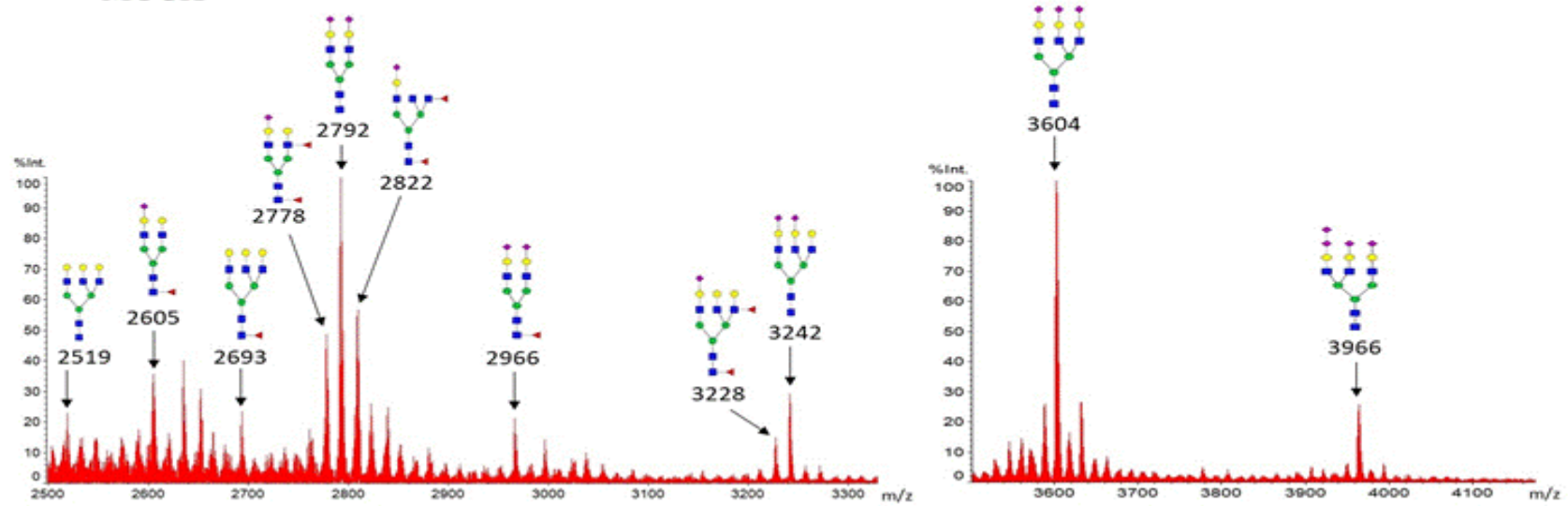
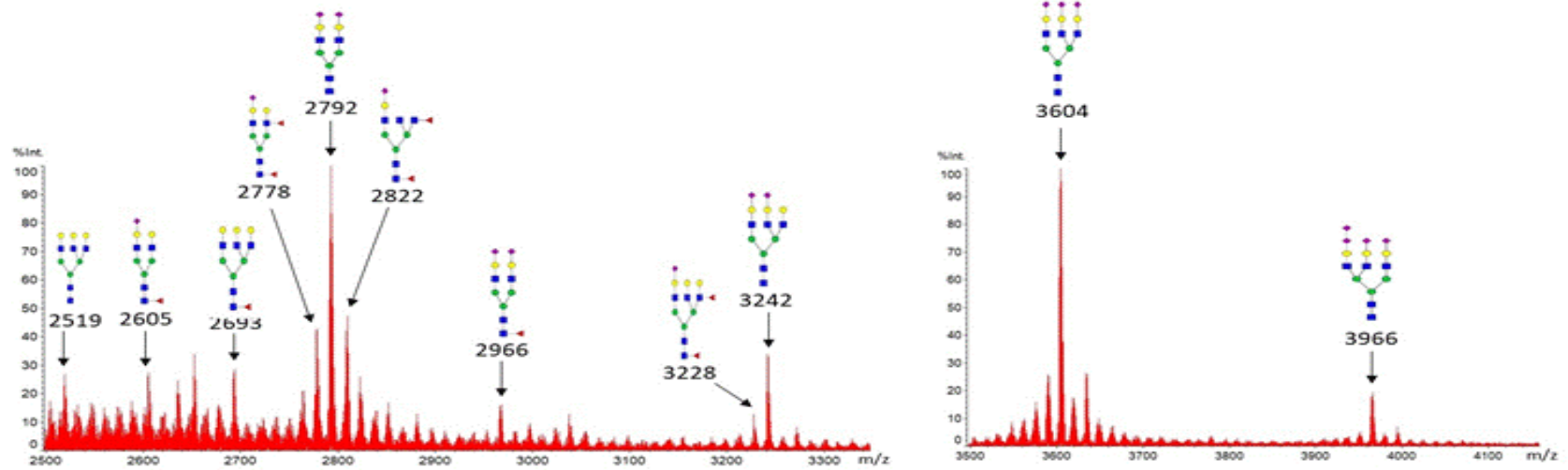


A. Proliferation

MOCK

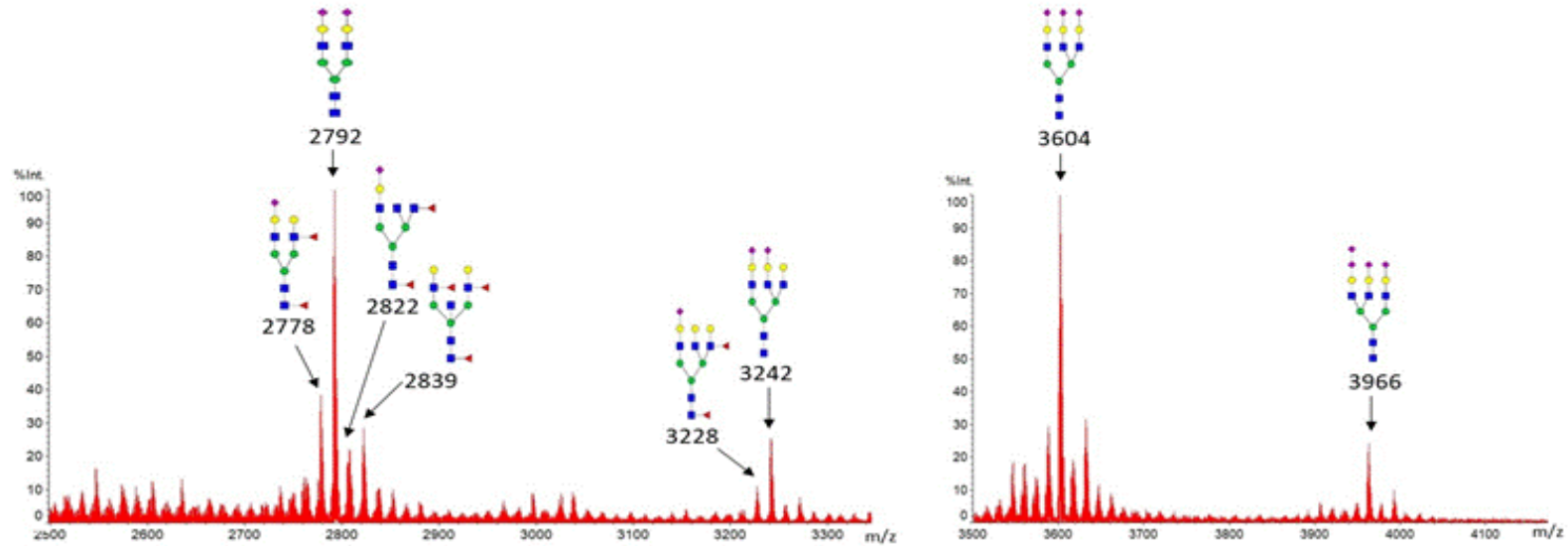


CLONE

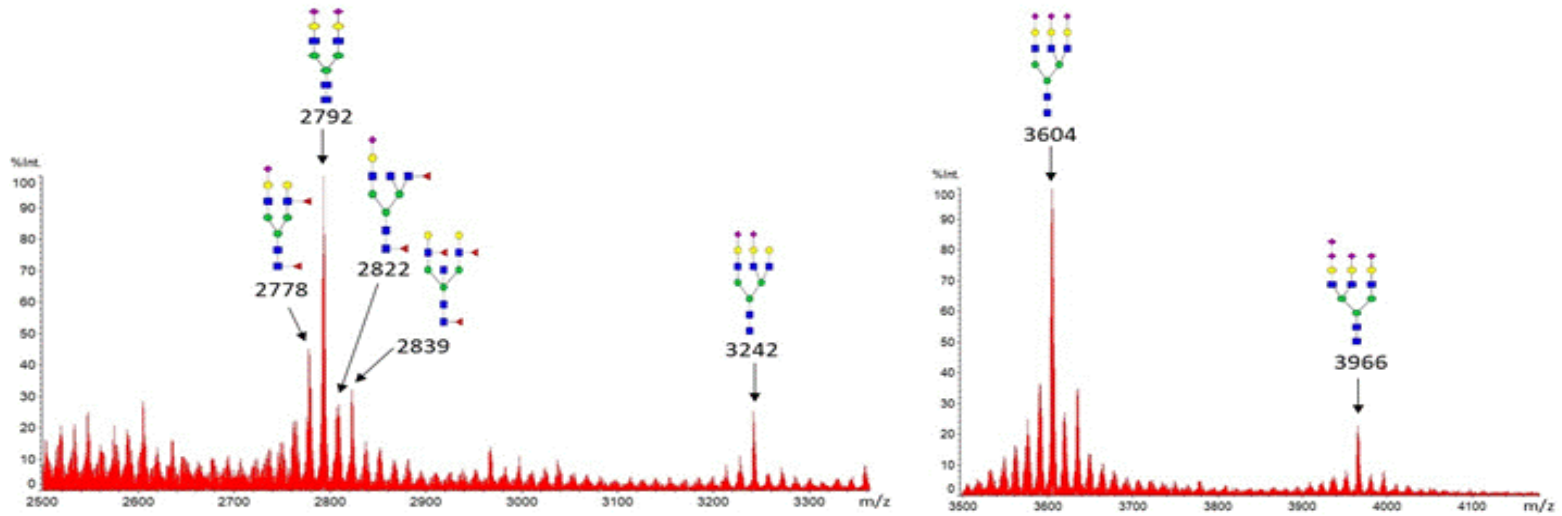


B. Differentiation 120 h MT

MOCK

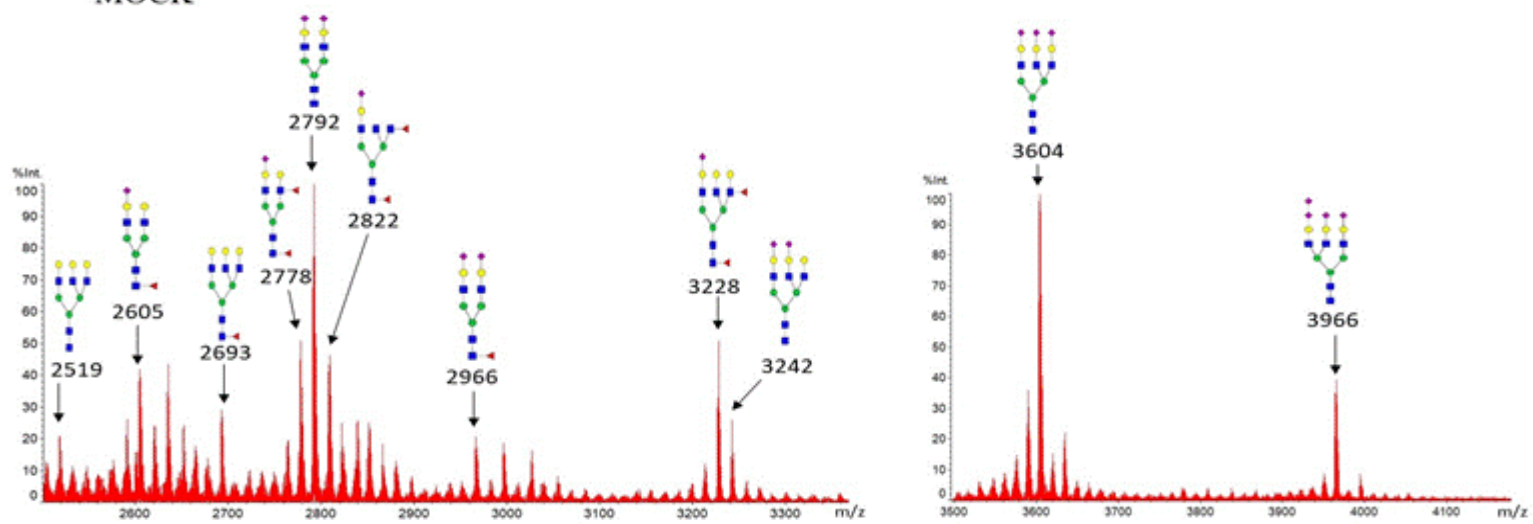


CLONE

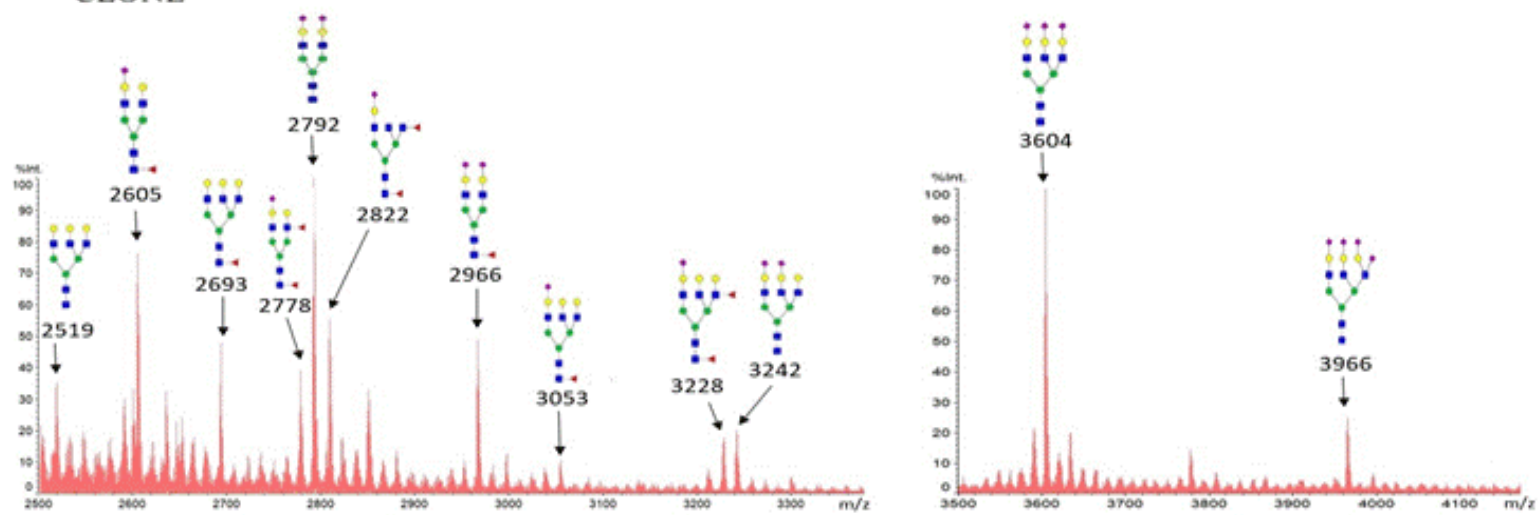


### C. Differentiation 120 h RC+MB

MOCK



CLONE



**MS profiles of sialylated and non-sialylated *N*-glycans of C2C12-sh-Mock and C2C12-sh-C12 cells.** The C2C12-sh-Mock (upper profile) and C2C12-sh-C12 (low profile): proliferating cells (A); myotubes at 120 hours of differentiation (B) and reserve cells and myoblasts at 120 hours of differentiation (C). The spectra show the different peaks corresponding to the identified glycans from 2500 to 3300 m/z (left spectrum) and from 3500 to 4200 m/z (right spectrum). For each spectrum, the intensity for the maximal peak was fixed at 100% and other intensities were calculated relative this value. Mass spectrometry analysis have been done one time (n=1). Cells of three independent cultures have been pooled before *N*-glycans extraction and analyse.