

## MS/MS Parameters of Pesticides

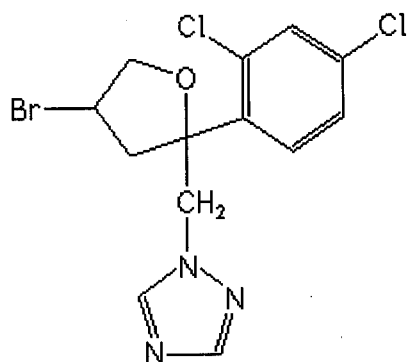
### Analyte: Bromuconazole

CAS No.: 116255-48-2

Formula:  $C_{13}H_{12}BrCl_2N_3O$ 

Molecular mass (lowest isotopes): 374,95 amu

Structure:



Ionisation: ESI +

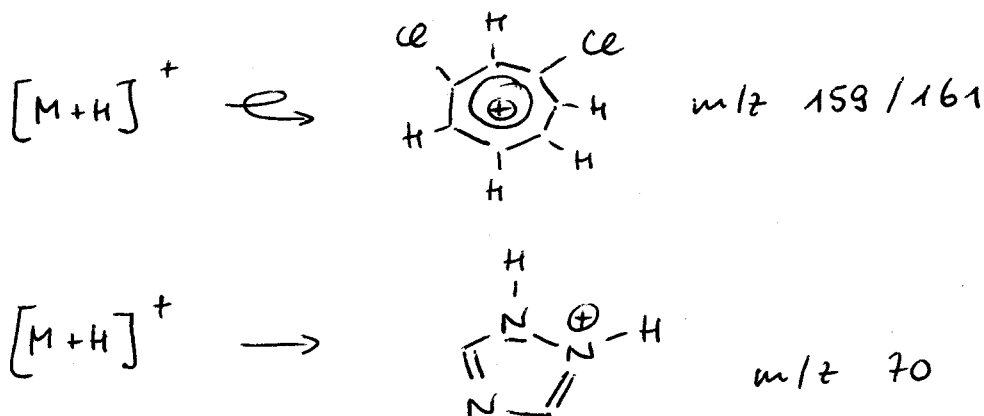
Quasimolecular ion: 378,0 amu =  $[M+H]^+$ 

Analyte sensitive parameter set (API 2000)

Transition	378,0 → 159,0	378,0 → 69,9
Declustering potential (DP)*)	46 V	46 V
Focusing potential (FP)	360 V	330 V
Entrance potential (EP)	8,5 V	10,0 V
Collision cell entrance potential (CEP)	22 V	20 V
Collision energy (CE)	37 V	35 V
Collision cell exit potential (CXP)	8 V	10 V

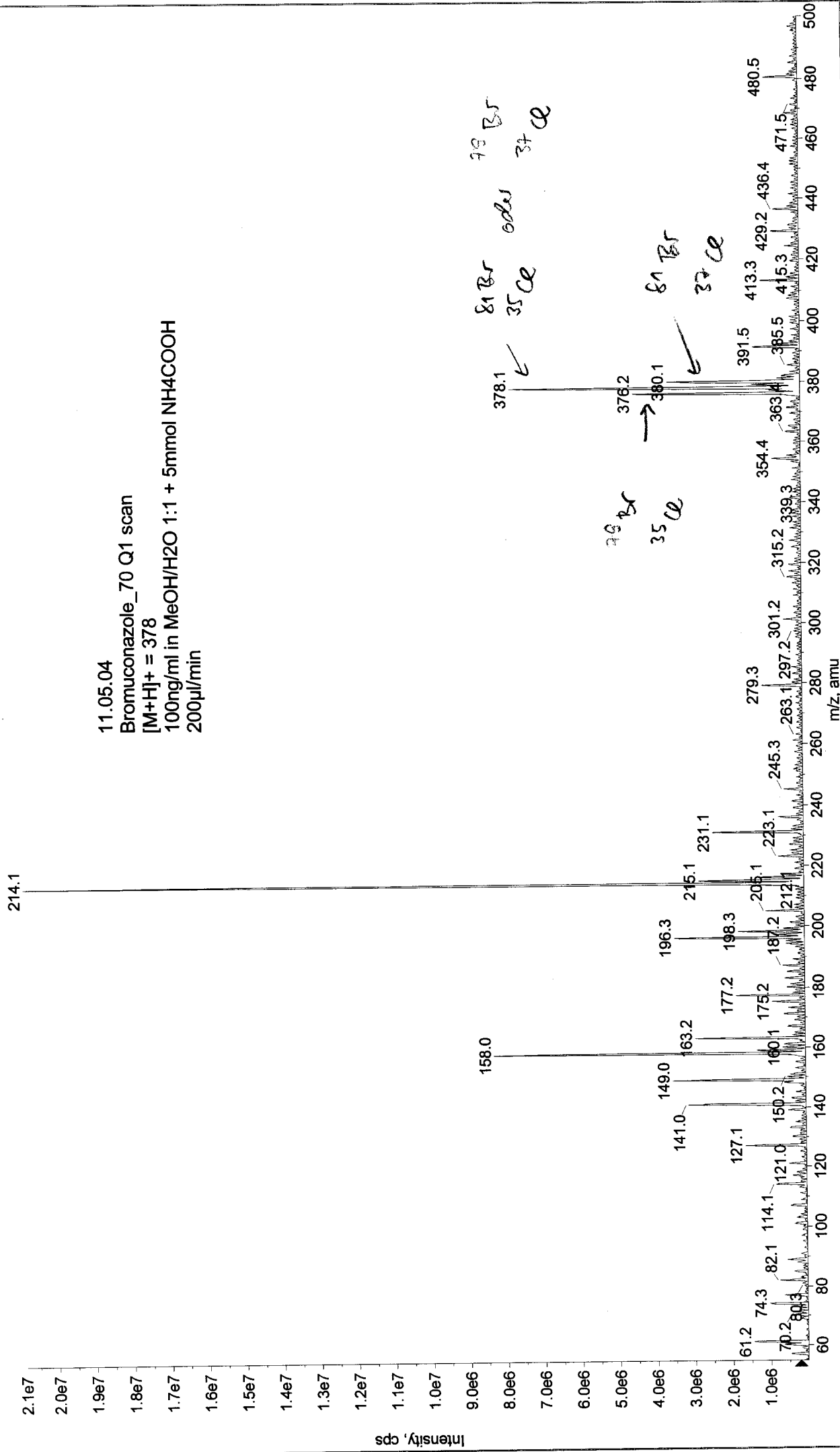
\*) For API 3000 and 4000 enhance DP by 20V

### Fragmentation



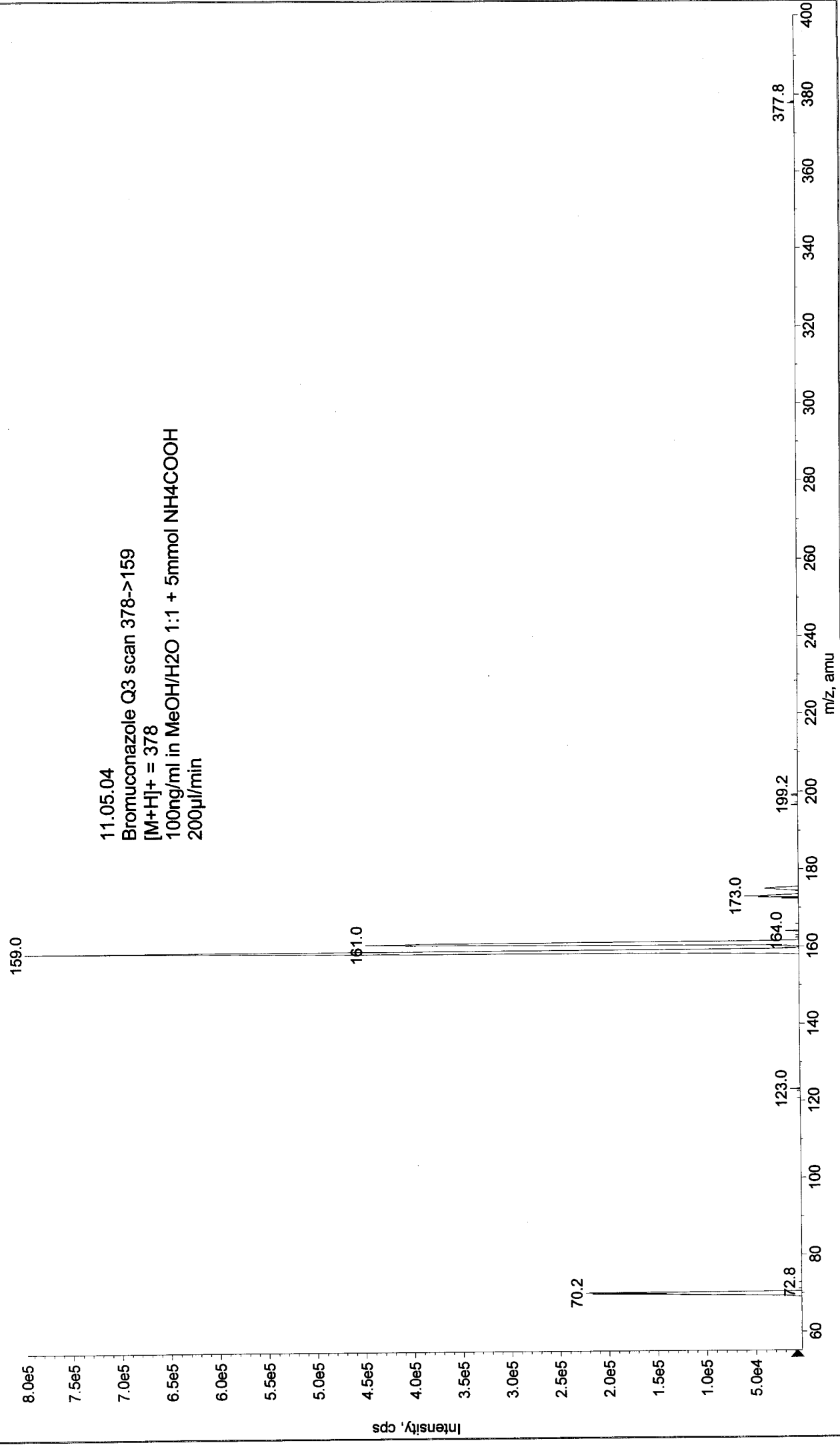
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040512102212.wiff (Turbo Spray)

Max. 2.1e7 cps.



Max. 8.0e5 cps

■ +MS2 (378.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040511145234.wiff (Turbo Spray)



Max. 6.0e5 cps

+MS2 (378.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040512102458.wiff (Turbo Spray)

