

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

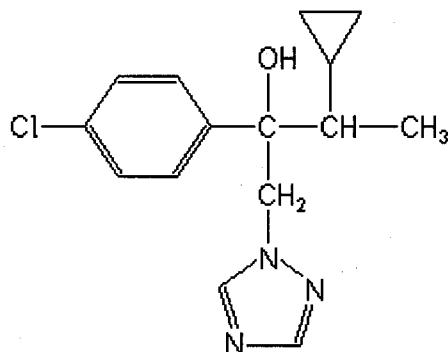
Analyte: Cyproconazole

CAS No.: 94361-06-5

Formula: C₁₅H₁₈ClN₃O

Molecular mass (lowest isotopes): 291,11 amu

Structure:



Ionisation: ESI +

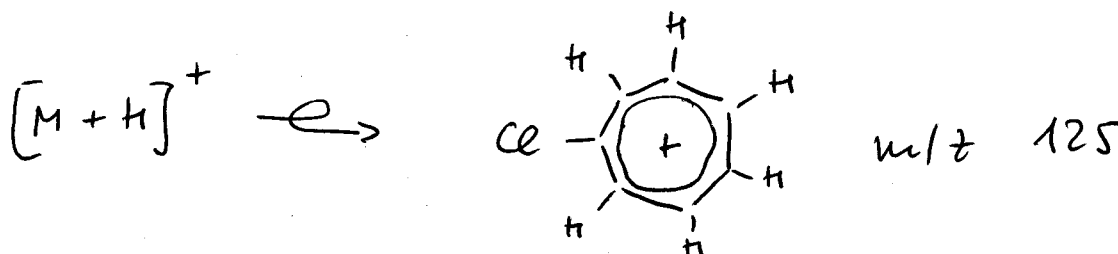
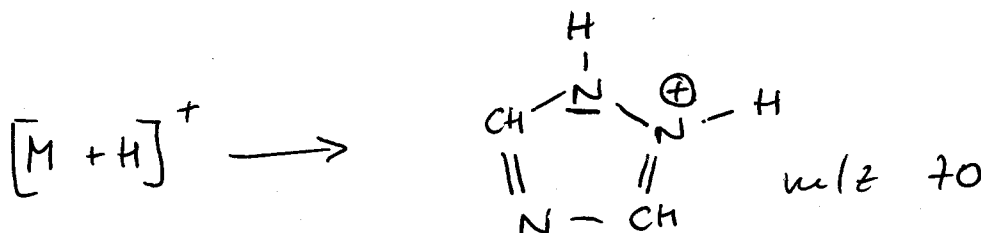
Quasimolecular ion: 292,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	292,1 → 70,2	292,1 → 125,1
Declustering potential (DP) ^{*)}	16V	16 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,0 V	10,0 V
Collision cell entrance potential (CEP)	18 V	18 V
Collision energy (CE)	35 V	35 V
Collision cell exit potential (CXP)	10 V	6 V

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

Fragmentation



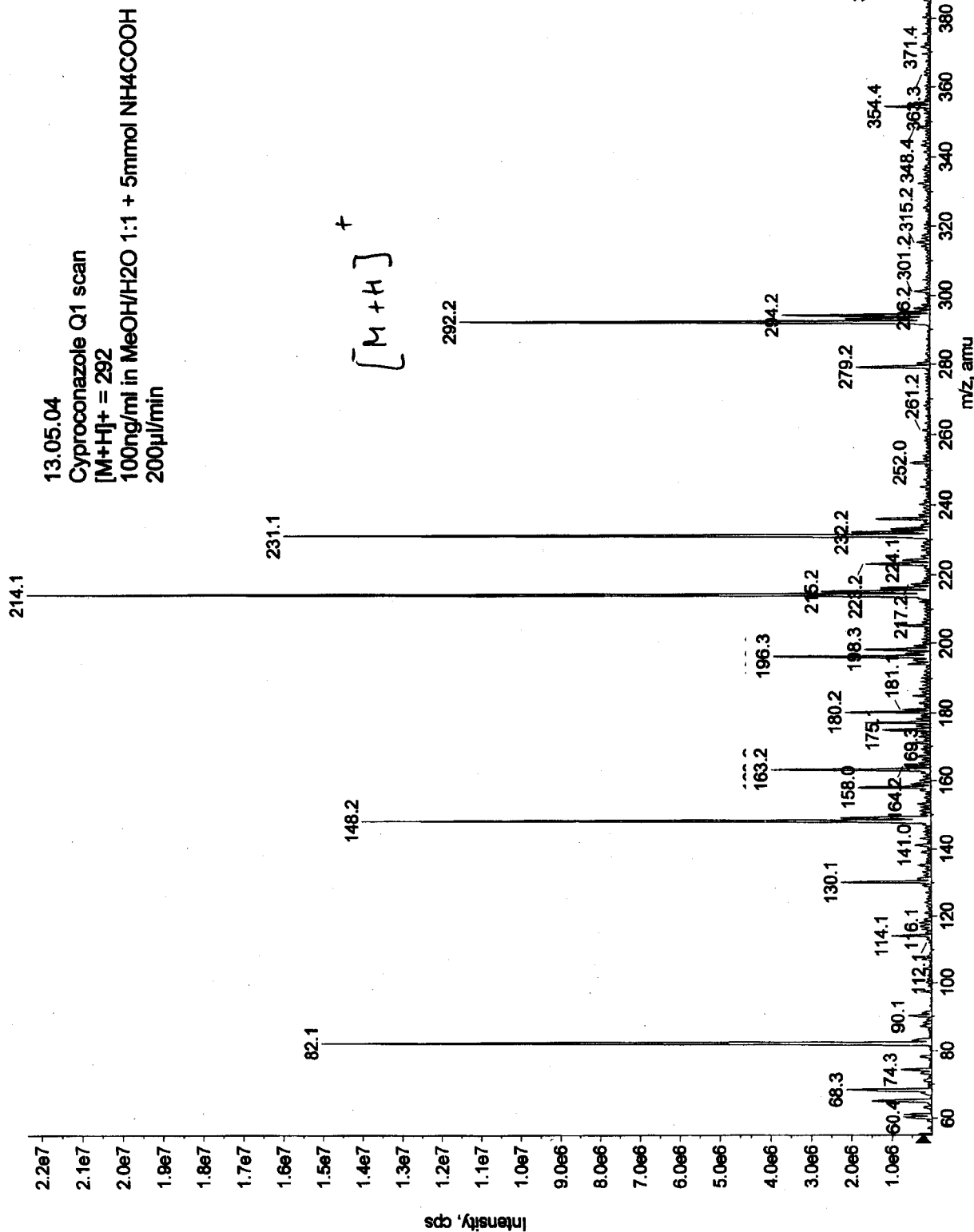
Printing Time: 15:02:43
Printing Date: Thursday, May 13, 2004

Acq. Time: 15:01
Acq. Date: Thursday, May 13, 2004
Acq. File: MT20040513150118.wiff

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

Max. 2.2e7 cps.

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040513150118.wiff (Turbo Spray)



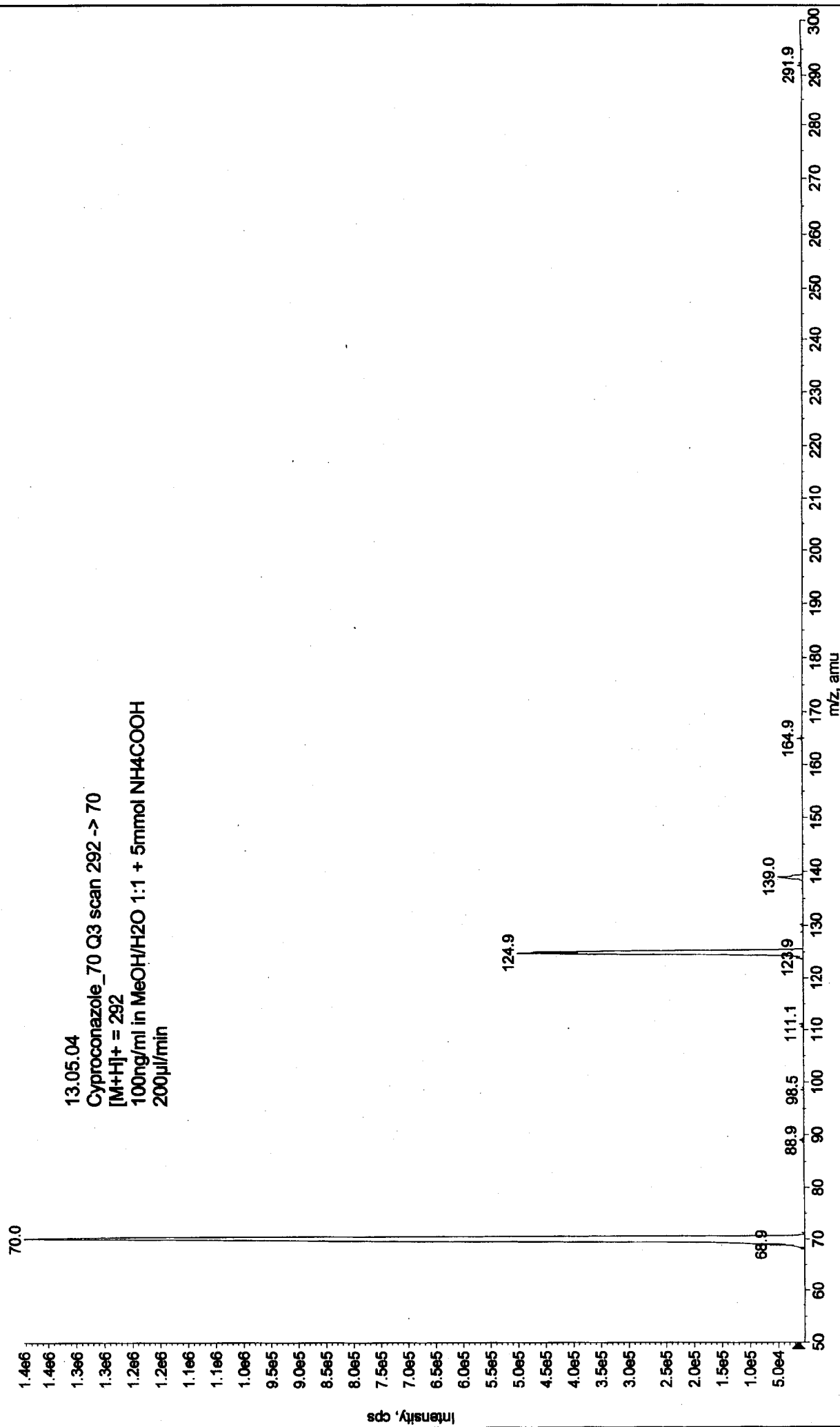
Printing Time: 15:12:54
Printing Date: Thursday, May 13, 2004

Acq Time: 15:11
Acq Date: Thursday, May 13, 2004
Acq File: MT20040513151140.wiff

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

+MS2 (292.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040513151140.wiff (Turbo Spray)

Max. 1.4e6 cps.



Printing Time: 15:05:36
Printing Date: Thursday, May 13, 2004

Acq Time: 15:04
Acq Date: Thursday, May 13, 2004
Acq File: MT20040513150417.wiff

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

Max. 1.3e6 cps

■ +MS2 (292.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040513150417.wiff (Turbo Spray)

