

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

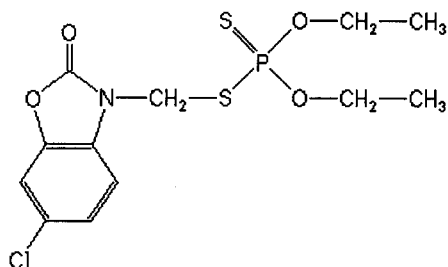
Analyte: Phosalone

CAS No.: 2310-17-0

Formula: C₁₂H₁₅ClNO₄PS₂

Molecular mass (lowest isotopes): 366,99 amu

Structure:



Ionisation: ESI +

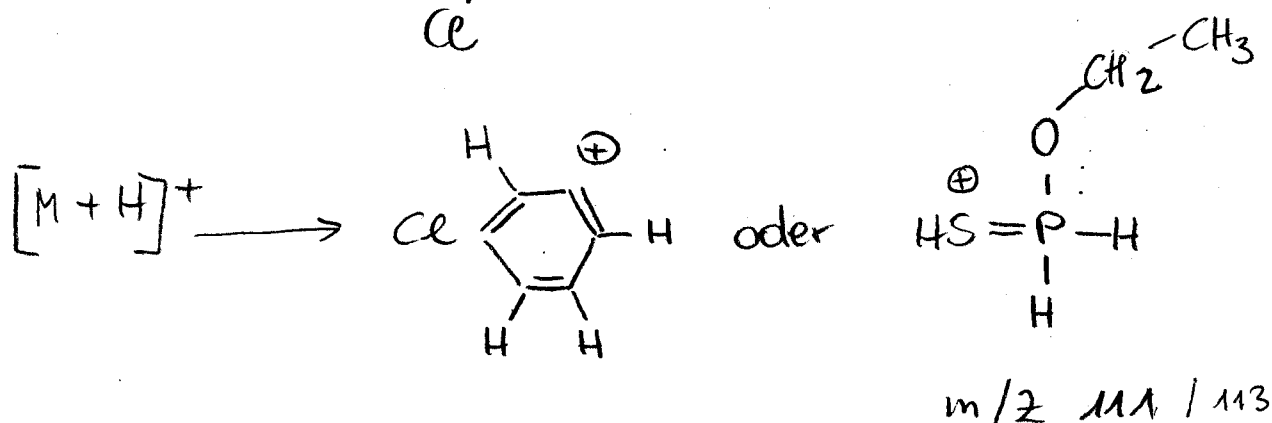
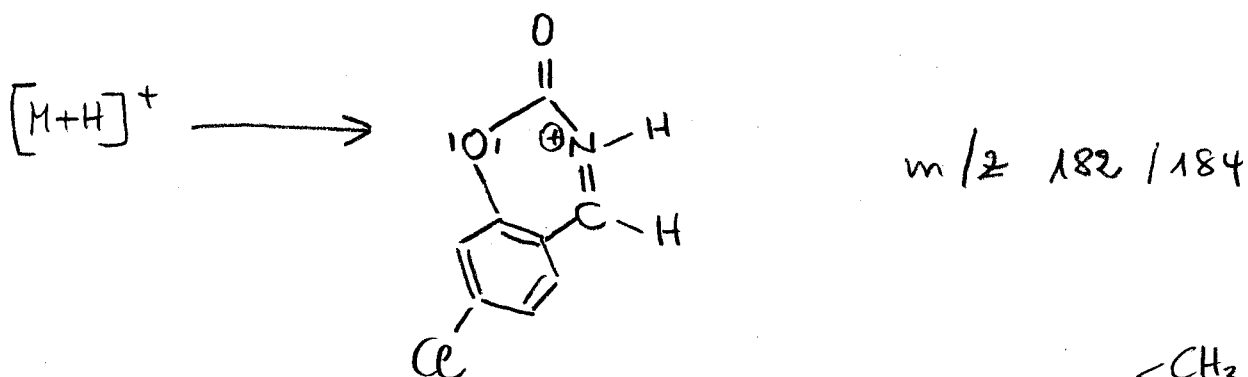
Quasimolecular ion: 367,9 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

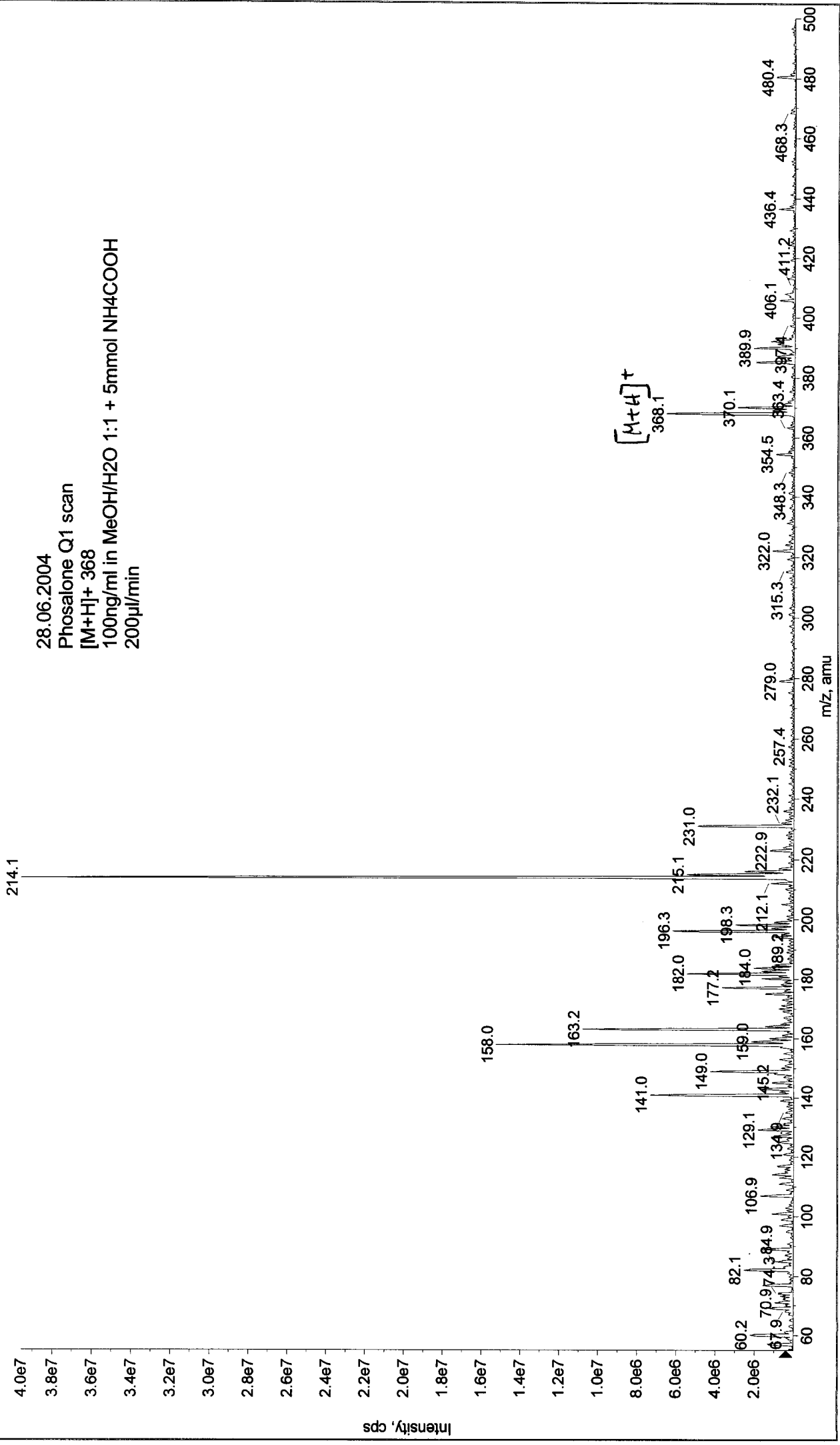
Transition	367,9 → 182,0	367,9 → 110,9
Declustering potential (DP) ^{*)}	51 V	51 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	12,0 V	11,0 V
Collision cell entrance potential (CEP)	24 V	24 V
Collision energy (CE)	21 V	51 V
Collision cell exit potential (CXP)	10 V	6 V

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

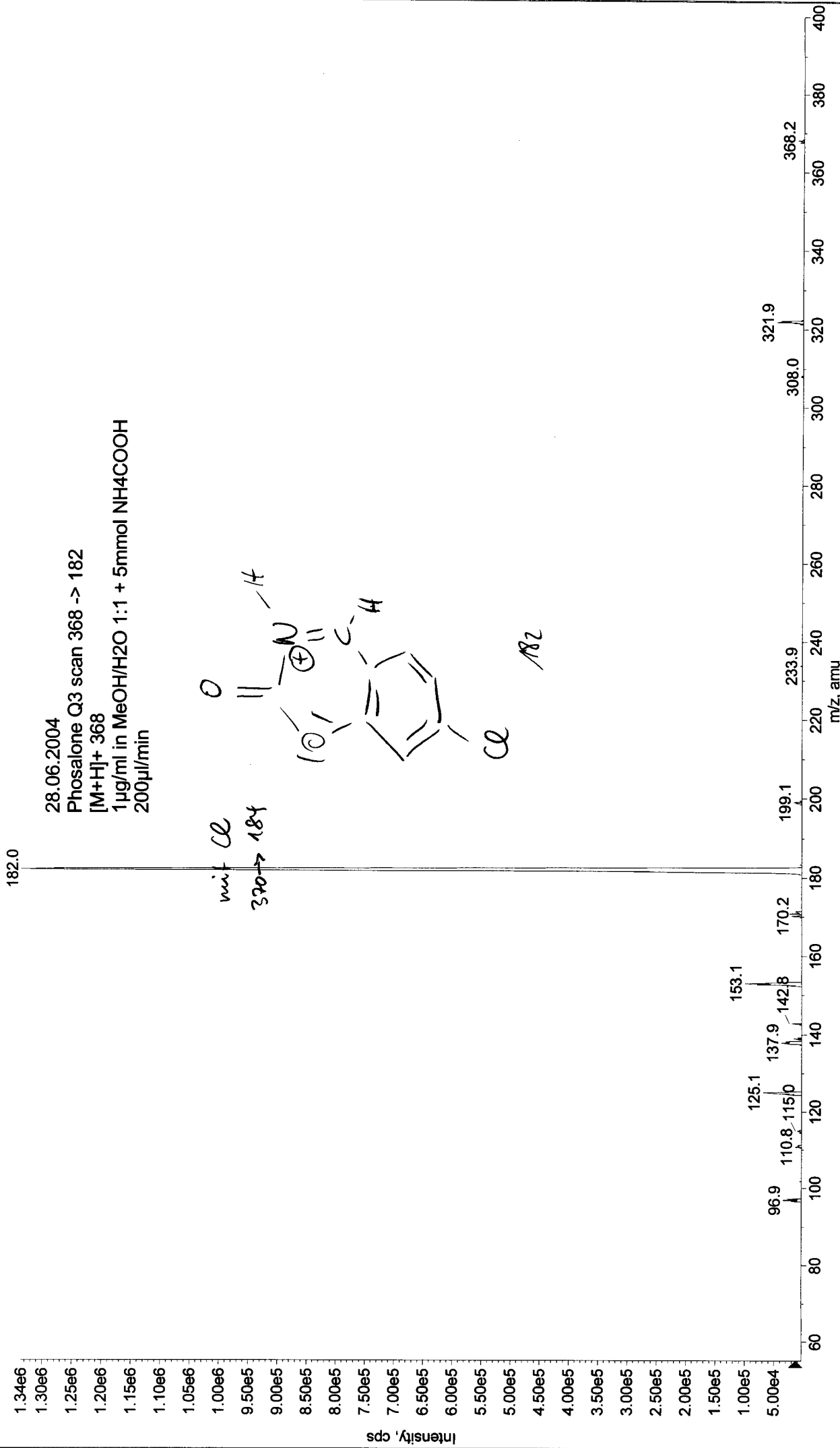
Fragmentation



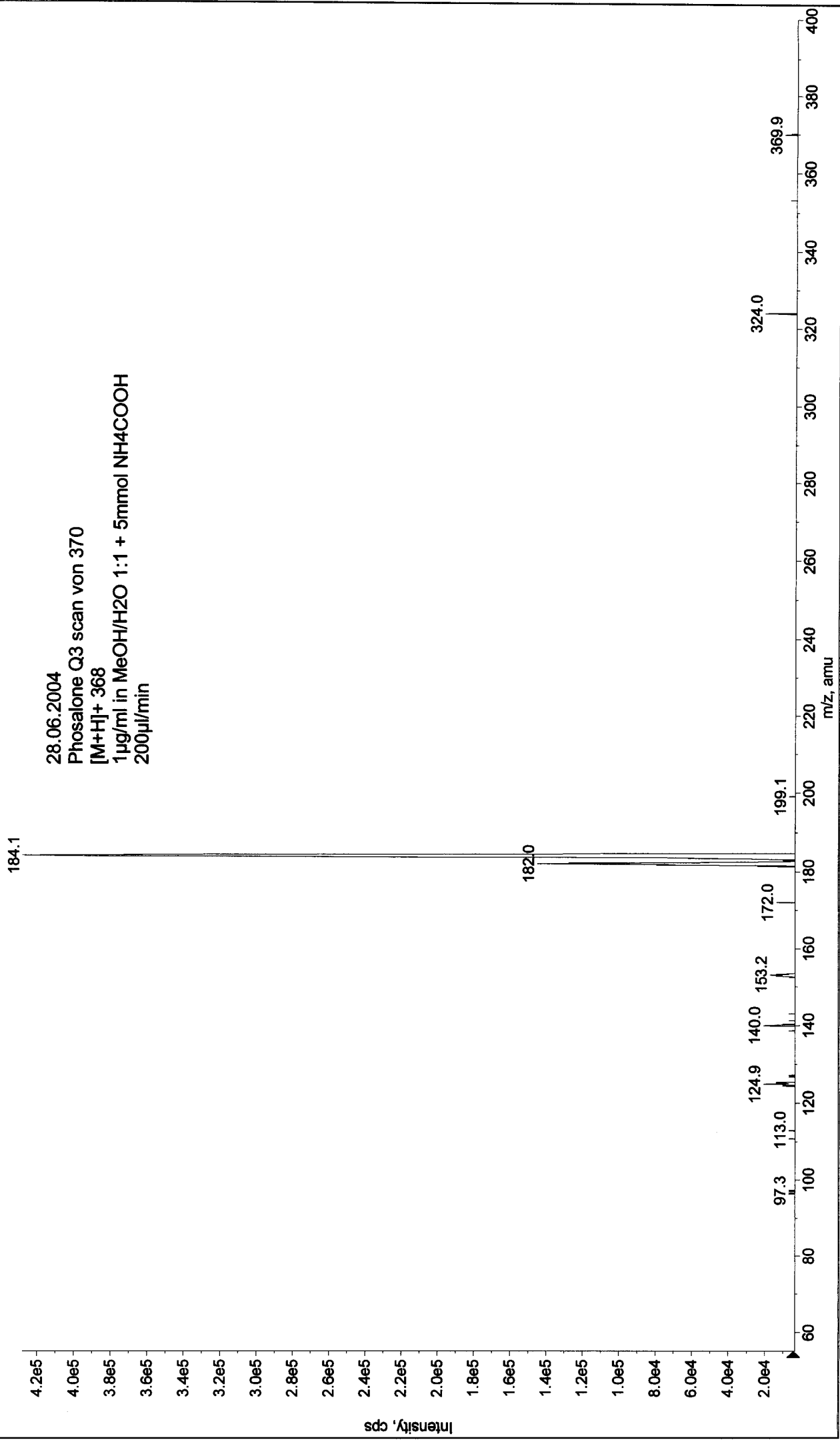
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040628121854.wiff (Turbo Spray) Max. 4.0e7 cps



+MS2 (368.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040628114316.wiff (Turbo Spray) Max. 1.3e6 cps



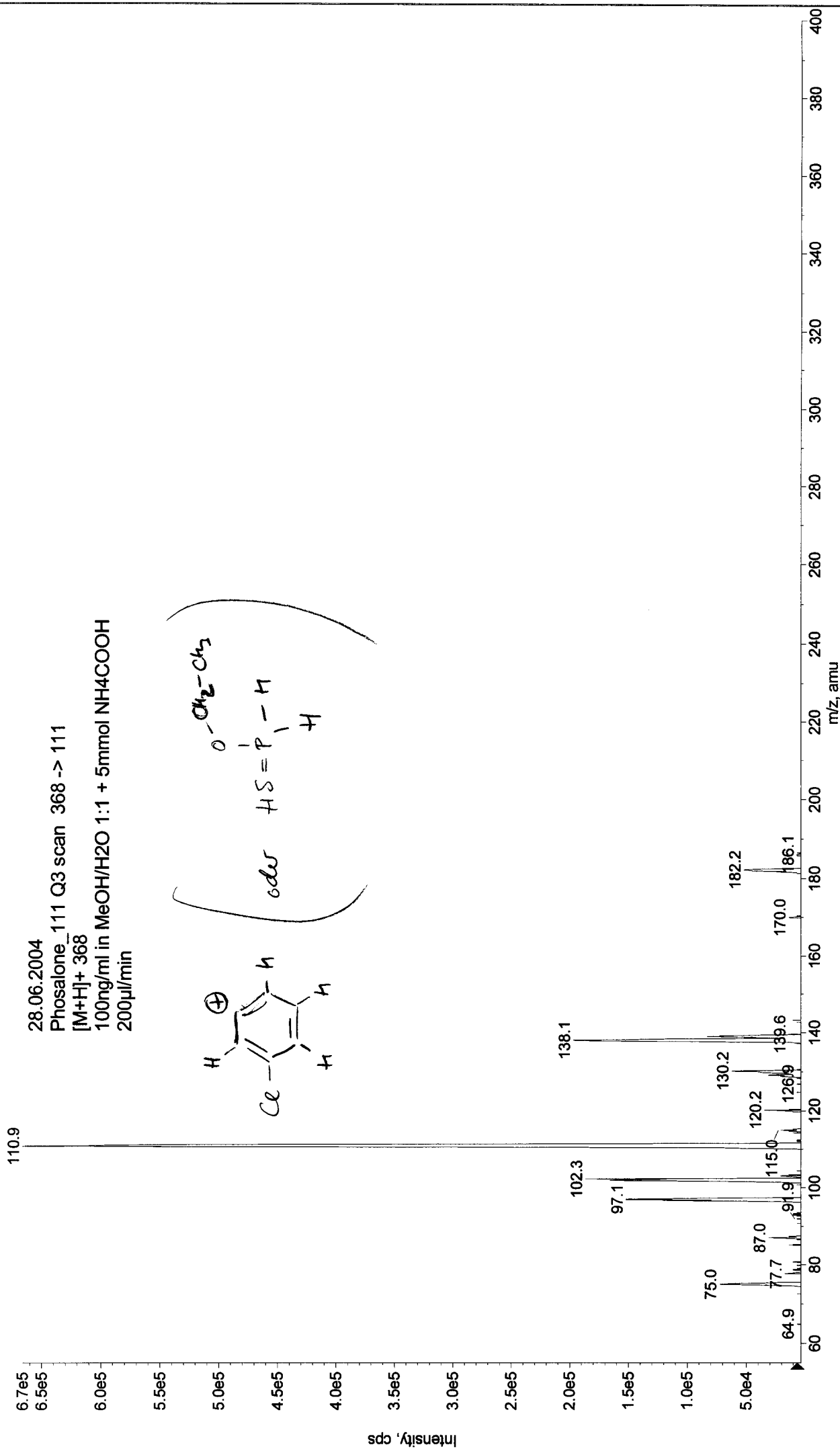
+MS2 (370.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040628114529.wiff (Turbo Spray) Max. 4.3e5 cps



Printing Time: 12:29:26
Printing Date: Monday, June 28, 2004

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

+MS2 (368.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040628122812.wiff (Turbo Spray)	Max. 6.7e5 cps.
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Printing Time: 12:30:56
Printing Date: Monday, June 28, 2004

Acq Time: 12:29
Acq Date: Monday, June 28, 2004
Acq. File: MT20040628122940.wiff

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

