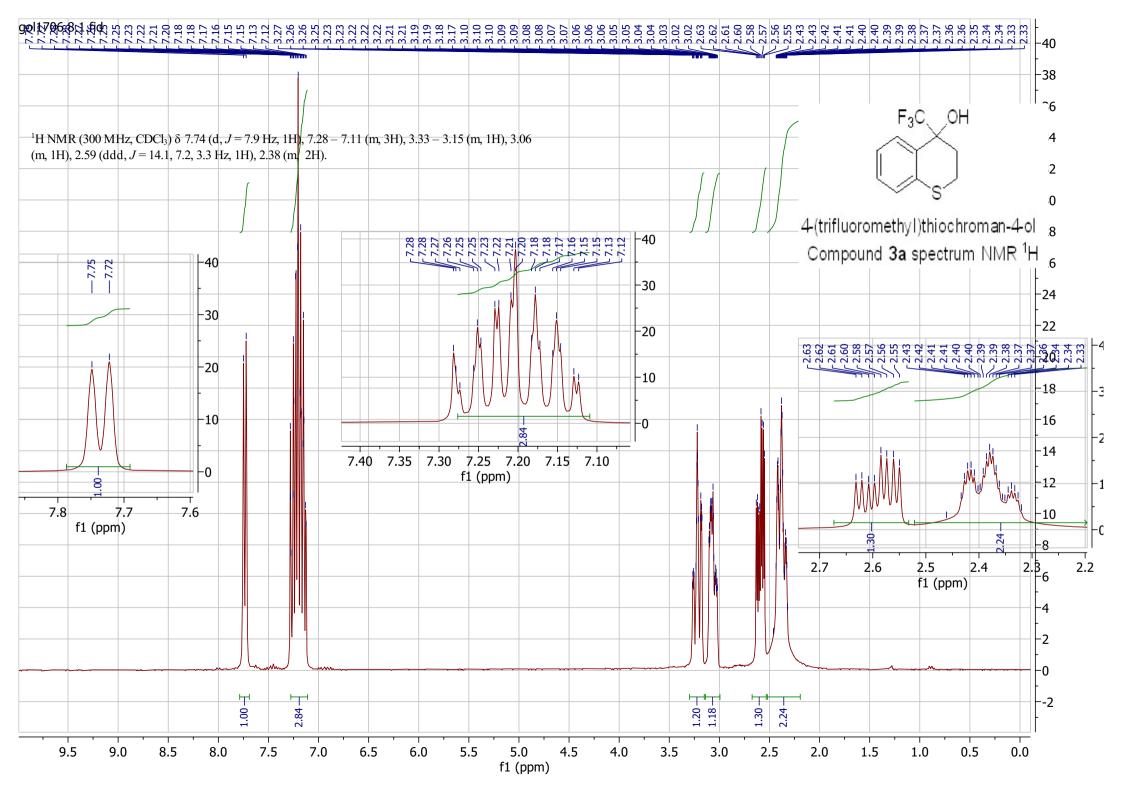
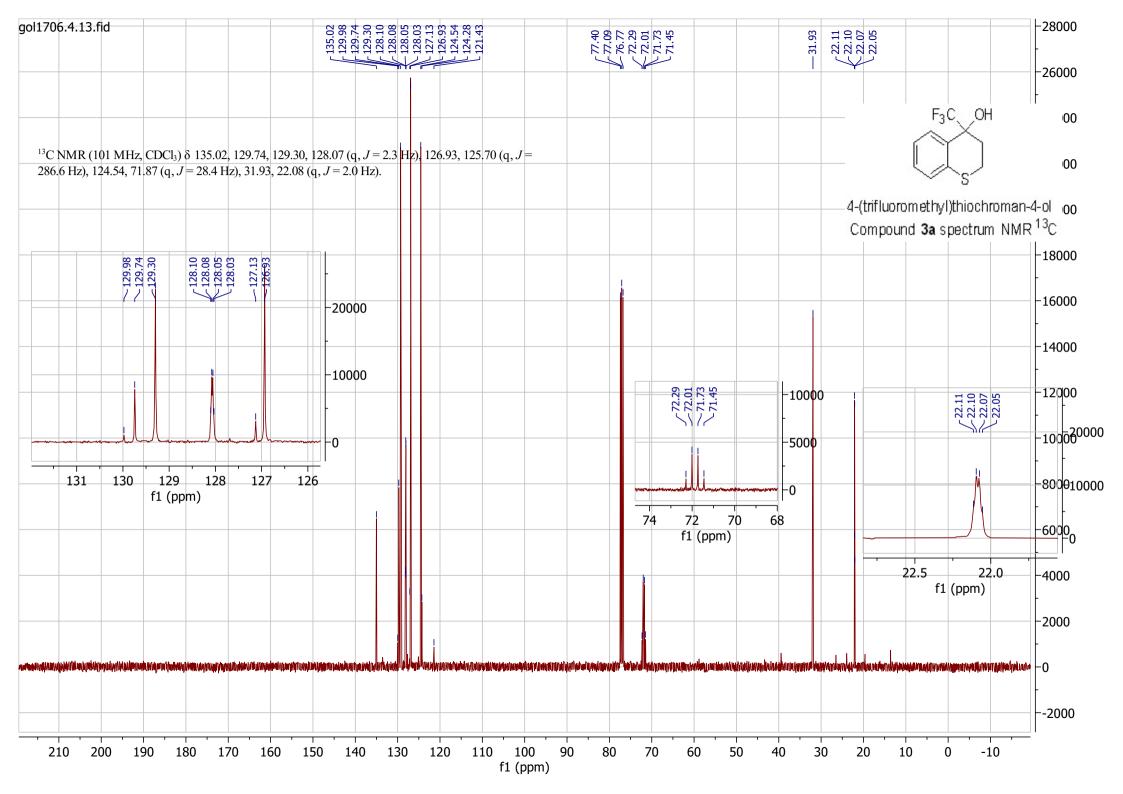
Electronic supplementary information

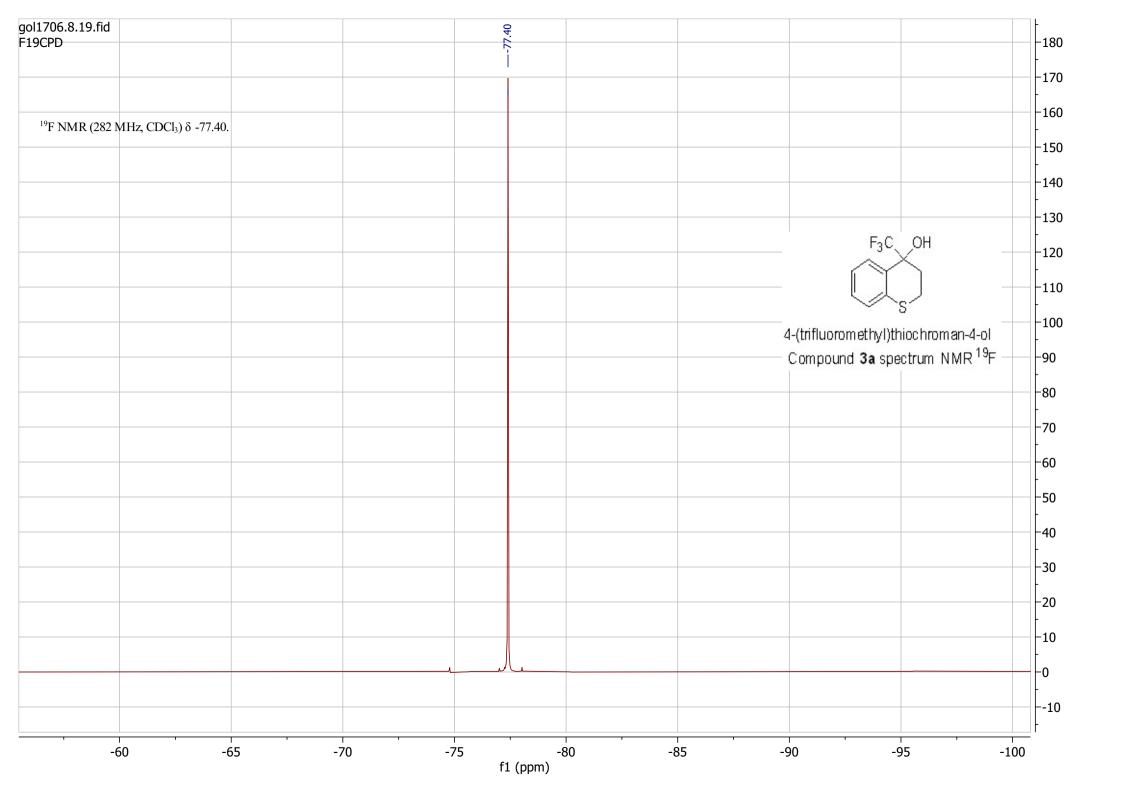
SYNTHESIS OF 4-(TRIFLUOROMETHYL)-2H-THIOCHROMENES

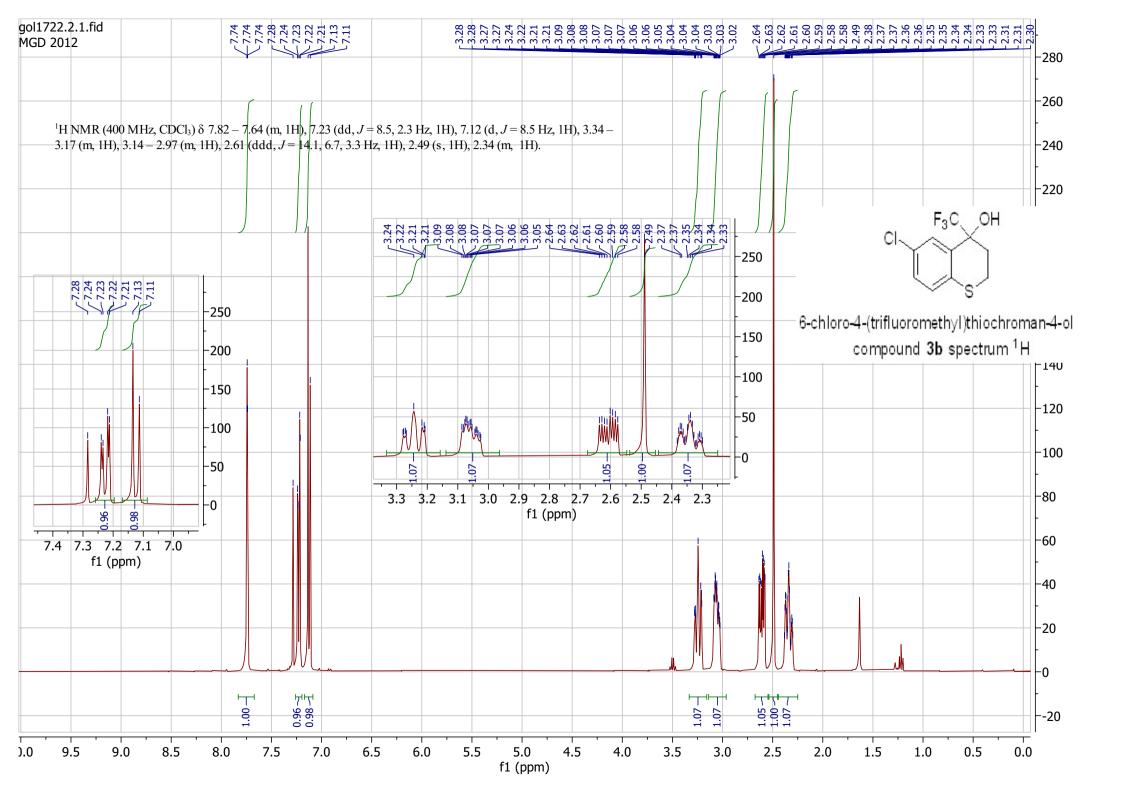
A. S. Golubev,**a P. N. Ostapchuk,* I. M. Golubev,*a N. D. Kagramanov,*a R. U. Takazova,*a and N. D. Chkanikov*

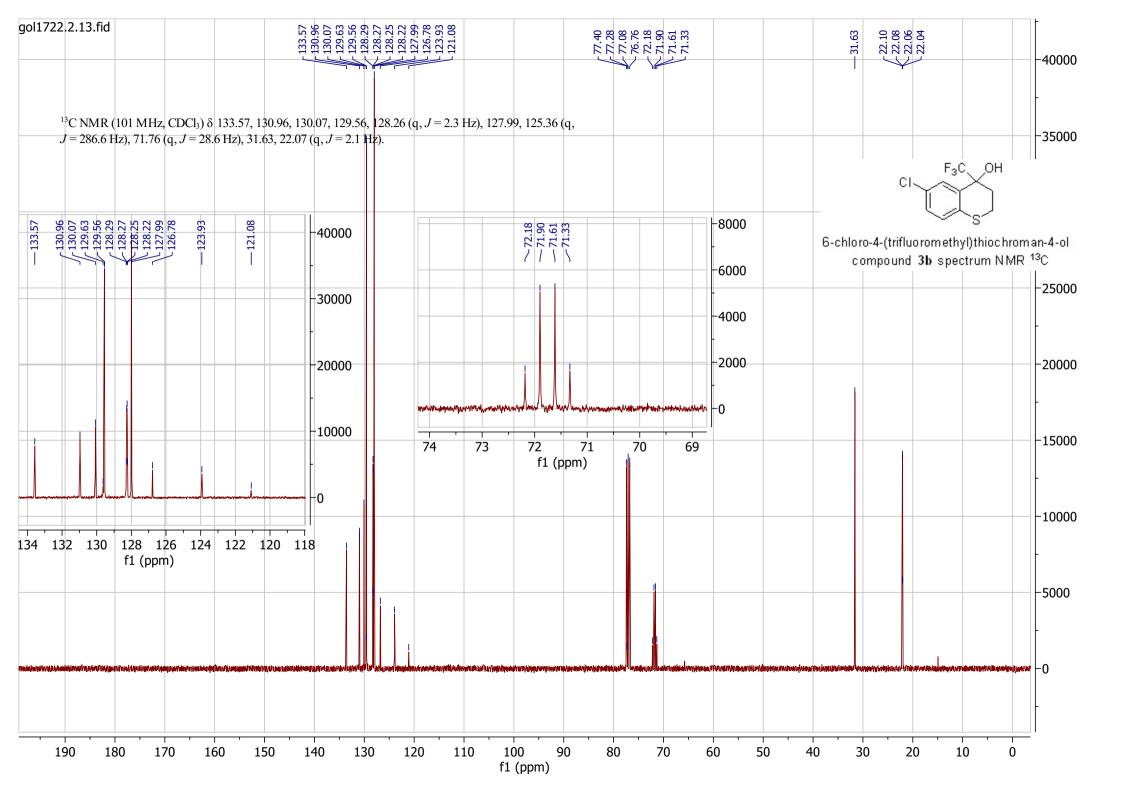
^a Nesmeyanov Institute of Organoelement Compounds, Russian Academy of Sciences,
ul. Vavilova 28, str. 1, Moscow, 119334 Russia
^b Zelinsky Institute of Organic Chemistry, Russian Academy of Sciences,
Leninskii pr. 47, Moscow, 119991 Russia

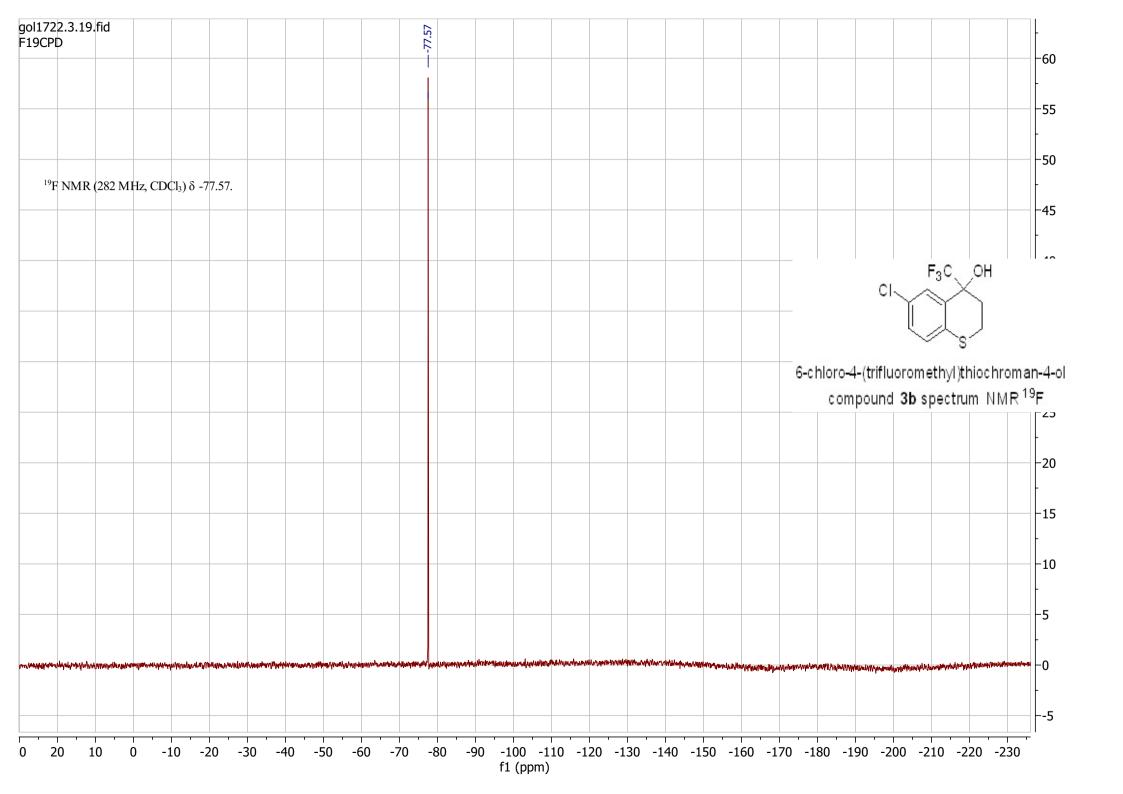


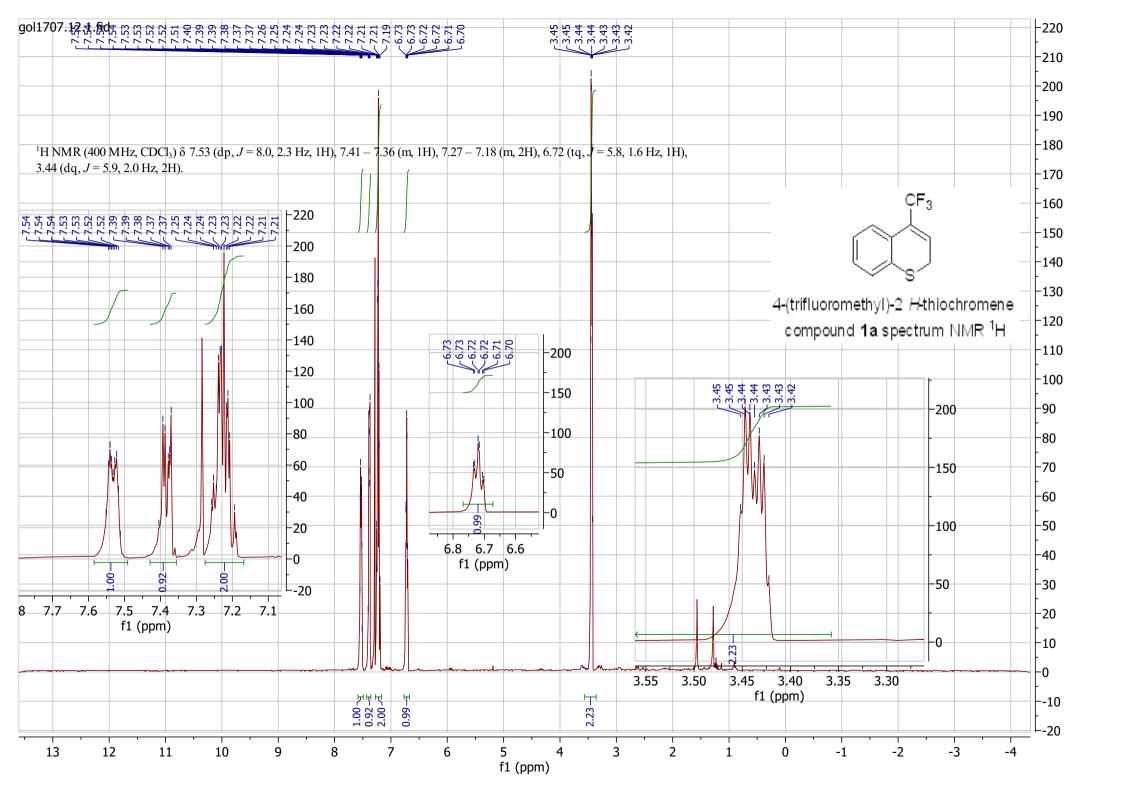


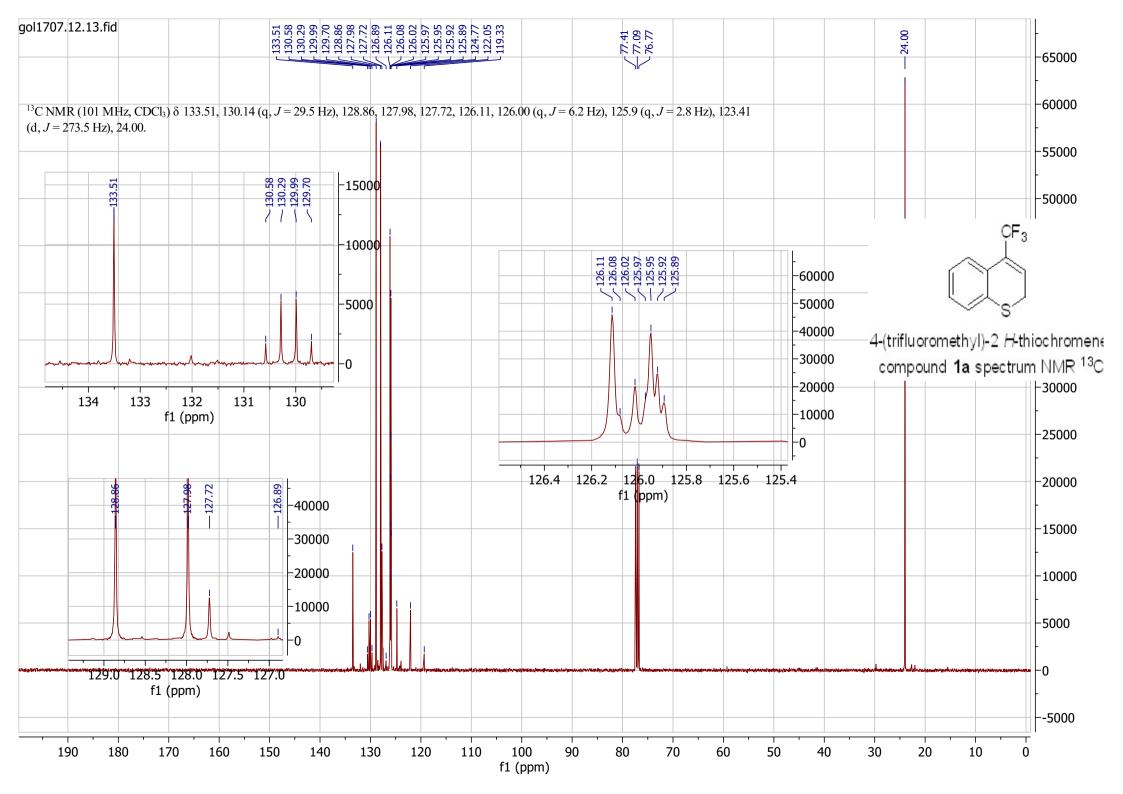


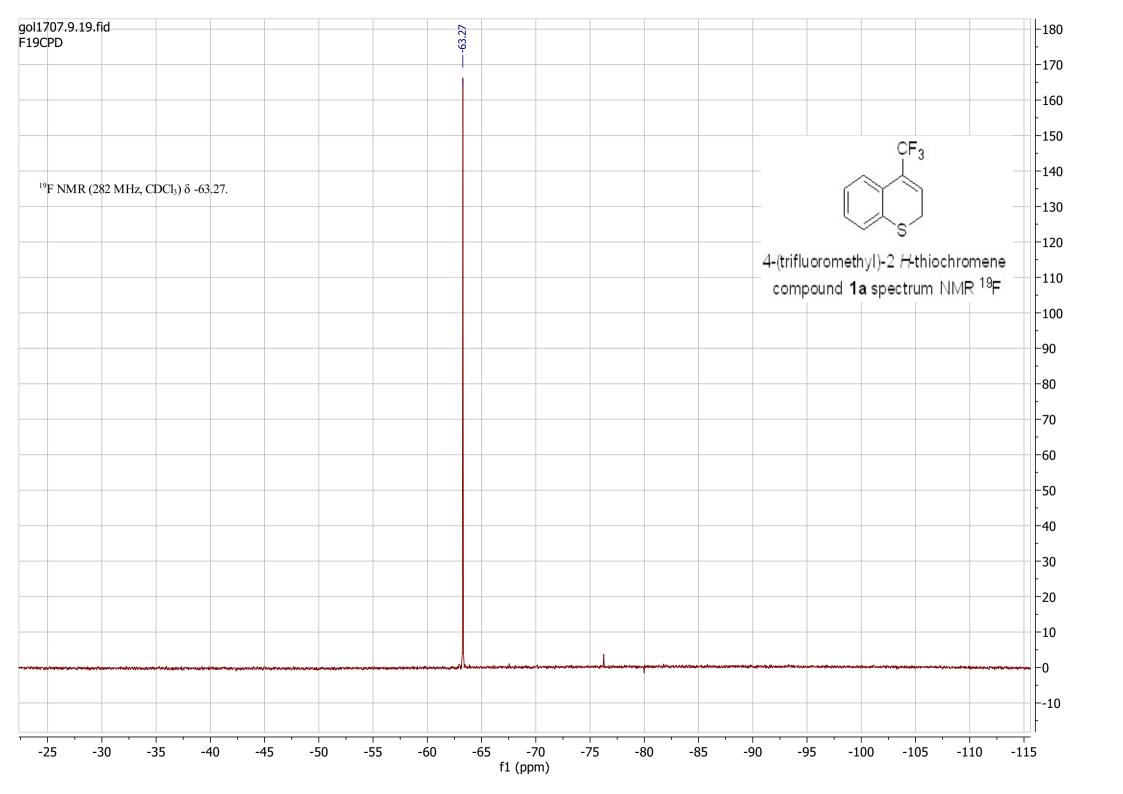


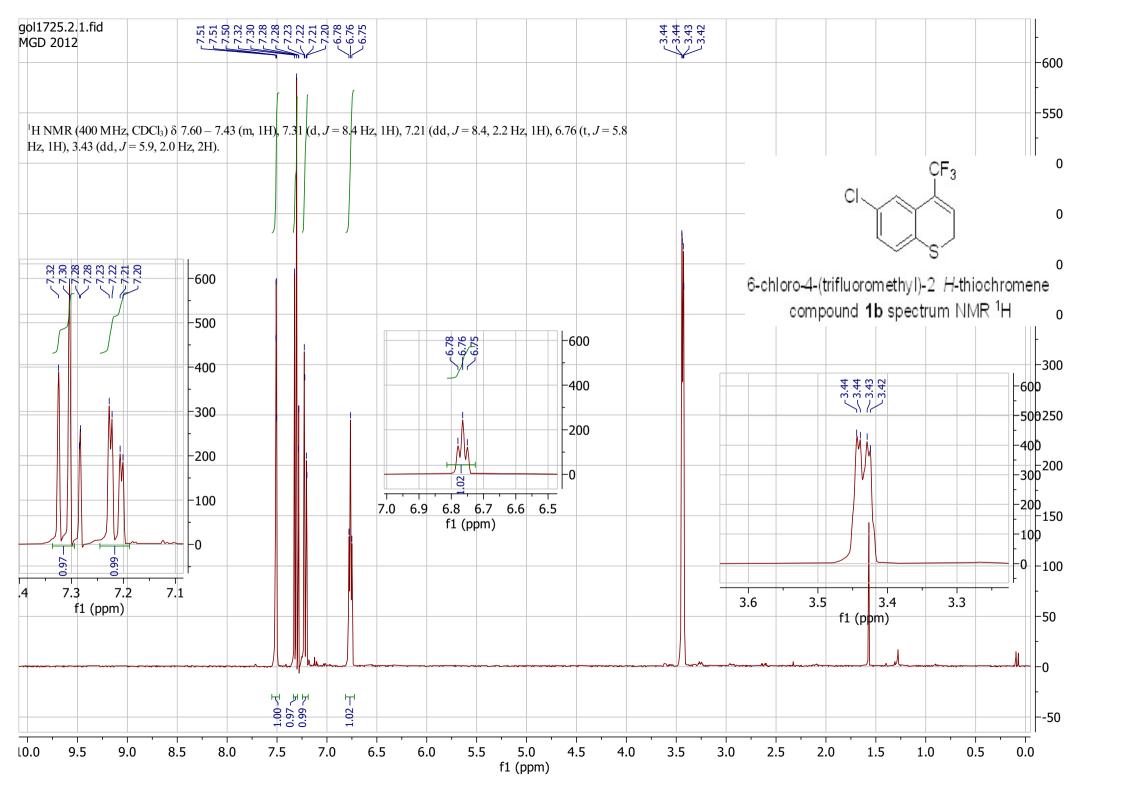


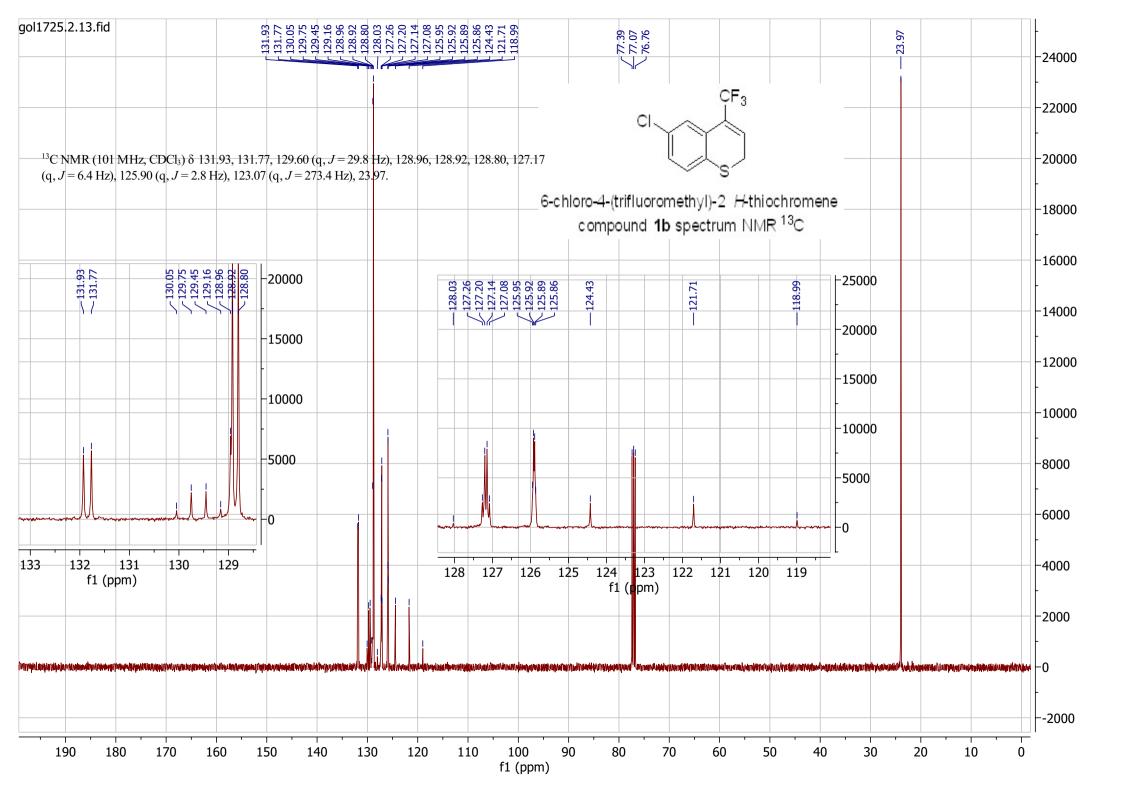


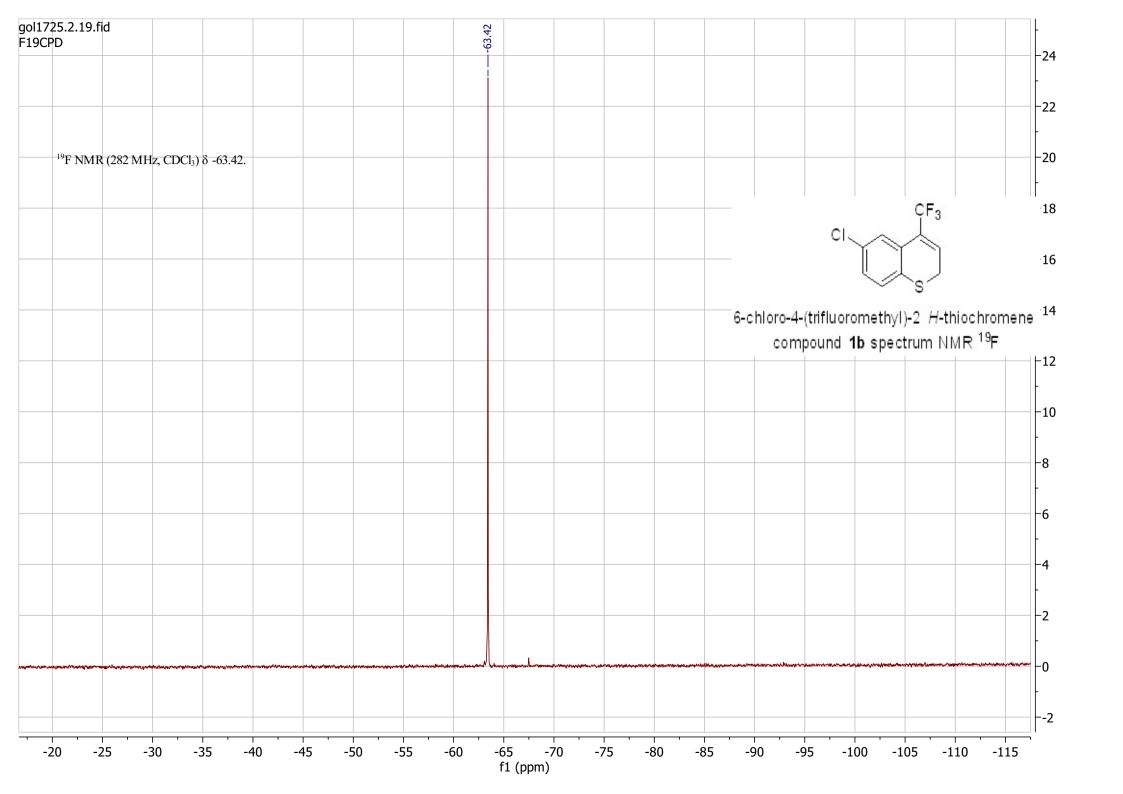


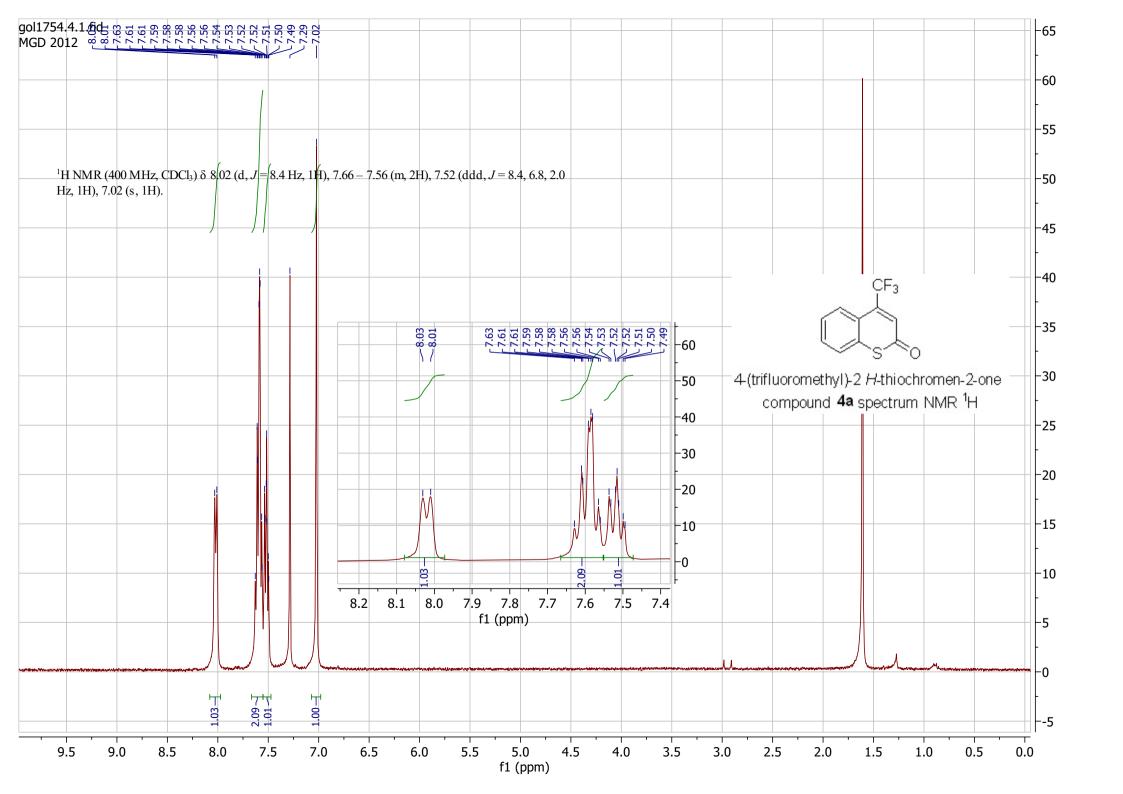


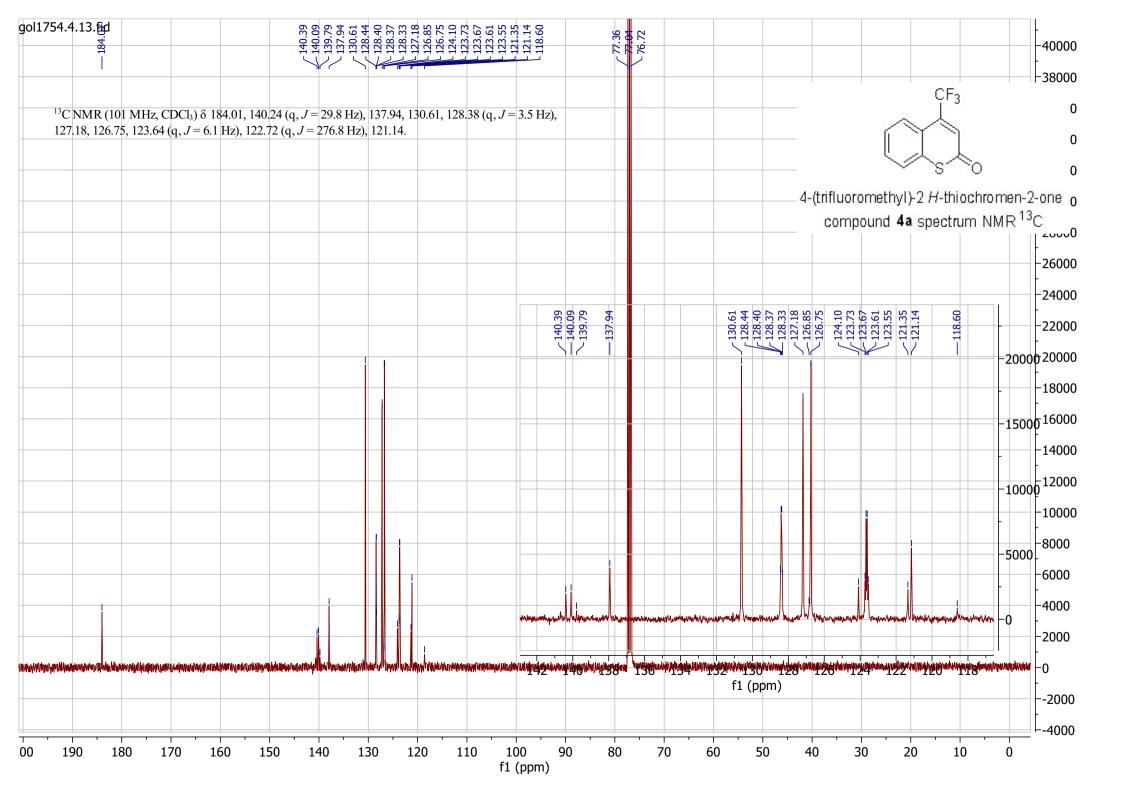


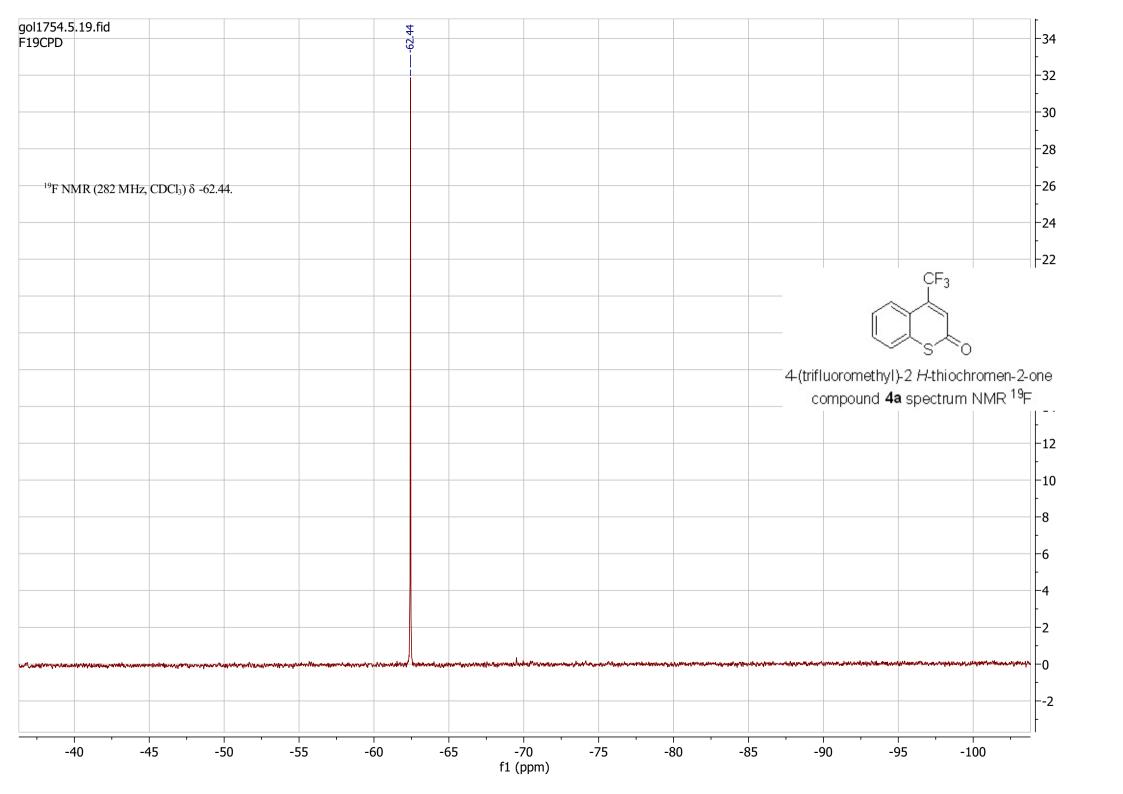


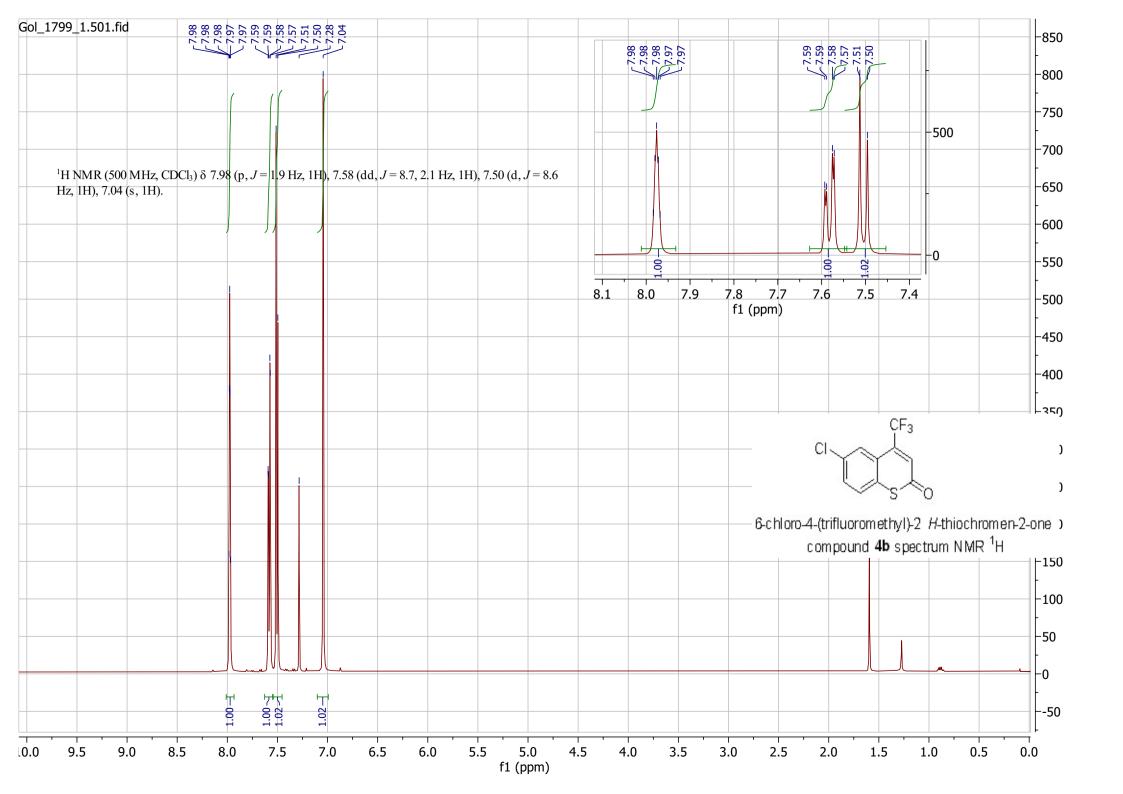


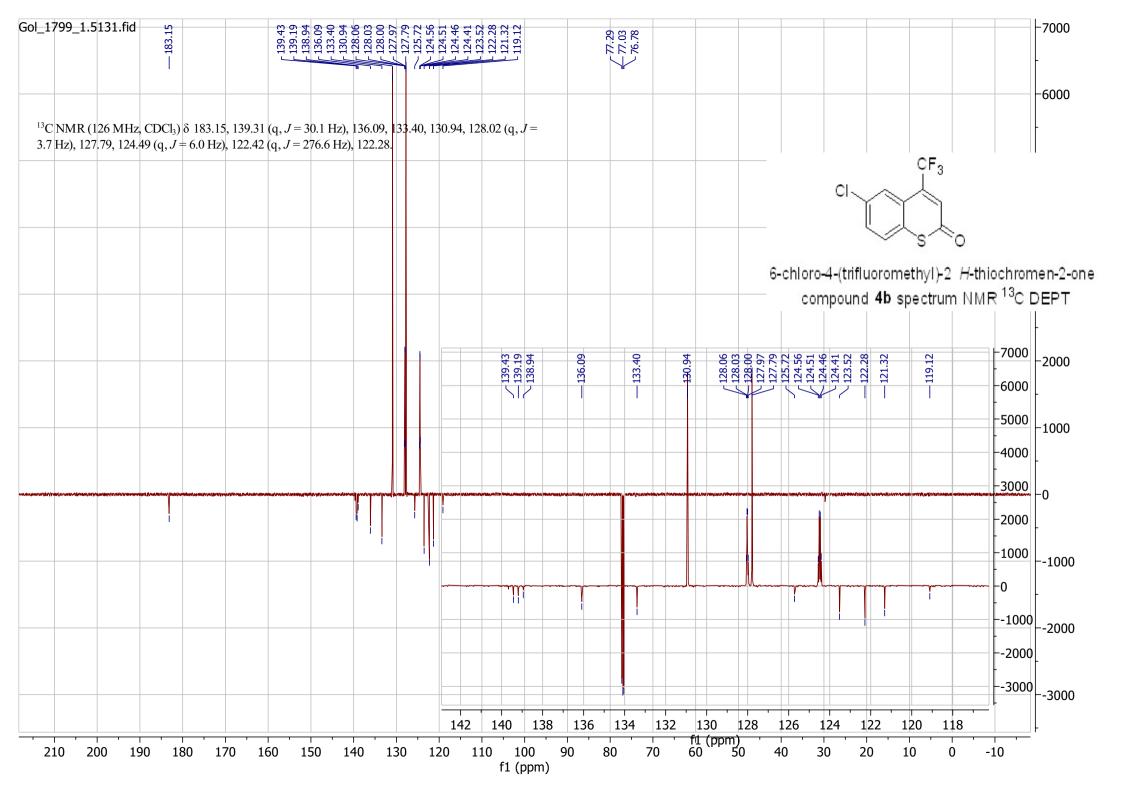


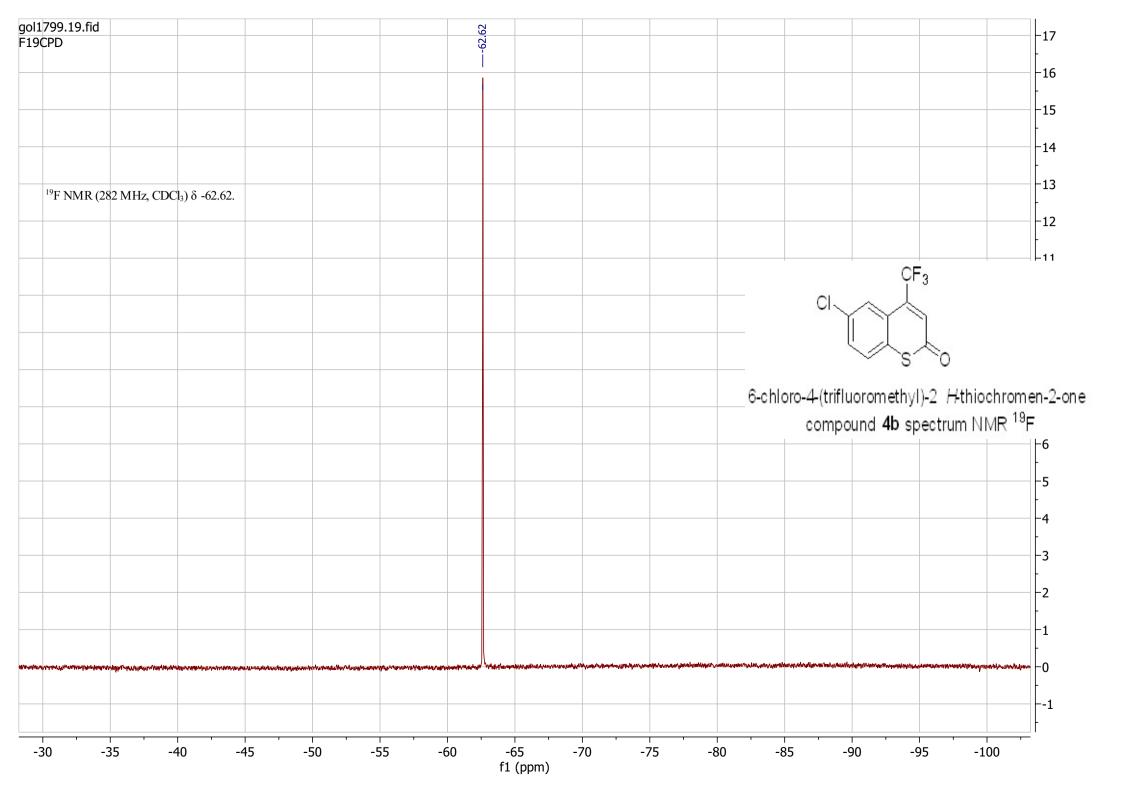


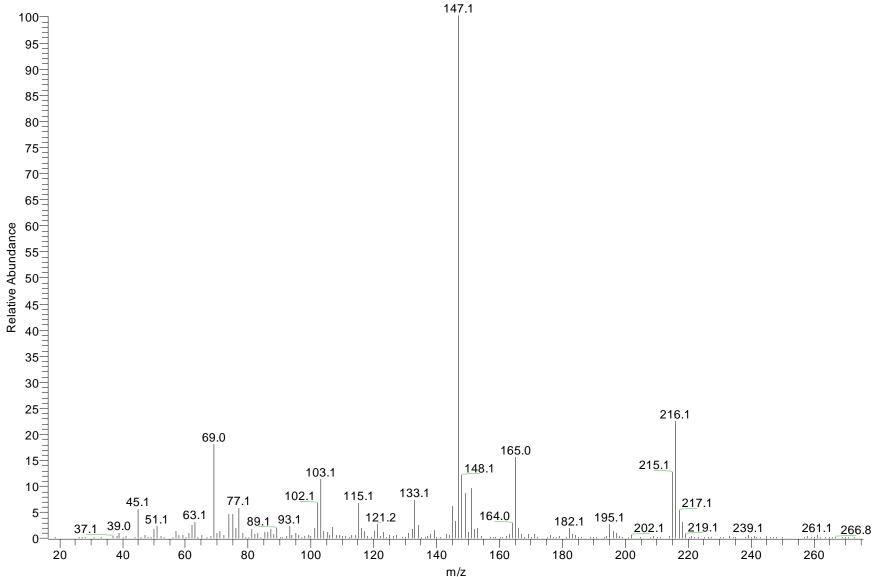




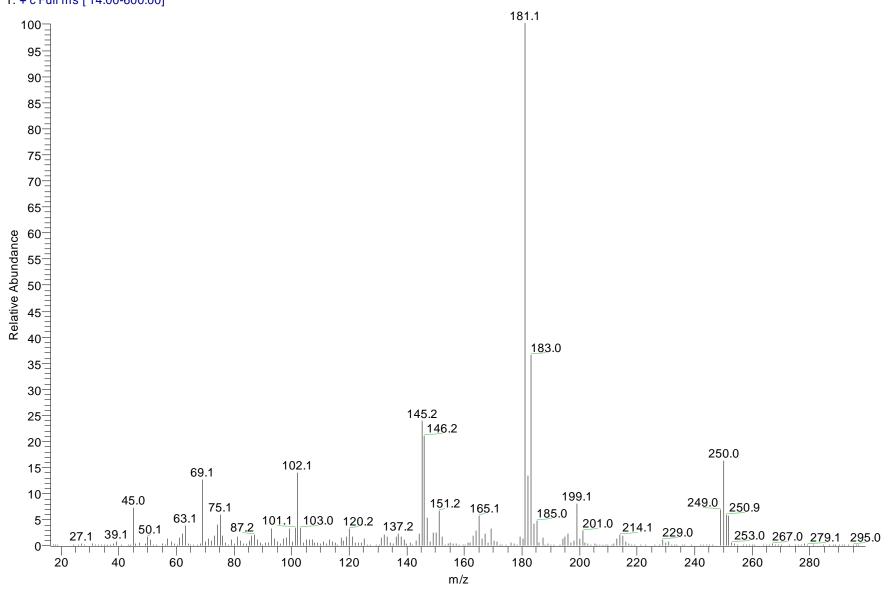




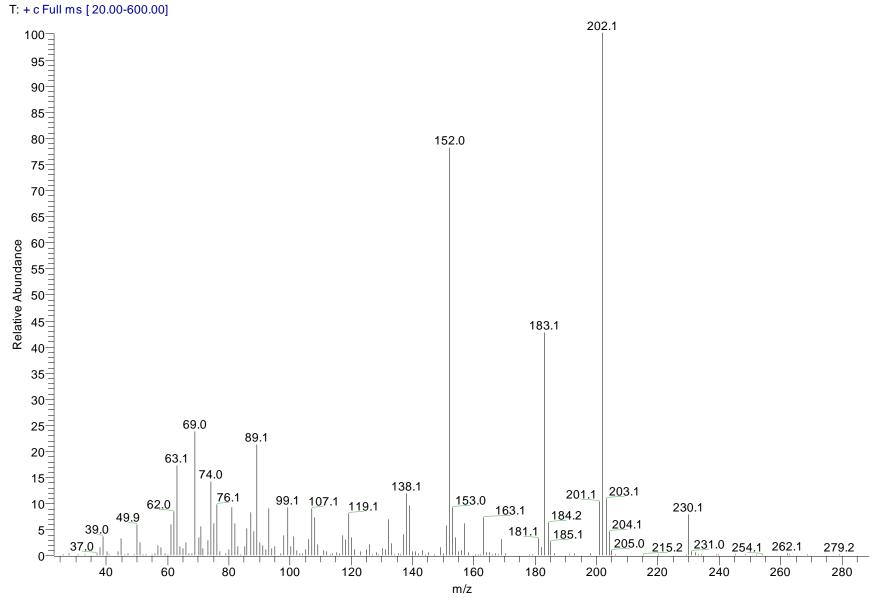




Mass-spectrum of compounds 4-(trifluoromethyl)-2*H*-thiochromene **1a**

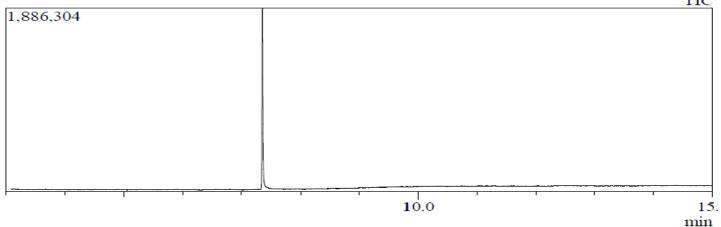


Mass-spectrum of compounds 6-chloro-4-(trifluoromethyl)-2*H*-thiochromene **1b**



Mass-spectrum of compounds 4-(trifluoromethyl)-2*H*-thiochromen-2-one **4a**



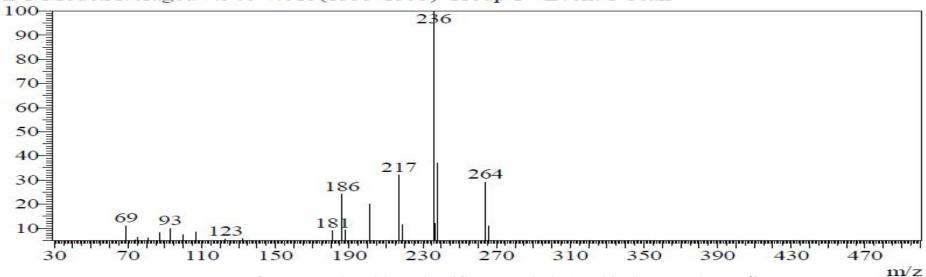


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MassPeaks:416

RawMode:Single 7.360(1279) BasePeak:236(340943)

BG Mode: Averaged 7.540-7.613(1333-1355) Group 1 - Event 1 Scan



Mass-spectrum of compound 6-chloro-4-(trifluoromethyl)-2*H*-thiochromen-2-one **4b**