

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

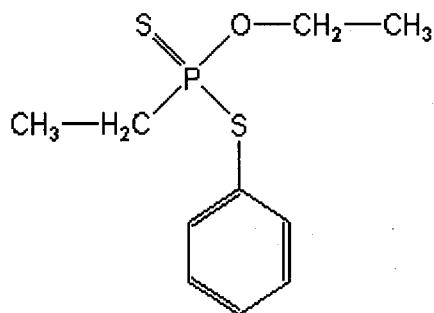
Analyte: Fonofos

CAS No.: 944-22-9

Formula: C₁₀H₁₅OPS₂

Molecular mass (lowest isotopes): 246,03 amu

Structure:



Ionisation: ESI +

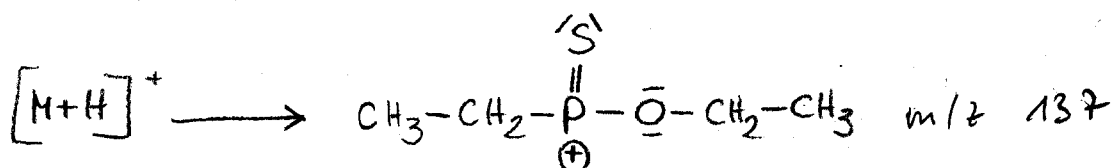
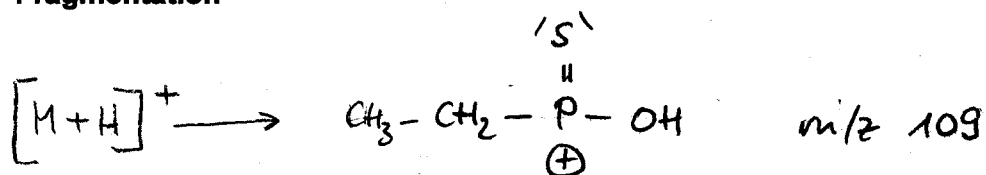
Quasimolecular ion: 247,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	247,0 → 109,1	247,0 → 137,0
Declustering potential (DP) ^{*)}	11 V	11 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,5 V	9,5 V
Collision cell entrance potential (CEP)	18 V	16 V
Collision energy (CE)	25 V	15 V
Collision cell exit potential (CXP)	6 V	8 V

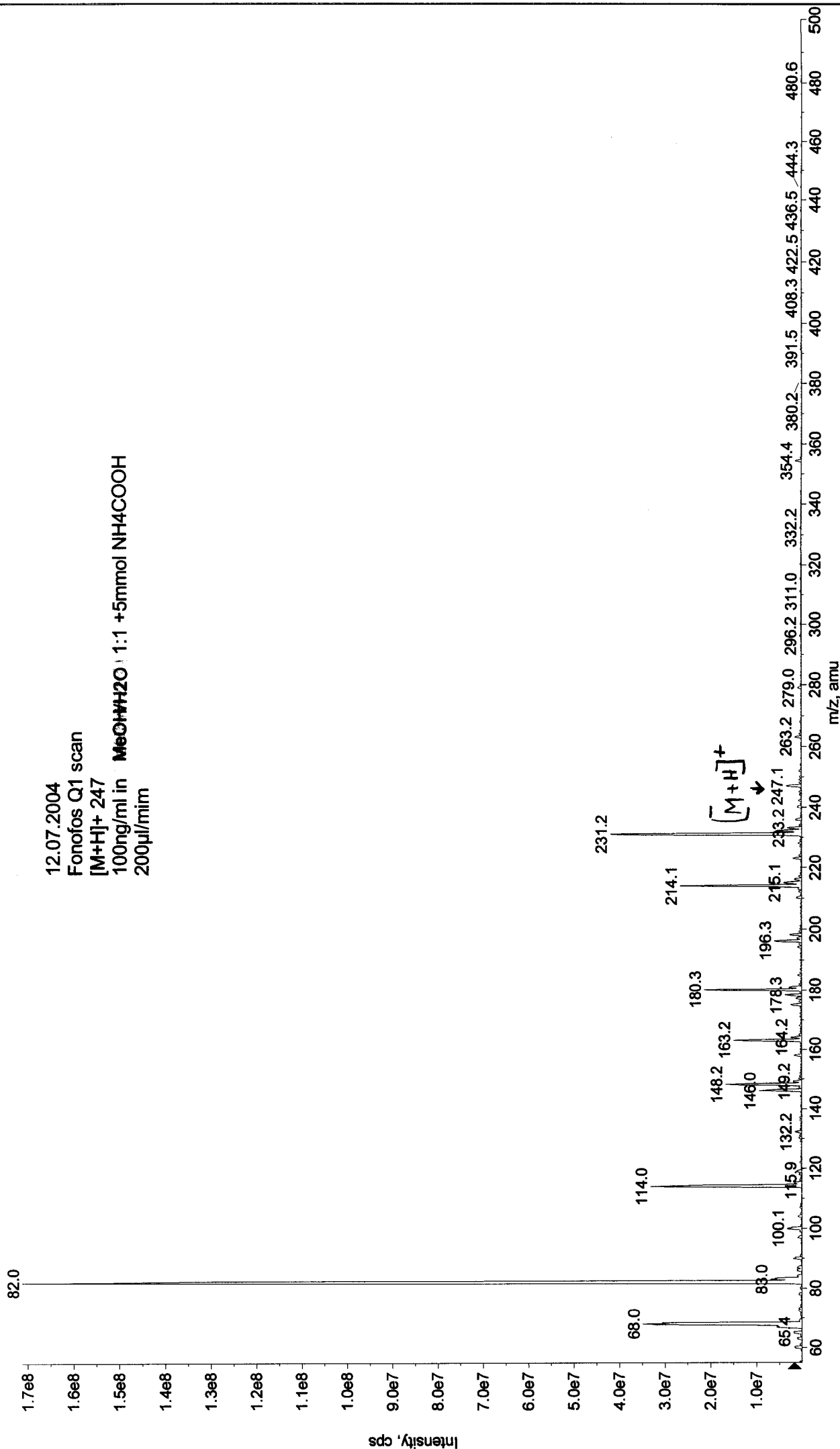
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040712111912.wiff (Turbo Spray)

Max. 1.7e8 cps

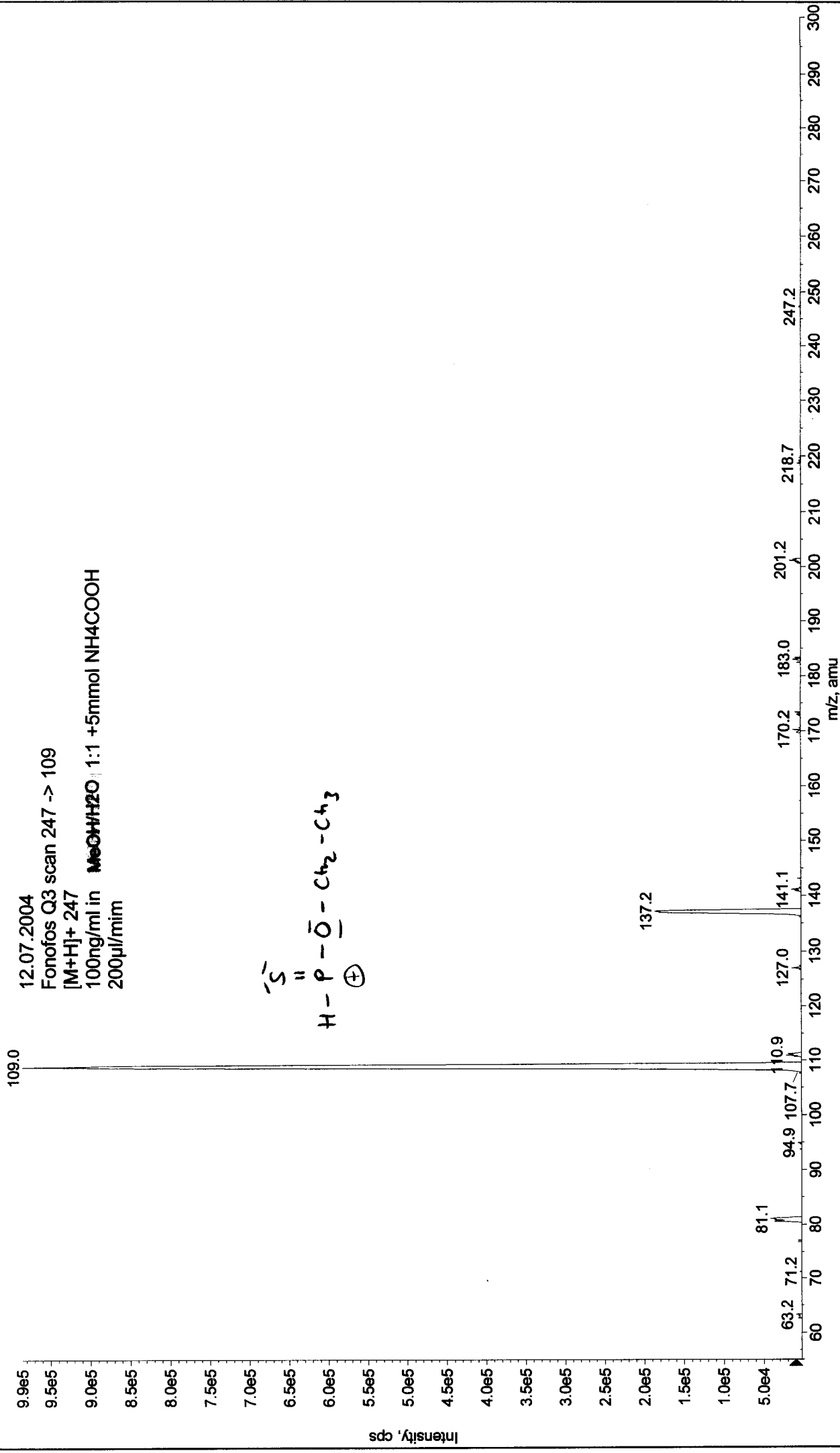


Printing Time: 11:22:26
Printing Date: Monday, July 12, 2004

Acq Time: 11:21
Acq Date: Monday, July 12, 2004
Acq File: MT20040712112122.wiff

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

+MS2 (247.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040712112122.wiff (Turbo Spray) Max. 9.9e5 cps.



+MS2 (249.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040712112410.wiff (Turbo Spray) Max: 5.6e4 cps.

