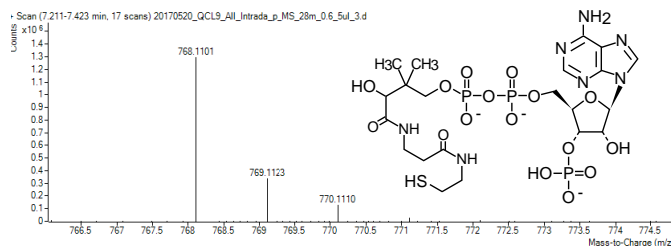
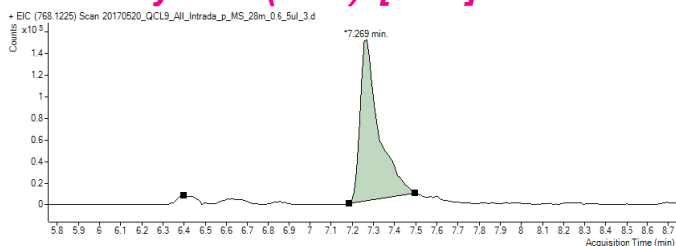


**LC-TOFMS: Coenzymes**

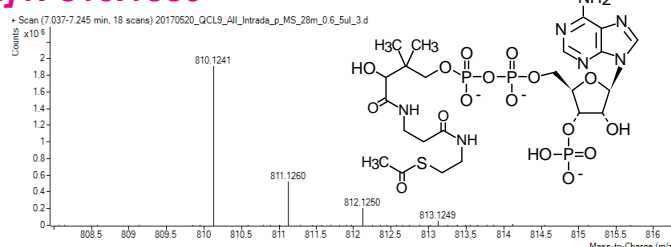
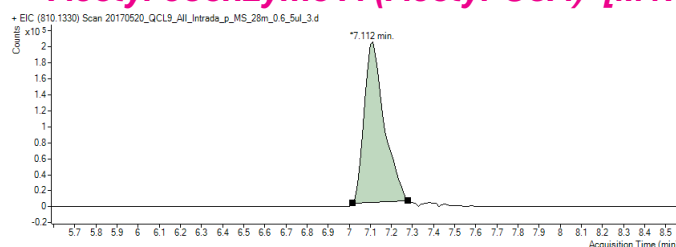
補酵素のLC-TOFMS分析

Metabolomics Core Facility  
McGill University  
GB 2017/06/16

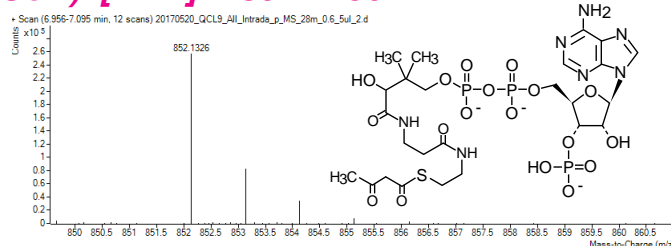
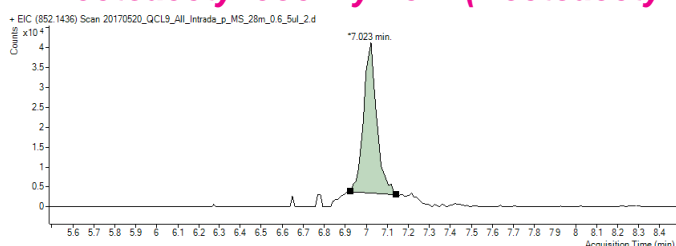
**Coenzyme A (CoA) [M+H]<sup>+</sup>: 768.1225**



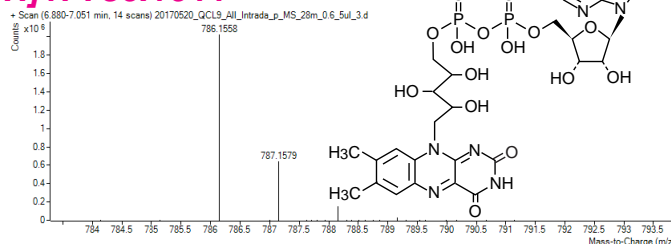
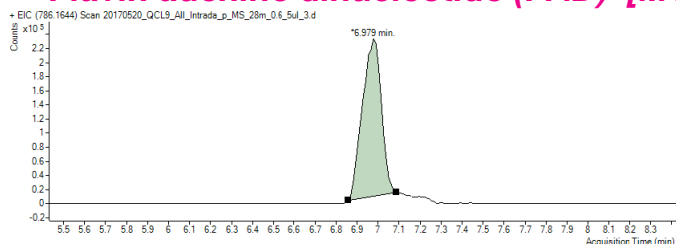
**Acetyl coenzyme A (Acetyl-CoA) [M+H]<sup>+</sup>: 810.1330**



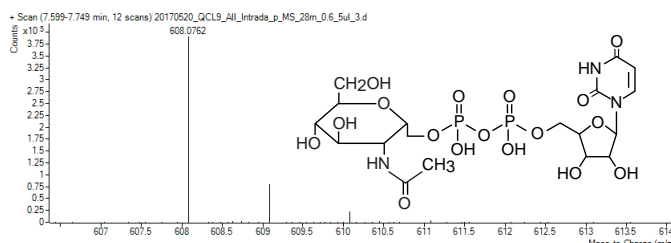
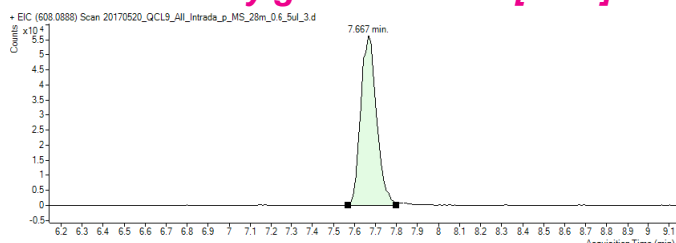
**Acetoacetyl coenzyme A (Acetoacetyl-CoA) [M+H]<sup>+</sup>: 852.1436**



**Flavin adenine dinucleotide (FAD) [M+H]<sup>+</sup>: 786.1644**



**UDP-N-Acetylglucosamine [M+H]<sup>+</sup>: 608.0888**



Intrada Amino Acid, 150x3mm

A) ACN/HCOOH = 100 / 0.3, B) 100mM HCOONH<sub>4</sub> in 20% ACN / 80% water  
0-27%B (0-3min), 27-100%B (3-19.5min), 100%B (19.5-25min), 0%B (25-32min)  
0.6 mL/min, 10°C, 5μL (ca. 1mM in water)

Agilent 1290 Infinity UHPLC - 6540 UHD Accurate-Mass Q-TOF mass spectrometer (ESI+)

Courtesy of Dr.Gaëlle Bridon and Dr.Daina Avizonis, McGill University, CANADA