

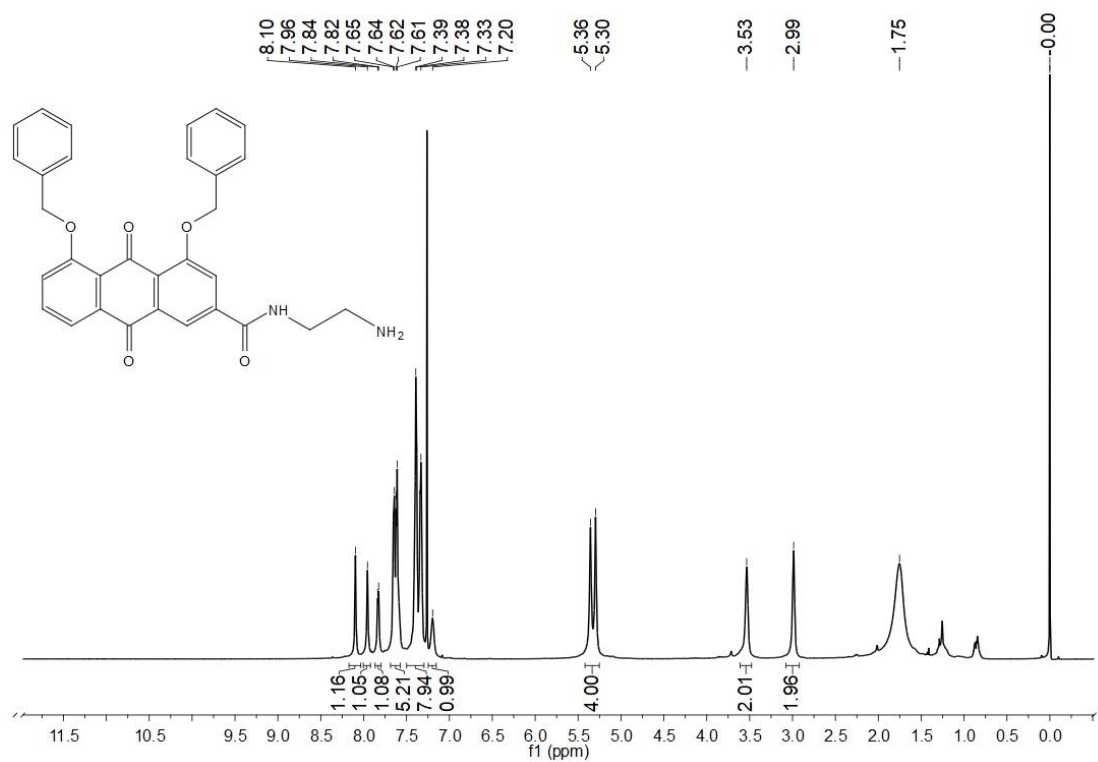
Support information

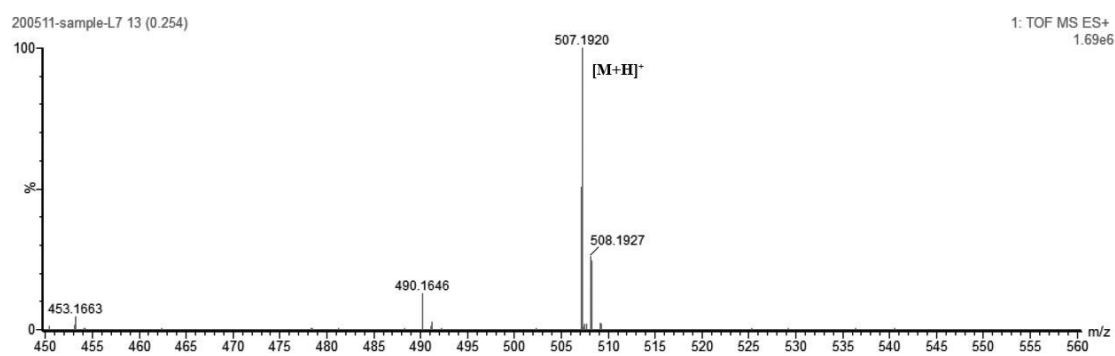
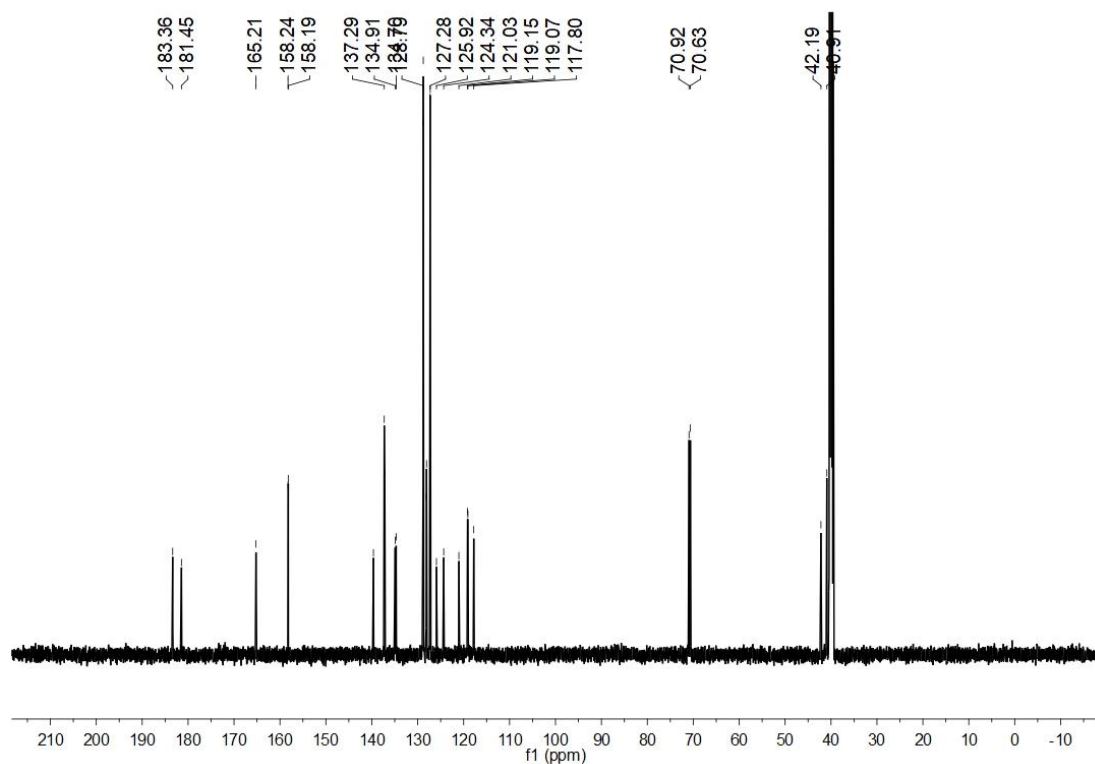
Novel anthraquinone derivatives trigger ER stress response and induce apoptosis

Content:

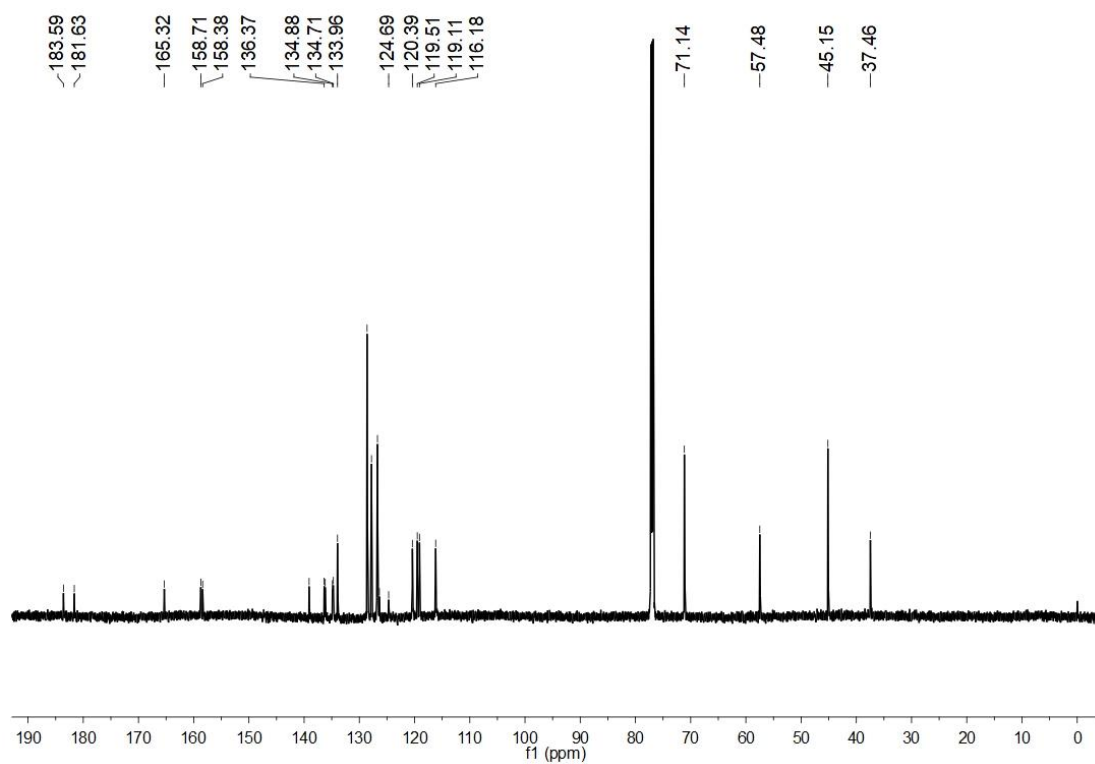
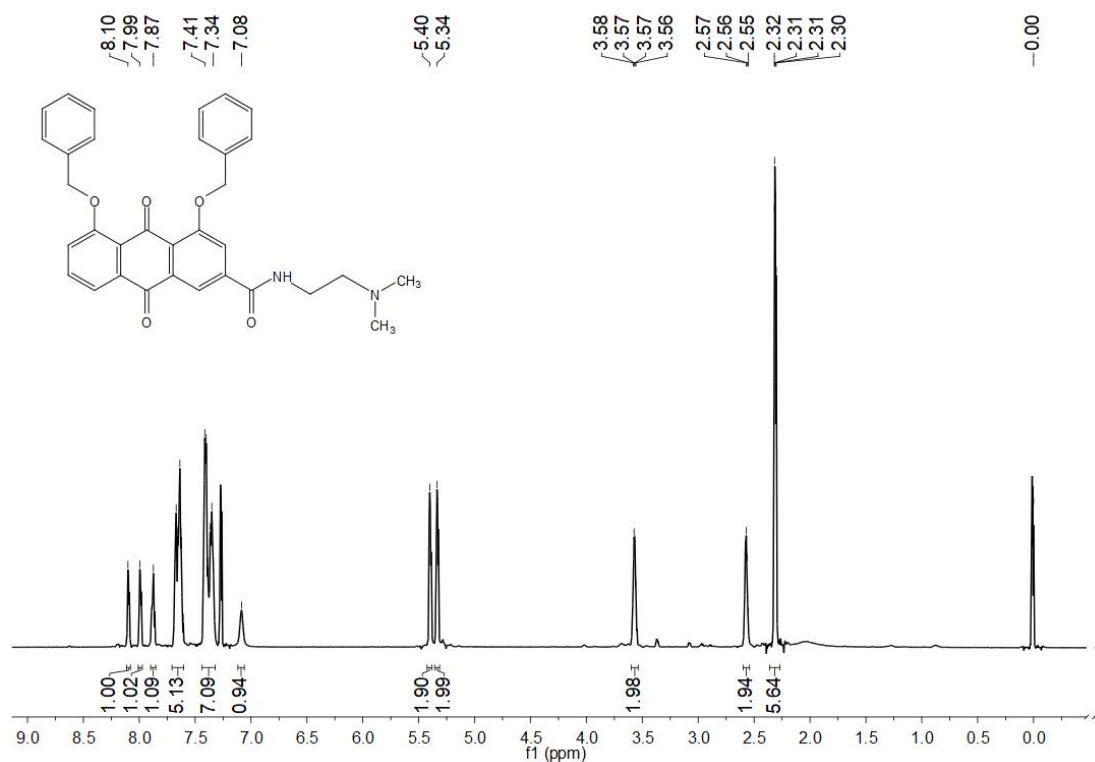
¹H NMR, ¹³C NMR and HRMS

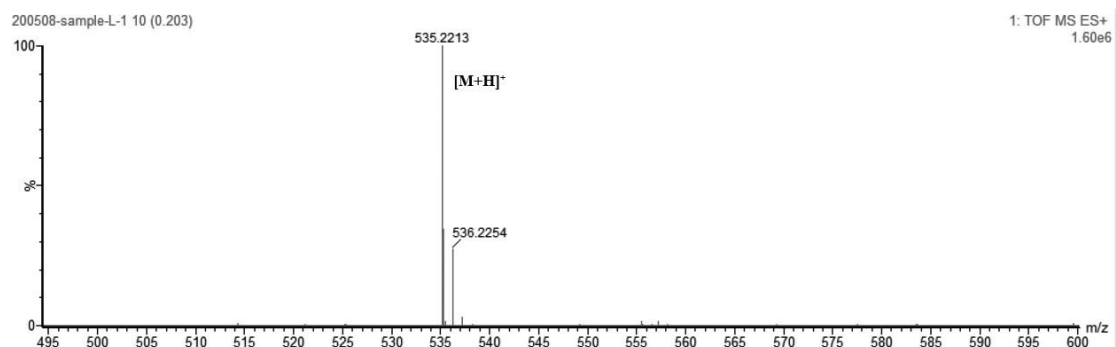
1,8-di(benzyloxy)-9,10-anthraquinone-N-(2-aminoethyl)-3-carboxamide (KA-4a)



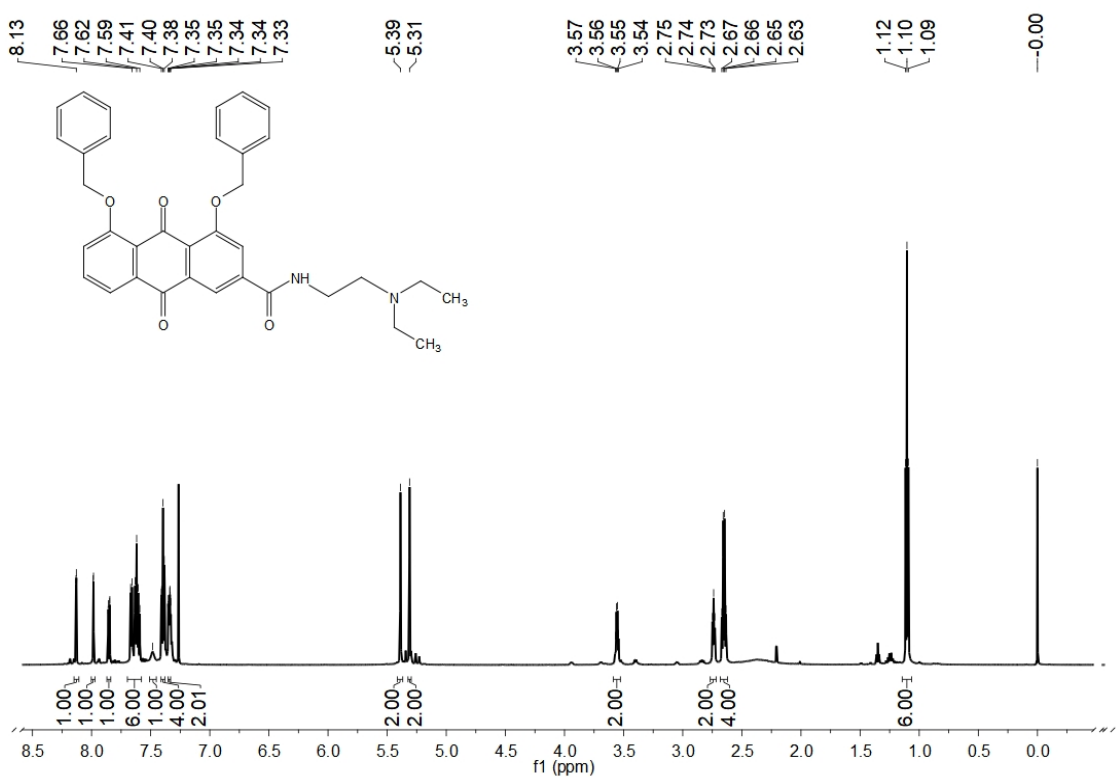


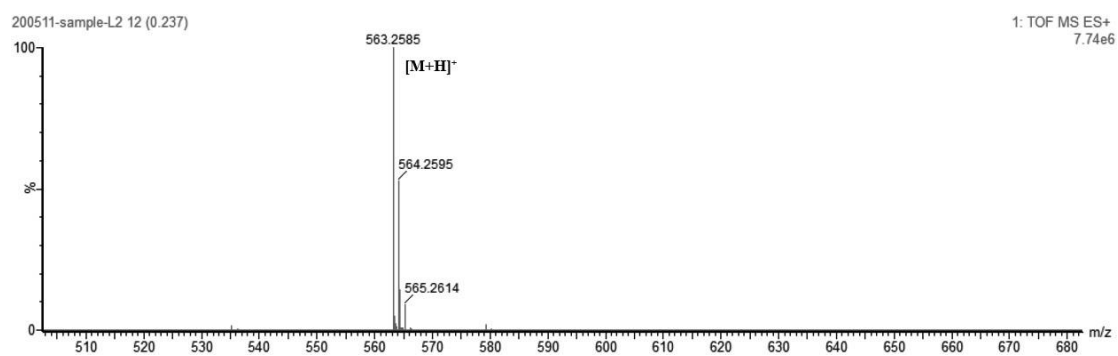
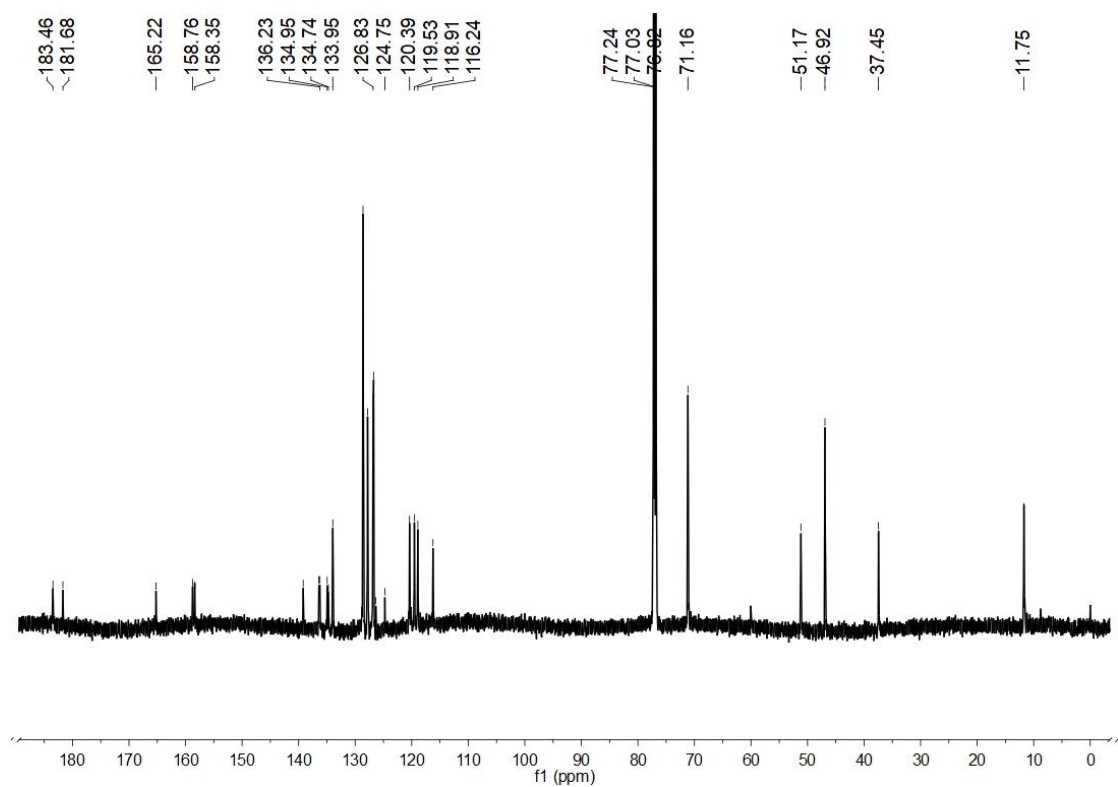
1,8-di(benzyloxy)-9,10-anthraquinone-N-(2-(dimethylamino)ethyl)-3-carboxamide (KA-4b)



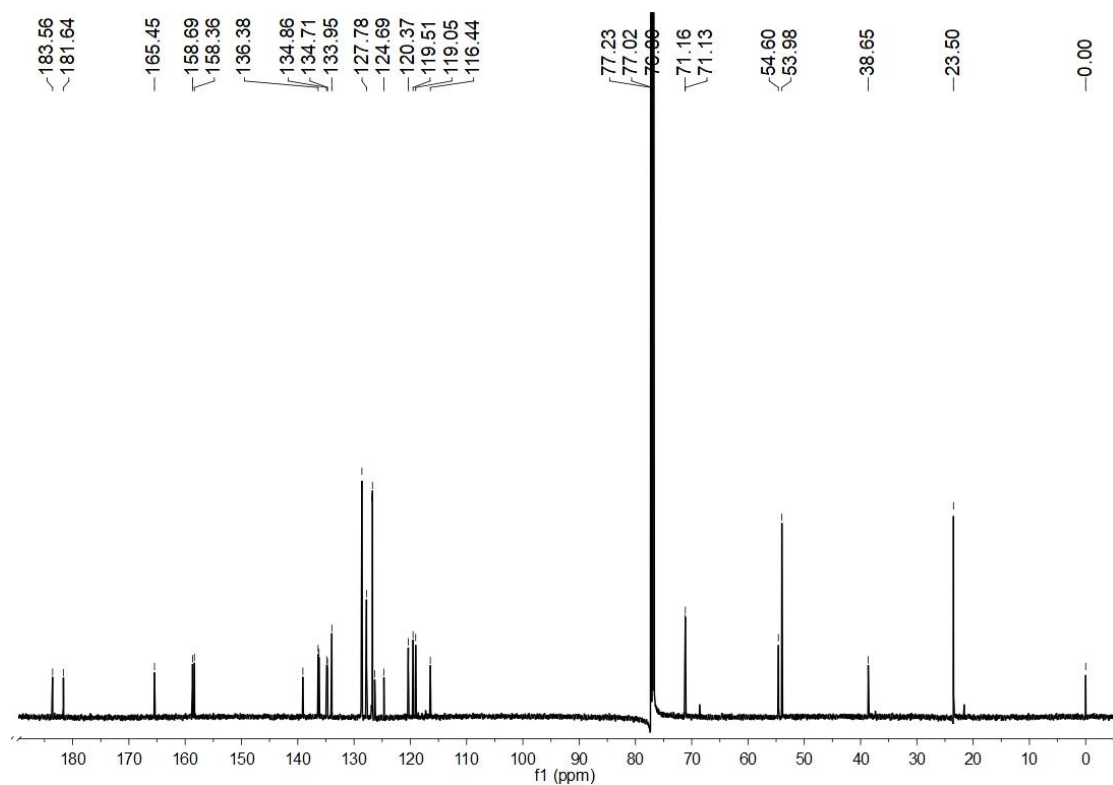
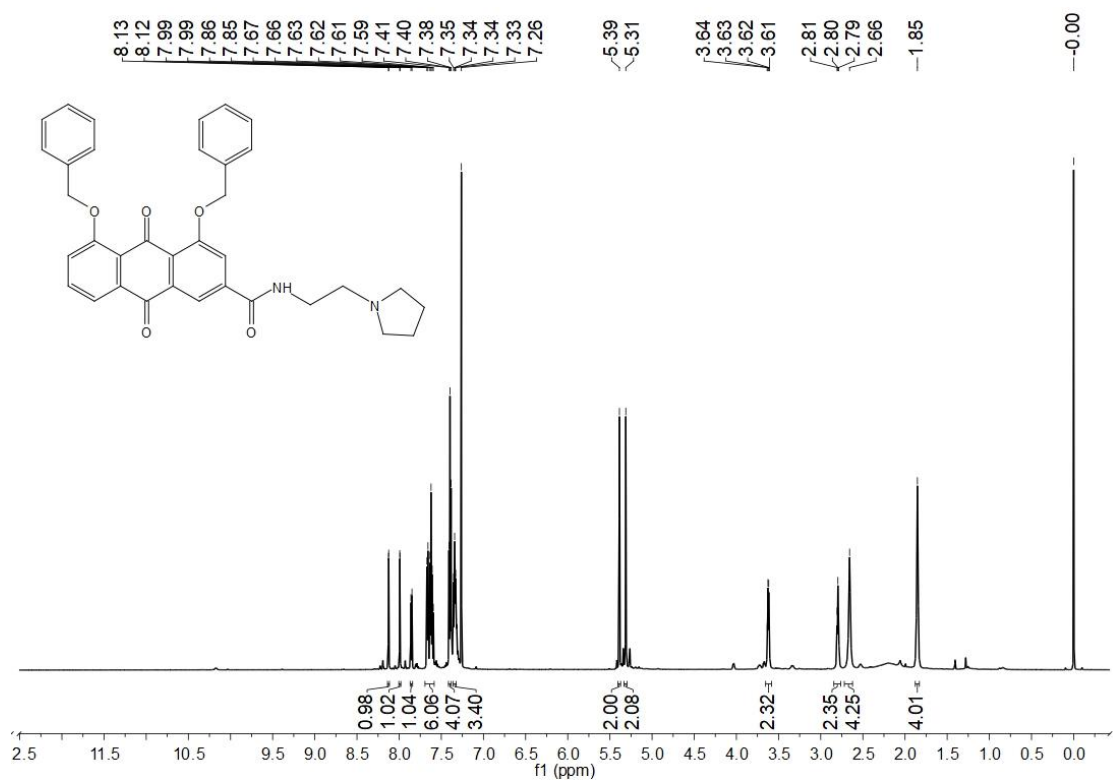


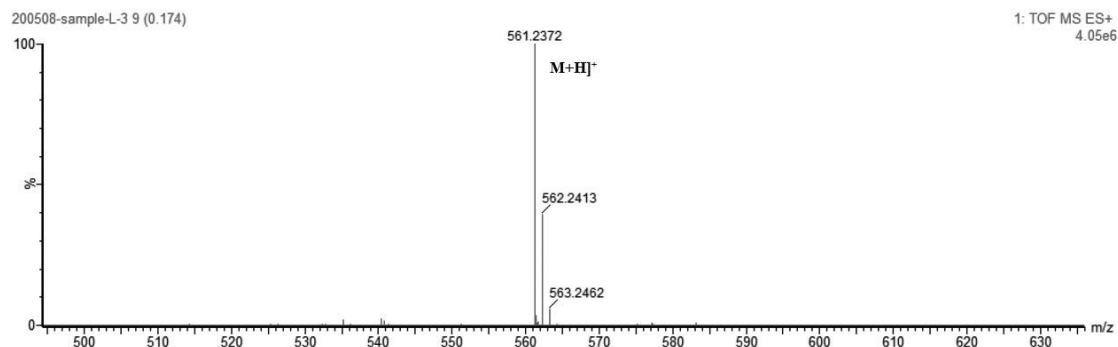
1,8-di(benzyloxy)-9,10-anthraquinone-N-(2-(diethylamino)ethyl)-3-carboxamide (KA-4c)



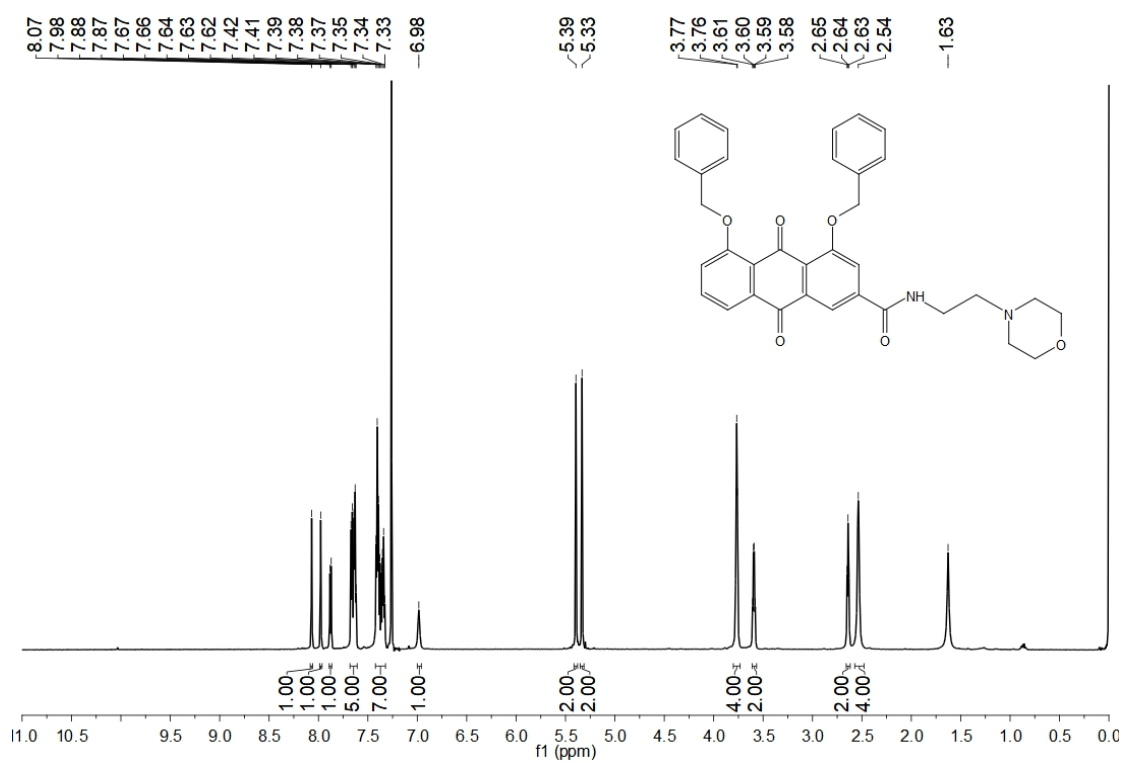


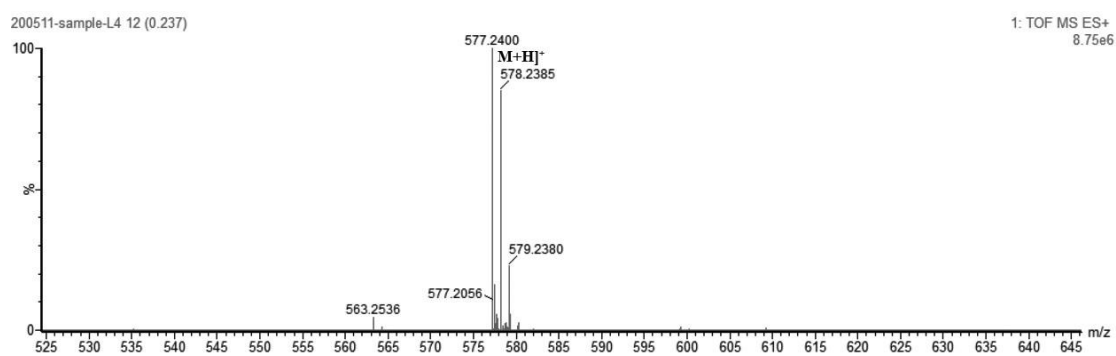
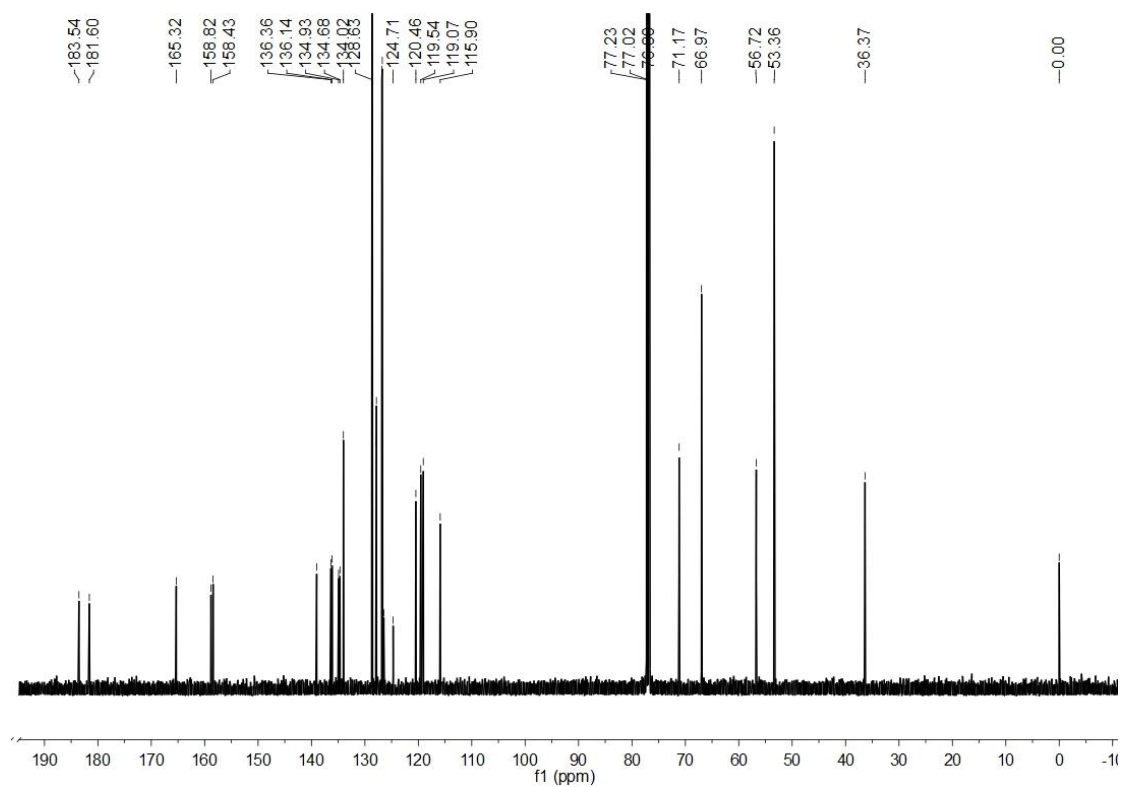
1,8-di(benzyloxy)-9,10-anthraquinone-N-(2-(pyrrolidin-1-yl)ethyl)-3-carboxamide (KA-4d)



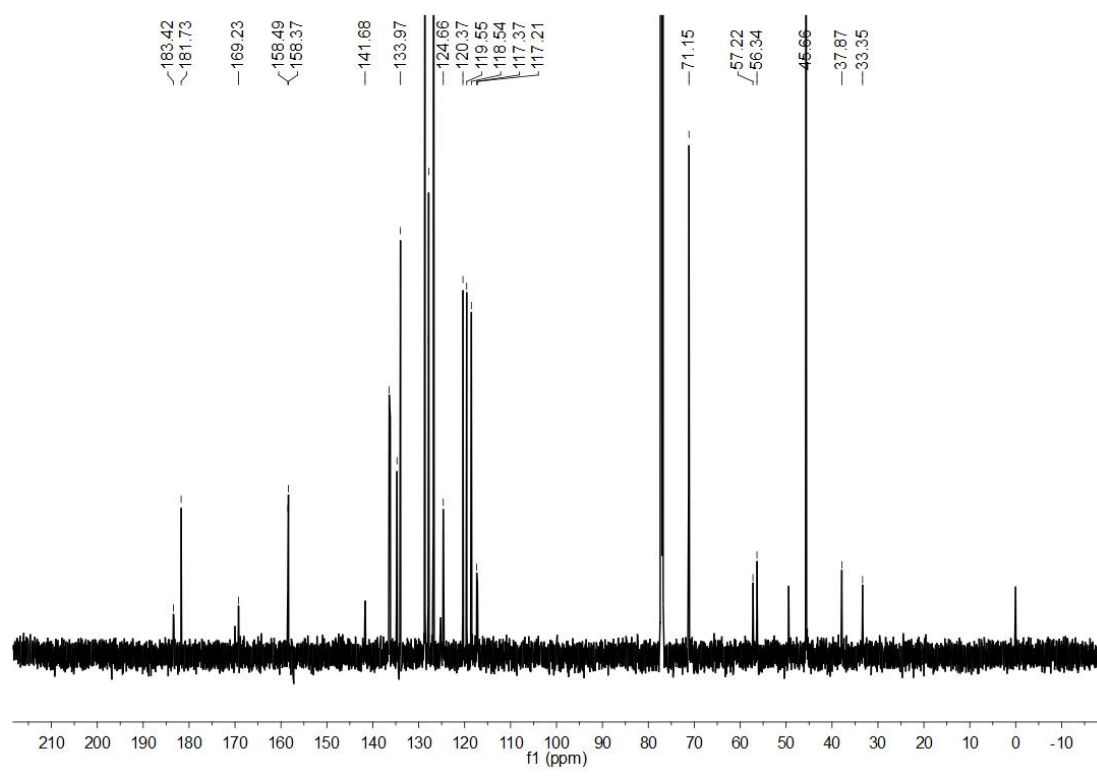
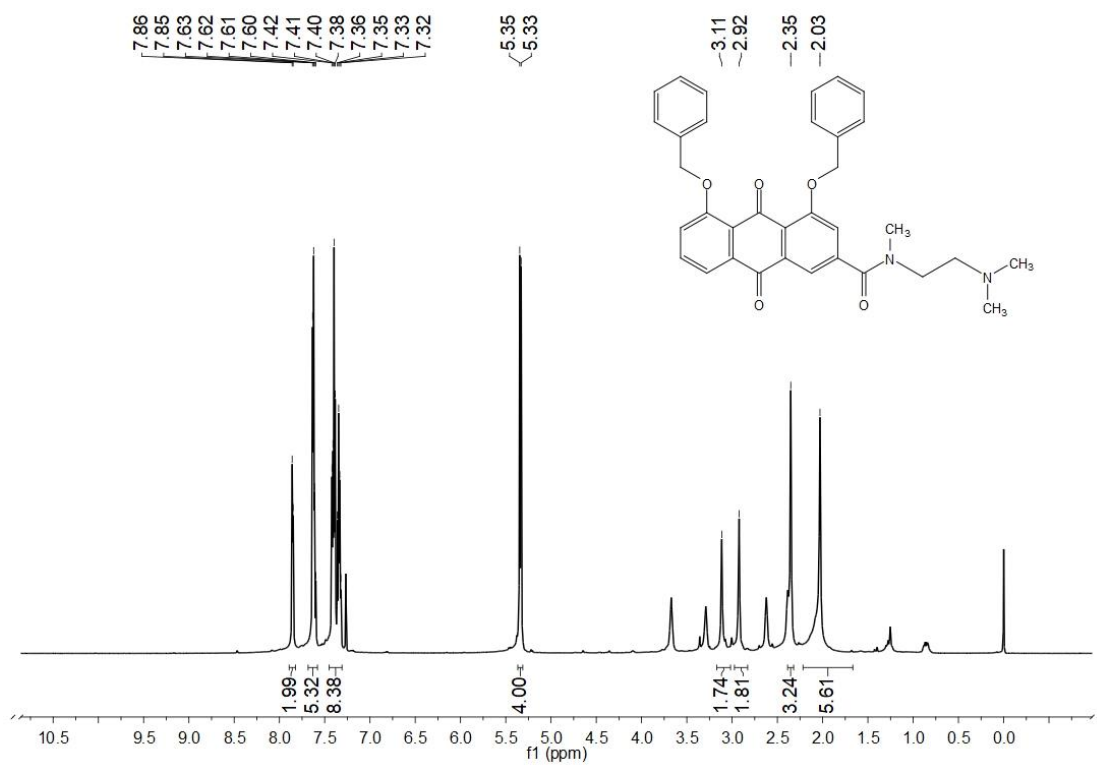


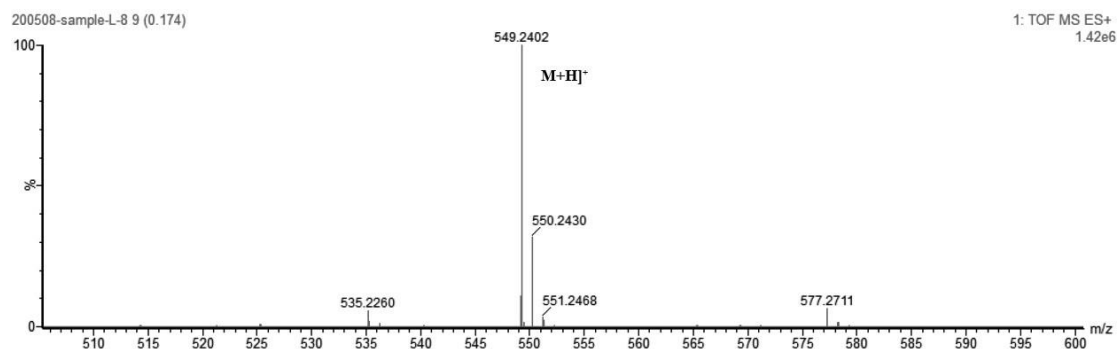
1,8-di(benzyloxy)-9,10-anthraquinone-N-(2-morpholinoethyl)-3-carboxamide (KA-4e)



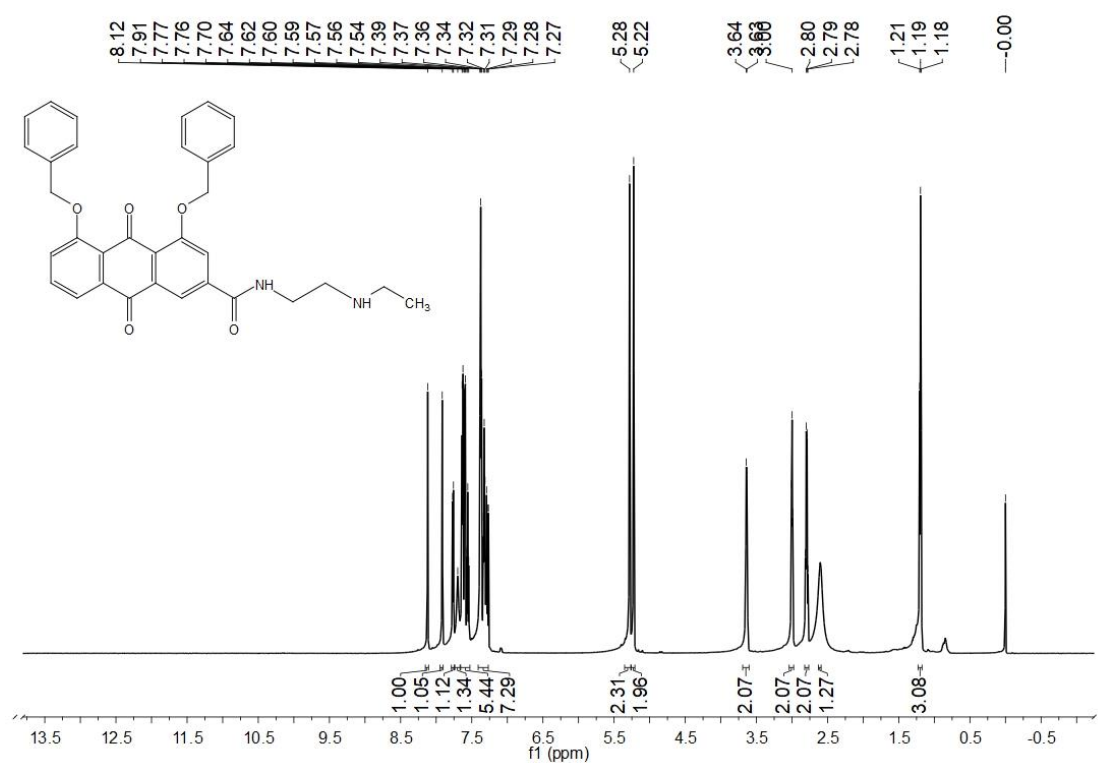


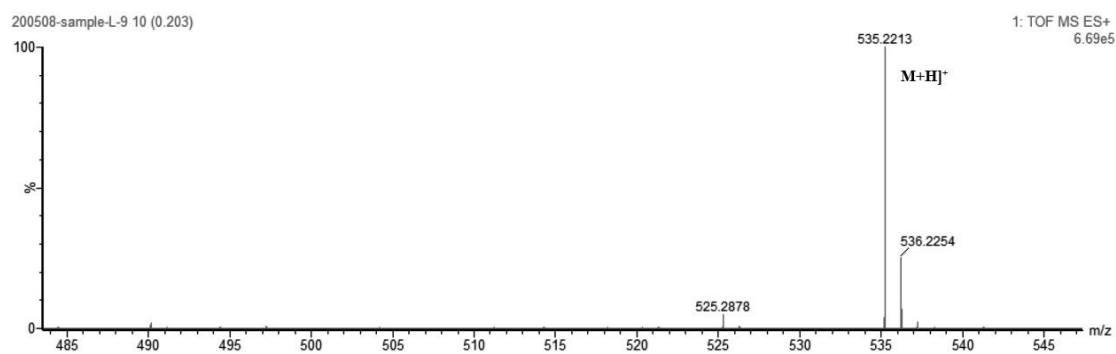
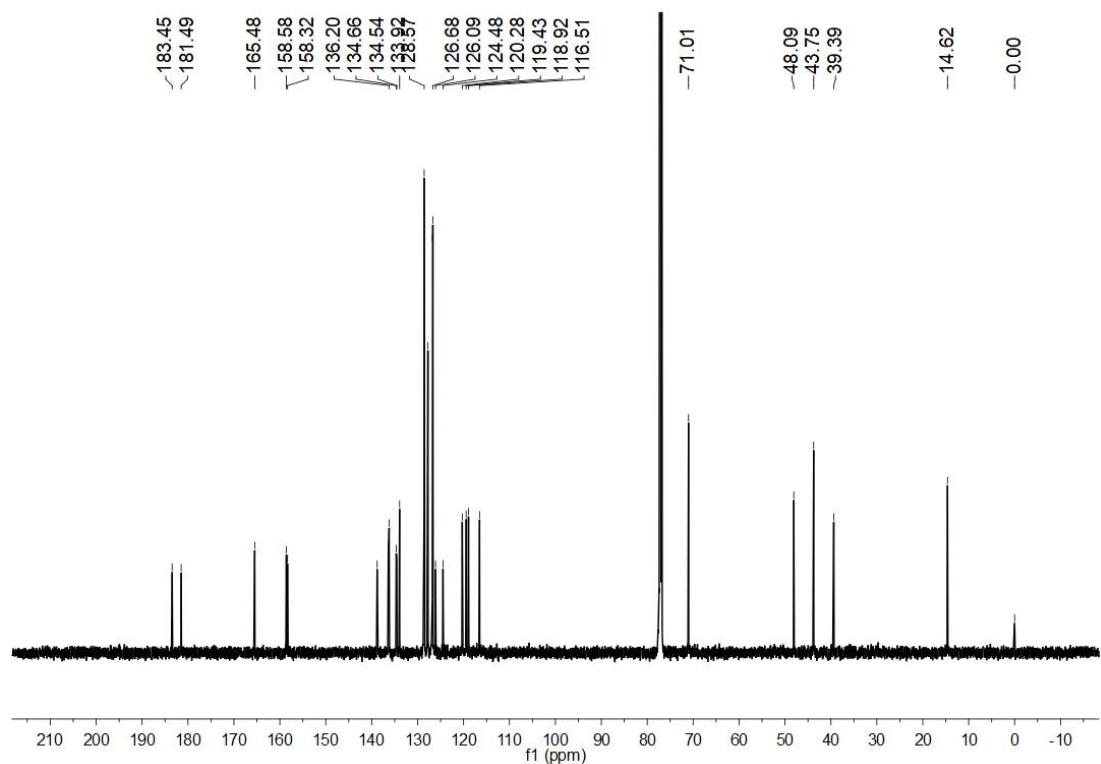
1,8-dibenzoxyl-9,10-anthraquinone-N-methyl-N-[2-(dimethylamide)ethyl]-3-carboxamide(KA-4h)



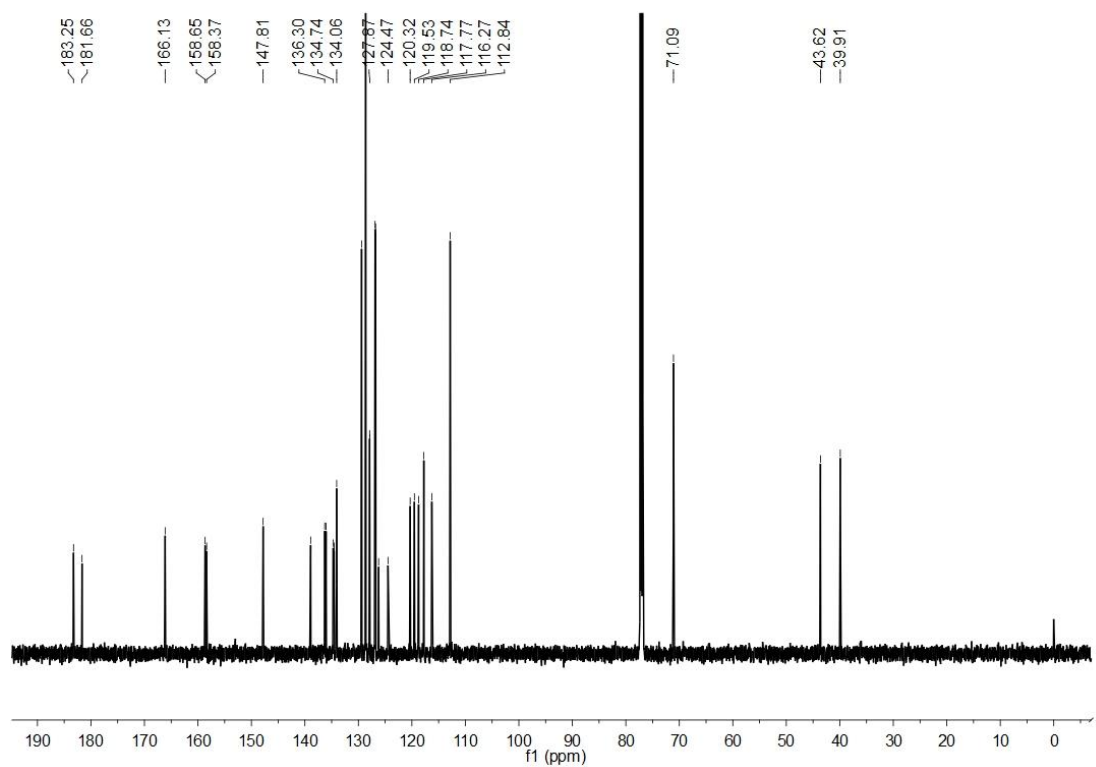
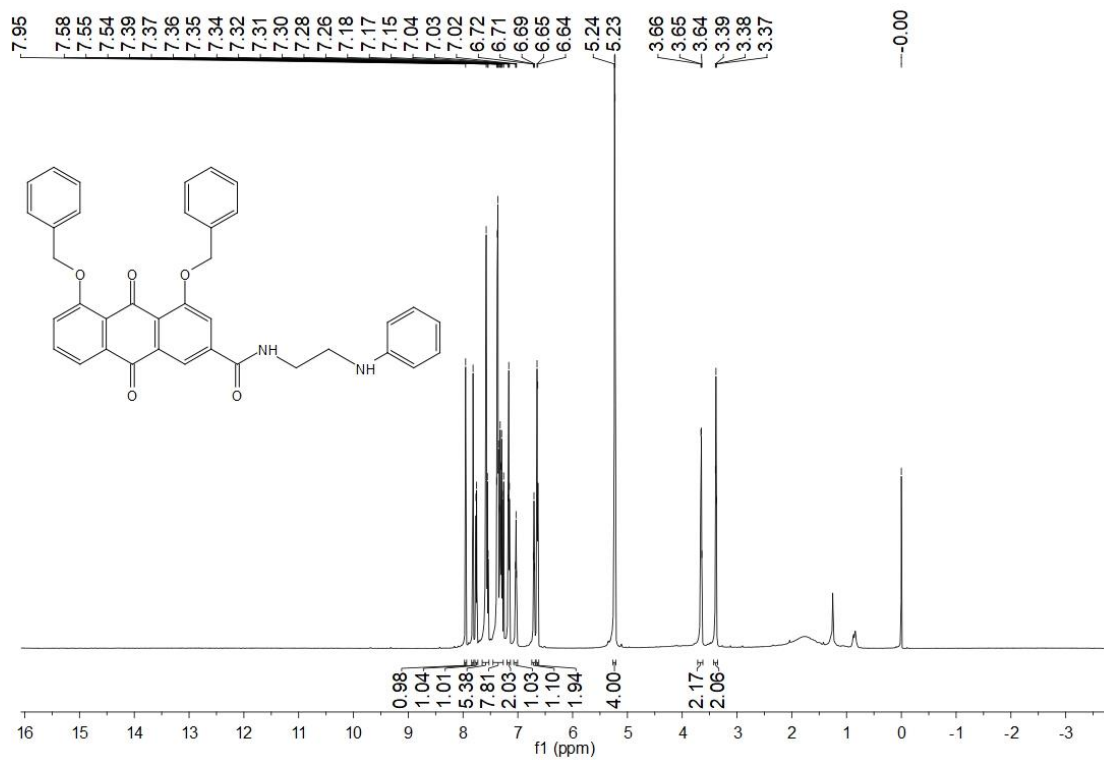


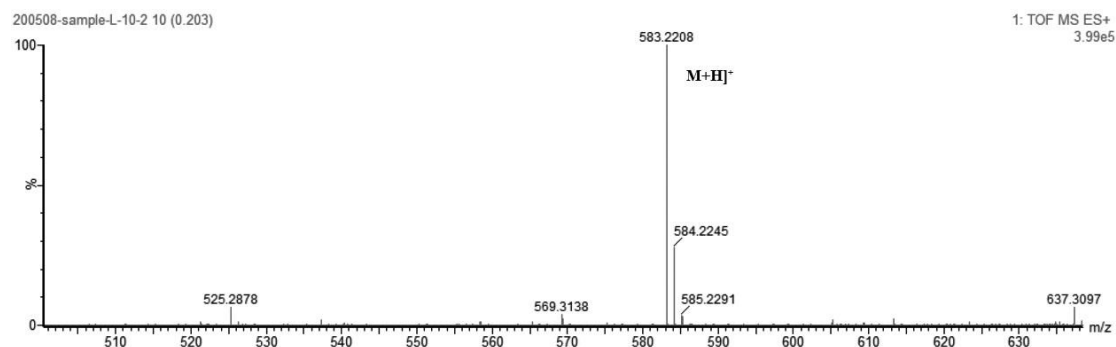
1,8-di(benzyloxy)-9,10-anthraquinone-N-(2-(ethylamino)ethyl)-3-carboxamide (KA-4i)



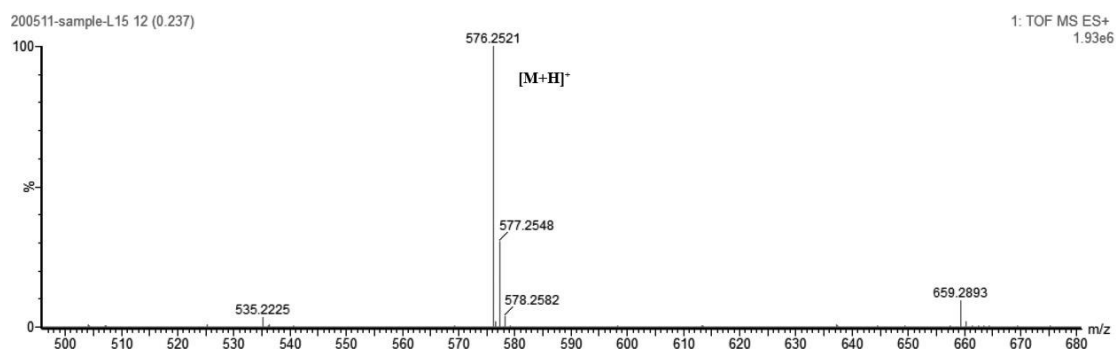
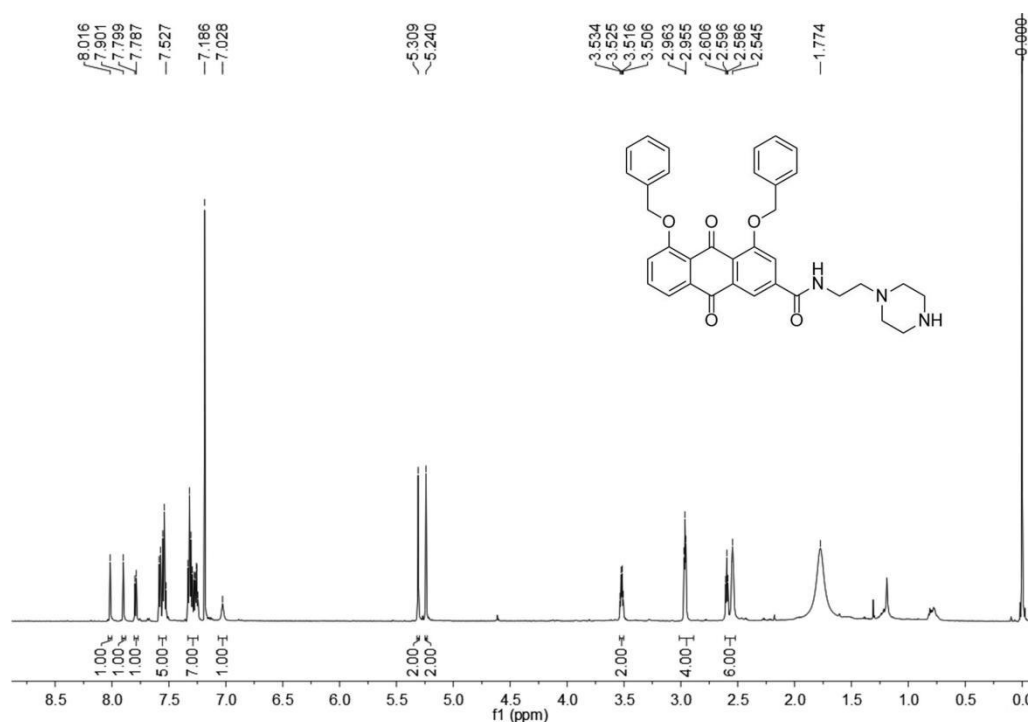


1,8-di(benzyloxy)-9,10-anthraquinone-N-(2-(phenylamino)ethyl)-3-carboxamide (KA-4j)

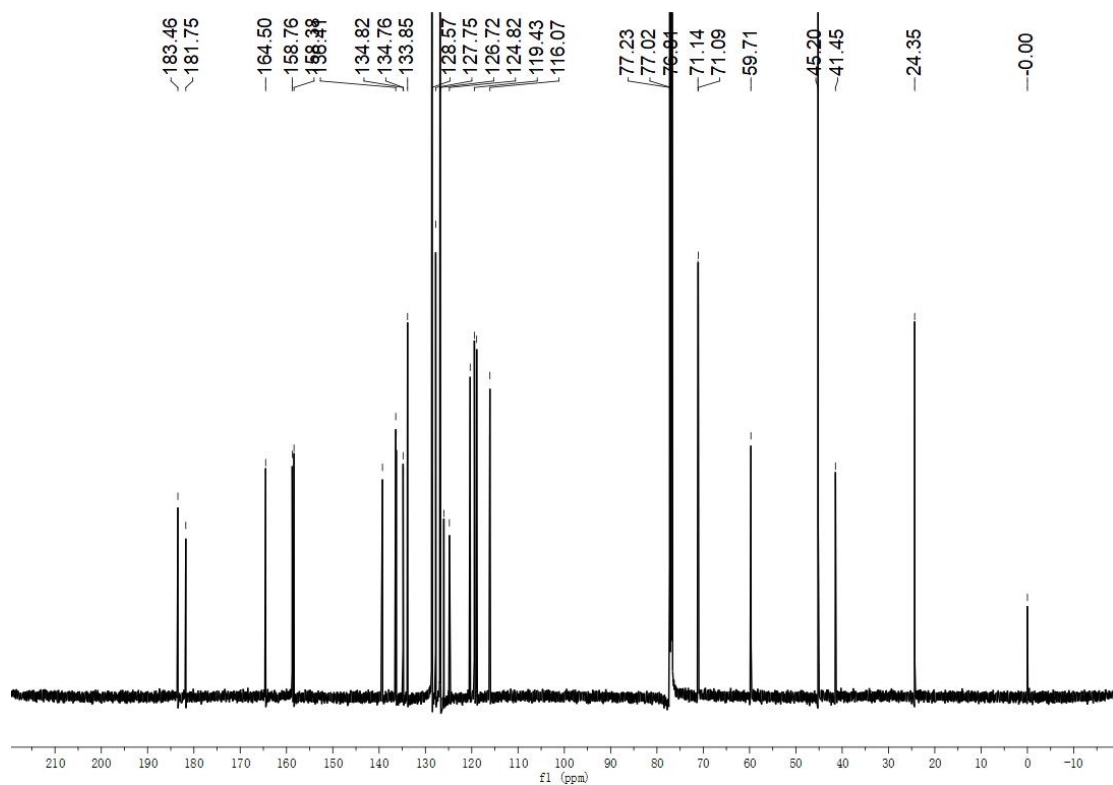
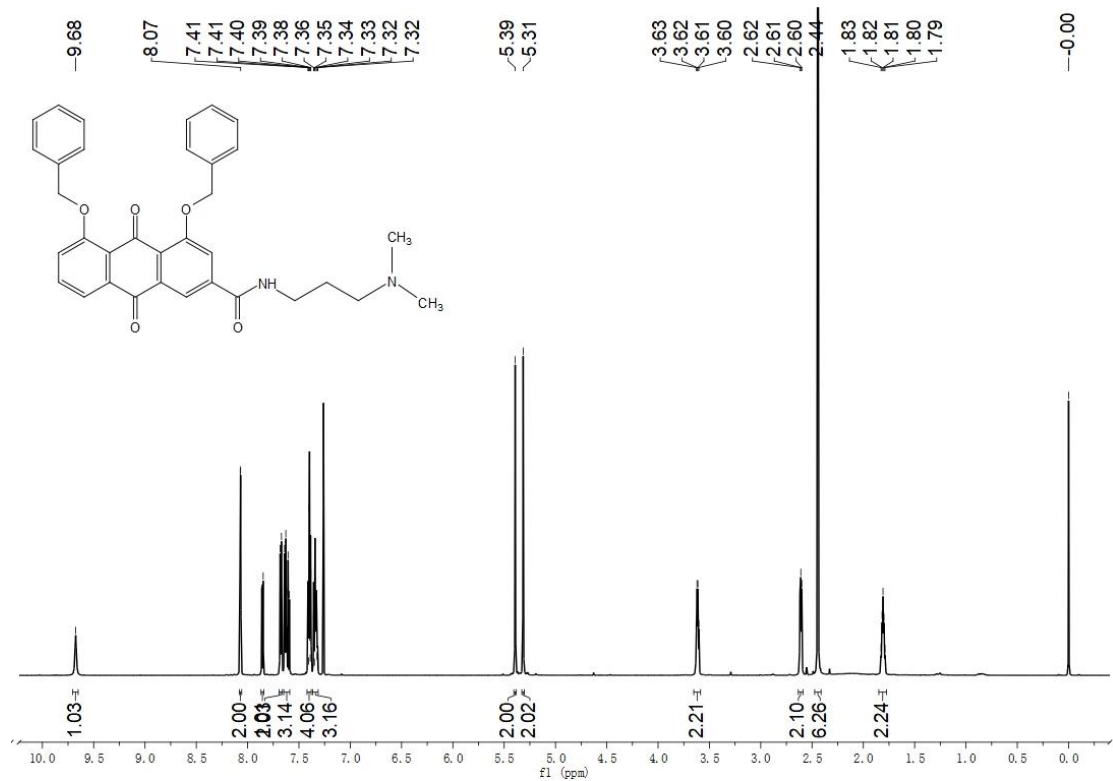


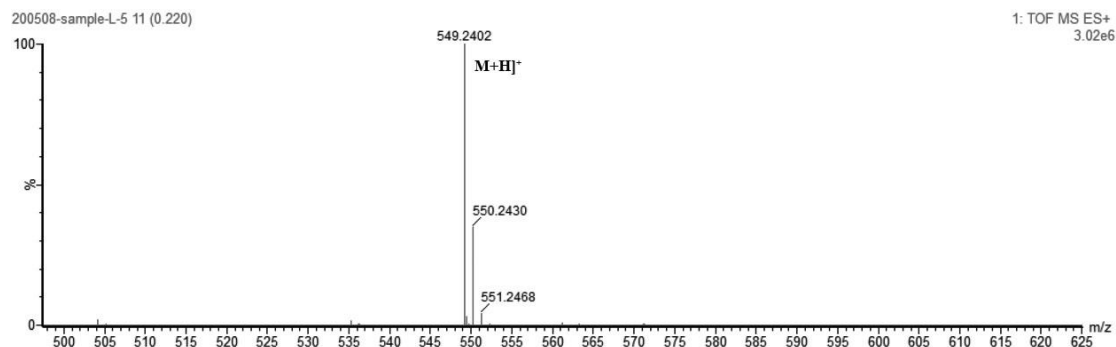


1,8-di(benzyloxy)-9,10-anthraquinone-N-(2-(piperazin-1-yl)ethyl)-3-carboxamide (KA-4k)

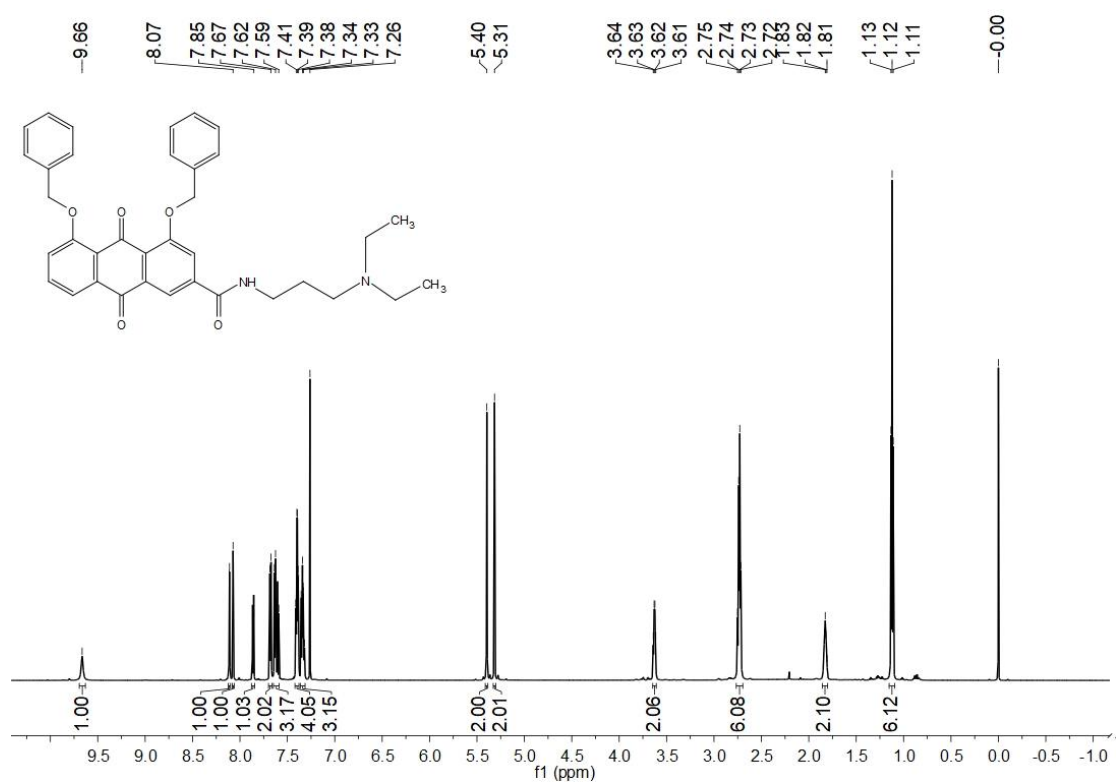


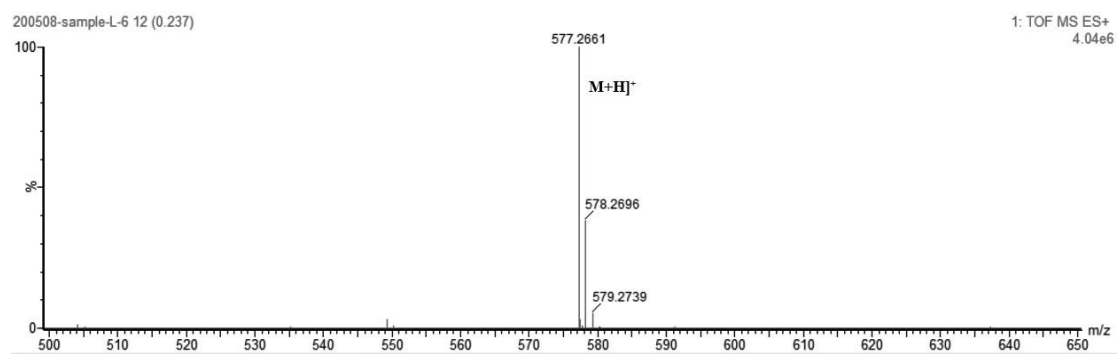
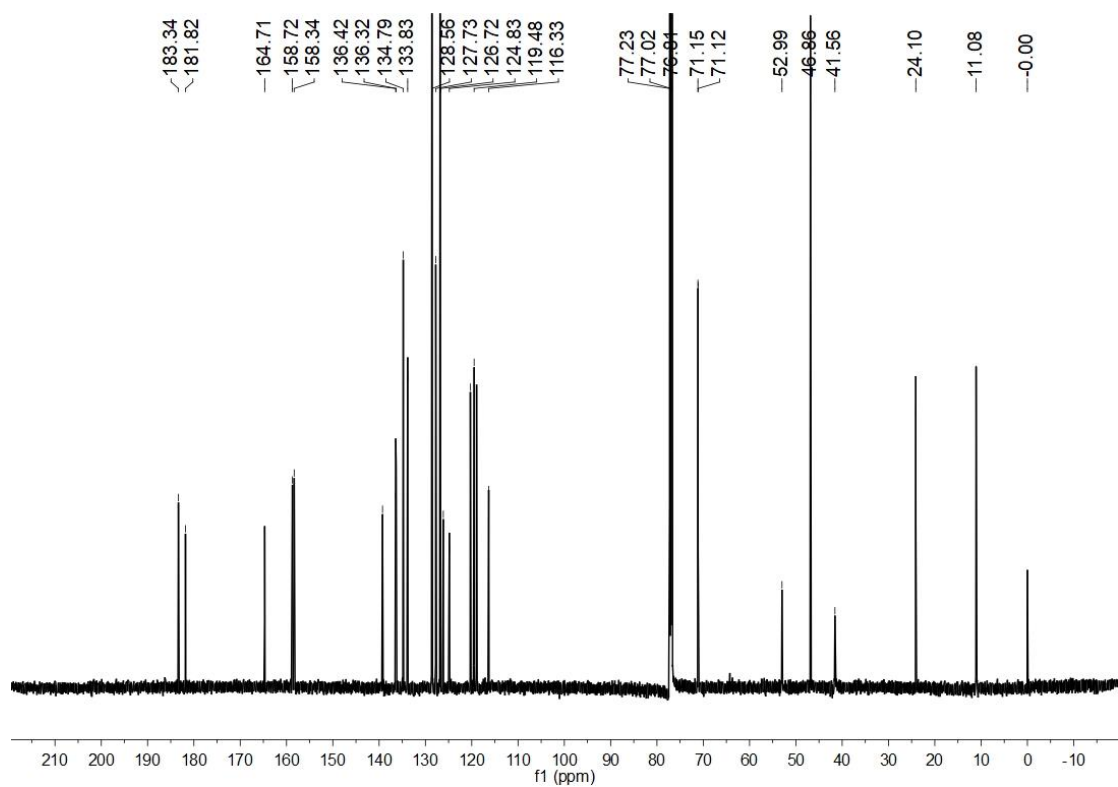
1,8-di(benzyloxy)-9,10-anthraquinone-N-(3-(dimethylamino)propyl)-3-carboxamide (KA-4l)



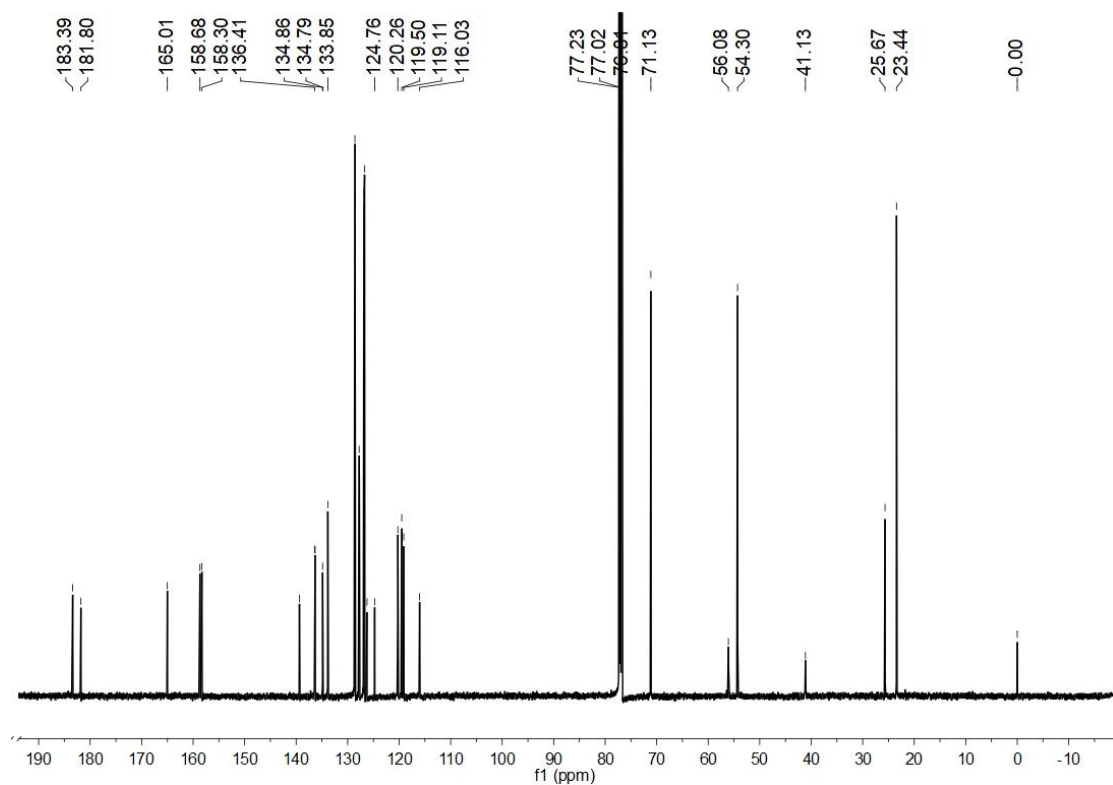
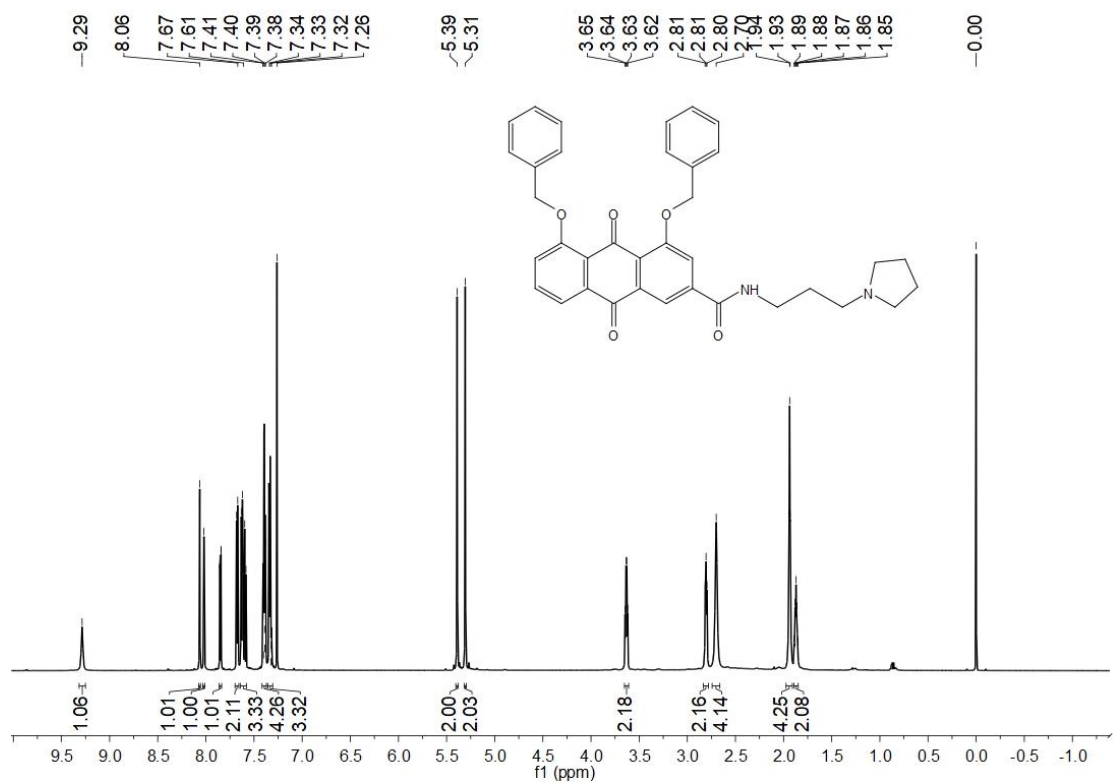


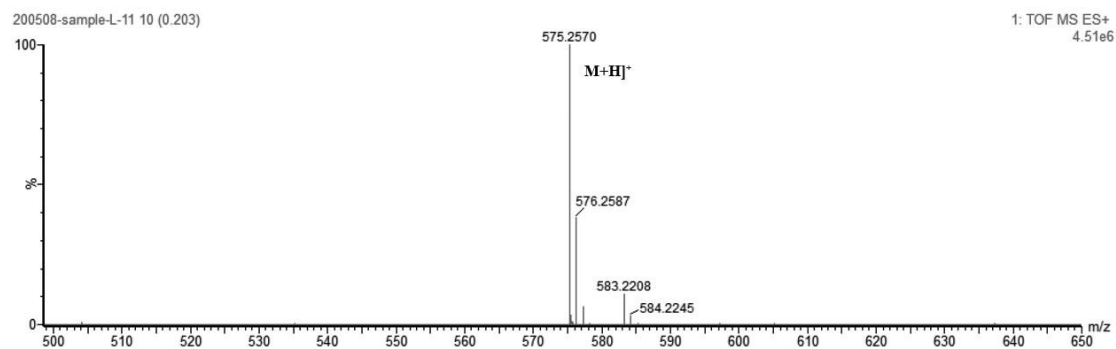
1,8-di(benzyloxy)-9,10-anthraquinone-N-(3-(diethylamino)propyl)-3-carboxamide (KA-4m)



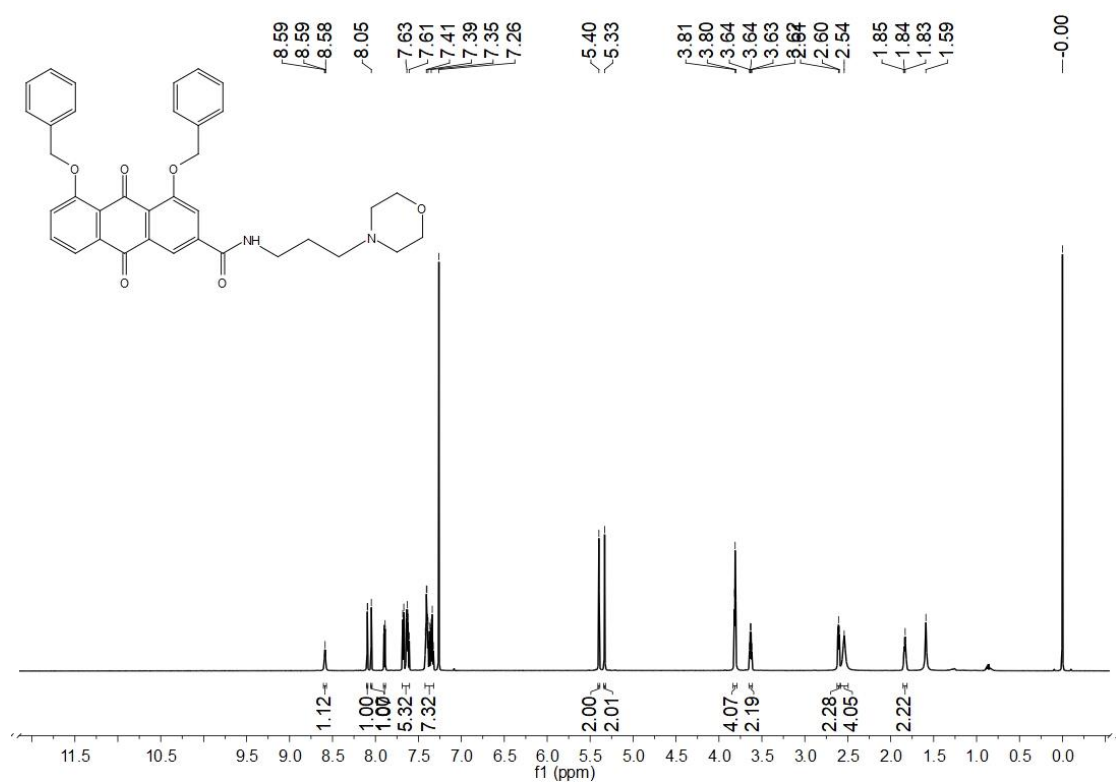


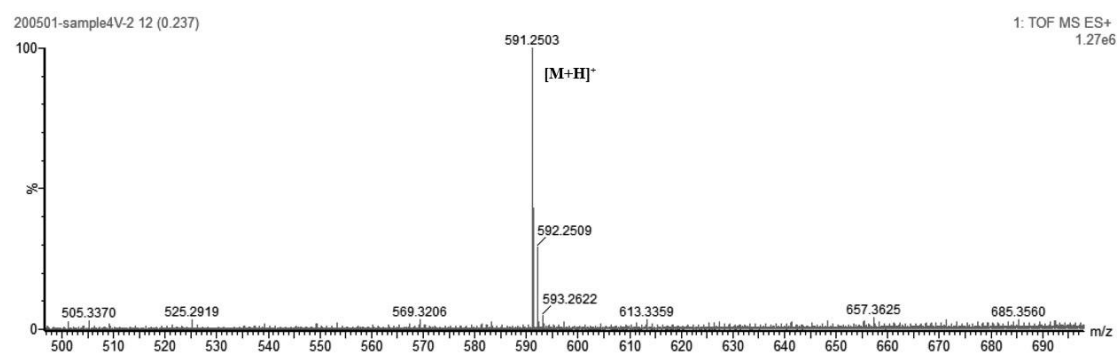
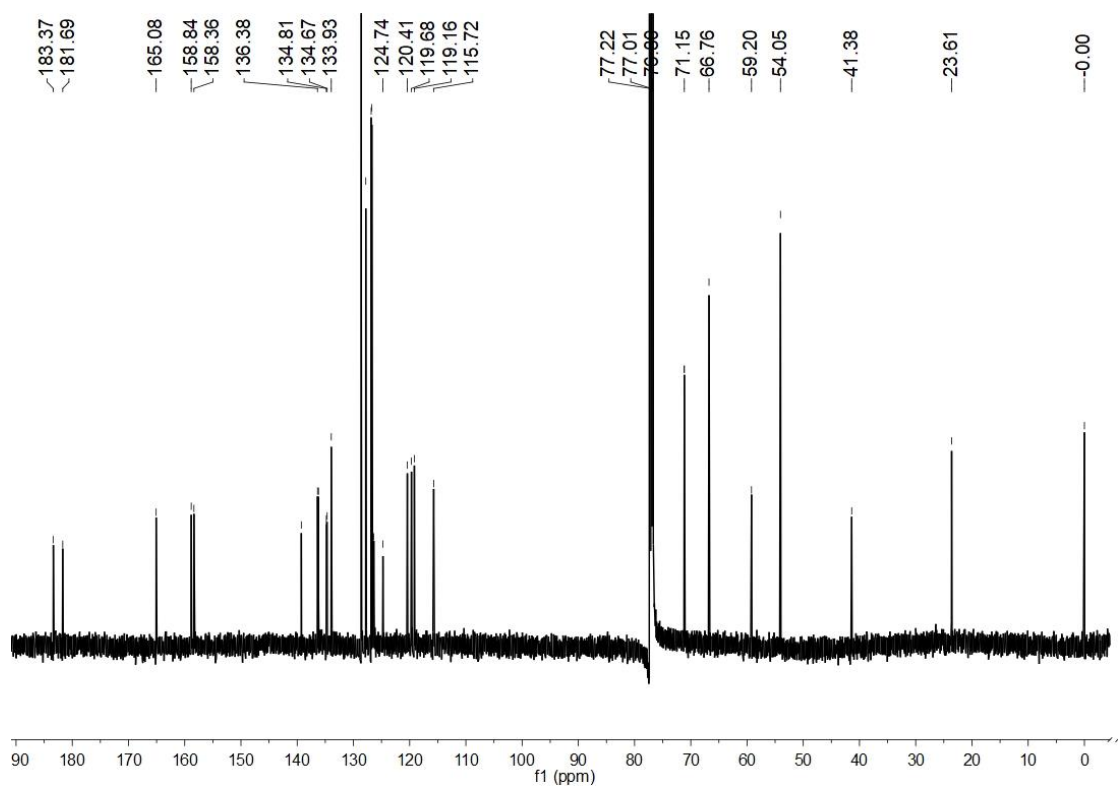
1,8-di(benzyloxy)-9,10-anthraquinone-N-(3-(pyrrolidin-1-yl)propyl)-3-carboxamide (KA-4n)





1,8-di(benzyloxy)-9,10-anthraquinone-N-(3-morpholinopropyl)-3-carboxamide (KA-4o)





1,8-di(benzyloxy)-9,10-anthraquinone-N-(2-(methylamino)ethyl)-3-carboxamide (KA-4p)

