

Mass spectrometry (MS) analyses

- Screening analysis of metabolites and lipids by UHPLC-HRMS (ultra-high performance liquid chromatography combined with high-resolution mass spectrometry)
- Analysis of proteins using UHPLC-HRMS-based methods: Intact mass analysis, peptide mapping experiments and analysis of released glycans
- Structure confirmation and compound identification based on HR-MS experiments
- Targeted, quantitative analysis of volatile and semi-volatile compounds such as sterols, free and esterified fatty acids, using gas chromatography-MS (GC-MS)
- Targeted, quantitative analysis of, e.g. mycotoxins, intracellular metabolites or lipids with liquid chromatography-tandem mass spectrometry (LC-MS/MS) by using a multiple reaction monitoring (MRM) technique
- Fast LC-MS/MS analysis of metabolites directly from microtiter plates in our high-throughput screening platform with a screening robot.