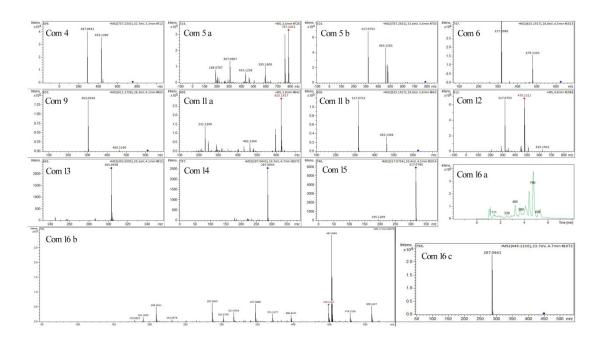
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Supplementary Figure S1. Mass-qTOF spectrogram of main phenolics in digested Sea buckthorn berries

Note: Mass-mass identification was carried out using a Bruker Impact II<sup>TM</sup> UHR-qTOF Mass

Spectrometry with a Waters Acquity TUV detector at wavelength of 280 nm. Com 4, 6, 9, 12, 13, 14

and 15 are represented phenolic compounds as: 4: kaempferol-3-sophoroside-7-rhamnoside, 6:
isorhamnetin-3-glucoside-7-rhamnoside, 9: quercetin-3-rutinoside, 12: isorhamnetin-3-glucoside, 13:
quercetin, 14: kaempferol and 15: isorhamnetin. Com 5 a, 5 b, Com 11 a, and 11 b are the MS and MS2
spectras of isorhamnetin-3-sophoroside-7-rhamnoside and isorhamnetin-3-rutinoside, respectively. And
Com 16 a, 16 b and 16 c refer to the number of specific peak, the MS¹ and MS² spectra of kaemferol-3glucoside, separately.