

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139860.D
 Acq On : 18 Oct 2024 18:12
 Operator : RC/JU
 Sample : P4425-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Oct 18 23:08:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

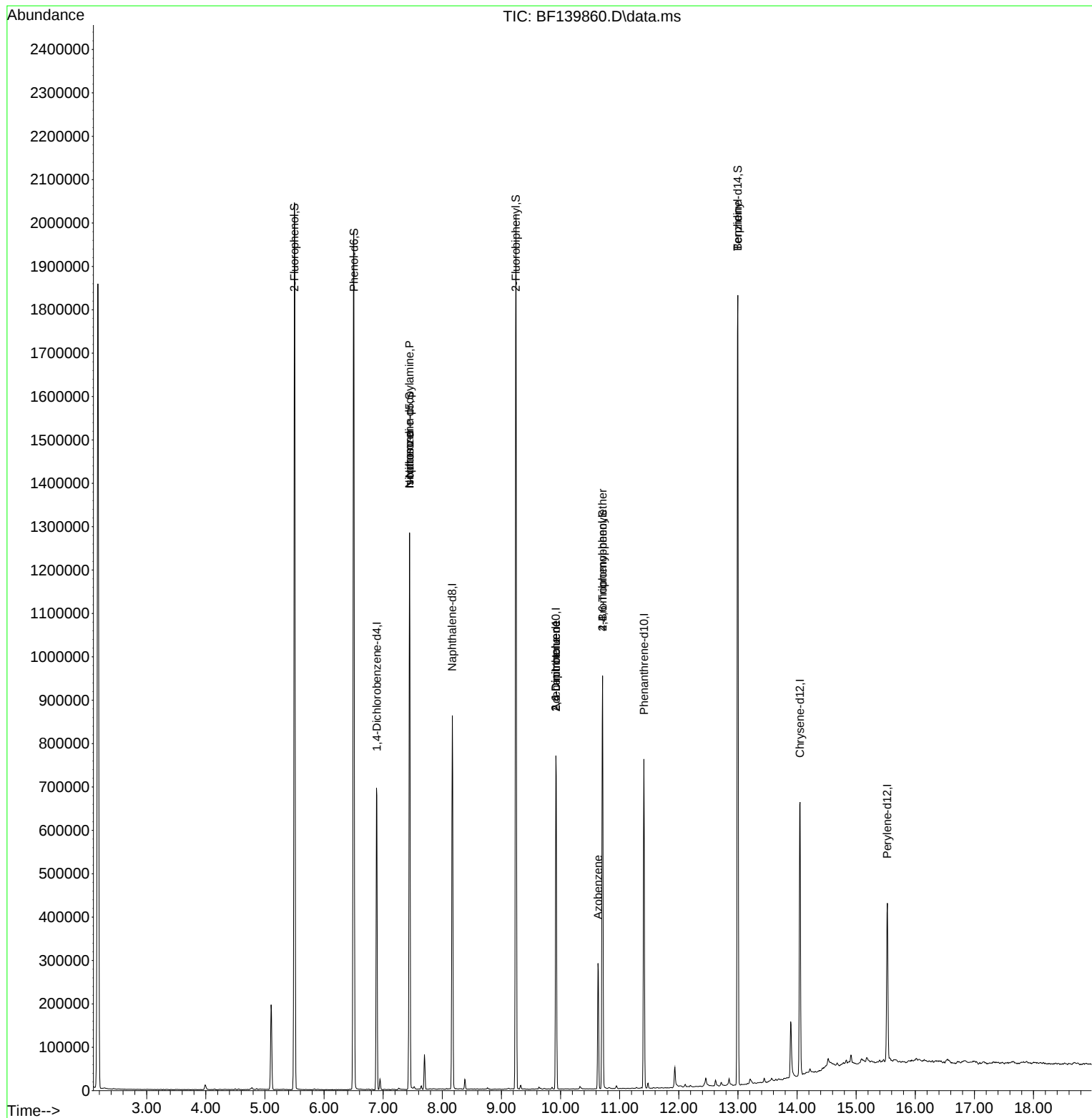
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	142159	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	501747	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	224756	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	382038	20.000	ng	0.00
76) Chrysene-d12	14.051	240	296675	20.000	ng	0.00
86) Perylene-d12	15.527	264	204072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	732800	80.698	ng	0.00
7) Phenol-d6	6.504	99	926332	78.762	ng	0.00
23) Nitrobenzene-d5	7.445	82	520836	57.532	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	147783	70.296	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	844957	62.132	ng	0.00
79) Terphenyl-d14	12.998	244	893264	49.062	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	70307	9.856	ng	# 81
25) Isophorone	7.445	82	519664	30.244	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	28443	9.383	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	28443	7.630	ng	# 21
63) Azobenzene	10.633	77	71992	4.940	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	10023	2.547	ng	# 1
77) Benzidine	12.998	184	11826	2.424	ng	# 93

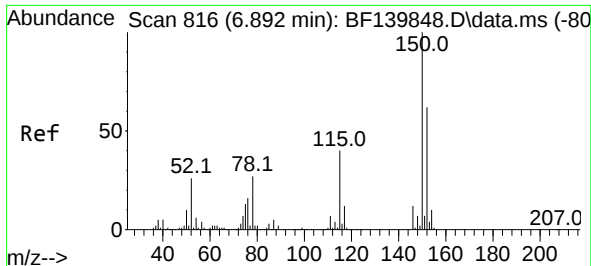
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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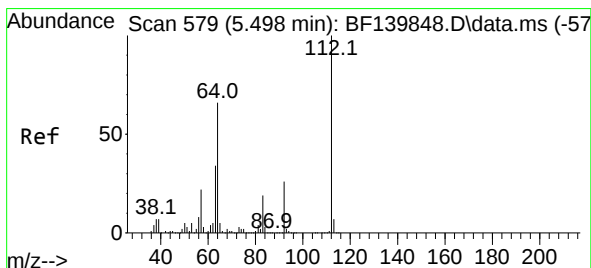
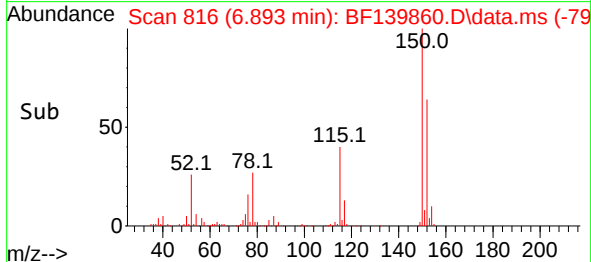
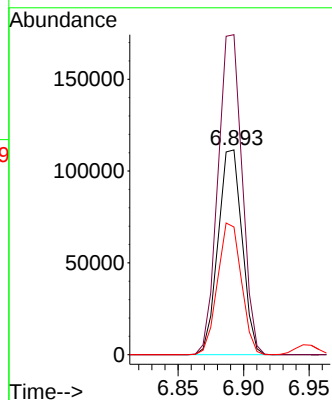
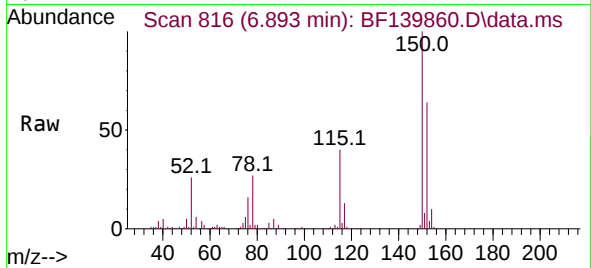




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

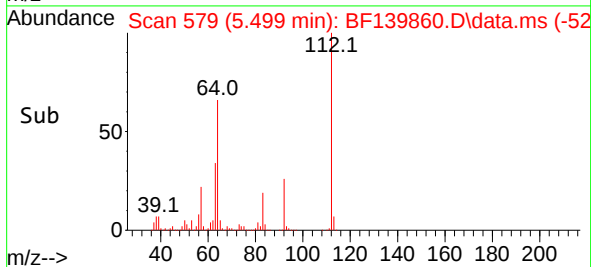
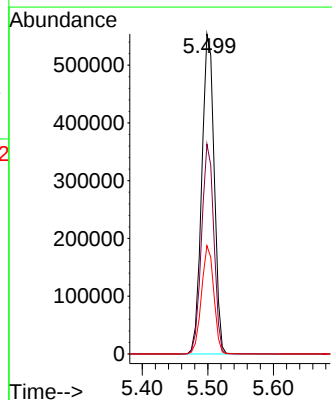
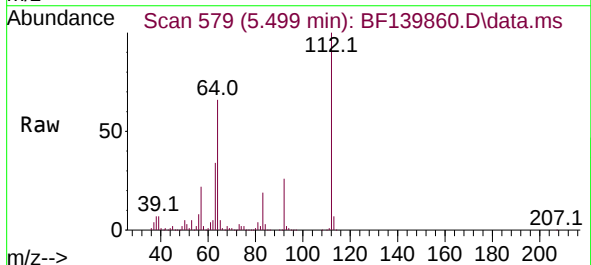
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 142159
Ion Ratio Lower Upper
152 100
150 156.2 130.2 195.2
115 62.4 51.4 77.2



#5
2-Fluorophenol
Concen: 80.698 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion:112 Resp: 732800
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 33.8 27.0 40.4





#7
Phenol-d6
Concen: 78.762 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

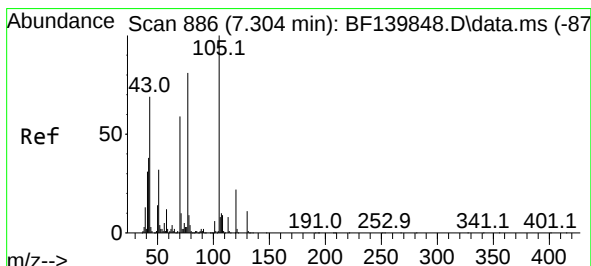
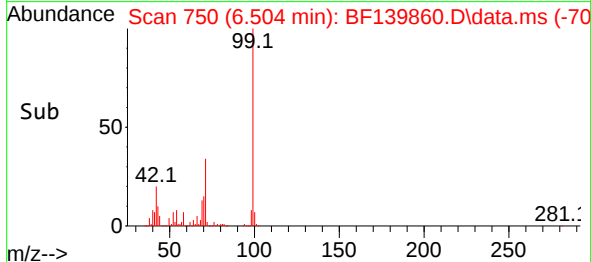
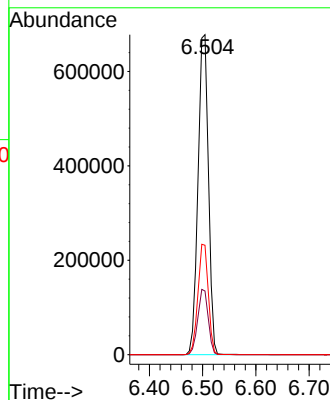
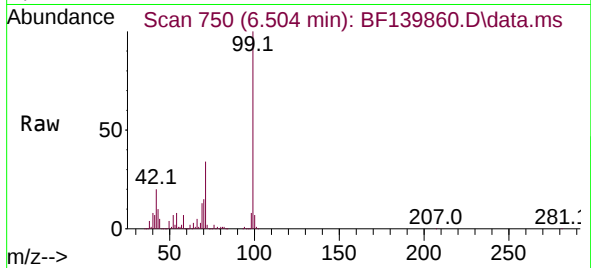
Instrument :

BNA_F

ClientSampleId :

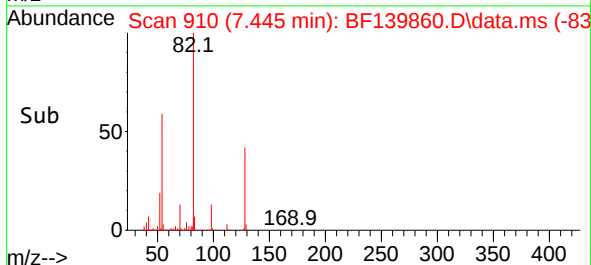
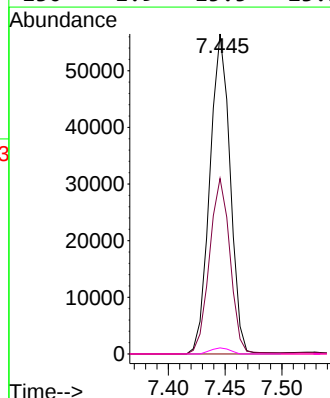
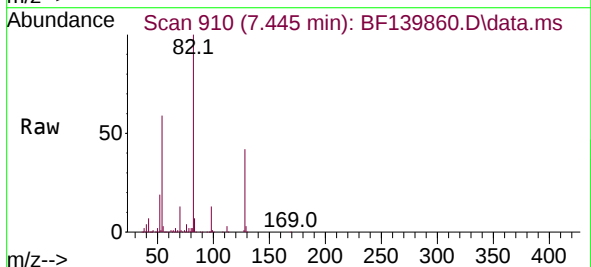
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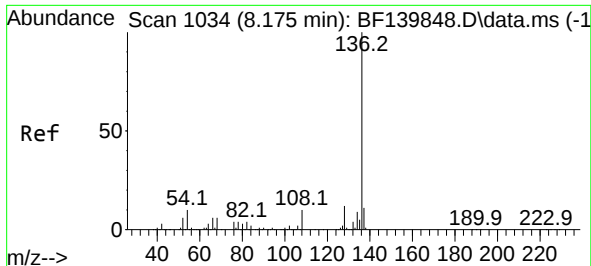
Tgt Ion: 99 Resp: 926332
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 34.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.856 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion: 70 Resp: 70307
Ion Ratio Lower Upper
70 100
42 54.9 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



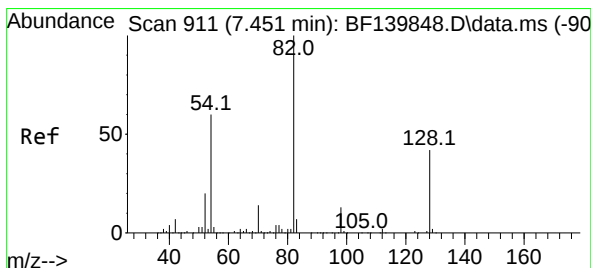
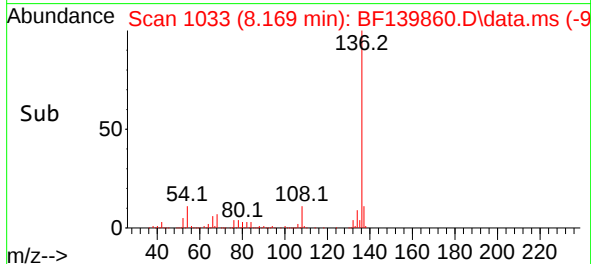
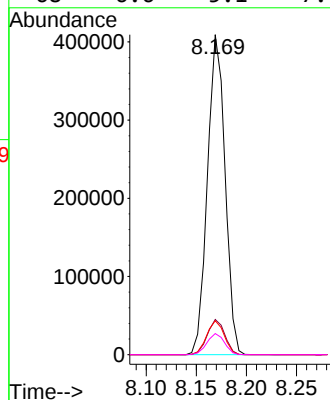
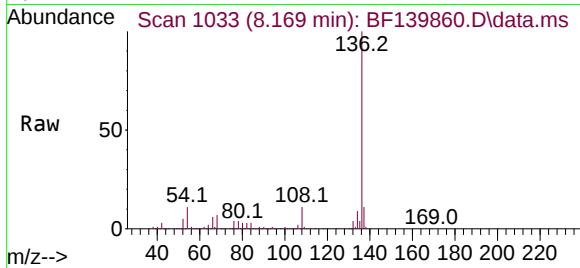


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Instrument :
BNA_F
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Tgt Ion:136 Resp: 501747

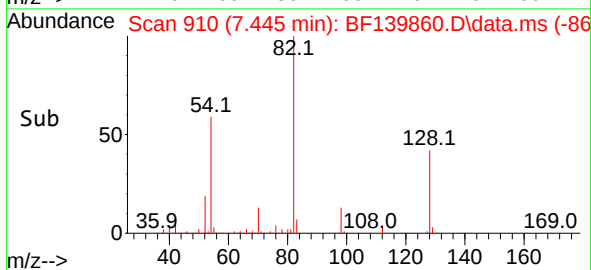
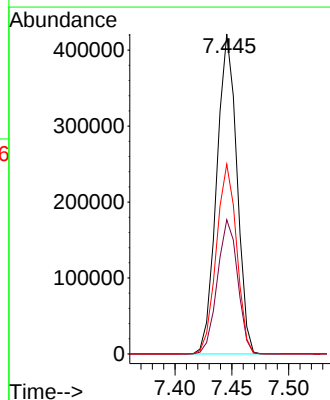
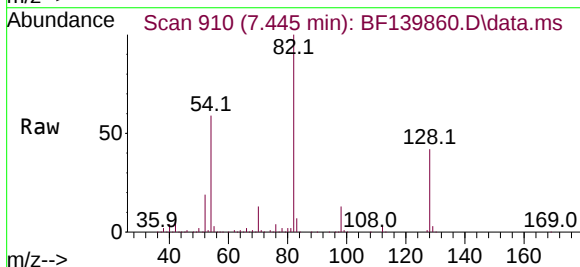
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.6	8.4	12.6
68	6.6	5.1	7.7

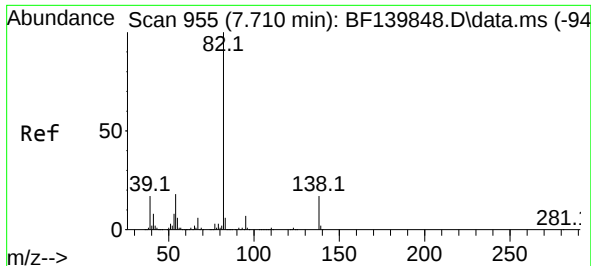


#23
Nitrobenzene-d5
Concen: 57.532 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion: 82 Resp: 520836

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	59.3	47.8	71.8

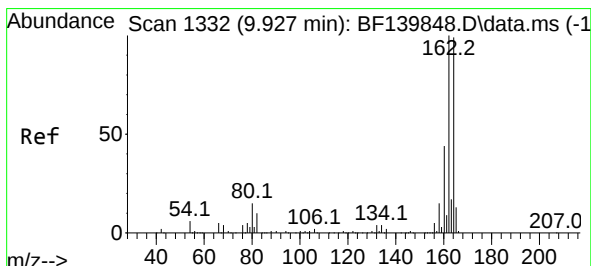
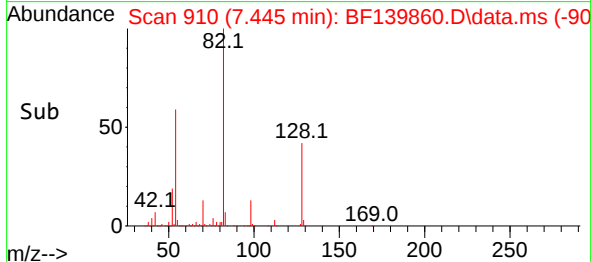
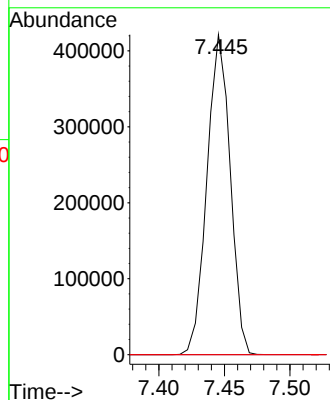
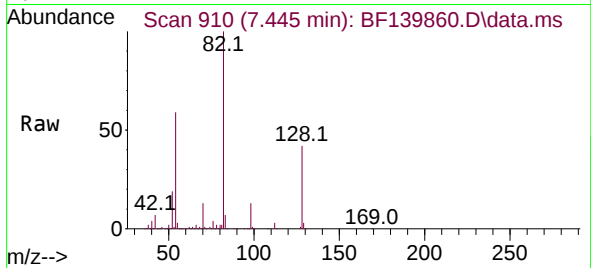




#25
Isophorone
Concen: 30.244 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.264 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

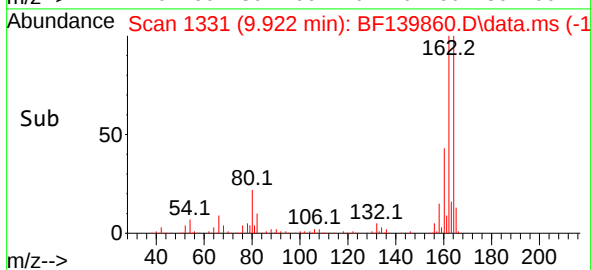
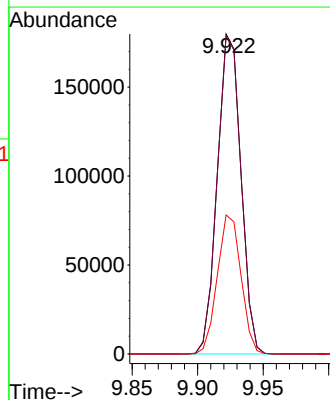
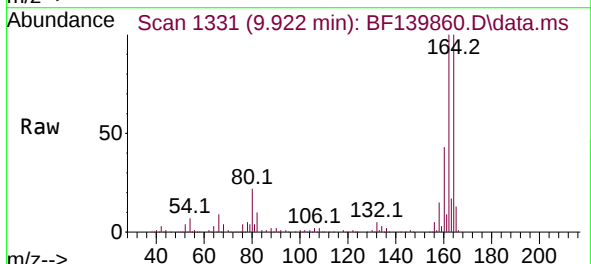
Instrument :
BNA_F
ClientSampleId :
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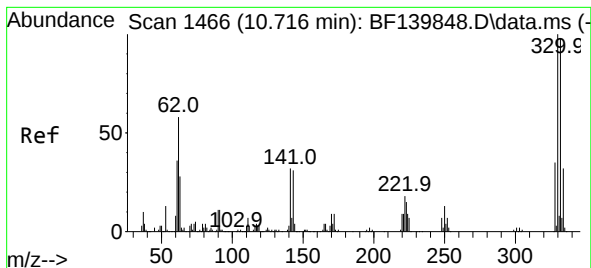
Tgt Ion: 82 Resp: 519664
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion: 164 Resp: 224756
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 43.4 35.4 53.0

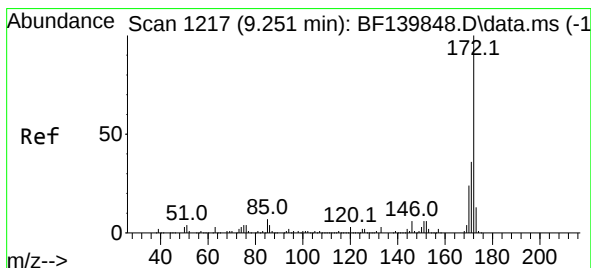
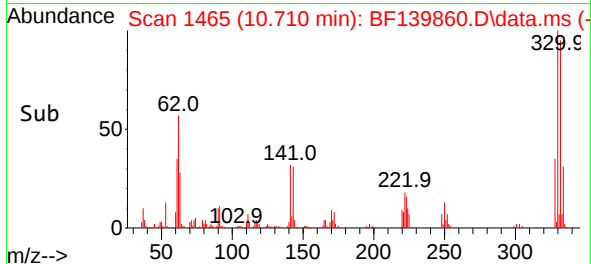
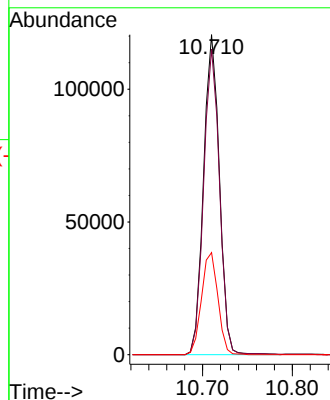
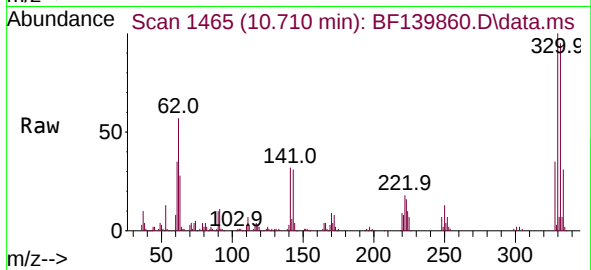




#42
2,4,6-Tribromophenol
Concen: 70.296 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

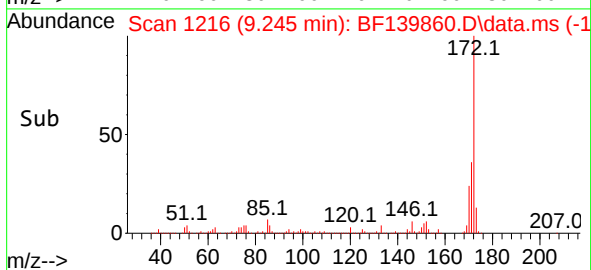
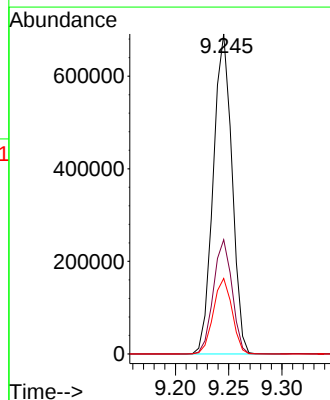
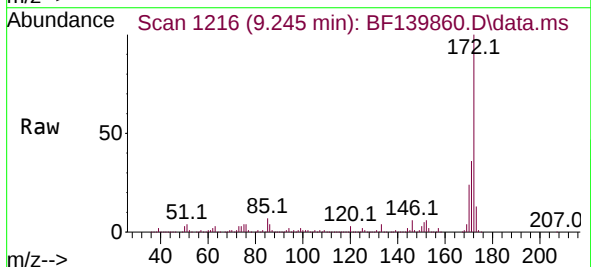
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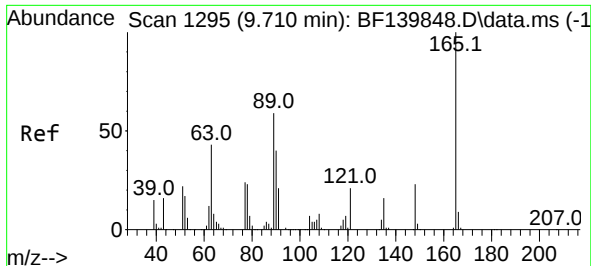
Tgt Ion:330 Resp: 147783
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 32.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 62.132 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion:172 Resp: 844957
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.6 19.1 28.7

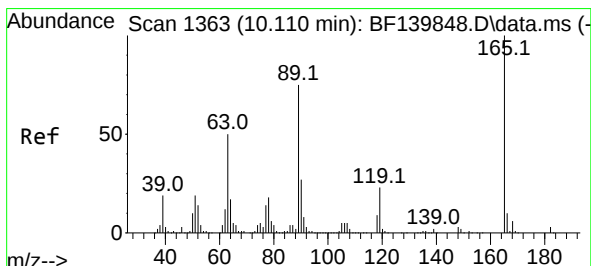
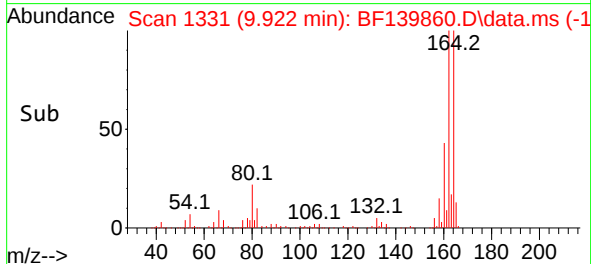
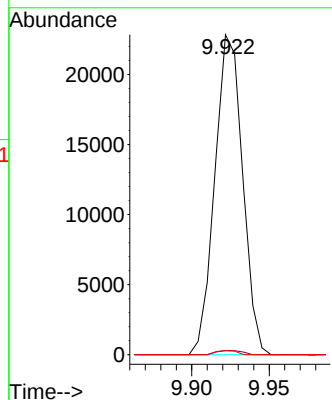
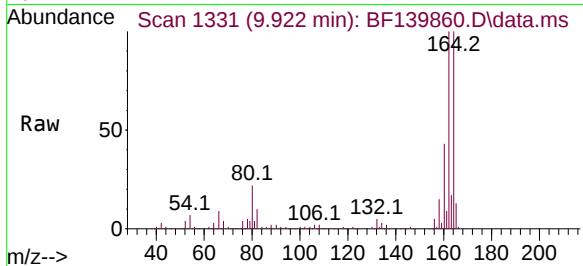




#51
2,6-Dinitrotoluene
Concen: 9.383 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

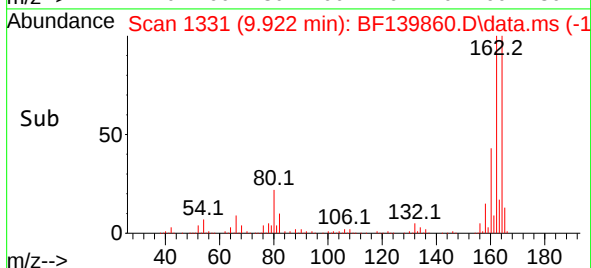
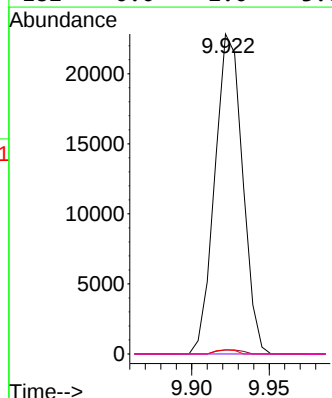
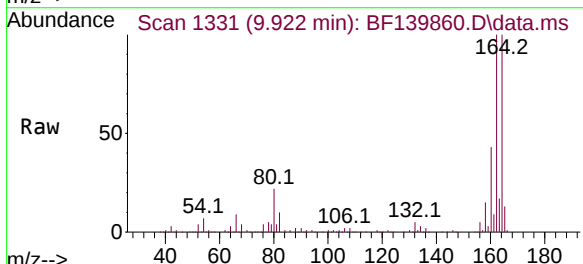
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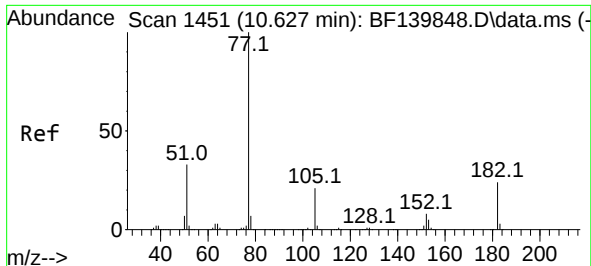
Tgt Ion:165 Resp: 28443
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.630 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion:165 Resp: 28443
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#

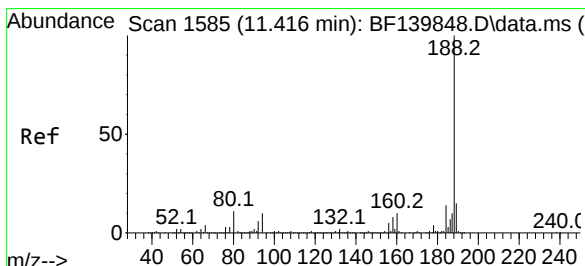
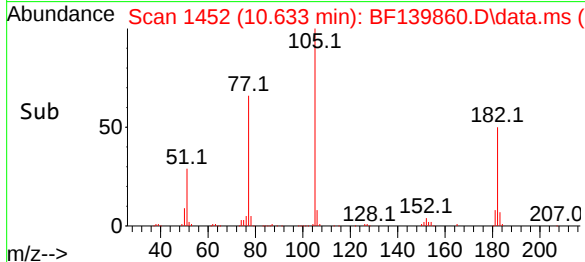
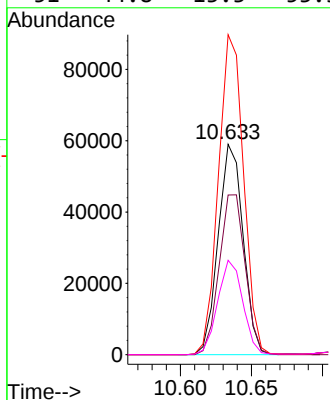
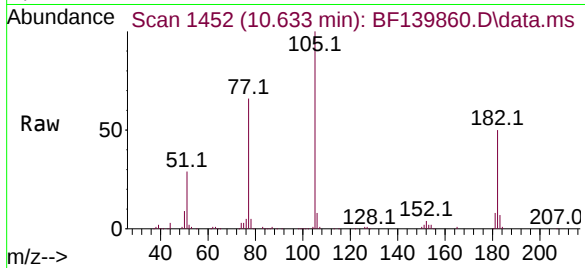




#63
Azobenzene
Concen: 4.940 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

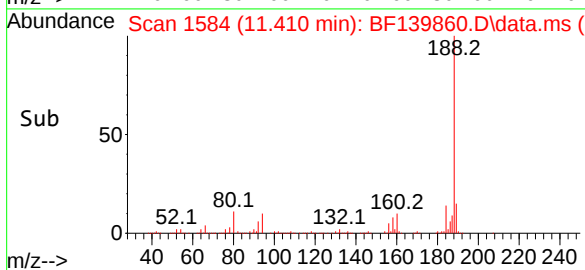
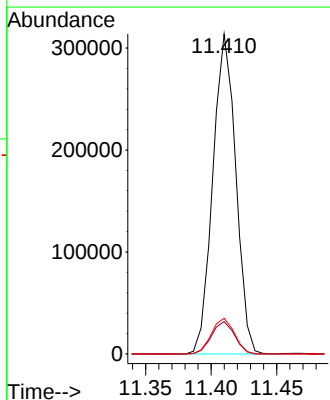
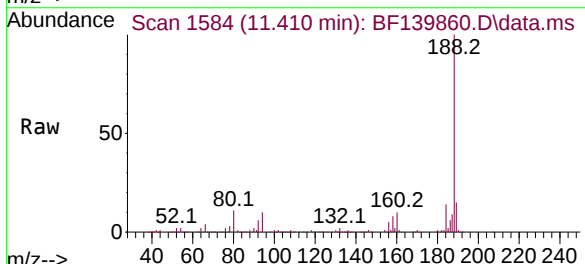
Instrument :
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ClientSampleId :
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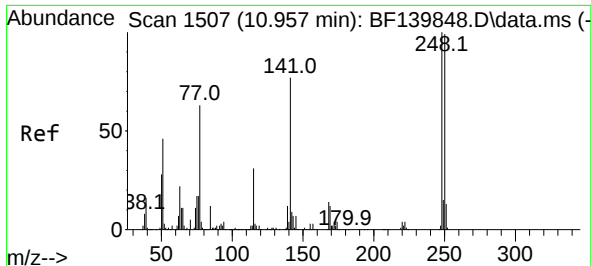
Tgt Ion: 77	Resp: 71992
Ion Ratio	Lower Upper
77 100	
182 75.9	3.3 43.3#
105 152.1	1.2 41.2#
51 44.8	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Tgt Ion: 188	Resp: 382038
Ion Ratio	Lower Upper
188 100	
94 10.1	7.9 11.9
80 11.2	9.0 13.4





#67

4-Bromophenyl-phenylether

Concen: 2.547 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139860.D

Acq: 18 Oct 2024 18:12

Instrument :

BNA_F

ClientSampleId :

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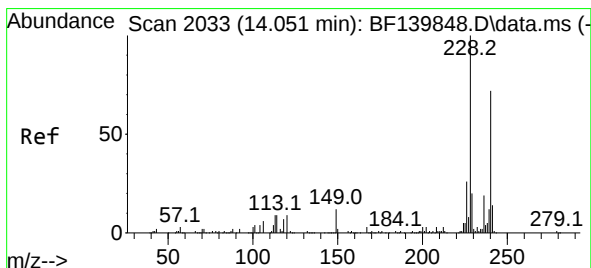
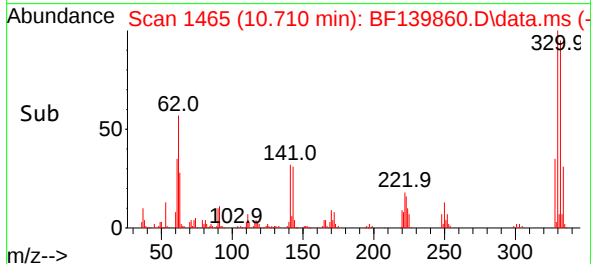
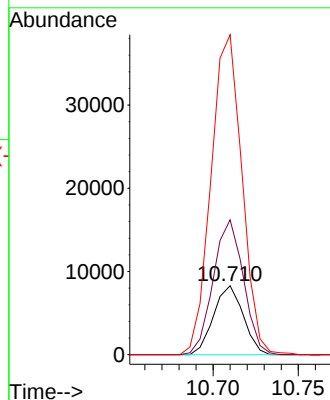
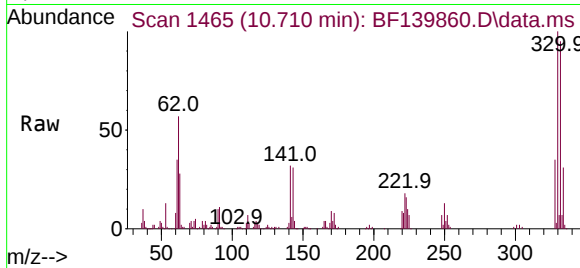
Tgt Ion:248 Resp: 10023

Ion Ratio Lower Upper

248 100

250 195.8 79.0 118.6#

141 464.3 61.7 92.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139860.D

Acq: 18 Oct 2024 18:12

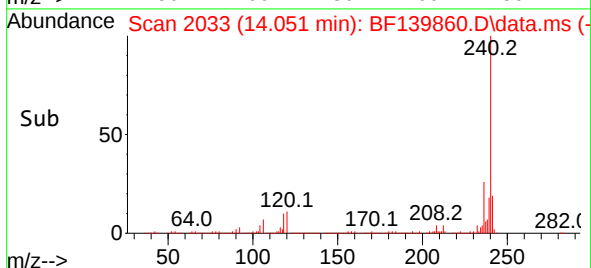
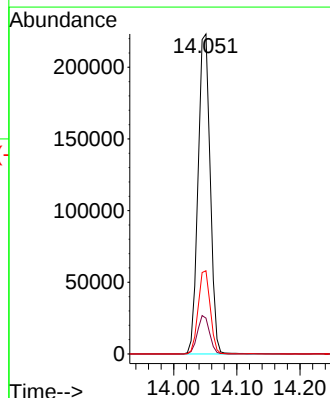
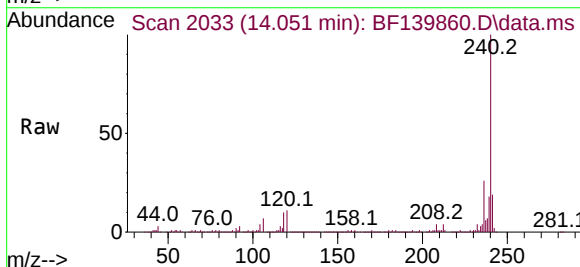
Tgt Ion:240 Resp: 296675

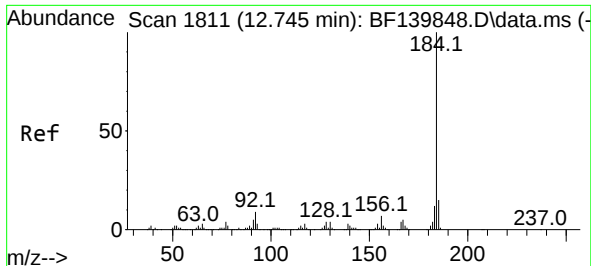
Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 26.0 20.9 31.3

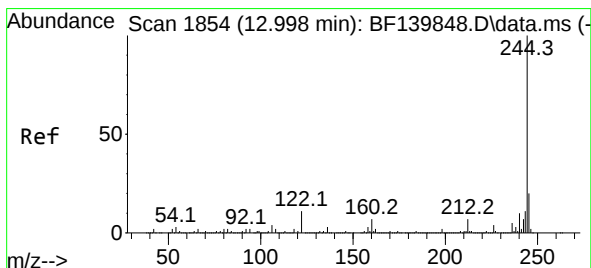
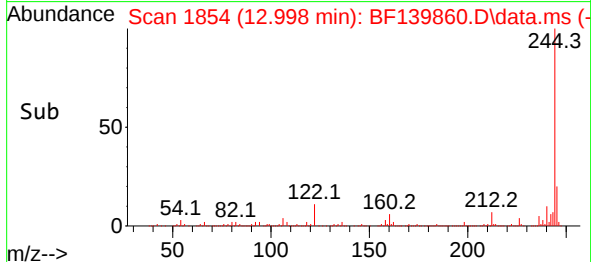
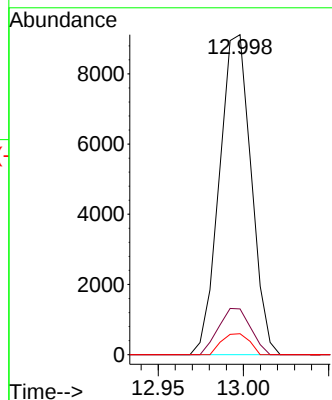
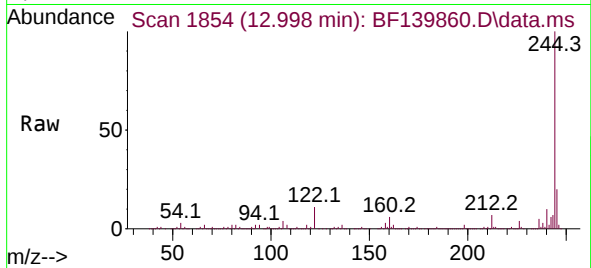




#77
Benzidine
Concen: 2.424 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

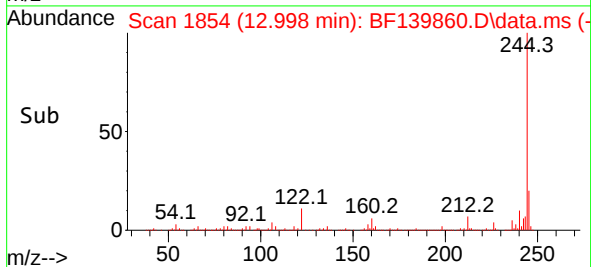
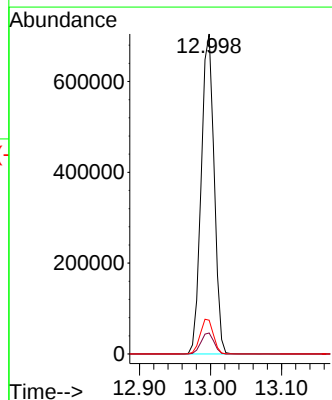
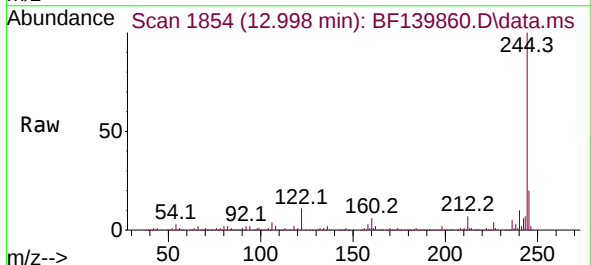
Instrument :
BNA_F
ClientSampleId :
TP-3

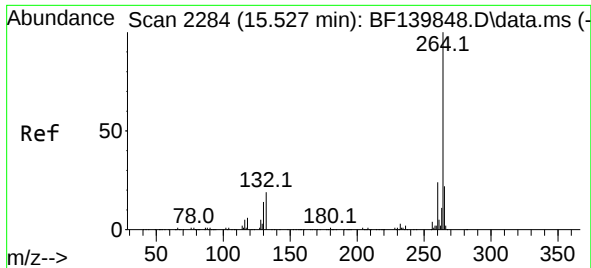
Tgt Ion:184 Resp: 11826
Ion Ratio Lower Upper
184 100
185 14.3 12.0 18.0
183 6.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 49.062 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

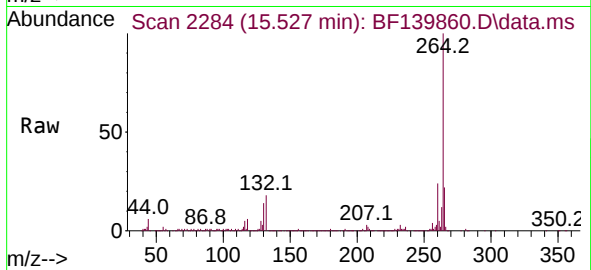
Tgt Ion:244 Resp: 893264
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.5 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139860.D
Acq: 18 Oct 2024 18:12

Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:264 Resp: 204072

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.7	17.4	26.0

