

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

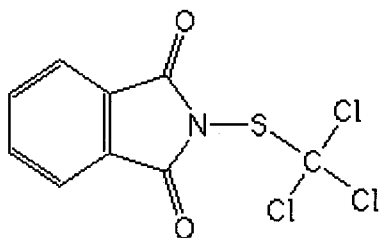
### Analyte: Folpet

CAS No.: 133-07-3

Formula: C<sub>9</sub>H<sub>4</sub>Cl<sub>3</sub>NO<sub>2</sub>S

Molecular mass (lowest isotopes): 294,90 amu

Structure:



Ionisation: ESI +

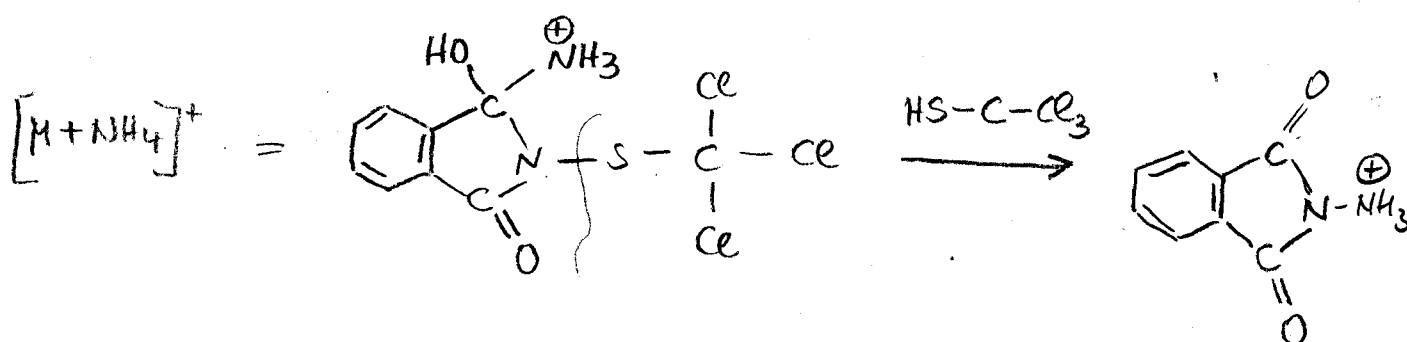
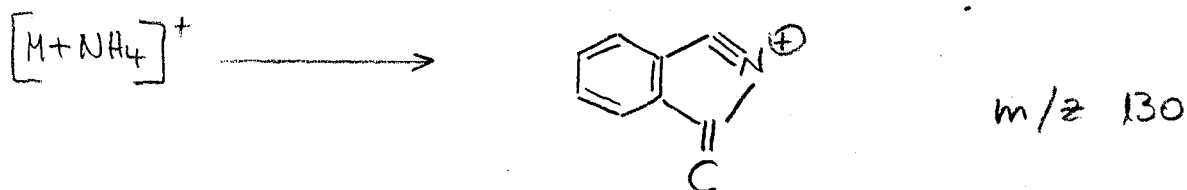
Quasimolecular ion: 314,9 amu = [M+NH<sub>4</sub>]<sup>+</sup>

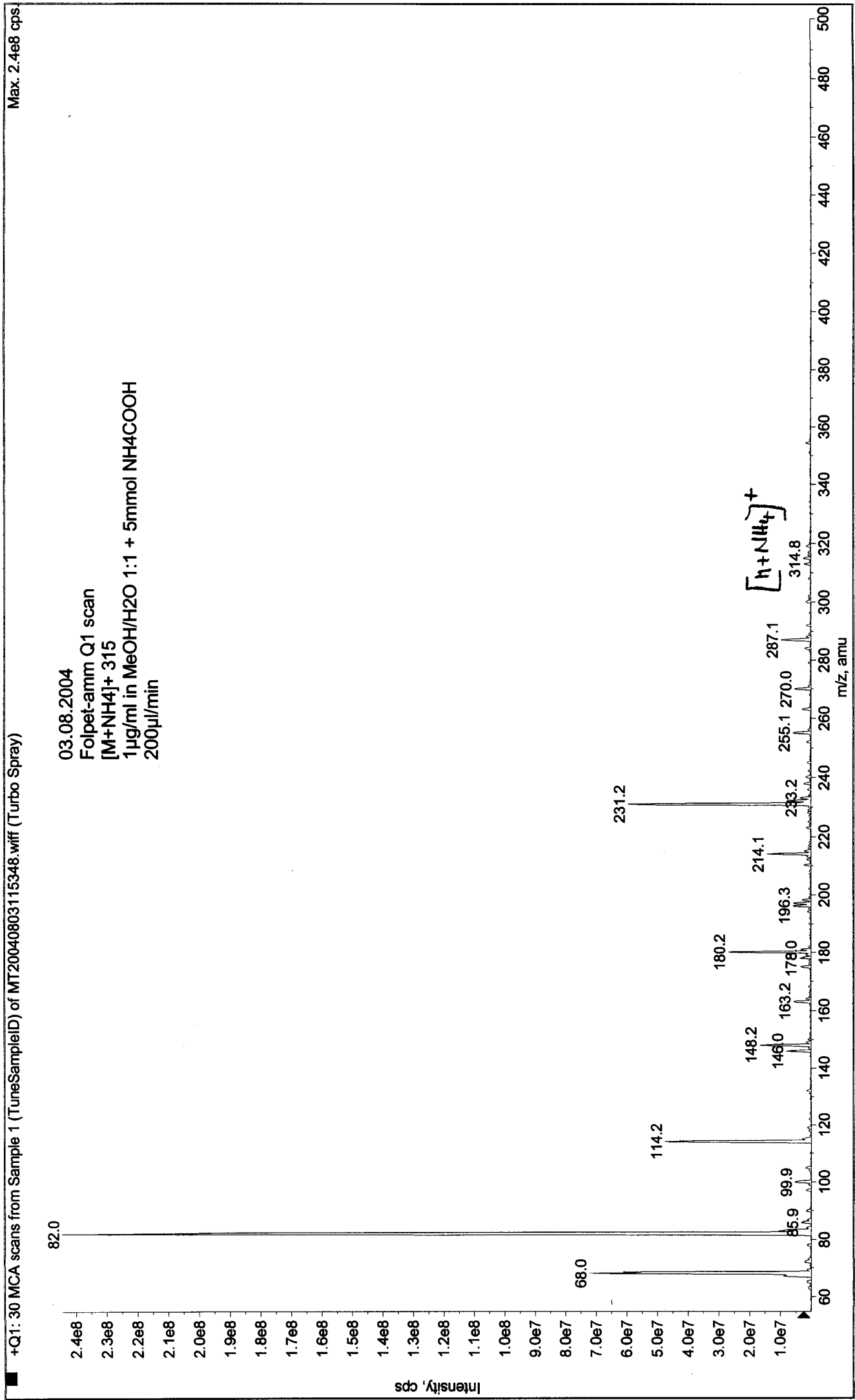
Analyte sensitive parameter set (API 2000)

Transition	314,9 → 130,1	314,9 → 163,0
Declustering potential (DP) <sup>*)</sup>	1 V	1 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,0 V	9,5 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	39 V	19 V
Collision cell exit potential (CXP)	6 V	8 V

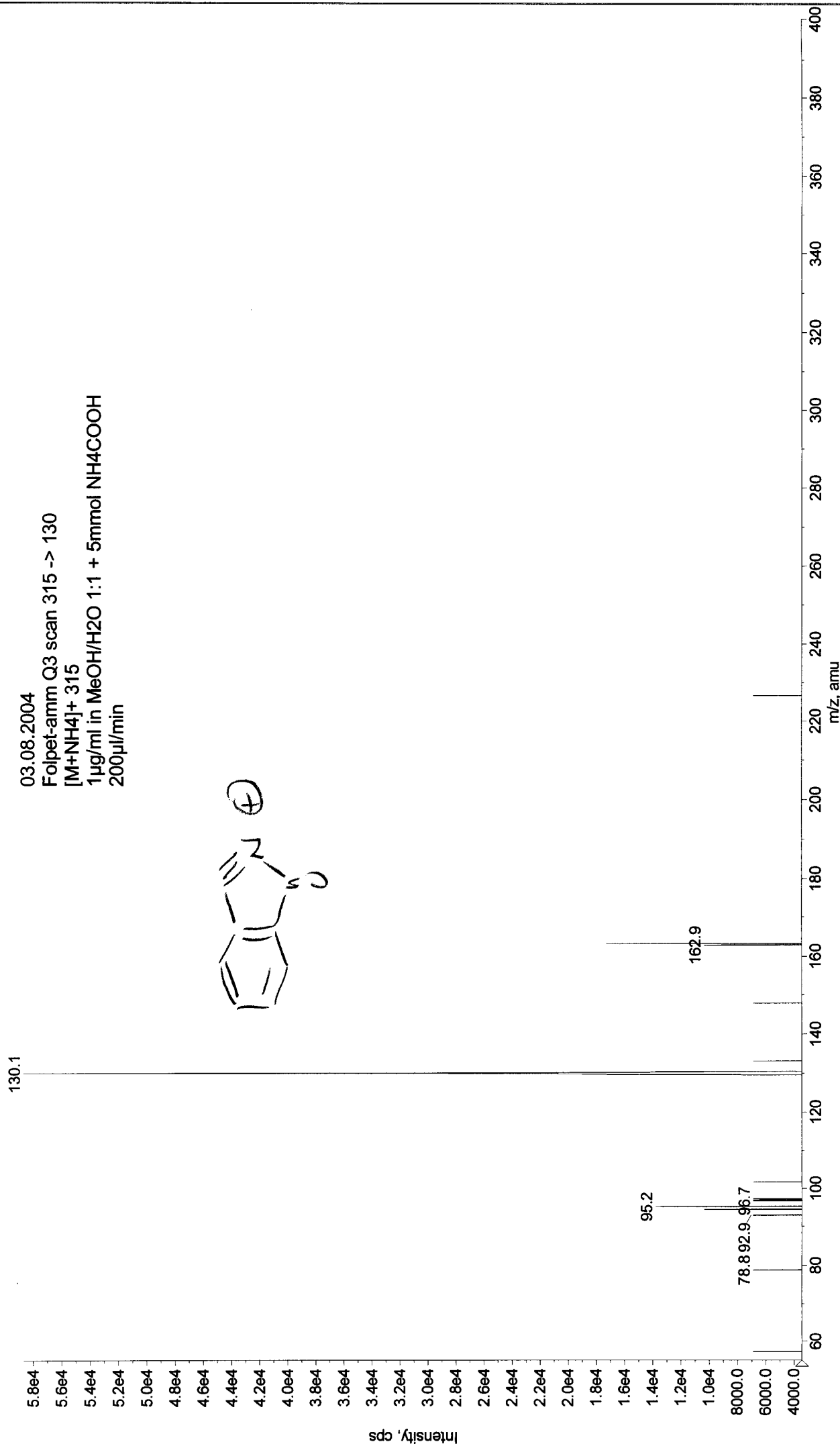
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation





+MS2 (315.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040803115544.wiff (Turbo Spray) Max. 5.9e4 cps



■ +MS2 (313.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040803115746.wiff (Turbo Spray) Max. 5.2e4 cps.

