

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091025\
 Data File : BF143687.D
 Acq On : 09 Sep 2025 16:30
 Operator : RC/JU
 Sample : Q2893-08
 Misc : LOQ-WATER 10 PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

Quant Time: Sep 09 17:08:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 09 15:20:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

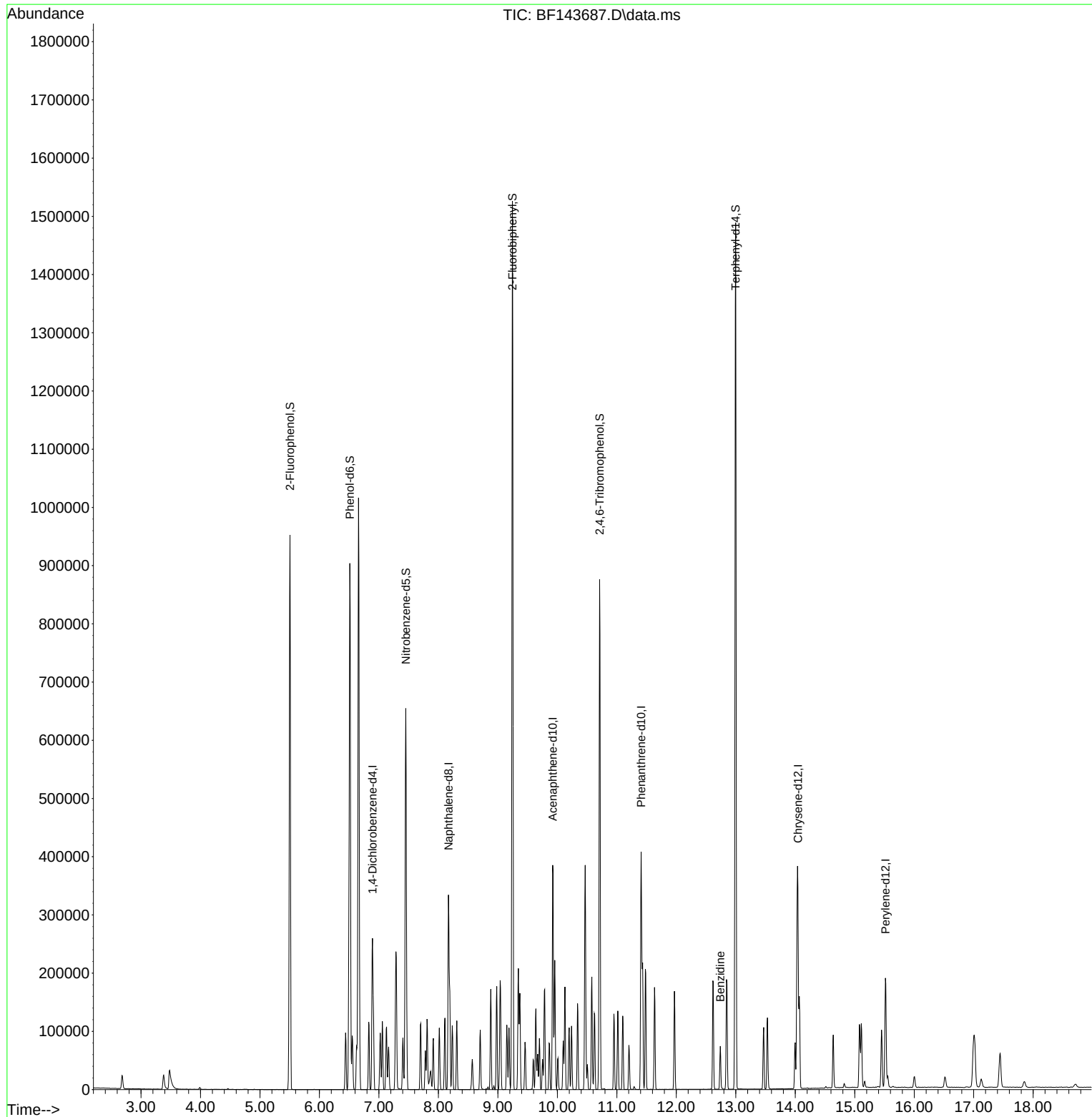
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	54867	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	210459	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	124208	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	212863	20.000	ng	0.00
76) Chrysene-d12	14.045	240	135647	20.000	ng	0.00
86) Perylene-d12	15.515	264	118903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	389400	121.088	ng	0.00
7) Phenol-d6	6.510	99	487575	124.520	ng	0.00
23) Nitrobenzene-d5	7.451	82	317711	93.899	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	166428	132.958	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	711035	86.476	ng	0.00
79) Terphenyl-d14	12.998	244	806327	96.329	ng	0.00
Target Compounds						
77) Benzdine	12.739	184	41804	9.451	ng	Qvalue 98

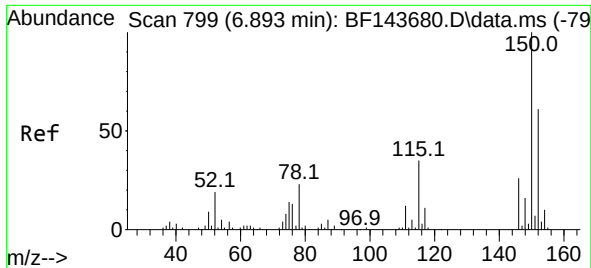
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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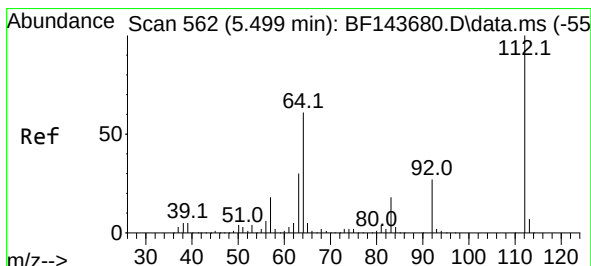
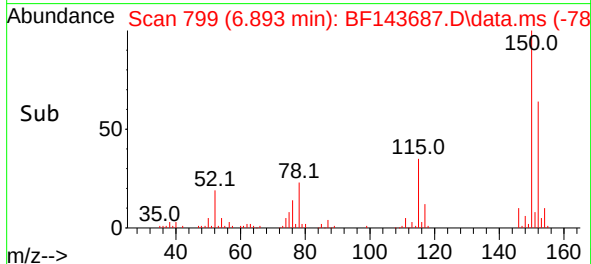
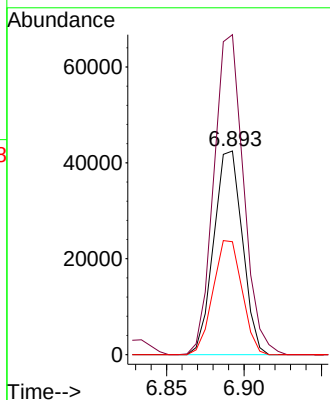
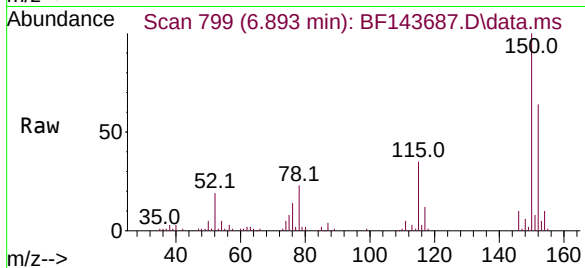




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF143687.D
Acq: 09 Sep 2025 16:30

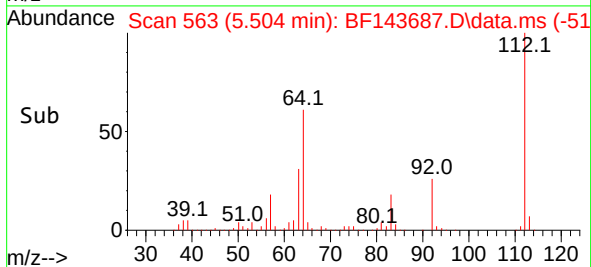
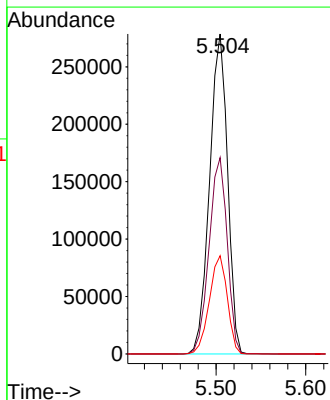
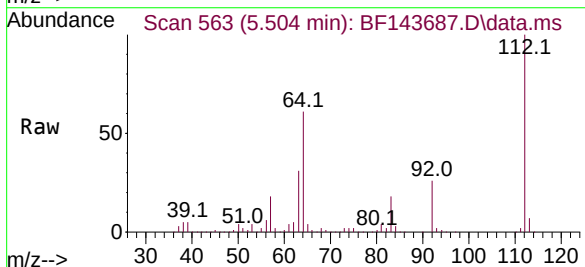
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2025

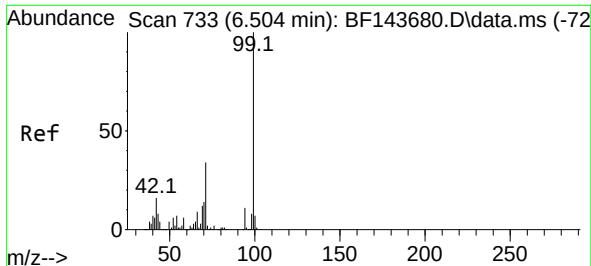
Tgt Ion:152 Resp: 54867
Ion Ratio Lower Upper
152 100
150 157.1 130.7 196.1
115 55.4 45.9 68.9



#5
2-Fluorophenol
Concen: 121.088 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143687.D
Acq: 09 Sep 2025 16:30

Tgt Ion:112 Resp: 389400
Ion Ratio Lower Upper
112 100
64 61.3 49.0 73.4
63 30.7 24.3 36.5

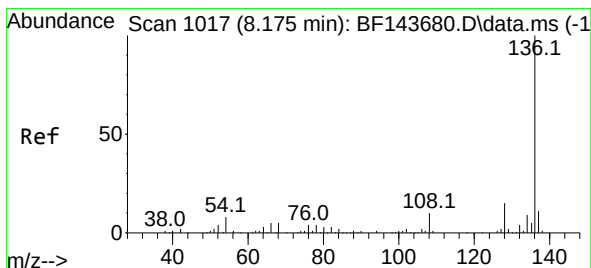
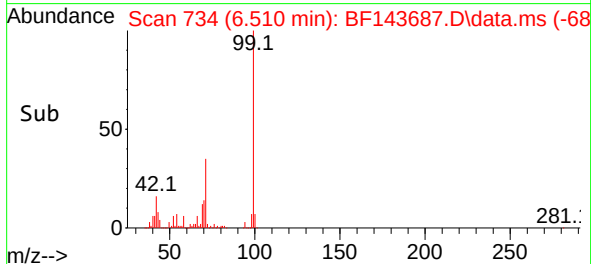
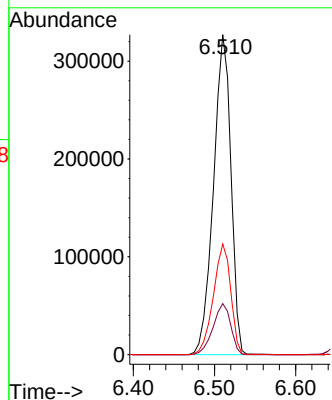
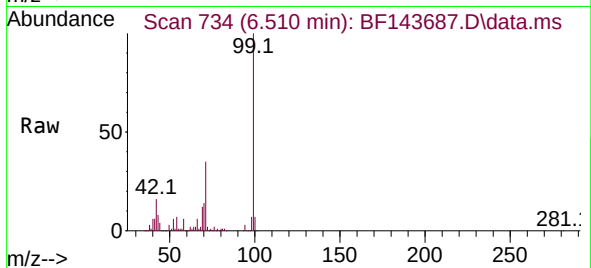




#7
Phenol-d6
Concen: 124.520 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF143687.D
Acq: 09 Sep 2025 16:30

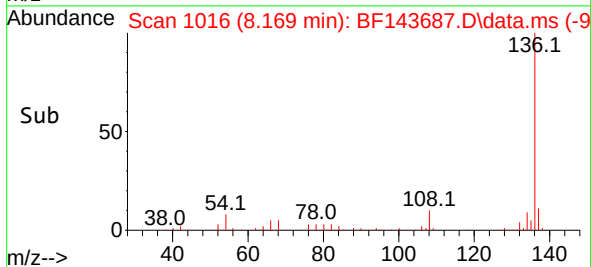
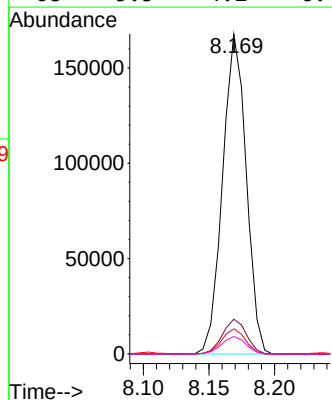
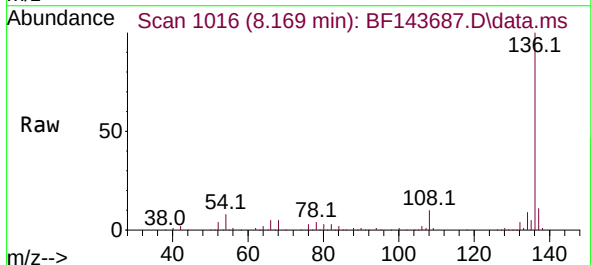
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2025

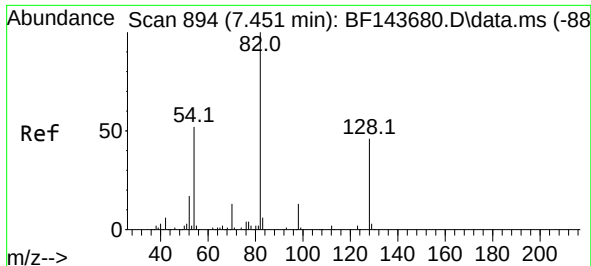
Tgt Ion: 99 Resp: 487575
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 34.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143687.D
Acq: 09 Sep 2025 16:30

Tgt Ion: 136 Resp: 210459
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.9 6.2 9.2
68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 93.899 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.000 min

Lab File: BF143687.D

Acq: 09 Sep 2025 16:30

Instrument :

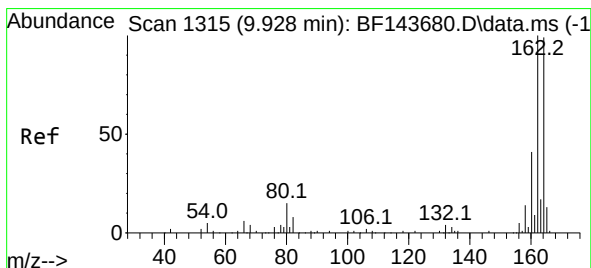
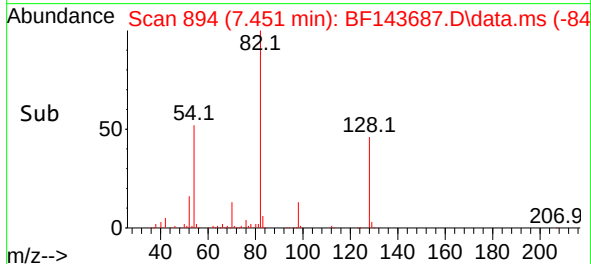
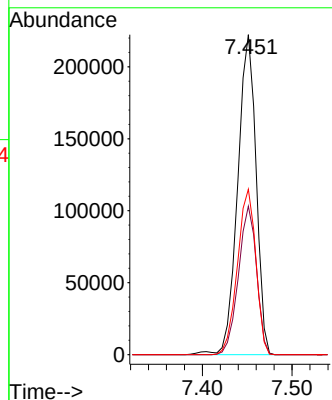
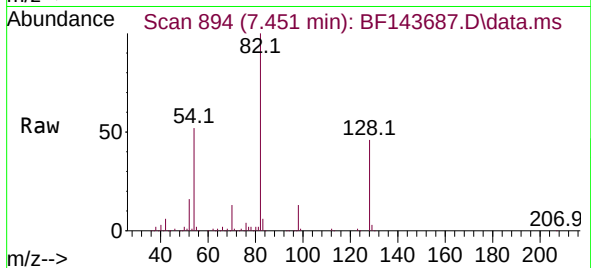
BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2025

Tgt Ion: 82 Resp: 317711

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.4
54	51.7	41.8	62.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

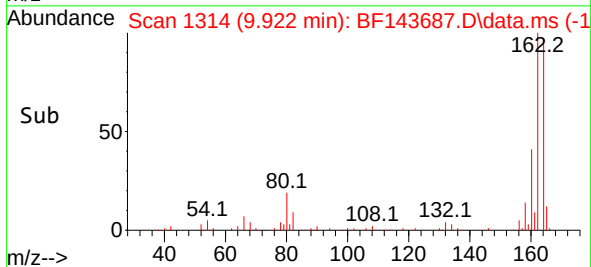
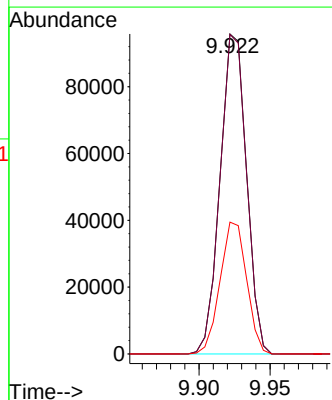
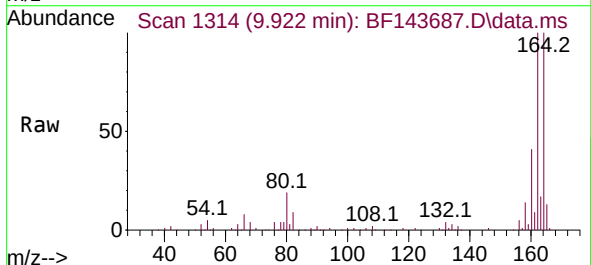
Delta R.T. -0.006 min

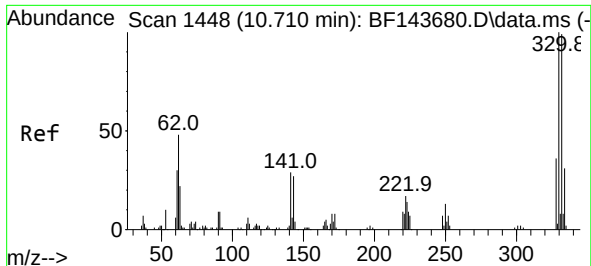
Lab File: BF143687.D

Acq: 09 Sep 2025 16:30

Tgt Ion: 164 Resp: 124208

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	41.2	33.0	49.4

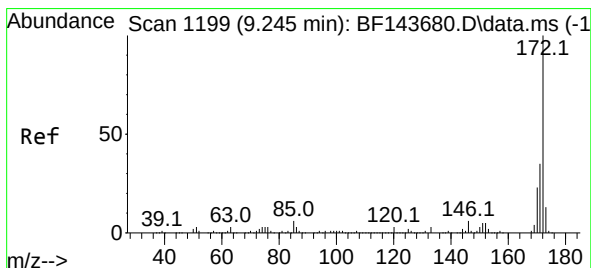
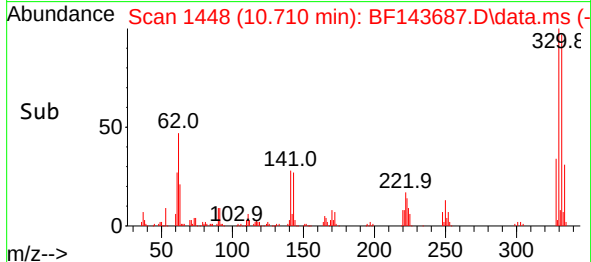
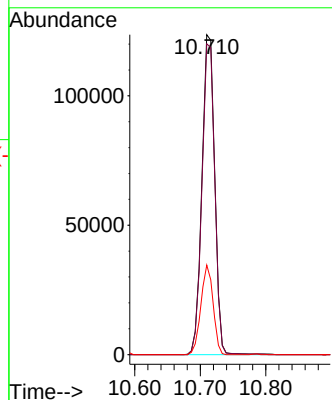
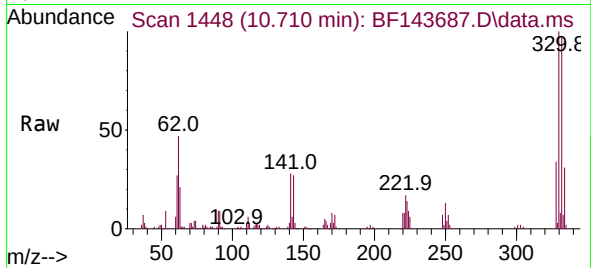




#42
2,4,6-Tribromophenol
Concen: 132.958 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF143687.D
Acq: 09 Sep 2025 16:30

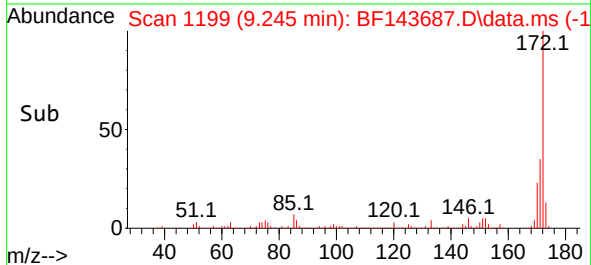
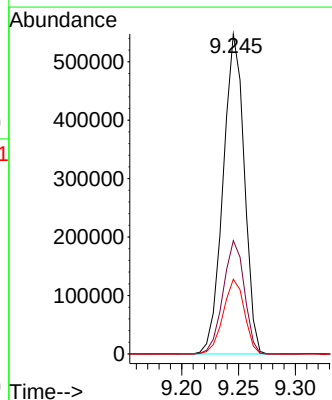
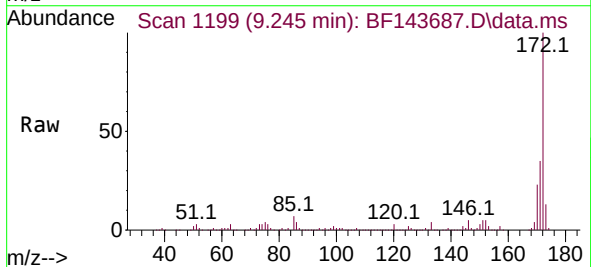
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2025

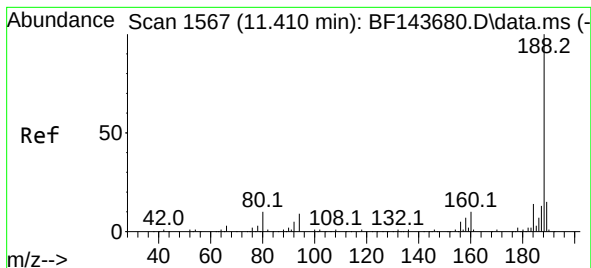
Tgt Ion:330 Resp: 166428
Ion Ratio Lower Upper
330 100
332 96.9 79.2 118.8
141 26.7 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 86.476 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143687.D
Acq: 09 Sep 2025 16:30

Tgt Ion:172 Resp: 711035
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF143687.D

Acq: 09 Sep 2025 16:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2025

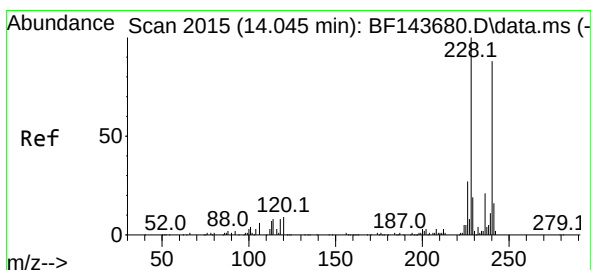
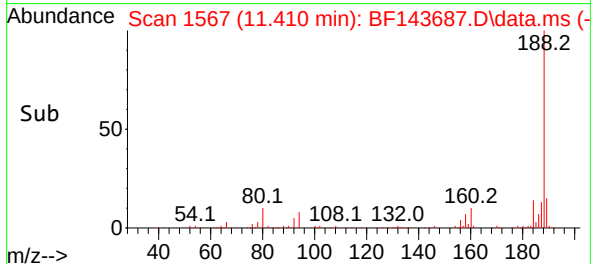
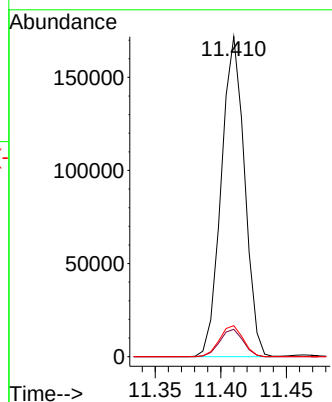
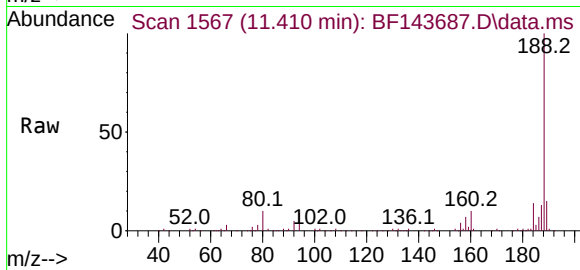
Tgt Ion:188 Resp: 212863

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.0

80 9.7 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF143687.D

Acq: 09 Sep 2025 16:30

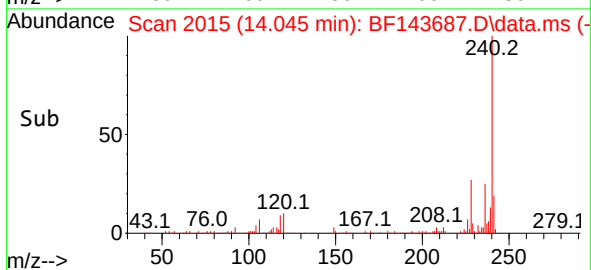
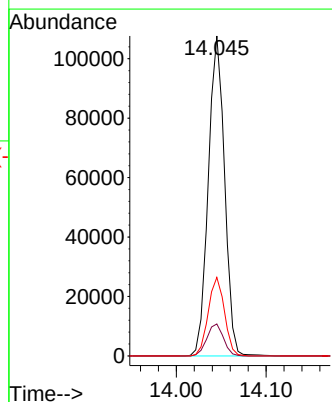
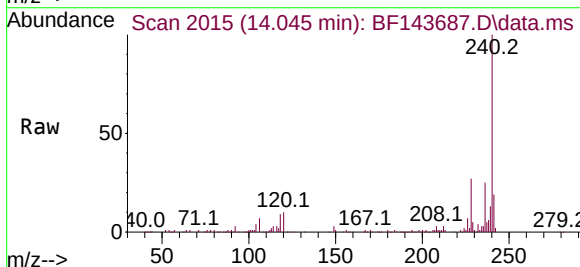
Tgt Ion:240 Resp: 135647

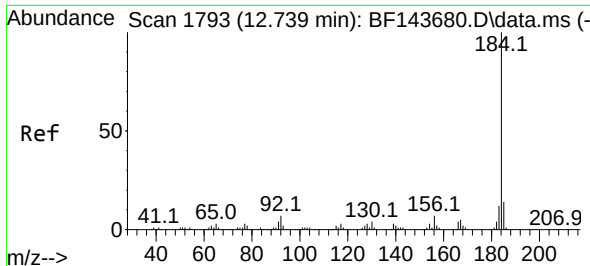
Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

236 24.6 18.6 28.0

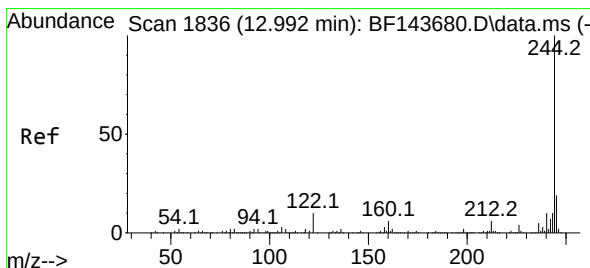
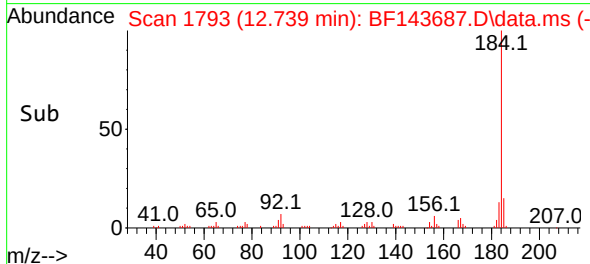
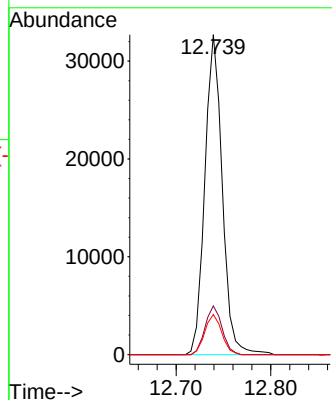
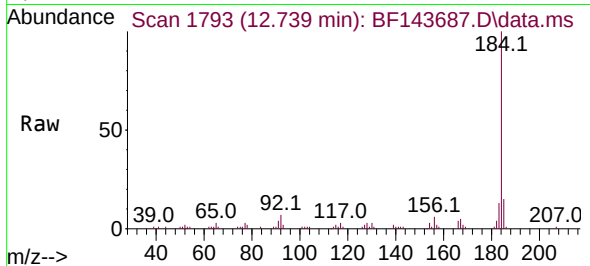




#77
Benzidine
Concen: 9.451 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143687.D
Acq: 09 Sep 2025 16:30

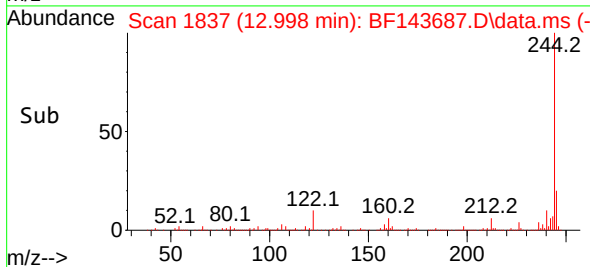
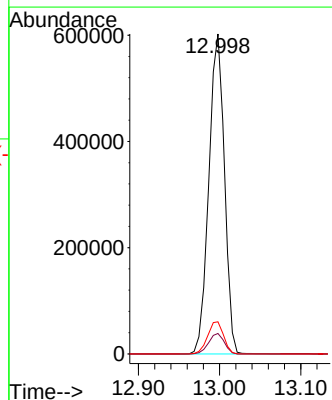
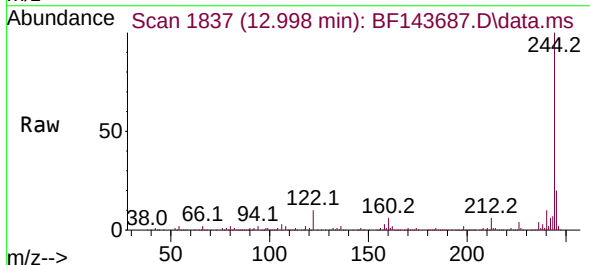
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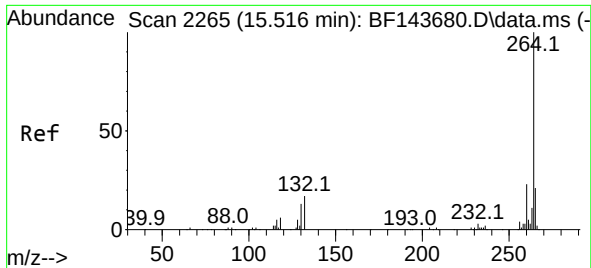
Tgt Ion:184 Resp: 41804
Ion Ratio Lower Upper
184 100
185 15.2 11.5 17.3
183 12.5 9.4 14.2



#79
Terphenyl-d14
Concen: 96.329 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.006 min
Lab File: BF143687.D
Acq: 09 Sep 2025 16:30

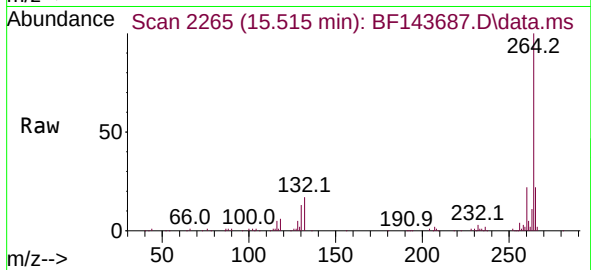
Tgt Ion:244 Resp: 806327
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.6
122 10.1 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF143687.D
 Acq: 09 Sep 2025 16:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2025



Tgt Ion:264 Resp: 118903
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.4 27.6
 265 21.8 17.1 25.7

