

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141616.D
 Acq On : 13 Feb 2025 15:56
 Operator : RC/JU
 Sample : Q1356-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-A

Quant Time: Feb 13 16:17:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

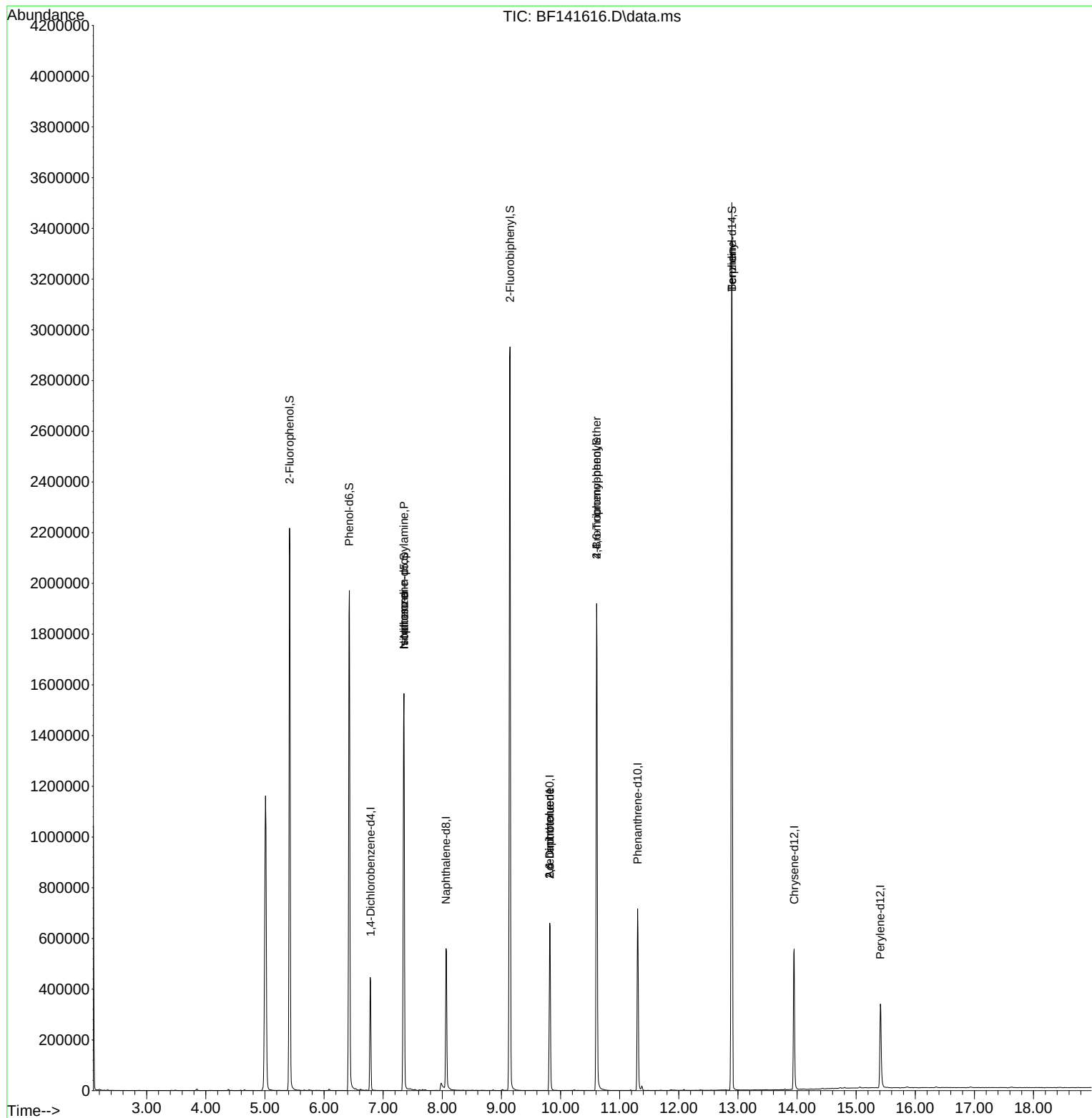
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	94402	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	384102	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	216686	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	389401	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	297699	20.000	ng	-0.01
86) Perylene-d12	15.410	264	212527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	826163	137.202	ng	0.00
7) Phenol-d6	6.428	99	962656	126.487	ng	-0.01
23) Nitrobenzene-d5	7.351	82	760726	103.301	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	331286	152.196	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1411655	100.369	ng	0.00
79) Terphenyl-d14	12.898	244	1829976	103.773	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	104266	22.903	ng	# 72
25) Isophorone	7.351	82	751578	64.008	ng	# 66
51) 2,6-Dinitrotoluene	9.816	165	28068	8.728	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	28068	6.556	ng	# 19
67) 4-Bromophenyl-phenylether	10.610	248	23101	5.308	ng	# 1
77) Benzidine	12.898	184	23793	3.624	ng	# 93

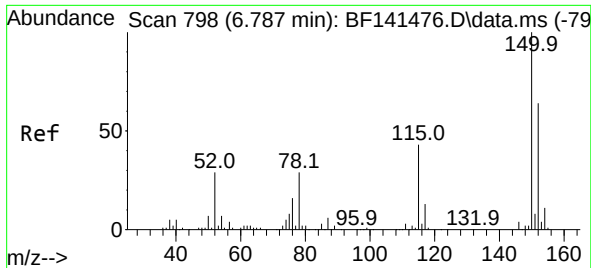
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141616.D
Acq On : 13 Feb 2025 15:56
Operator : RC/JU
Sample : Q1356-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WATER-A

Quant Time: Feb 13 16:17:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

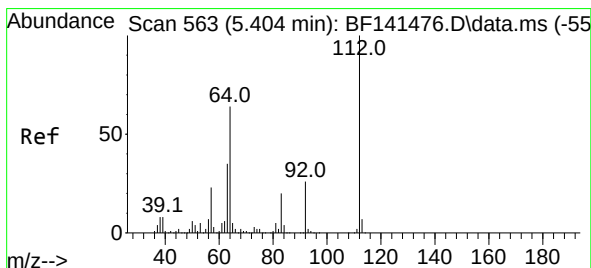
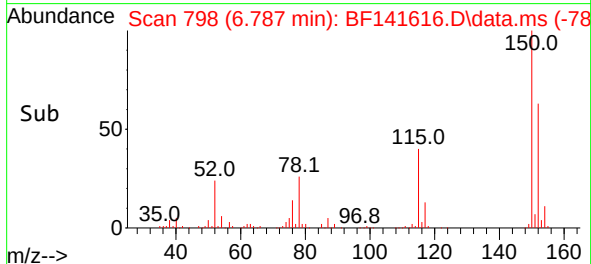
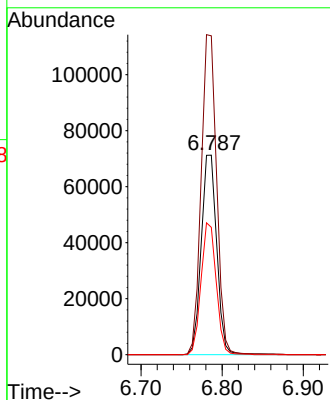
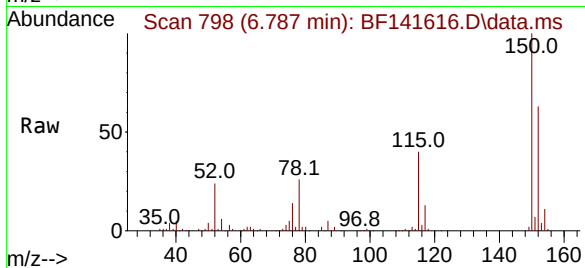




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141616.D
 Acq: 13 Feb 2025 15:56

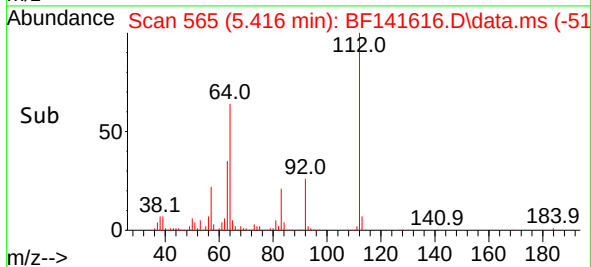
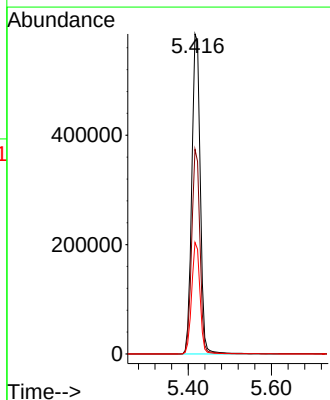
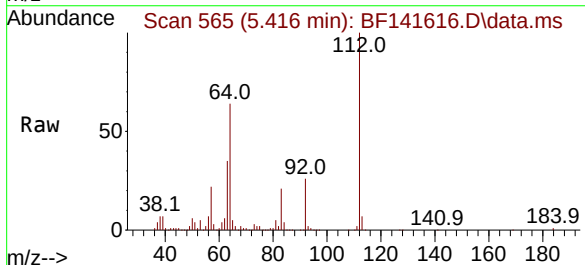
Instrument :
 BNA_F
 ClientSampleId :
 WATER-A

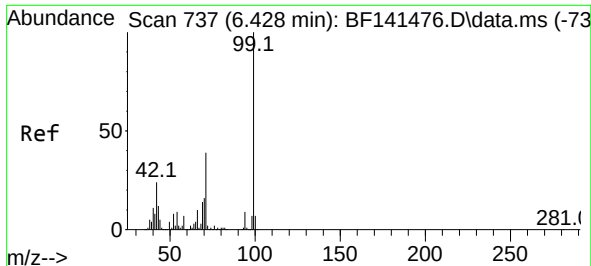
Tgt Ion:152 Resp: 94402
 Ion Ratio Lower Upper
 152 100
 150 159.9 125.0 187.4
 115 63.8 53.6 80.4



#5
 2-Fluorophenol
 Concen: 137.202 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141616.D
 Acq: 13 Feb 2025 15:56

Tgt Ion:112 Resp: 826163
 Ion Ratio Lower Upper
 112 100
 64 64.0 51.1 76.7
 63 34.8 28.4 42.6





#7
Phenol-d6
Concen: 126.487 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

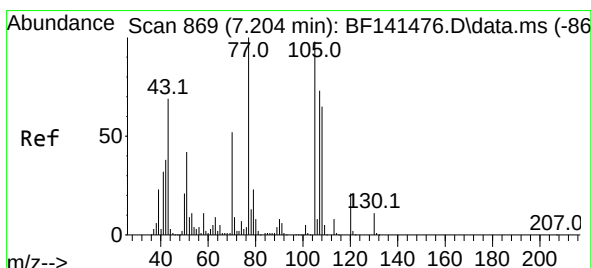
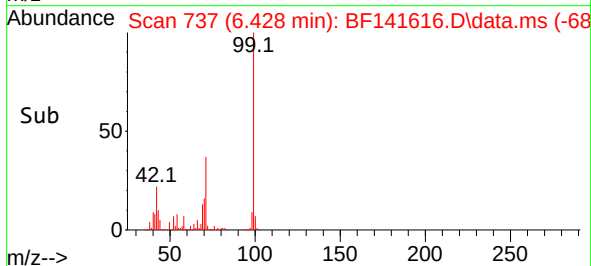
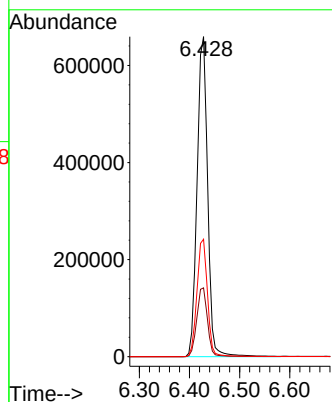
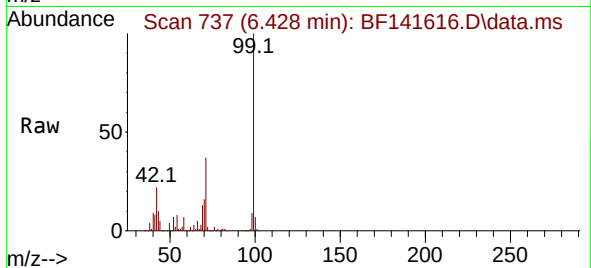
Instrument :

BNA_F

ClientSampleId :

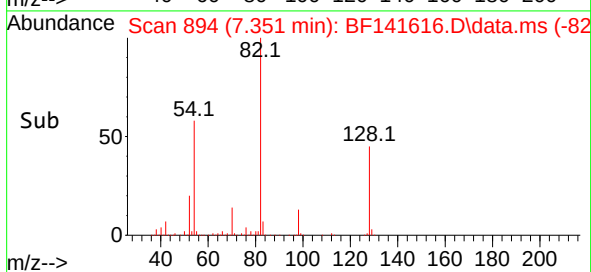
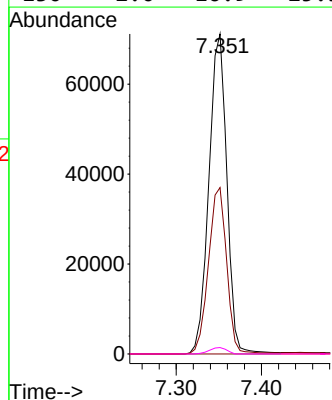
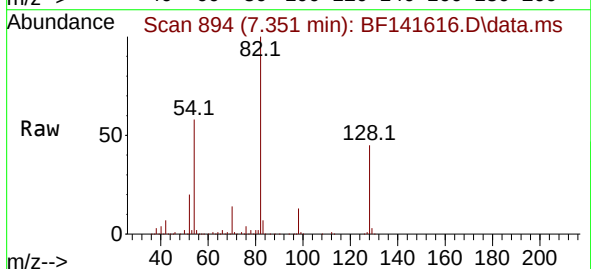
WATER-A

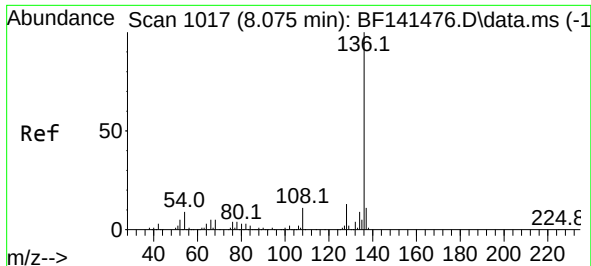
Tgt Ion: 99 Resp: 962656
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 36.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 22.903 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

Tgt Ion: 70 Resp: 104266
Ion Ratio Lower Upper
70 100
42 52.0 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

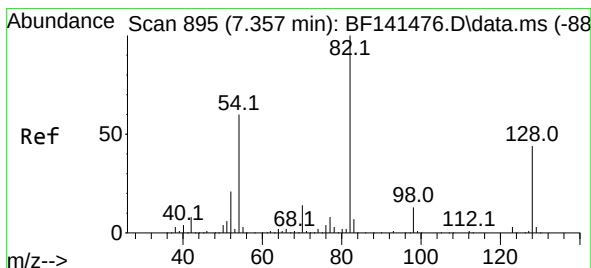
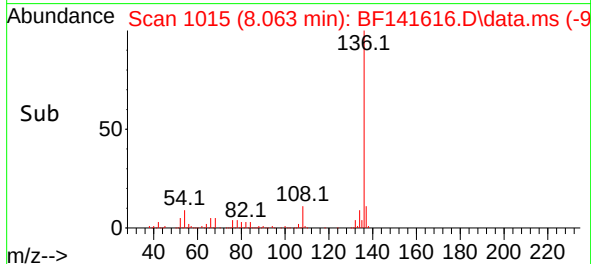
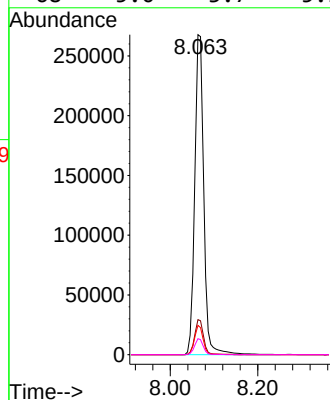
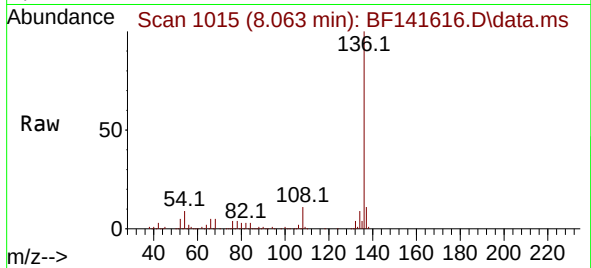




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

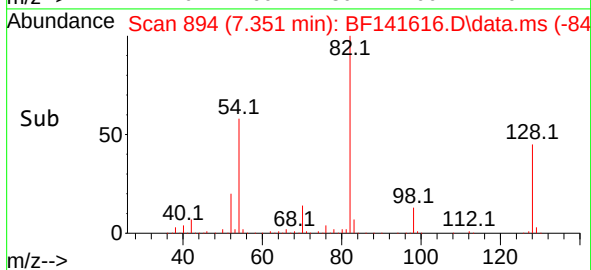
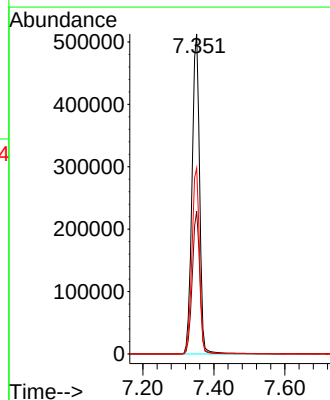
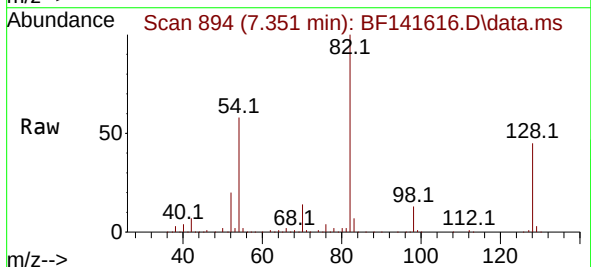
Instrument :
BNA_F
ClientSampleId :
WATER-A

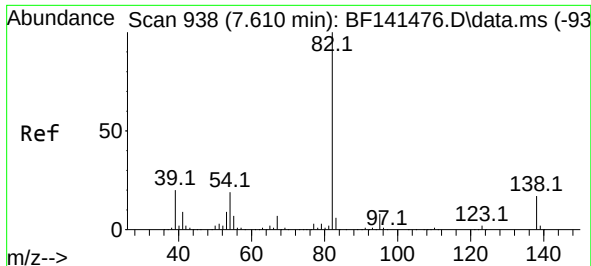
Tgt Ion:136 Resp: 384102
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 7.2 10.8
68 5.0 3.7 5.5



#23
Nitrobenzene-d5
Concen: 103.301 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

Tgt Ion: 82 Resp: 760726
Ion Ratio Lower Upper
82 100
128 44.6 34.8 52.2
54 58.1 48.2 72.4

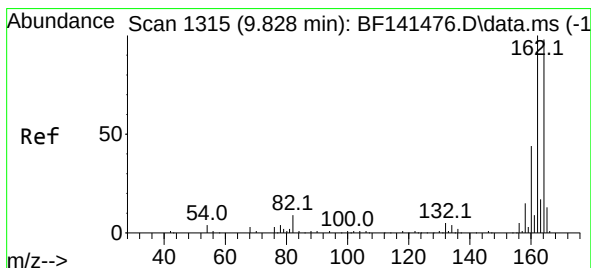
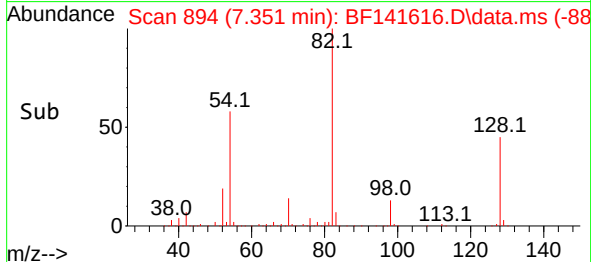
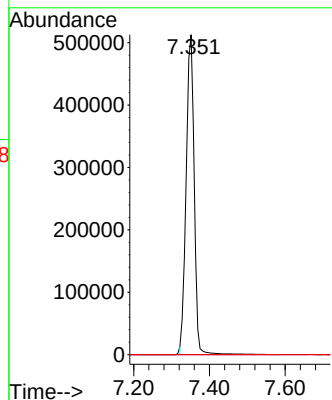
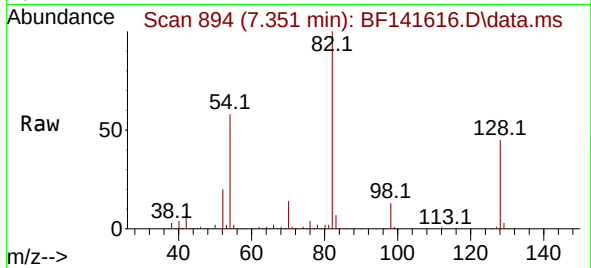




#25
Isophorone
Concen: 64.008 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

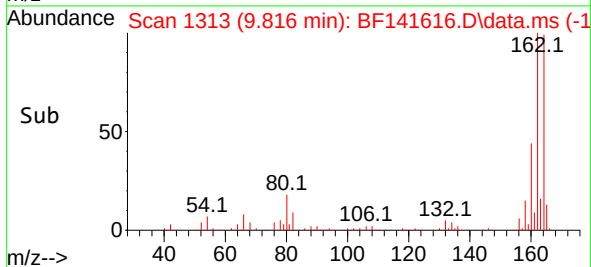
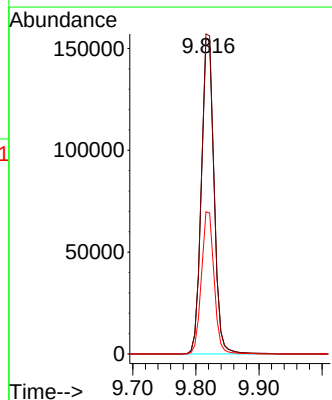
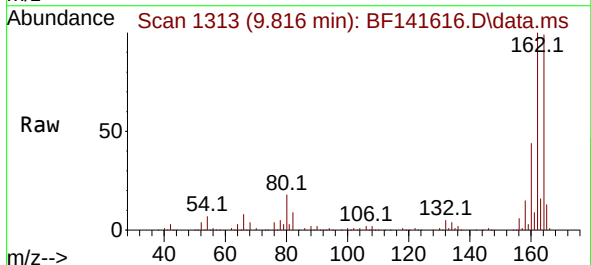
Instrument :
BNA_F
ClientSampleId :
WATER-A

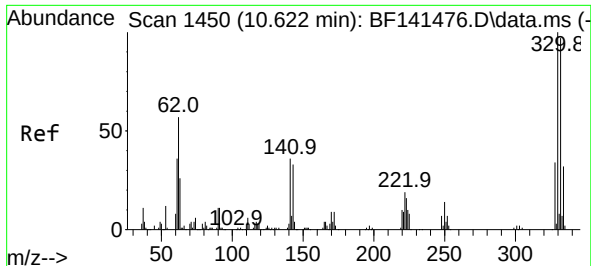
Tgt Ion: 82 Resp: 751578
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

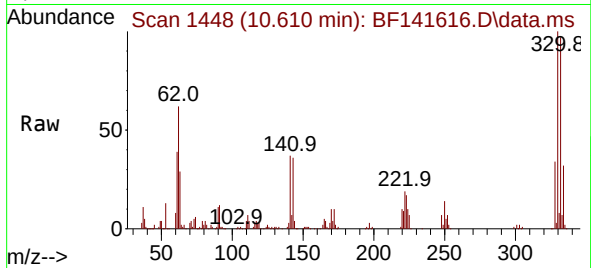
Tgt Ion:164 Resp: 216686
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.0 35.9 53.9



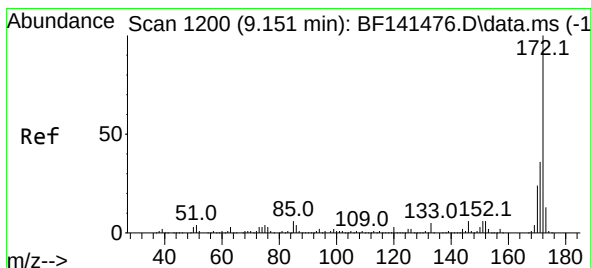
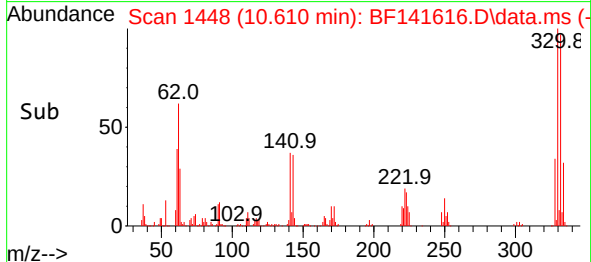
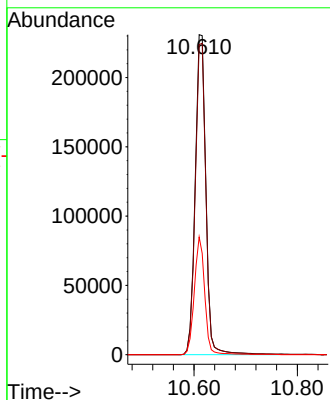


#42
 2,4,6-Tribromophenol
 Concen: 152.196 ng
 RT: 10.610 min Scan# 1448
 Delta R.T. -0.017 min
 Lab File: BF141616.D
 Acq: 13 Feb 2025 15:56

Instrument :
 BNA_F
 ClientSampleId :
 WATER-A

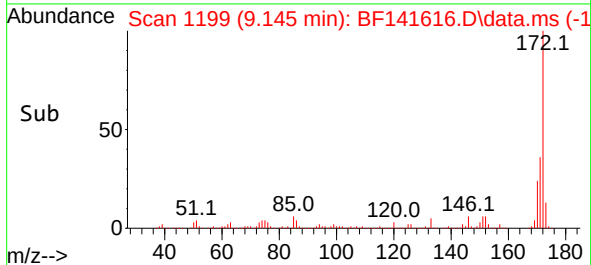
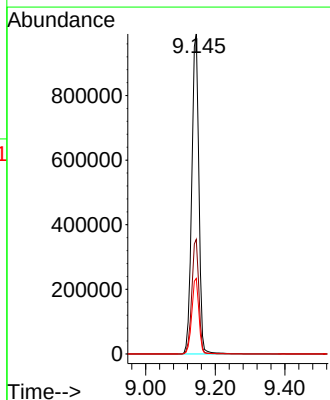
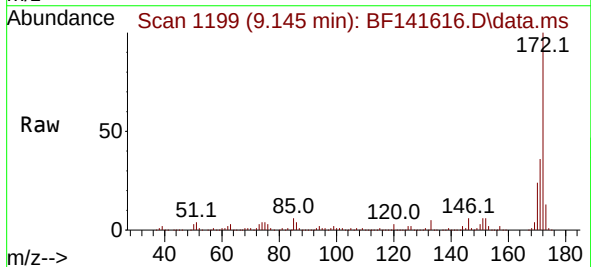


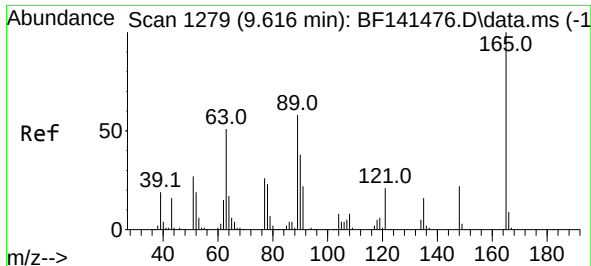
Tgt Ion:330 Resp: 331286
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.5 117.7
 141 35.9 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 100.369 ng
 RT: 9.145 min Scan# 1199
 Delta R.T. -0.006 min
 Lab File: BF141616.D
 Acq: 13 Feb 2025 15:56

Tgt Ion:172 Resp: 1411655
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.7 43.1
 170 23.6 18.9 28.3

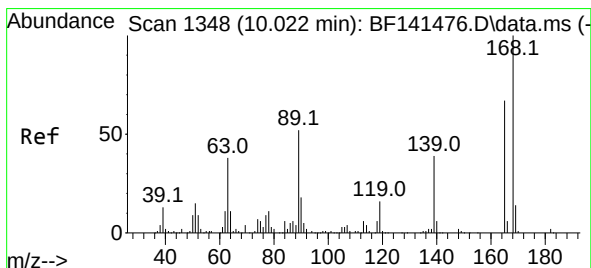
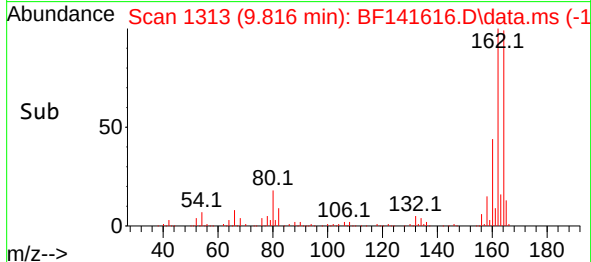
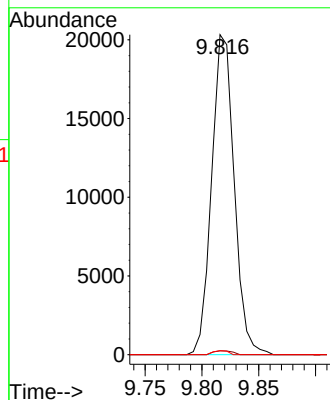
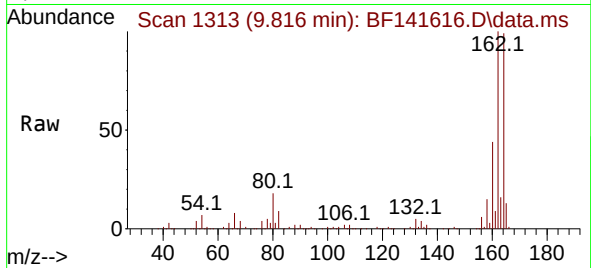




#51
2,6-Dinitrotoluene
Concen: 8.728 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

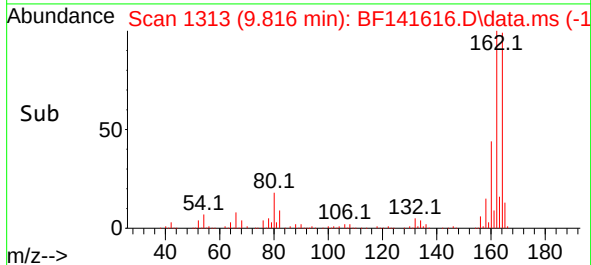
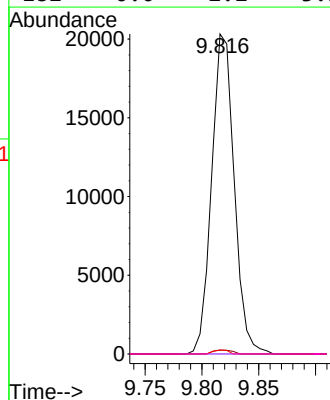
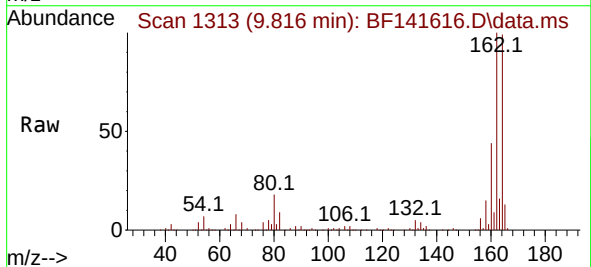
Instrument :
BNA_F
ClientSampleId :
WATER-A

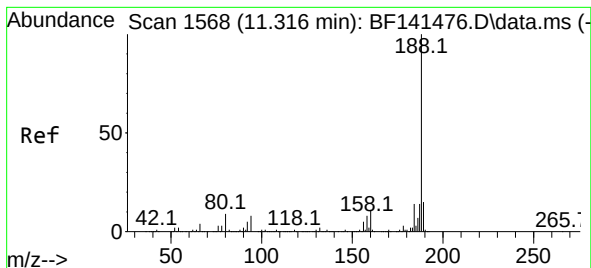
Tgt Ion:165 Resp: 28068
Ion Ratio Lower Upper
165 100
63 1.2 49.4 74.0#
89 1.3 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.556 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF141616.D
Acq: 13 Feb 2025 15:56

Tgt Ion:165 Resp: 28068
Ion Ratio Lower Upper
165 100
63 1.2 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141616.D

Acq: 13 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

WATER-A

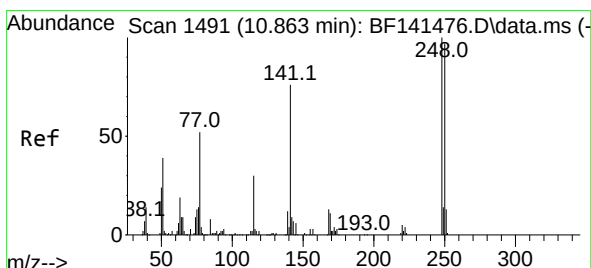
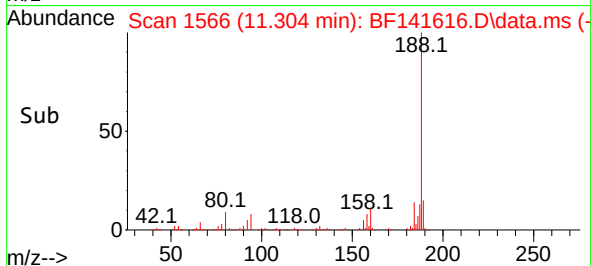
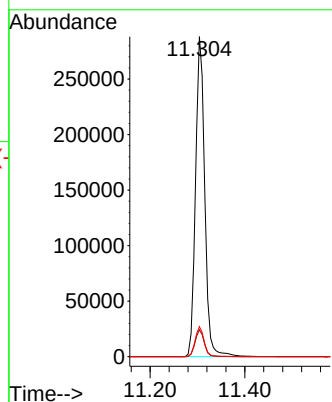
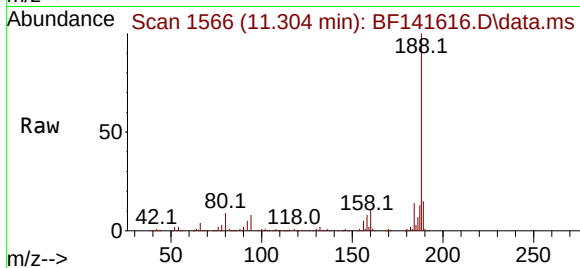
Tgt Ion:188 Resp: 389401

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.308 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.253 min

Lab File: BF141616.D

Acq: 13 Feb 2025 15:56

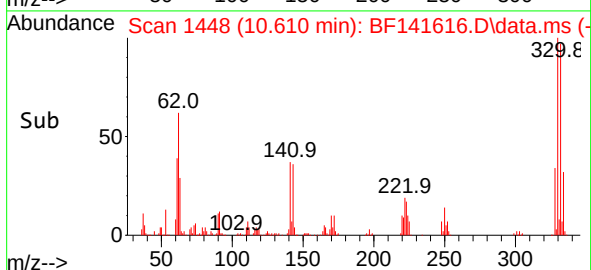
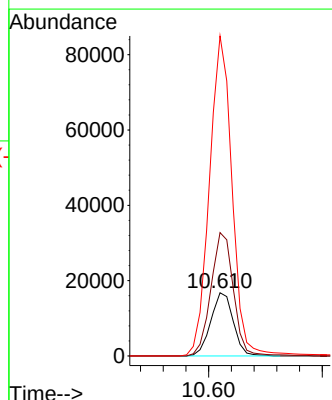
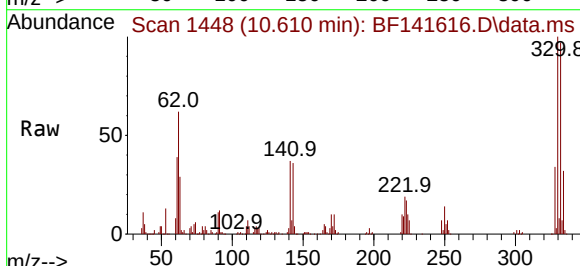
Tgt Ion:248 Resp: 23101

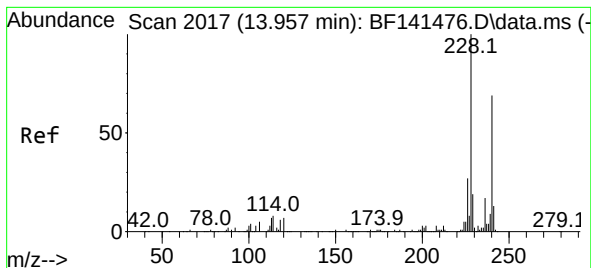
Ion Ratio Lower Upper

248 100

250 195.0 77.8 116.6#

141 505.8 60.6 90.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141616.D

Acq: 13 Feb 2025 15:56

Instrument :

BNA_F

ClientSampleId :

WATER-A

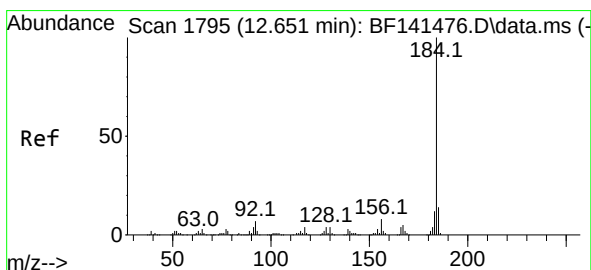
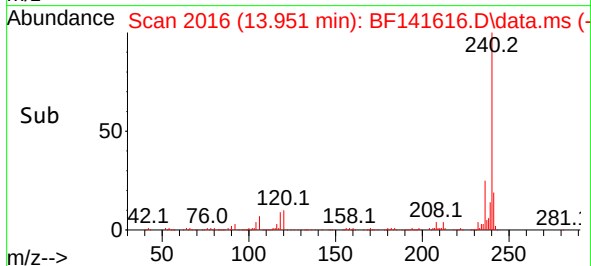
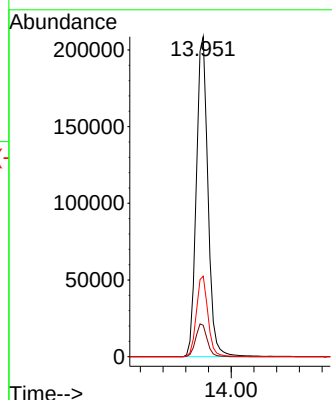
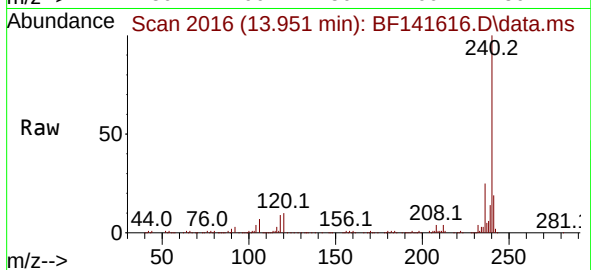
Tgt Ion:240 Resp: 297699

Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

236 25.2 19.8 29.8



#77

Benzdine

Concen: 3.624 ng

RT: 12.898 min Scan# 1837

Delta R.T. 0.241 min

Lab File: BF141616.D

Acq: 13 Feb 2025 15:56

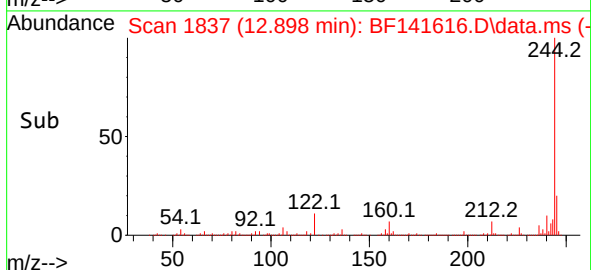
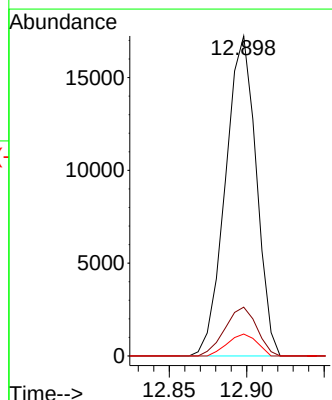
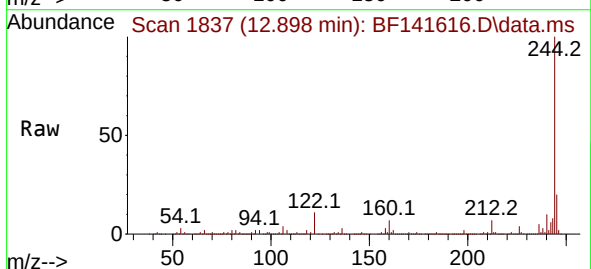
Tgt Ion:184 Resp: 23793

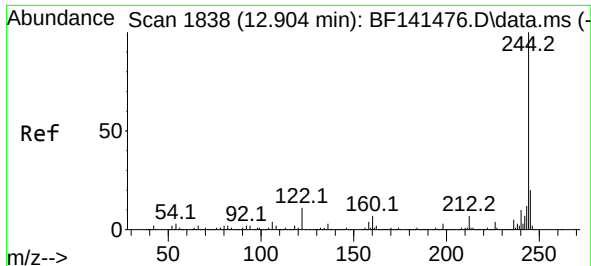
Ion Ratio Lower Upper

184 100

185 15.2 11.3 16.9

183 6.9 9.3 13.9#

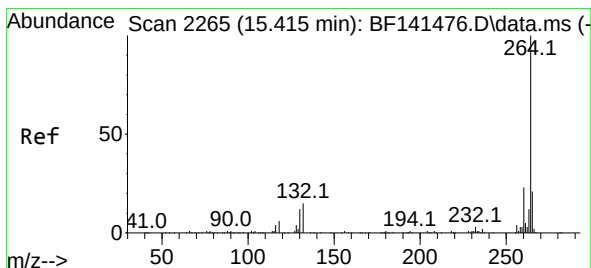
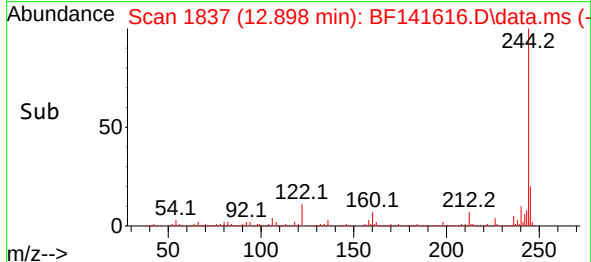
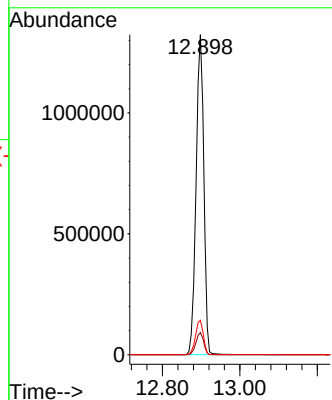
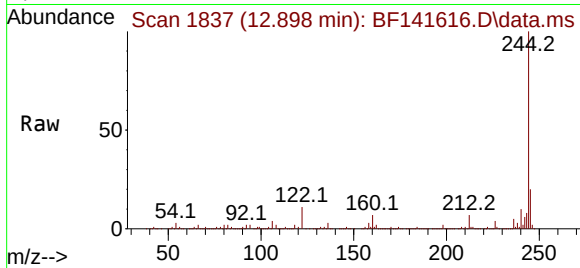




#79
 Terphenyl-d14
 Concen: 103.773 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141616.D
 Acq: 13 Feb 2025 15:56

Instrument :
 BNA_F
 ClientSampleId :
 WATER-A

Tgt Ion:244 Resp: 1829976
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.8 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141616.D
 Acq: 13 Feb 2025 15:56

Tgt Ion:264 Resp: 212527
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.7 17.0 25.4

