

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140059.D
 Acq On : 26 Oct 2024 14:55
 Operator : RC/JU
 Sample : P4508-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F23

Quant Time: Oct 28 01:08:00 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)

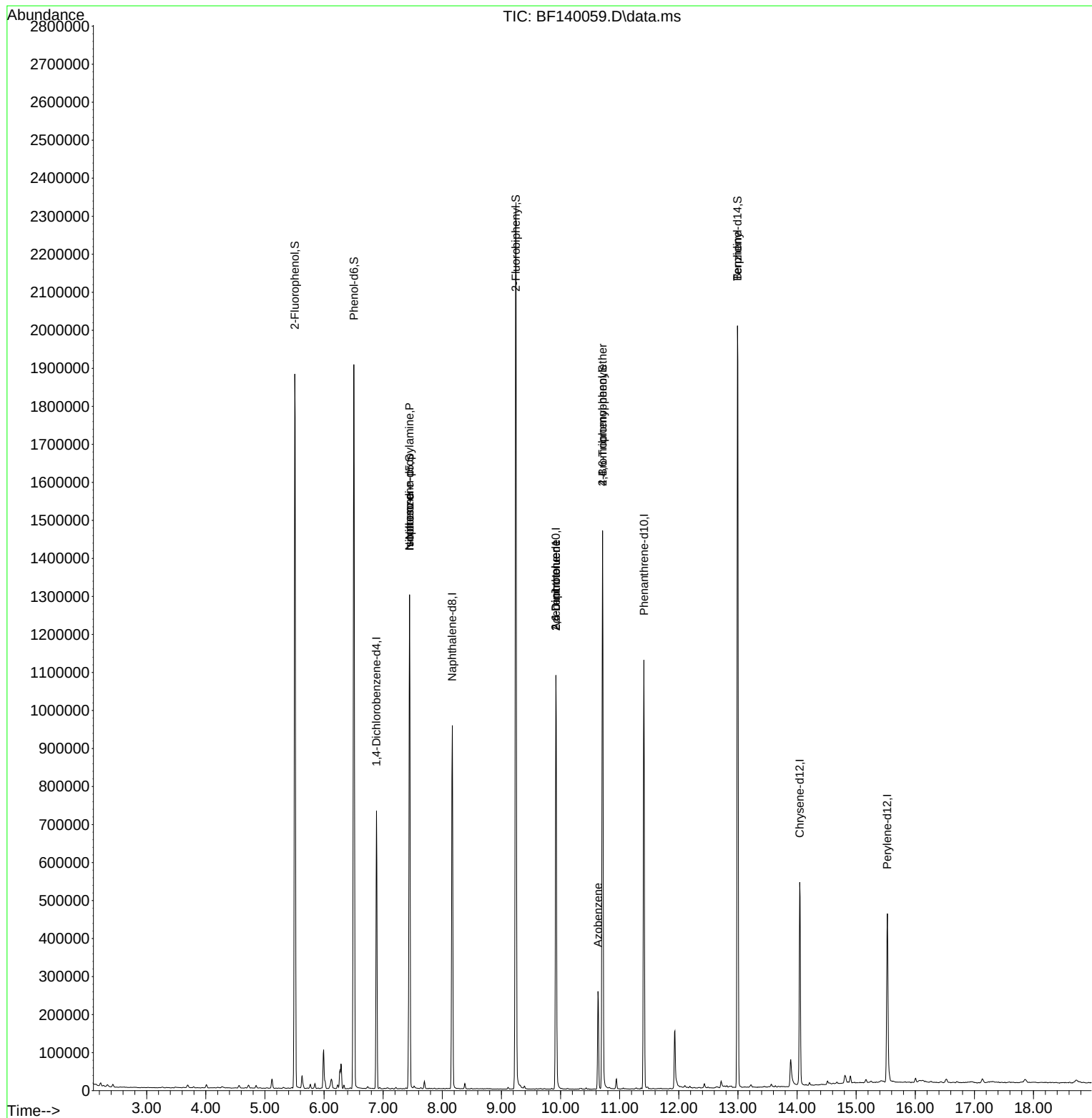
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	146264	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	587173	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	338468	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	585149	20.000	ng	0.00
76) Chrysene-d12	14.045	240	260651	20.000	ng	0.00
86) Perylene-d12	15.527	264	282248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	705809	75.544	ng	0.00
7) Phenol-d6	6.504	99	919956	76.025	ng	0.00
23) Nitrobenzene-d5	7.446	82	587703	55.474	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	258734	81.725	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1126743	55.017	ng	0.00
79) Terphenyl-d14	12.992	244	1020566	63.801	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.446	70	78297	10.669	ng	# 76
25) Isophorone	7.446	82	583003	28.994	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	43121	9.446	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	43320	7.717	ng	# 21
63) Azobenzene	10.634	77	66297	3.021	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	16387	2.718	ng	# 1
77) Benzidine	12.992	184	12470	2.909	ng	# 93

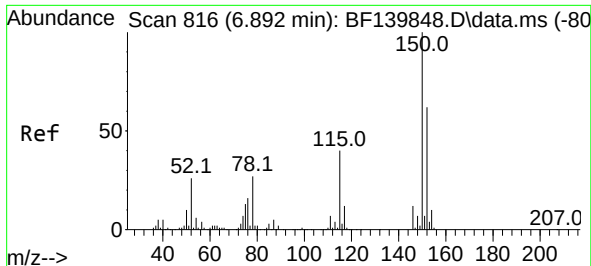
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140059.D
Acq On : 26 Oct 2024 14:55
Operator : RC/JU
Sample : P4508-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F23

Quant Time: Oct 28 01:08:00 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

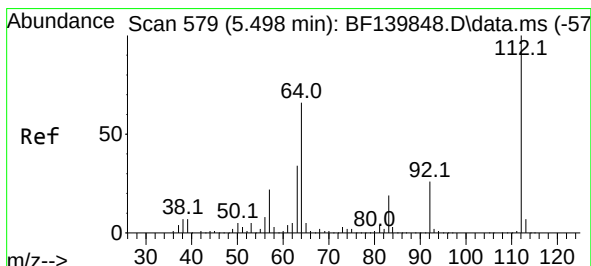
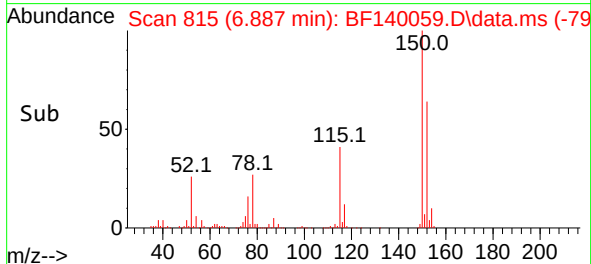
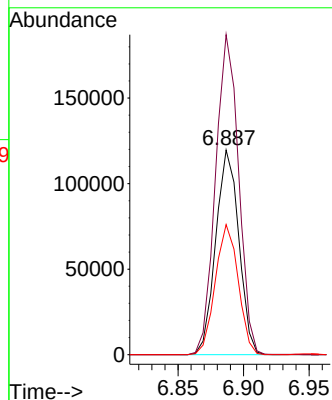
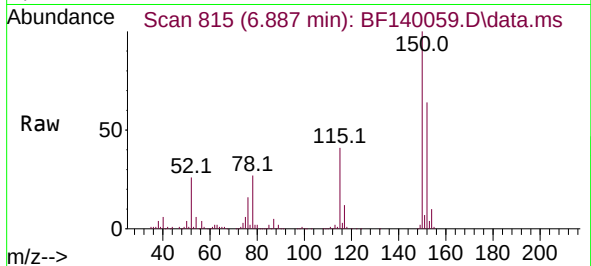




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

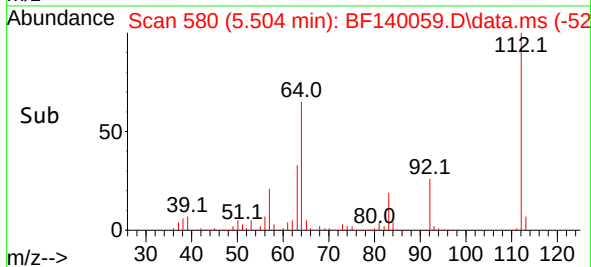
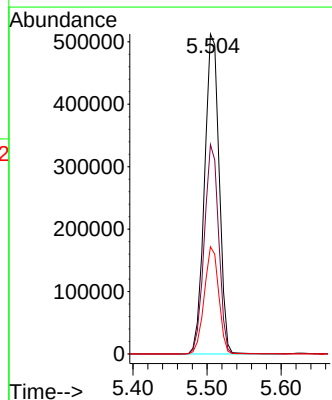
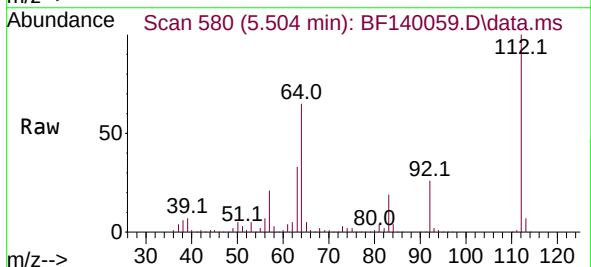
Instrument :
BNA_F
ClientSampleId :
BP-F23

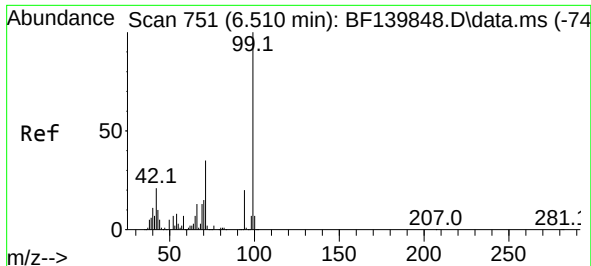
Tgt Ion:152 Resp: 146264
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 75.544 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

Tgt Ion:112 Resp: 705809
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 33.5 27.0 40.4





#7
Phenol-d6
Concen: 76.025 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

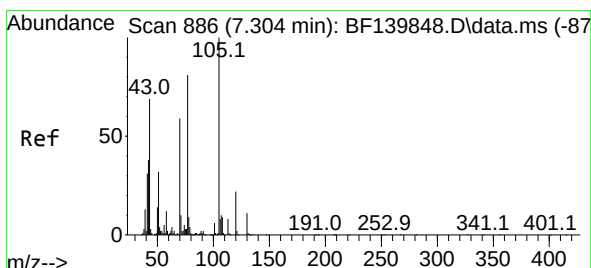
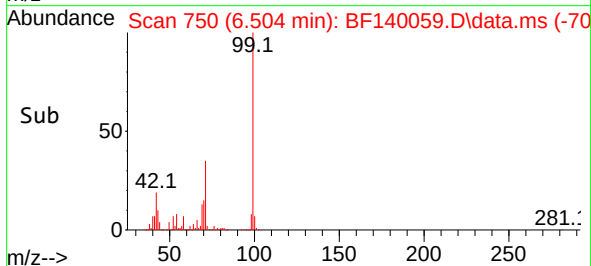
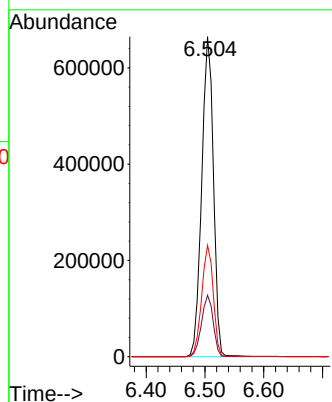
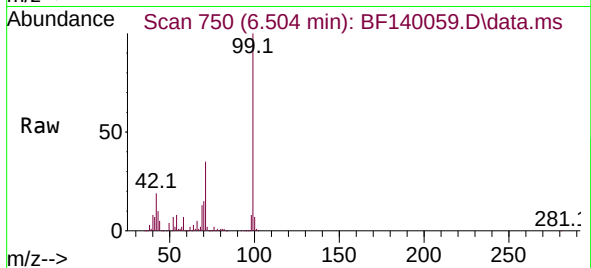
Instrument :

BNA_F

ClientSampleId :

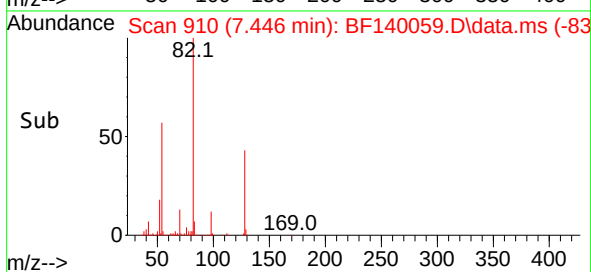
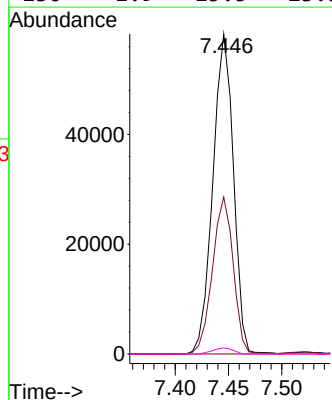
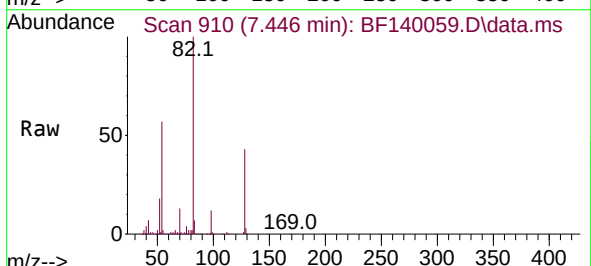
BP-F23

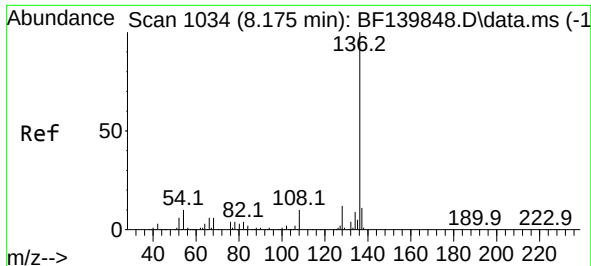
Tgt Ion: 99 Resp: 919956
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 34.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.669 ng
RT: 7.446 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

Tgt Ion: 70 Resp: 78297
Ion Ratio Lower Upper
70 100
42 49.0 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



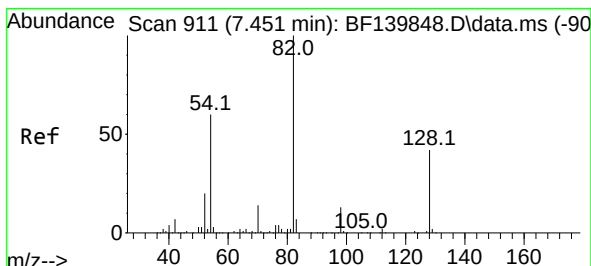
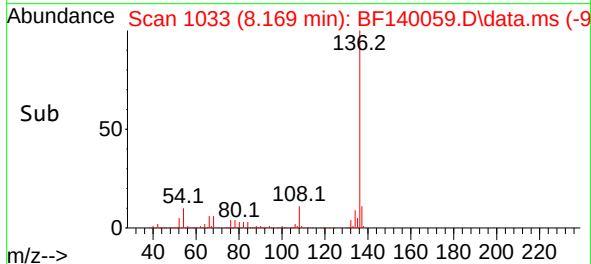
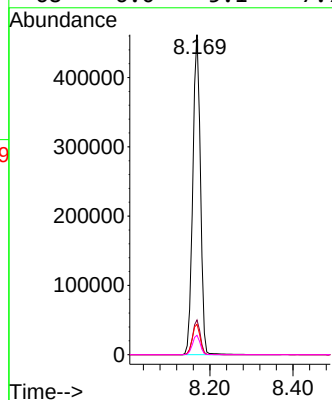
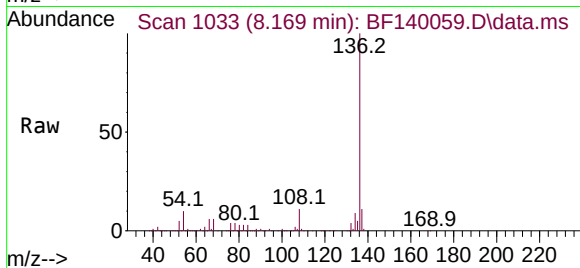


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

Instrument :
BNA_F
ClientSampleId :
BP-F23

Tgt Ion:136 Resp: 587173

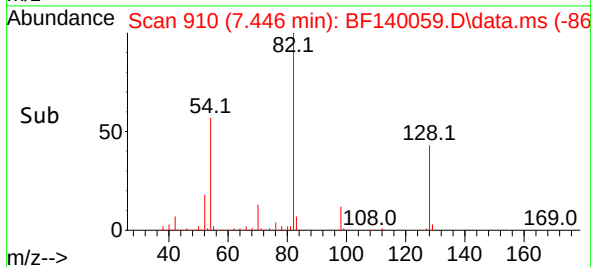
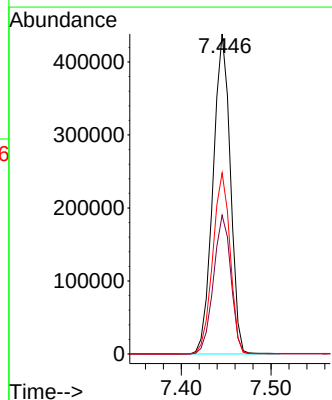
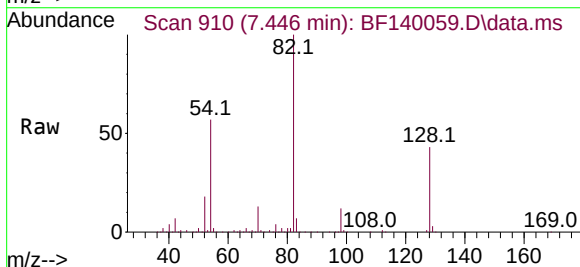
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.5	8.4	12.6
68	6.0	5.1	7.7

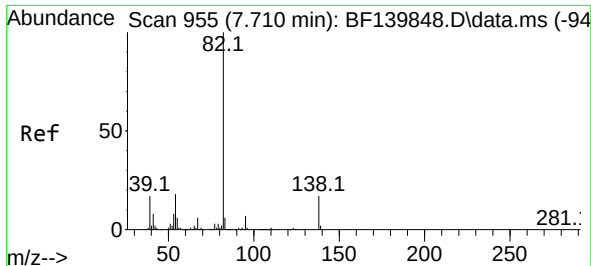


#23
Nitrobenzene-d5
Concen: 55.474 ng
RT: 7.446 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

Tgt Ion: 82 Resp: 587703

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.4	50.0
54	56.6	47.8	71.8

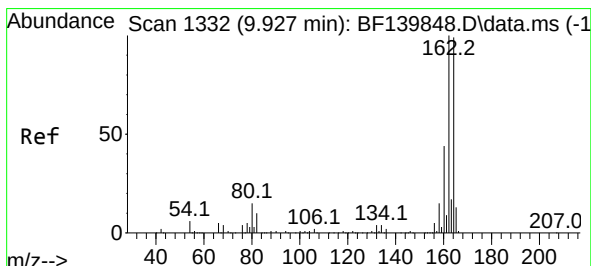
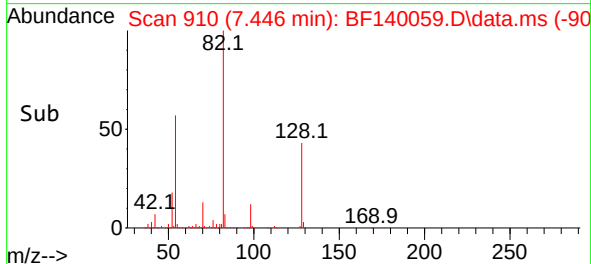
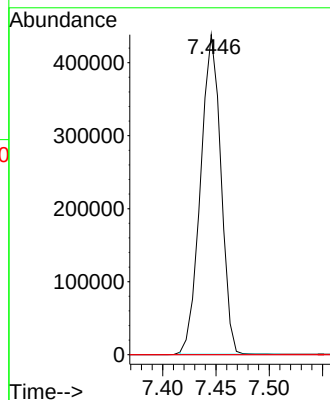
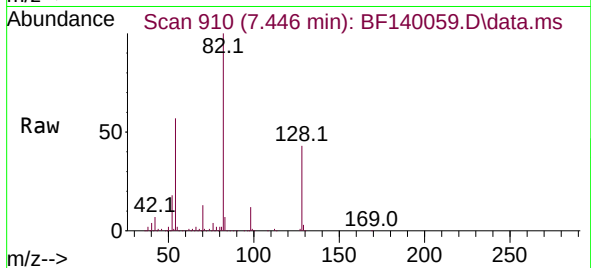




#25
Isophorone
Concen: 28.994 ng
RT: 7.446 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

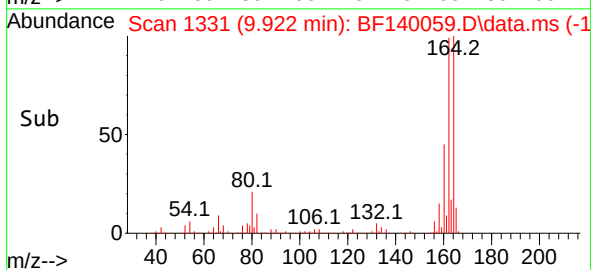
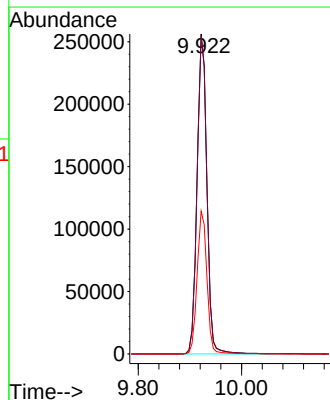
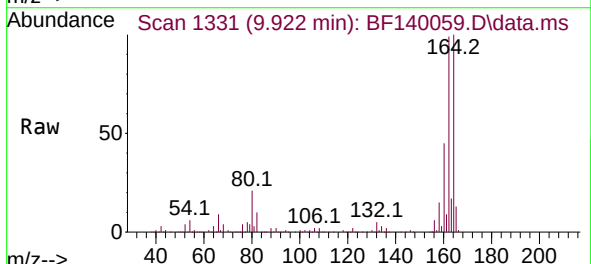
Instrument :
BNA_F
ClientSampleId :
BP-F23

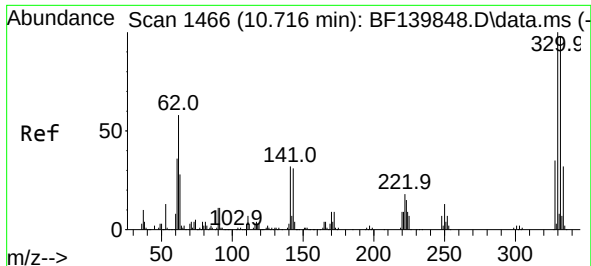
Tgt Ion: 82 Resp: 583003
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

Tgt Ion: 164 Resp: 338468
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 81.725 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140059.D

Acq: 26 Oct 2024 14:55

Instrument :

BNA_F

ClientSampleId :

BP-F23

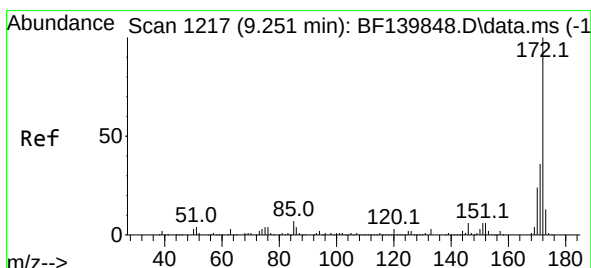
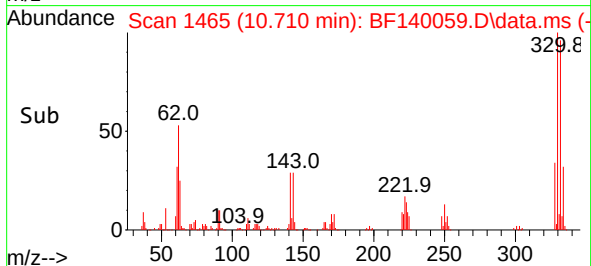
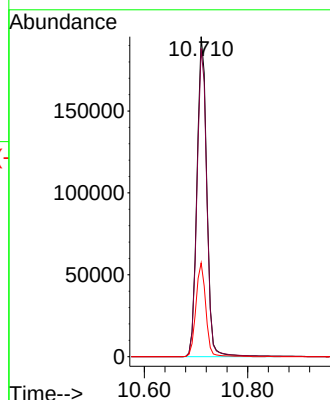
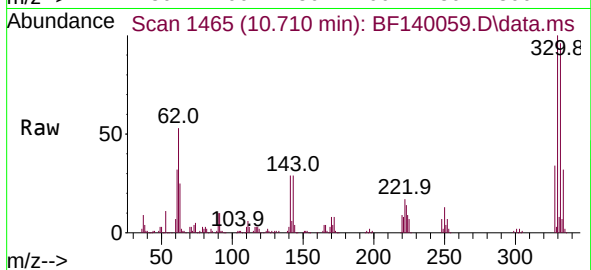
Tgt Ion:330 Resp: 258734

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 29.3 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 55.017 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140059.D

Acq: 26 Oct 2024 14:55

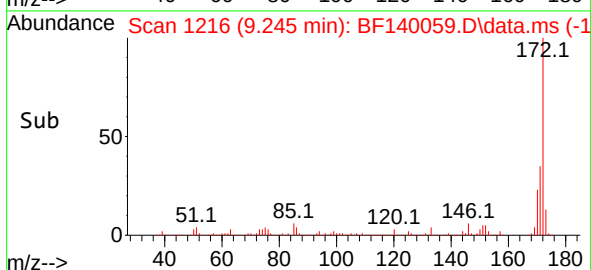
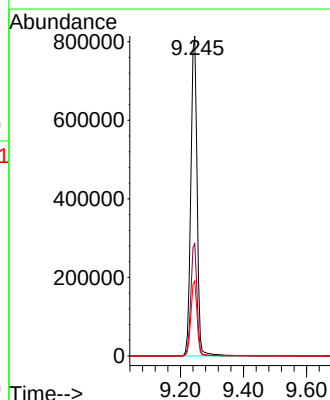
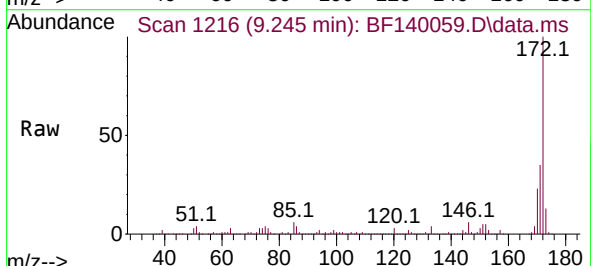
Tgt Ion:172 Resp: 1126743

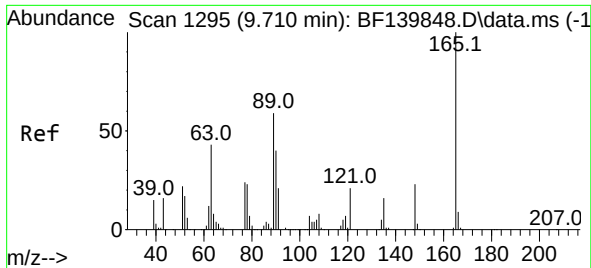
Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

170 23.4 19.1 28.7

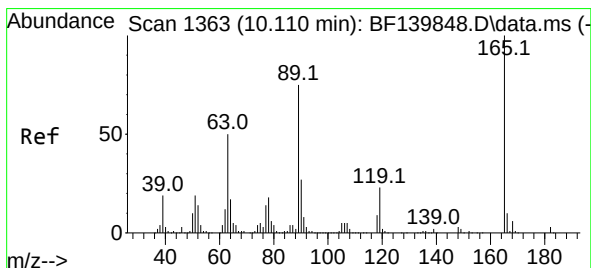
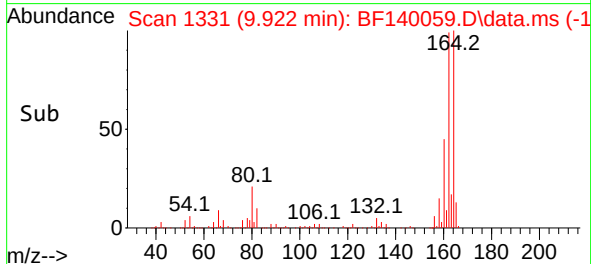
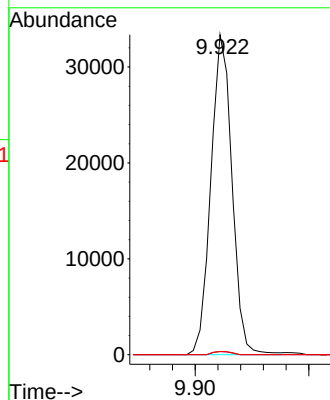
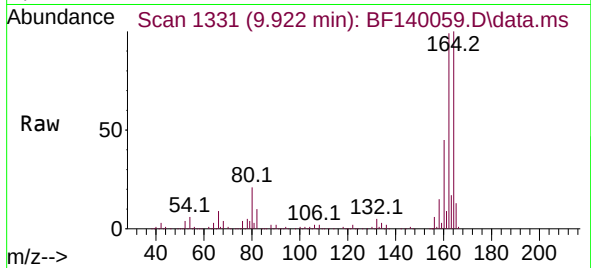




#51
2,6-Dinitrotoluene
Concen: 9.446 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

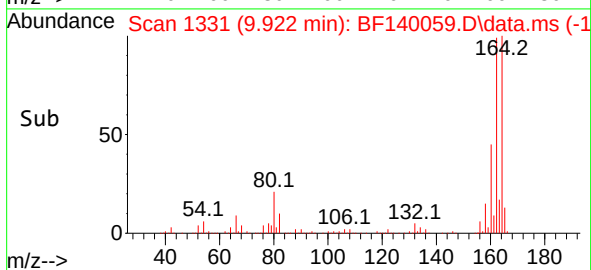
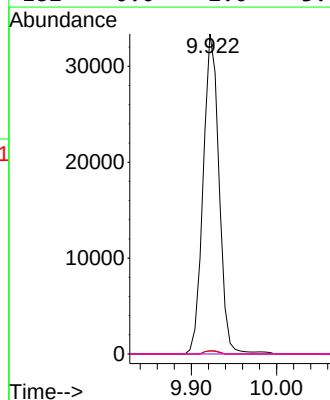
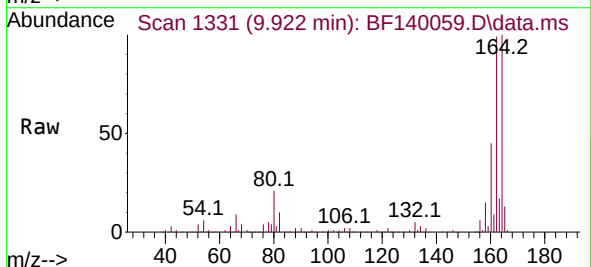
Instrument :
BNA_F
ClientSampleId :
BP-F23

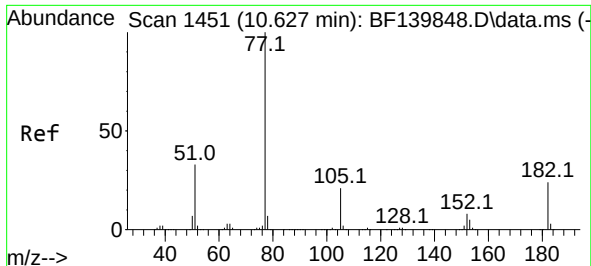
Tgt Ion:165 Resp: 43121
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.717 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

Tgt Ion:165 Resp: 43320
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#

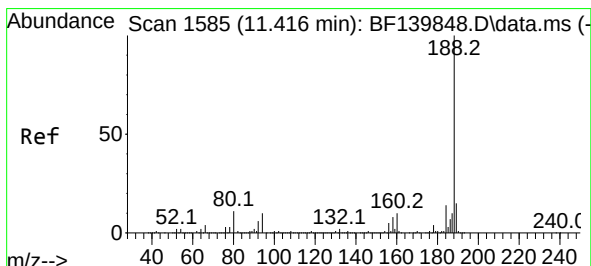
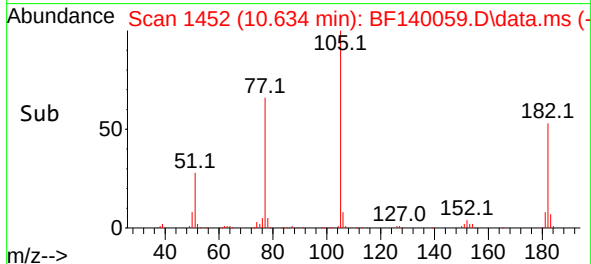
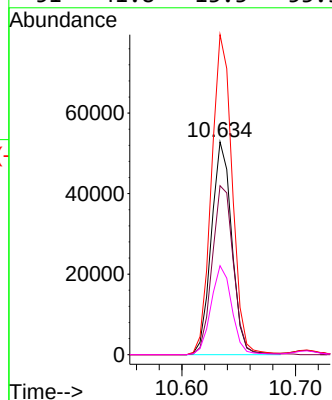
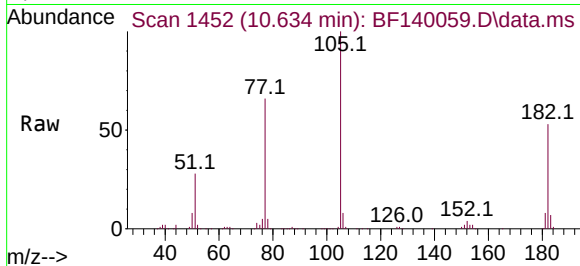




#63
Azobenzene
Concen: 3.021 ng
RT: 10.634 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

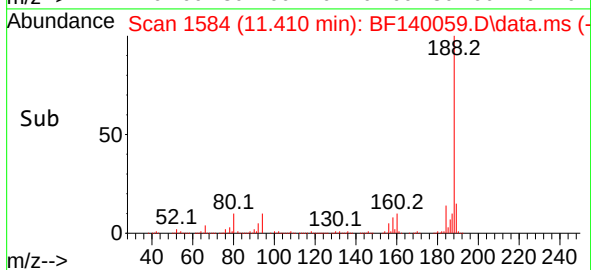
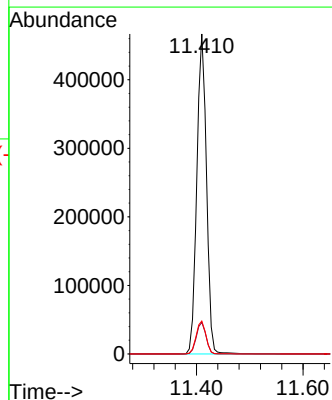
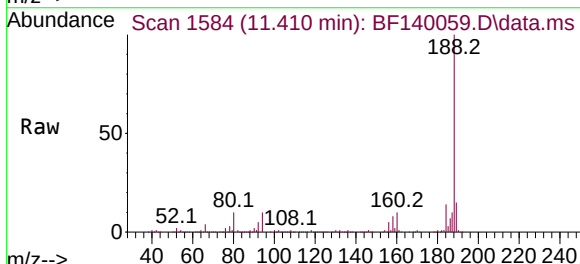
Instrument :
BNA_F
ClientSampleId :
BP-F23

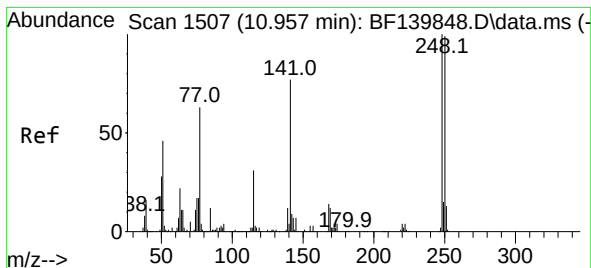
Tgt Ion: 77	Resp: 66297
Ion Ratio	Lower Upper
77 100	
182 79.5	3.3 43.3#
105 150.4	1.2 41.2#
51 41.8	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

Tgt Ion: 188	Resp: 585149
Ion Ratio	Lower Upper
188 100	
94 9.9	7.9 11.9
80 10.3	9.0 13.4

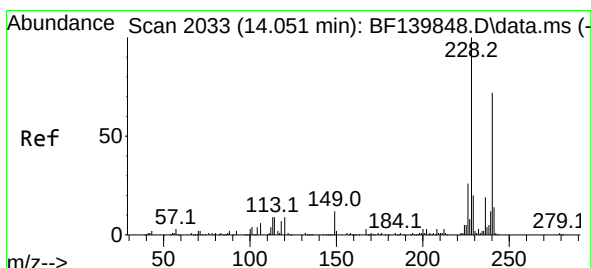
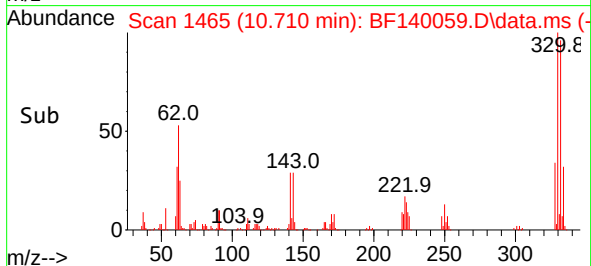
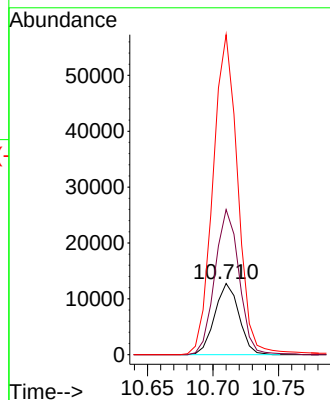
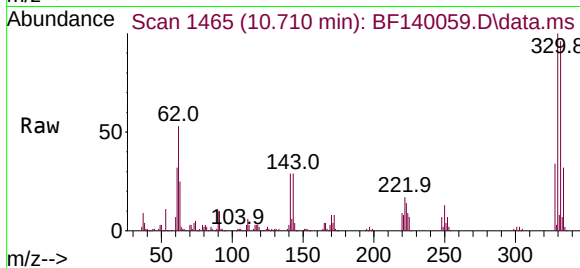




#67
4-Bromophenyl-phenylether
Concen: 2.718 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

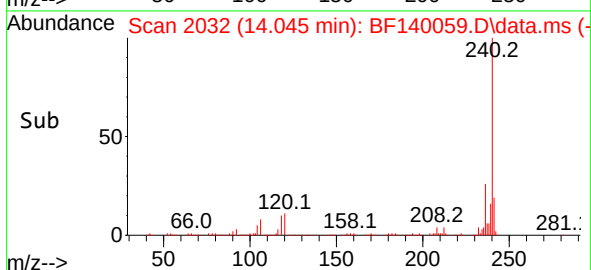
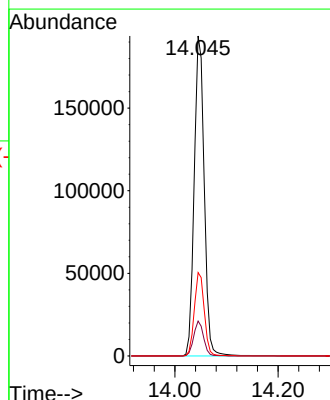
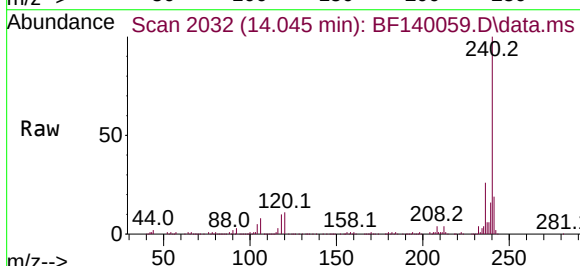
Instrument :
BNA_F
ClientSampleId :
BP-F23

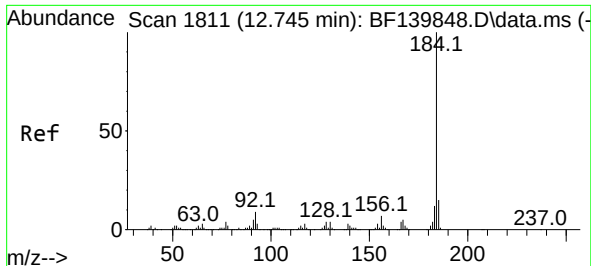
Tgt Ion:248 Resp: 16387
Ion Ratio Lower Upper
248 100
250 203.8 79.0 118.6#
141 449.5 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

Tgt Ion:240 Resp: 260651
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 26.0 20.9 31.3

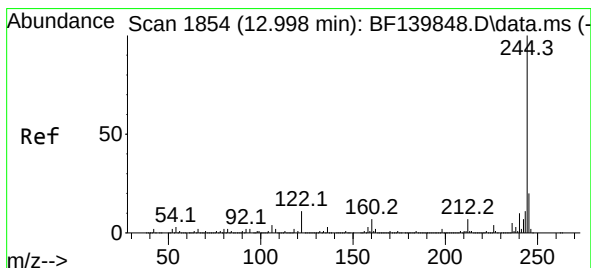
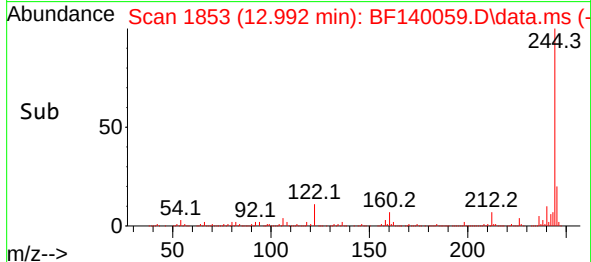
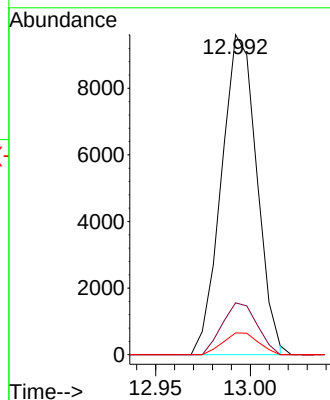
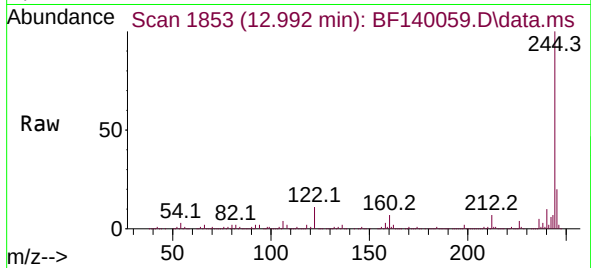




#77
Benzidine
Concen: 2.909 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

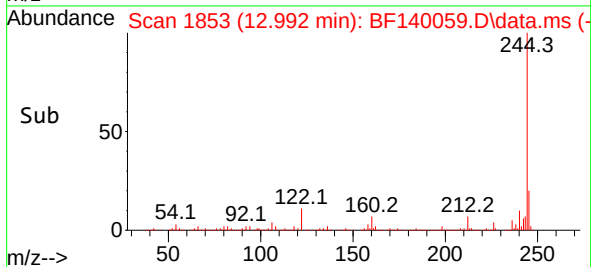
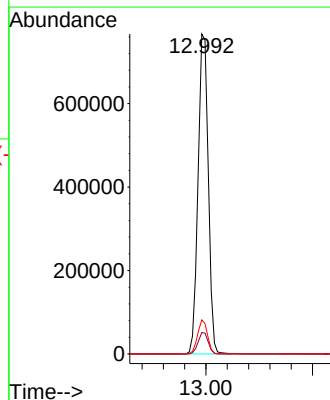
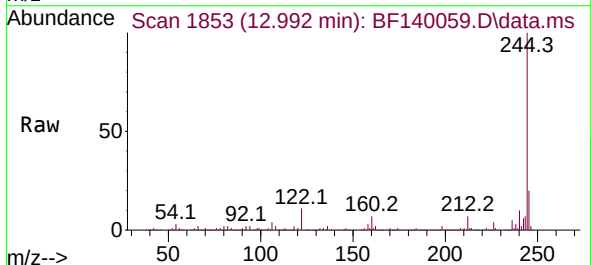
Instrument :
BNA_F
ClientSampleId :
BP-F23

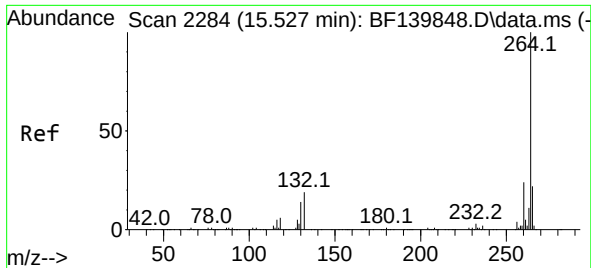
Tgt Ion:184 Resp: 12470
Ion Ratio Lower Upper
184 100
185 16.2 12.0 18.0
183 6.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 63.801 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

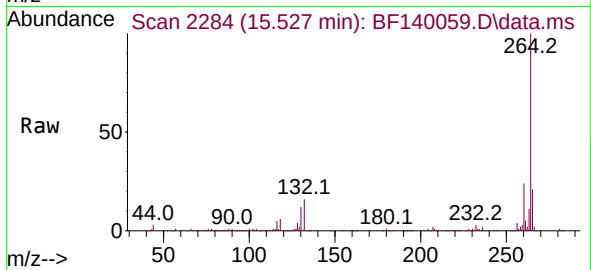
Tgt Ion:244 Resp: 1020566
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.7 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140059.D
Acq: 26 Oct 2024 14:55

Instrument :
BNA_F
ClientSampleId :
BP-F23



Tgt Ion:264 Resp: 282248
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 20.8 17.4 26.0

