

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

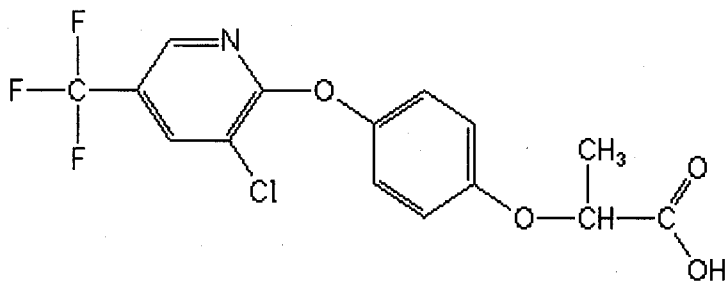
Analyte: Haloxyfop

CAS No.: 95977-29-0

Formula: C₁₅H₁₁ClF₃NO₄

Molecular mass (lowest isotopes): 361,03 amu

Structure:



Ionisation: ESI -

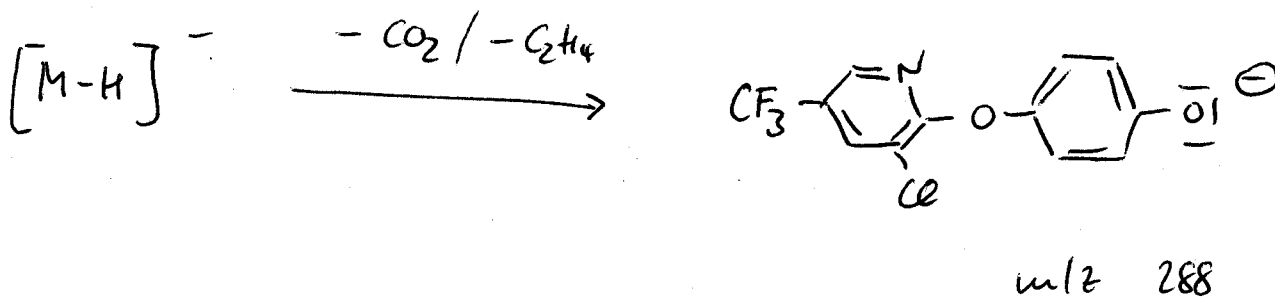
Quasimolecular ion: 360,0 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

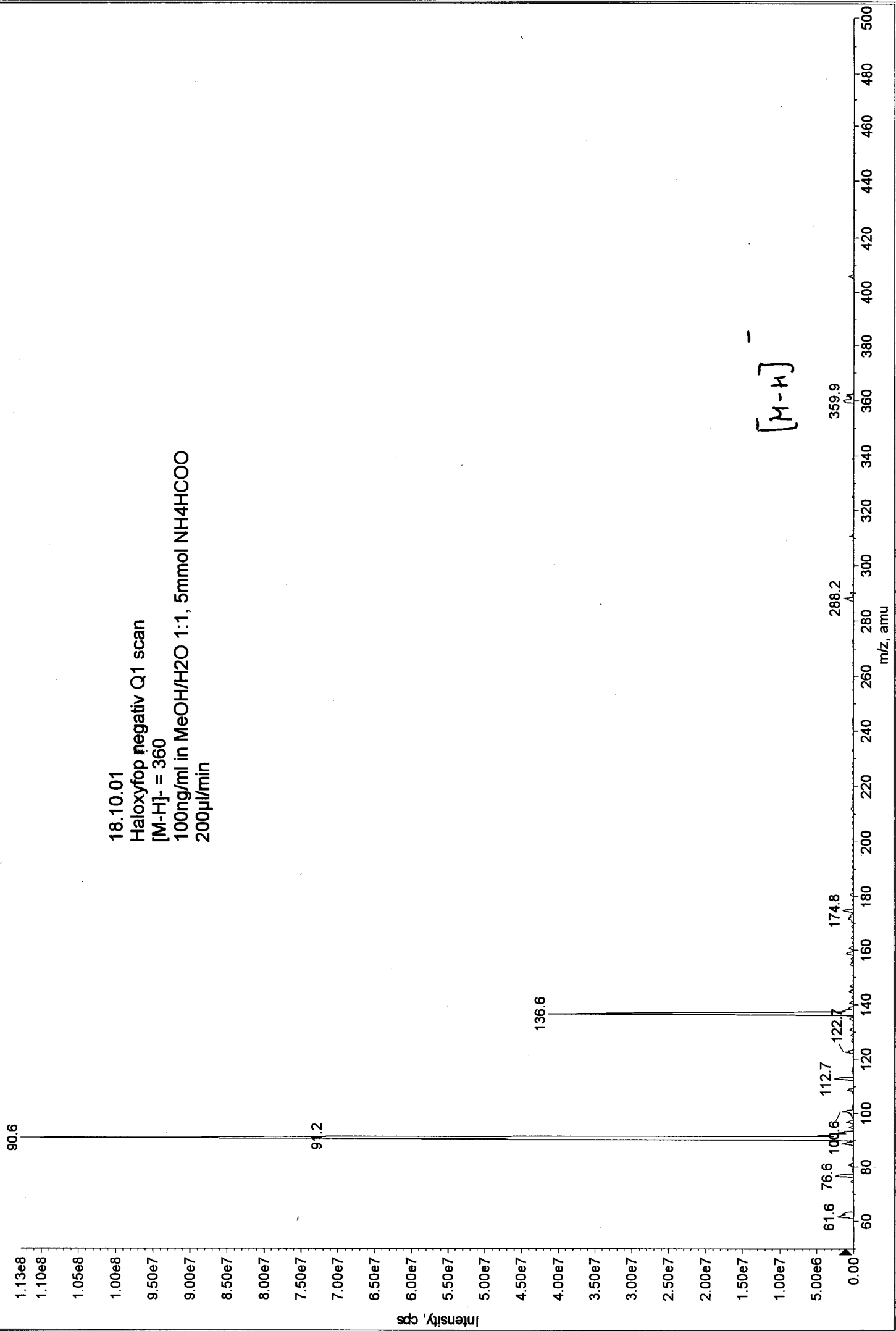
Transition	360,0 → 287,9	no → no
Declustering potential (DP)*)	-81V	-81 V
Focusing potential (FP)	-350 V	V
Entrance potential (EP)	10,0 V	V
Collision cell entrance potential (CEP)	-28 V	V
Collision energy (CE)	-14 V	V
Collision cell exit potential (CXP)	-18 V	V

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

Fragmentation



18.10.01
Haloxypop negativ Q1 scan
[M-H]⁻ = 360
100ng/ml in MeOH/H₂O 1:1, 5mmol NH₄HCOO
200µl/min



18.10.01
Haloxypop negativ Q3 scan 360 -> 288
[M-H]⁻ = 360
100ng/ml in MeOH/H₂O 1:1, 5mmol NH₄HCOO
200µl/min

