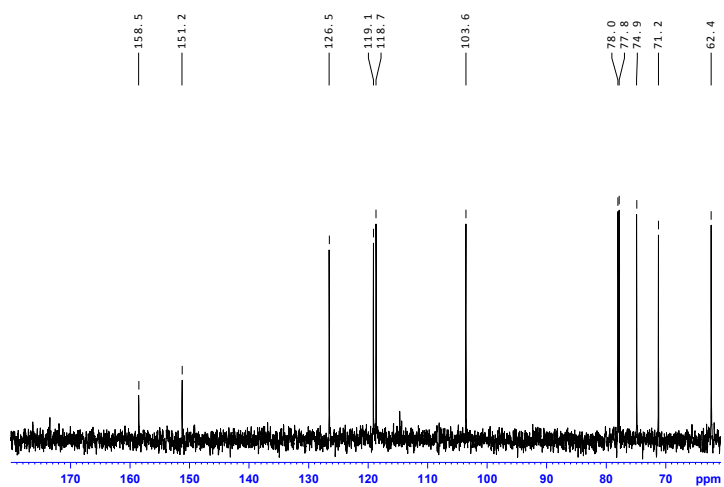
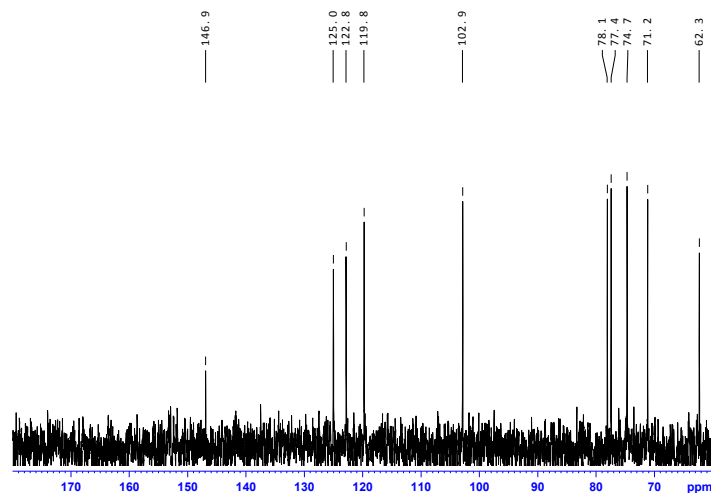


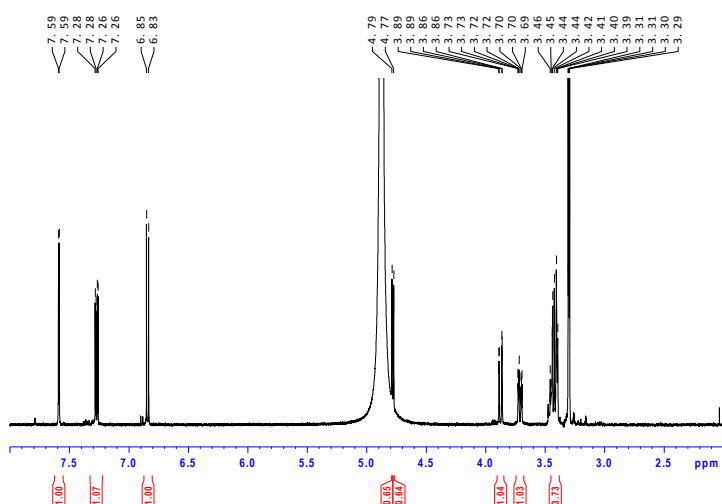
¹³C NMR spectrum of compound 1



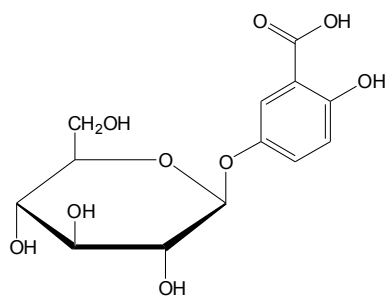
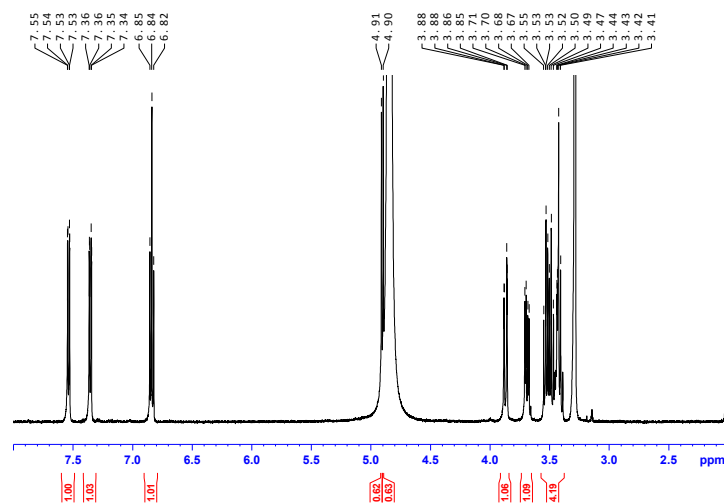
¹³C NMR spectrum of compound 2



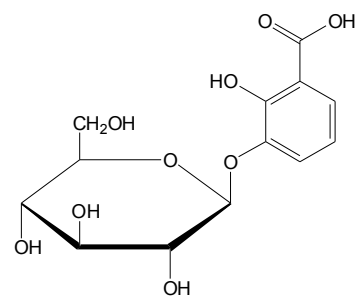
¹H NMR spectrum of compound 1



¹H NMR spectrum of compound 2



2,5-DHBAG



2,3-DHBAG

Figure S1. ¹³C and ¹H NMR spectra of 2,5-DHBAG and 2,3-DHBAG.

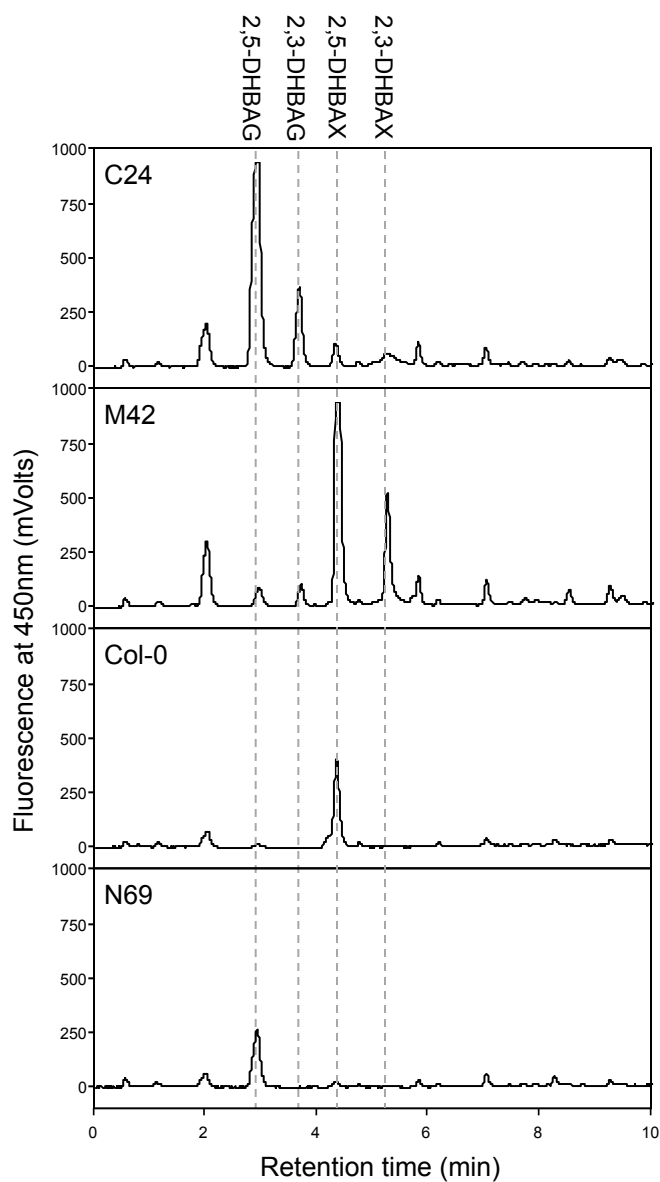


Figure S2. leaf soluble metabolites for two Col-0/C24 NILs. The M42 line has a C24 background with the top of chromosome 5 region from Col-0. The N69 line has a Col-0 background with the top of chromosome 5 region from C24.