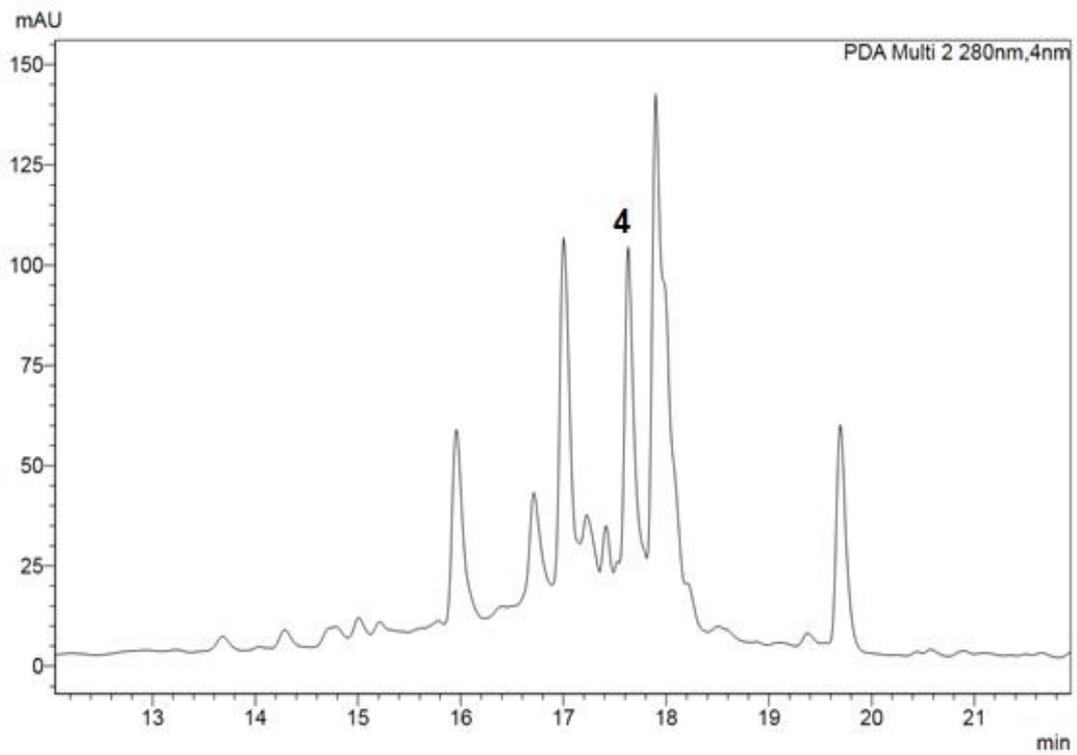
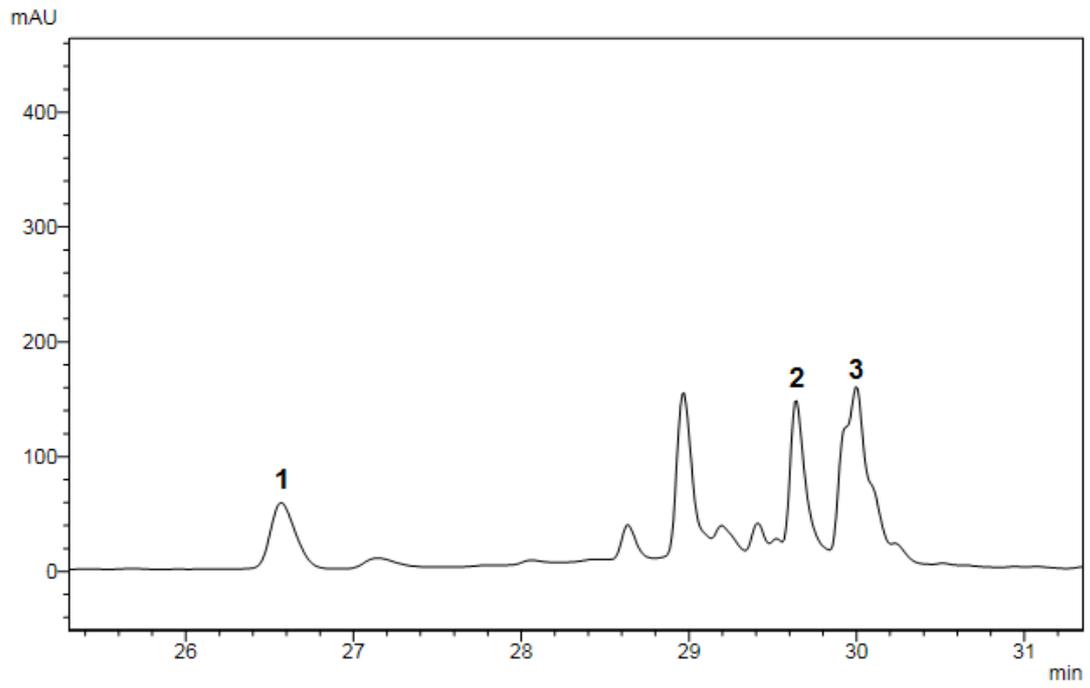


SUPPLEMENTARY MATERIAL



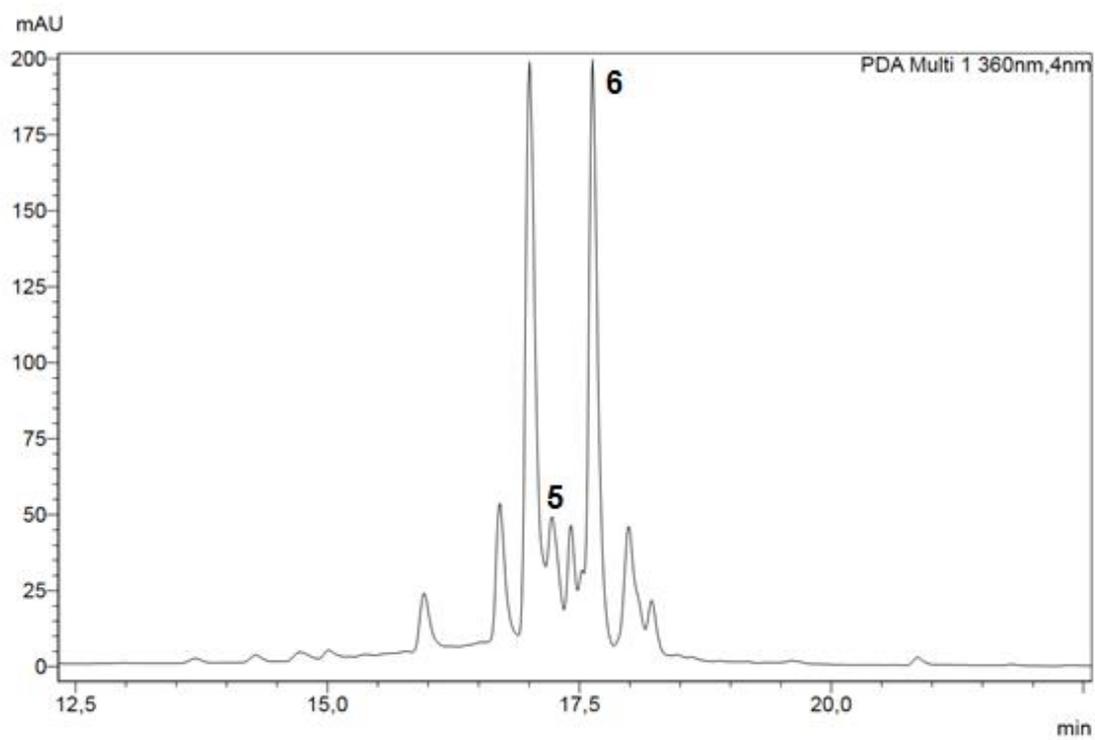
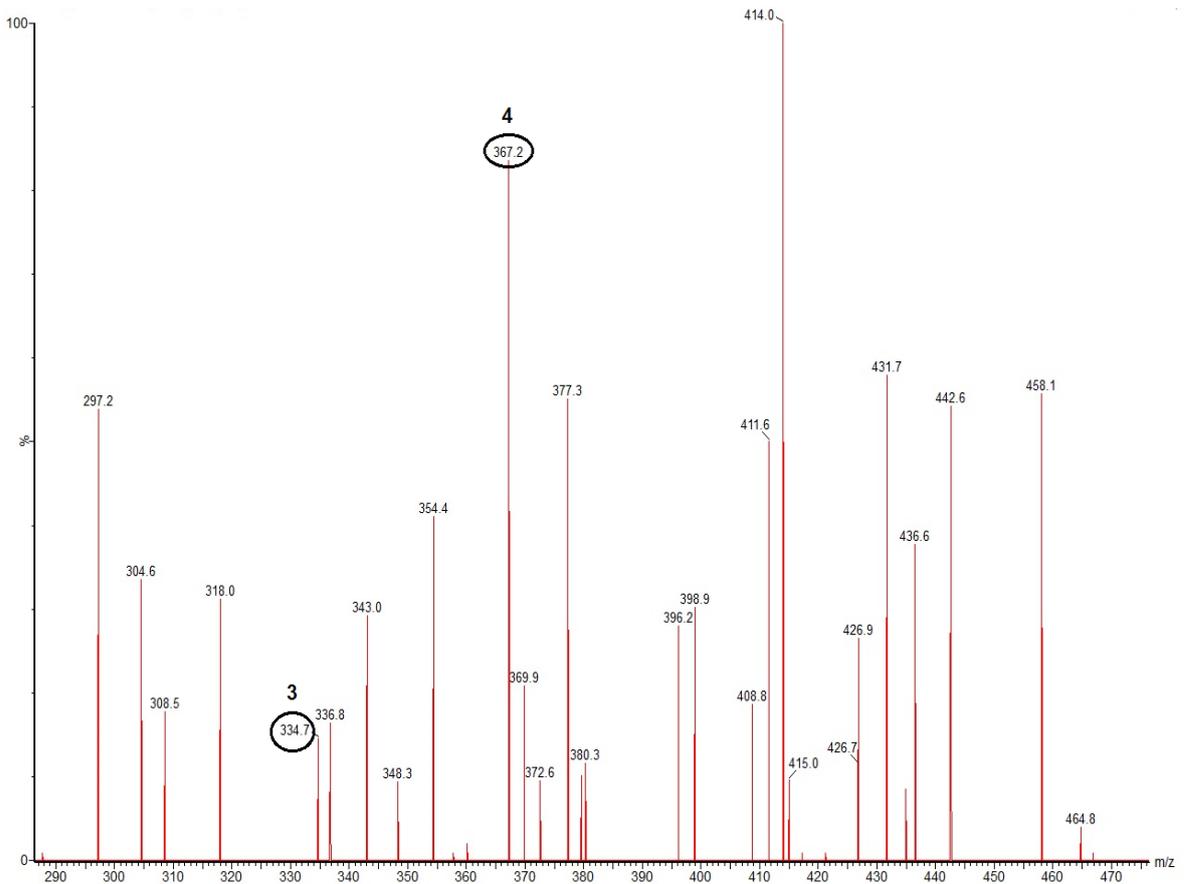
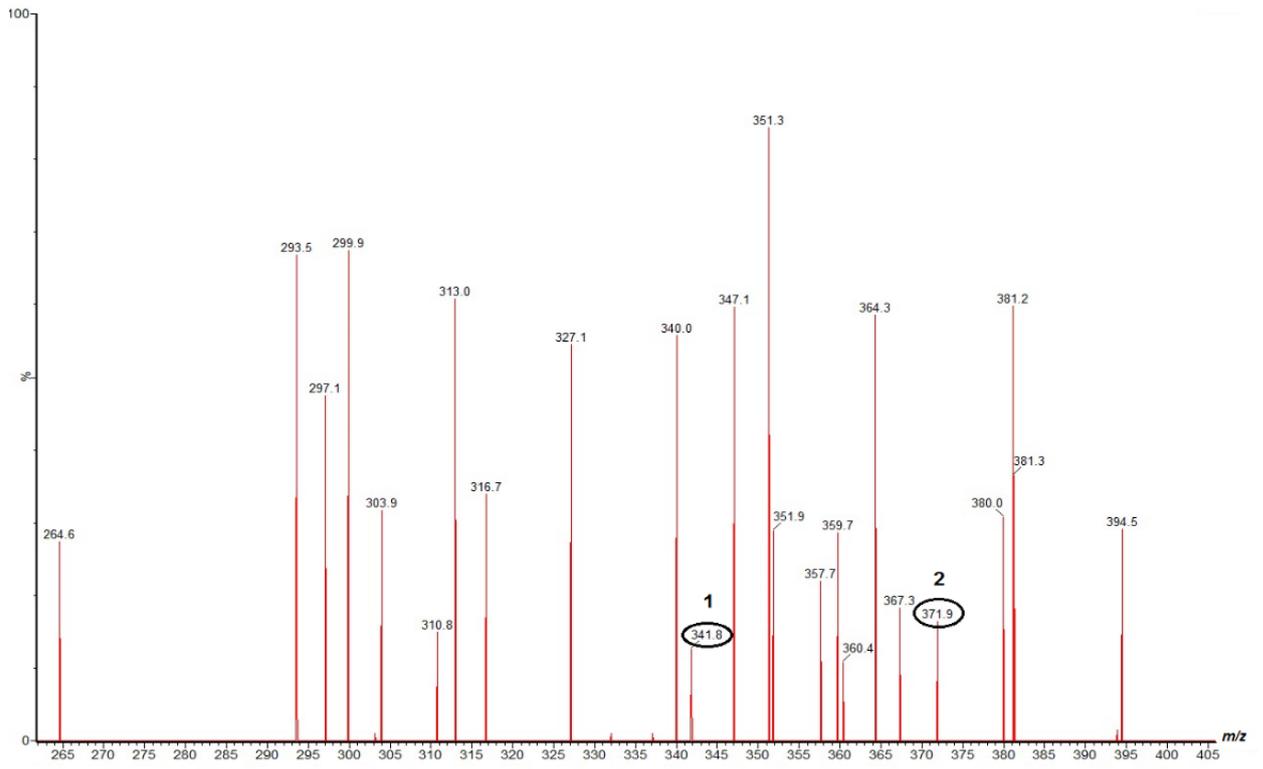
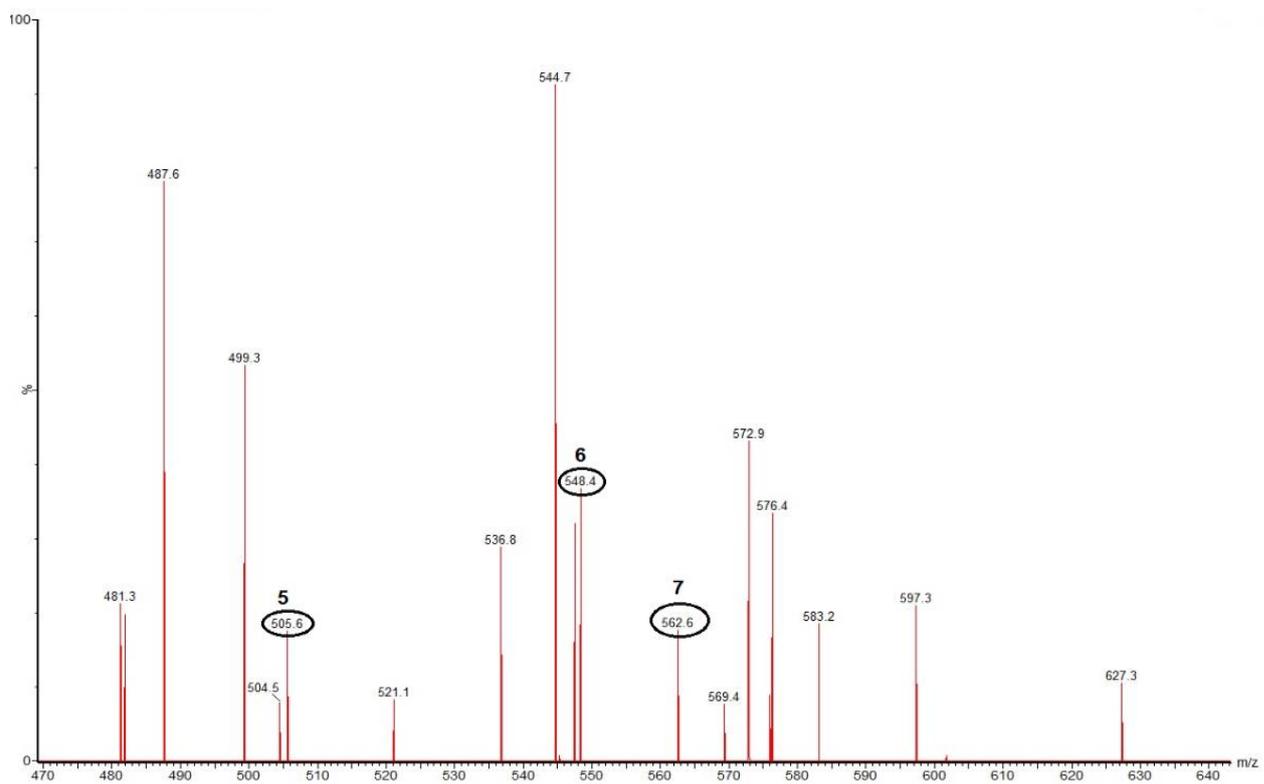
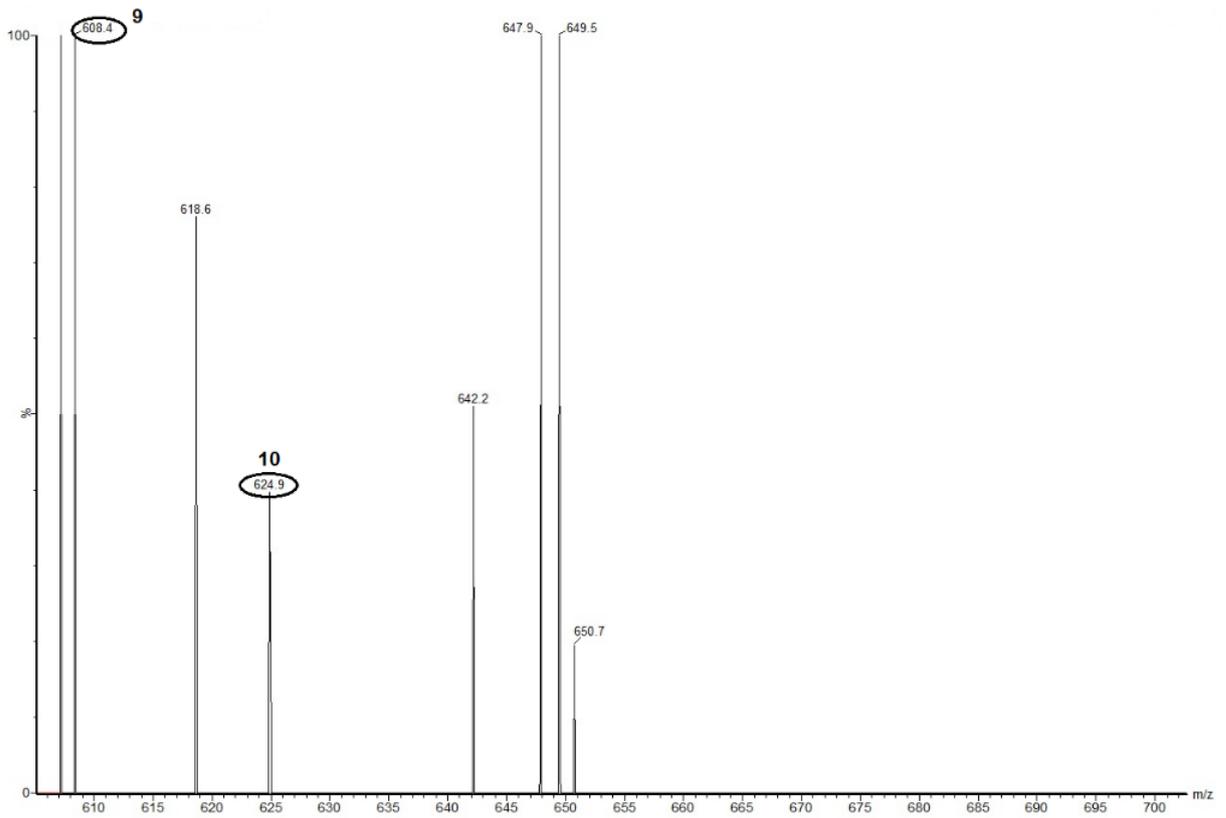
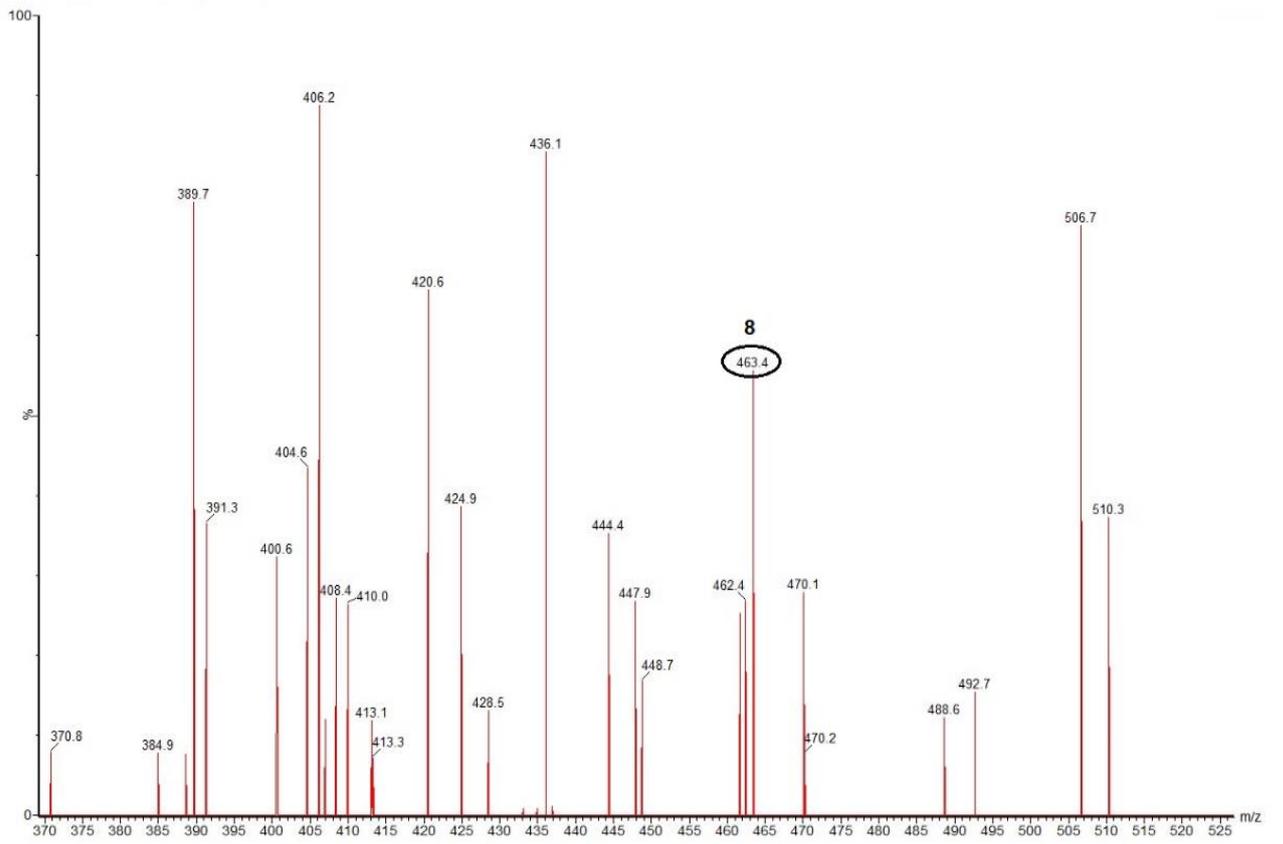
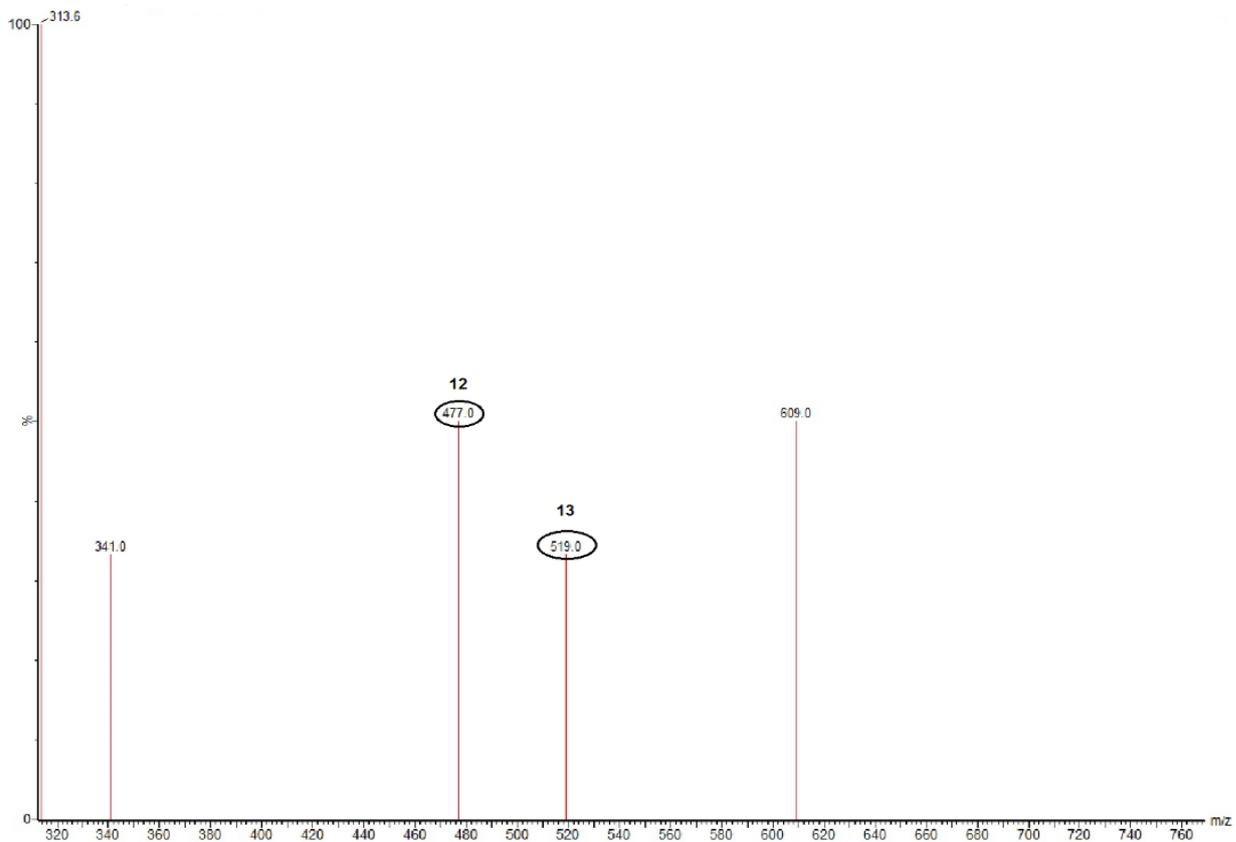
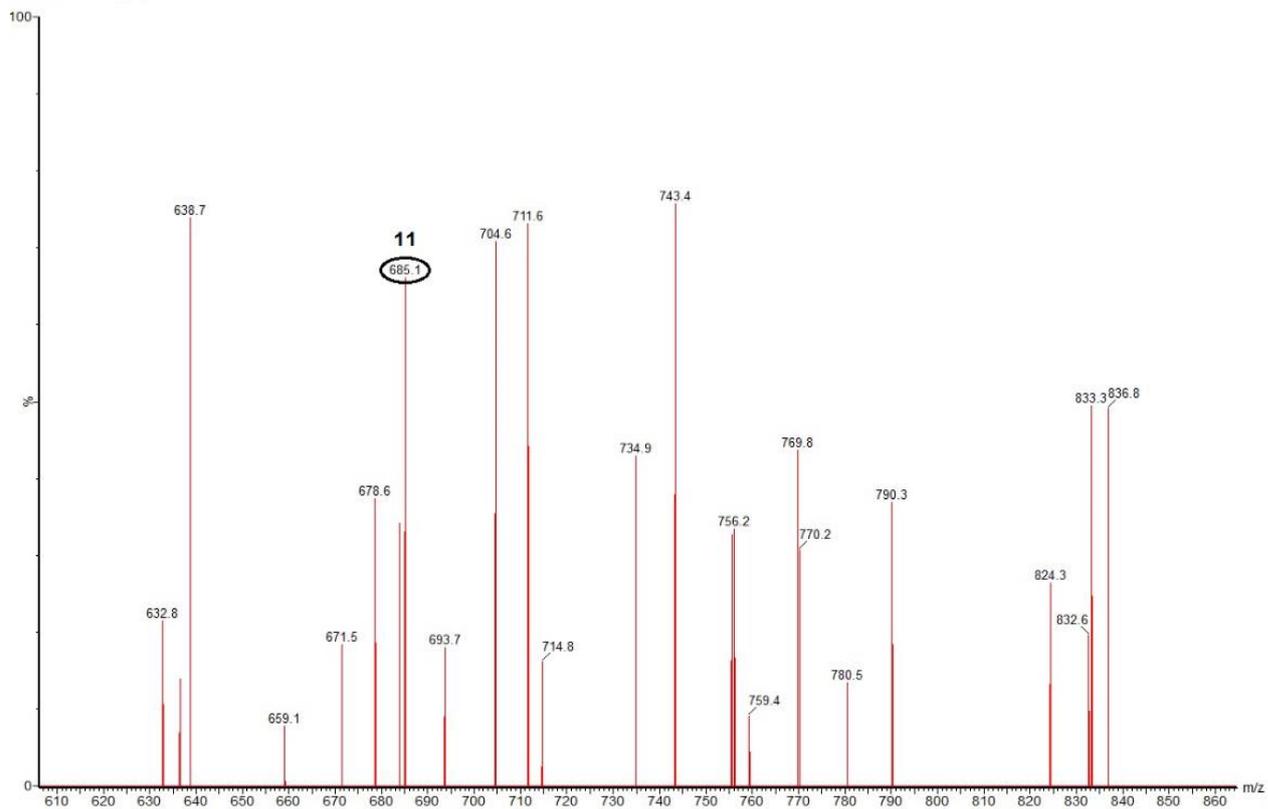


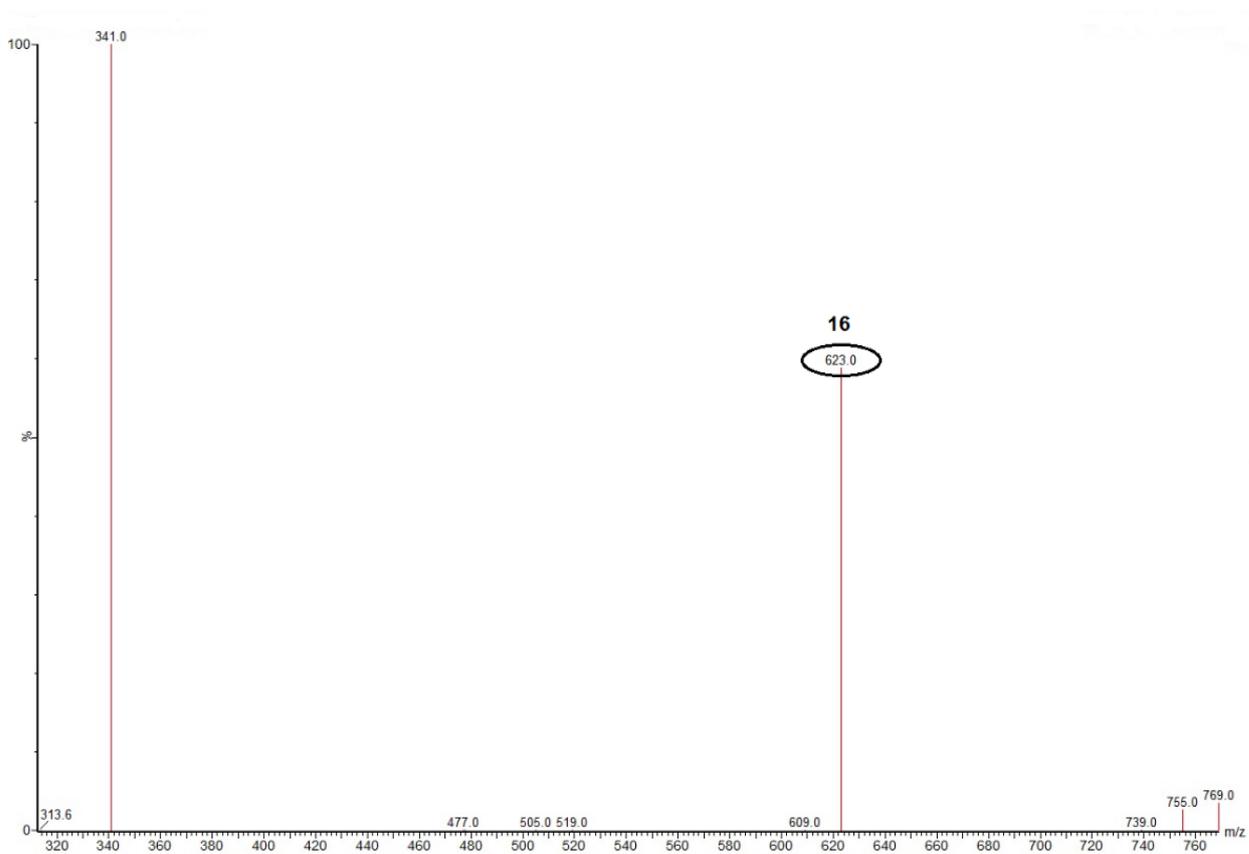
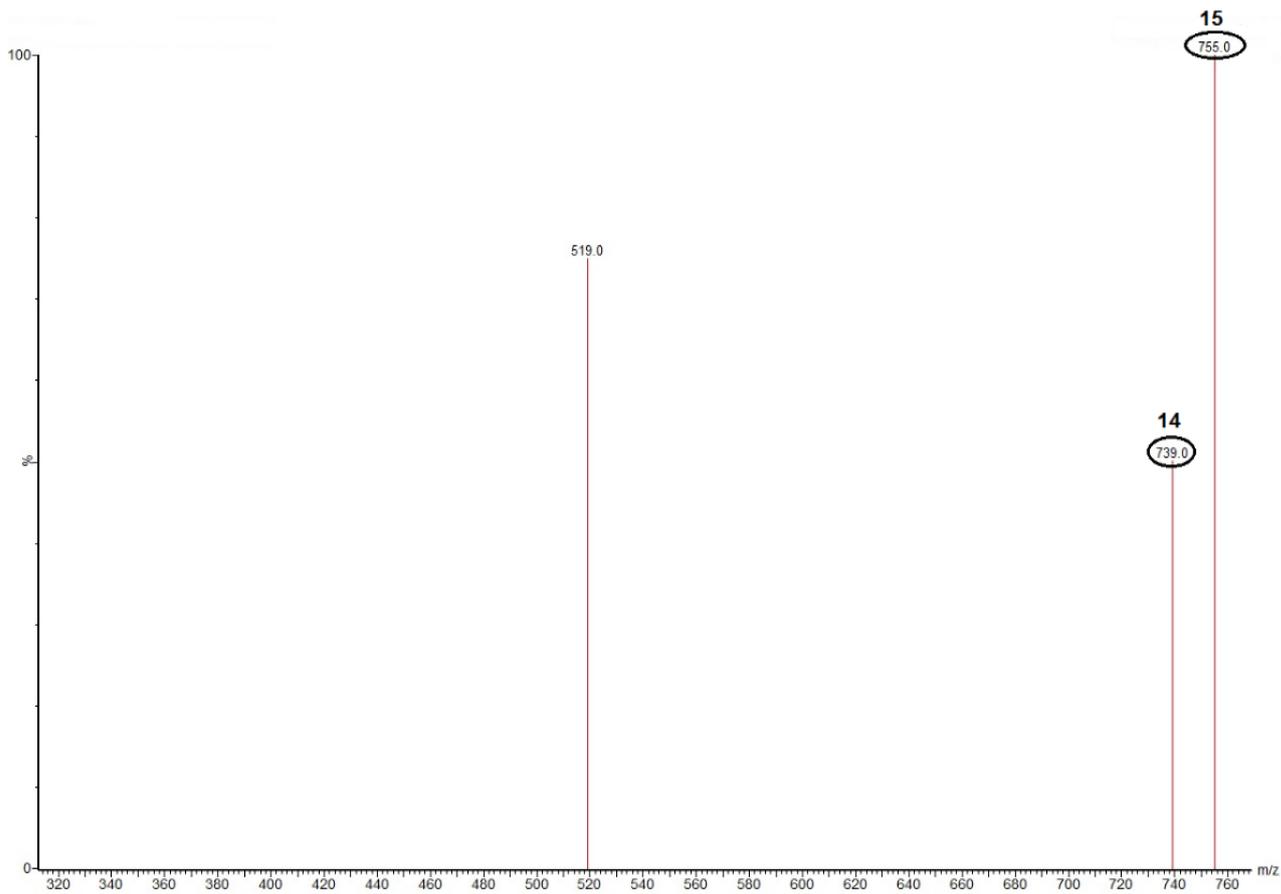
Figure S1. HPLC-DAD chromatogram of the *C. officinalis* flower extracted with water and ethyl alcohol (50:50 v/v): 1 = caffeic acid, 2 = *p*-coumaric acid, 3 = ferulic acid, 4 = procyanidin A2, 5 = quercetin-3-rutinoside, and 6 = ellagic acid.











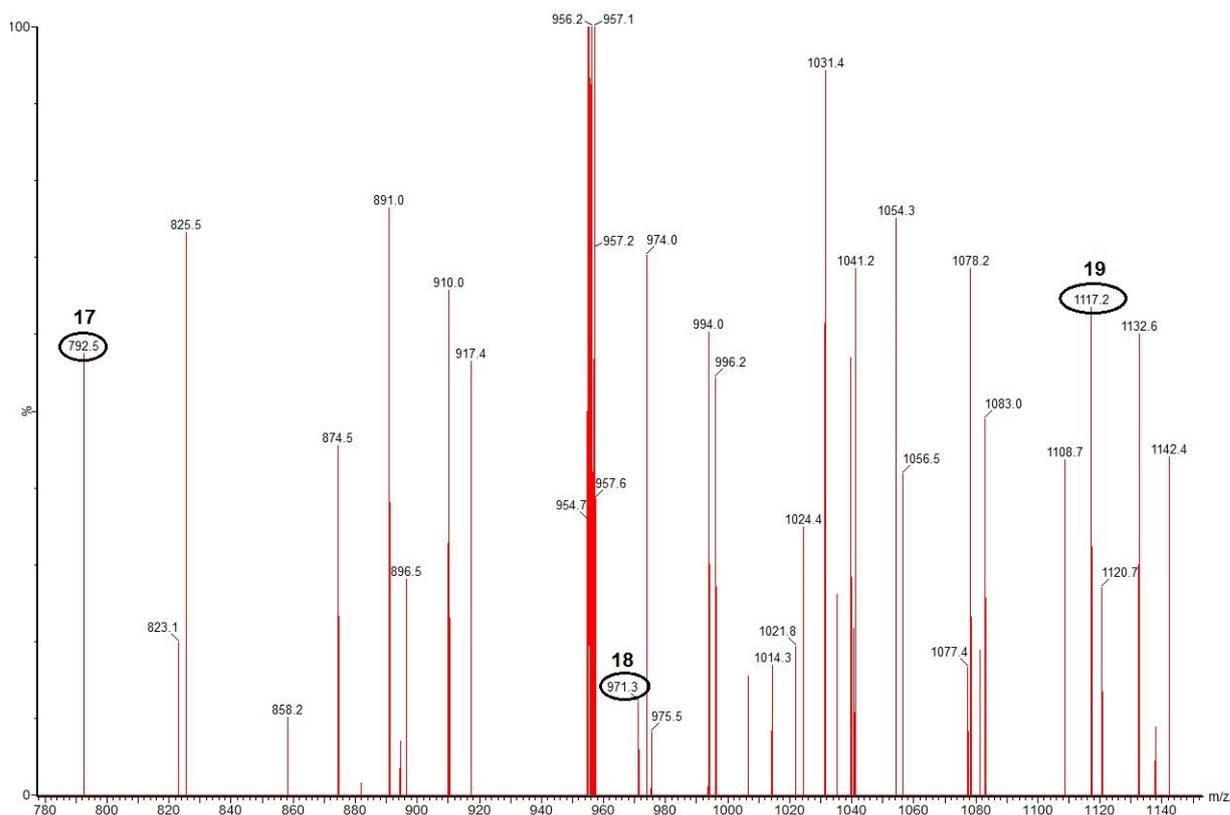


Figure S2. ESI-MS/MS chromatogram of the *C. officinalis* flower extracted with water and ethyl alcohol (50:50 v/v) and the tentative identification of phenolic compounds. Note: **1** = caffeic acid hexoside (m/z 341), **2** = isomeric form of hydroxyferulic acid hexoside (m/z 371), **3** = caffeoylshikimic acid (m/z 335), **4** = 5-*O*-feruloylquinic acid (m/z 367), **5** = quercetin derivative (m/z 505), **6** = quercetin-3-*O*-malonylhexoside (m/z 549), **7** = apigenin derivative (m/z 563), **8** = quercetin derivative (m/z 463), **9** = quercetin derivative (m/z 609), **10** = quercetin dihexoside (m/z 625), **11** = ligstroside hexoside (m/z 685), **12** = isorhamnetin derivative (m/z 477), **13** = isorhamnetin derivative (m/z 519), **14** = kaempferol-rhamnosyrutinoside (m/z 739), **15** = quercetin-3-*O*-rhamnosylrutinoside (m/z 755), **16** = isorhamnetin derivative (m/z 623), **17** = calendulose G (m/z 793), **18** = calendasaponin B (m/z 971), **19** = calendasaponin A (m/z 1117). Comparison with the reported MS/MS data obtained by Miguel et al. [44] and Faustino et al. [45].