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Conjugate Io	nization mo	de Scan
Glucuronides	pos/neg	NL 176 amu
Hexose sugar	pos/neg	NL 162 amu
Pentose sugar	pos/neg	NL 132 amu
Phenolic sulphate	pos	NL 80 amu
Phosphate	neg	Precursor of m/z 79
Aryl-GSH	pos	NL 275 amu
Aliphatic-GSH	pos	NL 129
taurines	Pos	Precursor of m/z 126
N-acetylcysteins	neg	NL 129 amu
NL = neutral loss.		Kostiainen et al., 2003



































Conclusions

- Identifying unknown metabolites is a significant analytical challenge in metabolomics and it requires integrated analytical and bioinformative approaches.
- The use of high-resolution MS and MSⁿ provides important information to propose structures of fragment and precursor ions.
- Only an integrated approach can describes multitude of metabolites present in a biological sample.