

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
 Data File : BF143638.D
 Acq On : 04 Sep 2025 12:17
 Operator : RC/JU
 Sample : Q2893-08
 Misc : LOQ-WATER 2.5PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 04 13:46:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

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

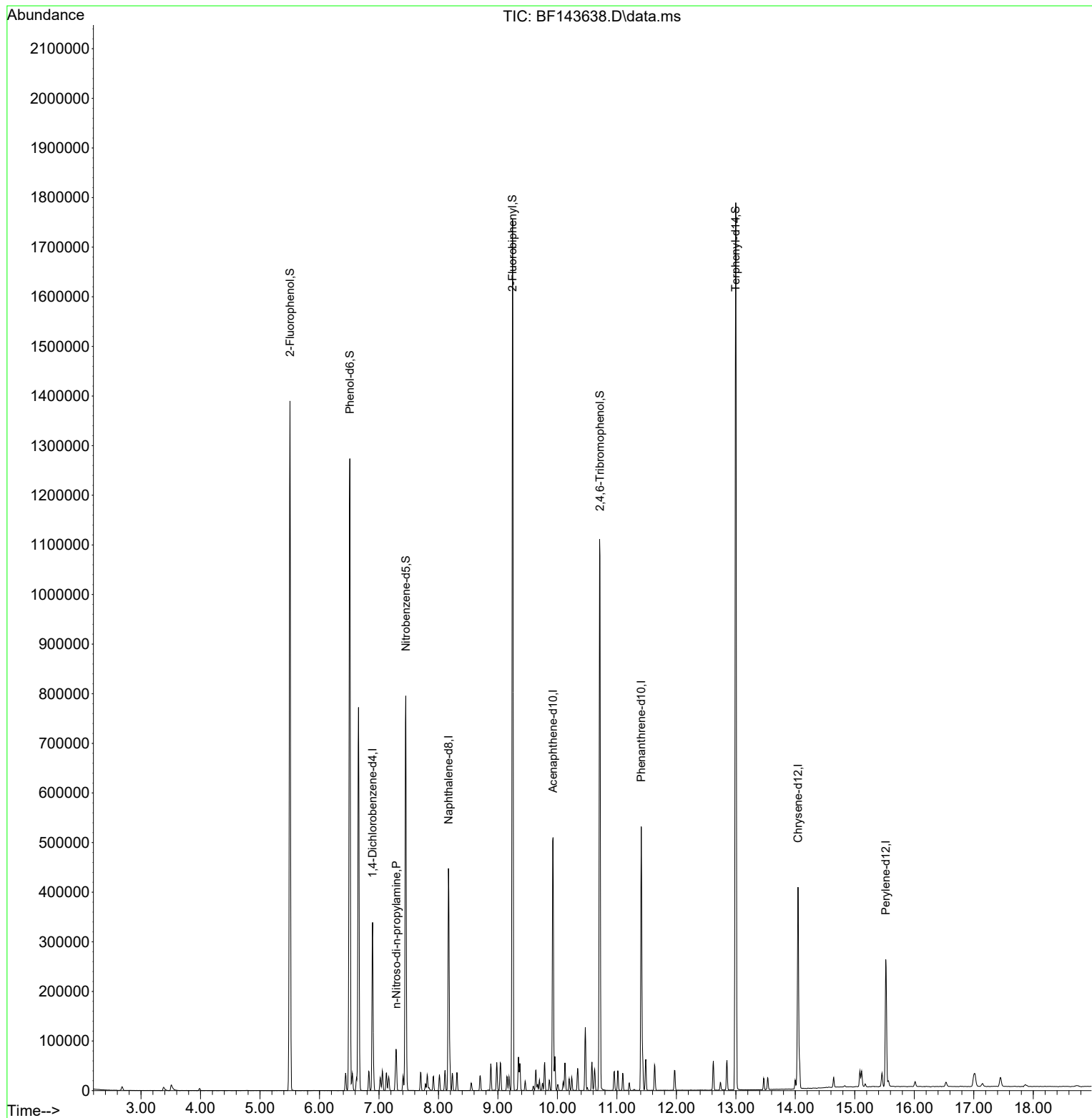
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	73190	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	281067	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	162046	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	274701	20.000	ng	0.00
76) Chrysene-d12	14.045	240	189158	20.000	ng	0.00
86) Perylene-d12	15.521	264	154583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	542776	131.379	ng	0.00
7) Phenol-d6	6.510	99	669071	130.483	ng	0.00
23) Nitrobenzene-d5	7.451	82	361180	90.317	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	206332	152.267	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	793999	78.283	ng	0.00
79) Terphenyl-d14	12.998	244	876642	77.220	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.292	70	7776	2.381	ng	Qvalue 94

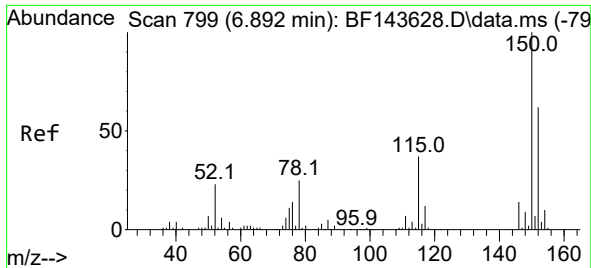
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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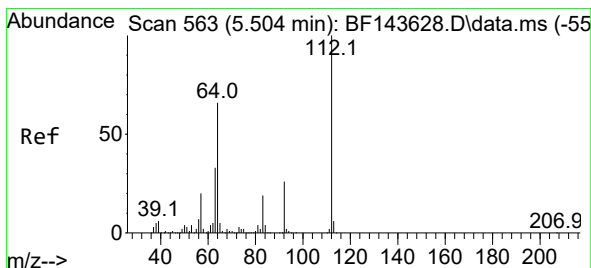
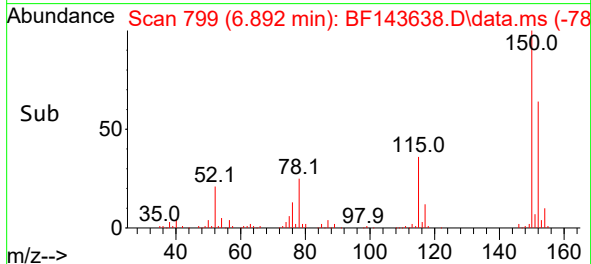
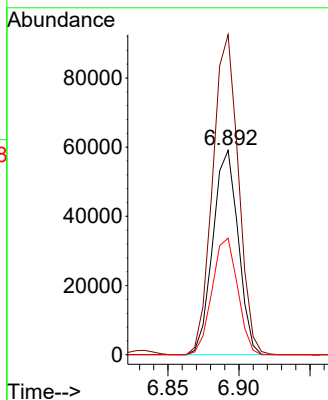
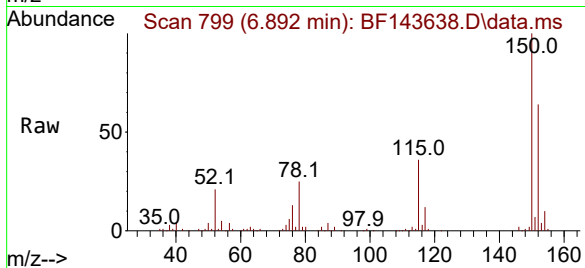




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF143638.D
Acq: 04 Sep 2025 12:17

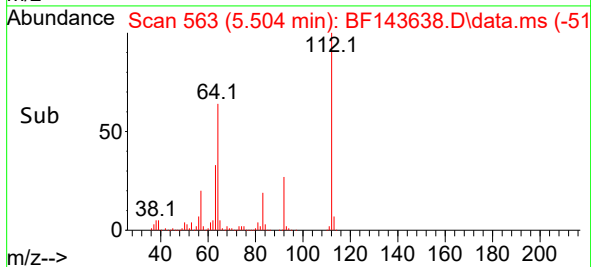
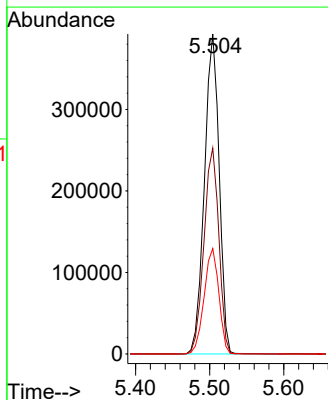
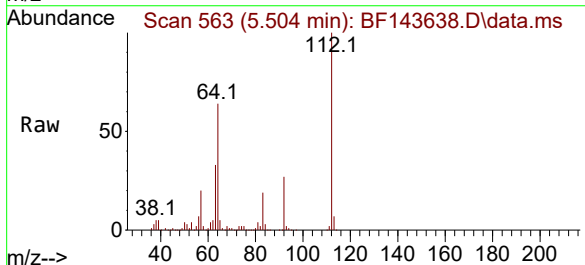
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2025

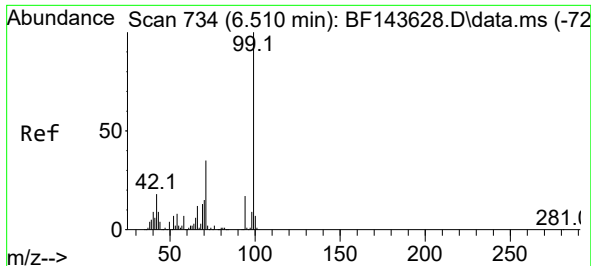
Tgt Ion:152 Resp: 73190
Ion Ratio Lower Upper
152 100
150 156.6 128.4 192.6
115 57.0 47.9 71.9



#5
2-Fluorophenol
Concen: 131.379 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.000 min
Lab File: BF143638.D
Acq: 04 Sep 2025 12:17

Tgt Ion:112 Resp: 542776
Ion Ratio Lower Upper
112 100
64 64.3 52.7 79.1
63 33.0 26.5 39.7

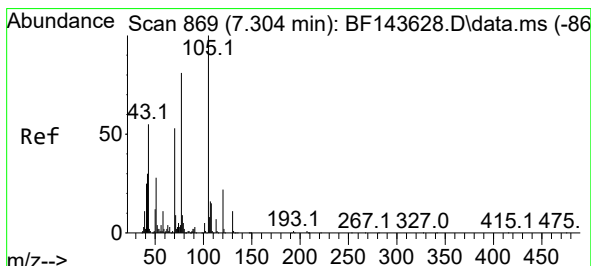
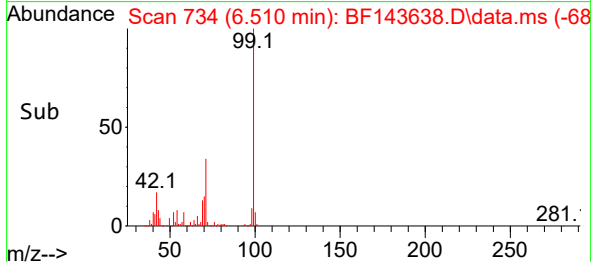
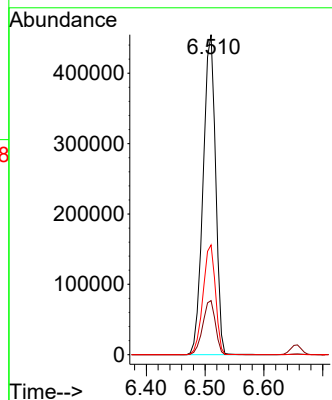
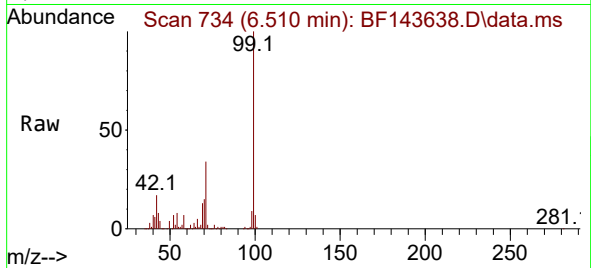




#7
Phenol-d6
Concen: 130.483 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF143638.D
Acq: 04 Sep 2025 12:17

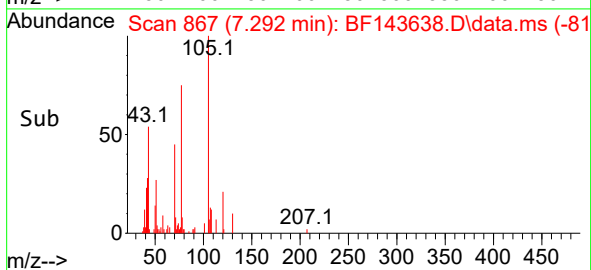
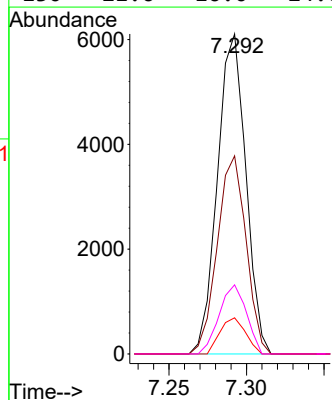
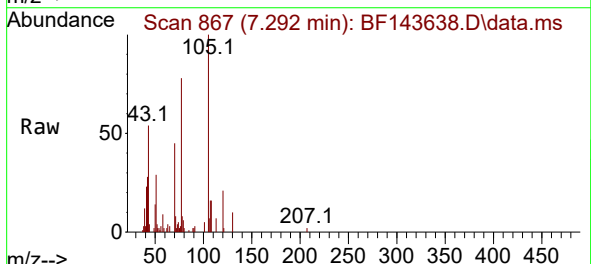
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2025

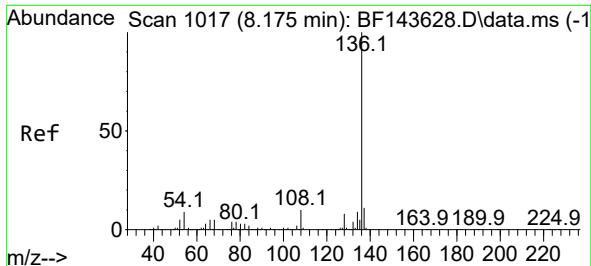
Tgt Ion: 99 Resp: 669071
Ion Ratio Lower Upper
99 100
42 16.9 14.6 22.0
71 34.3 28.0 42.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.381 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143638.D
Acq: 04 Sep 2025 12:17

Tgt Ion: 70 Resp: 7776
Ion Ratio Lower Upper
70 100
42 61.9 45.2 67.8
101 11.3 7.6 11.4
130 21.6 16.0 24.0

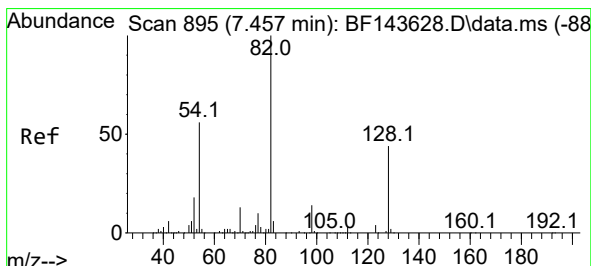
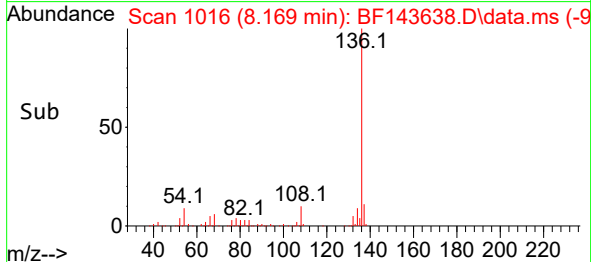
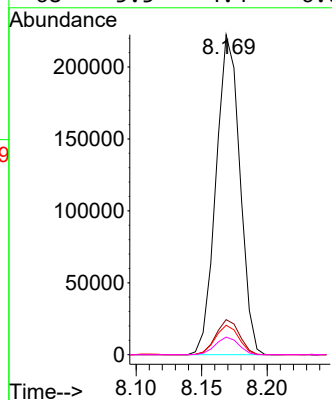
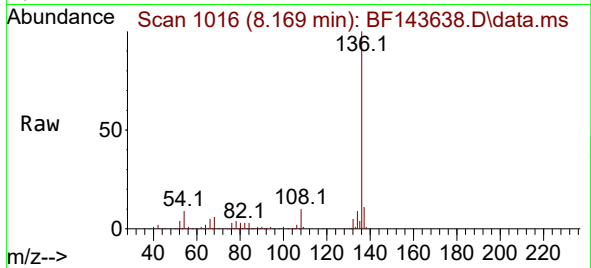




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143638.D
Acq: 04 Sep 2025 12:17

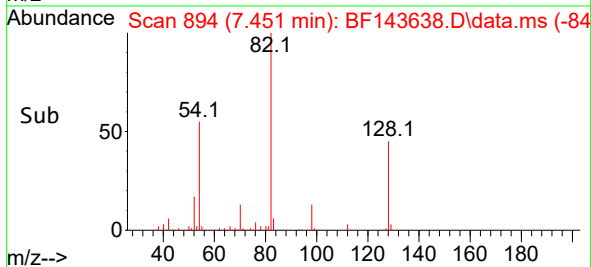
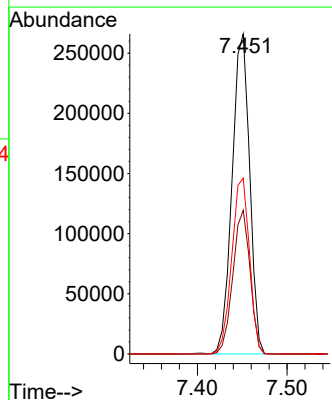
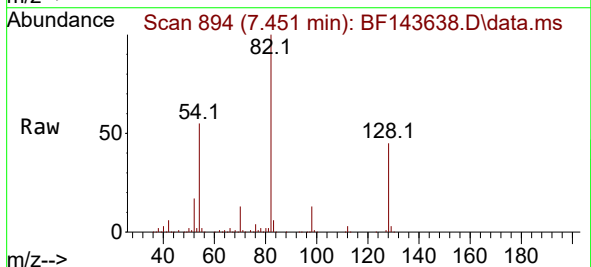
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2025

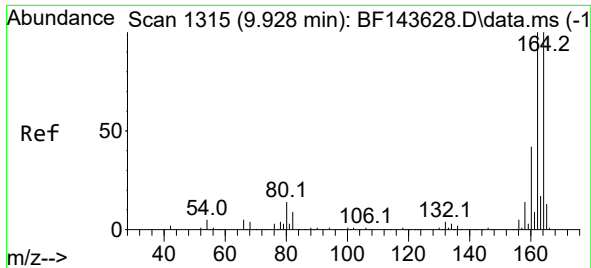
Tgt Ion:	136	Resp:	281067
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.2	7.3	10.9
68	5.5	4.4	6.6



#23
Nitrobenzene-d5
Concen: 90.317 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143638.D
Acq: 04 Sep 2025 12:17

Tgt Ion:	82	Resp:	361180
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.7	52.1
54	55.0	44.8	67.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 11

Delta R.T. -0.001 min

Lab File: BF143638.D

Acq: 04 Sep 2025 12:17

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2025

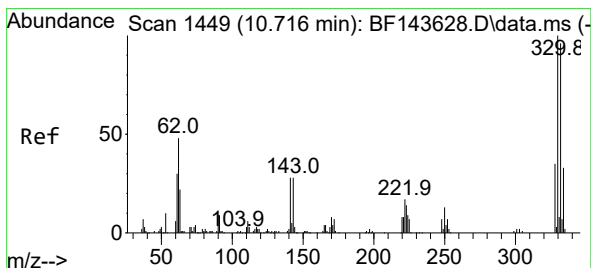
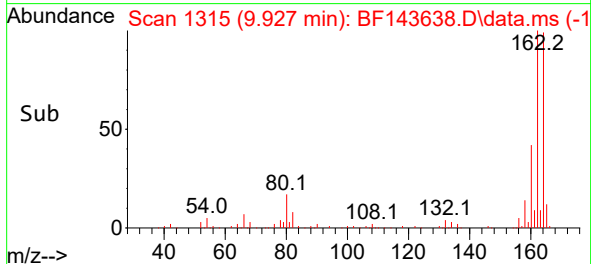
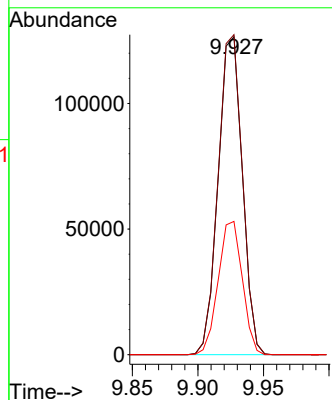
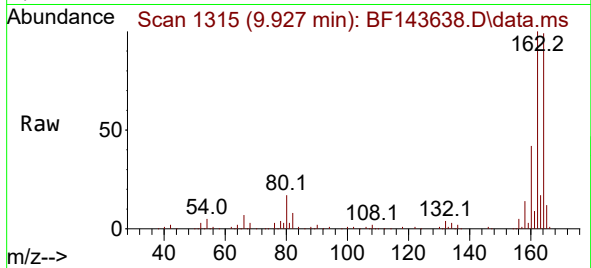
Tgt Ion:164 Resp: 162046

Ion Ratio Lower Upper

164 100

162 100.7 80.3 120.5

160 41.9 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 152.267 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF143638.D

Acq: 04 Sep 2025 12:17

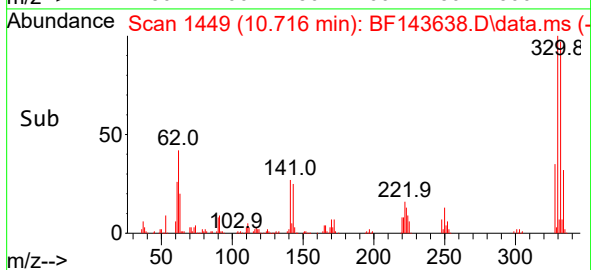
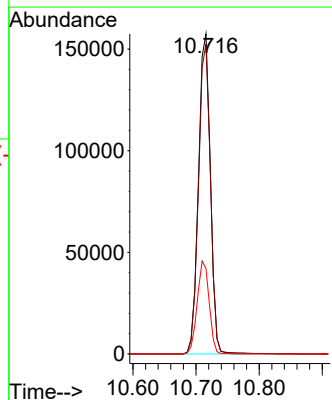
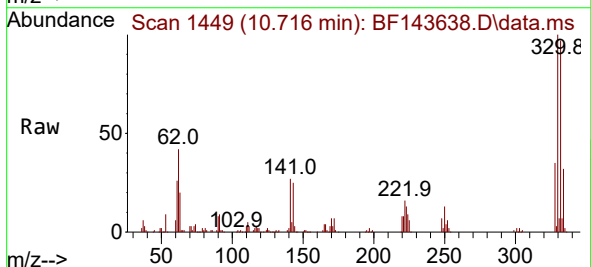
Tgt Ion:330 Resp: 206332

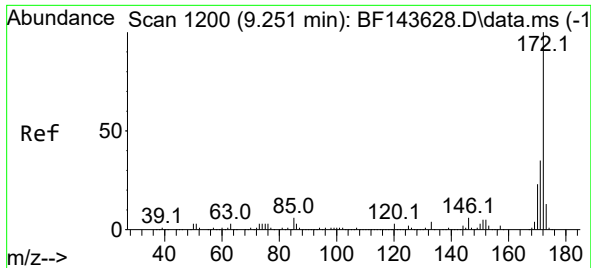
Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

141 29.0 23.5 35.3

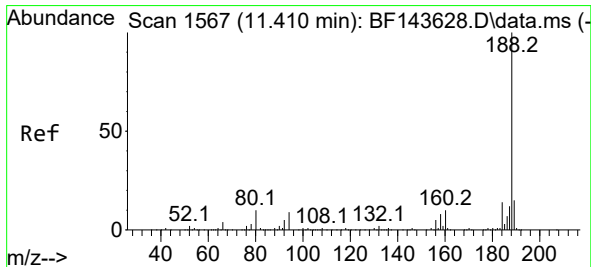
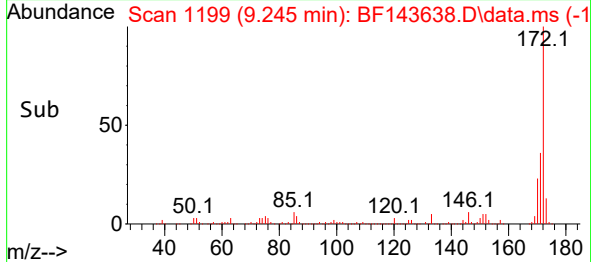
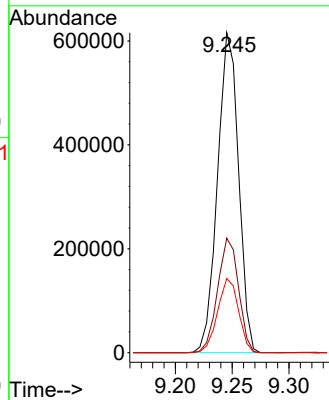
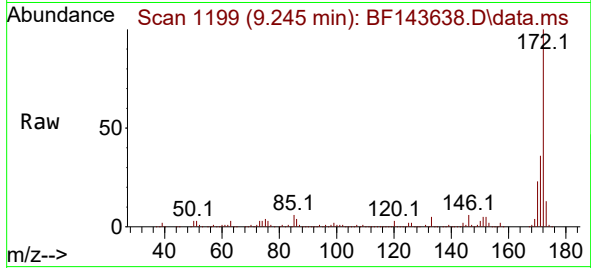




#45
2-Fluorobiphenyl
Concen: 78.283 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143638.D
Acq: 04 Sep 2025 12:17

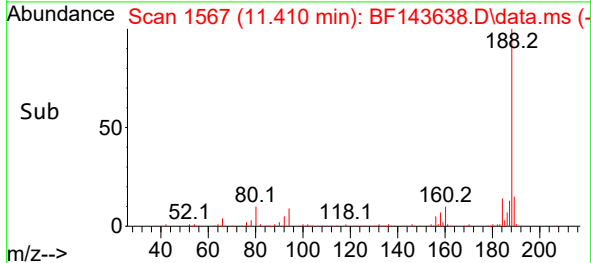
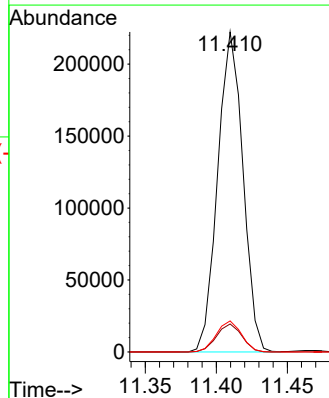
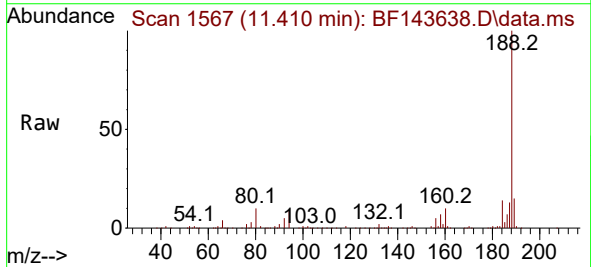
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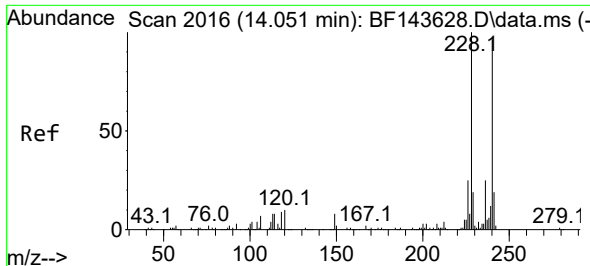
Tgt Ion:172 Resp: 793999
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.2 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF143638.D
Acq: 04 Sep 2025 12:17

Tgt Ion:188 Resp: 274701
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.7 8.4 12.6

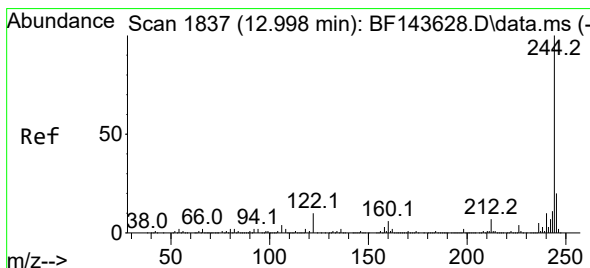
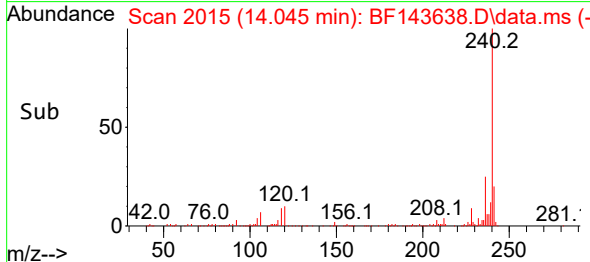
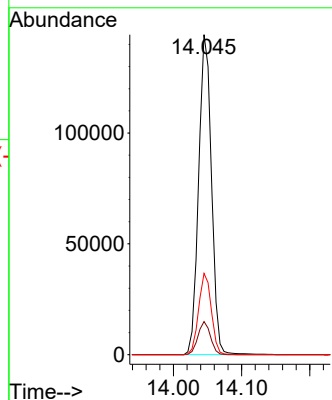
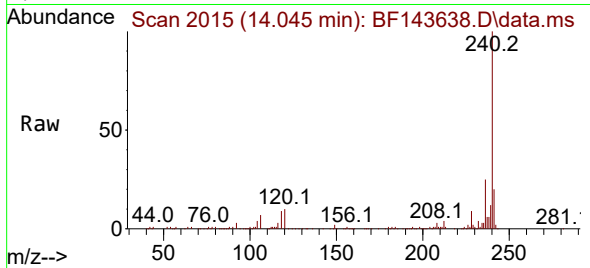




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143638.D
Acq: 04 Sep 2025 12:17

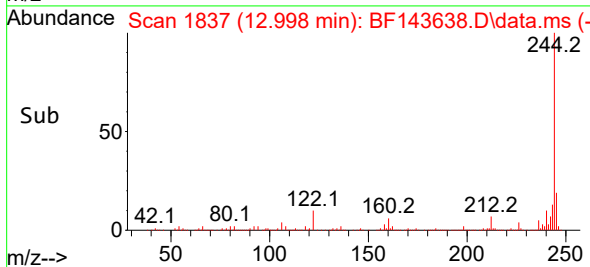
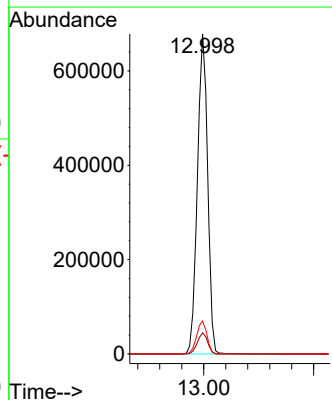
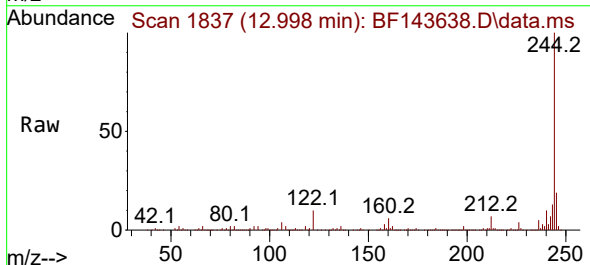
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2025

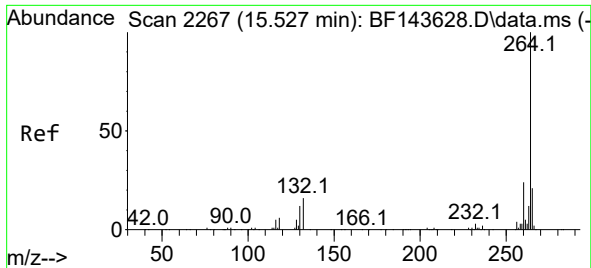
Tgt Ion:240 Resp: 189158
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 77.220 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF143638.D
Acq: 04 Sep 2025 12:17

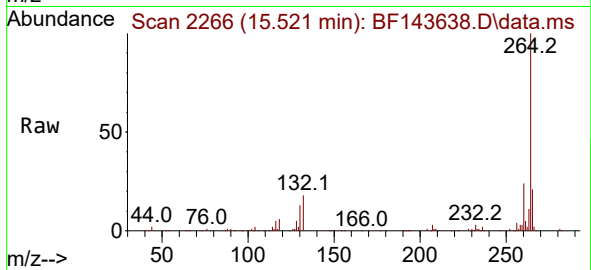
Tgt Ion:244 Resp: 876642
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 10.3 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143638.D
 Acq: 04 Sep 2025 12:17

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



Tgt Ion:264	Resp:	154583
Ion	Ratio	Lower Upper
264	100	
260	23.5	18.9 28.3
265	21.3	17.1 25.7

