

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139859.D
 Acq On : 18 Oct 2024 17:44
 Operator : RC/JU
 Sample : P4425-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 18 18:15:59 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)

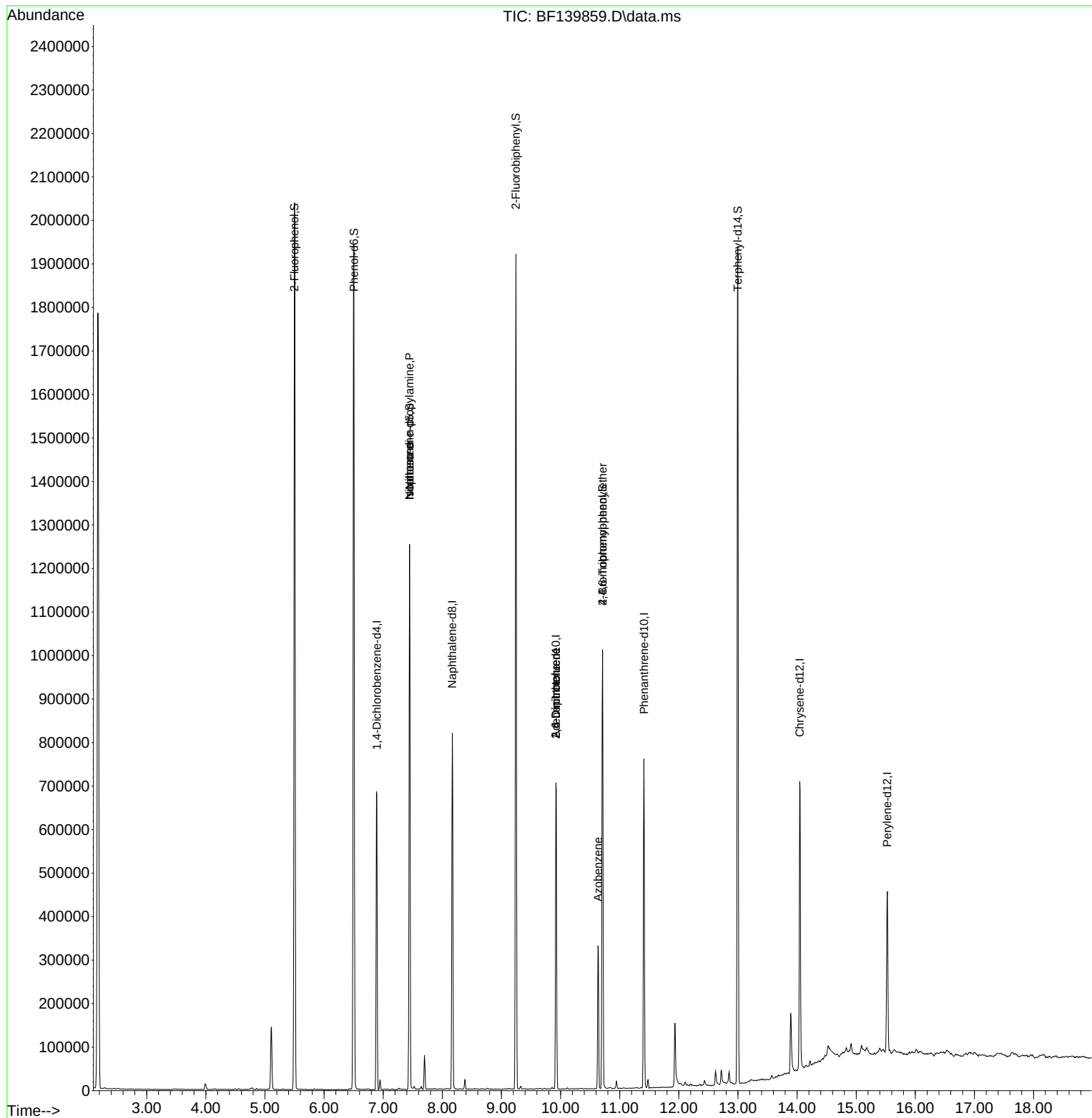
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	141592	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	471345	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	206525	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	379227	20.000	ng	0.00
76) Chrysene-d12	14.045	240	310398	20.000	ng	0.00
86) Perylene-d12	15.527	264	211756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	742969	82.145	ng	0.00
7) Phenol-d6	6.504	99	893732	76.295	ng	0.00
23) Nitrobenzene-d5	7.445	82	504361	59.306	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	153647	79.537	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	799584	63.986	ng	0.00
79) Terphenyl-d14	12.998	244	943719	49.542	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	68390	9.626	ng	# 81
25) Isophorone	7.445	82	504216	31.238	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	27029	9.704	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	27029	7.891	ng	# 21
63) Azobenzene	10.633	77	82822	6.185	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	10494	2.686	ng	# 1

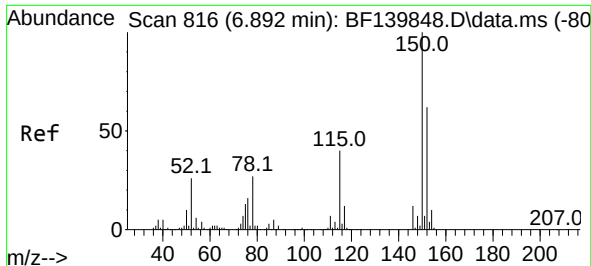
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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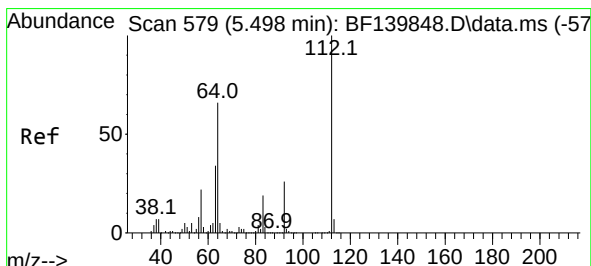
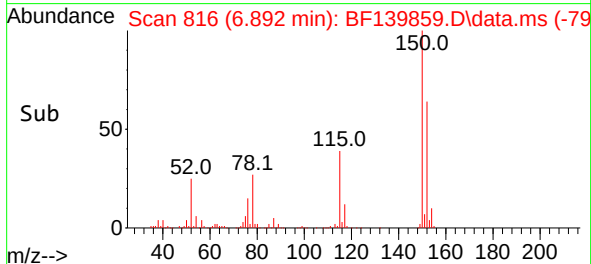
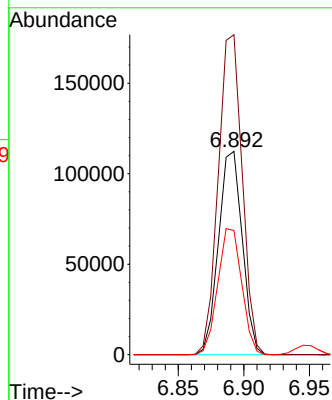
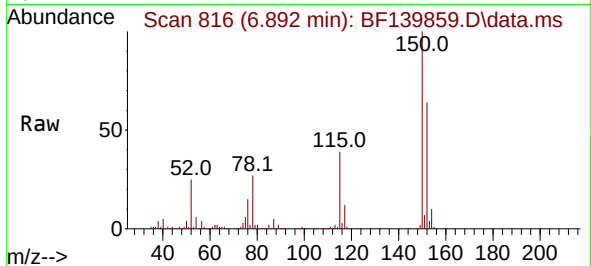




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

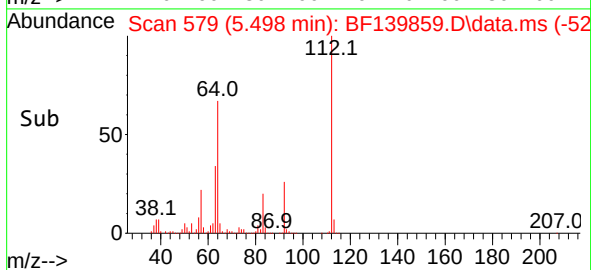
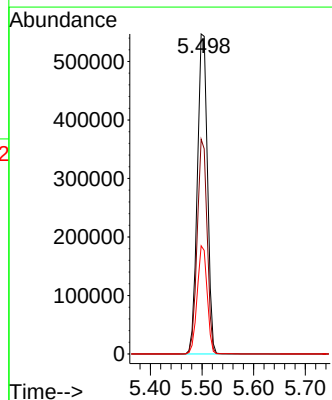
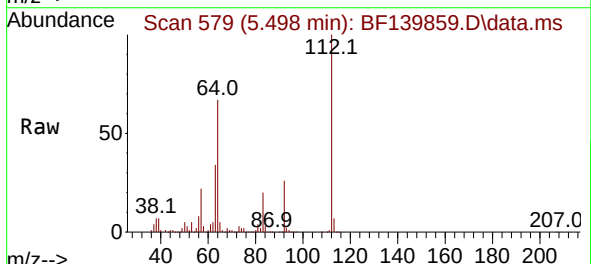
Instrument :
BNA_F
ClientSampleId :
TP-2

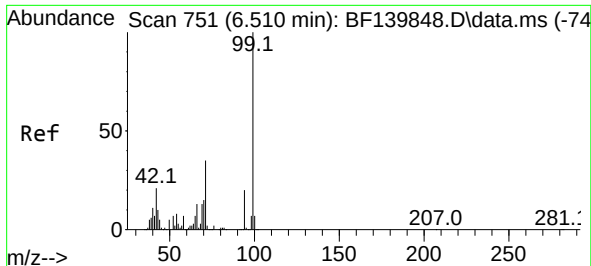
Tgt Ion:152 Resp: 141592
Ion Ratio Lower Upper
152 100
150 157.4 130.2 195.2
115 61.1 51.4 77.2



#5
2-Fluorophenol
Concen: 82.145 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

Tgt Ion:112 Resp: 742969
Ion Ratio Lower Upper
112 100
64 67.1 53.0 79.6
63 33.8 27.0 40.4

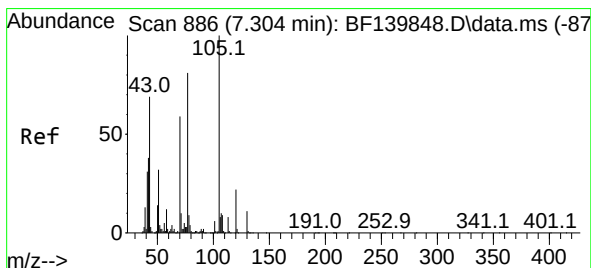
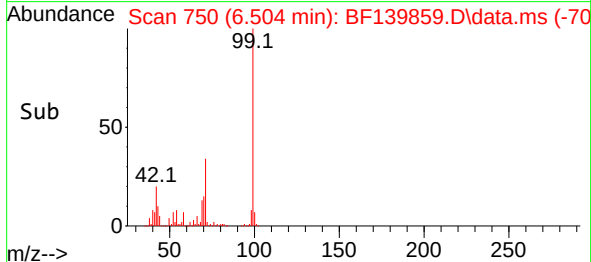
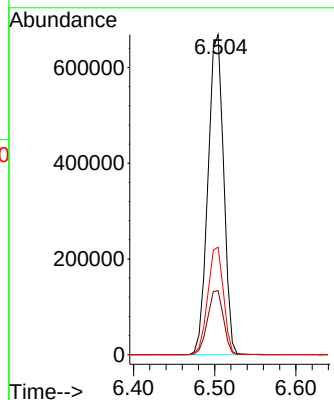
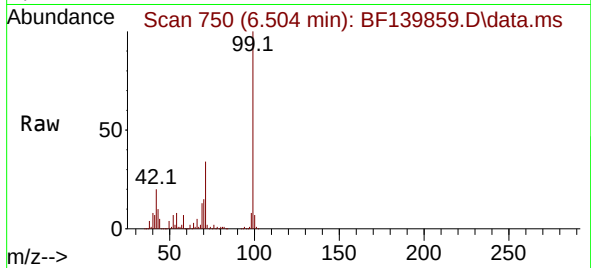




#7
Phenol-d6
Concen: 76.295 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

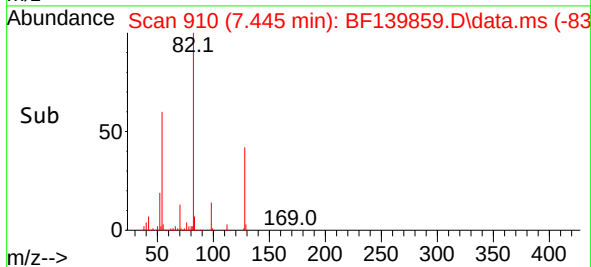
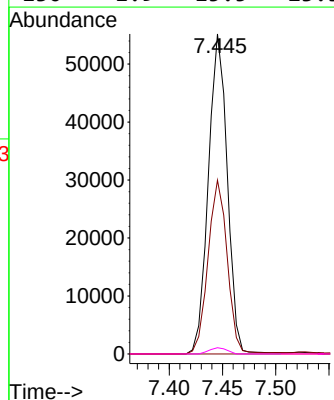
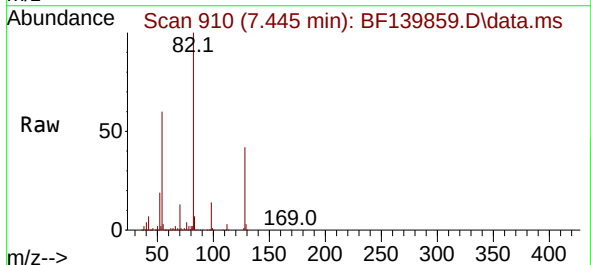
Instrument :
BNA_F
ClientSampleId :
TP-2

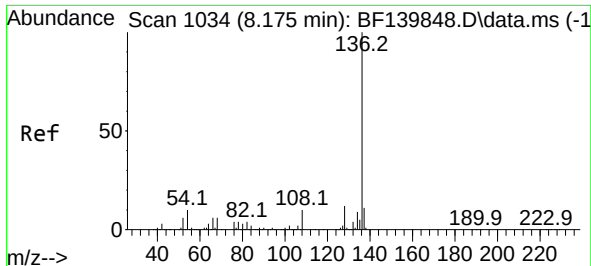
Tgt Ion: 99 Resp: 893732
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 33.6 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.626 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

Tgt Ion: 70 Resp: 68390
Ion Ratio Lower Upper
70 100
42 54.3 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



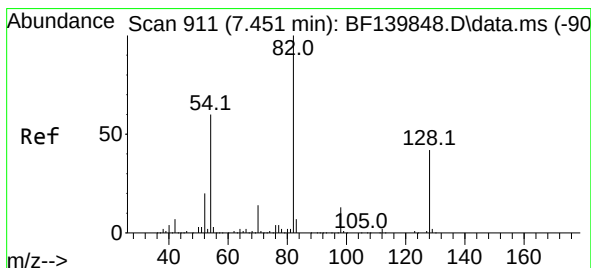
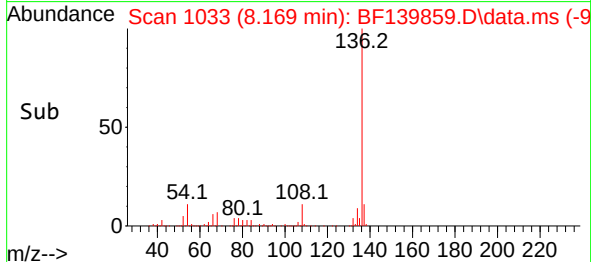
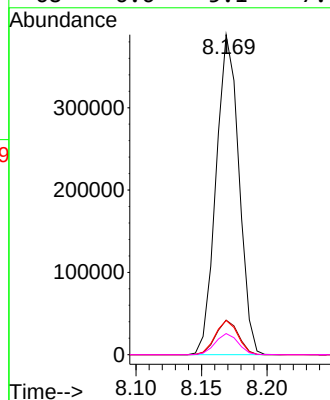
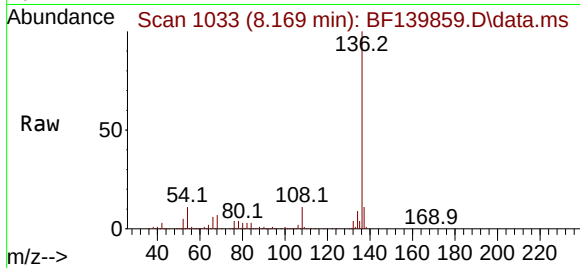


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 471345

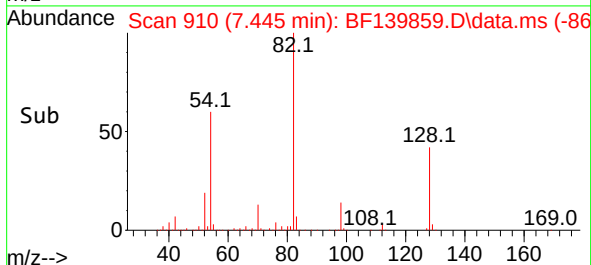
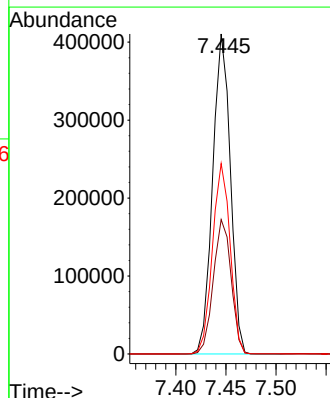
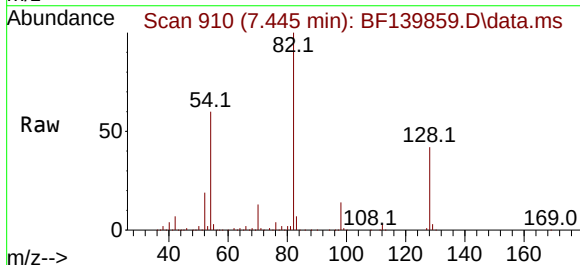
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.7	8.4	12.6
68	6.6	5.1	7.7

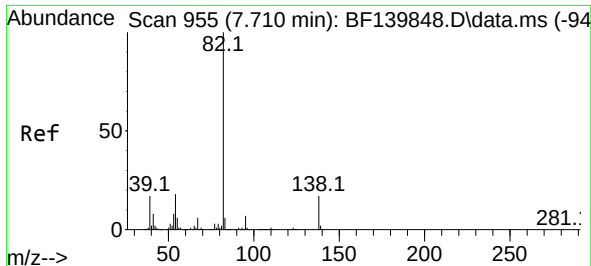


#23
Nitrobenzene-d5
Concen: 59.306 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

Tgt Ion: 82 Resp: 504361

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	59.5	47.8	71.8

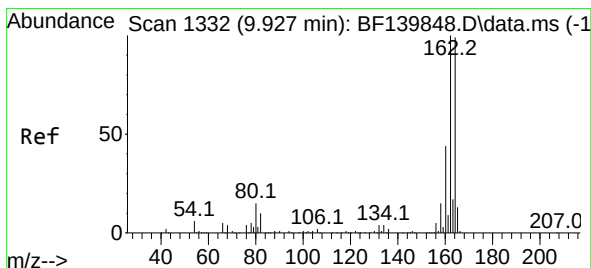
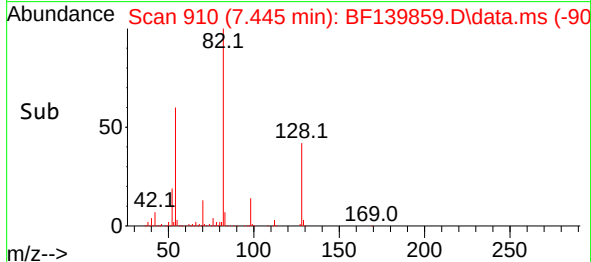
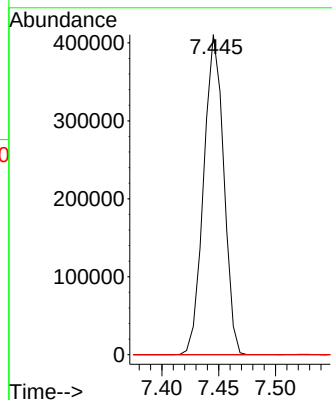
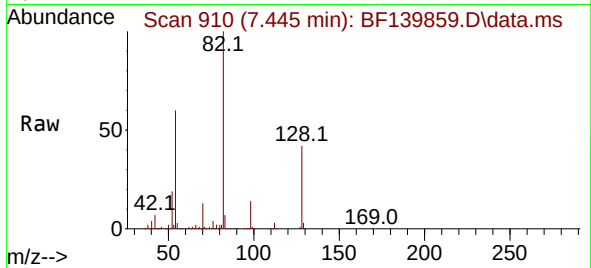




#25
Isophorone
Concen: 31.238 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

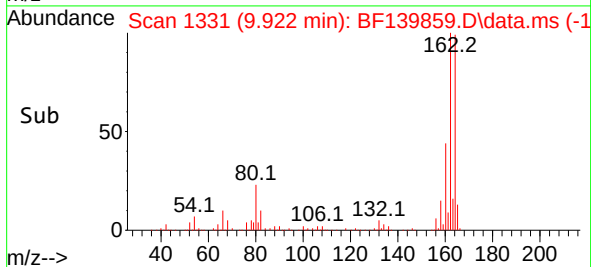
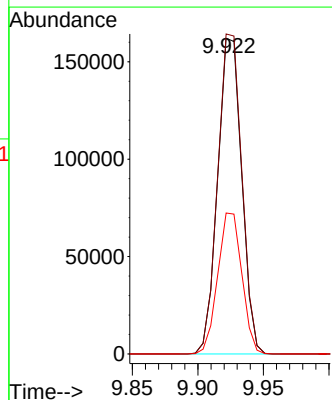
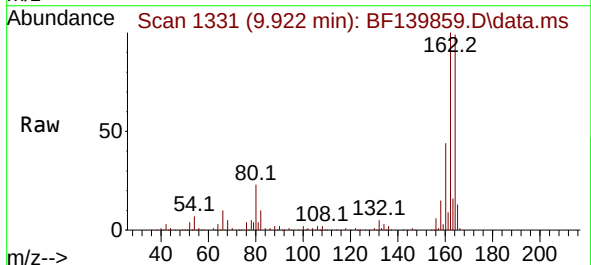
Instrument :
BNA_F
ClientSampleId :
TP-2

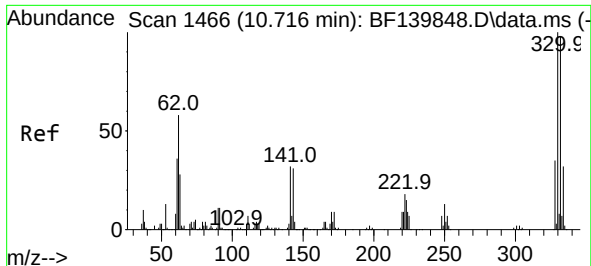
Tgt Ion: 82 Resp: 504216
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

Tgt Ion: 164 Resp: 206525
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.7 35.4 53.0

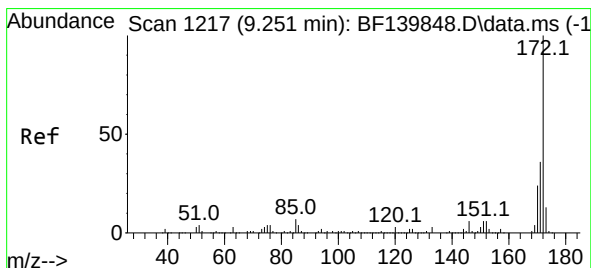
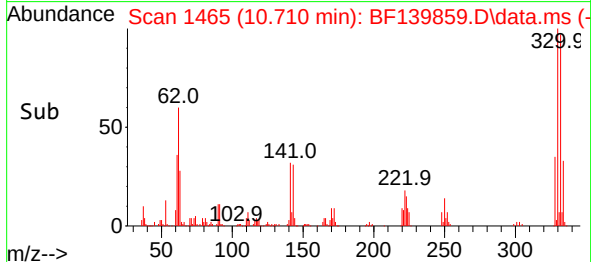
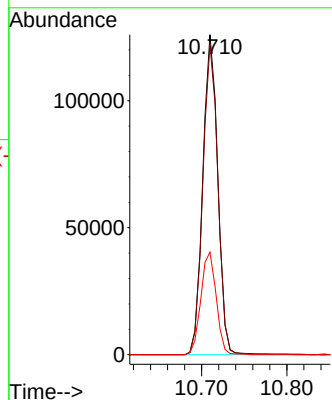
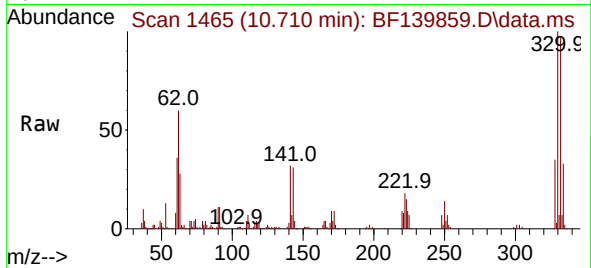




#42
 2,4,6-Tribromophenol
 Concen: 79.537 ng
 RT: 10.710 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BF139859.D
 Acq: 18 Oct 2024 17:44

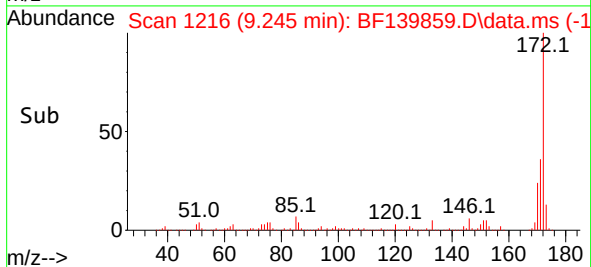
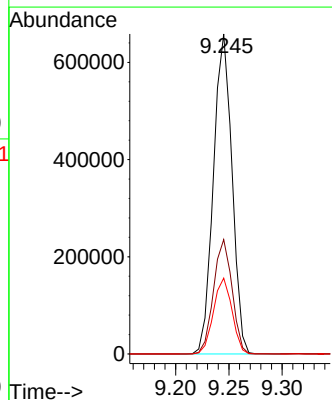
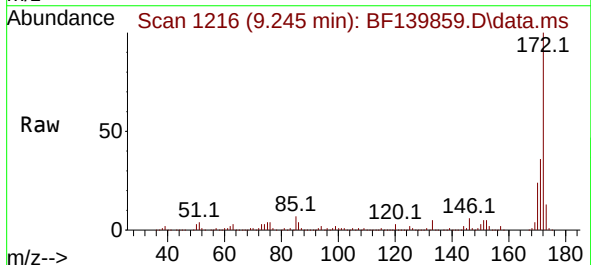
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

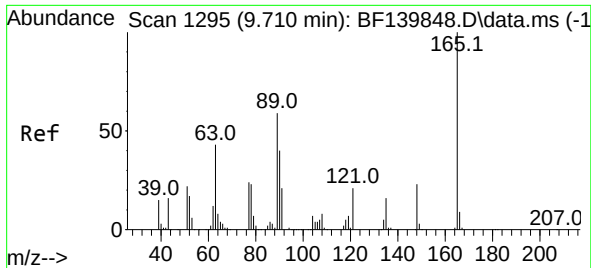
Tgt Ion: 330 Resp: 153647
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.1 117.1
 141 32.8 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 63.986 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF139859.D
 Acq: 18 Oct 2024 17:44

Tgt Ion: 172 Resp: 799584
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.7 19.1 28.7

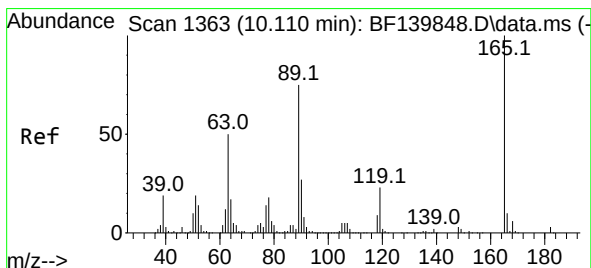
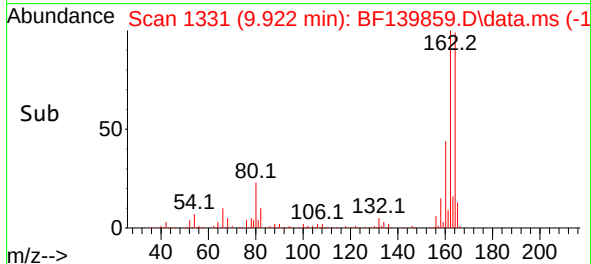
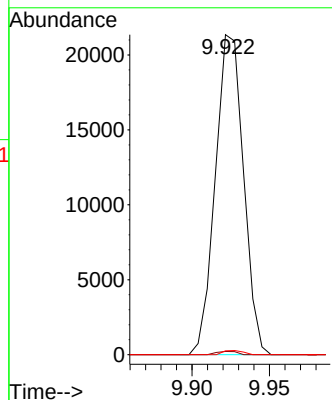
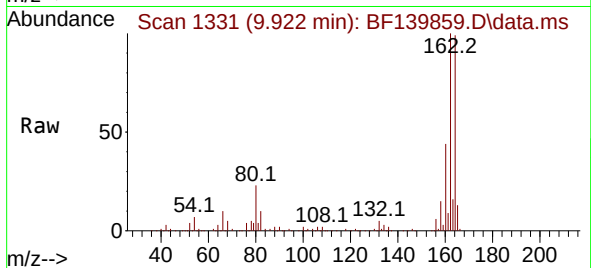




#51
2,6-Dinitrotoluene
Concen: 9.704 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

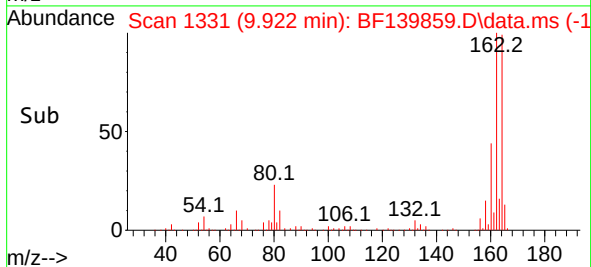
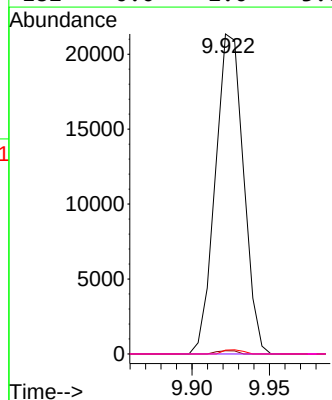
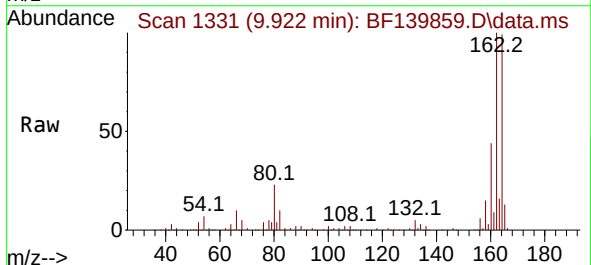
Instrument :
BNA_F
ClientSampleId :
TP-2

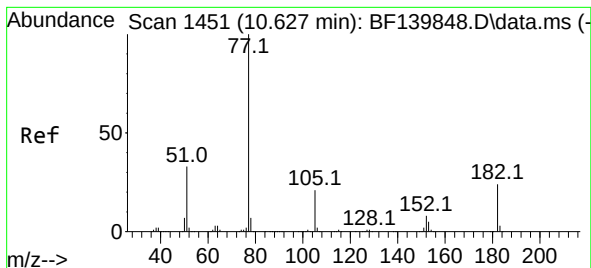
Tgt Ion:165 Resp: 27029
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.891 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

Tgt Ion:165 Resp: 27029
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 6.185 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139859.D

Acq: 18 Oct 2024 17:44

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion: 77 Resp: 82822

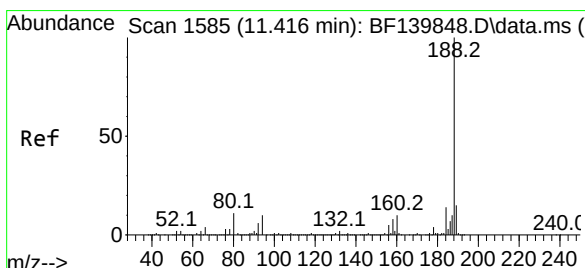
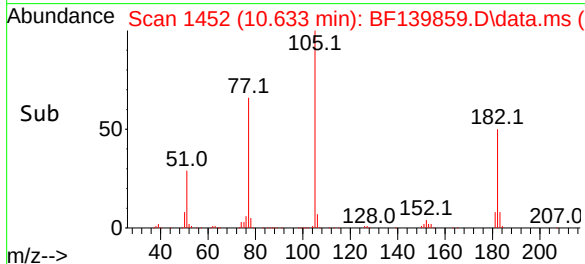
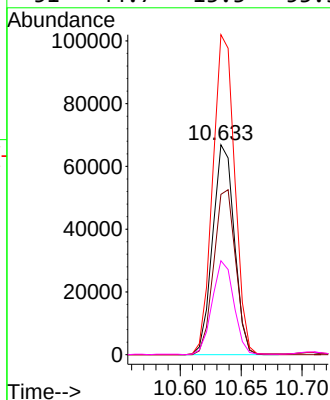
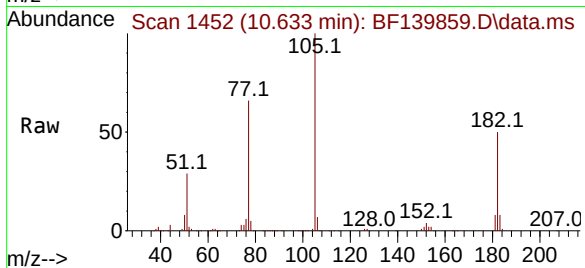
Ion Ratio Lower Upper

77 100

182 76.4 3.3 43.3#

105 152.5 1.2 41.2#

51 44.7 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: BF139859.D

Acq: 18 Oct 2024 17:44

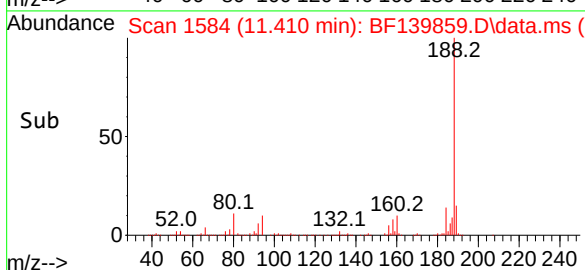
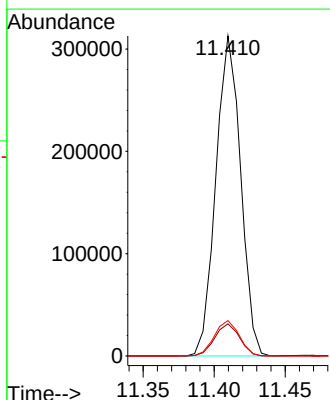
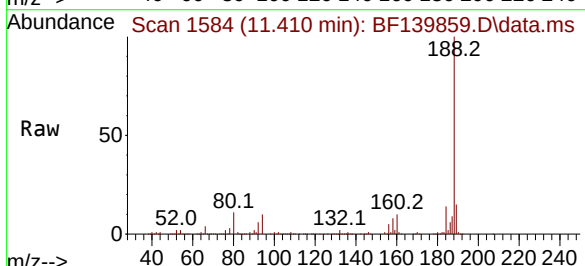
Tgt Ion: 188 Resp: 379227

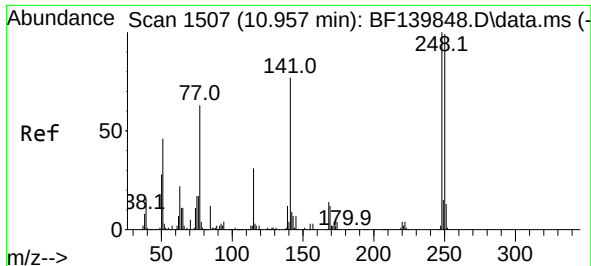
Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 11.1 9.0 13.4

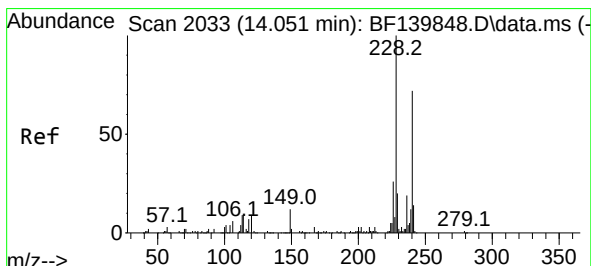
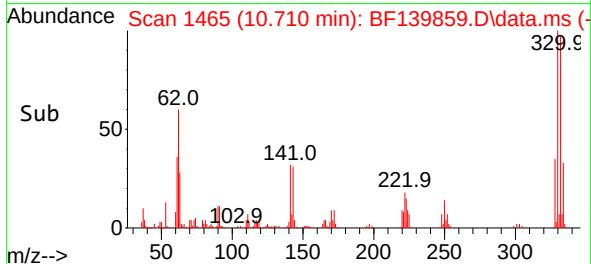
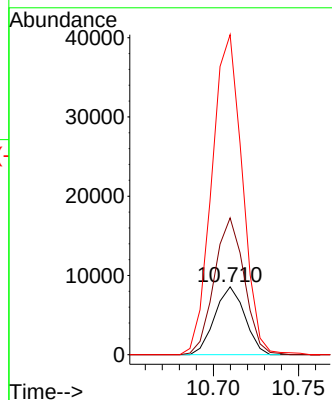
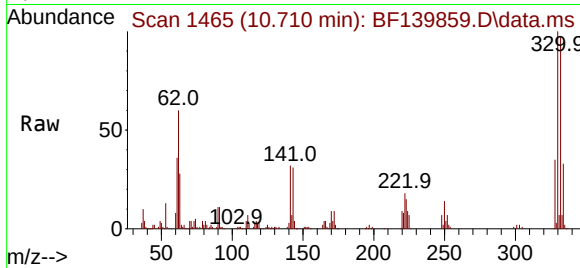




#67
4-Bromophenyl-phenylether
Concen: 2.686 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

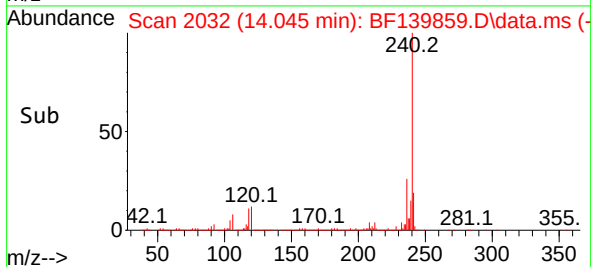
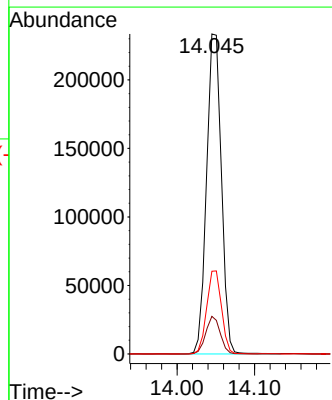
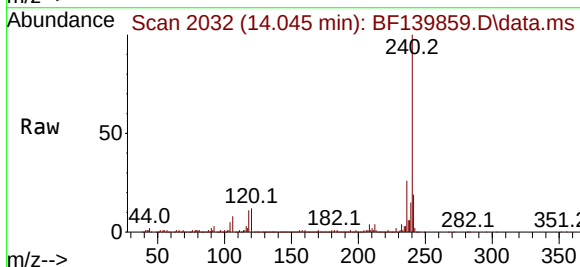
Instrument :
BNA_F
ClientSampleId :
TP-2

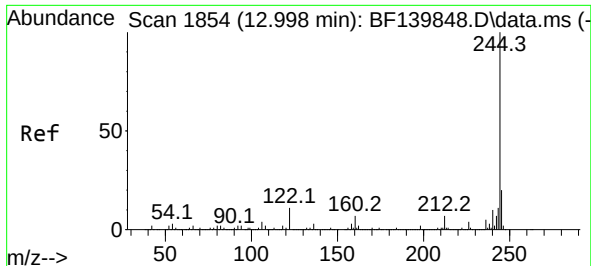
Tgt Ion:248 Resp: 10494
Ion Ratio Lower Upper
248 100
250 201.7 79.0 118.6#
141 471.6 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139859.D
Acq: 18 Oct 2024 17:44

Tgt Ion:240 Resp: 310398
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 25.9 20.9 31.3

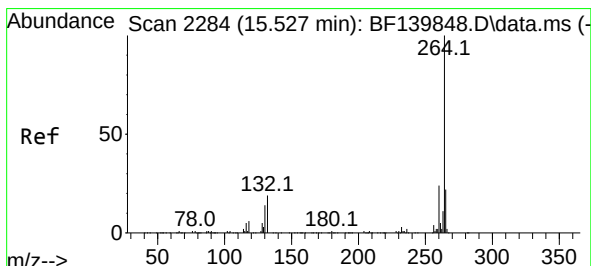
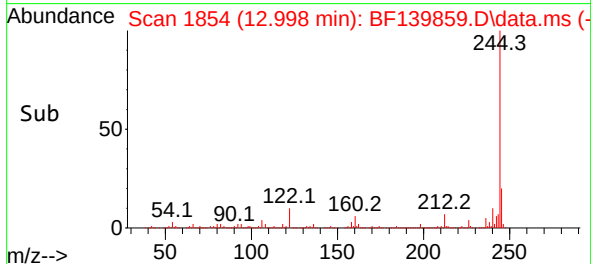
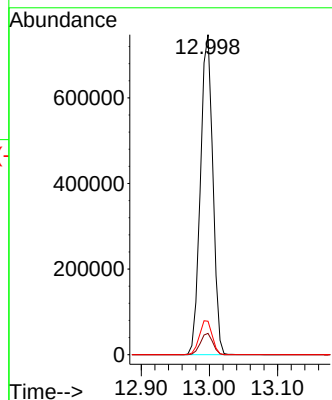
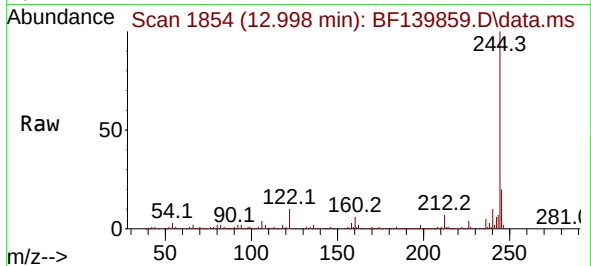




#79
 Terphenyl-d14
 Concen: 49.542 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139859.D
 Acq: 18 Oct 2024 17:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 943719
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139859.D
 Acq: 18 Oct 2024 17:44

Tgt Ion:264 Resp: 211756
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.5 17.4 26.0

