

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

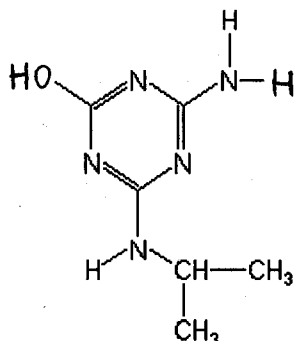
Analyte: Atrazine-desethyl-2-hydroxy

CAS No.: 6190-65-4

Formula: C₆H₁₁ON₅

Molecular mass (lowest isotopes): 169,10 amu

Structure:



Ionisation: ESI +

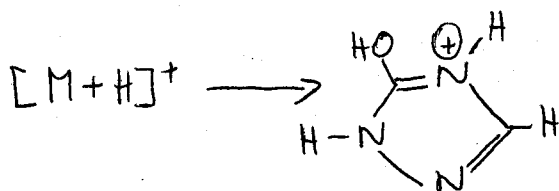
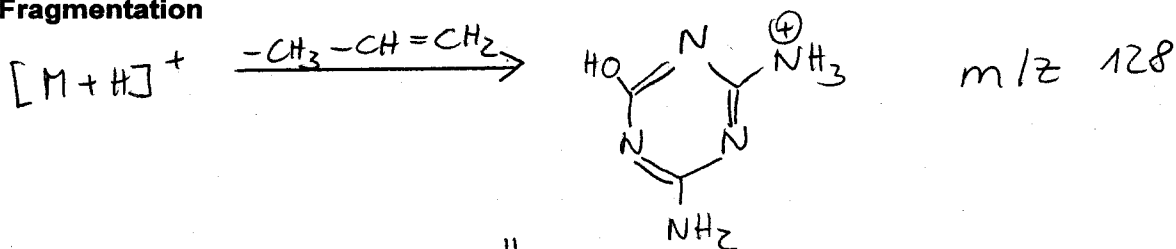
Quasimolecular ion: 170,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	170,1 → 128,1	170,1 → 86,0
Declustering potential (DP) ^{*)}	69V	69 V
Focusing potential (FP)	150 V	290 V
Entrance potential (EP)	10,5 V	12 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	23 V	31 V
Collision cell exit potential (CXP)	6 V	4 V

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

Fragmentation



m/z 86

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050124134647.wiff (Turbo Spray) Max. 5.8e7 cps.

