

## MS/MS Parameters of Pesticides

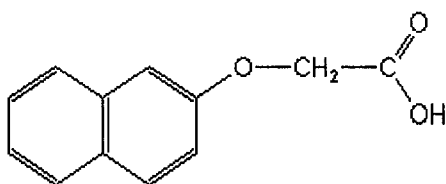
### Analyte: 2-Naphthoxyacetic acid

CAS No.: 120-23-0

Formula: C<sub>12</sub>H<sub>10</sub>O<sub>3</sub>

Molecular mass (lowest isotopes): 202,06 amu

Structure:



Ionisation: ESI +

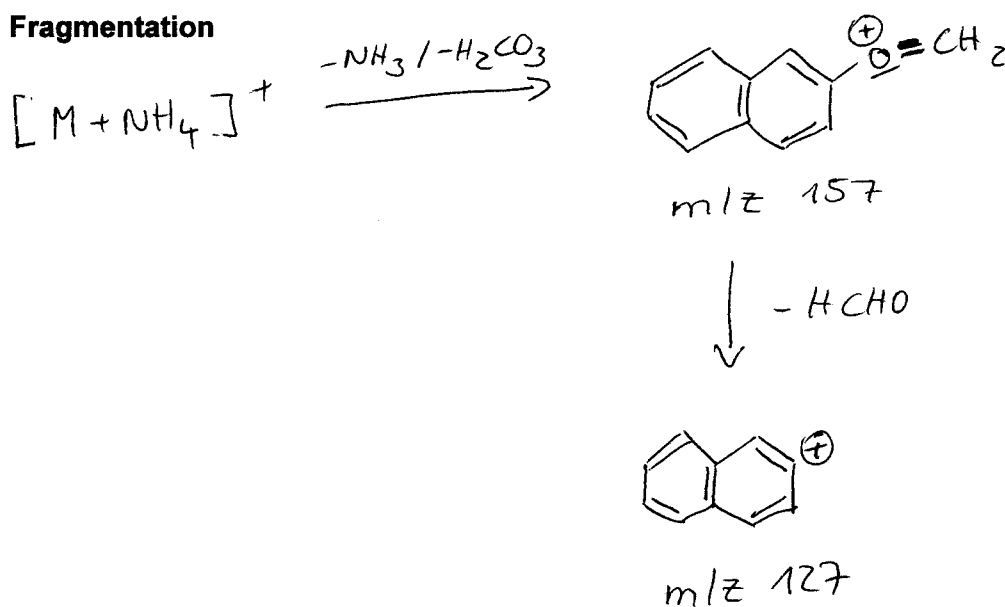
Quasimolecular ion: 220,1 amu = [M+NH<sub>4</sub>]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	220,1 → 157,1	220,1 → 127,1
Declustering potential (DP) <sup>*)</sup>	36V	36 V
Focusing potential (FP)	370 V	330 V
Entrance potential (EP)	12,0 V	9,0 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	19 V	43 V
Collision cell exit potential (CXP)	8 V	6 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050808082959.wiff (Turbo Spray)

Max. 3.1e8 cps

