

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

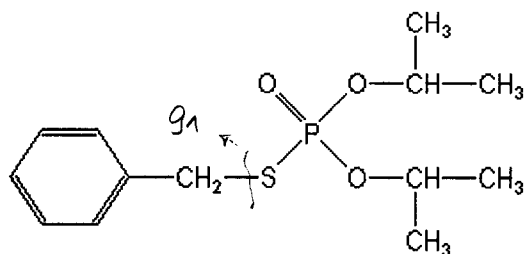
### Analyte: Iprobenfos

CAS No.: 26087-47-8

Formula: C<sub>13</sub>H<sub>21</sub>O<sub>3</sub>PS

Molecular mass (lowest isotopes): 288,10 amu

Structure:



Ionisation: ESI +

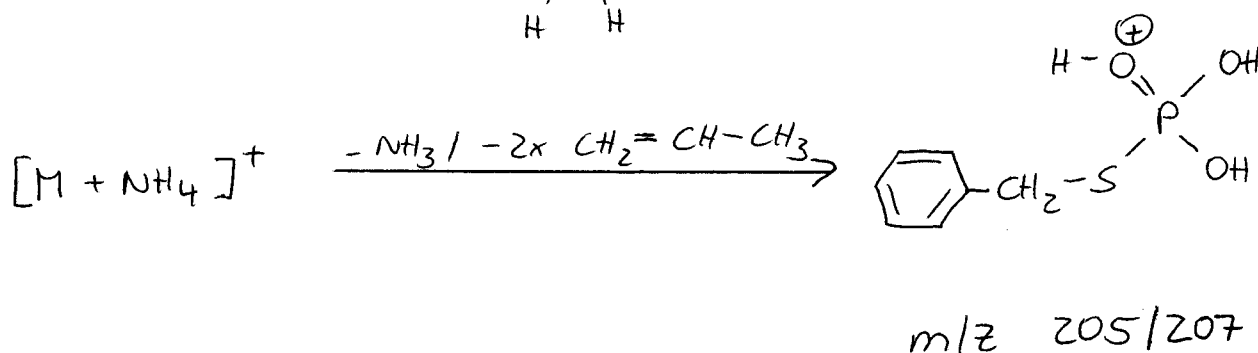
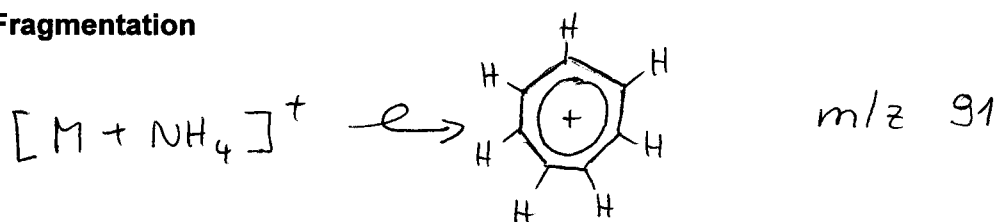
Quasimolecular ion: 306,1 amu = [M+NH<sub>4</sub>]<sup>+</sup>

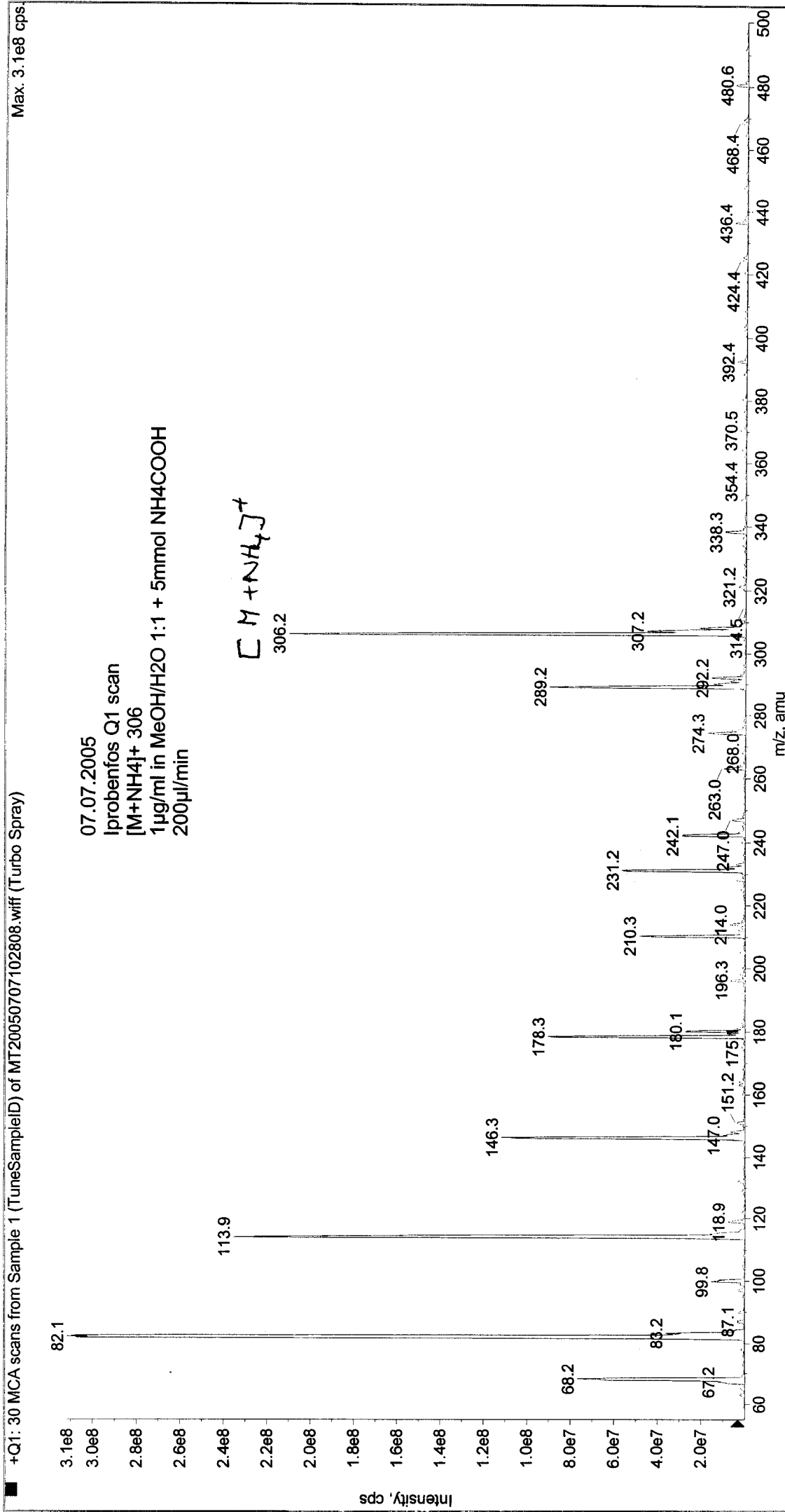
Analyte sensitive parameter set (API 2000)

Transition	306,1 → 91,1	306,1 → 205,1
Declustering potential (DP) <sup>*)</sup>	1 V	1 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	9,5 V	8,5 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	35 V	19 V
Collision cell exit potential (CXP)	4 V	10 V

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

### Fragmentation





Printing Time: 10:32:11  
Printing Date: Thursday, July 07, 2005

Acq. Time: 10:30  
Acq. Date: Thursday, July 07, 2005  
Acq. File: MT20050707103056.wiff

Sample Comment:  
Sample Name: TuneSampleID  
Batch Name: ManualTune.bat

