Positive ionisation mode Quarternary ammonium amines-Other amines-Polar amino acids-Sulphur-containing amino acids-Acidic amino acids-Aromatic amino acids-Arginine derivatives (guanidines)-Tryptophan derivatives (indoles)-Histidine derivatives (imidazoles) Nonpolar amino acids-Carbohydrate phosphates-Carbohydrates-Chemical subclass Carbohydrate amines-Carbohydrate amino-phosphates-Hydroxy acids-Detected? Carboxylic acids-No Keto acid-Aromatic acids Yes Carboxylic acid phosphate Glycerophospholipids -Steroids and steroid derivatives -Fatty acyl-Sphingolipids-Glycerolipids-Prenol lipids-**Nucleotides** Nucleobases and analogs Nicotinamide derivatives **Nucleosides** Vitamins and cofactors CoA and derivatives Flavins-**Folates** 15 10 Number of compounds