

MT Explorer 50

Interfaced with DART Ion Source for Small Molecule Applications

A compact tandem mass analyzer with performance of a desktop instrument
- ideal for field and lab hood use

Features:

Semi- and low-volatile compound analysis

Fast Response

No sample preparation

Tandem MS capability

Mass accuracy: 0.3 Da

Weight: 75 lbs

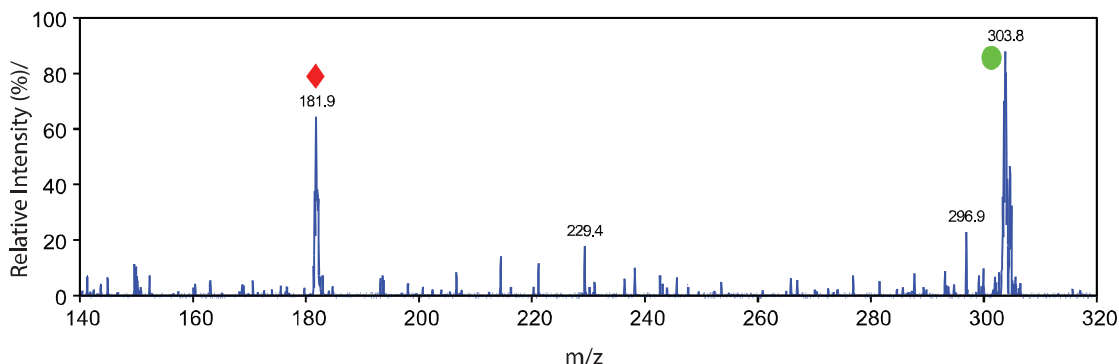
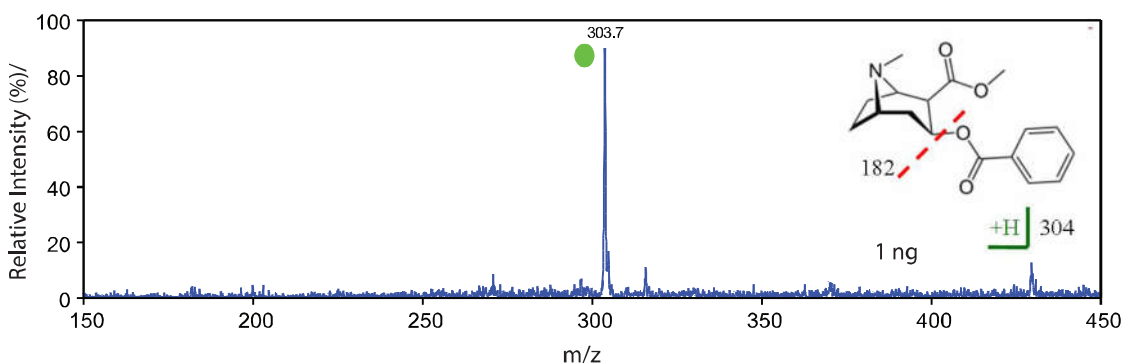
Dimension: 12" x 17" x 20"

Power: 100-300 W (AC or DC)



MT Explorer 50 in combination with DART

Detection of Narcotics



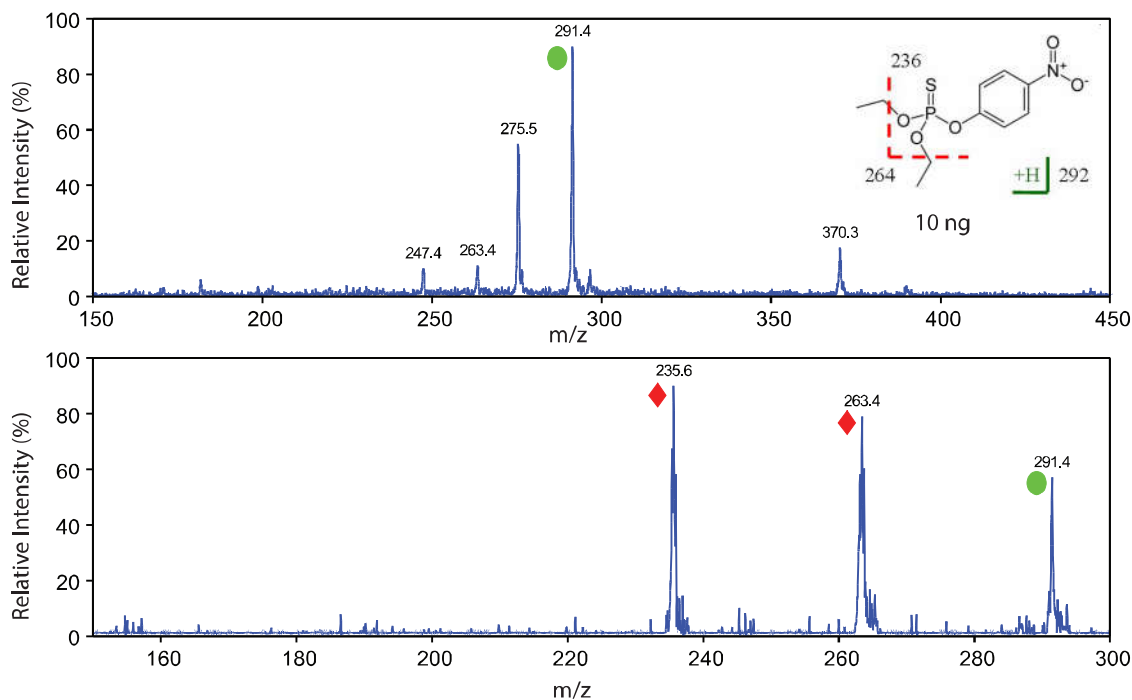
DART MS and DART MS/MS spectra of Cocaine. The molecular ion is indicated with green circle; fragment ions are indicated with red diamonds.

ionSense®

MT Explorer 50

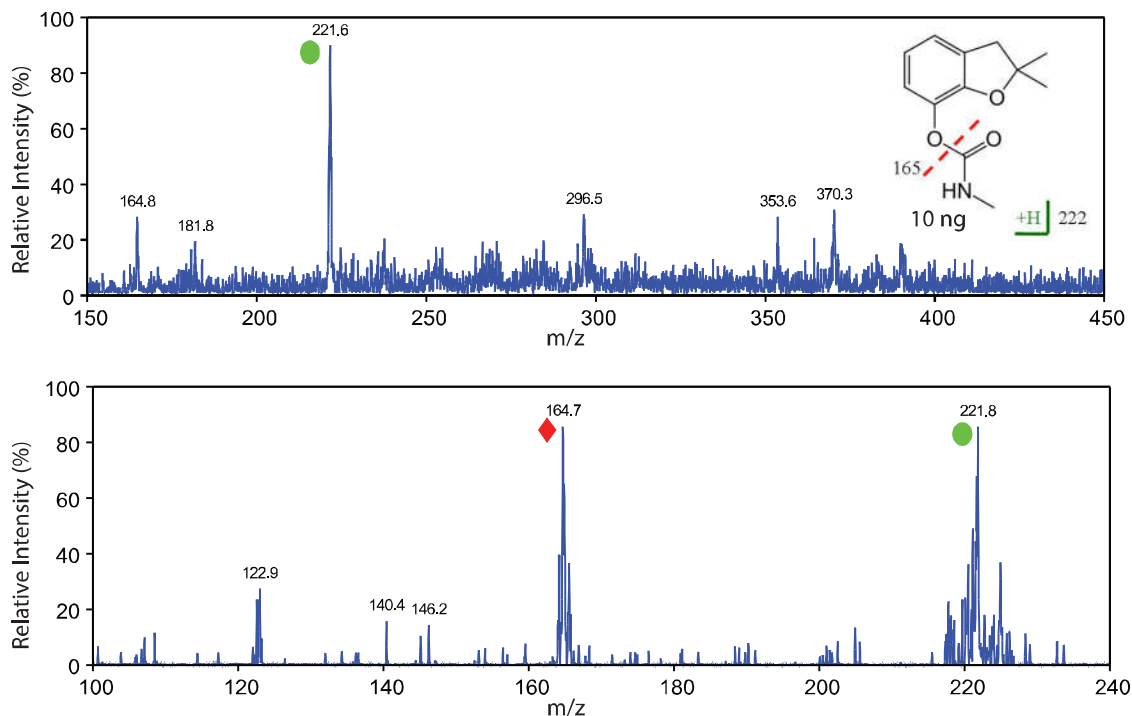
Detection of Pesticides

Parathion



DART MS and DART MS/MS spectra of Parathion. The molecular ion is indicated with green circle; fragment ions are indicated with red diamonds.

Carbofuran



DART MS and DART MS/MS spectra of Carbofuran. The molecular ion is indicated with green circle; fragment ions are indicated with red diamonds.

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