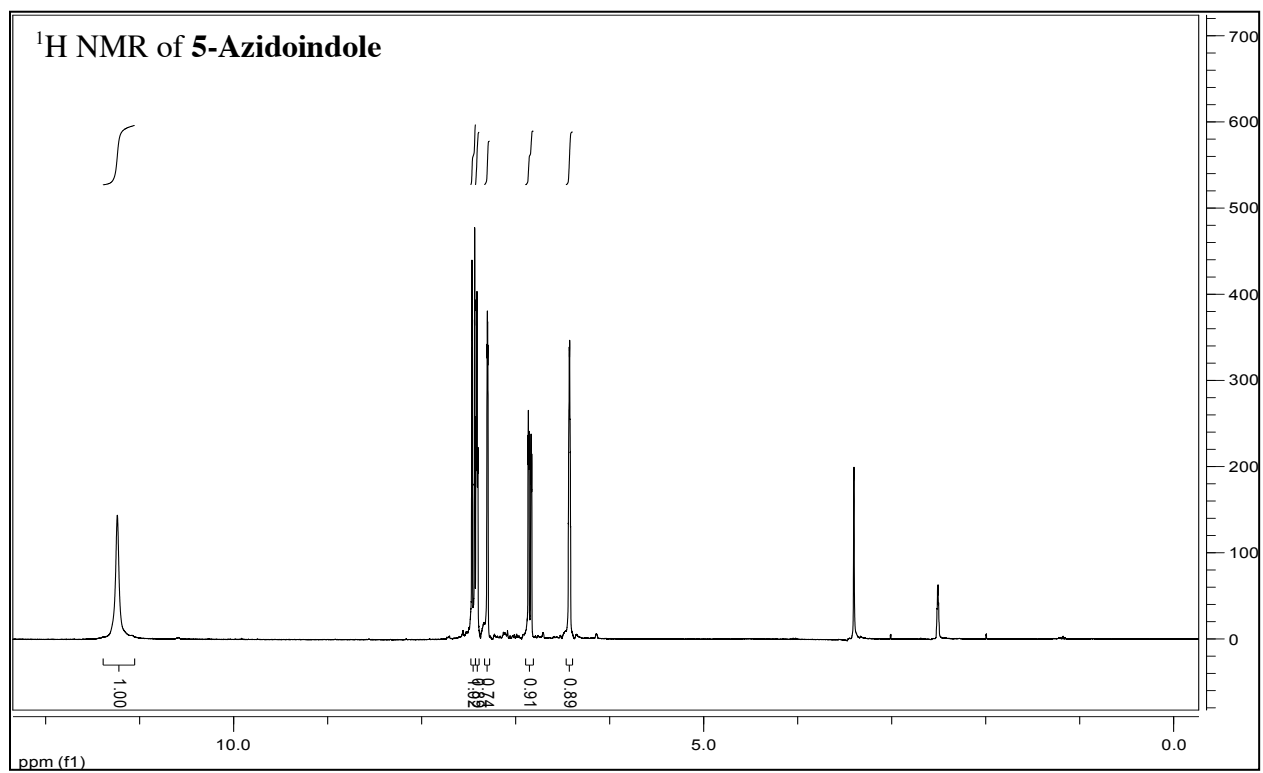


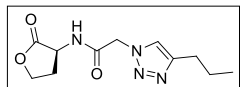
**3-Azidoaniline**



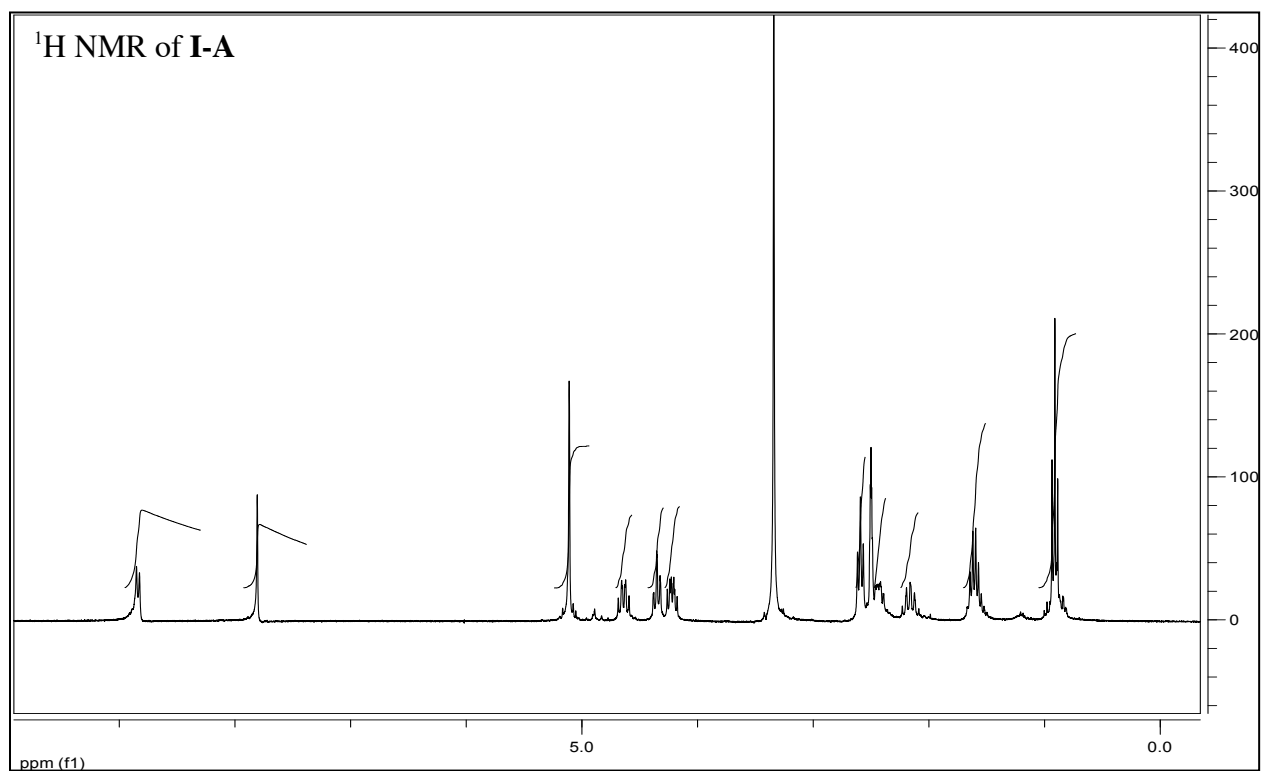
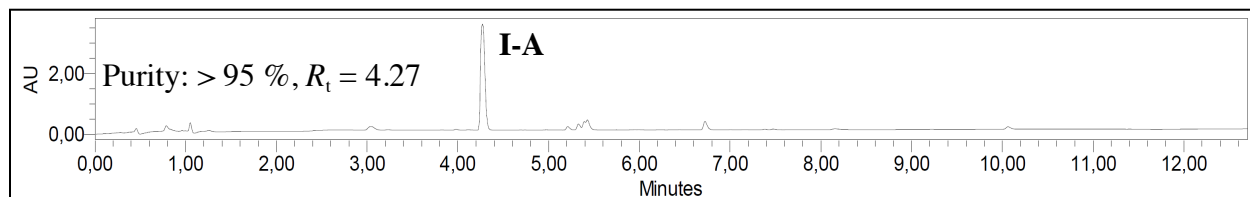


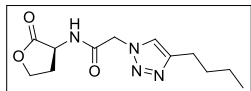
**5-Azidoindole.**



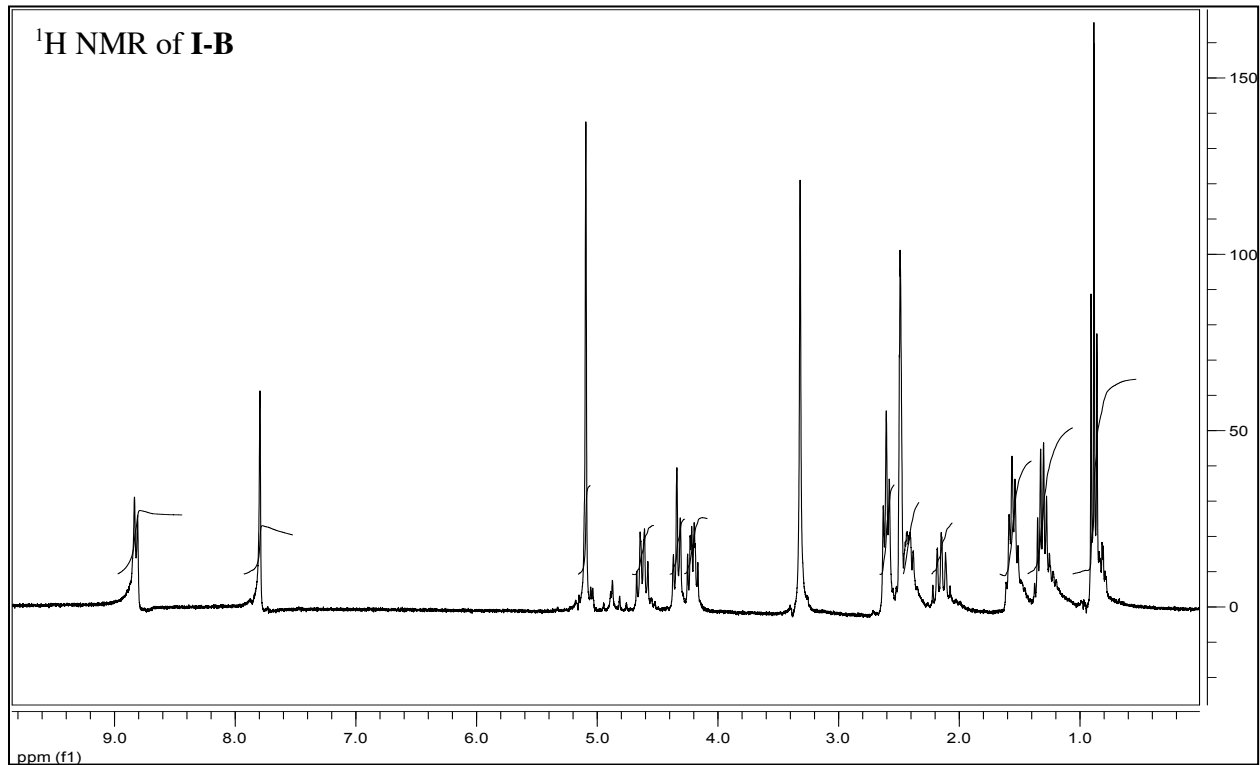
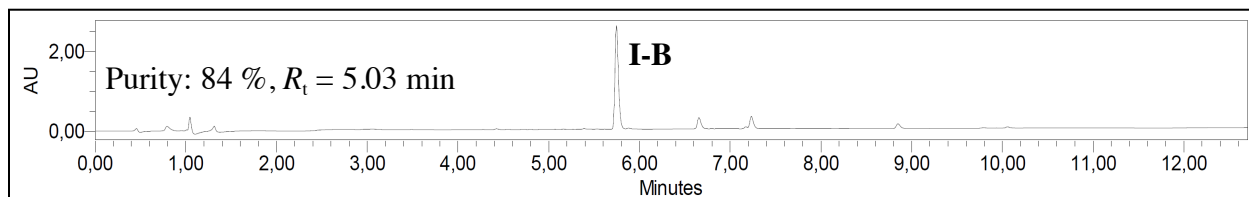


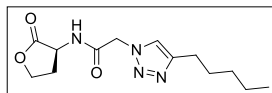
**Triazole I-A.**



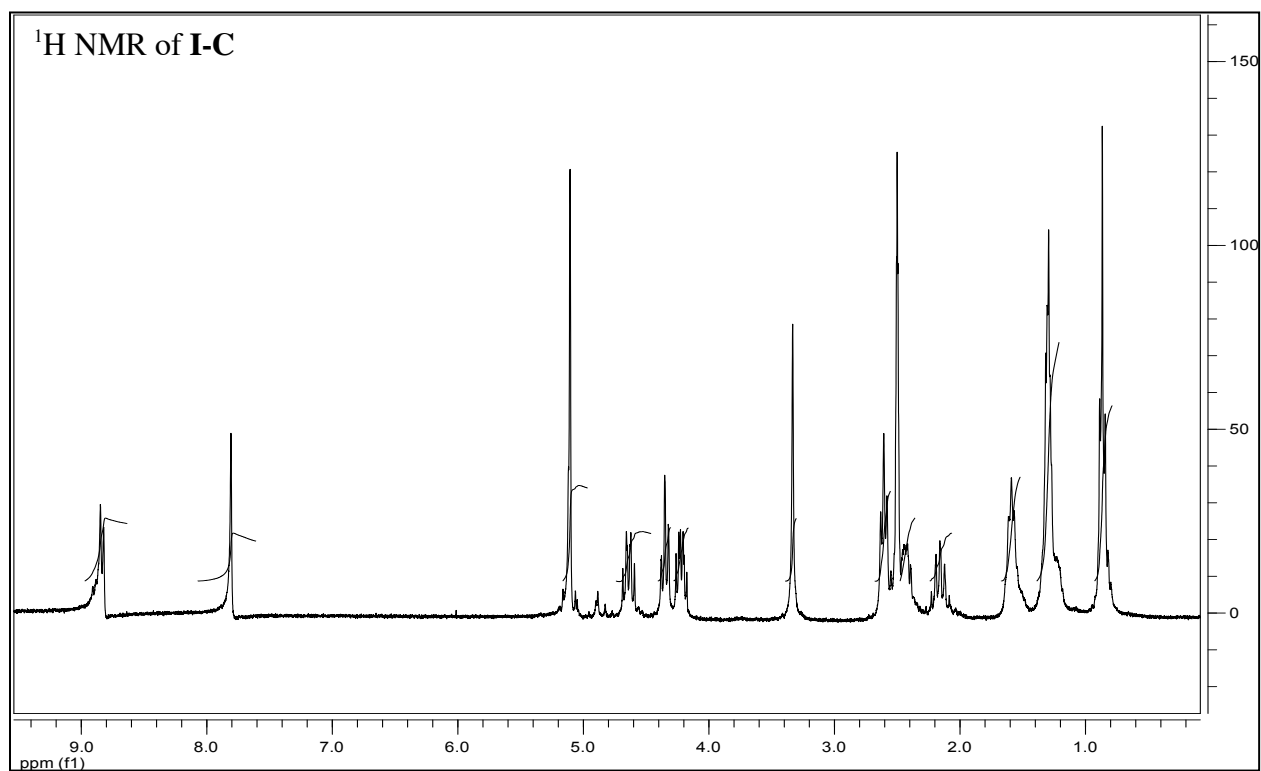
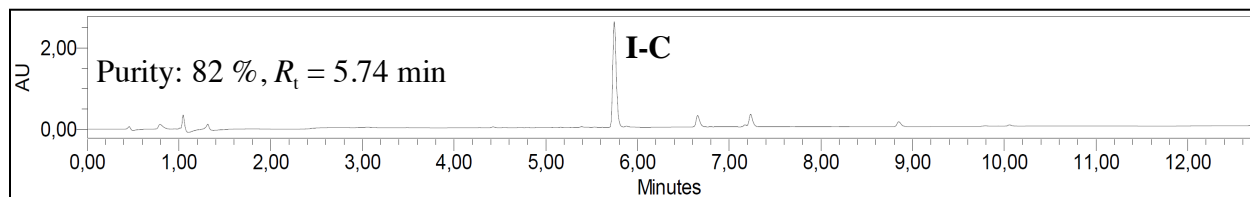


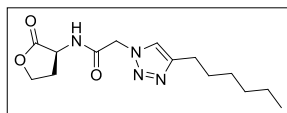
**Triazole I-B.**



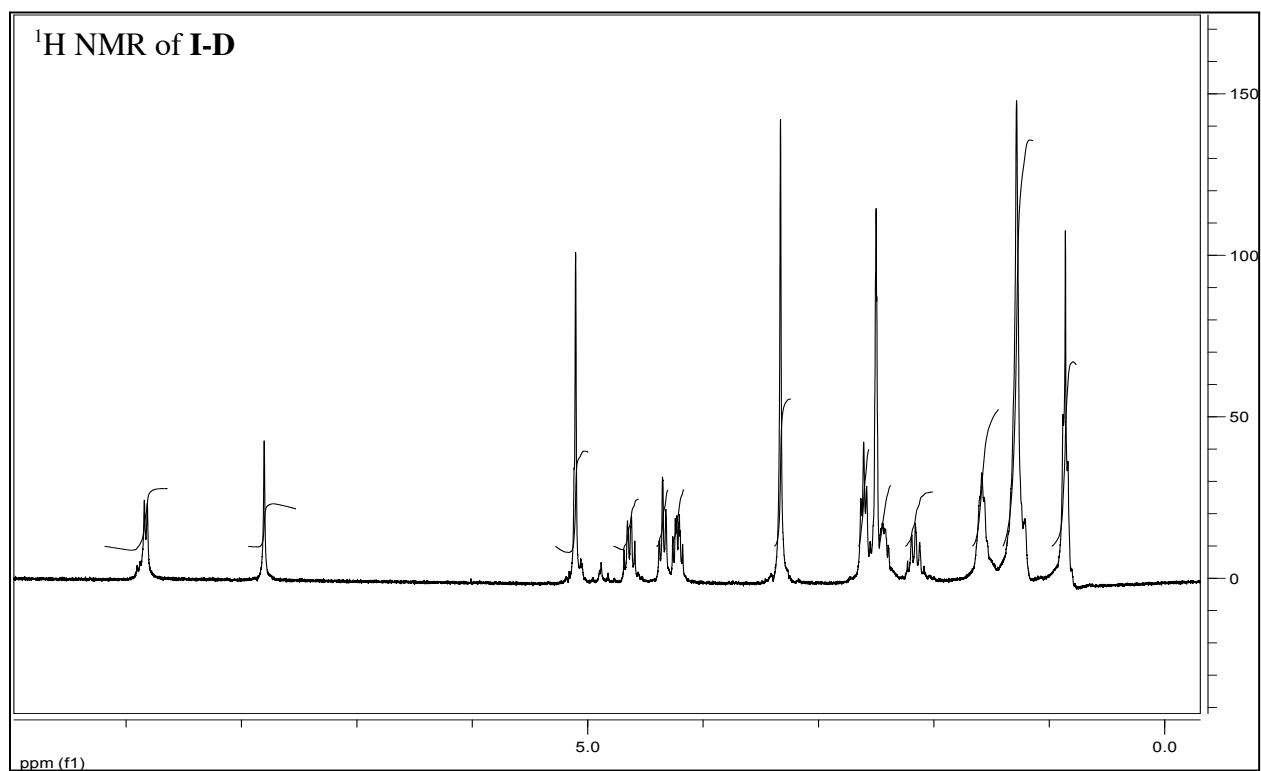
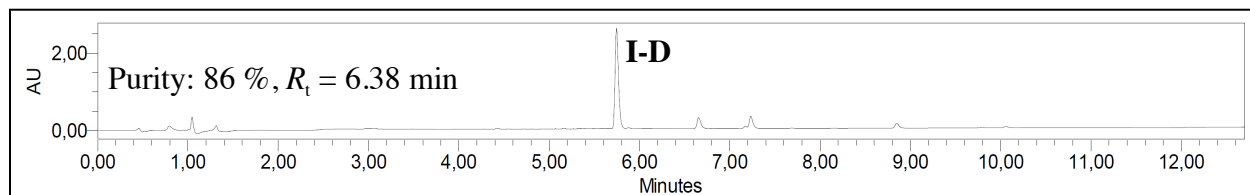


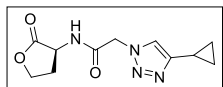
**Triazole I-C.**



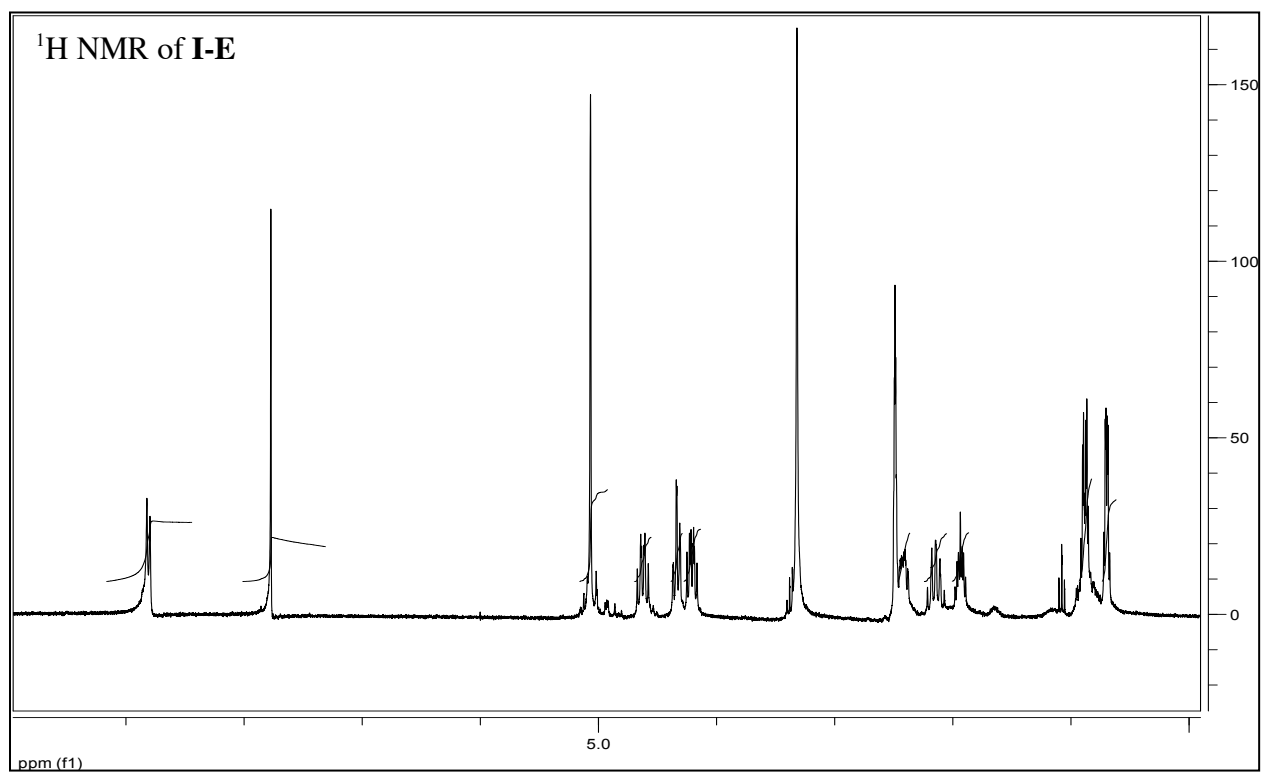
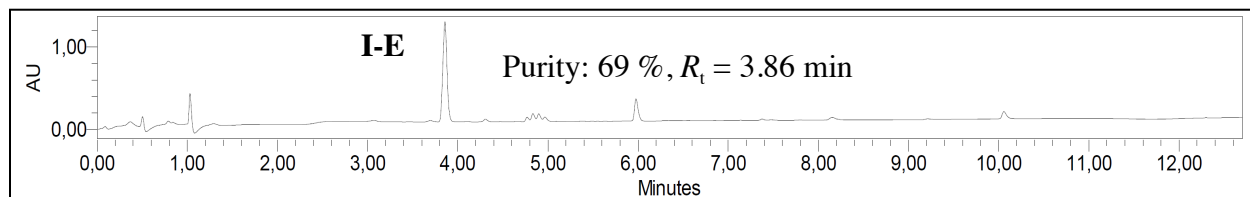


**Triazole I-D.**

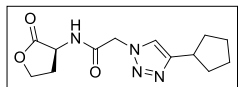




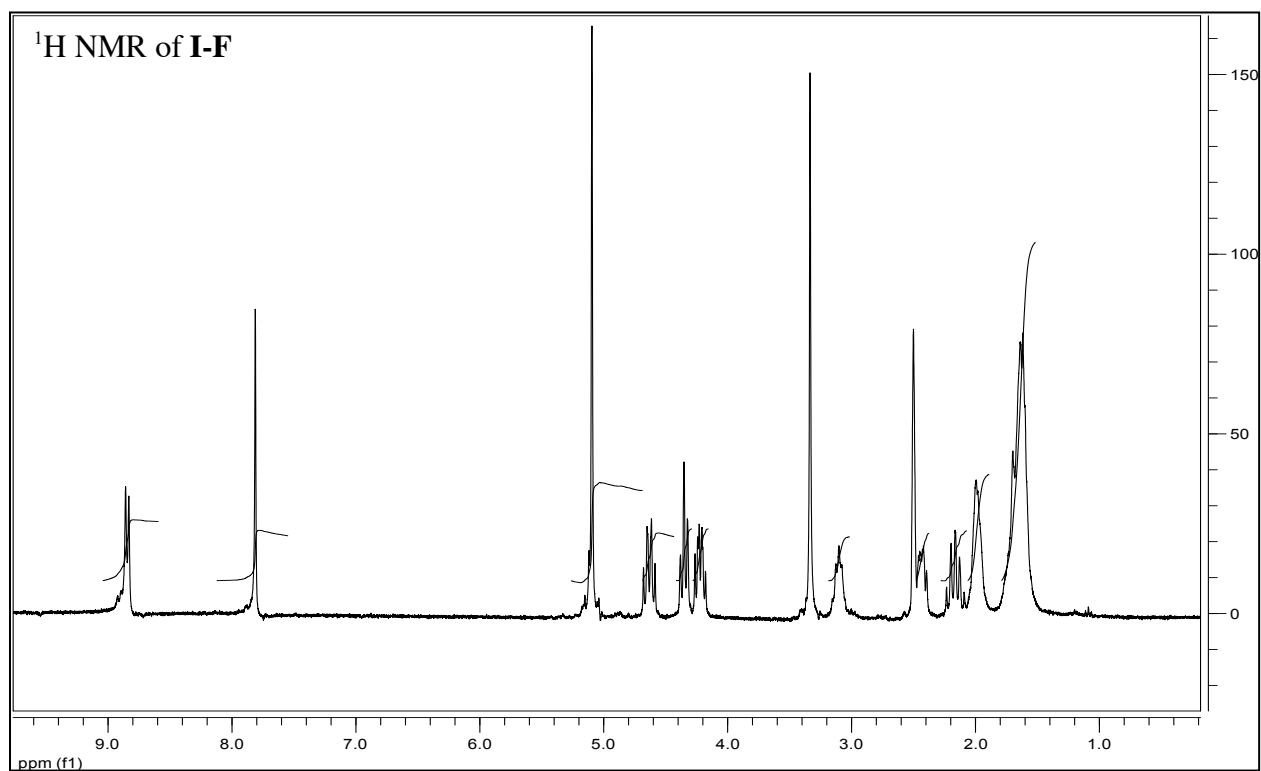
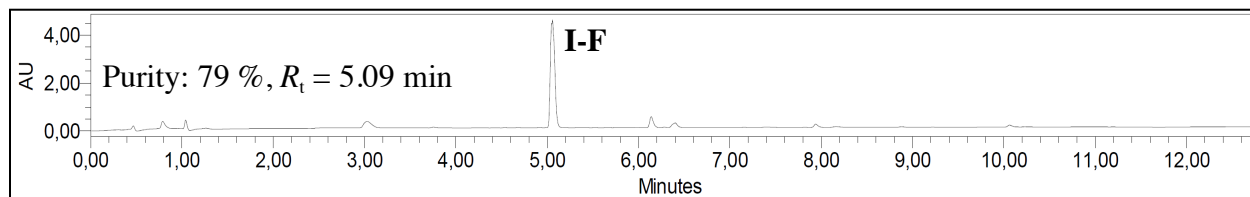
**Triazole I-E.**

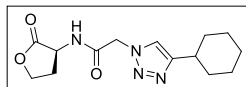




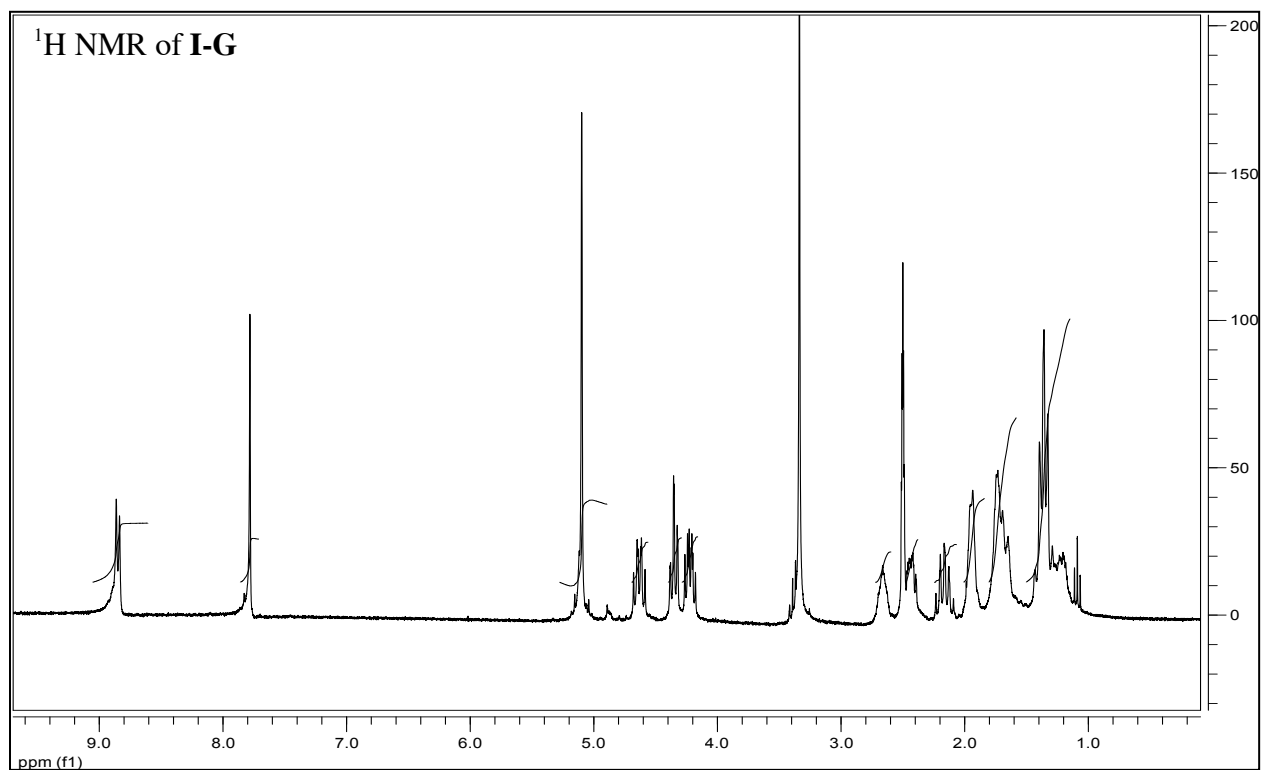
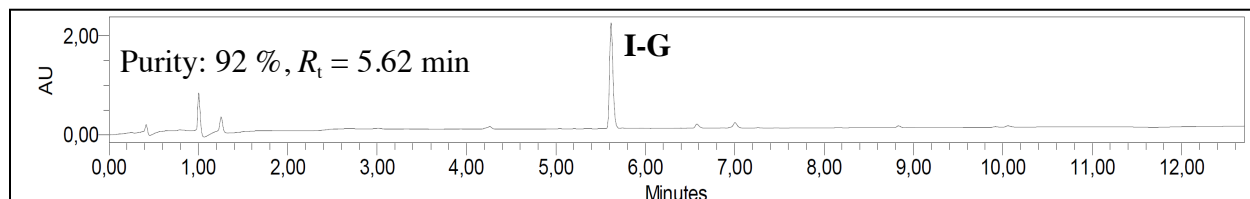


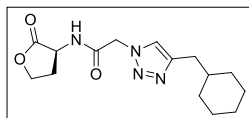
**Triazole I-F.**



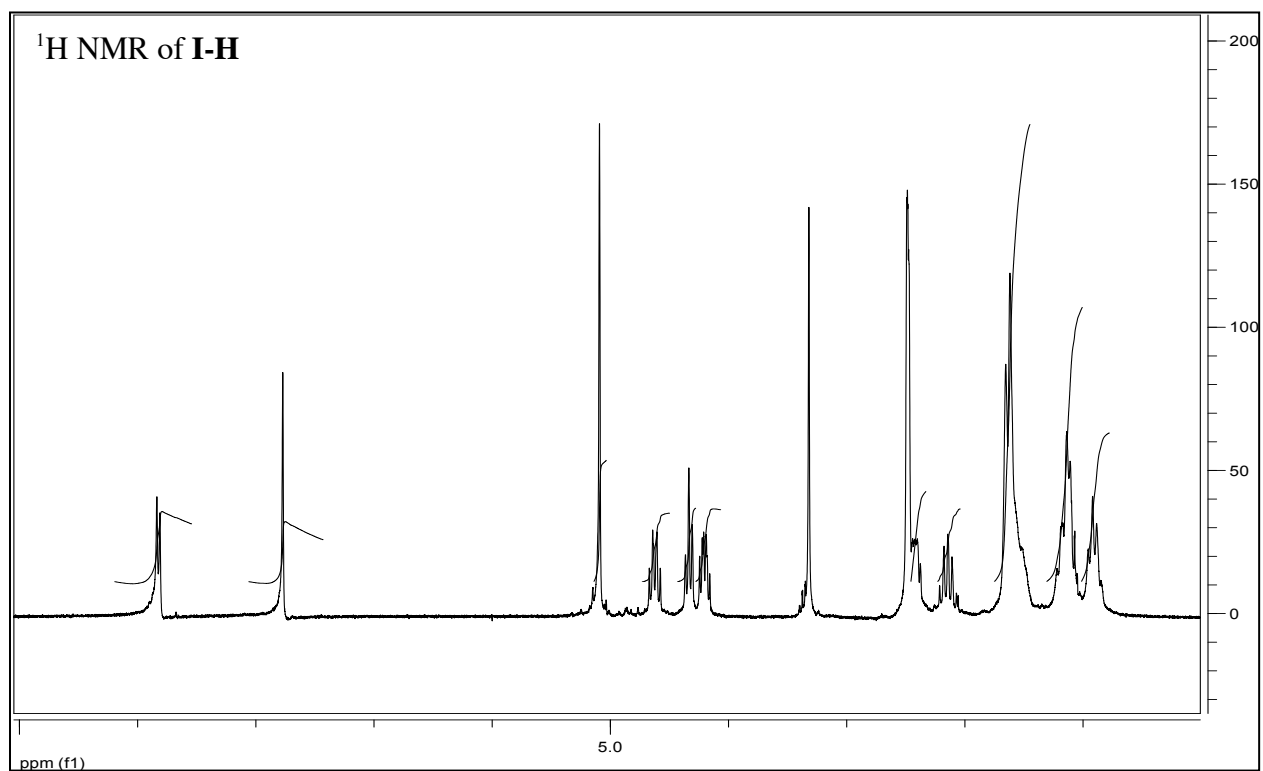
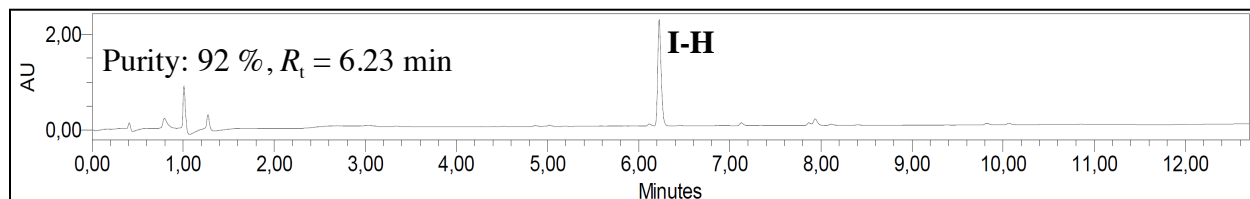


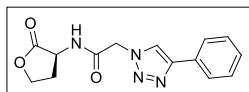
**Triazole I-G.**



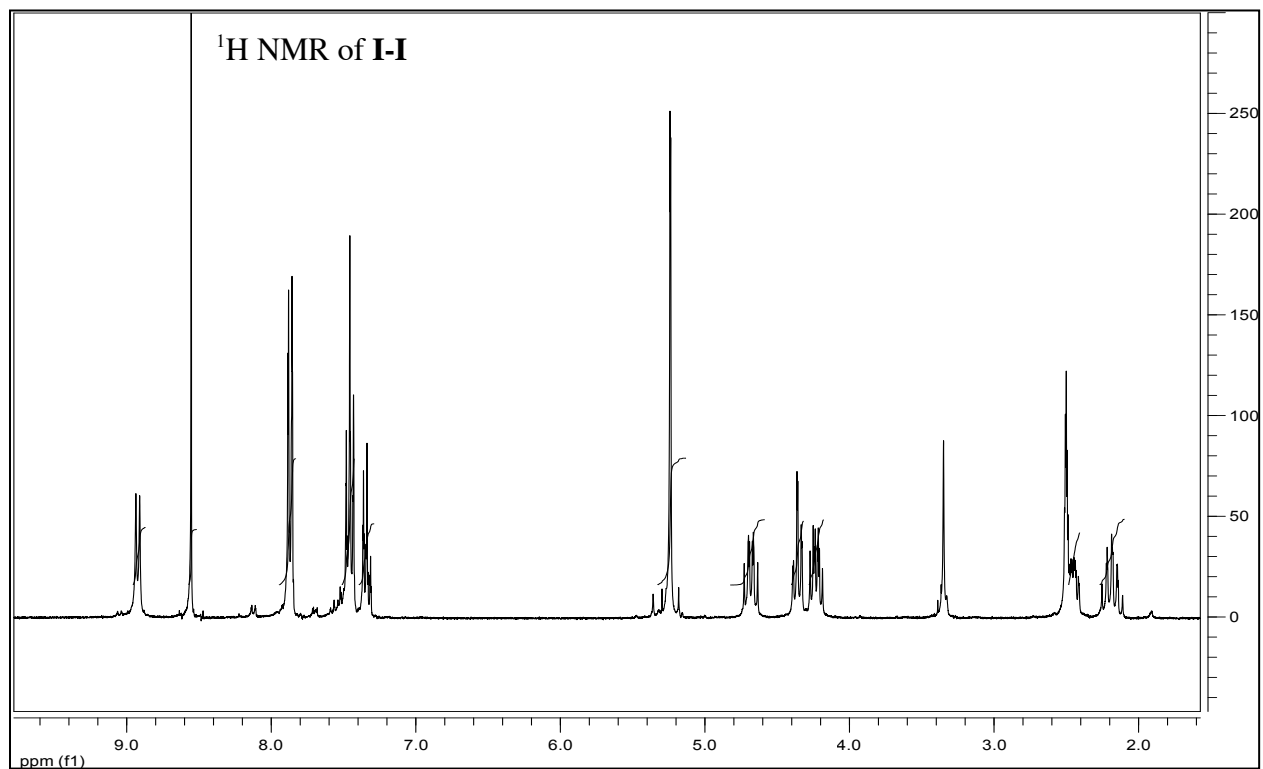
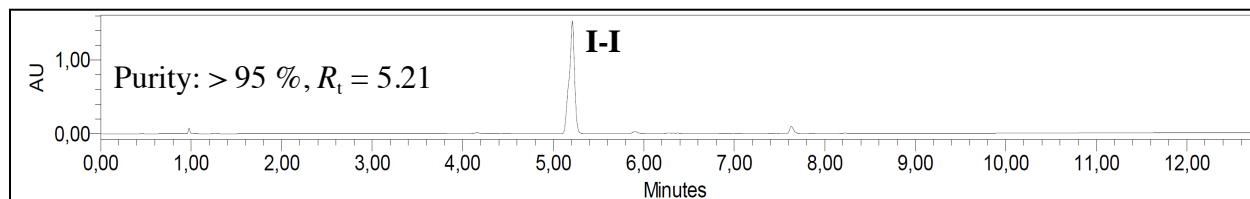


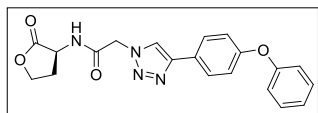
**Triazole I-H.**



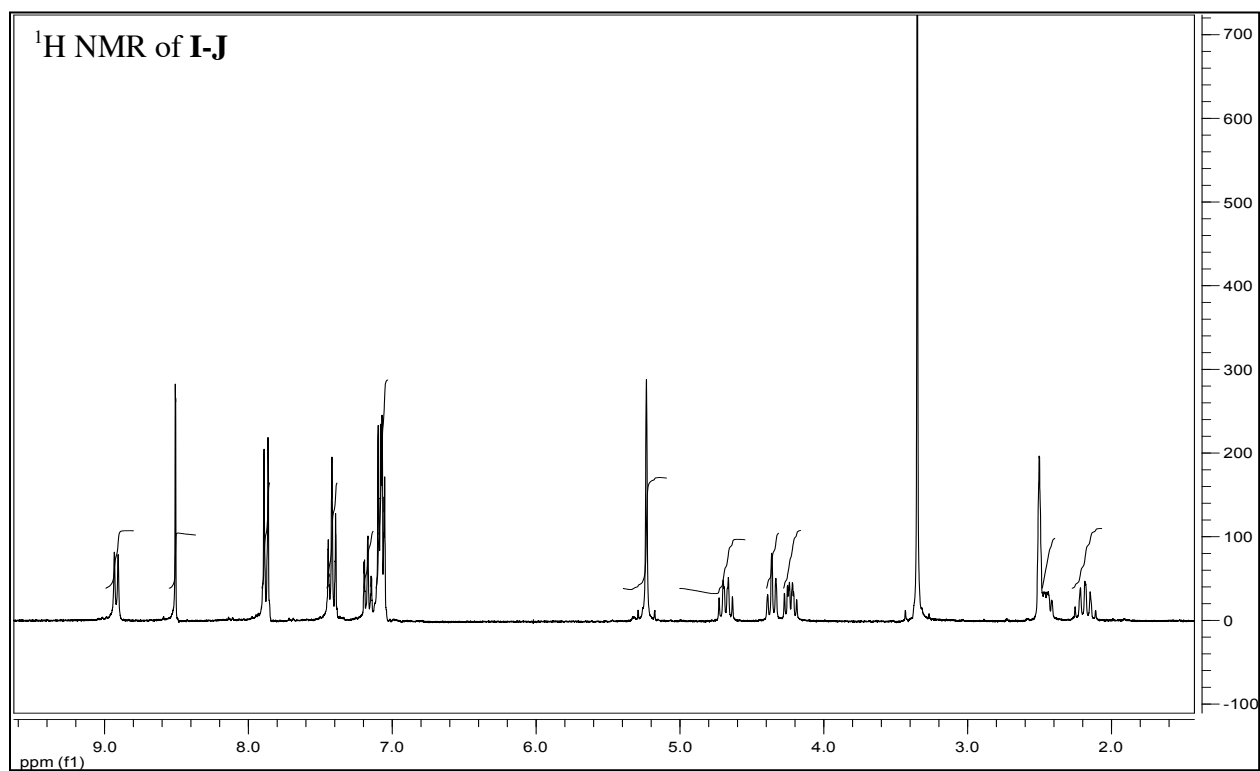
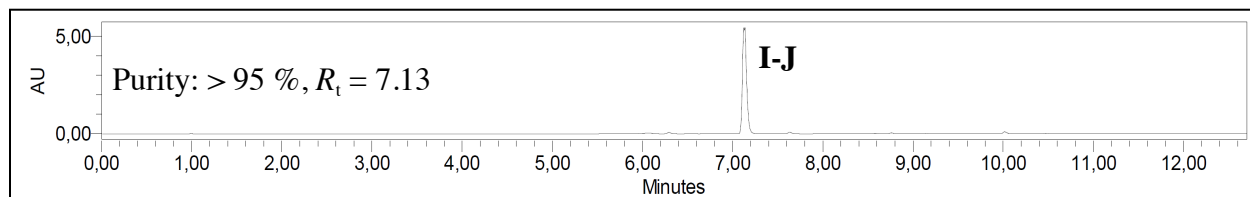


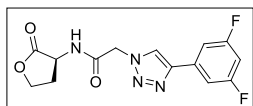
**Triazole I-I.**



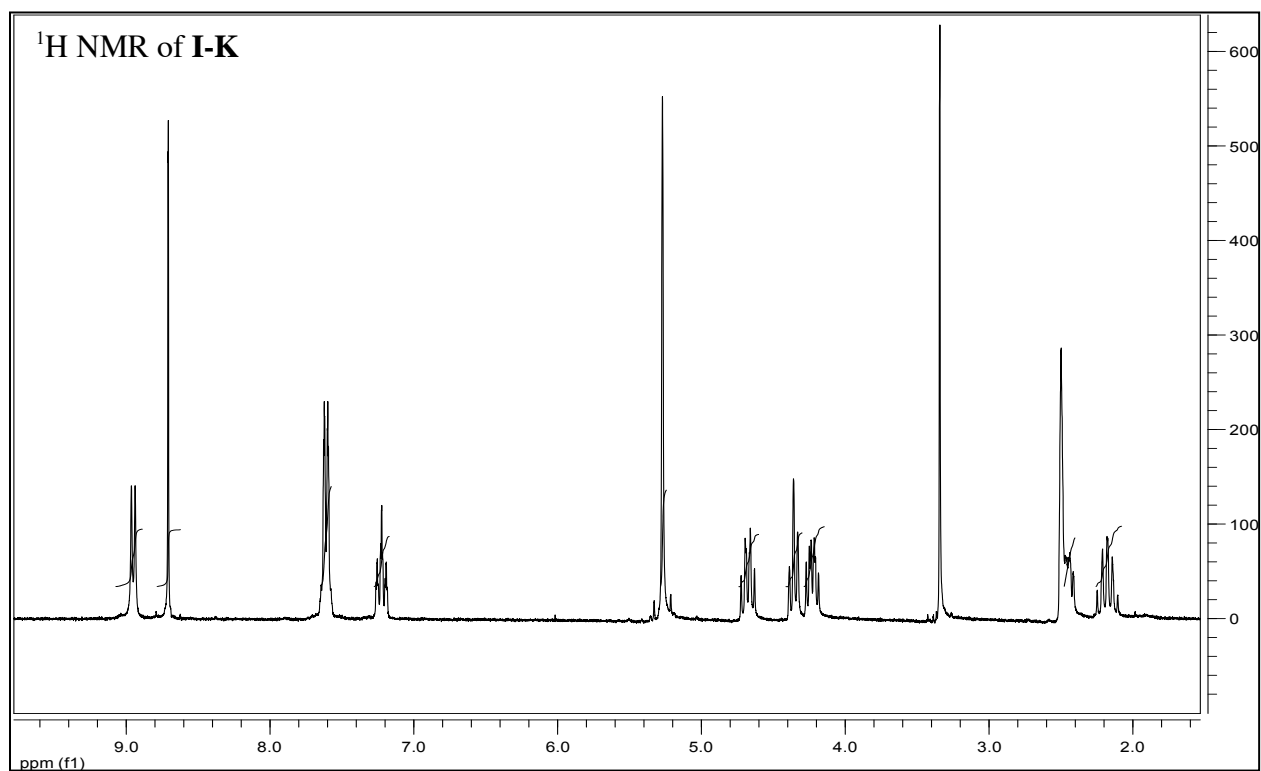
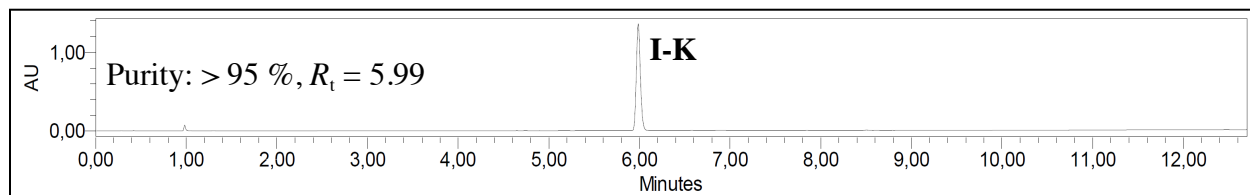


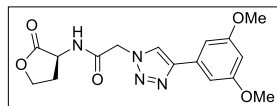
**Triazole I-J.**



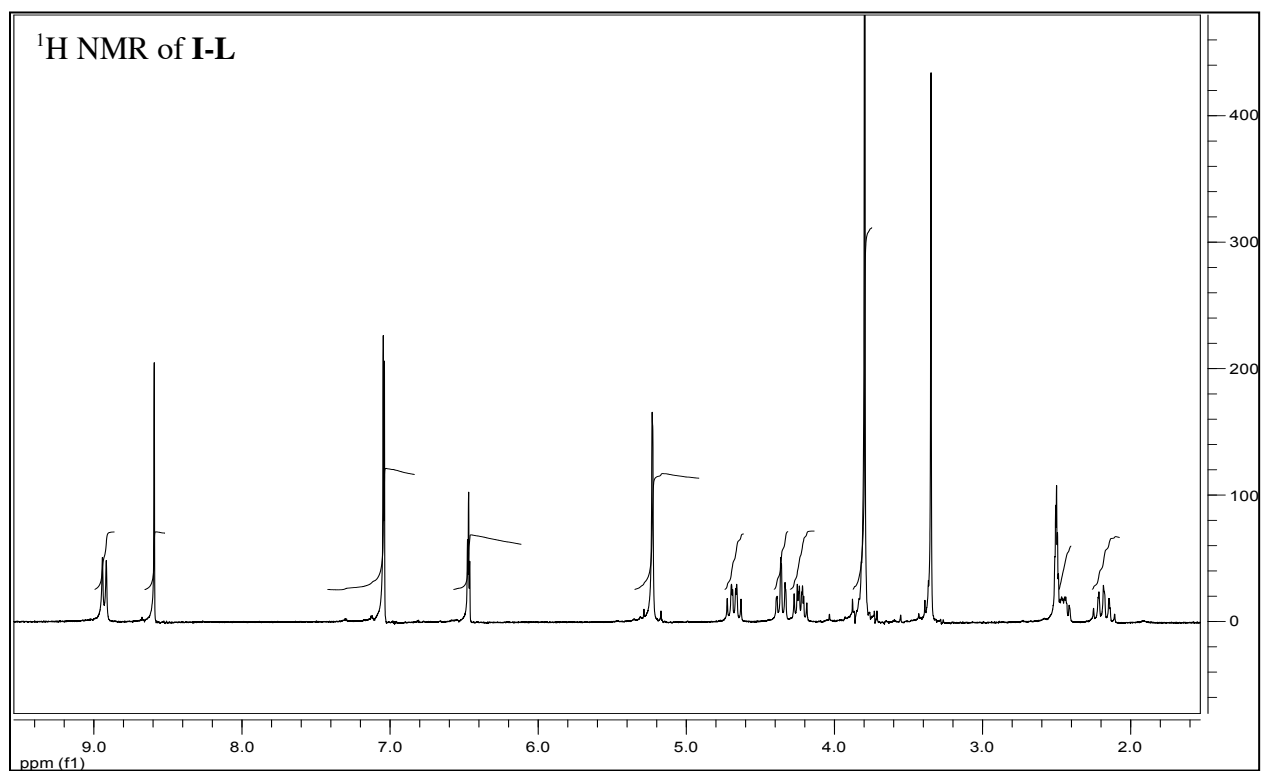
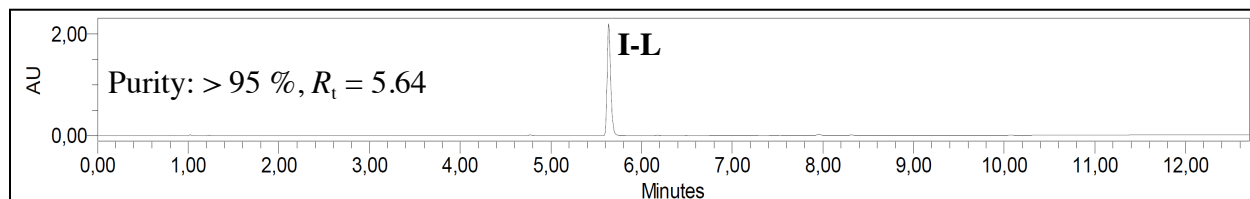


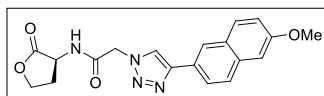
**Triazole I-K.**



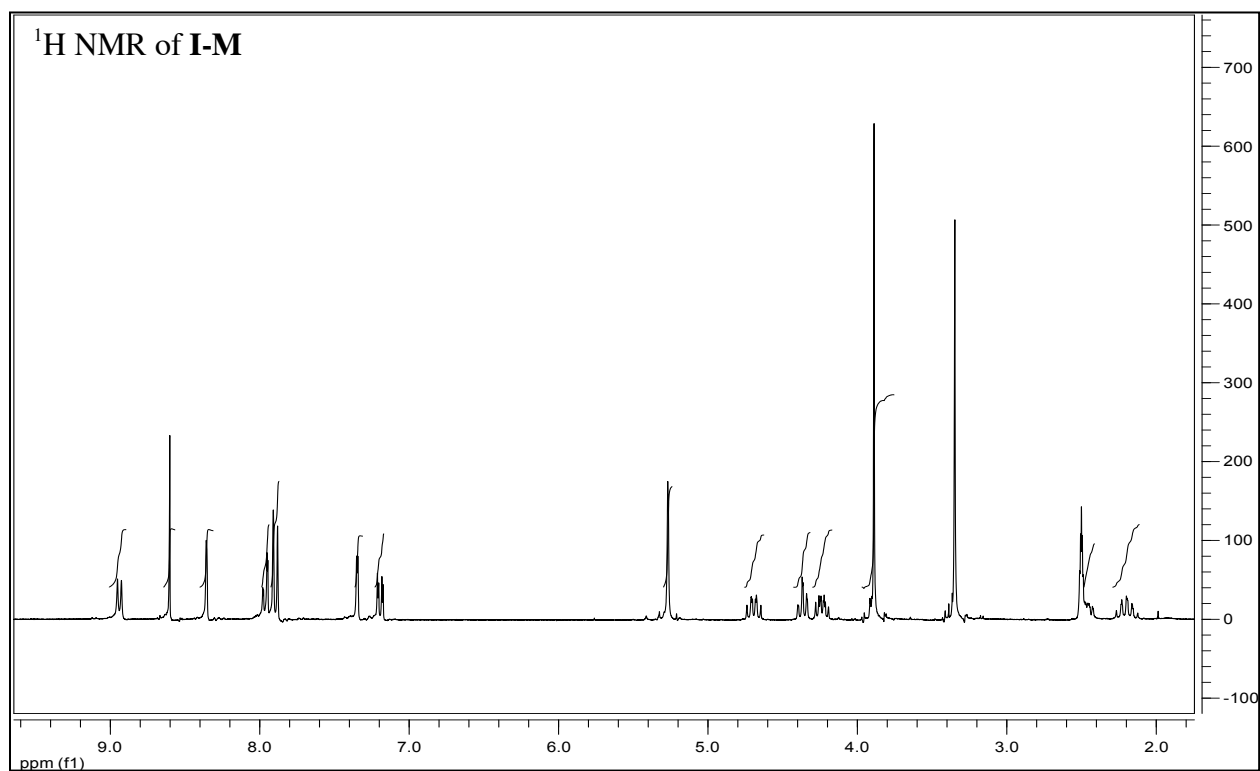
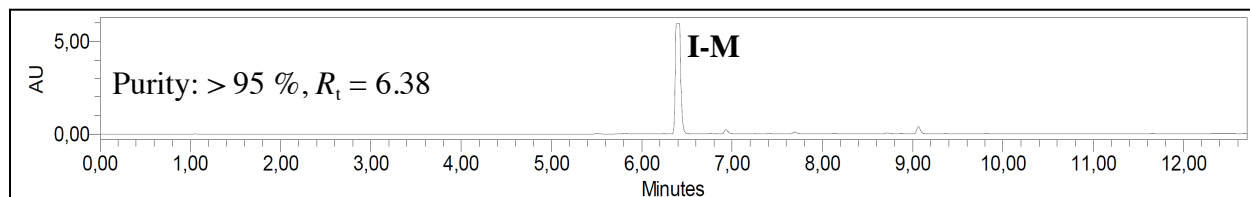


**Triazole I-L.**

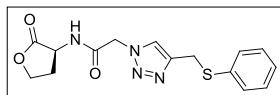




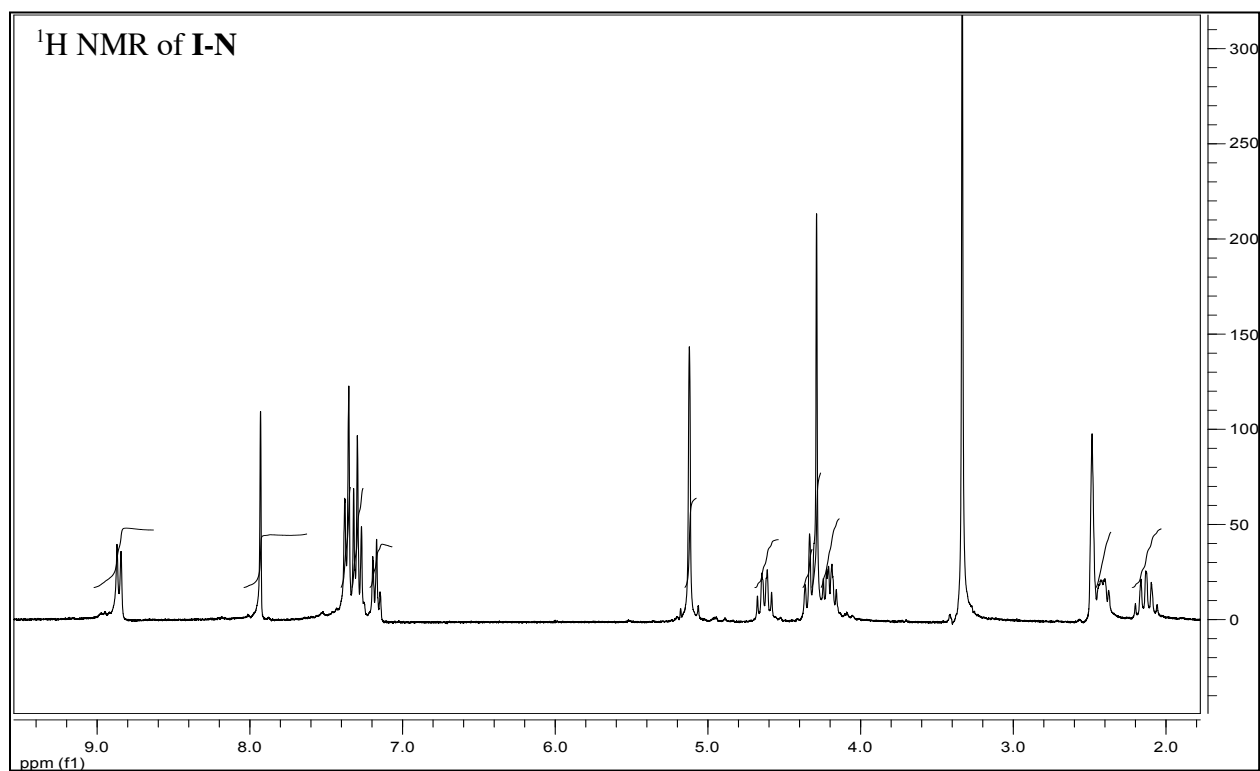
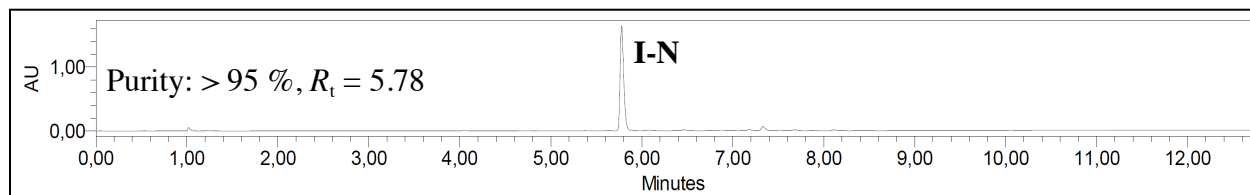
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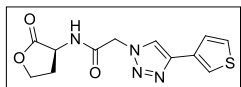




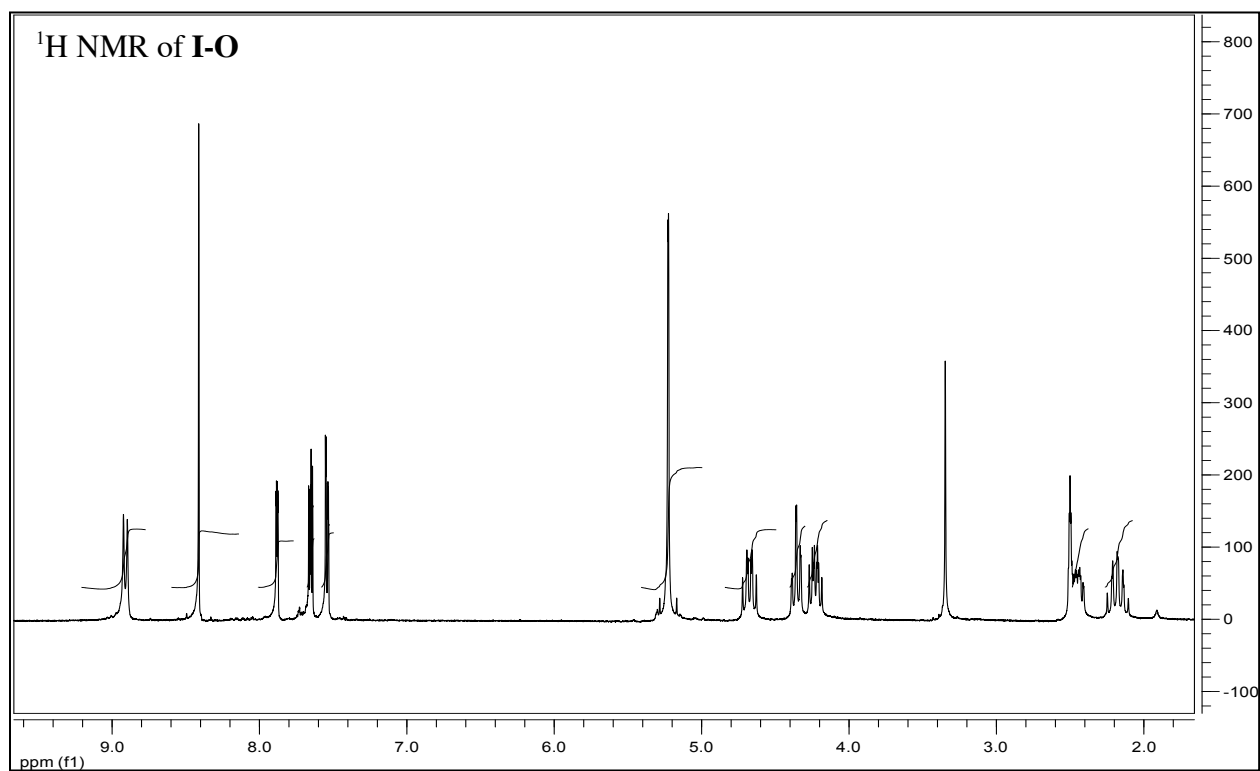
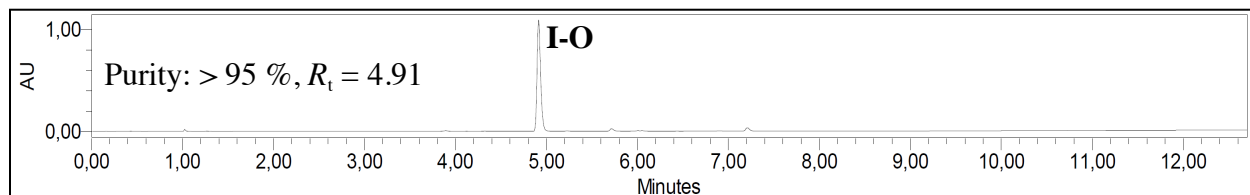


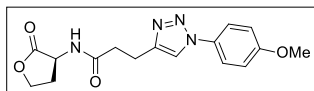
**Triazole I-N.**



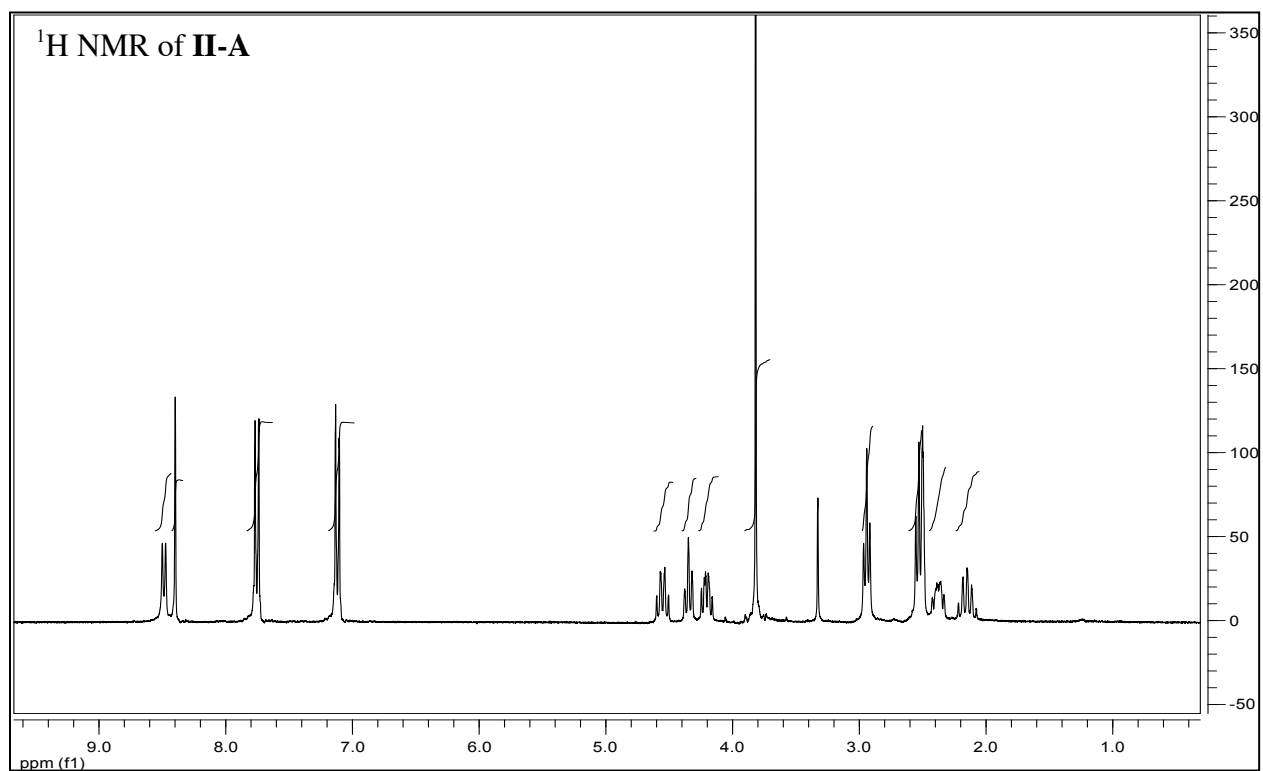
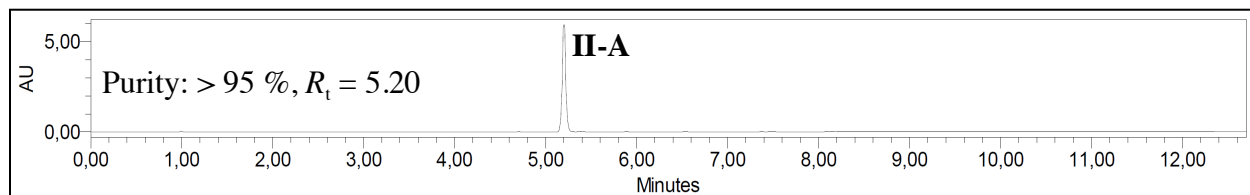


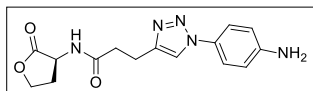
**Triazole I-O.**



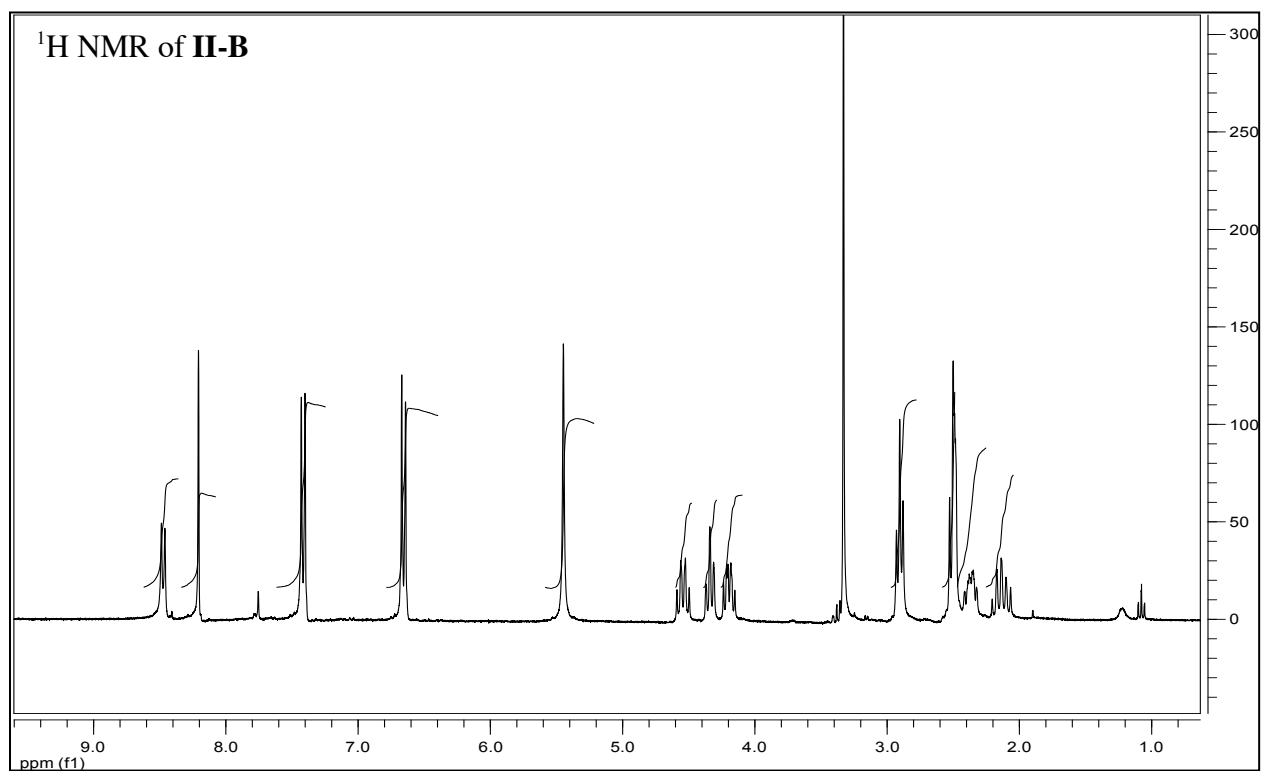
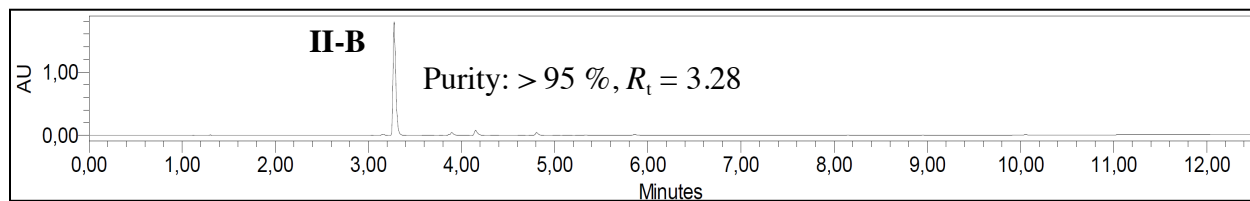


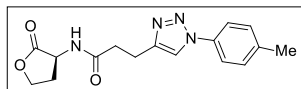
**Triazole II-A.**



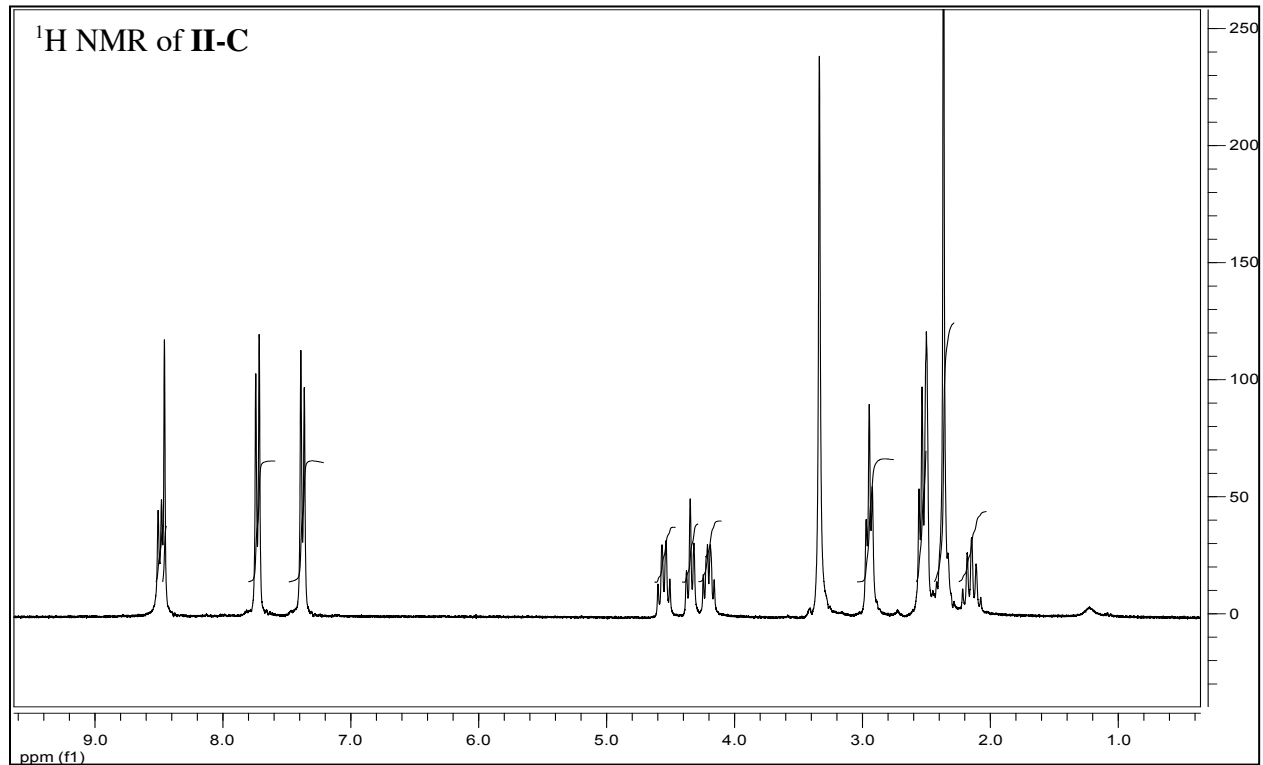
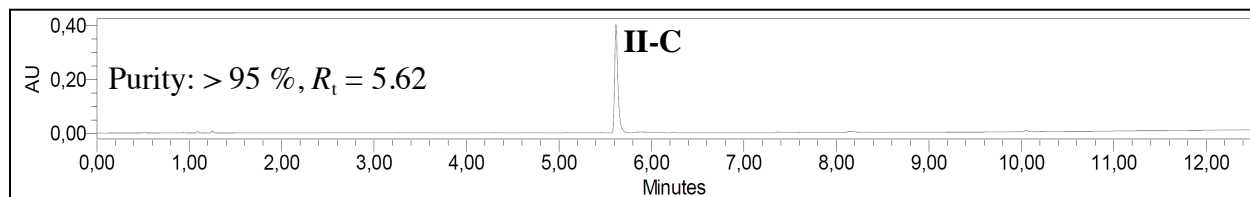


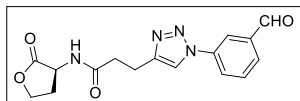
**Triazole II-B.**



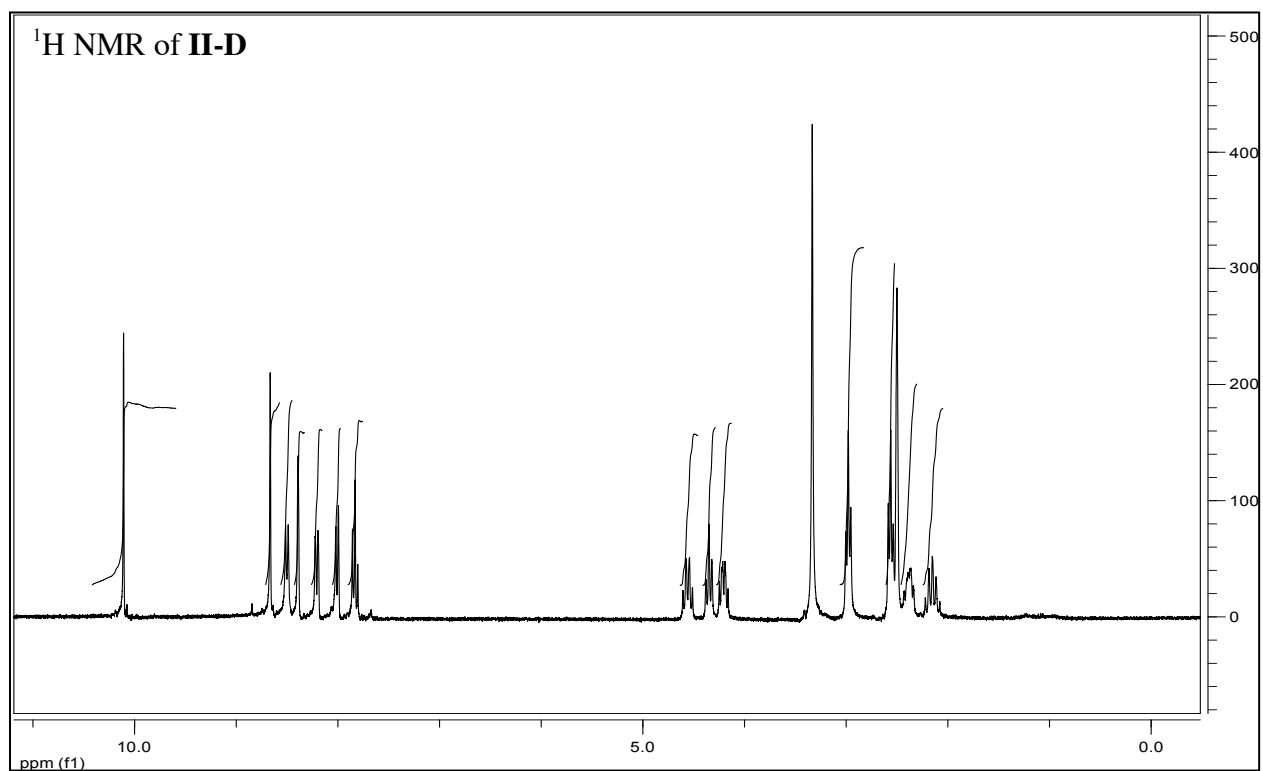
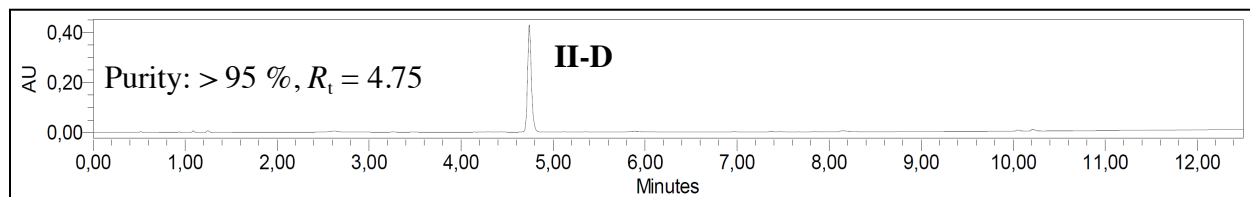


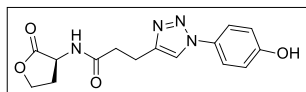
**Triazole II-C.**



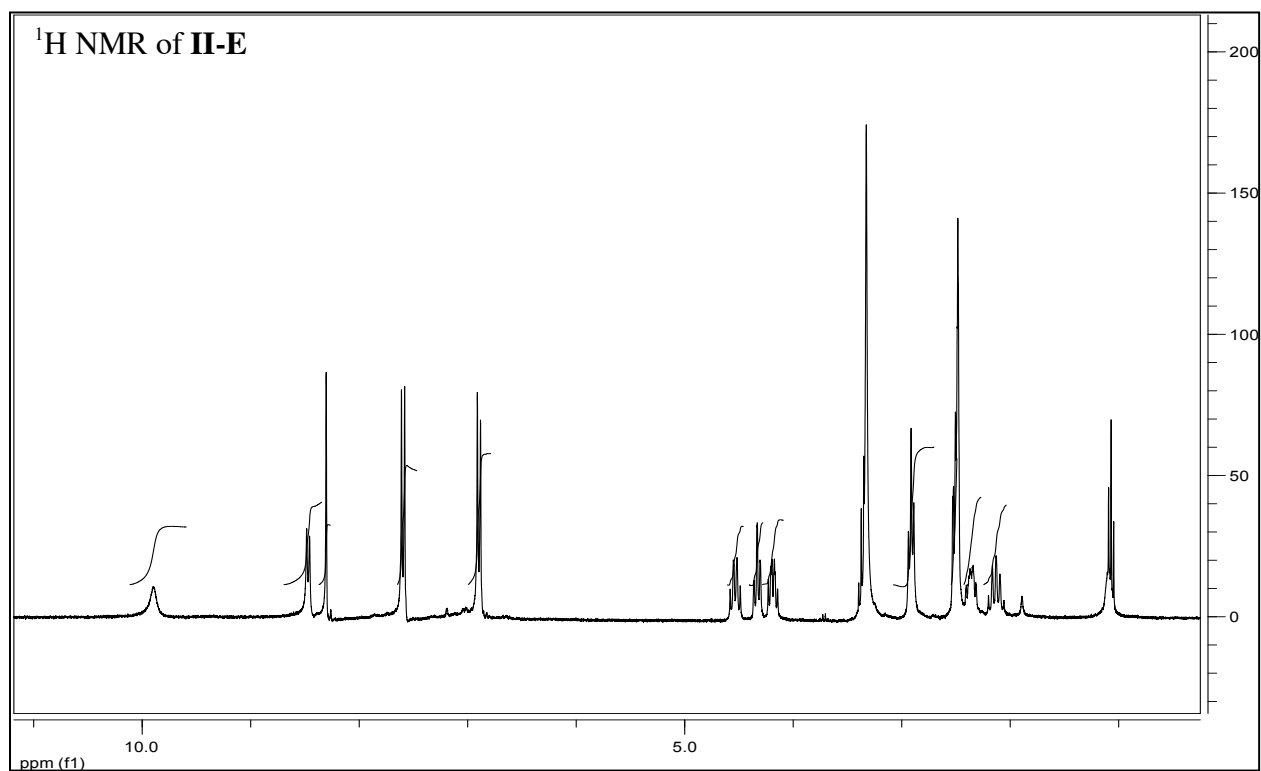
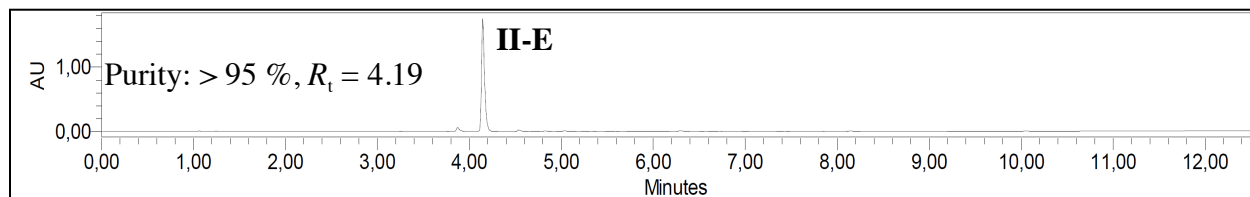


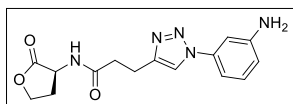
**Triazole II-D.**



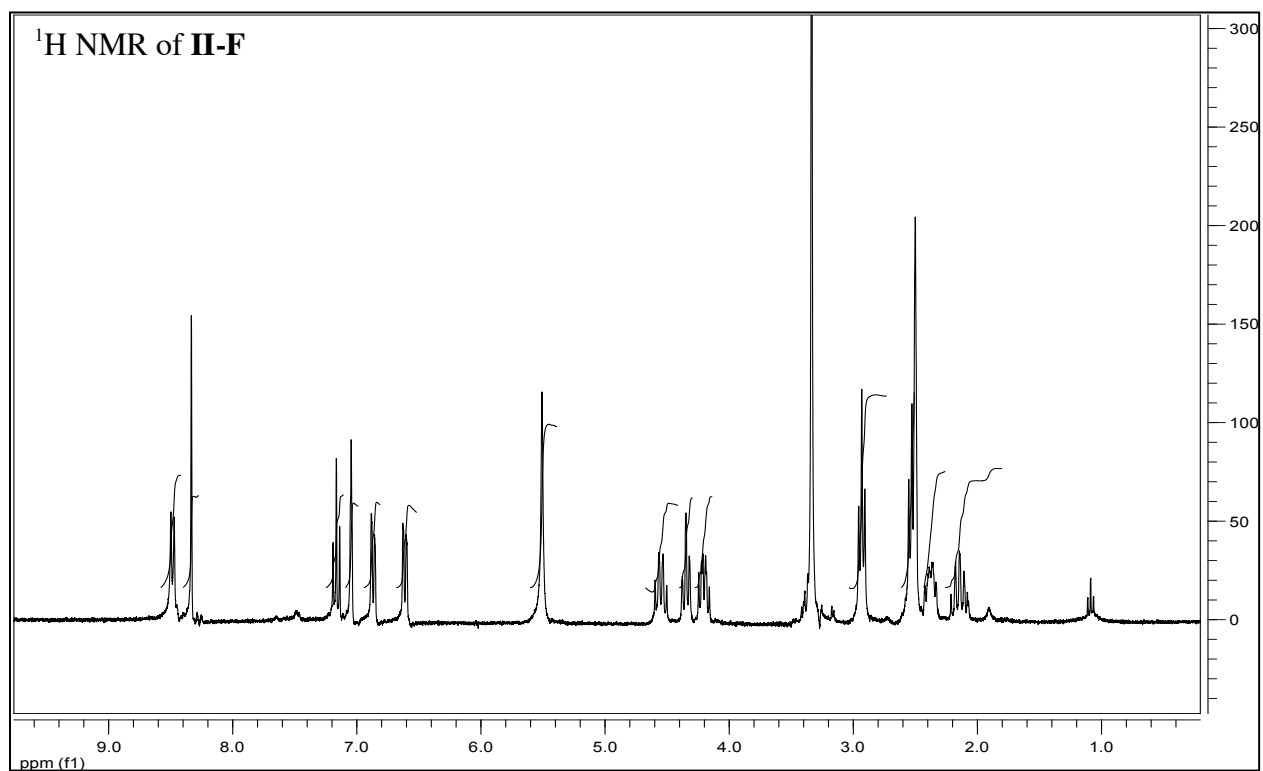
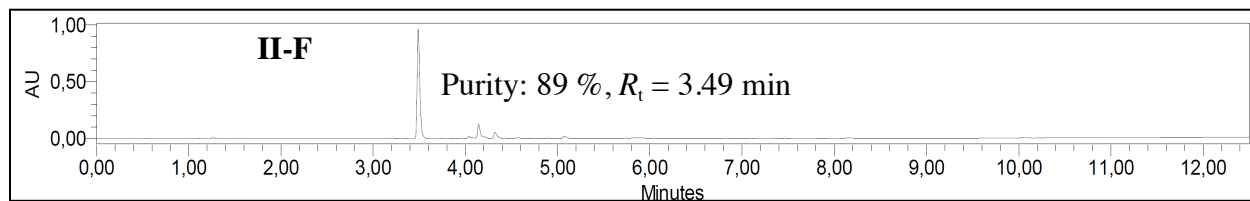


**Triazole II-E.**

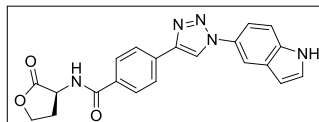




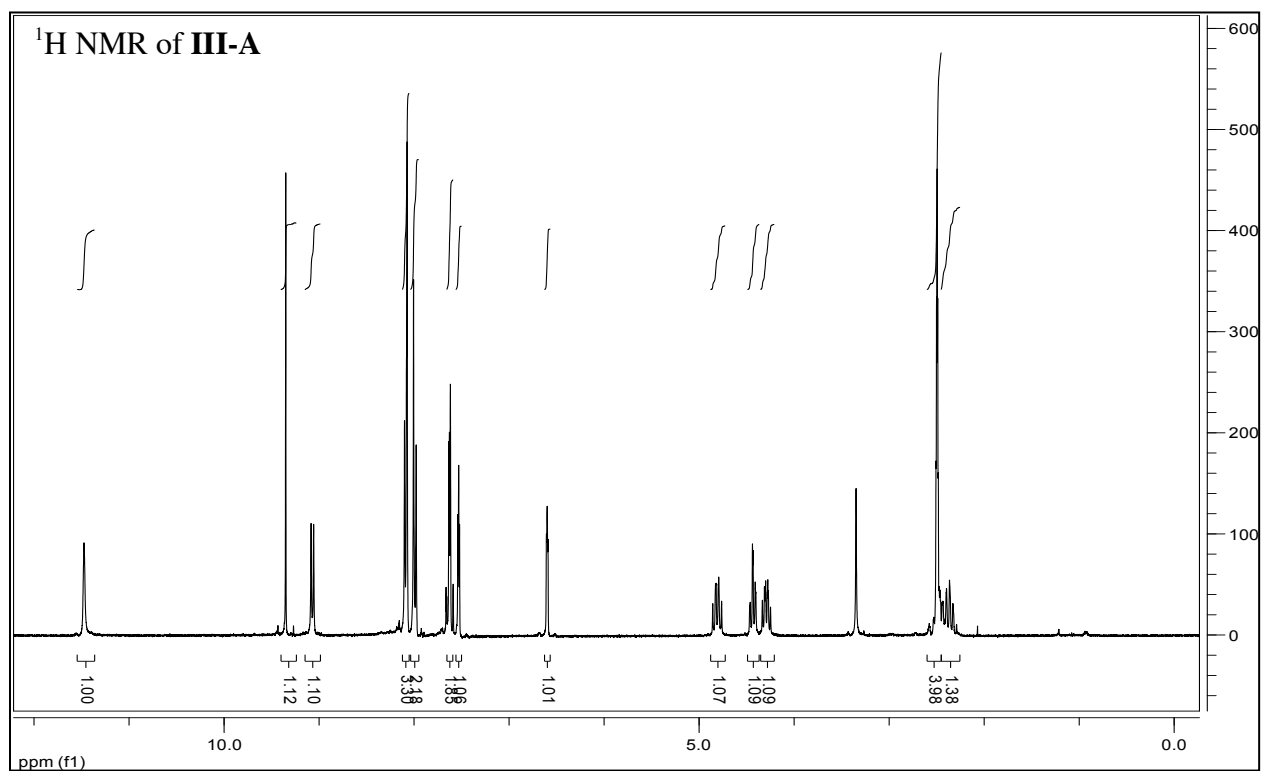
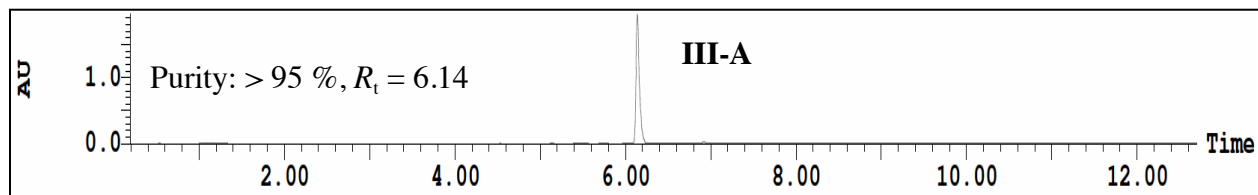
**Triazole II-F.**

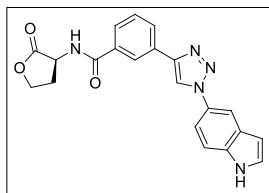




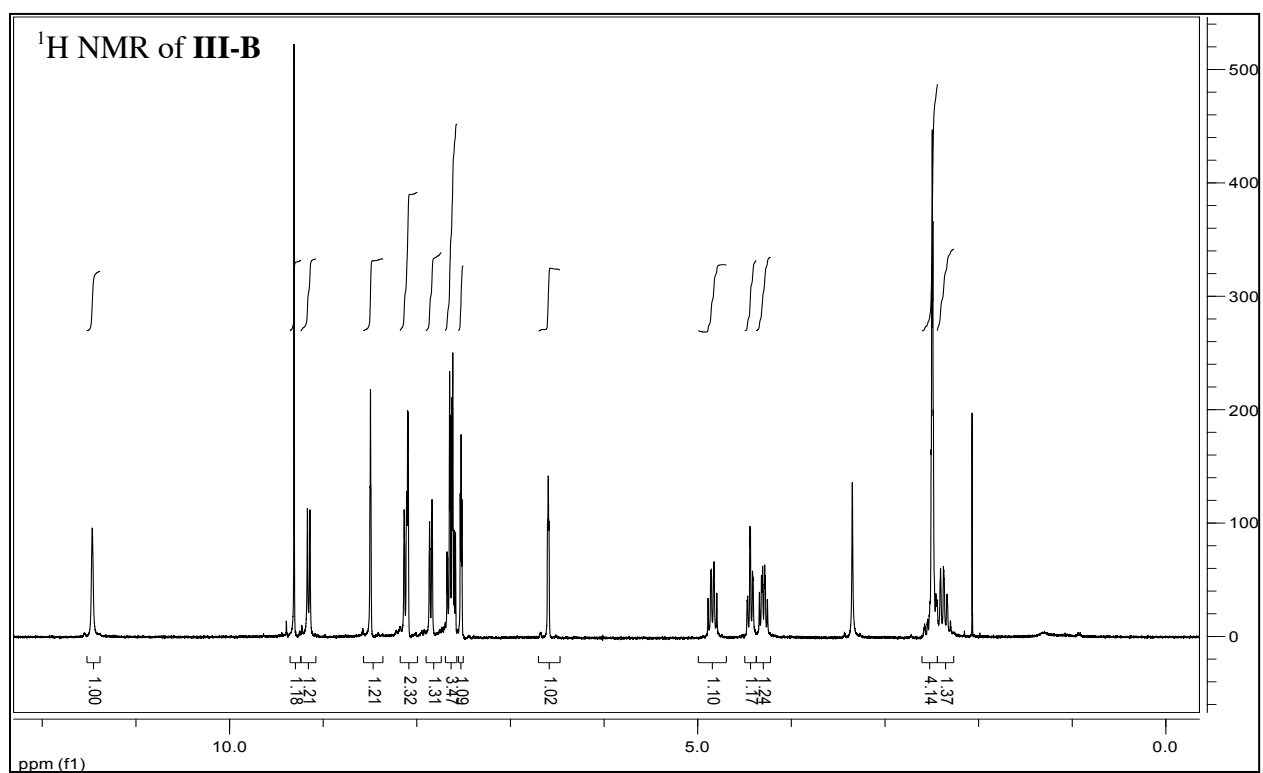
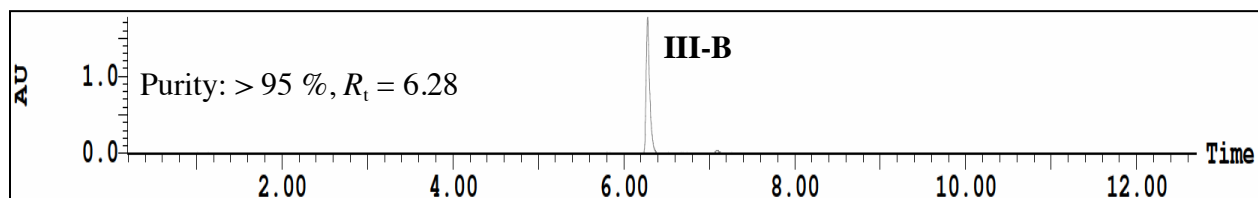


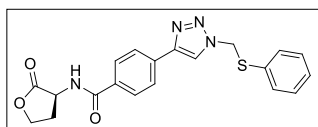
**Triazole III-A.**



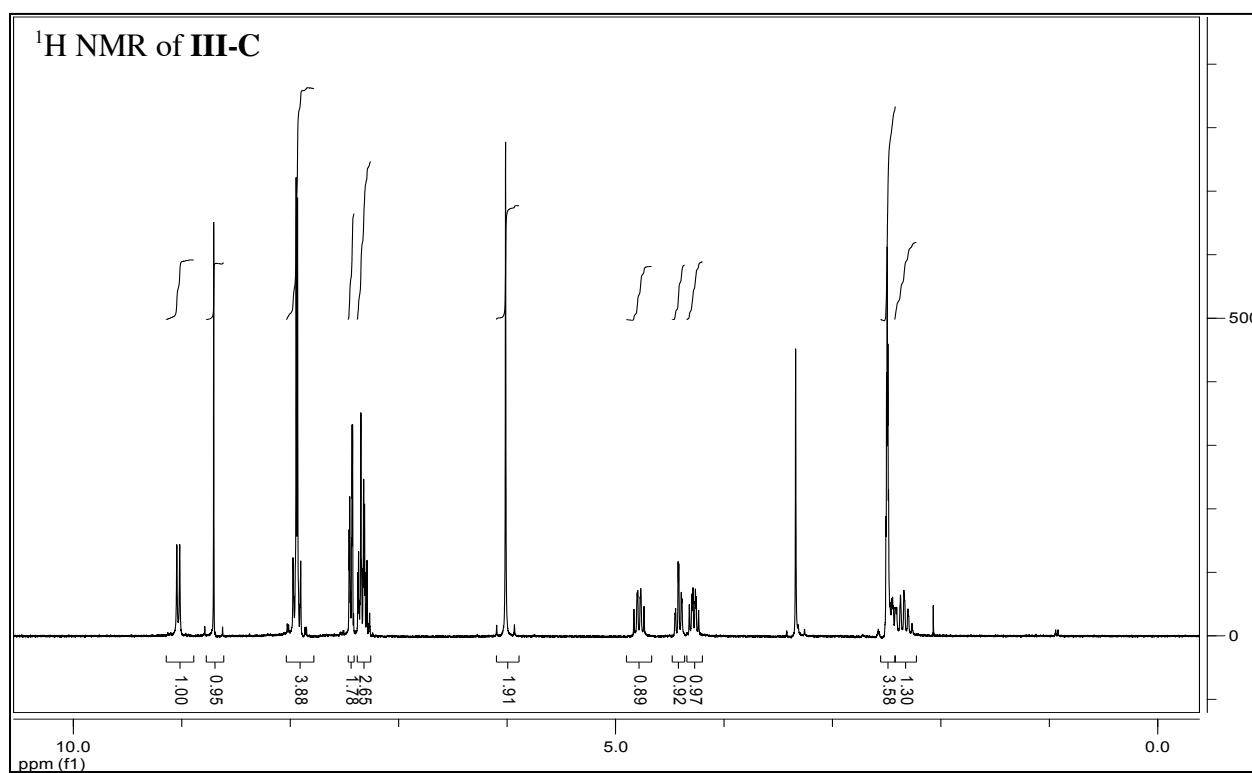
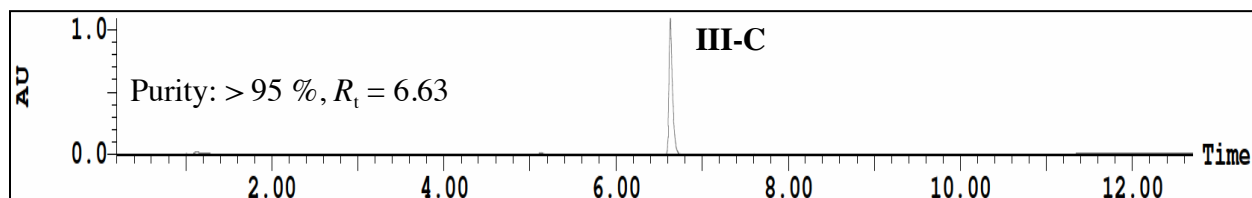


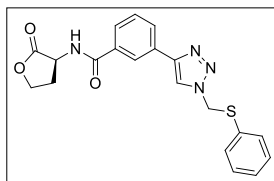
**Triazole III-B.**



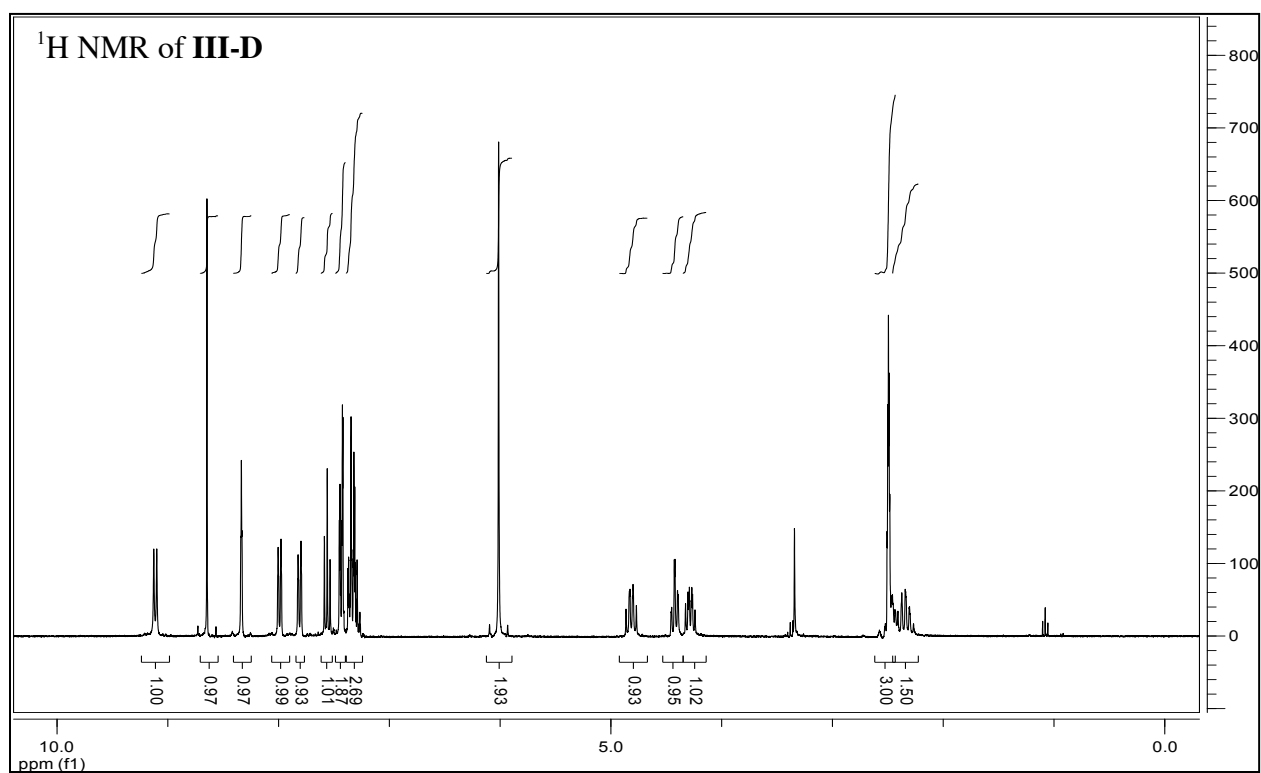
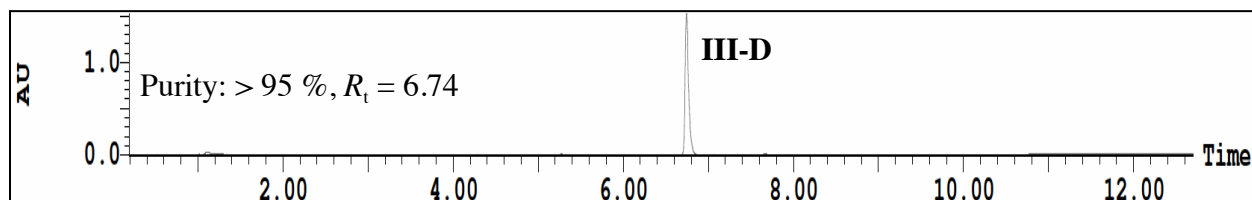


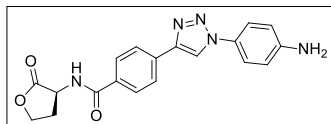
**Triazole III-C.**



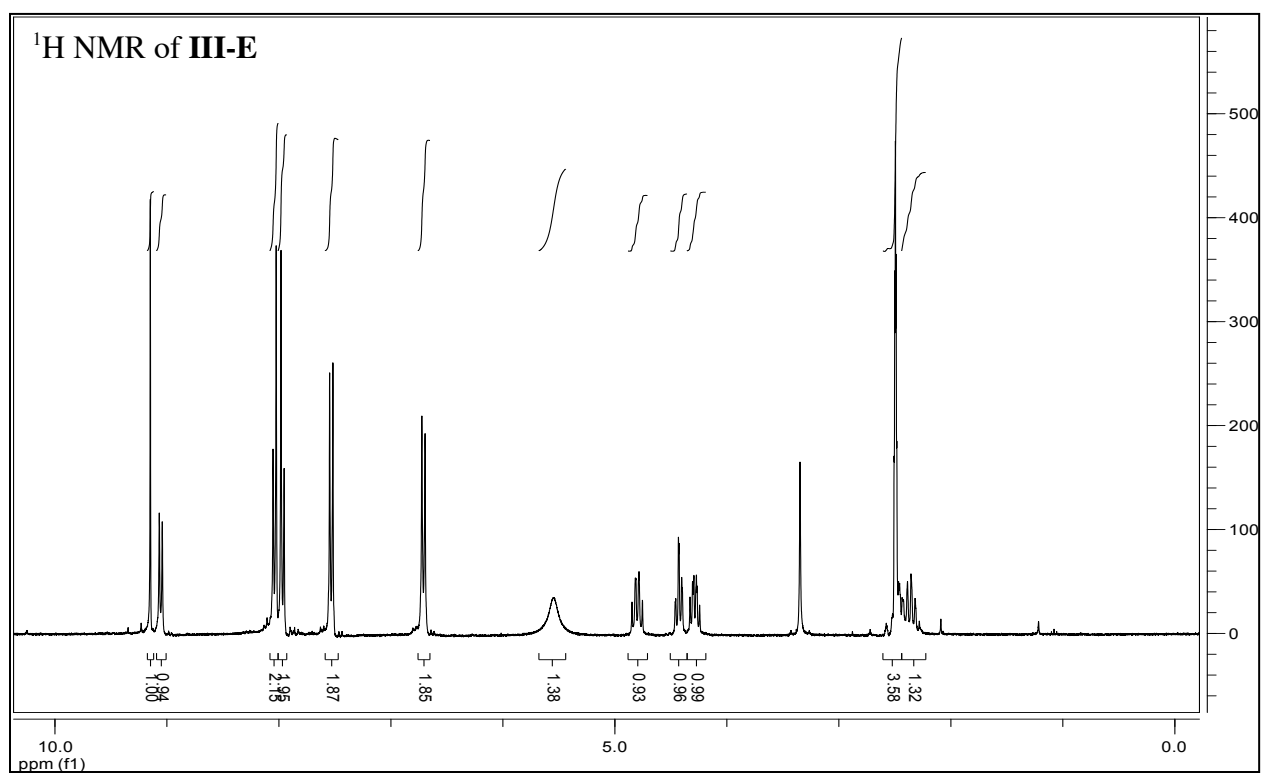
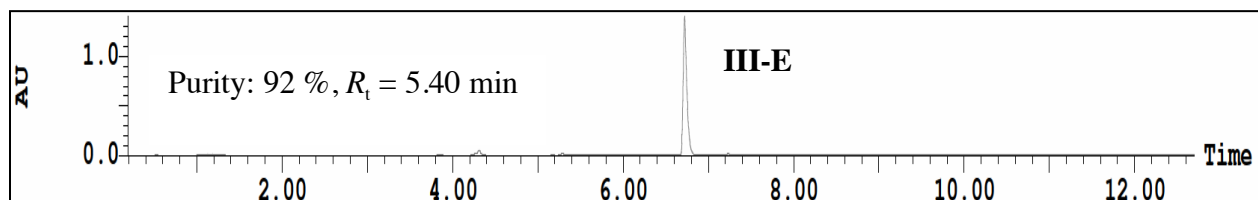


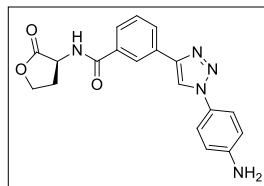
**Triazole III-D.**



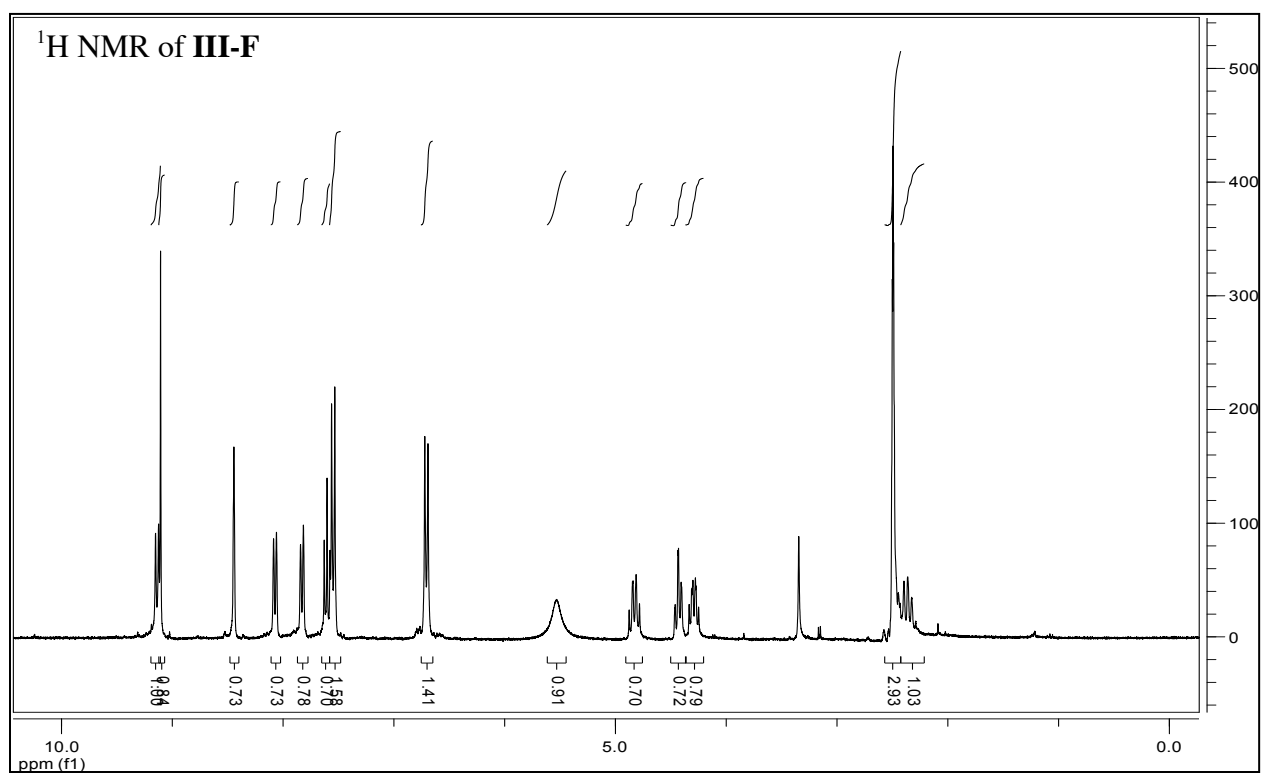
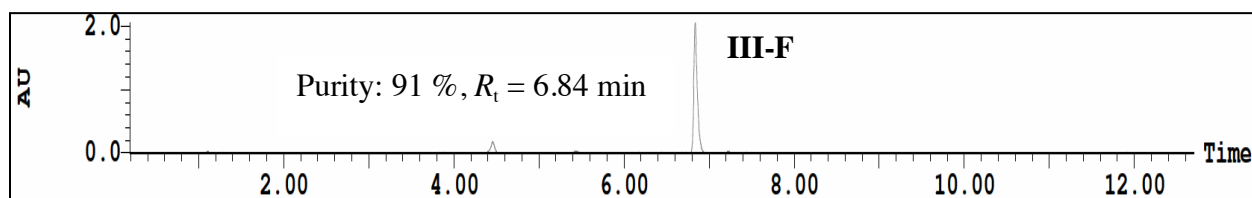


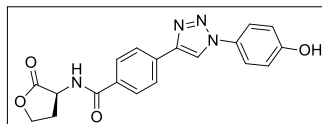
**Triazole III-E.**



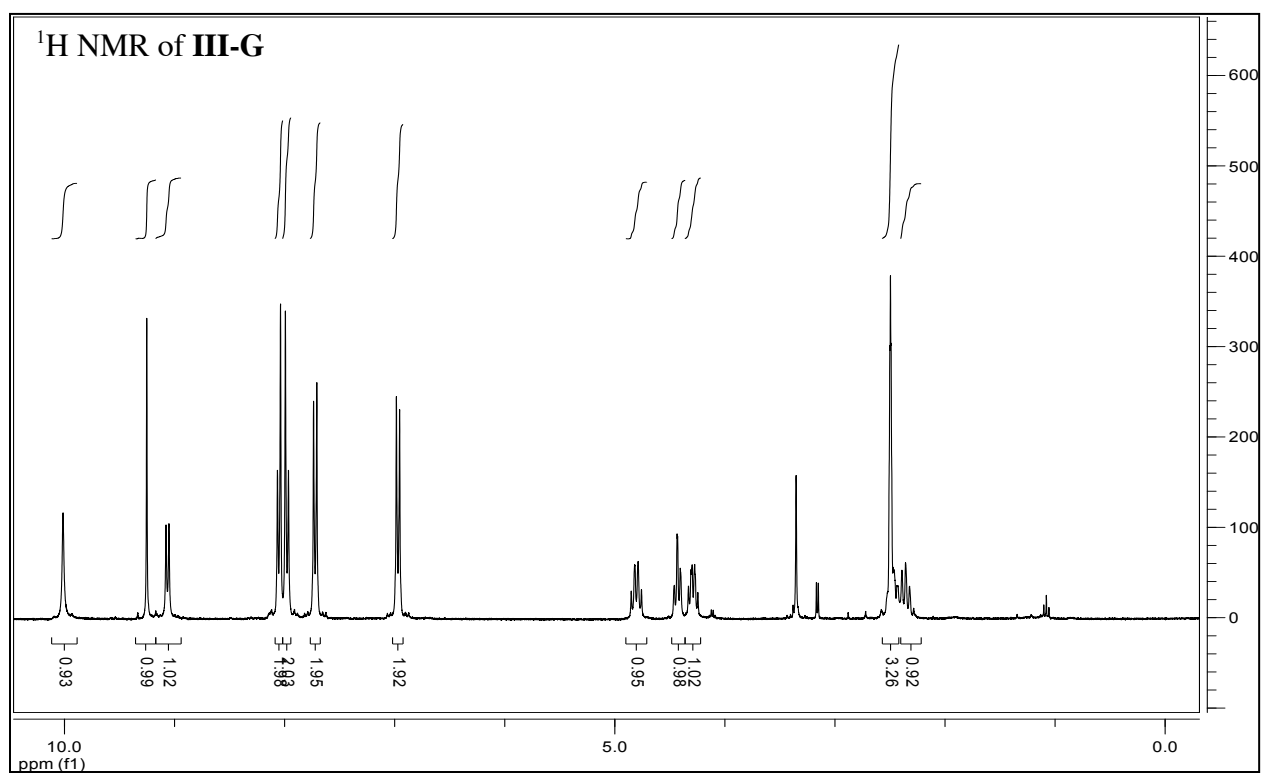
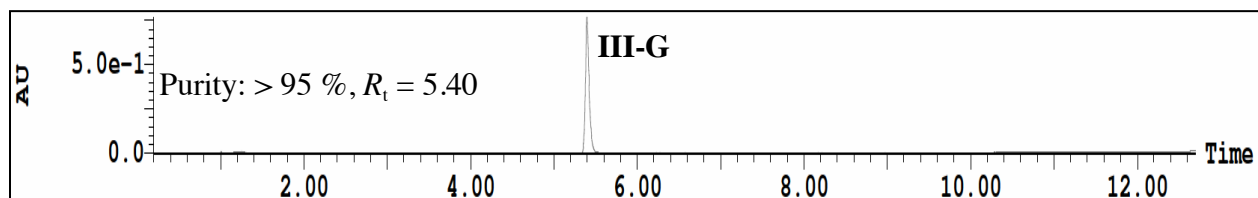


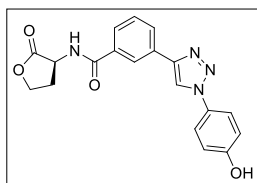
**Triazole III-F.**



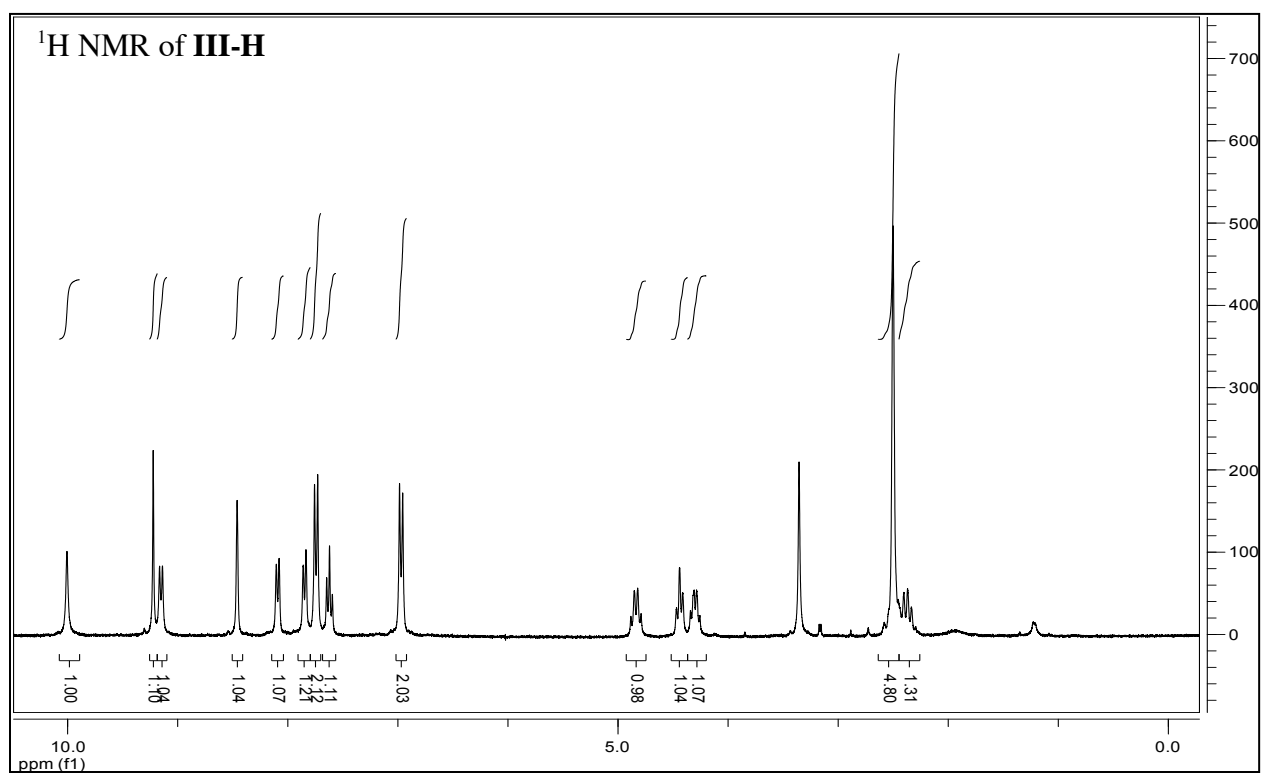
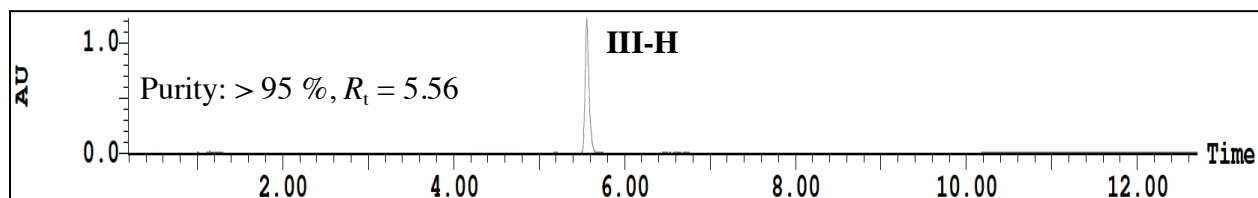


**Triazole III-G.**

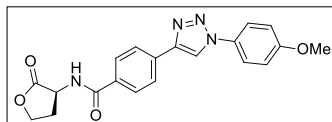




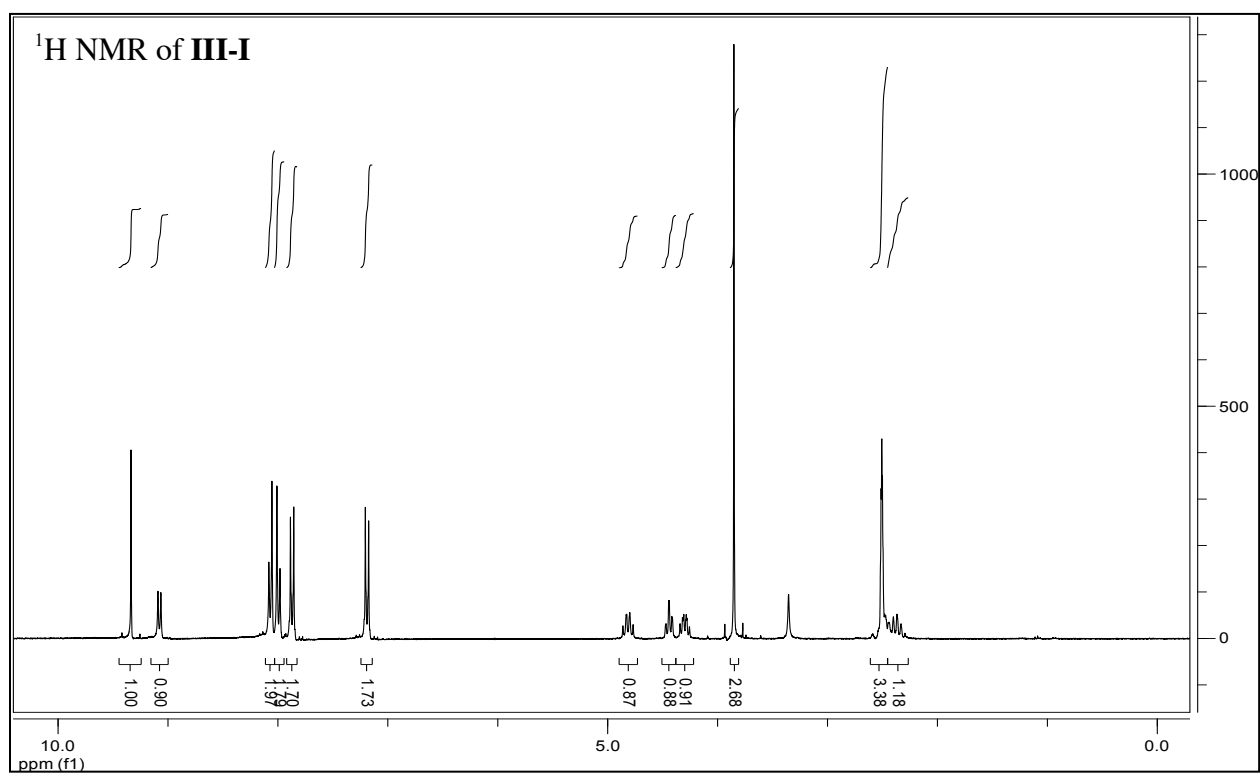
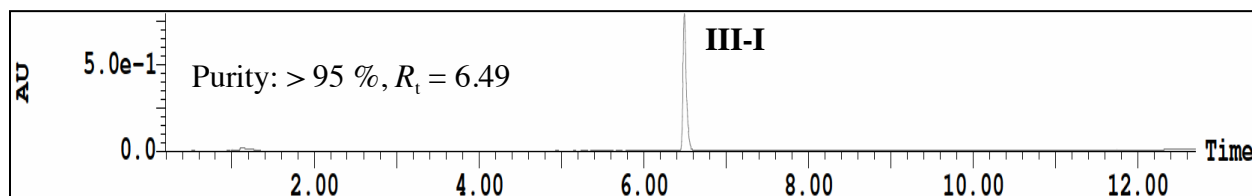
**Triazole III-H.**

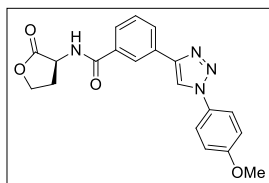




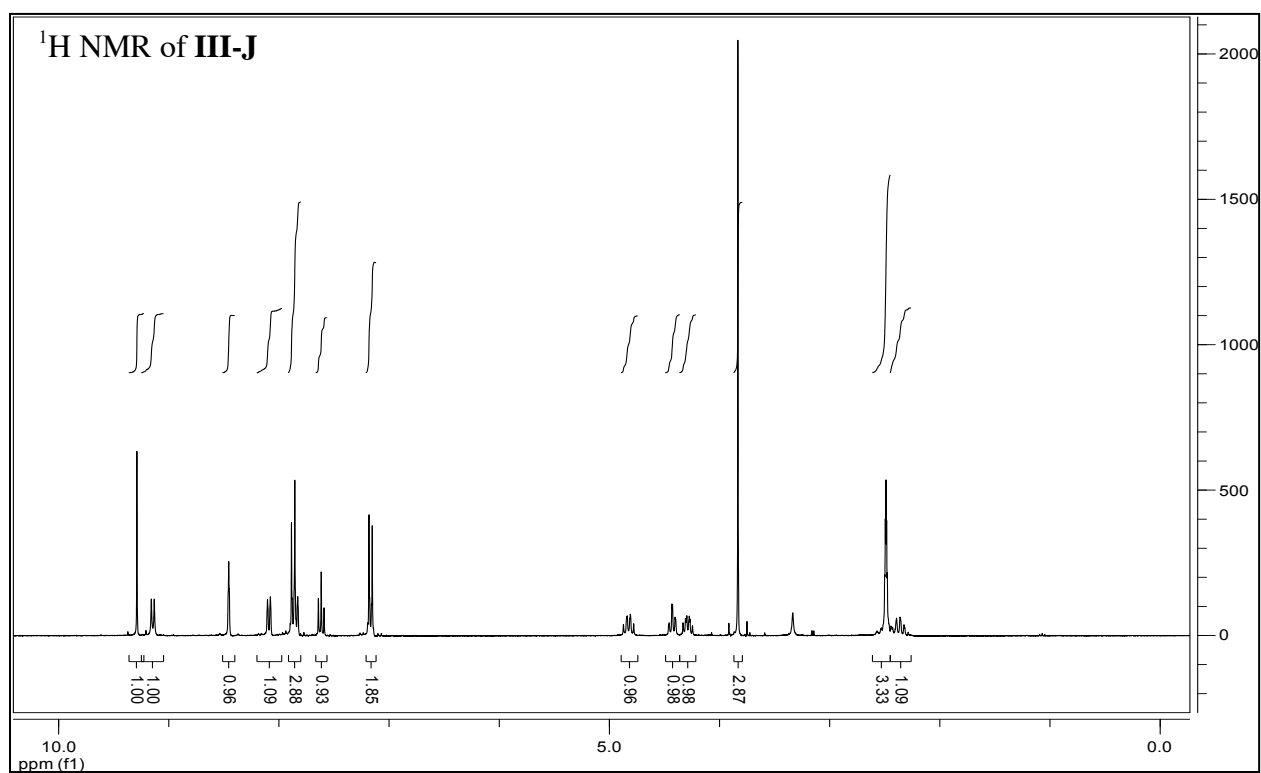
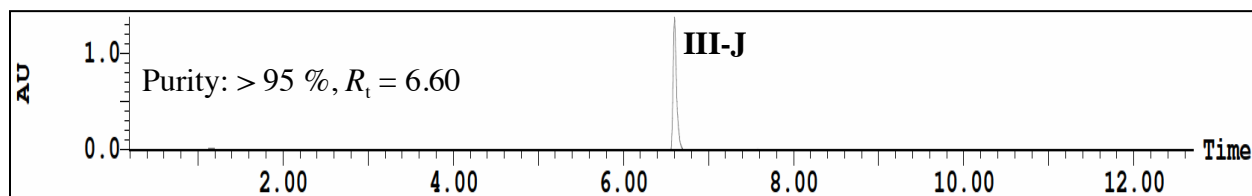


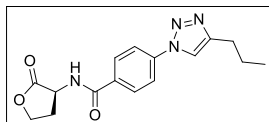
**Triazole III-I.**



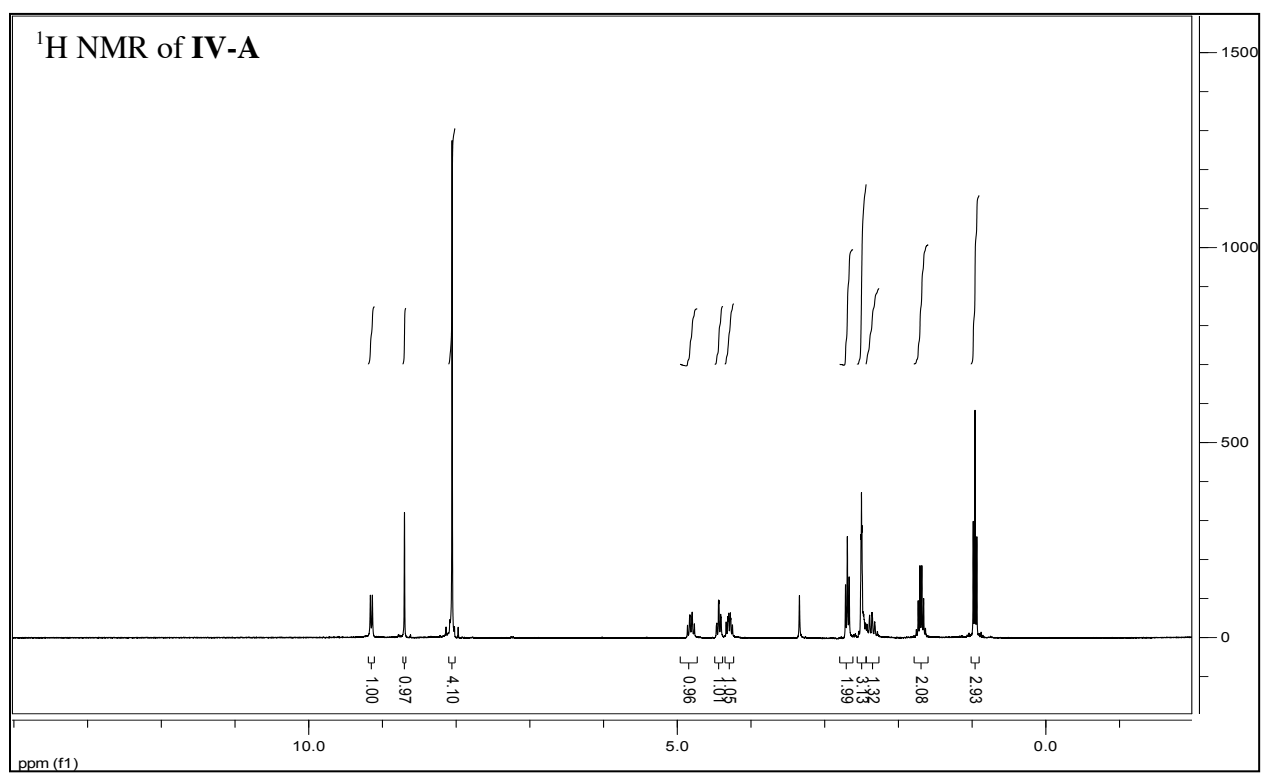
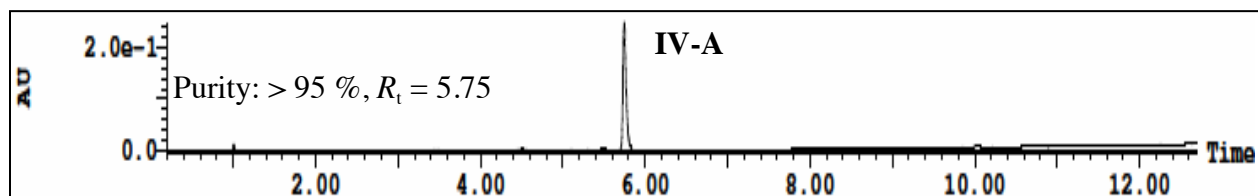


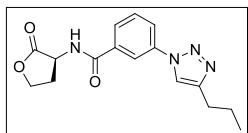
Triazole III-J.



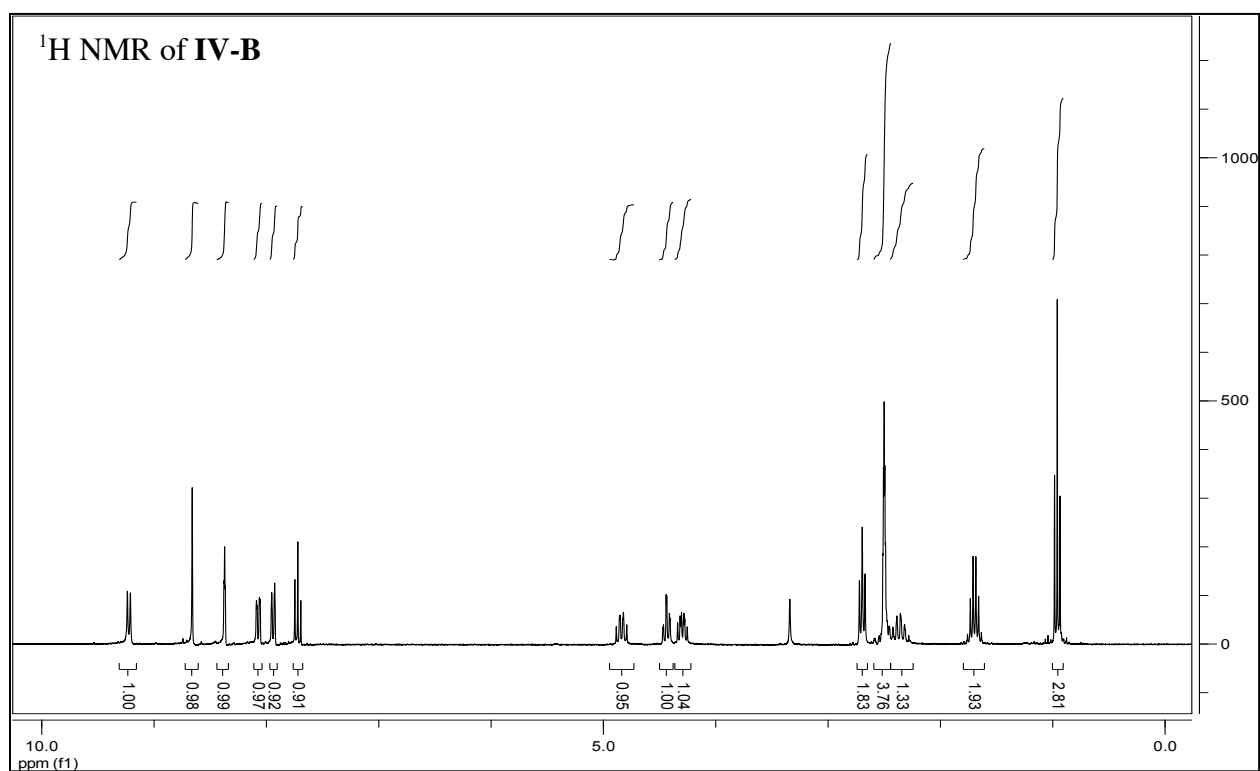
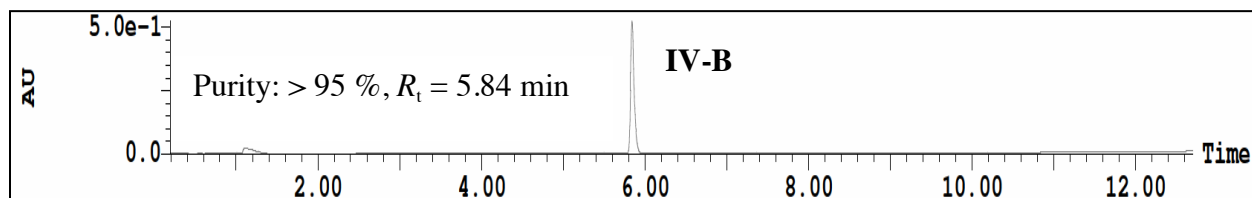


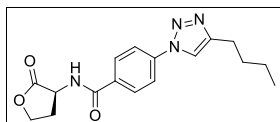
**Triazole IV-A.**



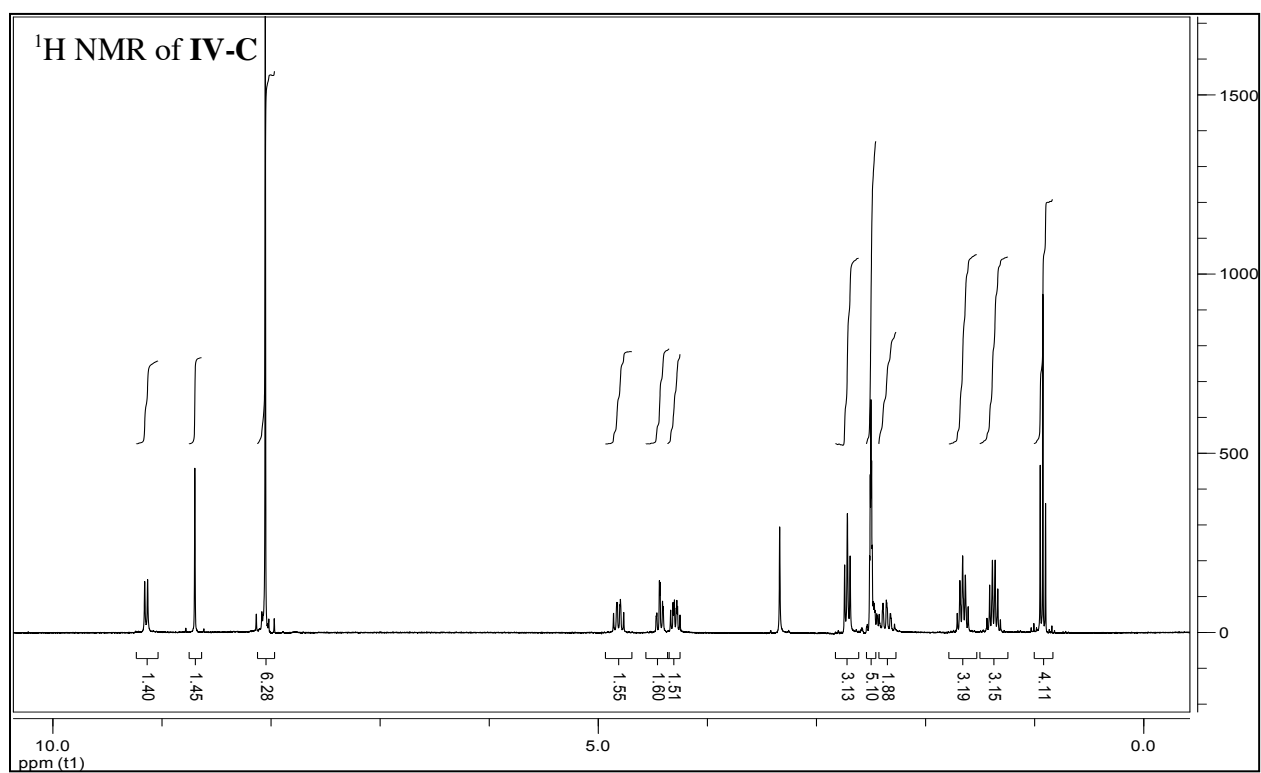
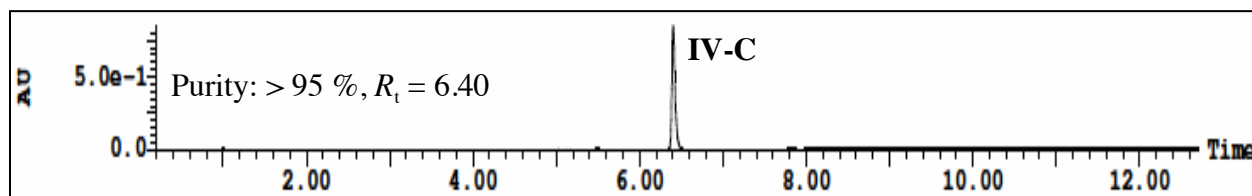


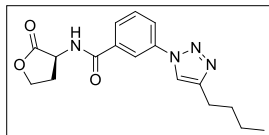
**Triazole IV-B**



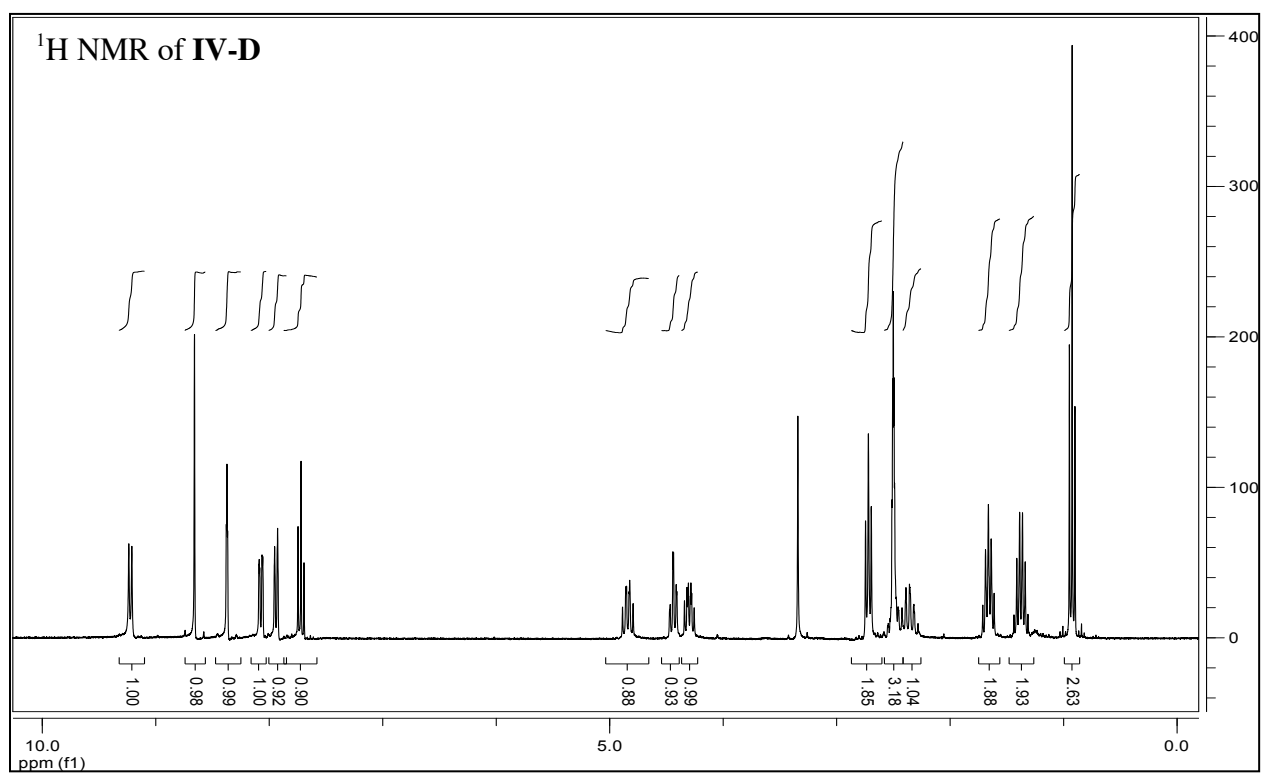
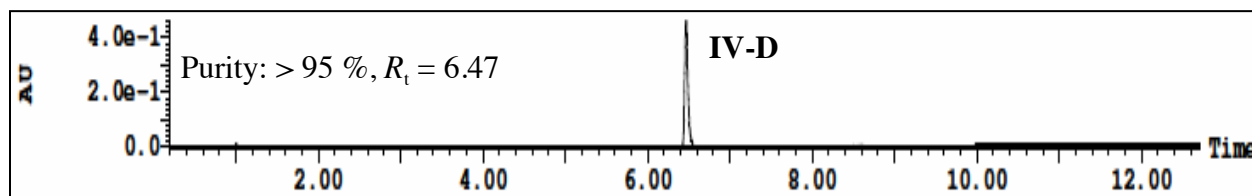


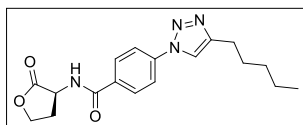
**Triazole IV-C.**



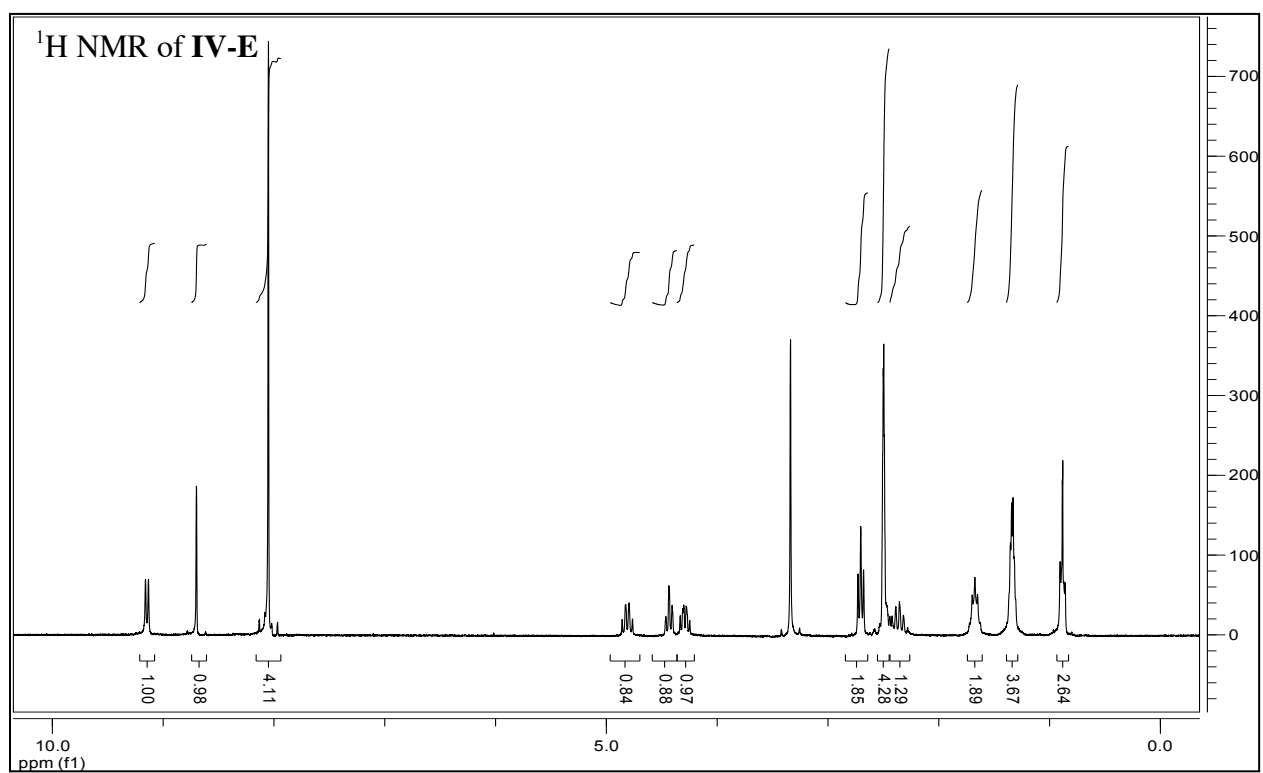
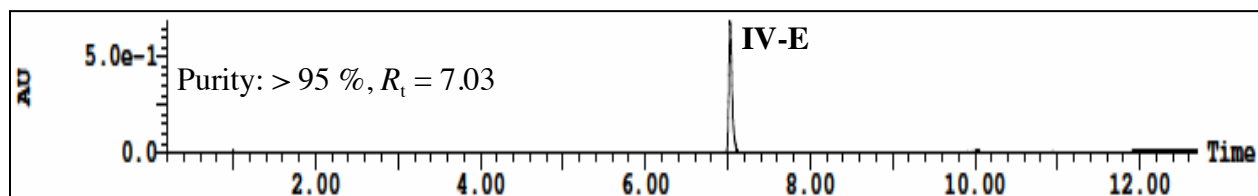


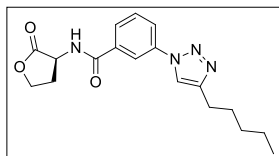
**Triazole IV-D.**



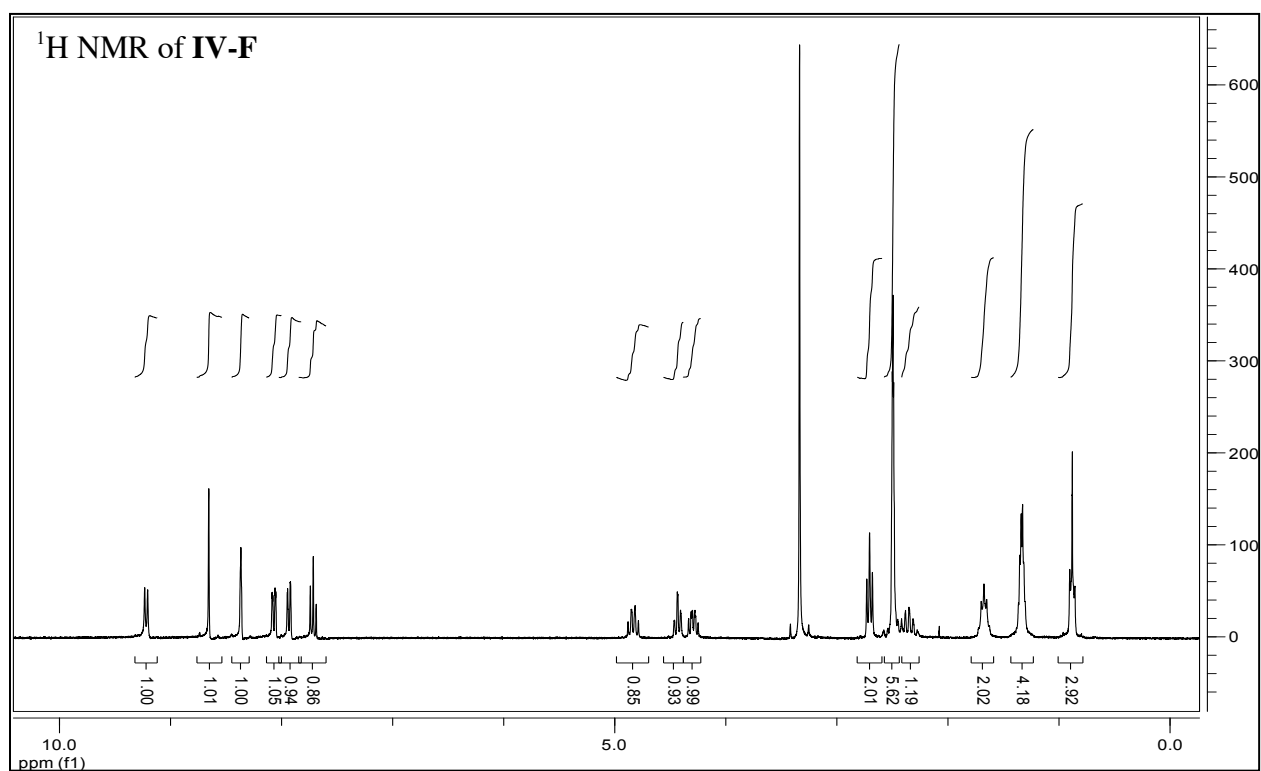
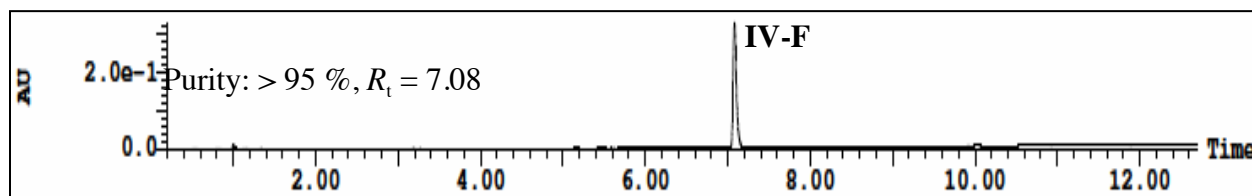


**Triazole IV-E.**

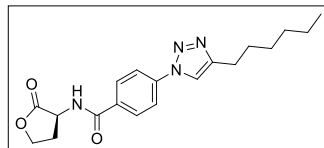




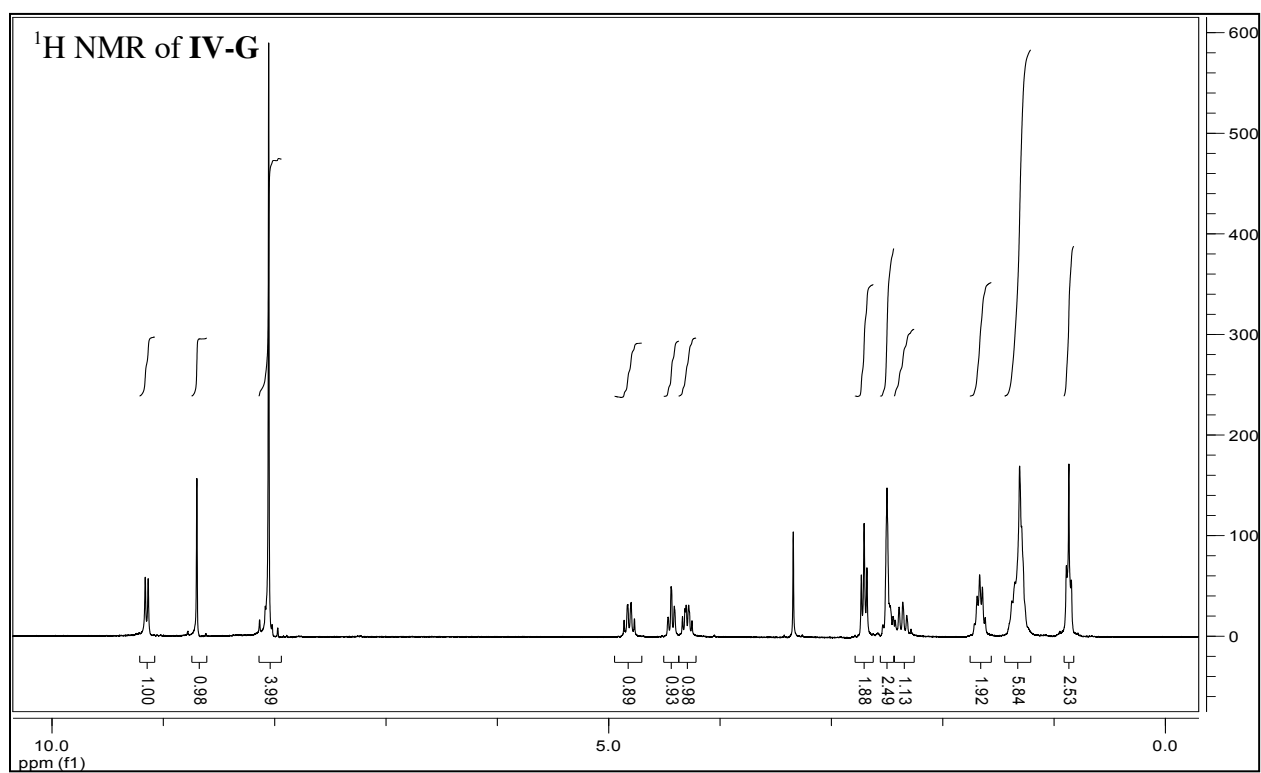
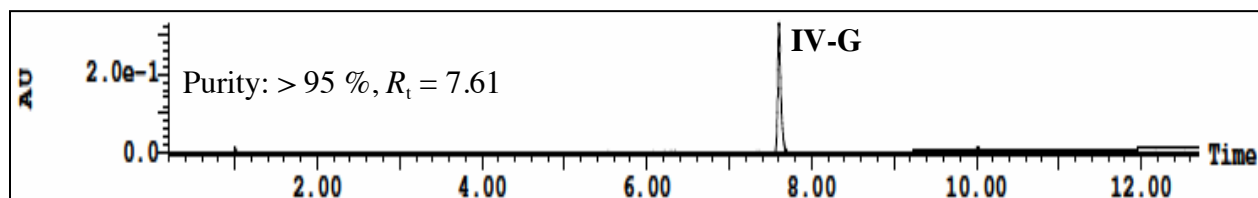
**Triazole IV-F.**

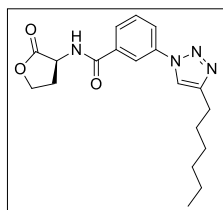




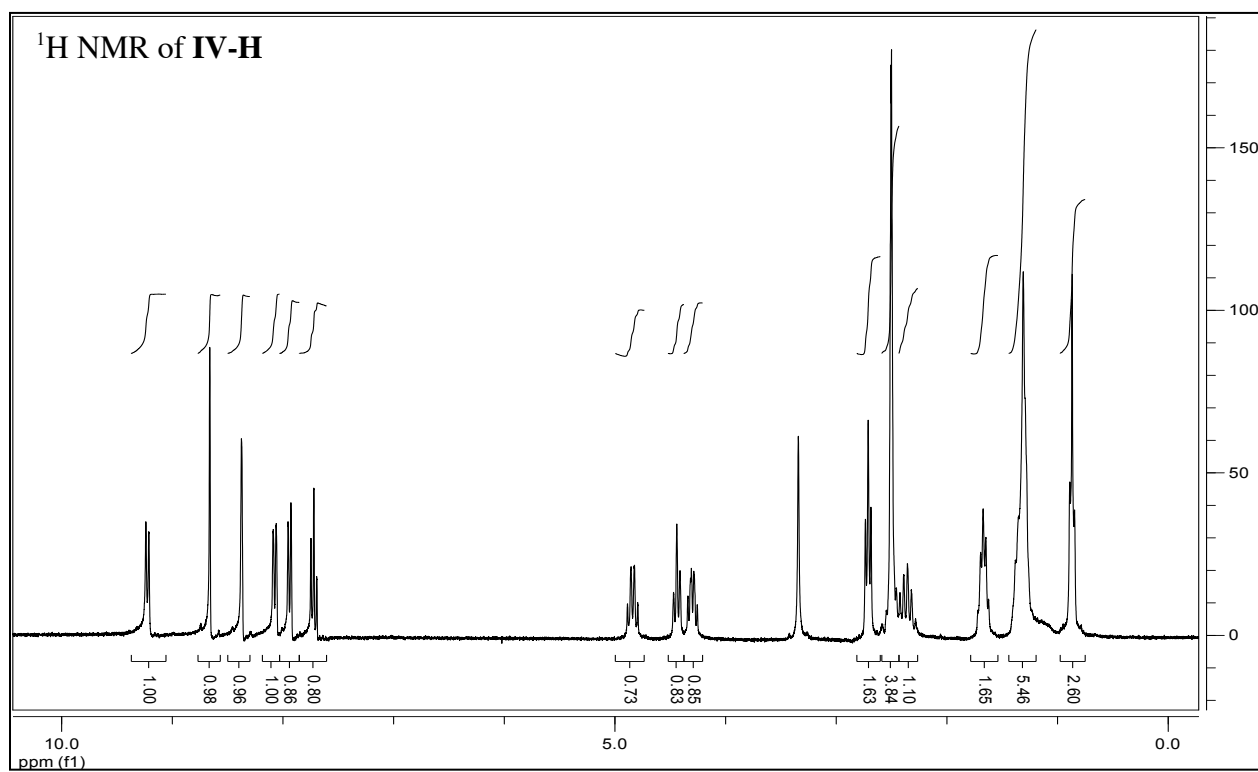
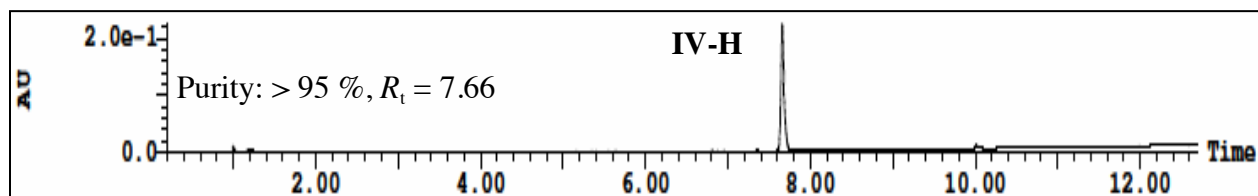


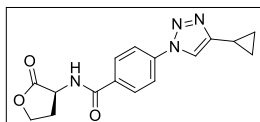
**Triazole IV-G.**



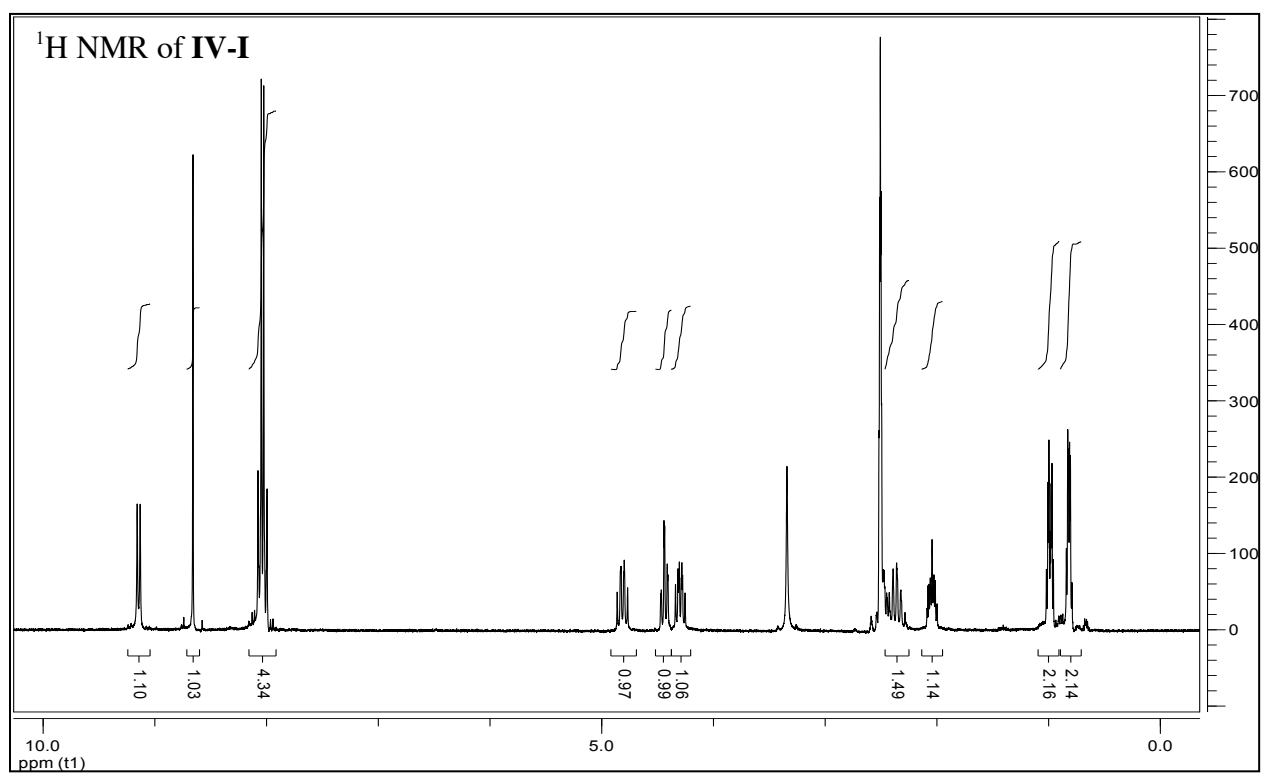
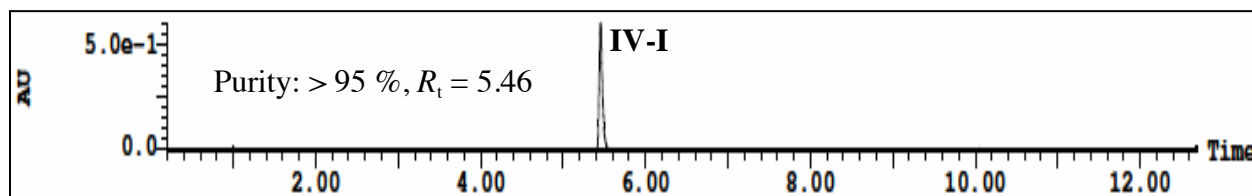


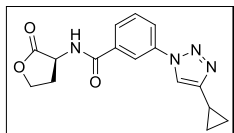
**Triazole IV-H.**



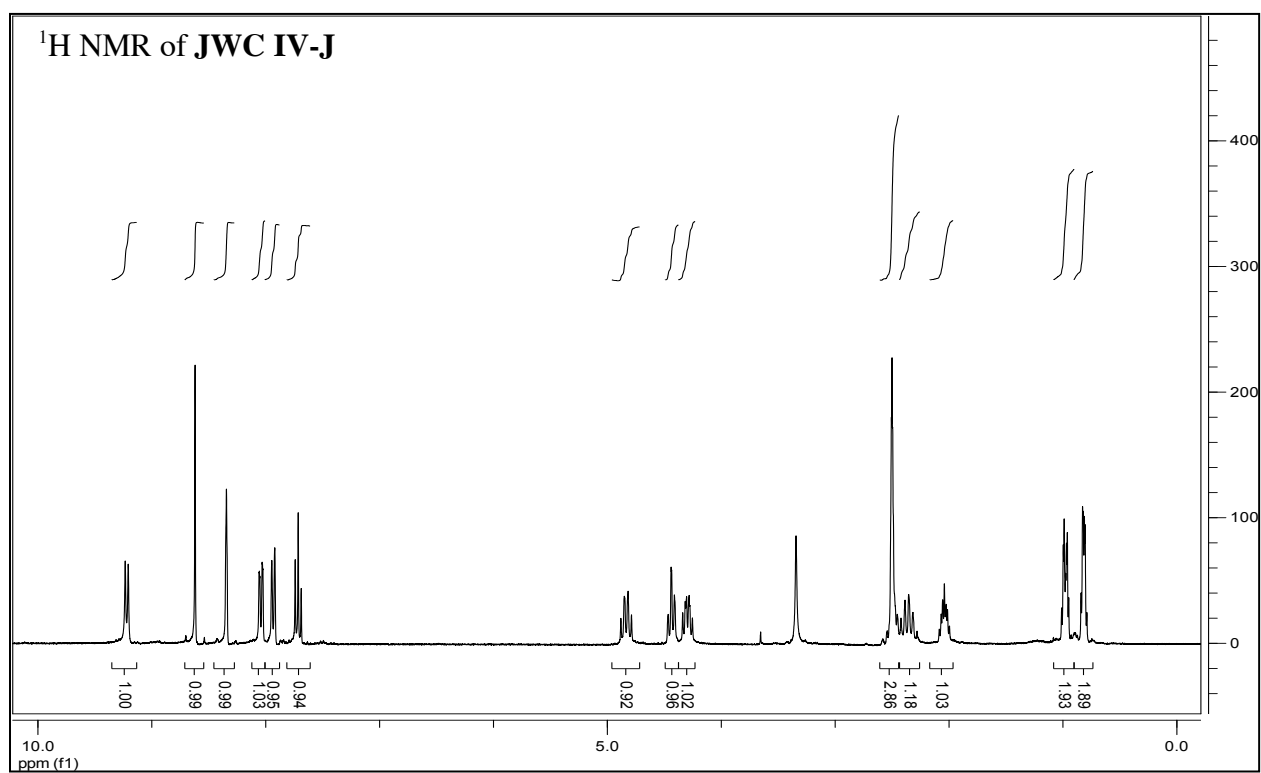
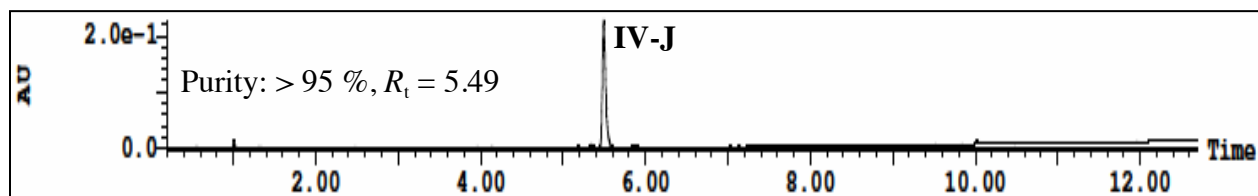


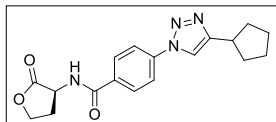
**Triazole IV-I.**



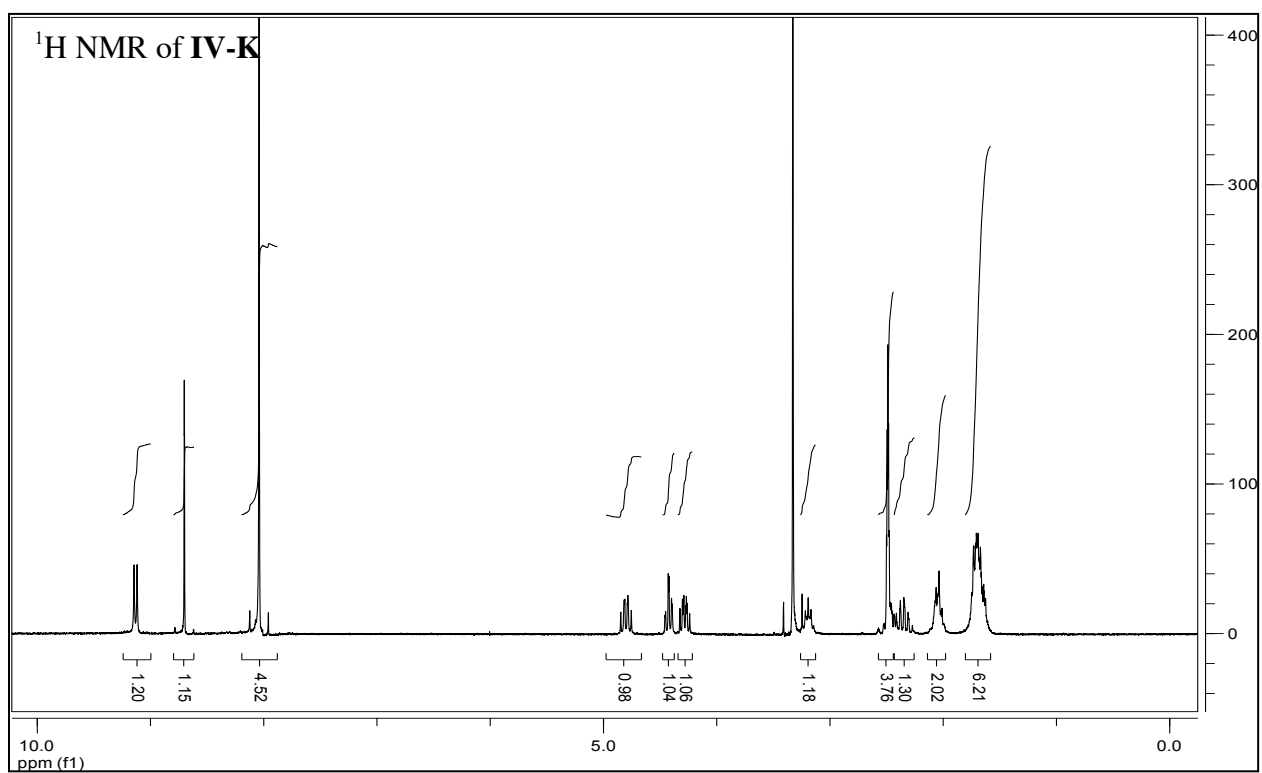
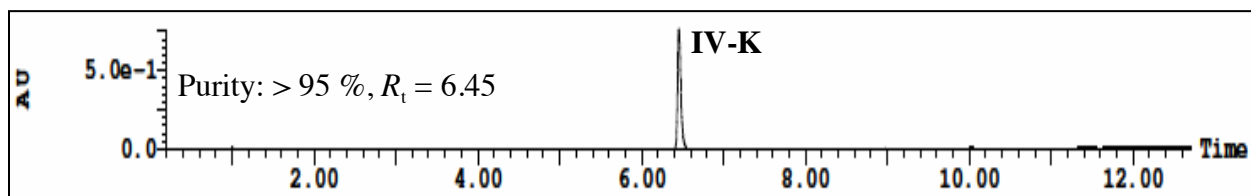


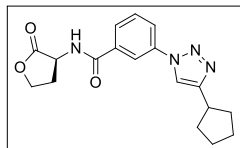
**Triazole IV-J.**



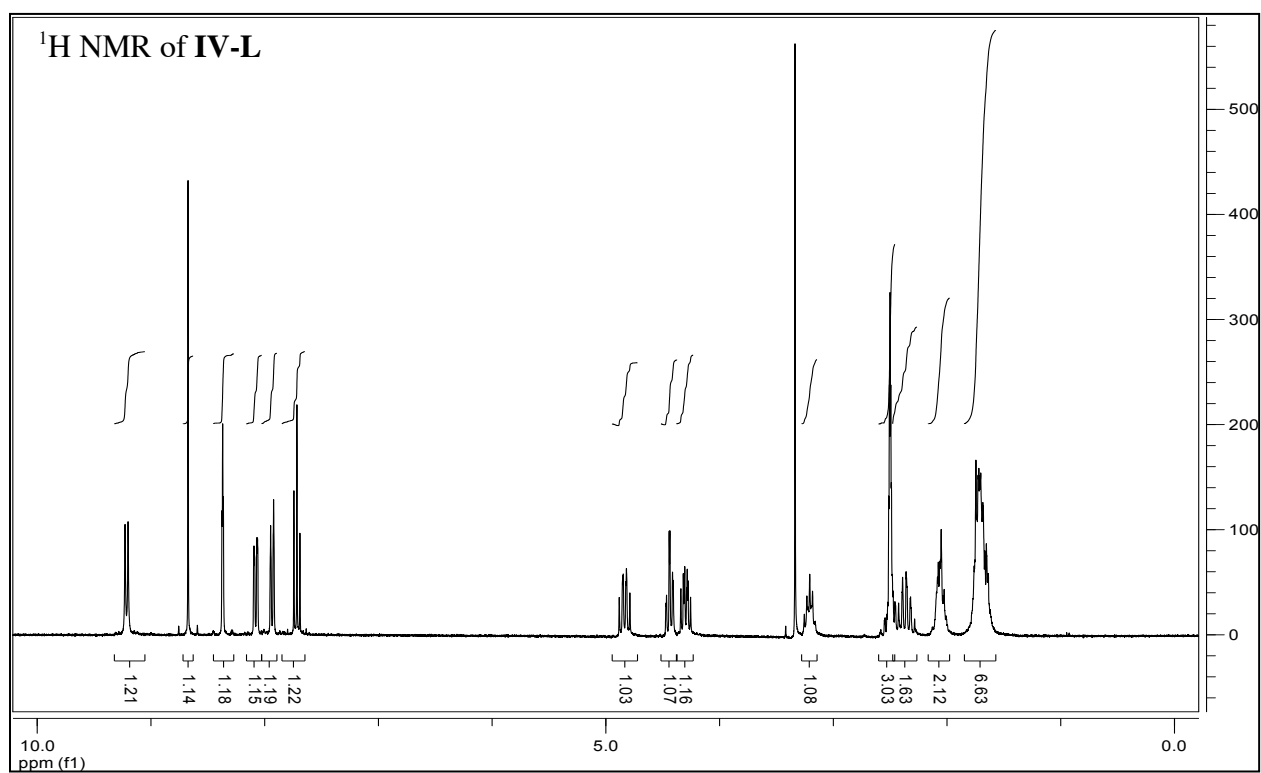
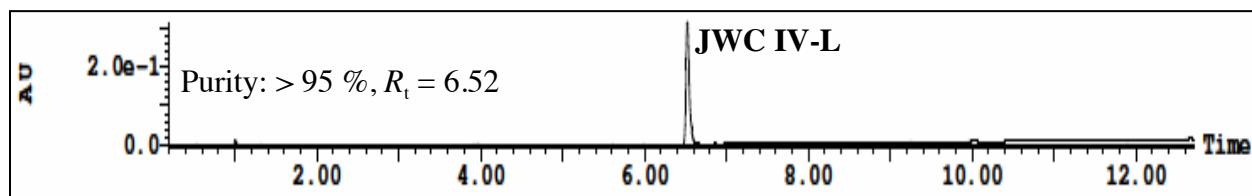


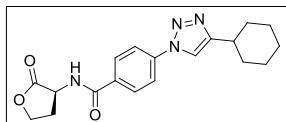
**Triazole IV-K.**



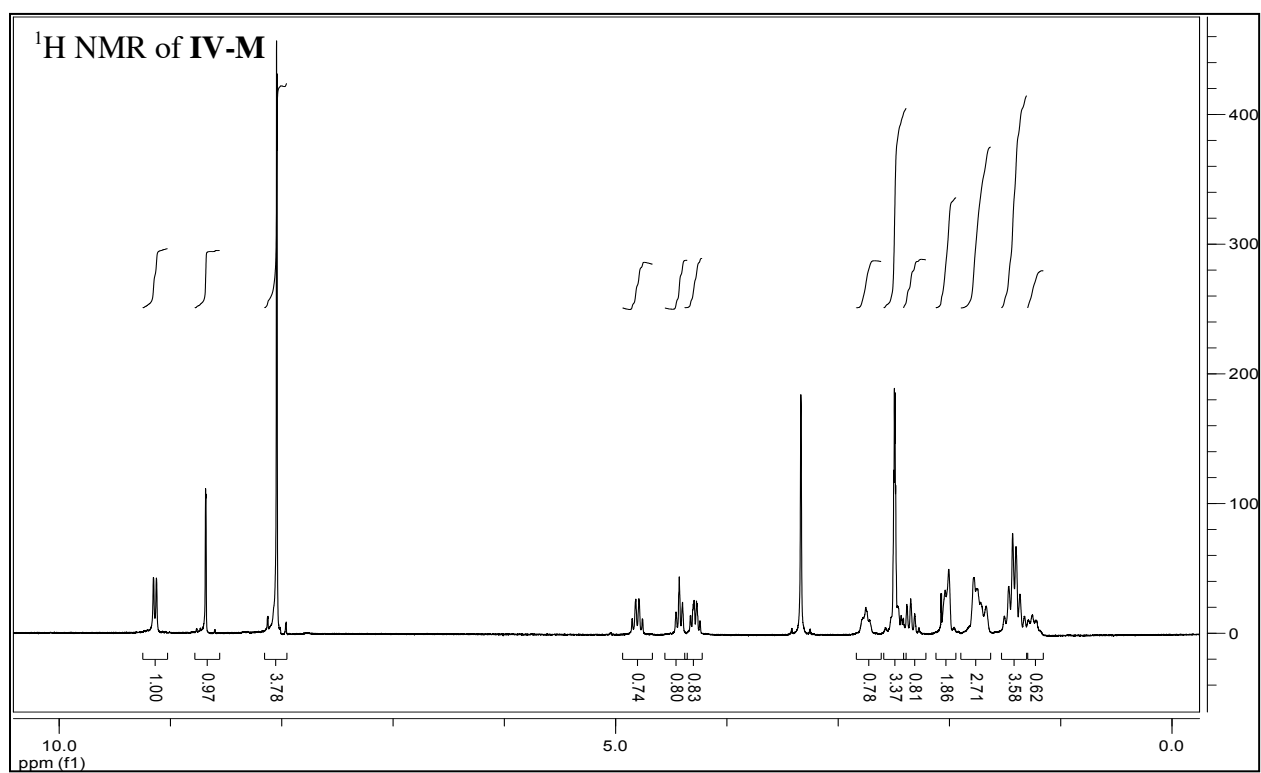
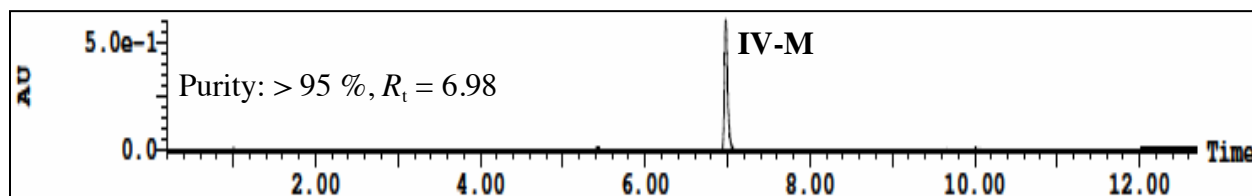


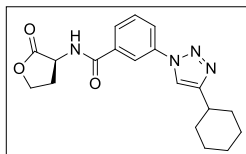
Triazole IV-L.



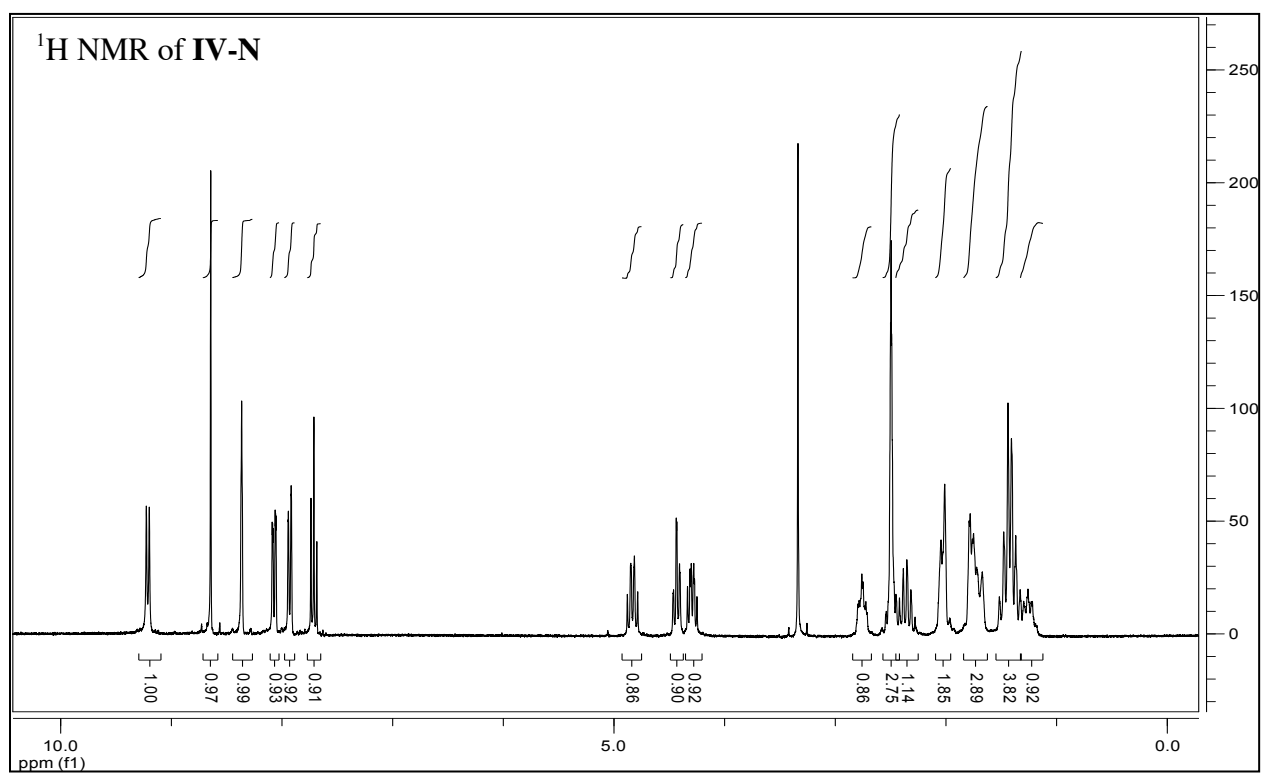
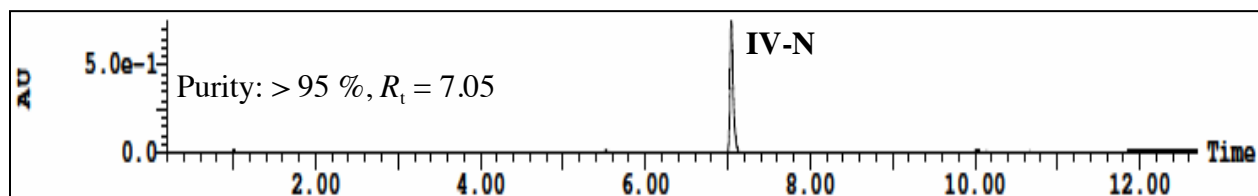


**Triazole IV-M.**

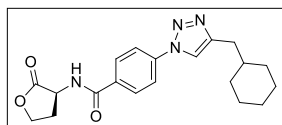




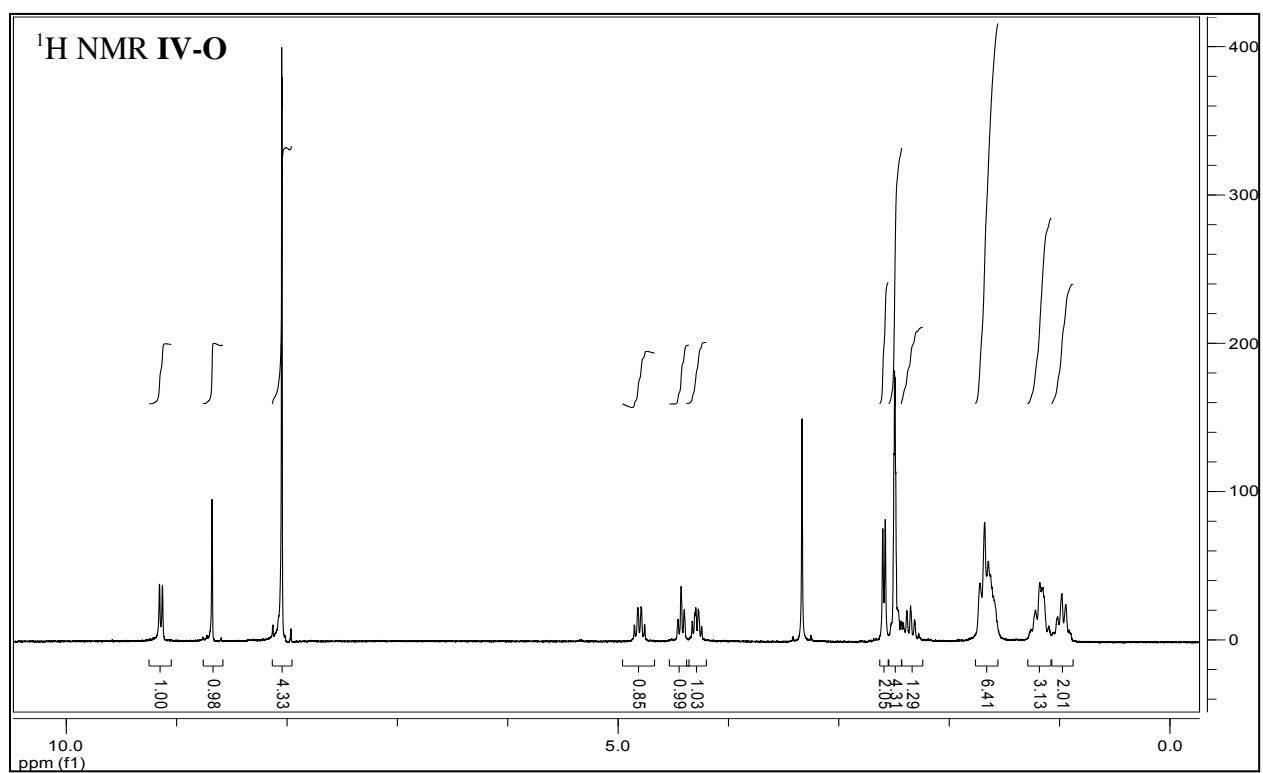
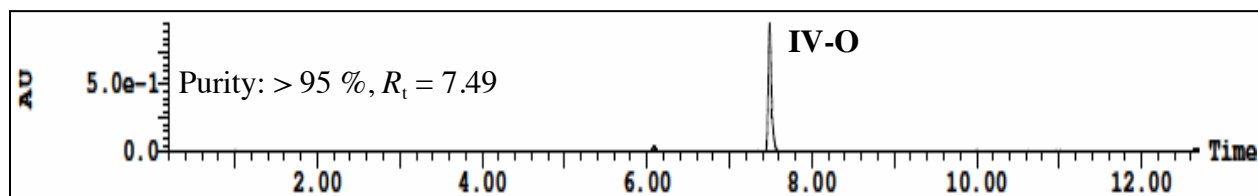
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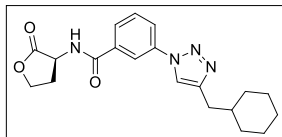




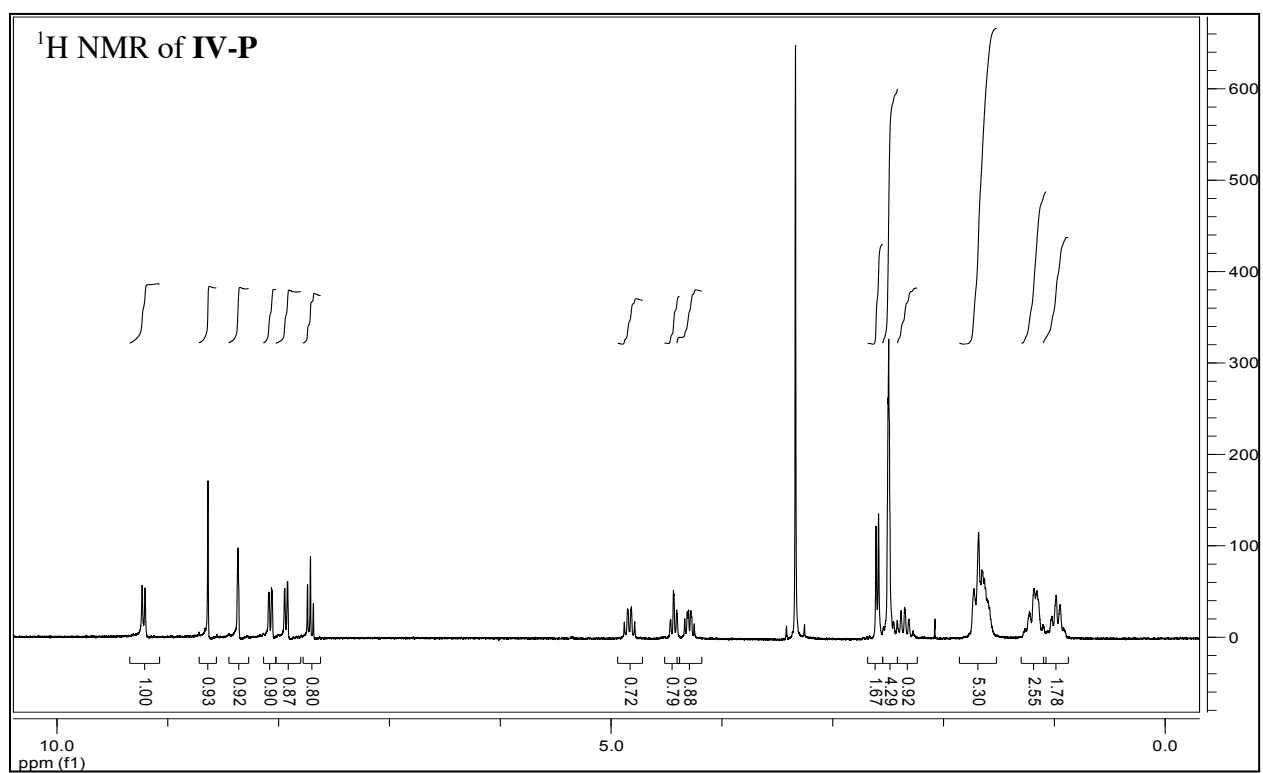
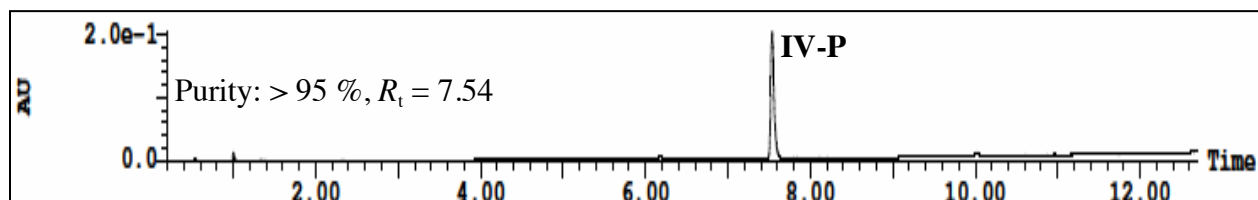


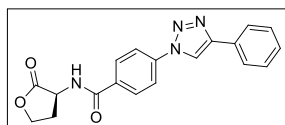
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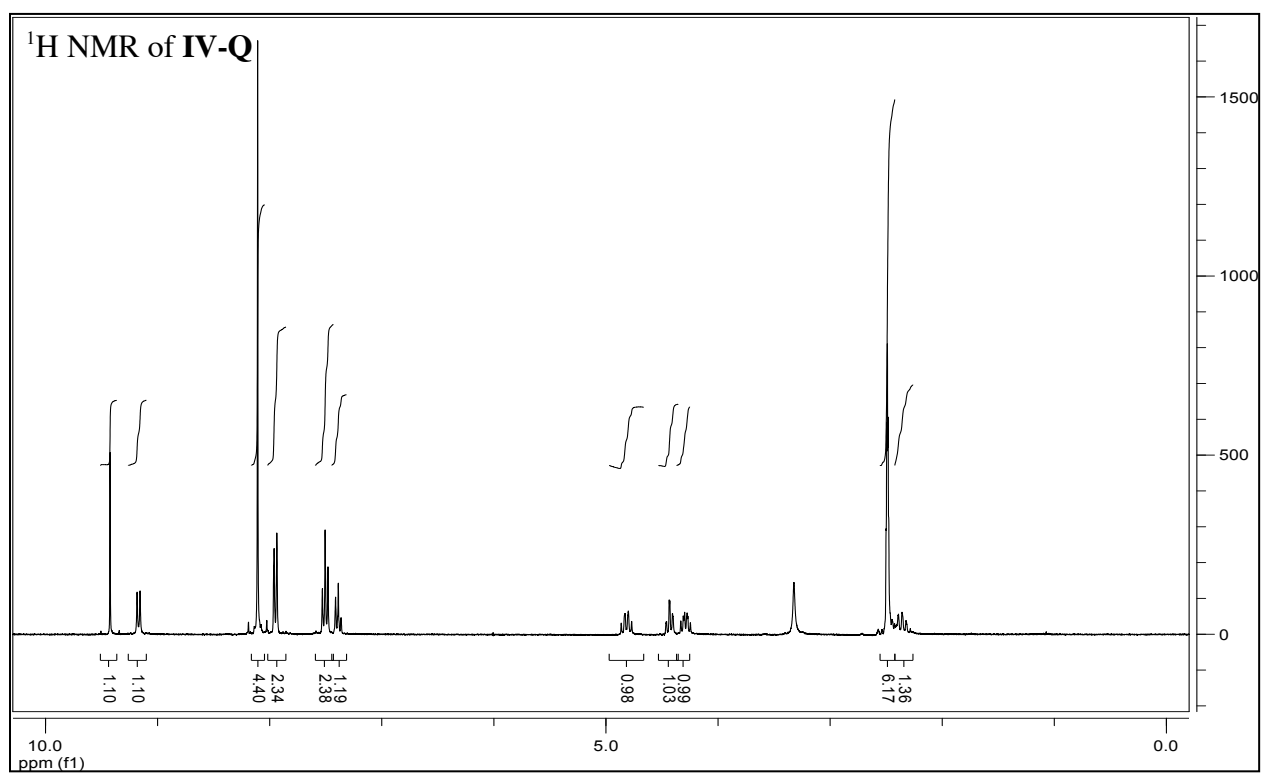
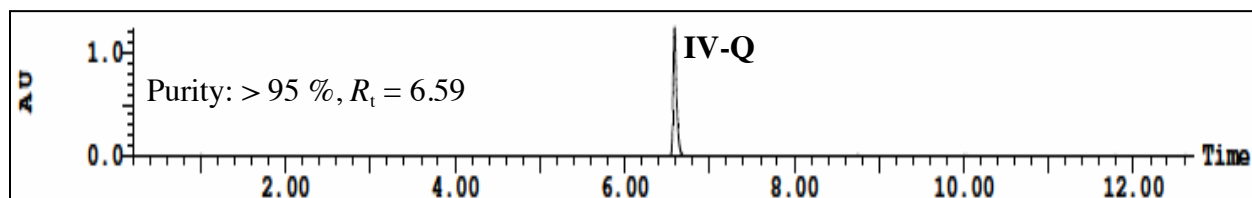


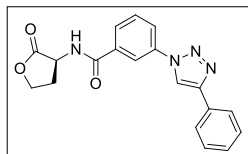
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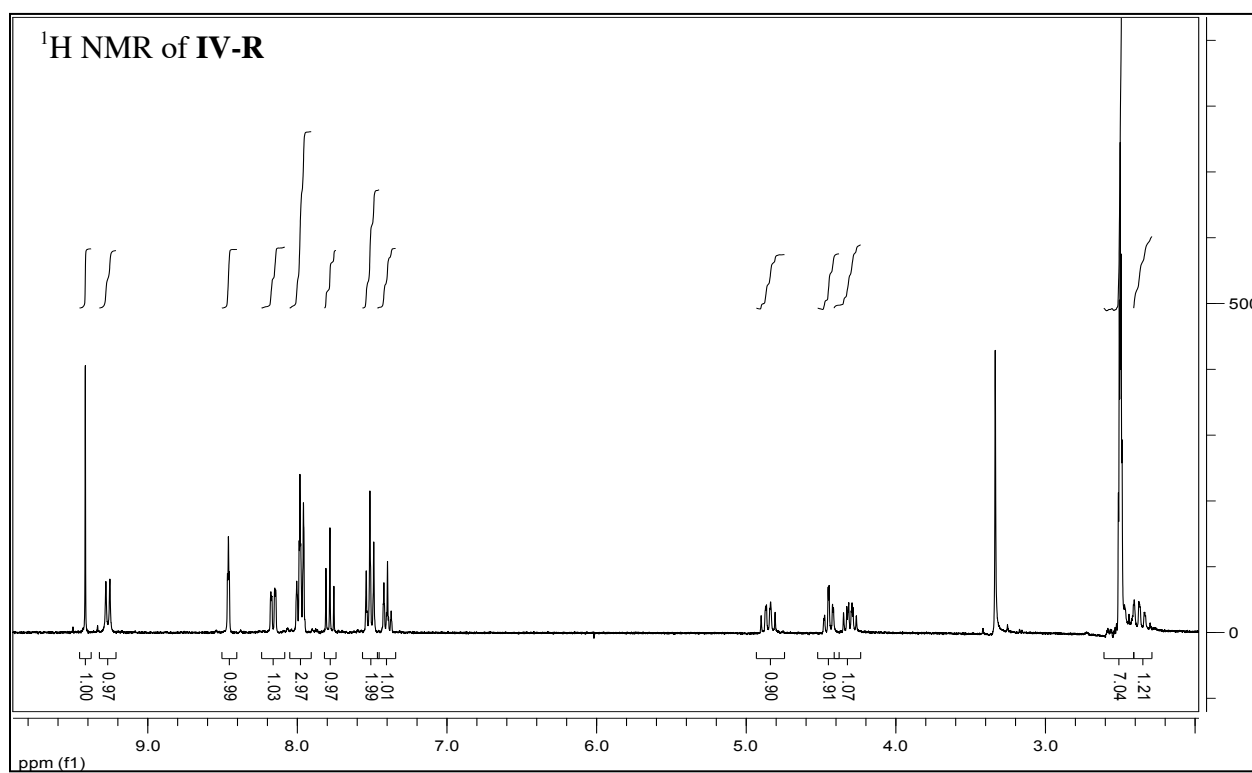
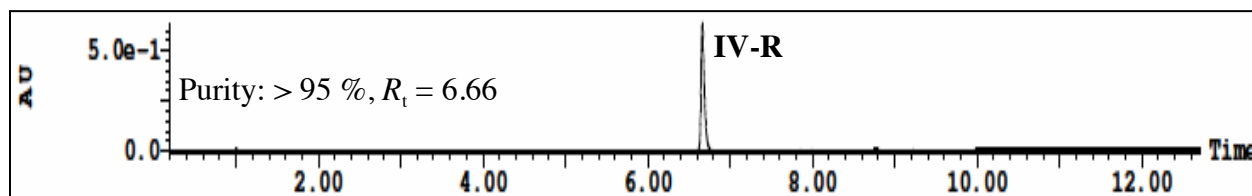


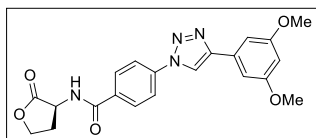
**Triazole IV-Q.**



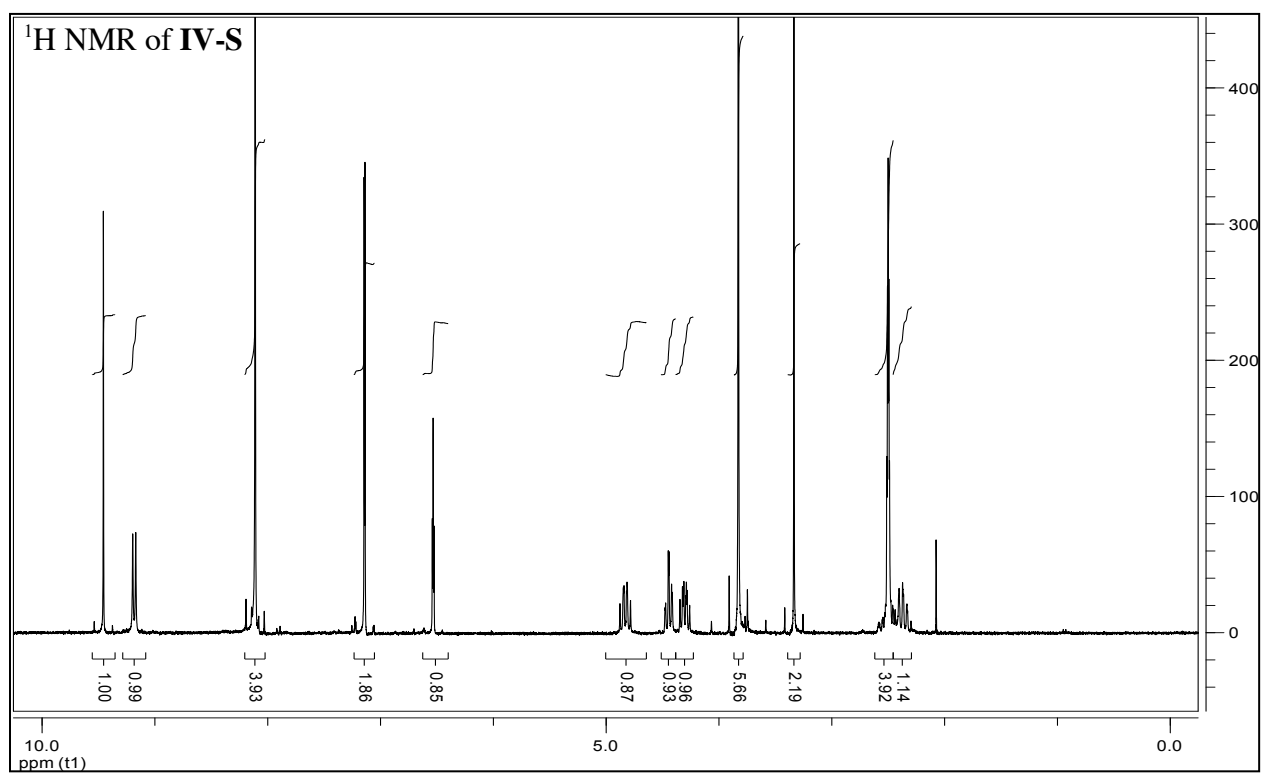
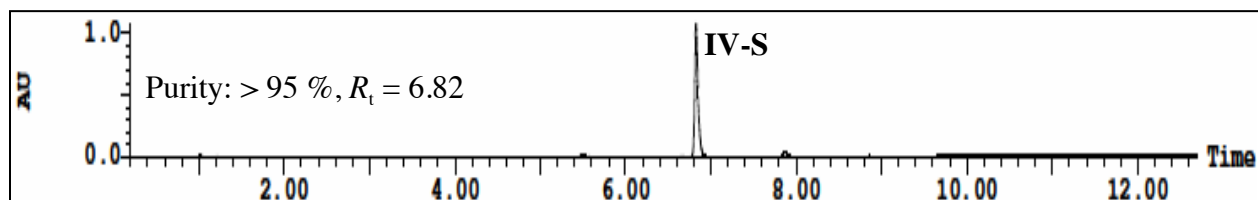


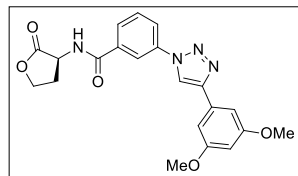
**Triazole IV-R.**



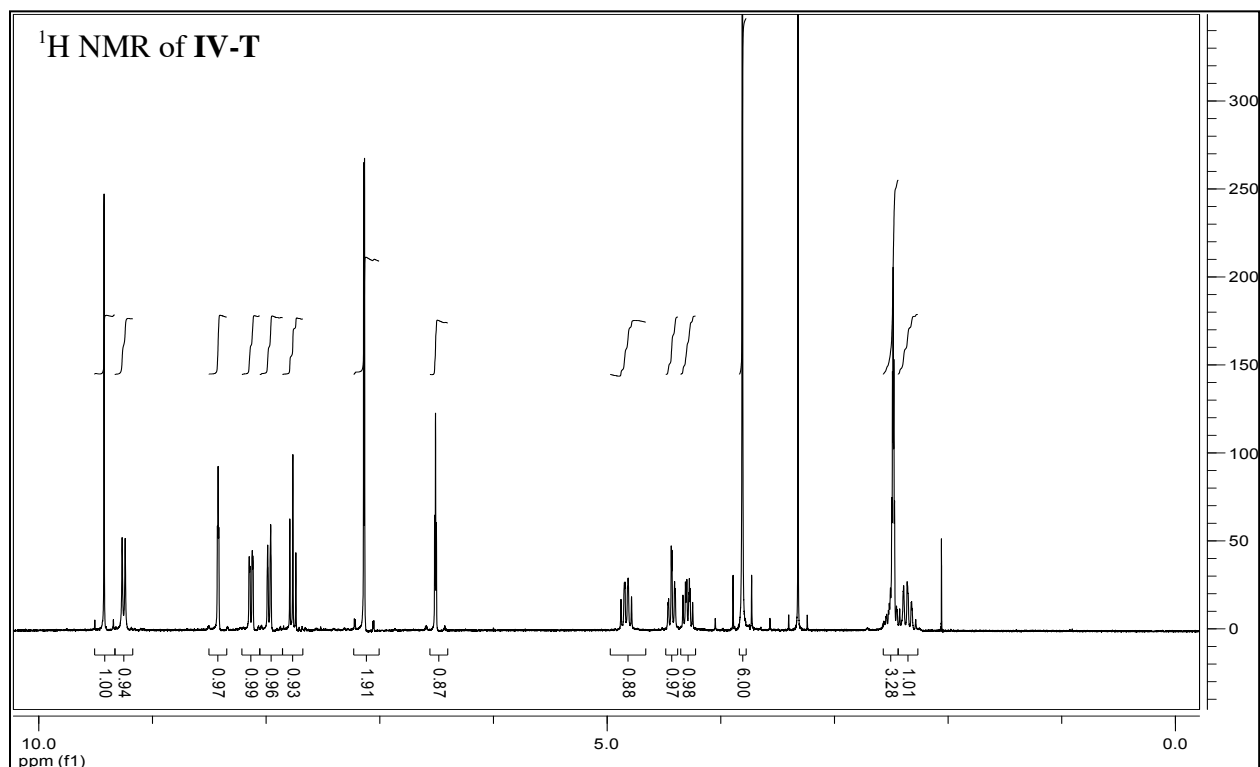
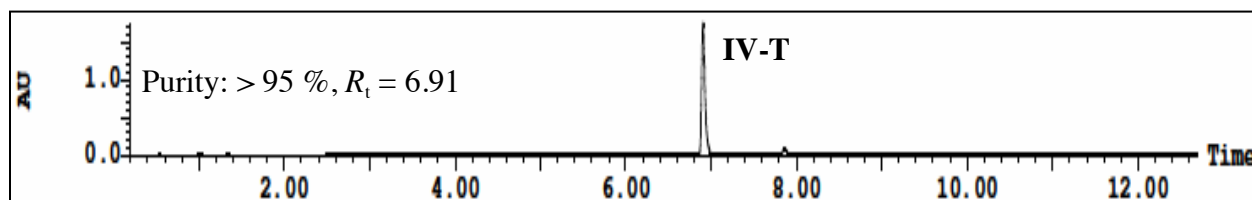


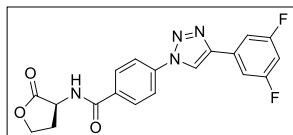
**Triazole IV-S.**



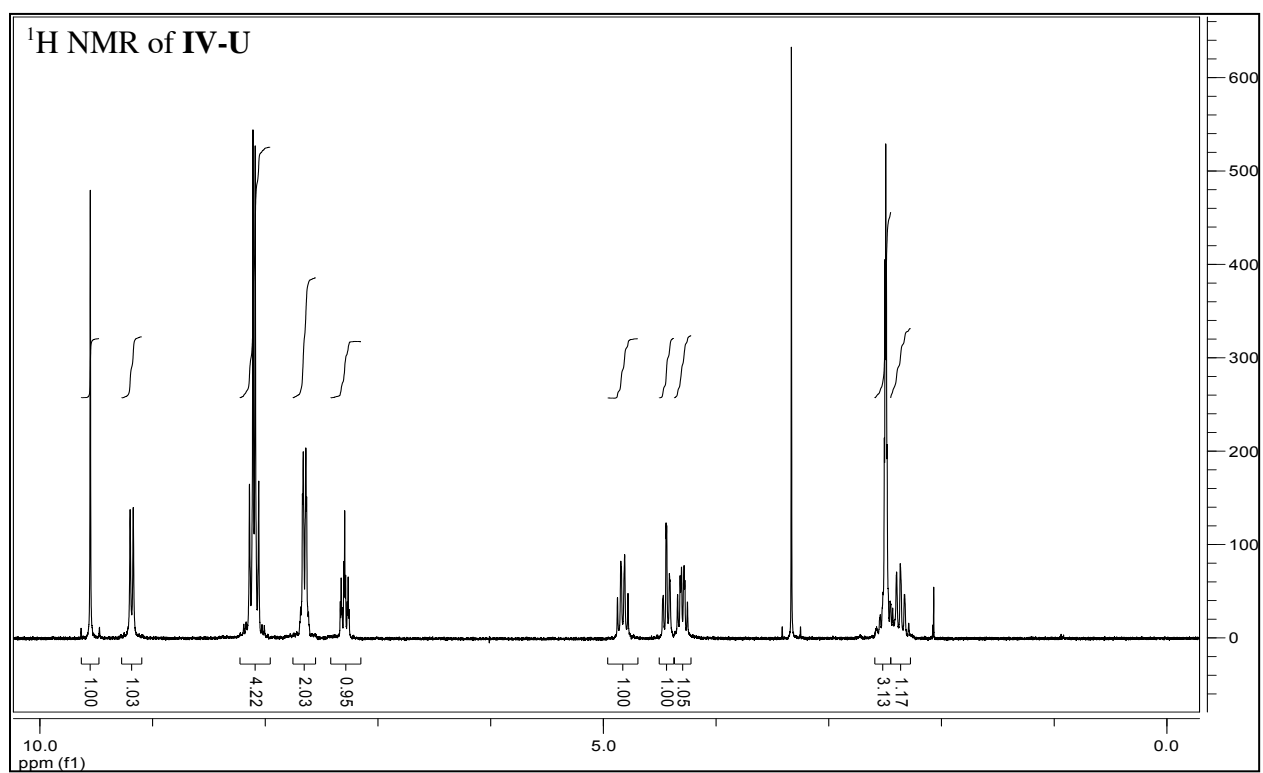
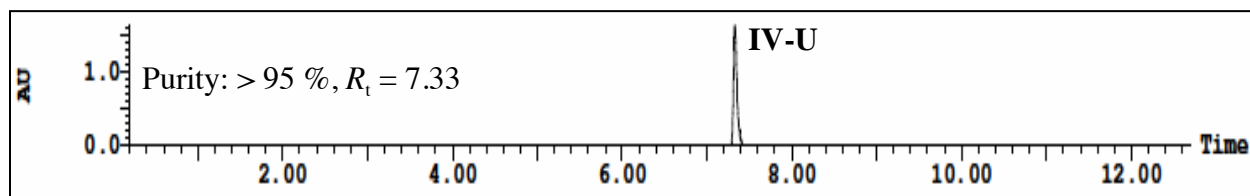


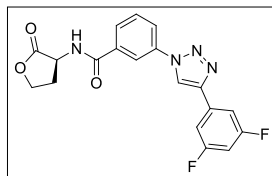
**Triazole IV-T.**



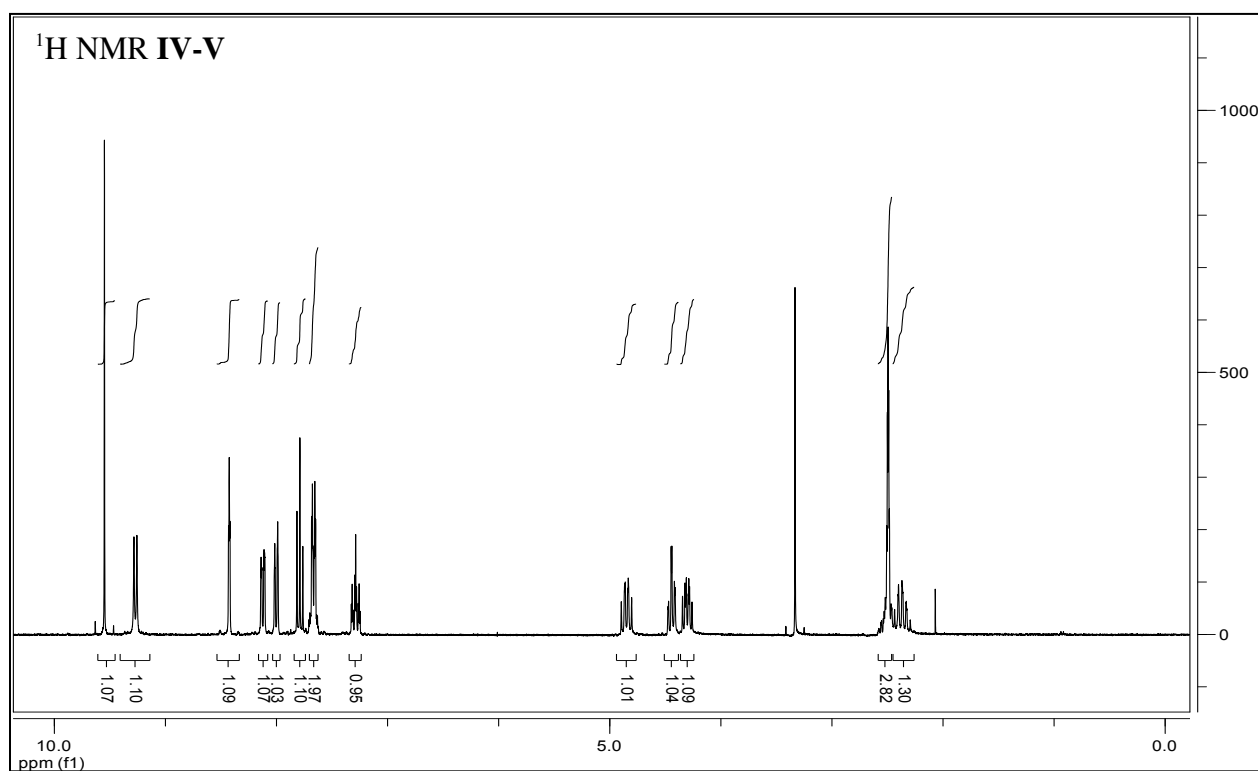
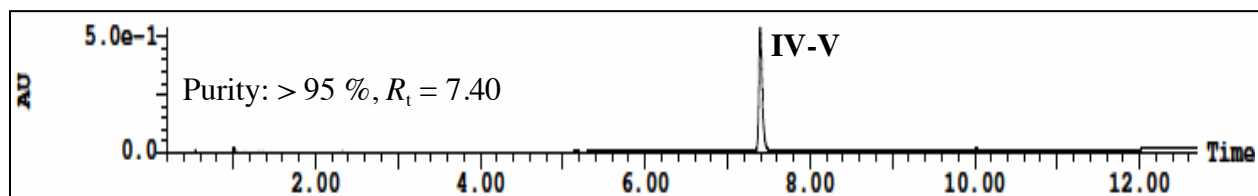


**Triazole IV-U.**

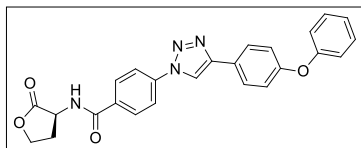




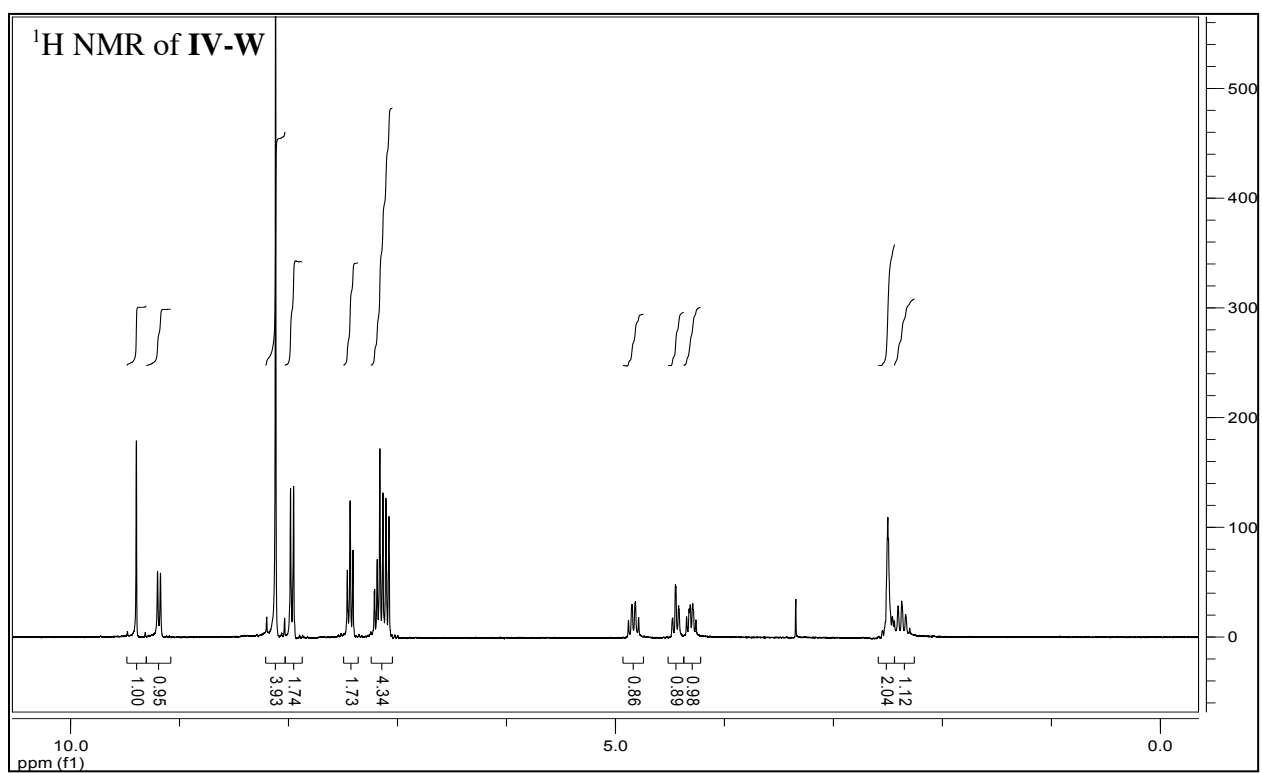
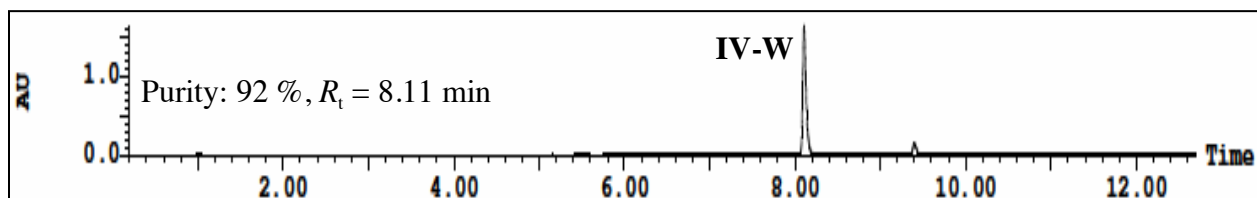
**Triazole IV-V.**

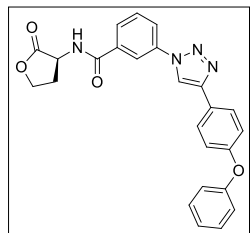




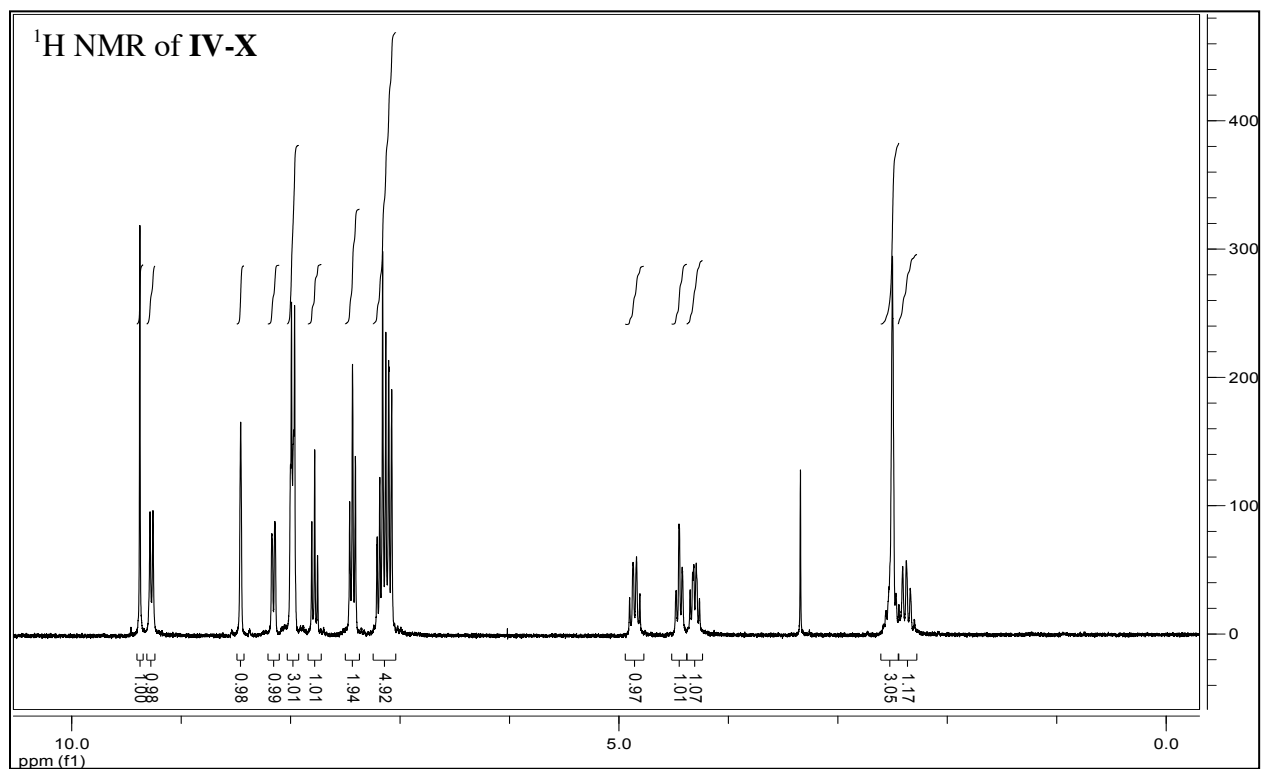
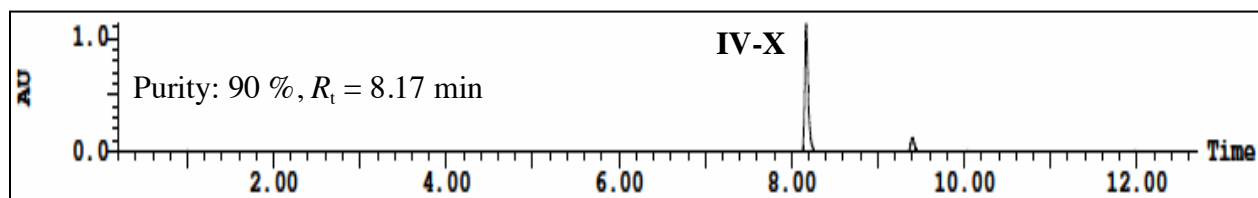


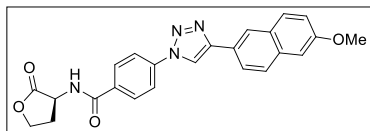
Triazole IV-W.



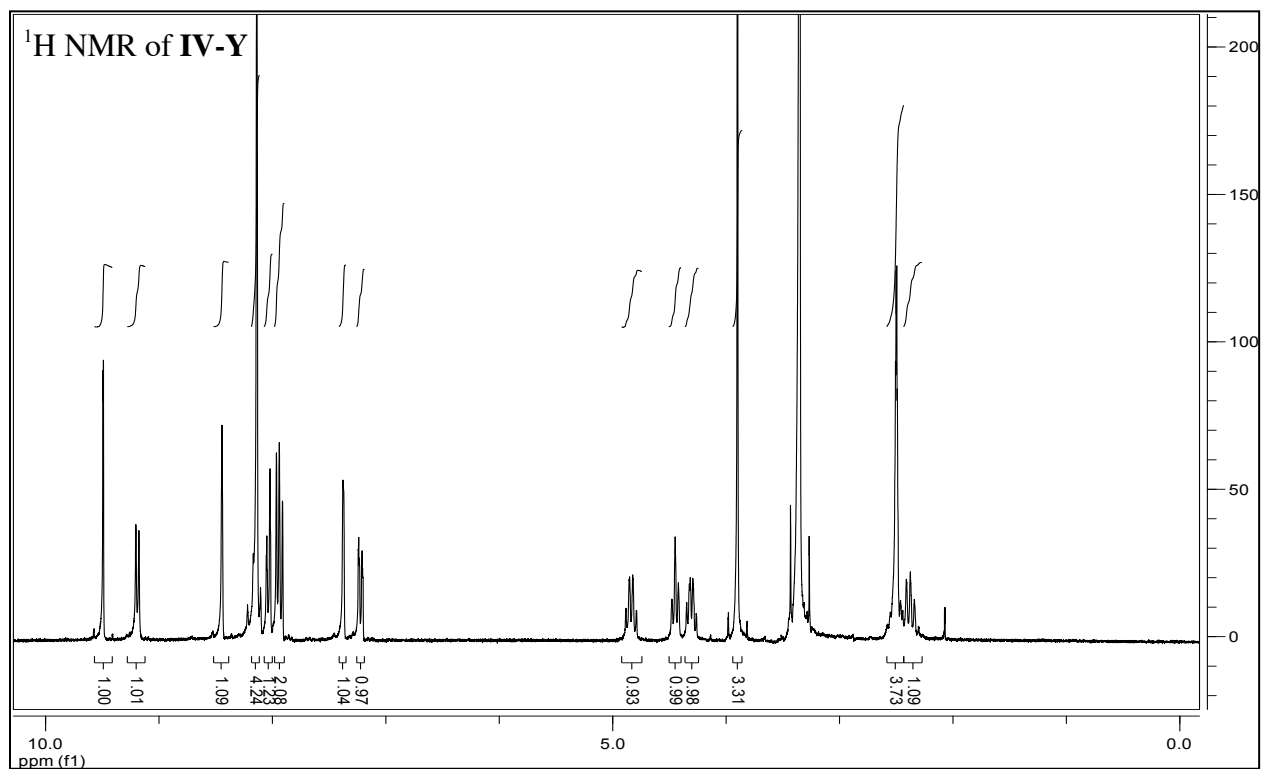
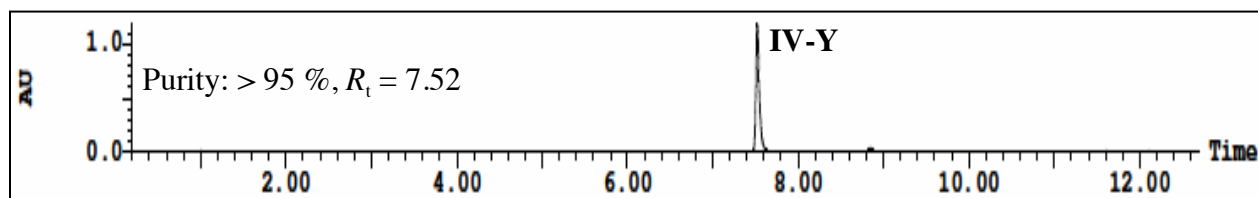


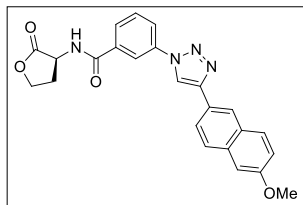
**Triazole IV-X.**



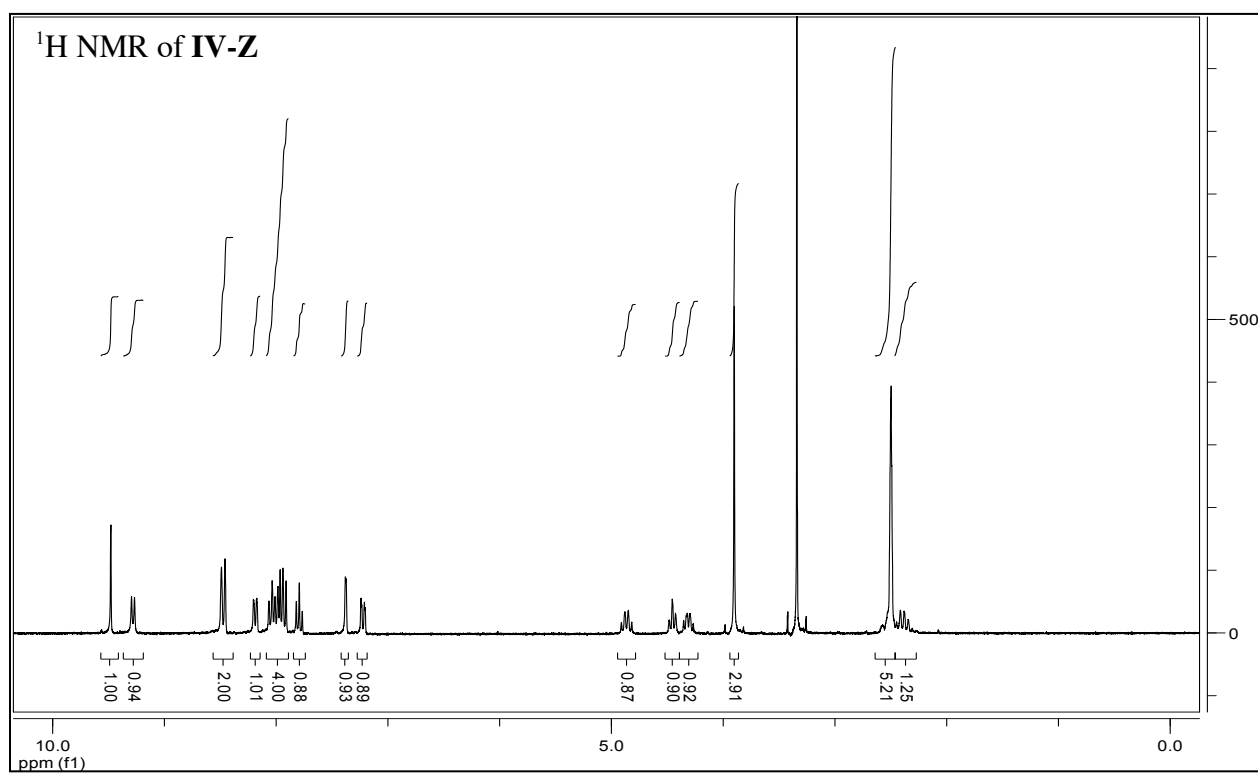
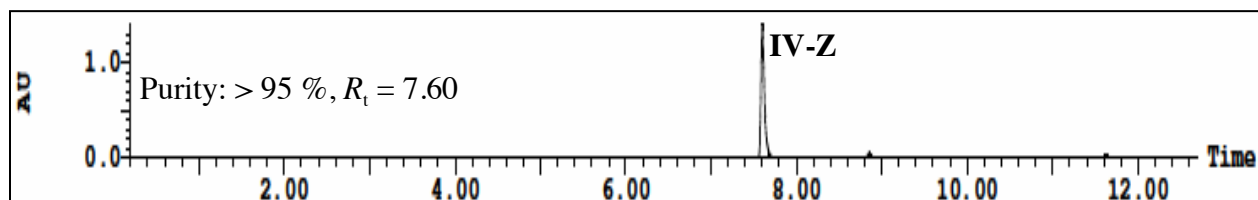


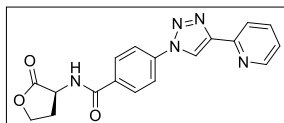
**Triazole IV-Y.**



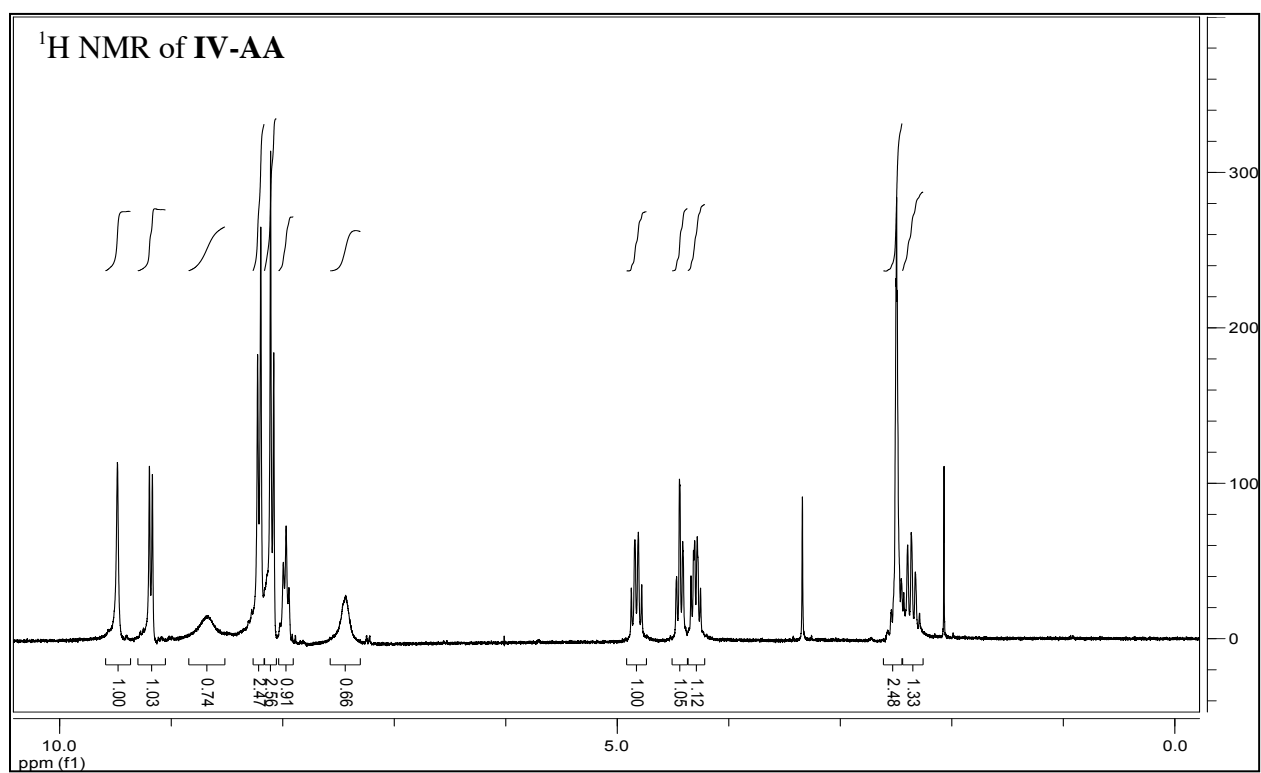
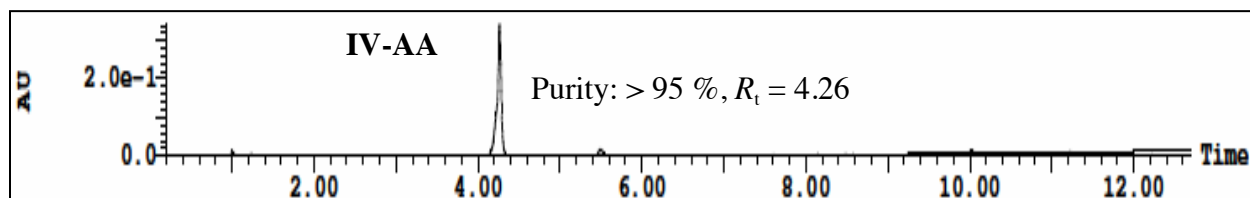


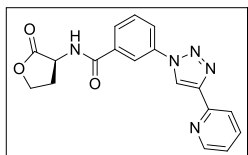
**Triazole IV-Z.**



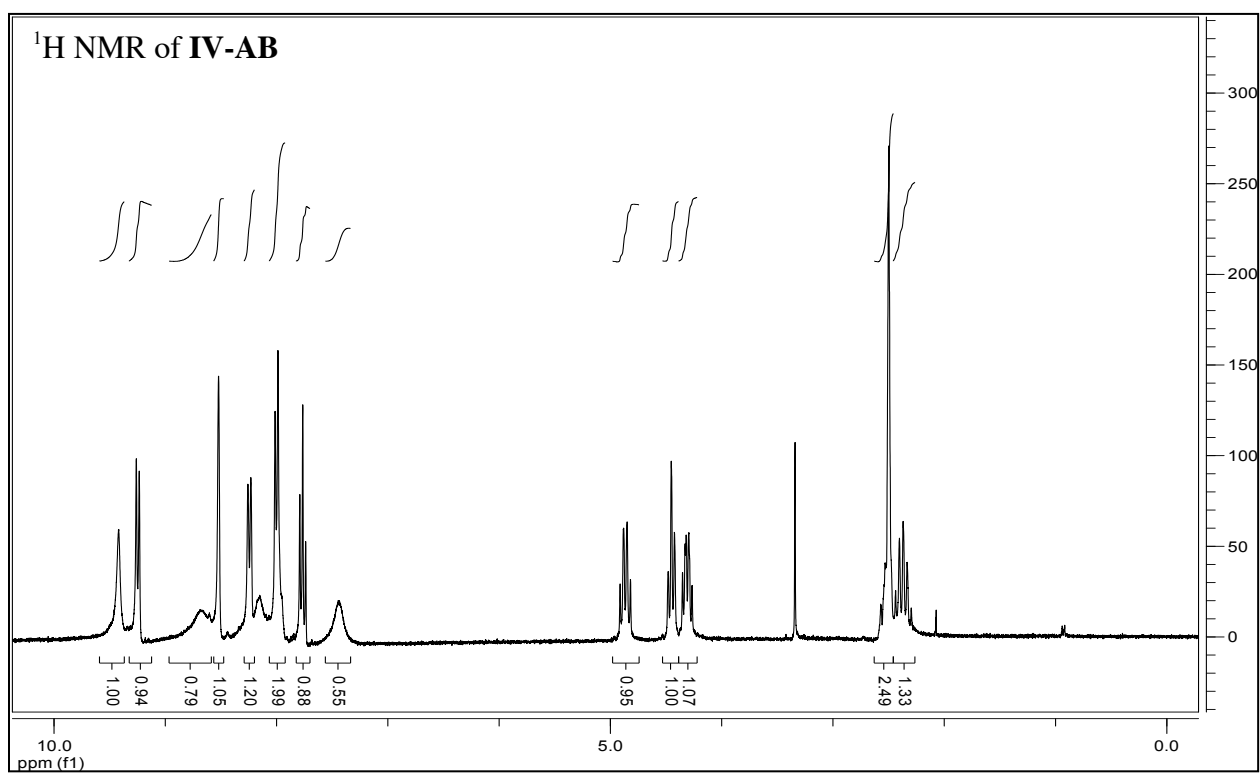
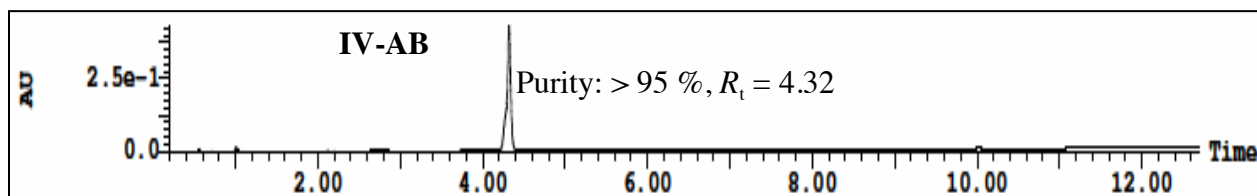


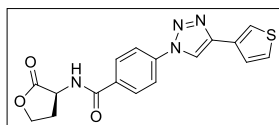
Triazole IV-AA.



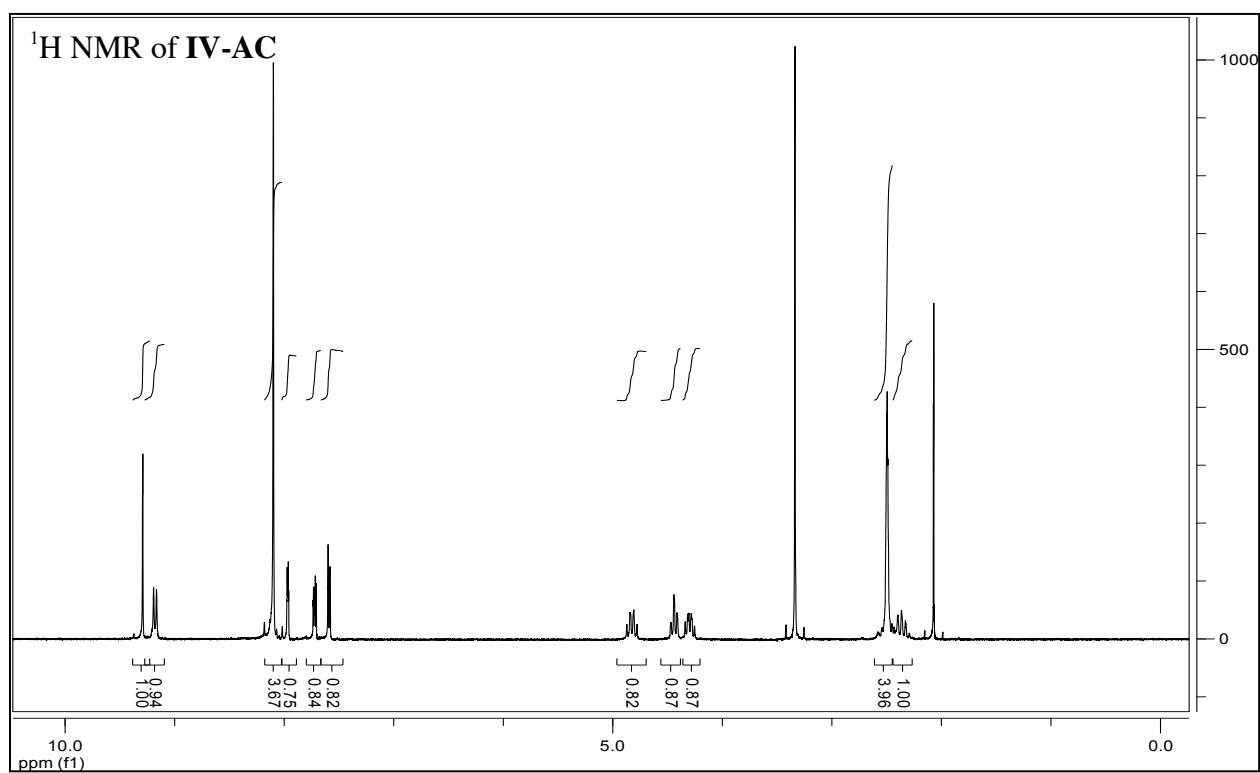
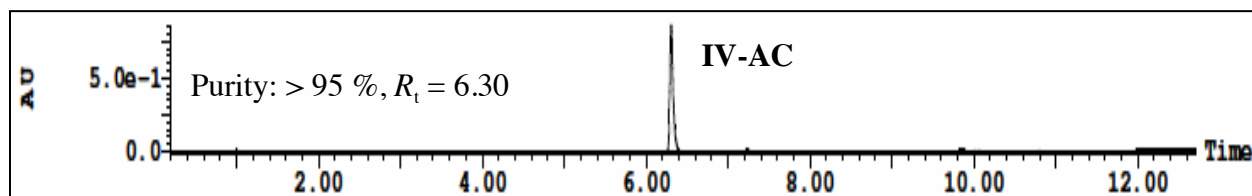


**Triazole IV-AB.**



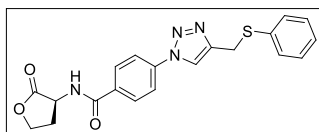


**Triazole IV-AC.**

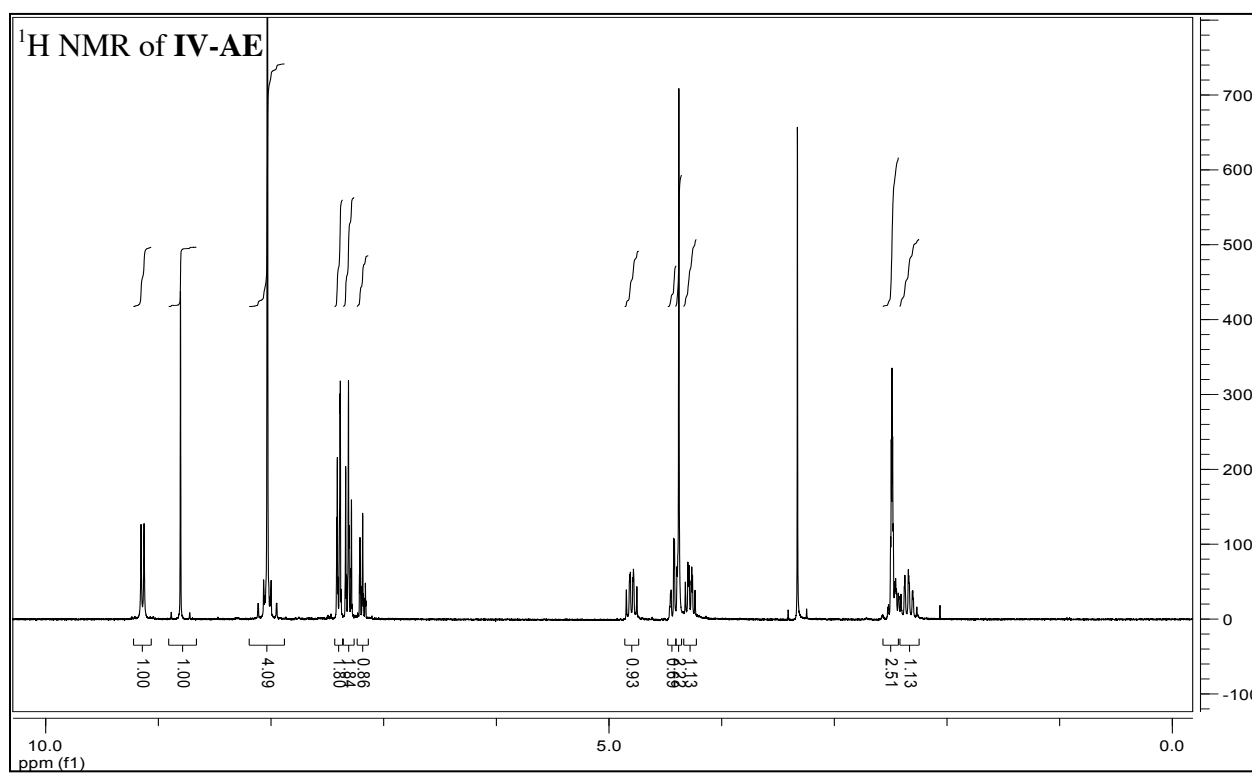
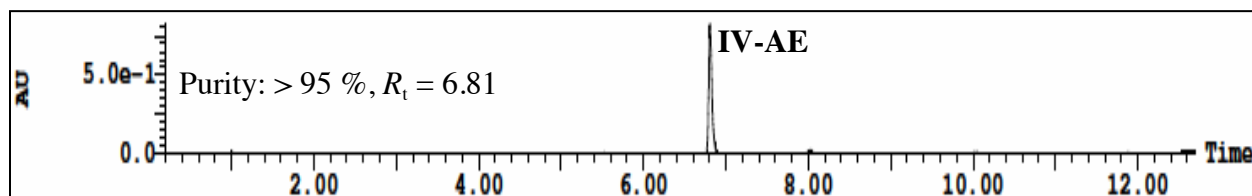


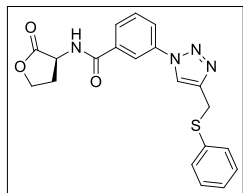




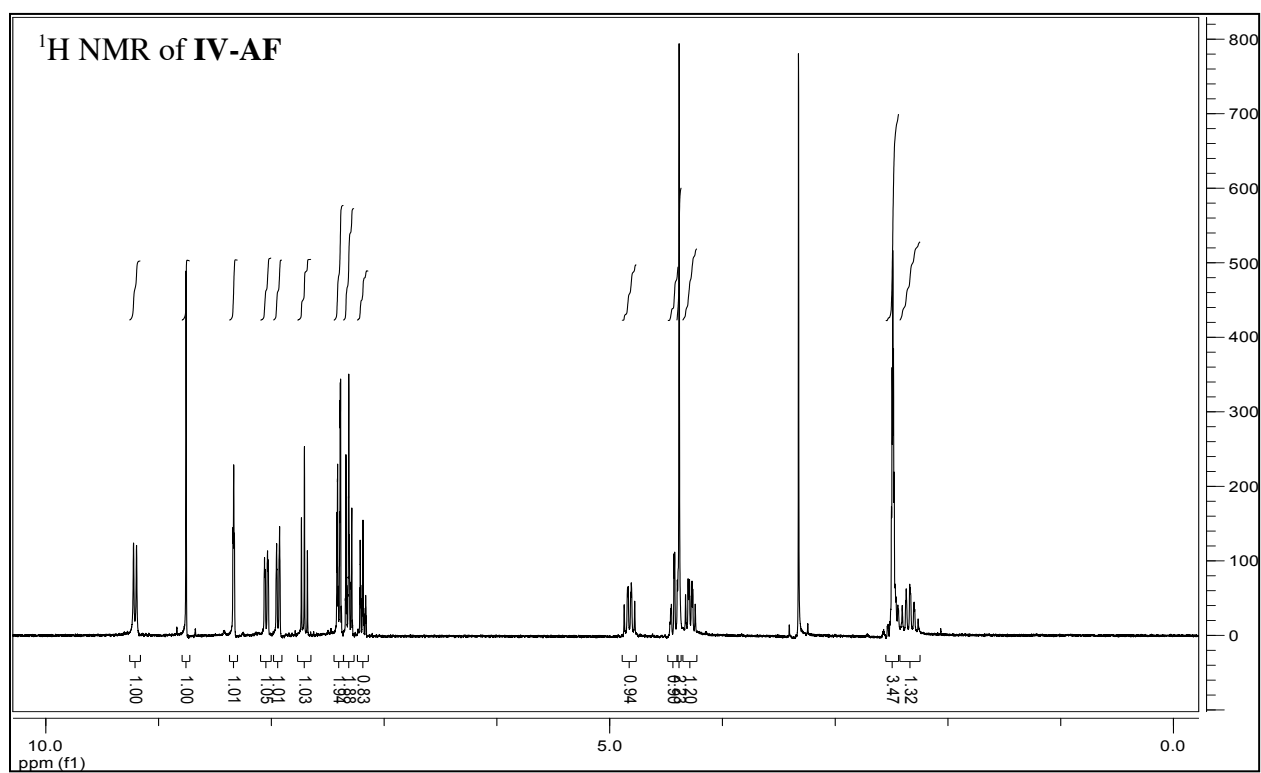
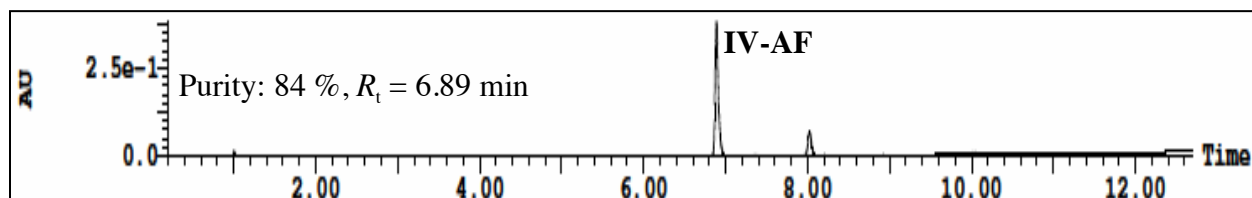


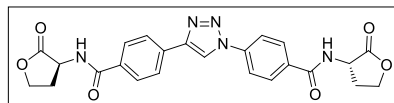
**Triazole IV-AE.**



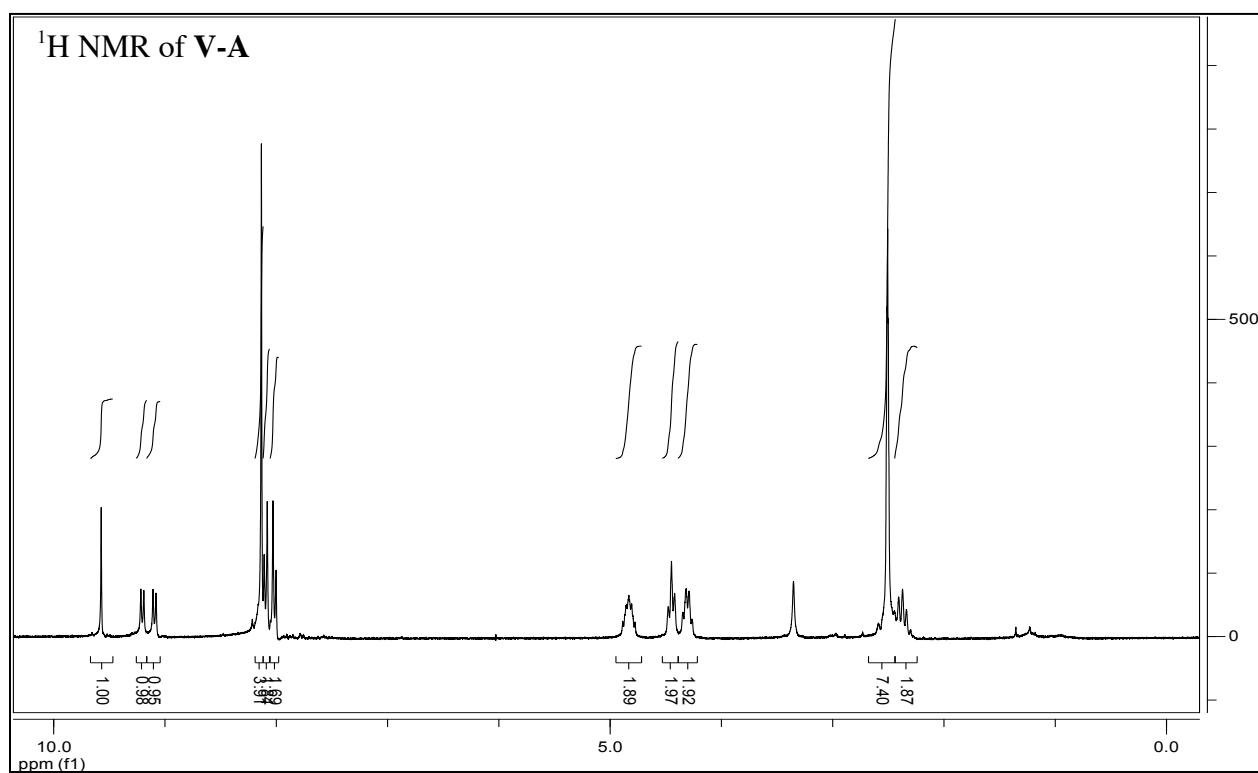
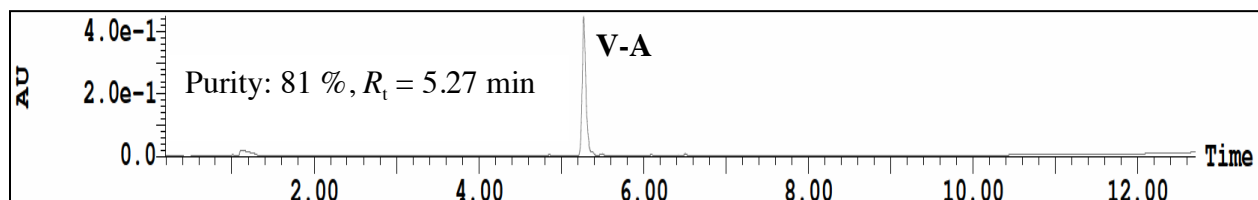


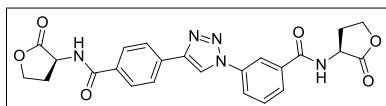
**Triazole IV-AF.**



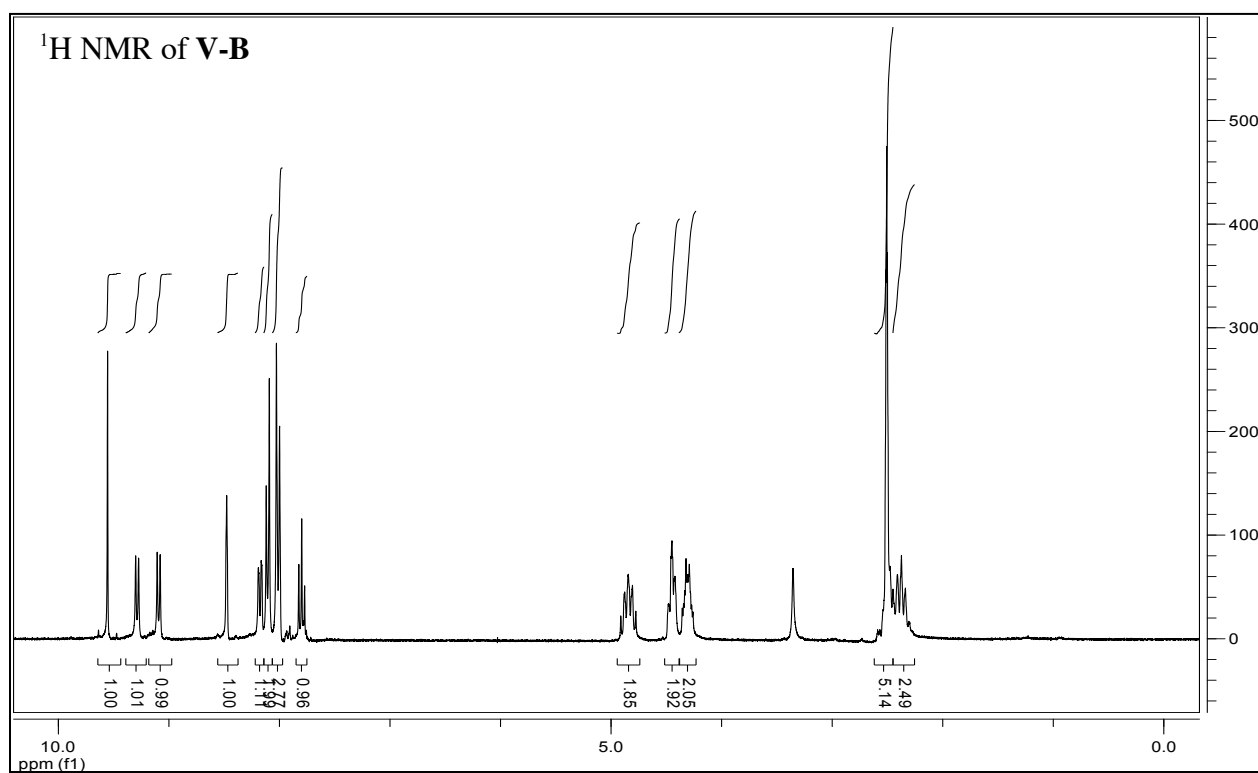
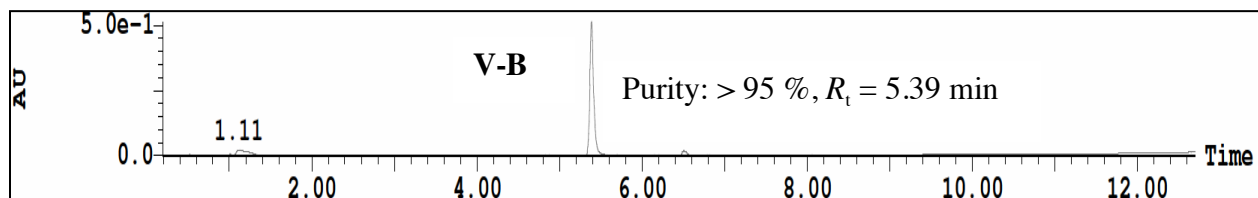


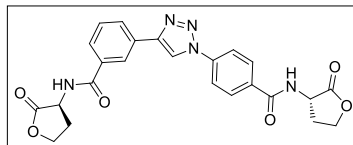
**Bis-homoserine lactone V-A.**



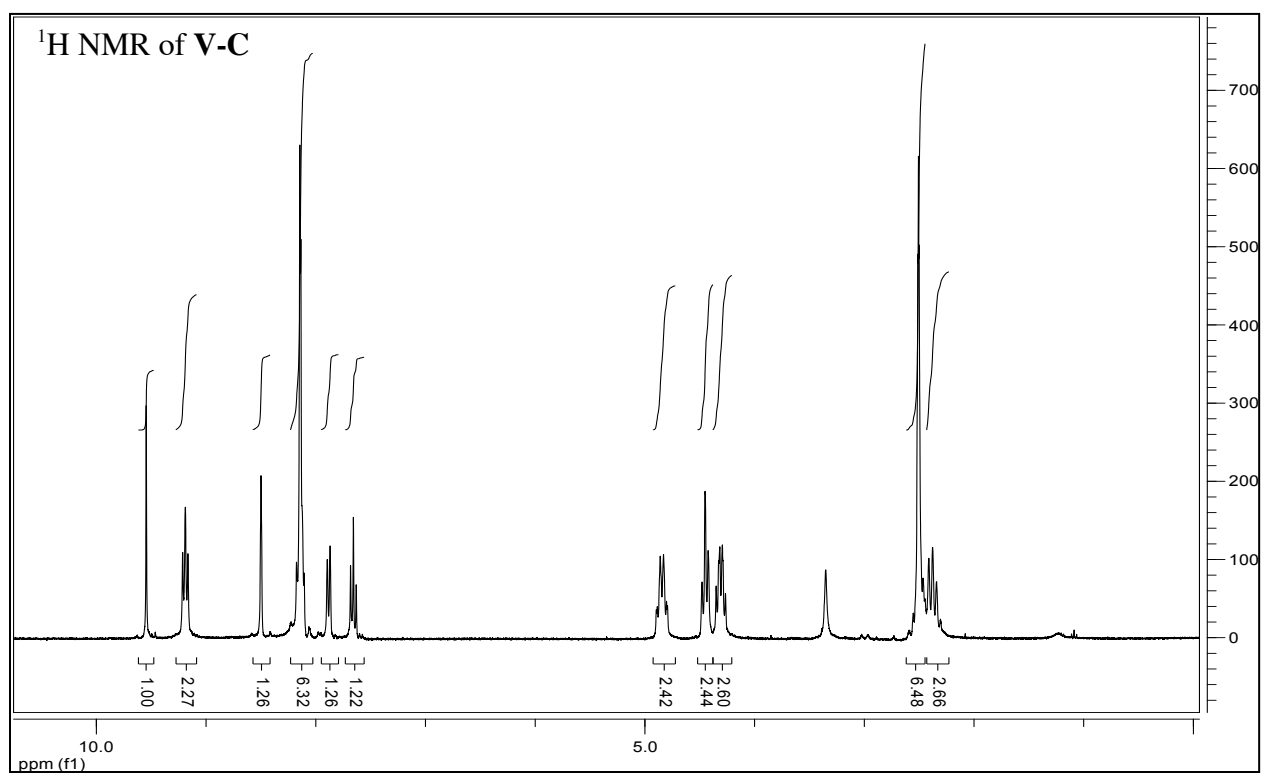
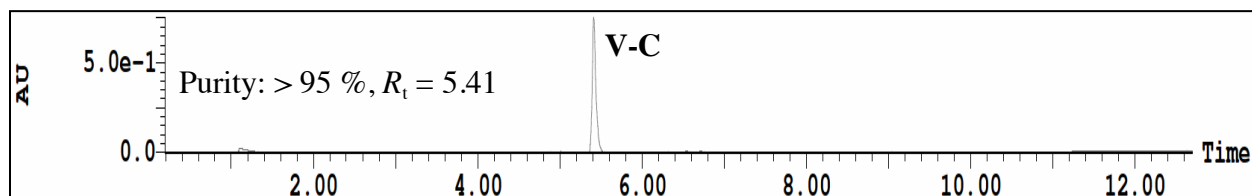


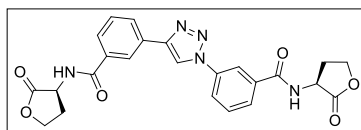
**Bis-homoserine lactone V-B.**



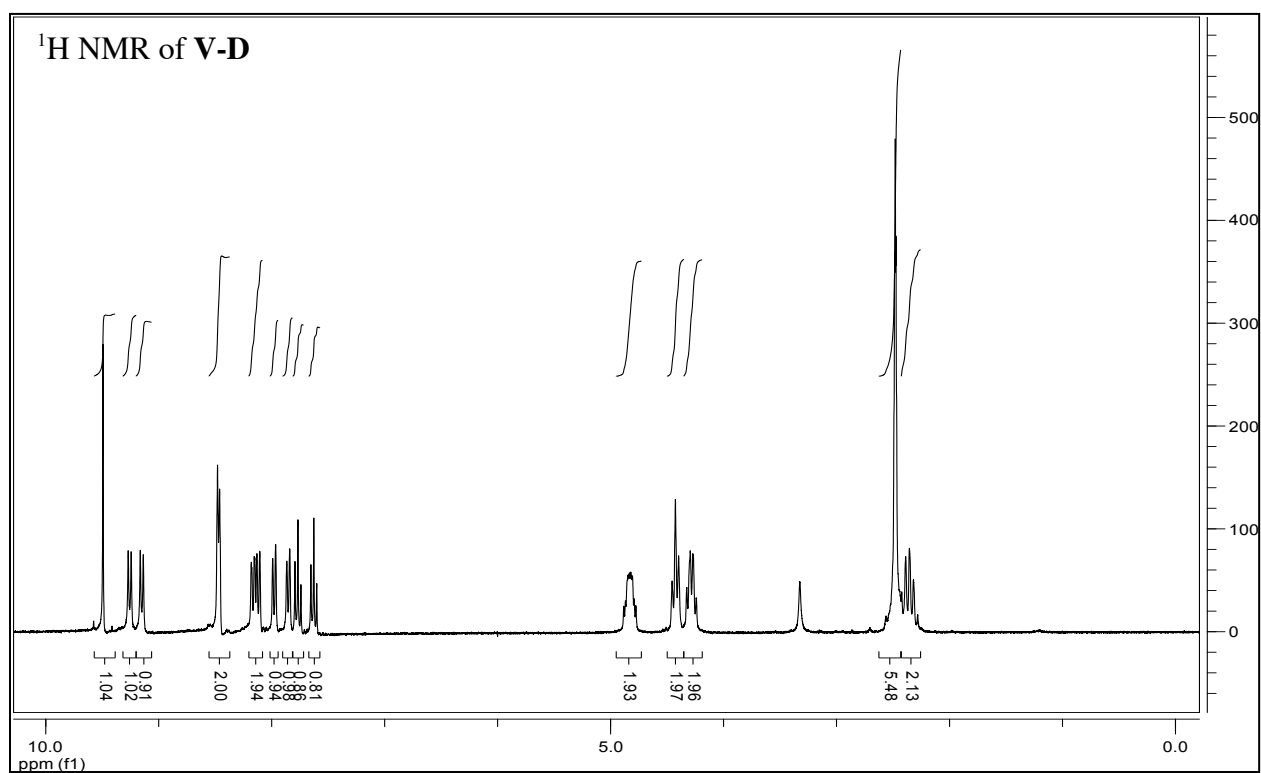
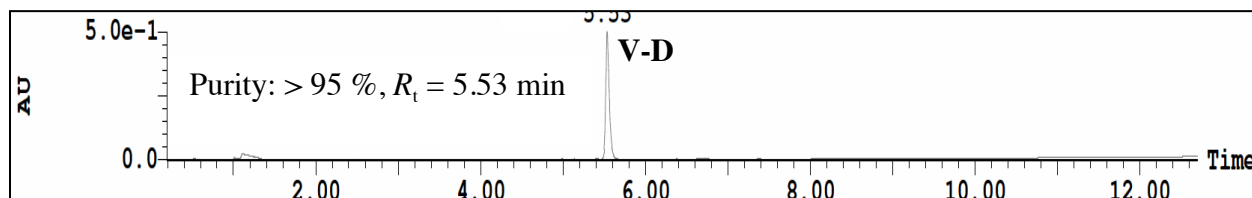


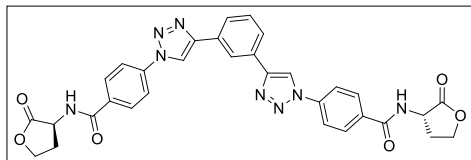
**Bis-homoserine lactone V-C.**



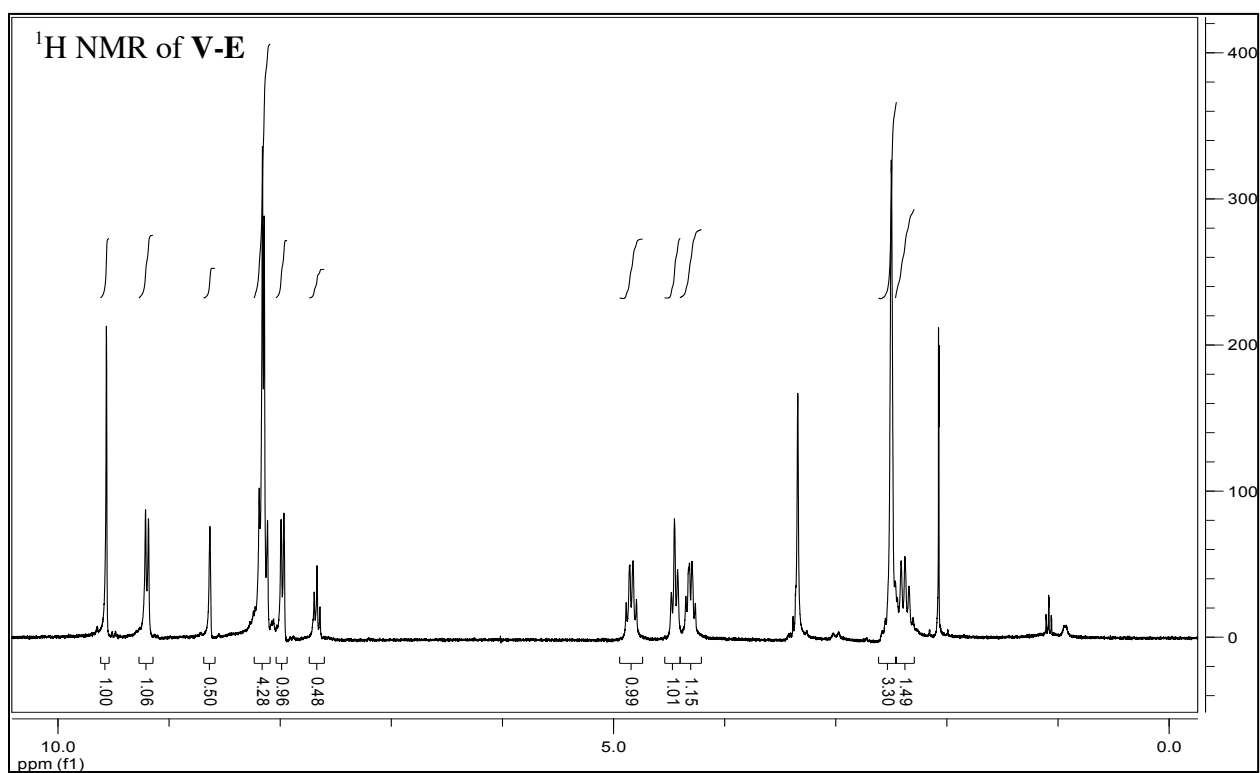
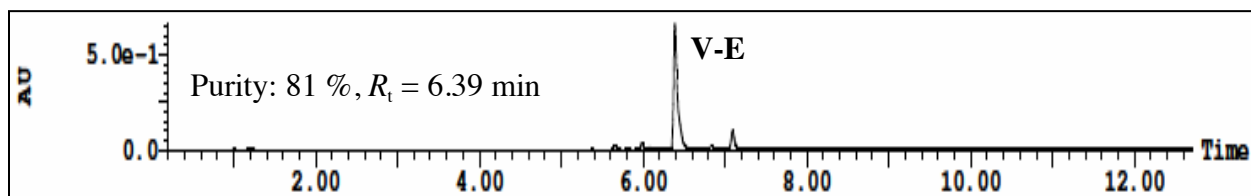


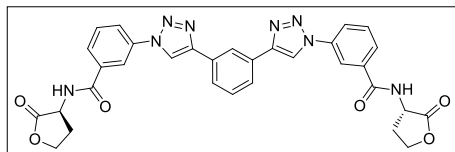
**Bis-homoserine lactone V-D.**



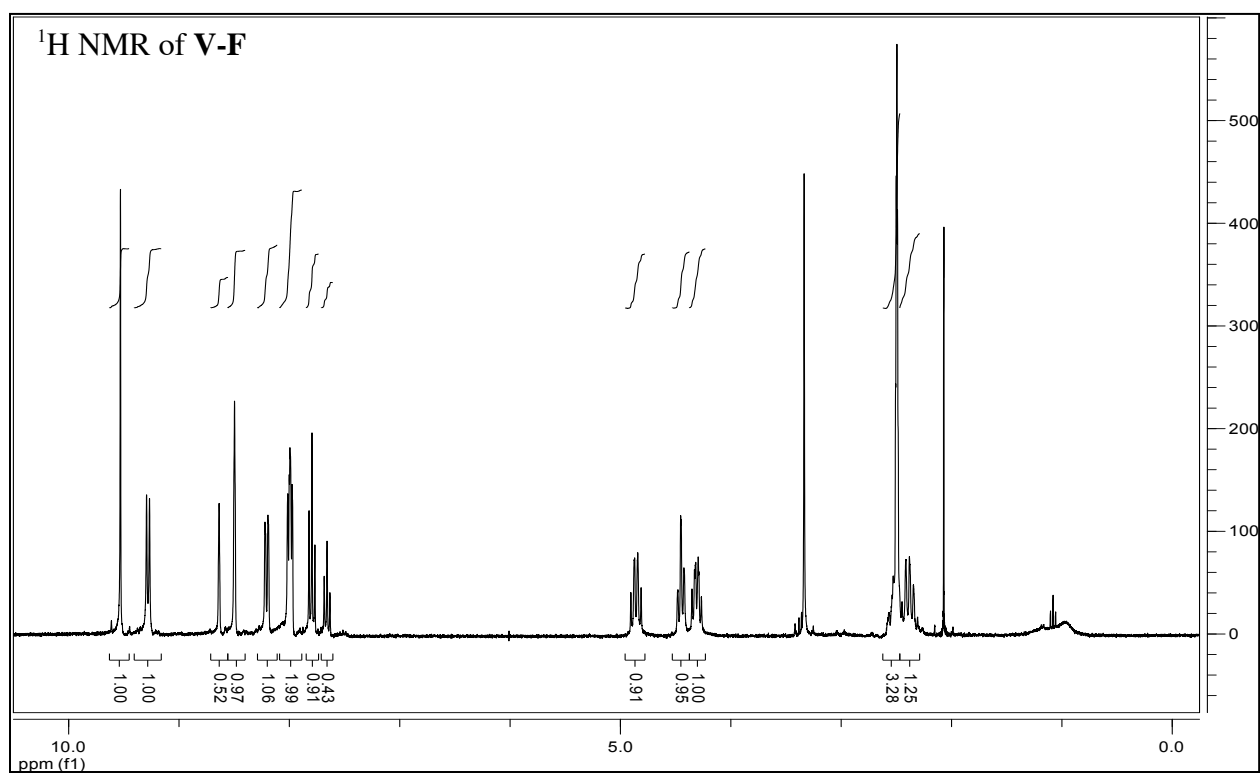
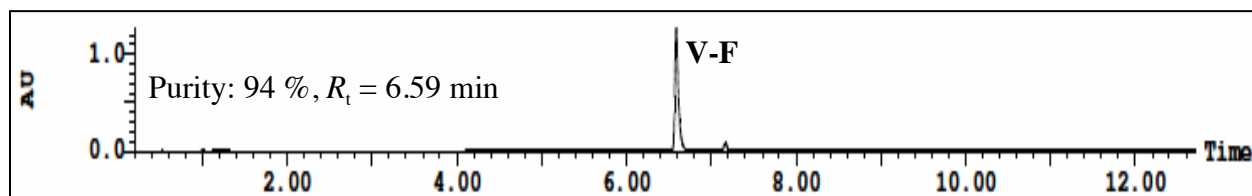


**Bis-homoserine lactone V-E.**

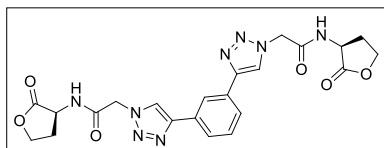




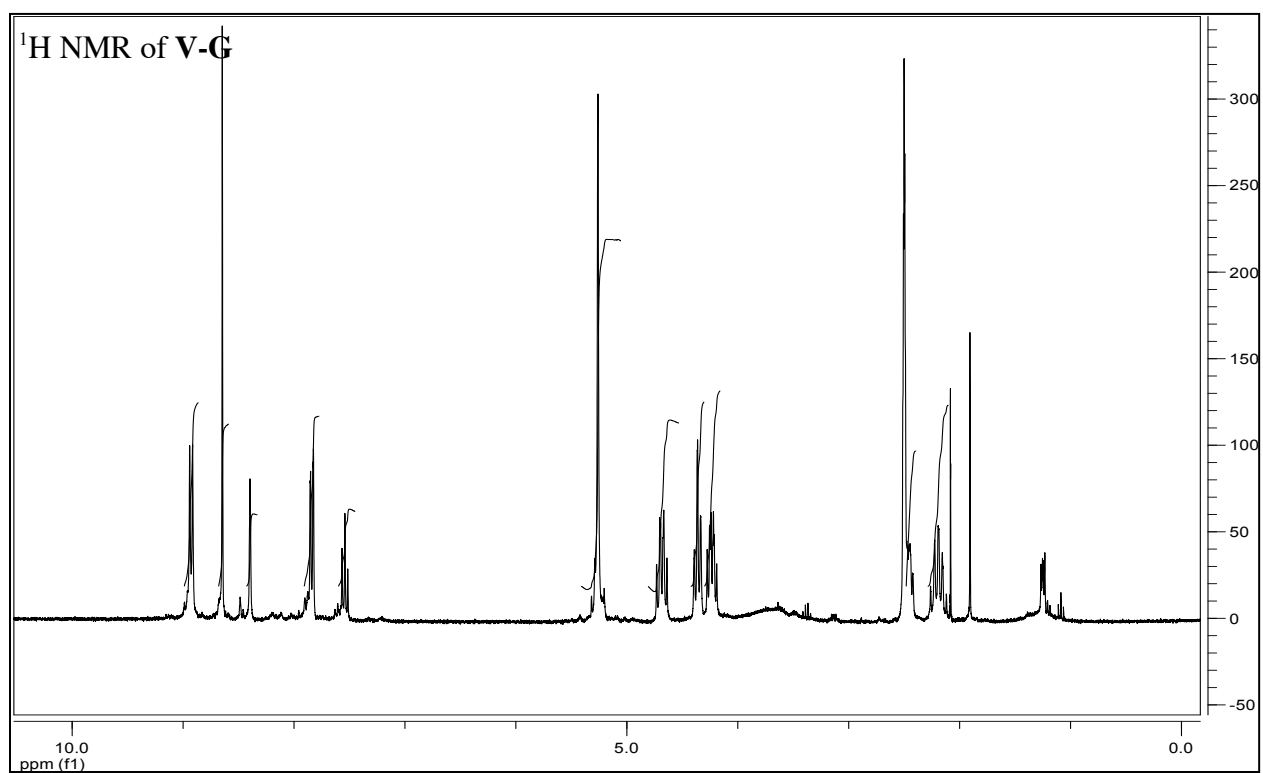
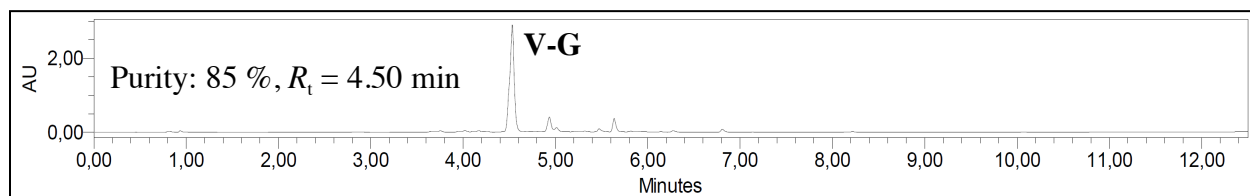
**Bis-homoserine lactone V-F.**

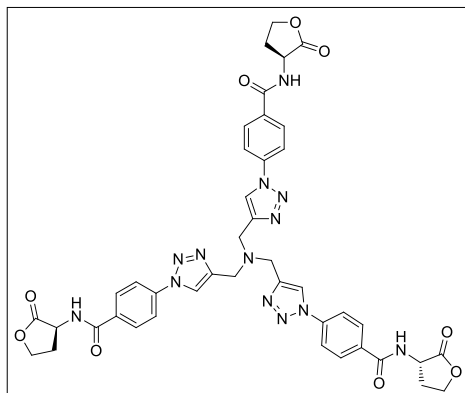




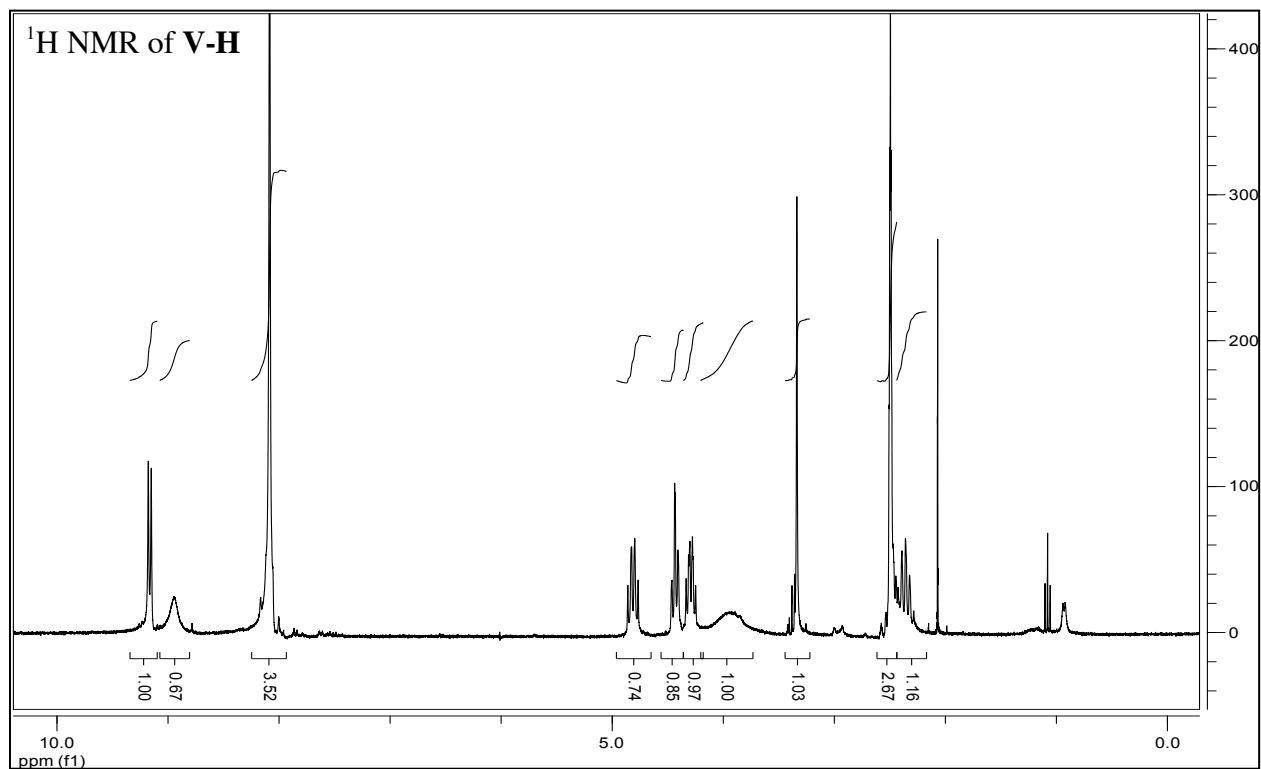
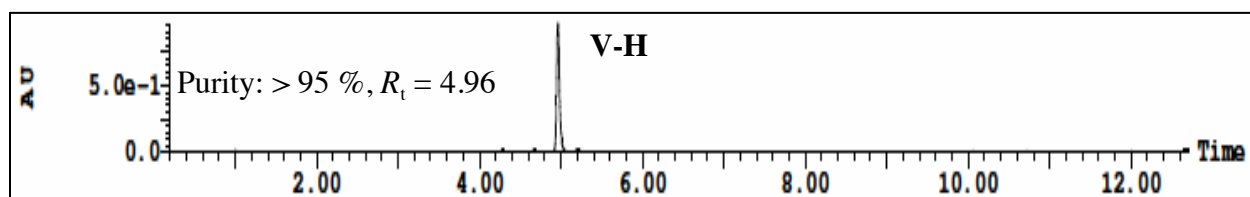


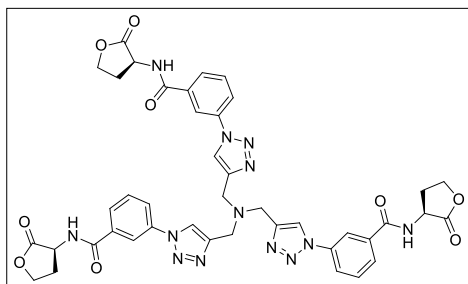
**Bis-homoserine lactone V-G.**



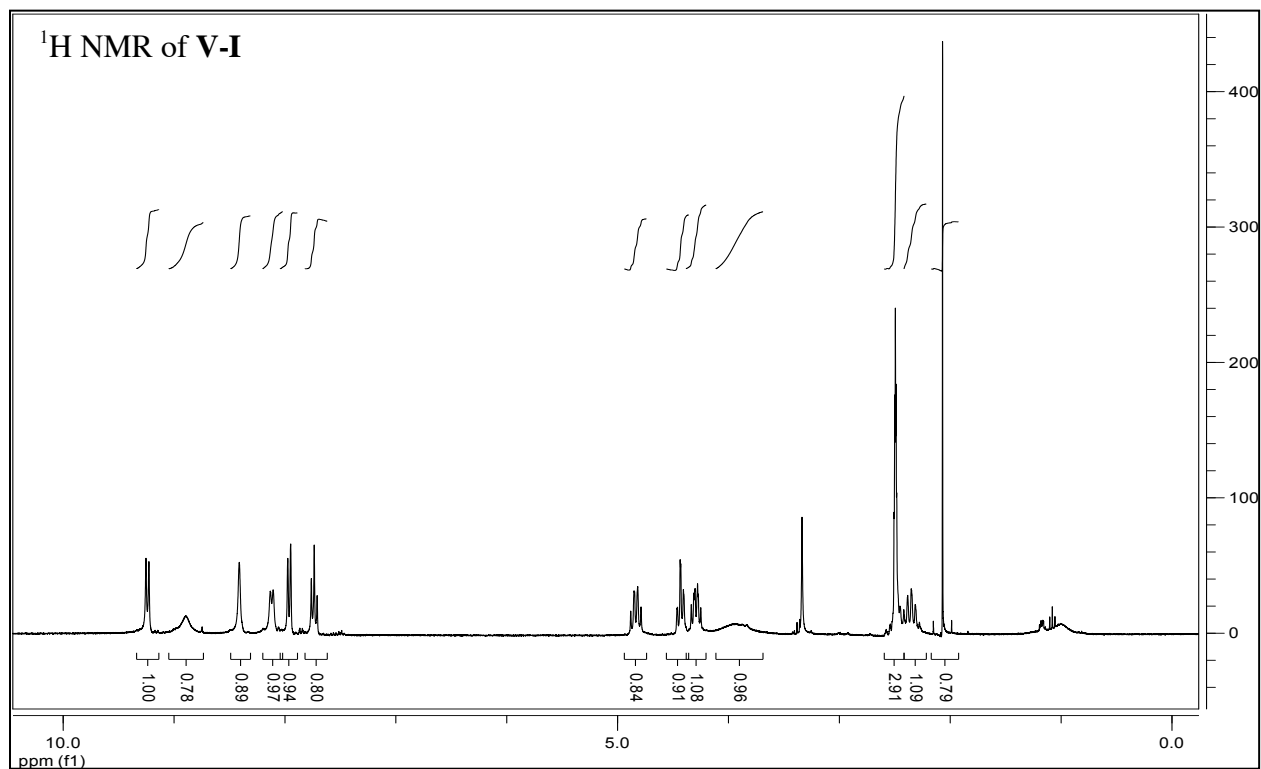
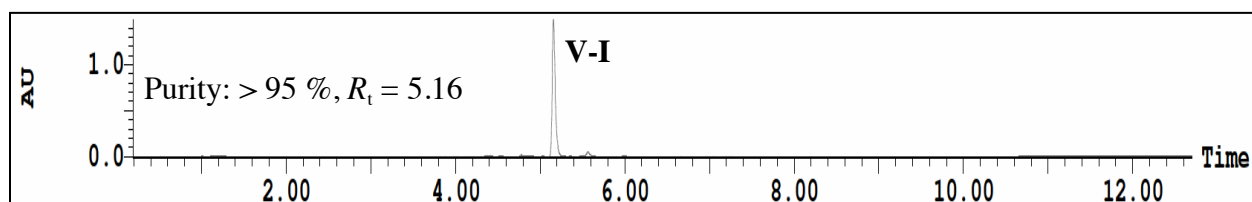


Tris-homoserine lactone V-H.





Tris-homoserine lactone V-I.



References and notes