

### 12.5.2 Isotope mass spectrometry

#### **Acceleration mass spectrometry**

See 12.2.

#### **Deuteration**

This term is used to represent replacement of protium by deuterium.

#### **Isotopic scrambling**

This term is only to be used to denote the complete random mixing of isotopes between specified positions in an ion or neutral species. The term 'partial scrambling' is not recommended.

#### **Monoisotopic mass spectrum**

This is a spectrum containing only ions made up of the principal isotopes of atoms making up the original molecule.