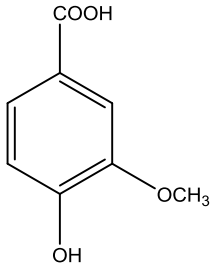
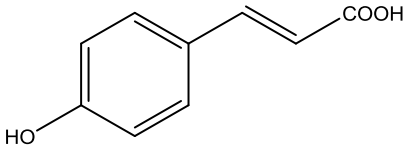
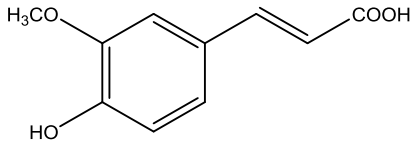
Supplementary-S: 1D- and 2D- NMR spectroscopic data of pure isolated compound



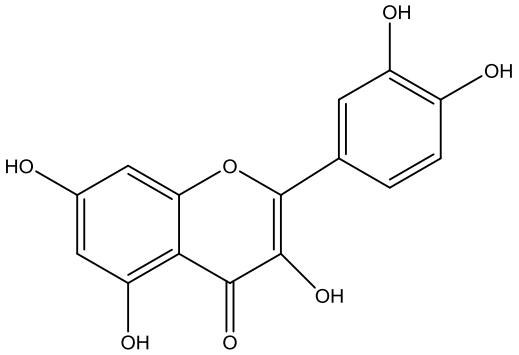
(VA)



(PCA)

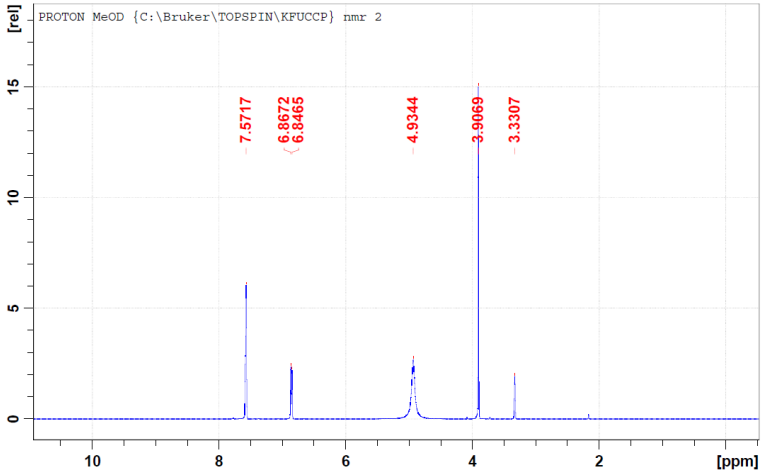


(FA)

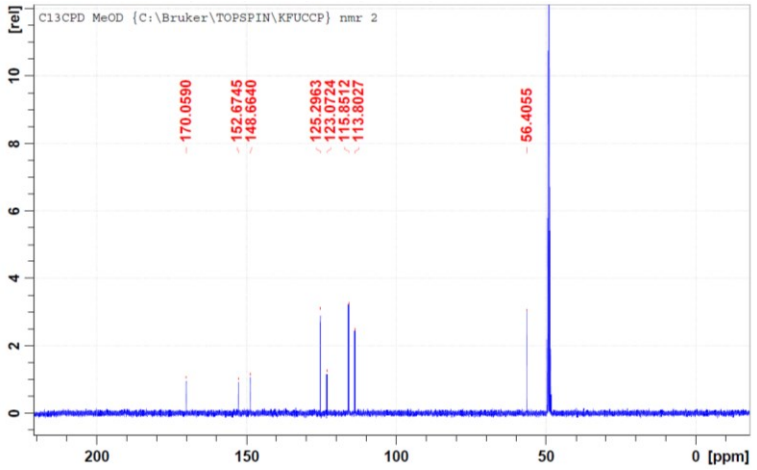


(QRN)

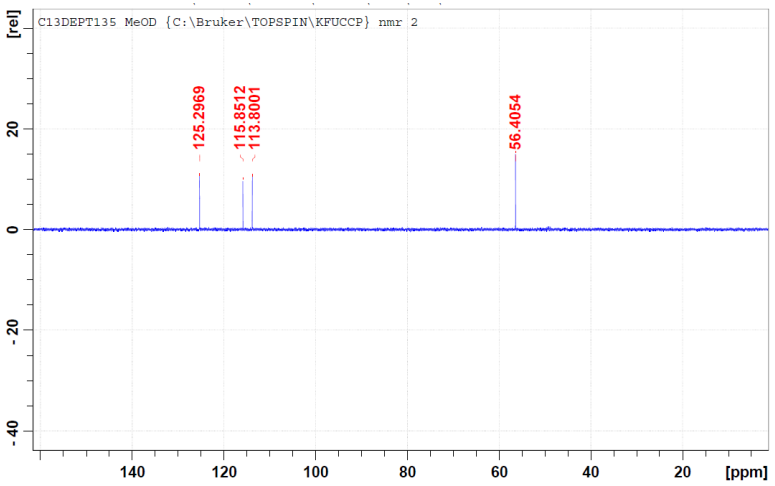
Structures of pure isolated constituents from cauliflower leaf .
Vanillic acid (**VA**), p-coumaric acid (**PCA**), ferulic acid (**FA**) and quercetin (**QRN**).



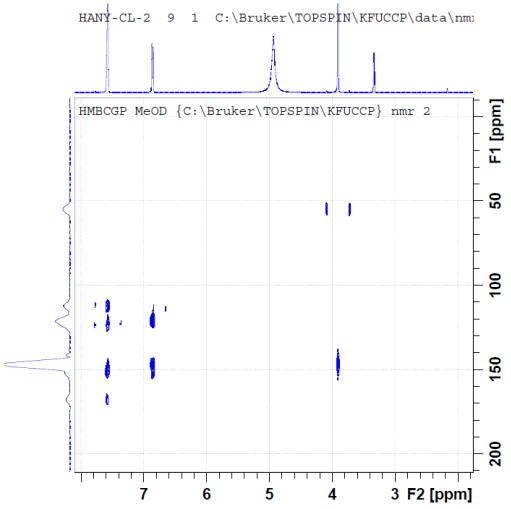
^{1}H-NMR full spectrum of VA (400 MHz, CD_3OD)



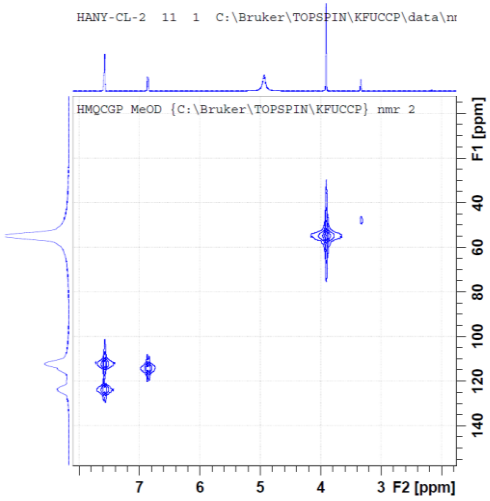
^{13}C-NMR spectrum of VA (100 MHz, CD_3OD)



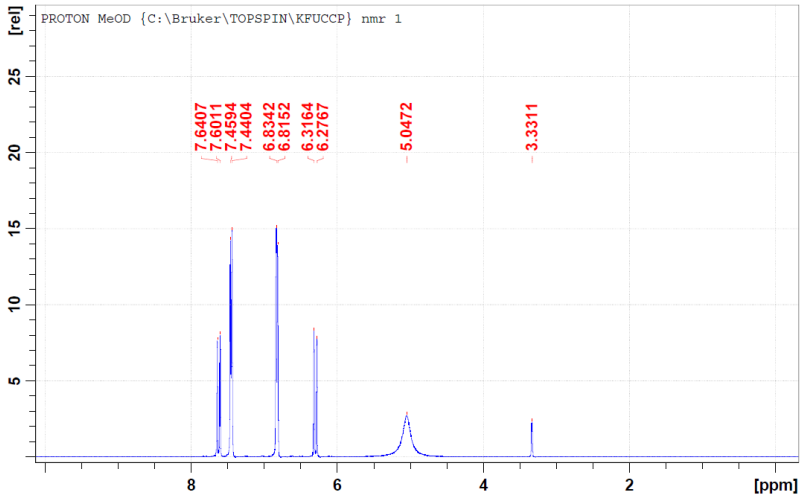
DEPT spectrum of VA (100 MHz, CD_3OD)



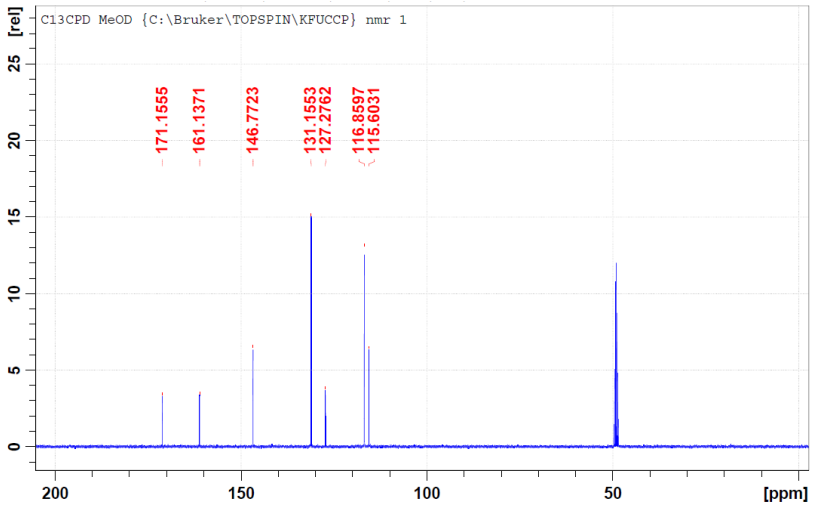
HMBC spectrum of VA



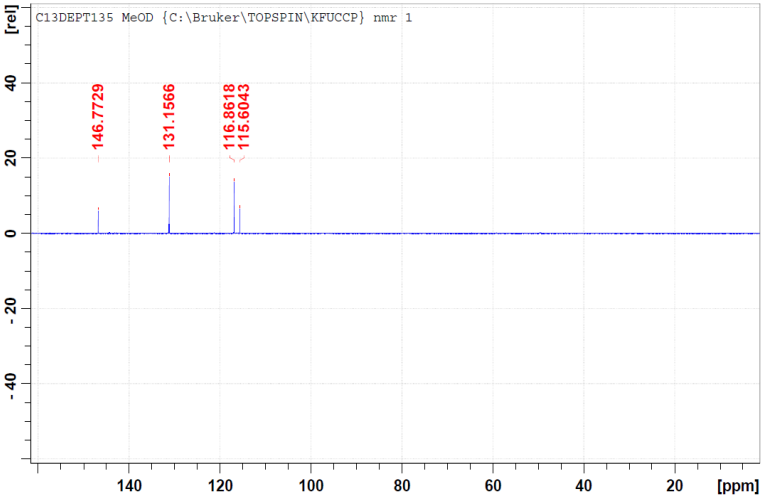
HMQC spectrum of VA



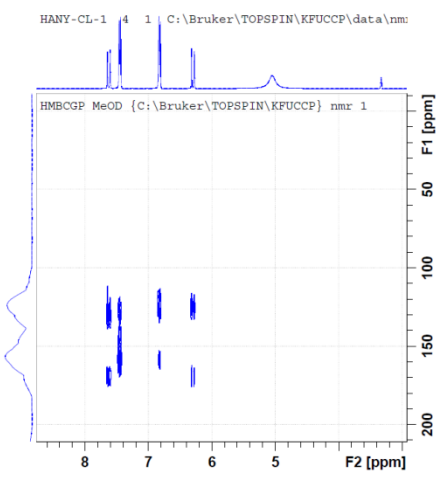
^{1}H-NMR full spectrum of PCA (400 MHz, CD_3OD)



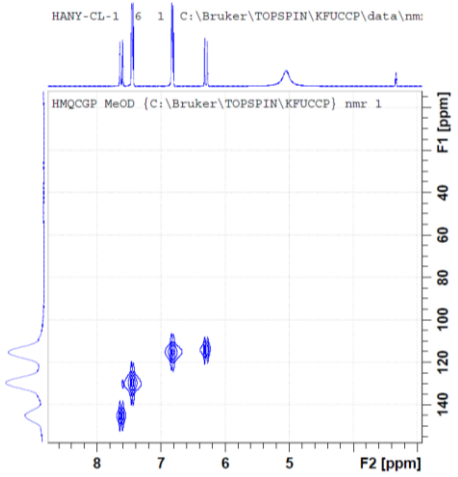
^{13}C-NMR spectrum of PCA (100 MHz, CD_3OD)



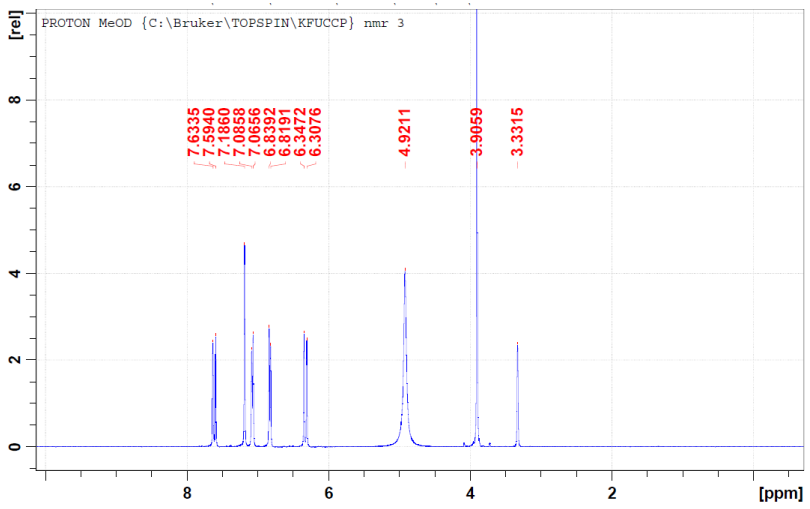
DEPT spectrum of PCA (100 MHz, CD_3OD)



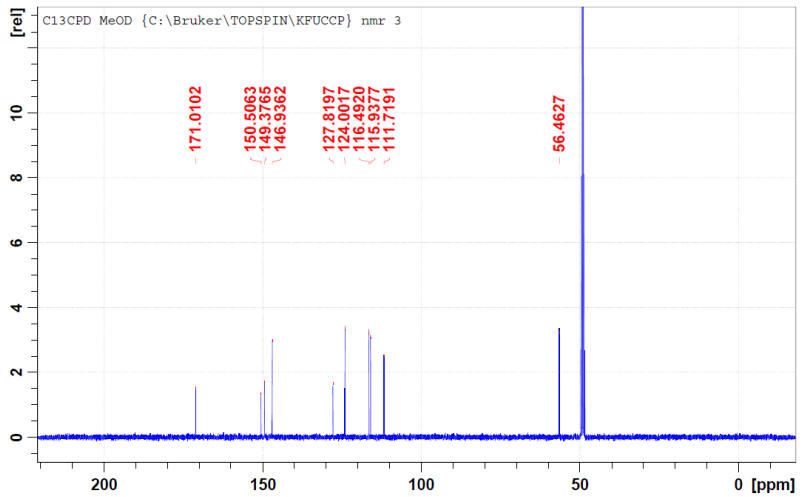
HMBC spectrum of PCA



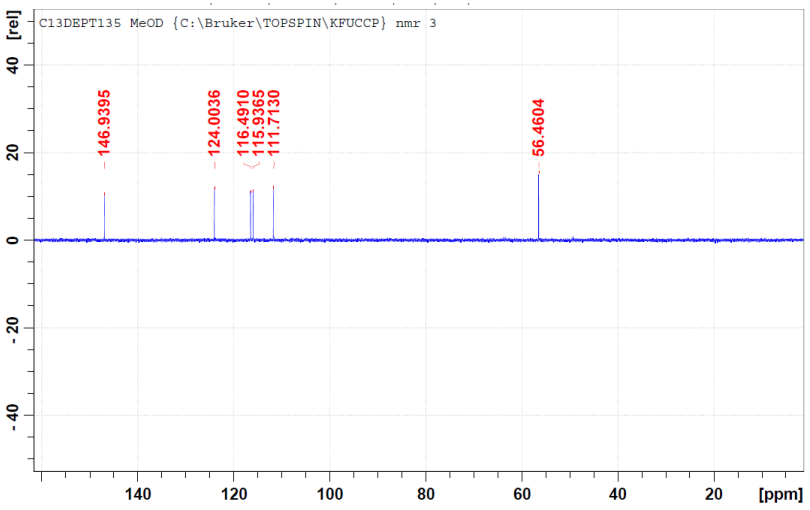
HMQC spectrum of PCA



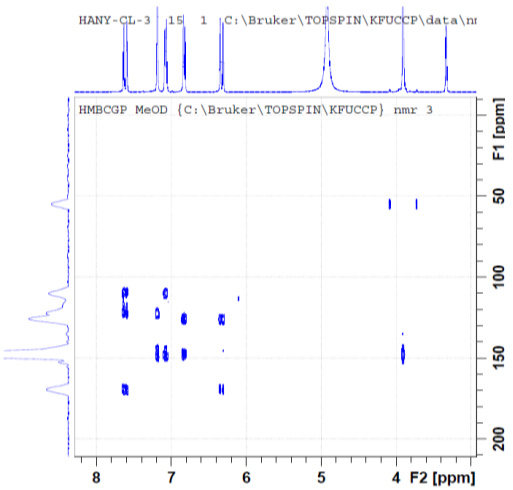
[1]H-NMR full spectrum of FA (400 MHz, CD_3OD)



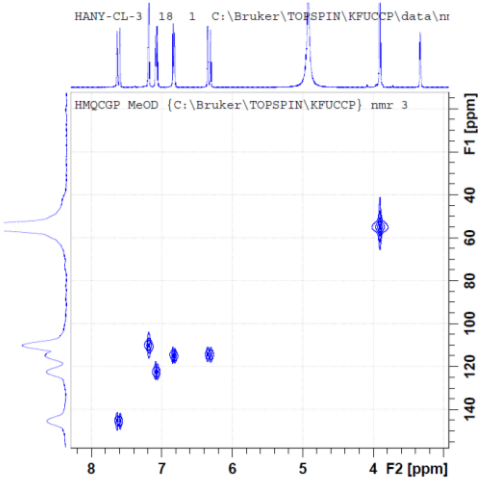
[13]C-NMR spectrum of FA (100 MHz, CD_3OD)



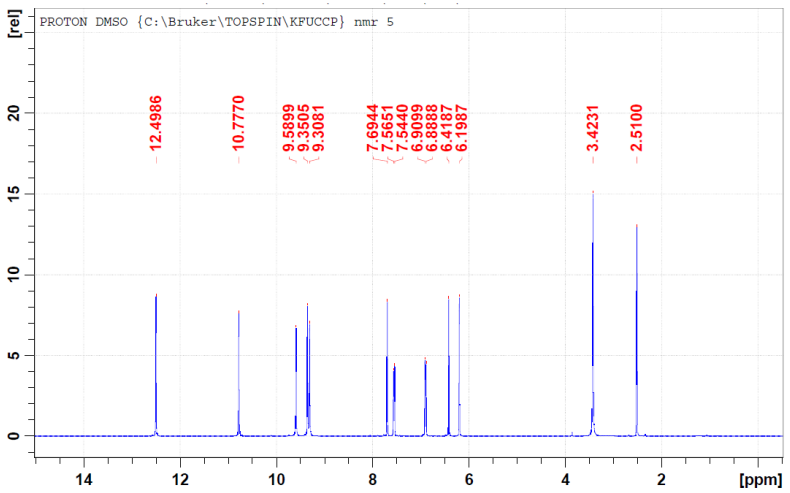
DEPT spectrum of FA (100 MHz, CD_3OD)



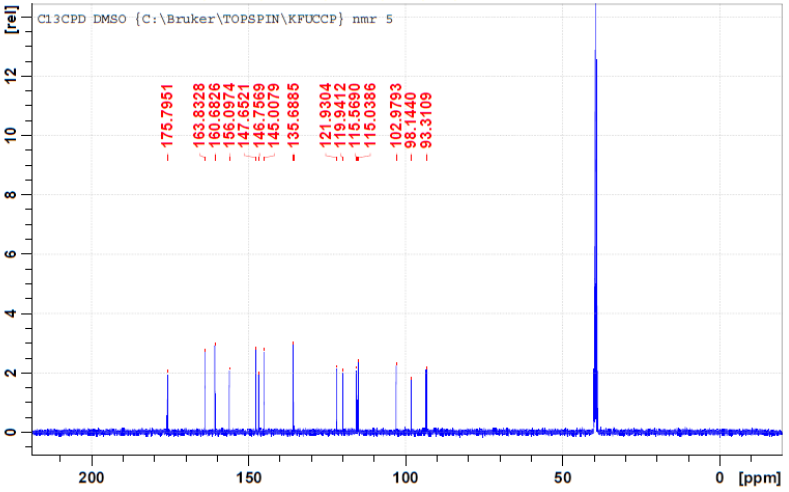
HMBC spectrum of FA



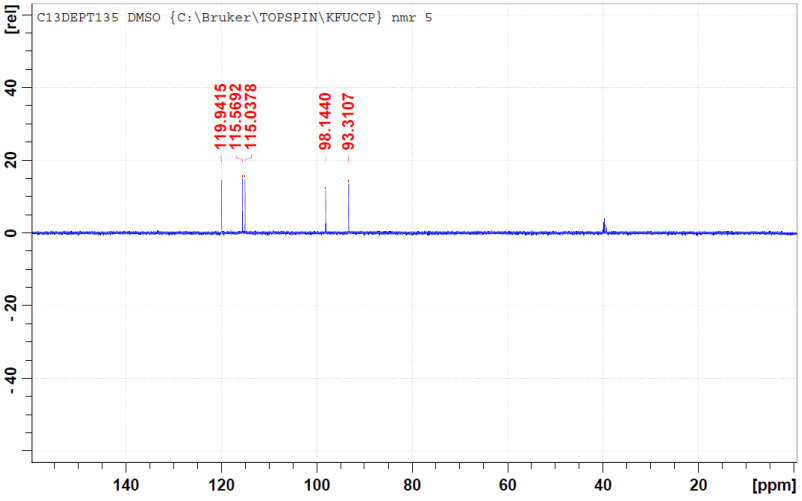
HMQC spectrum of FA



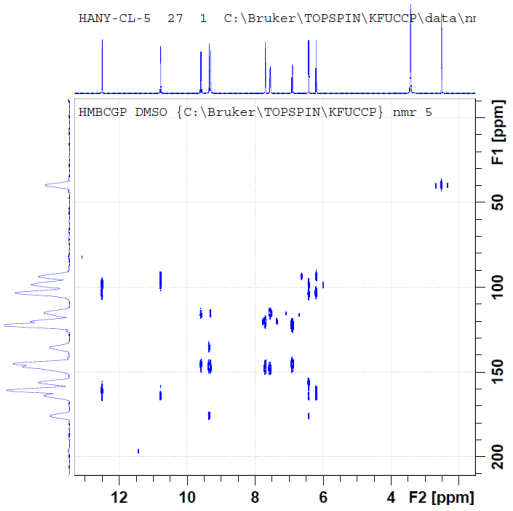
^{1}H-NMR full spectrum of QRN (400 MHz, DMSO-*d*6)



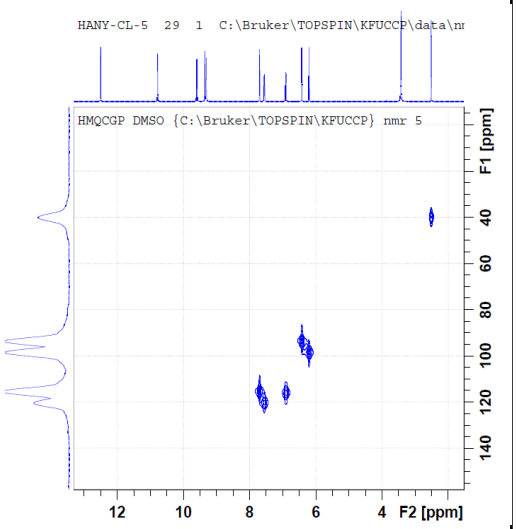
^{13}C-NMR spectrum of QRN (100 MHz, DMSO-*d*6)



DEPT spectrum of QRN (100 MHz, DMSO-*d*6)



HMBC spectrum of QRN



HMQC spectrum of QRN