

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140067.D
 Acq On : 26 Oct 2024 18:40
 Operator : RC/JU
 Sample : P4508-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F23

Quant Time: Oct 28 01:09:47 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)

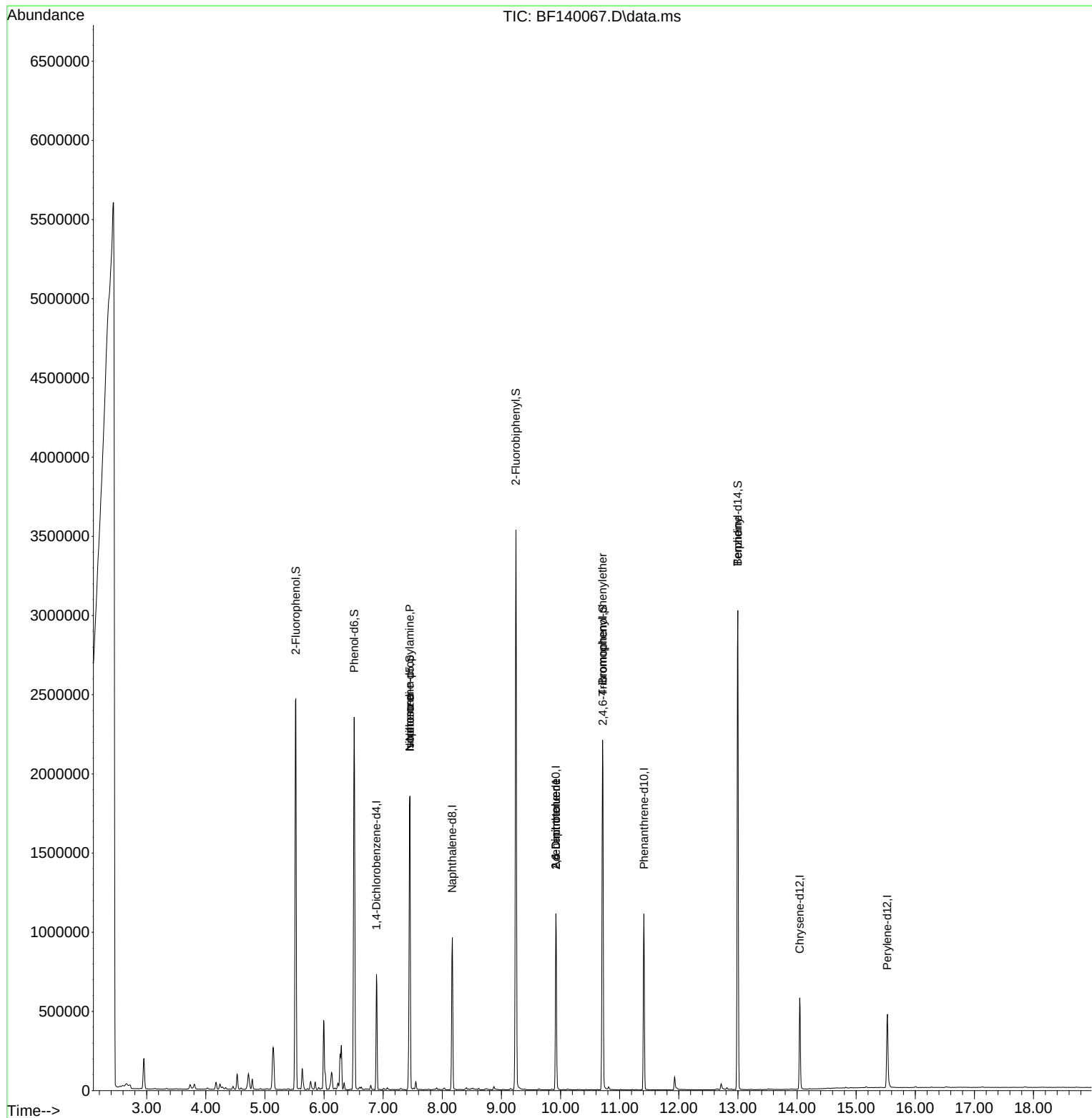
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	148116	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	585581	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	337025	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	579318	20.000	ng	0.00
76) Chrysene-d12	14.045	240	283108	20.000	ng	0.00
86) Perylene-d12	15.527	264	298816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1000192	105.714	ng	0.02
7) Phenol-d6	6.510	99	1178891	96.205	ng	0.00
23) Nitrobenzene-d5	7.451	82	904270	85.587	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	417202	132.343	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1662659	81.533	ng	0.00
79) Terphenyl-d14	12.998	244	1565127	90.084	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	123493	16.616	ng	# 74
25) Isophorone	7.451	82	899247	44.843	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	44429	9.775	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	44422	7.947	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	25867	4.334	ng	# 1
77) Benzidine	12.998	184	19218	4.128	ng	# 93

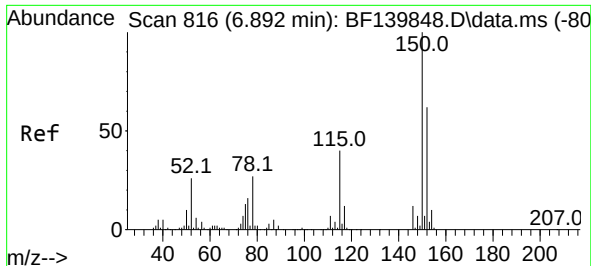
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140067.D
Acq On : 26 Oct 2024 18:40
Operator : RC/JU
Sample : P4508-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F23

Quant Time: Oct 28 01:09:47 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

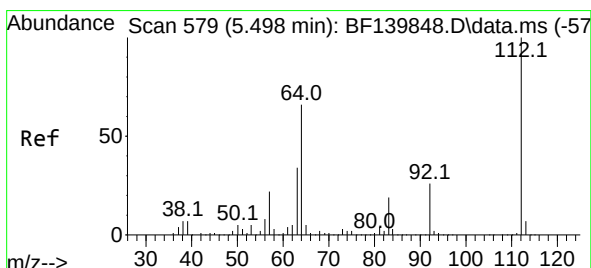
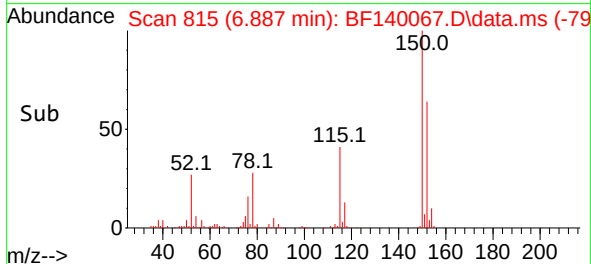
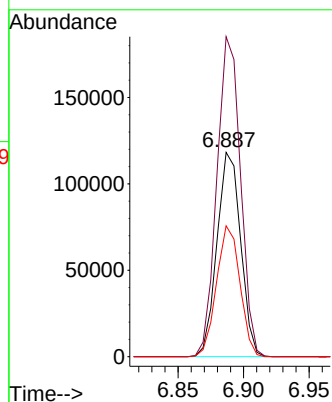
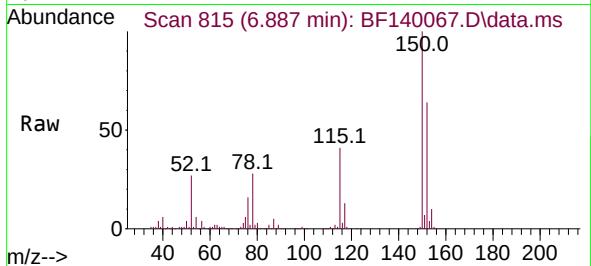




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

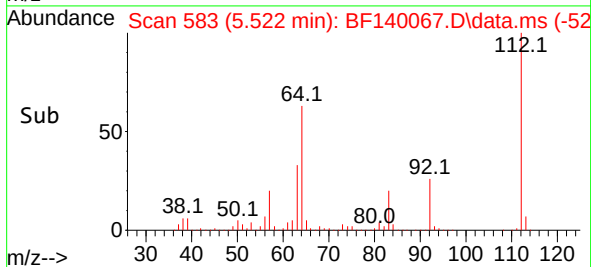
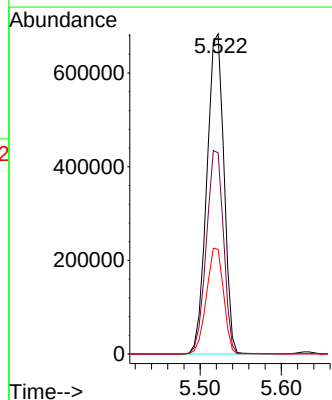
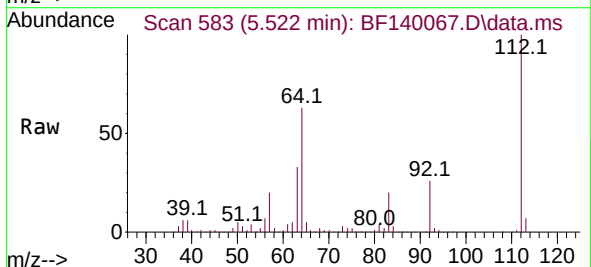
Instrument :
BNA_F
ClientSampleId :
BP-F23

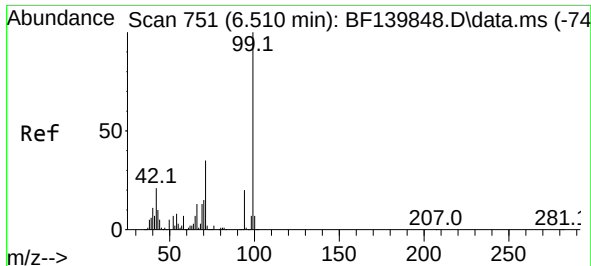
Tgt Ion:152 Resp: 148116
Ion Ratio Lower Upper
152 100
150 156.6 130.2 195.2
115 64.0 51.4 77.2



#5
2-Fluorophenol
Concen: 105.714 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

Tgt Ion:112 Resp: 1000192
Ion Ratio Lower Upper
112 100
64 62.8 53.0 79.6
63 32.7 27.0 40.4



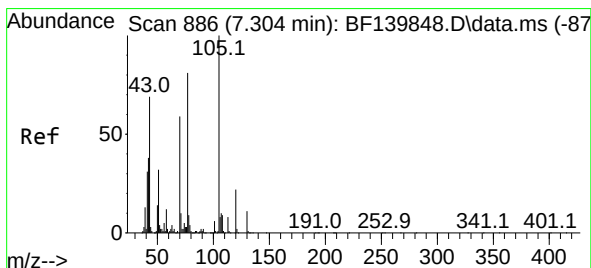
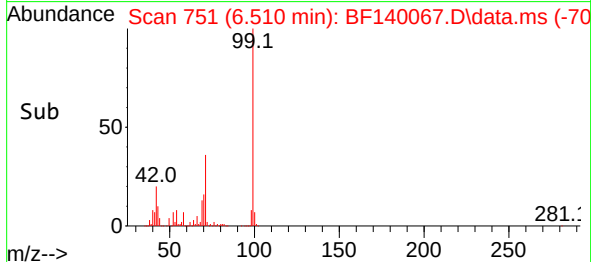
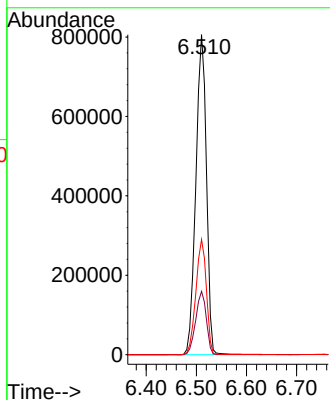
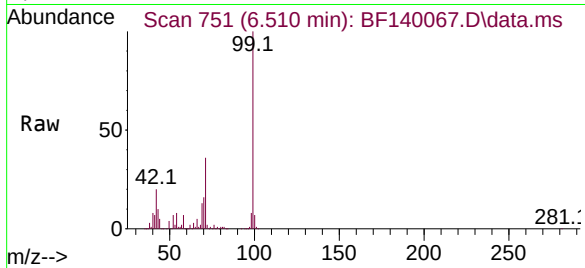


#7
Phenol-d6
Concen: 96.205 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

Instrument :
BNA_F
ClientSampleId :
BP-F23

Tgt Ion: 99 Resp: 1178891

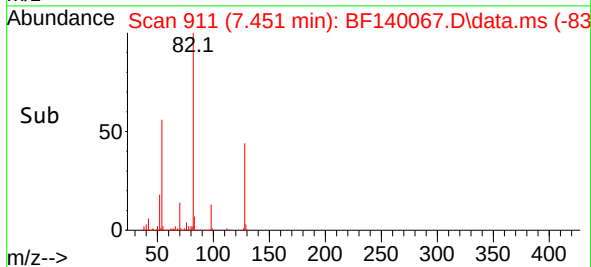
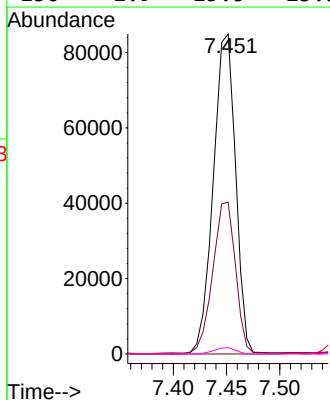
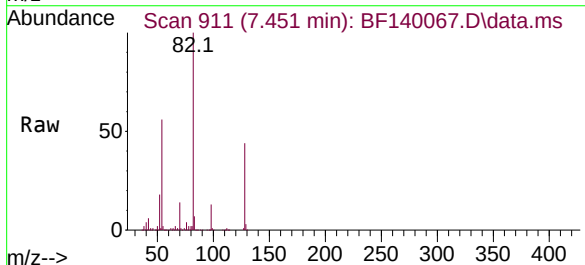
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.7	25.1
71	36.0	27.7	41.5

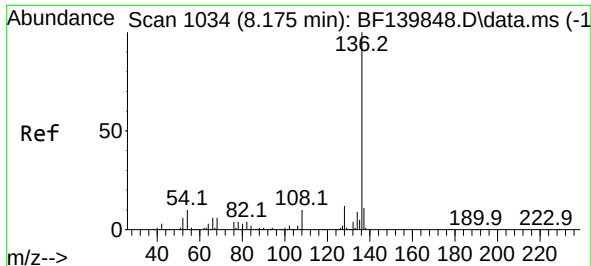


#19
n-Nitroso-di-n-propylamine
Concen: 16.616 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

Tgt Ion: 70 Resp: 123493

Ion	Ratio	Lower	Upper
70	100		
42	47.5	51.5	77.3#
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#



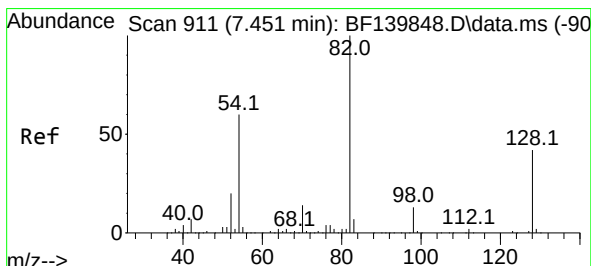
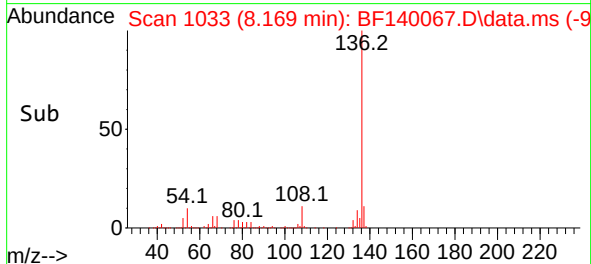
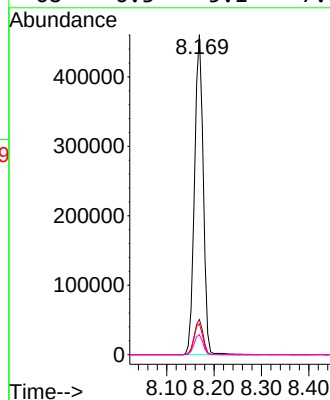
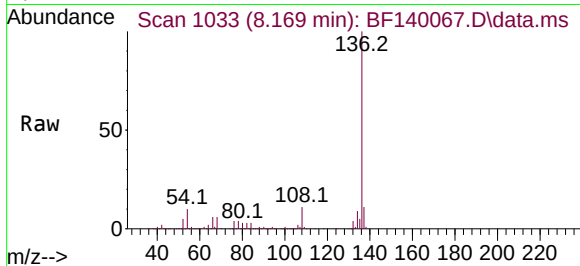


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

Instrument :
BNA_F
ClientSampleId :
BP-F23

Tgt Ion:136 Resp: 585581

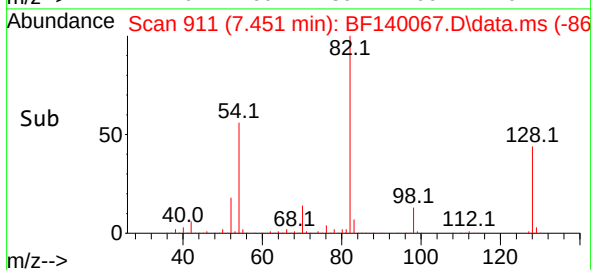
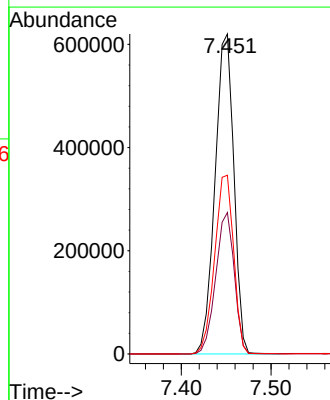
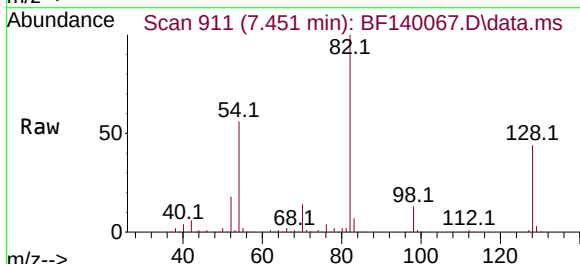
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.6	8.4	12.6
68	6.3	5.1	7.7

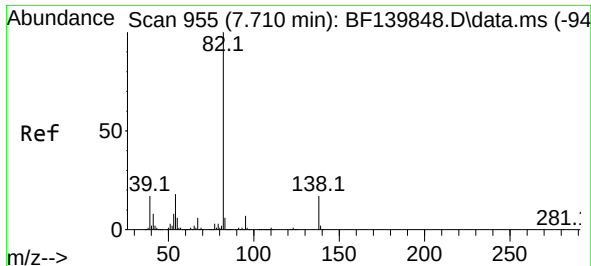


#23
Nitrobenzene-d5
Concen: 85.587 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

Tgt Ion: 82 Resp: 904270

Ion	Ratio	Lower	Upper
82	100		
128	44.2	33.4	50.0
54	55.9	47.8	71.8

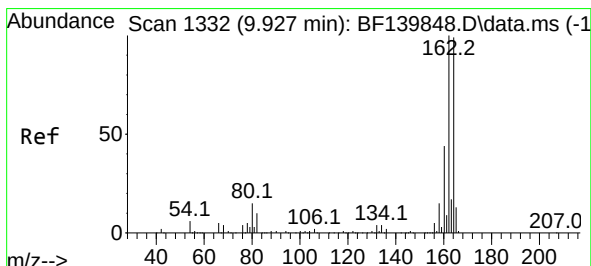
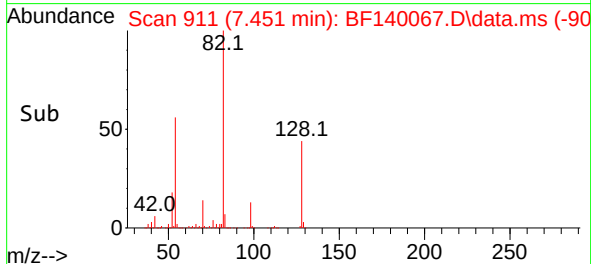
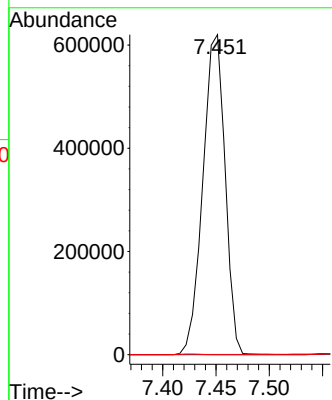
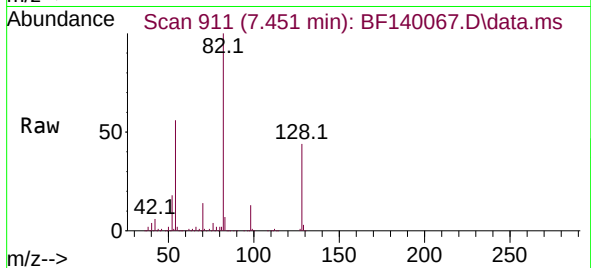




#25
Isophorone
Concen: 44.843 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

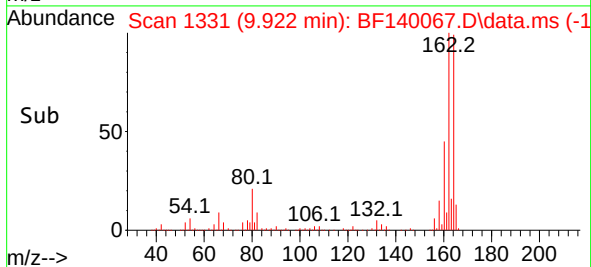
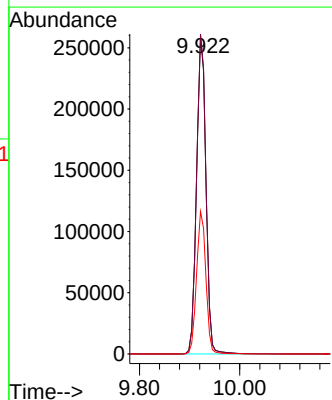
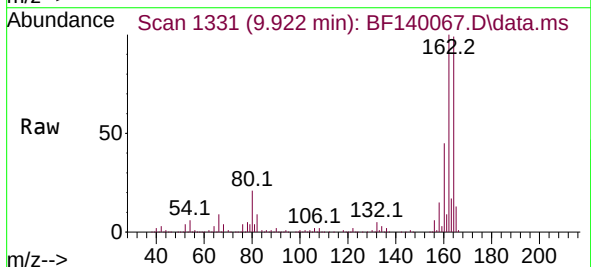
Instrument :
BNA_F
ClientSampleId :
BP-F23

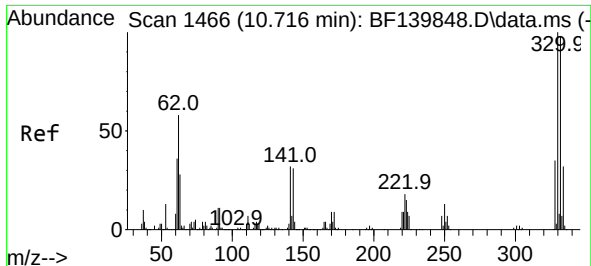
Tgt Ion: 82 Resp: 899247
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

Tgt Ion: 164 Resp: 337025
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 44.8 35.4 53.0

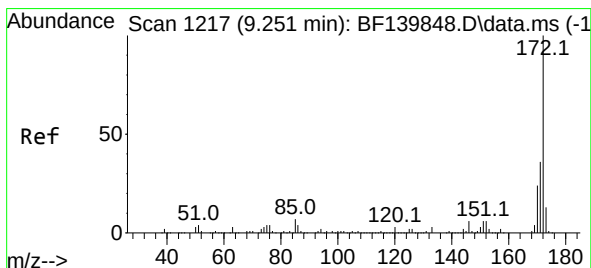
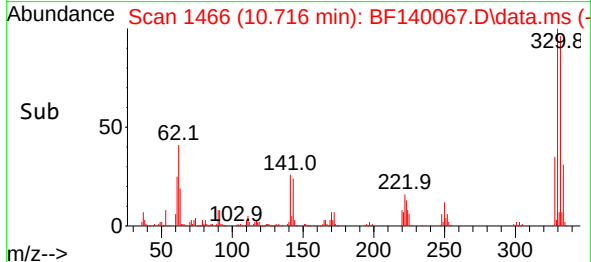
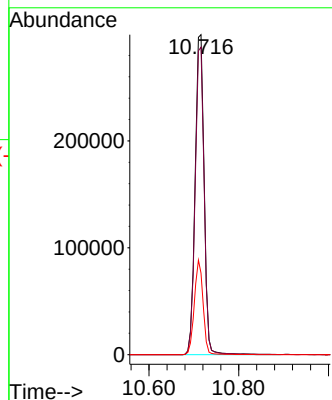
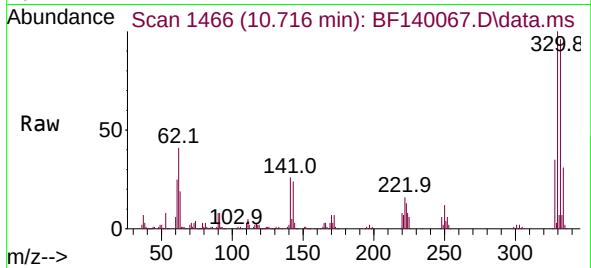




#42
2,4,6-Tribromophenol
Concen: 132.343 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

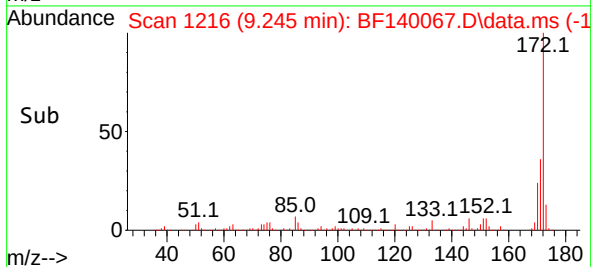
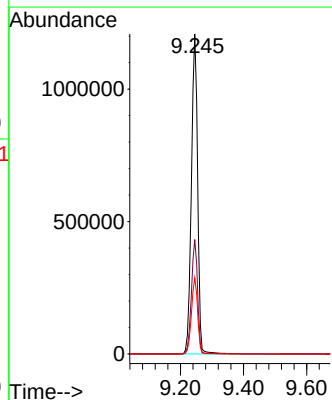
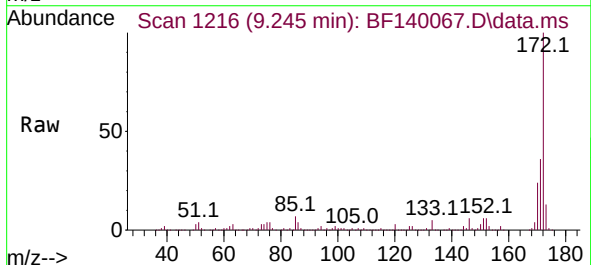
Instrument :
BNA_F
ClientSampleId :
BP-F23

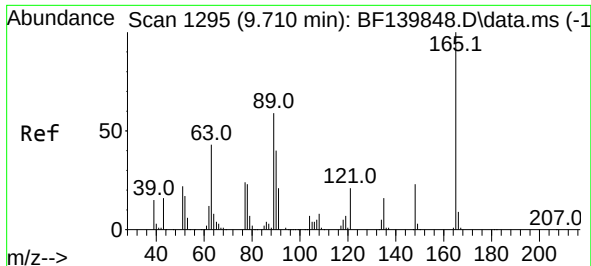
Tgt Ion:330 Resp: 417202
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 28.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 81.533 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

Tgt Ion:172 Resp: 1662659
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.7 19.1 28.7

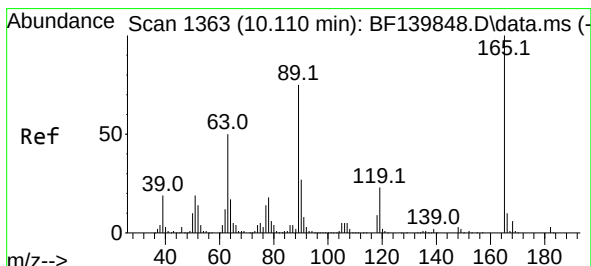
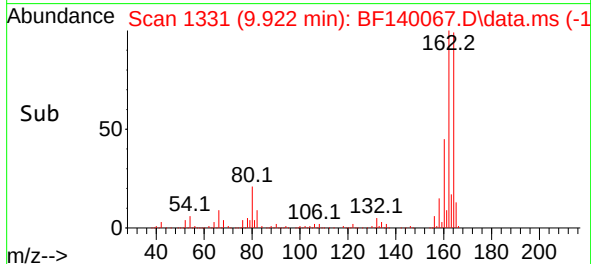
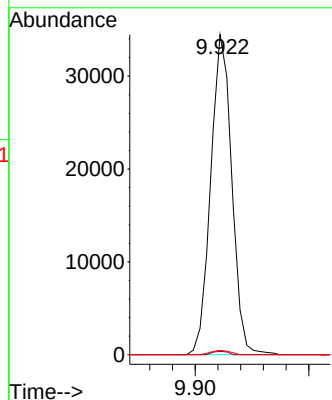
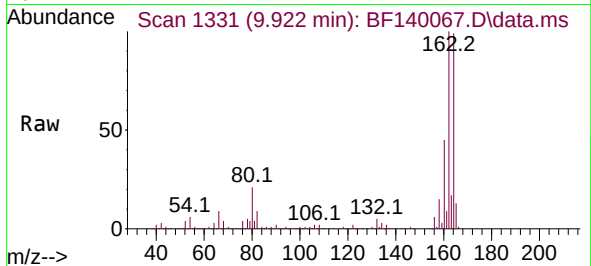




#51
2,6-Dinitrotoluene
Concen: 9.775 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

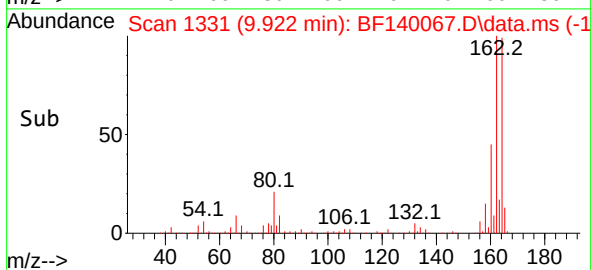
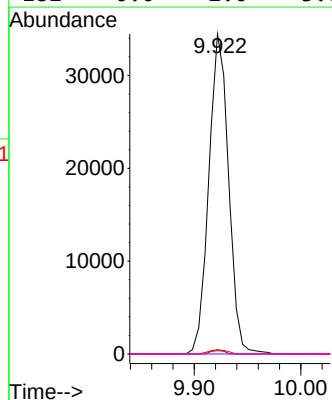
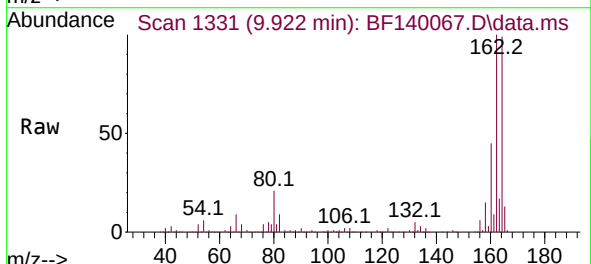
Instrument :
BNA_F
ClientSampleId :
BP-F23

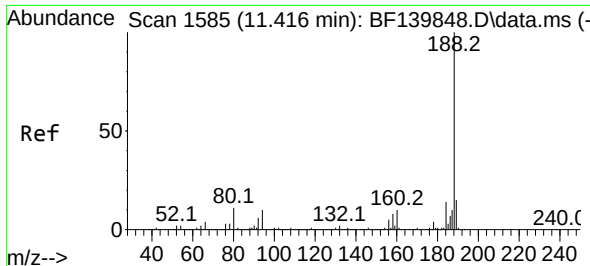
Tgt Ion:165 Resp: 44429
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.947 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

Tgt Ion:165 Resp: 44422
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#

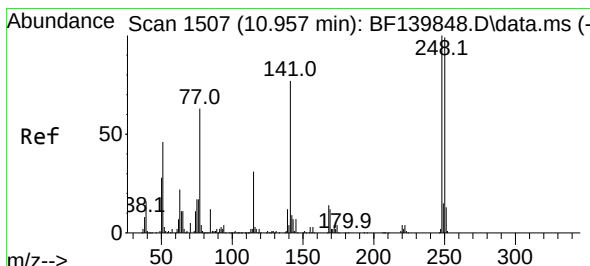
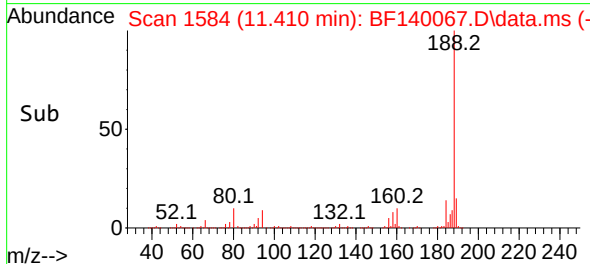
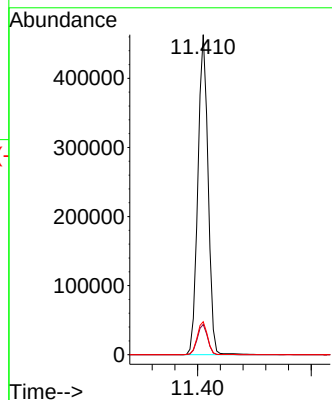
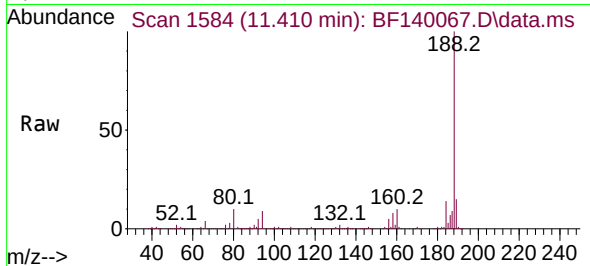




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

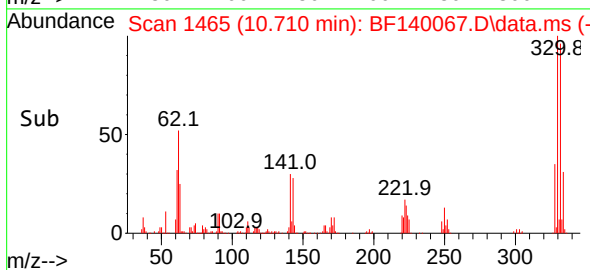
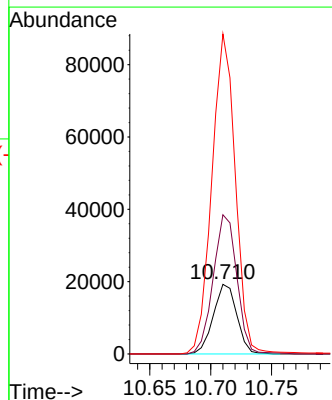
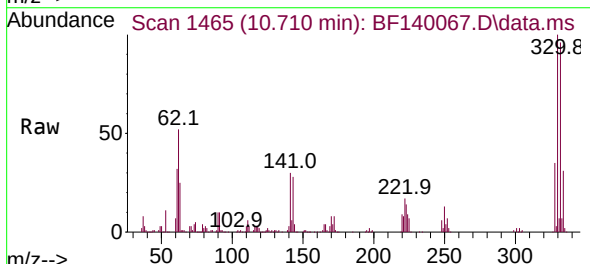
Instrument :
BNA_F
ClientSampleId :
BP-F23

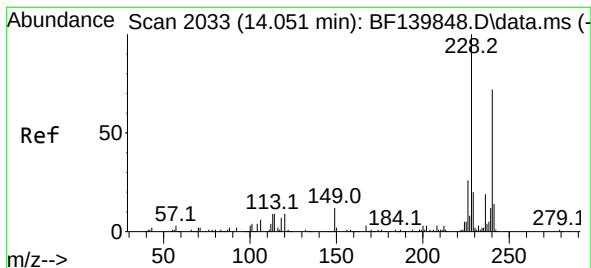
Tgt Ion:188 Resp: 579318
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.3 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.334 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140067.D
Acq: 26 Oct 2024 18:40

Tgt Ion:248 Resp: 25867
Ion Ratio Lower Upper
248 100
250 200.0 79.0 118.6#
141 459.4 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: BF140067.D

Acq: 26 Oct 2024 18:40

Instrument :

BNA_F

ClientSampleId :

BP-F23

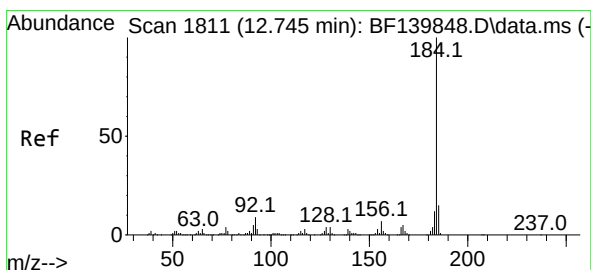
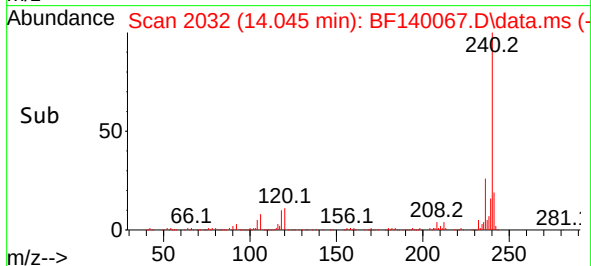
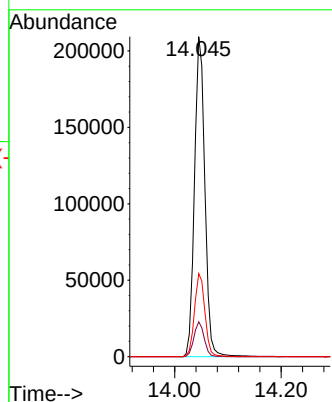
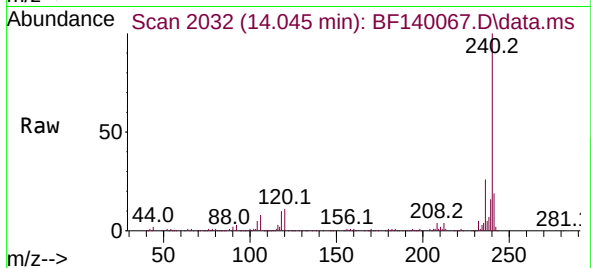
Tgt Ion:240 Resp: 283108

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.0 20.9 31.3



#77

Benzidine

Concen: 4.128 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140067.D

Acq: 26 Oct 2024 18:40

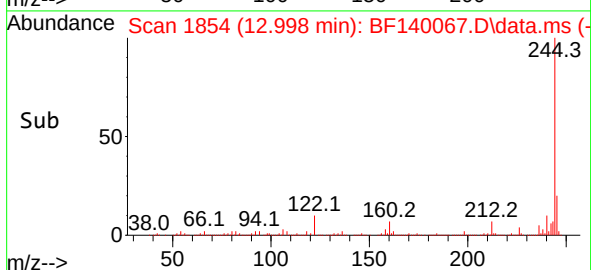
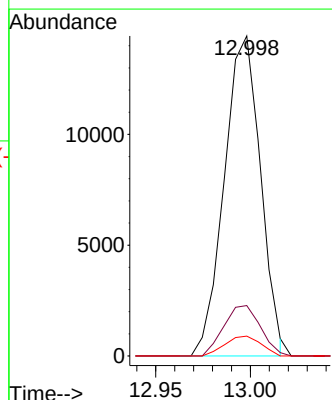
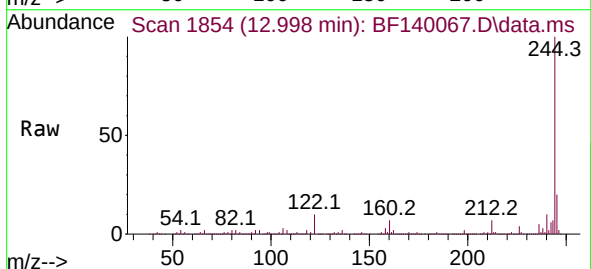
Tgt Ion:184 Resp: 19218

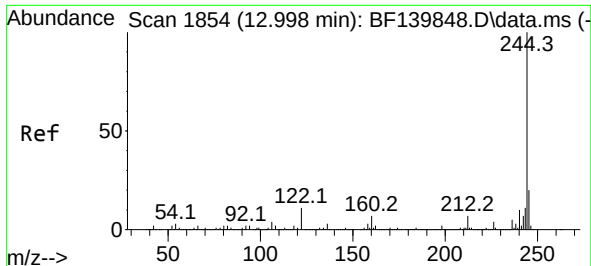
Ion Ratio Lower Upper

184 100

185 15.8 12.0 18.0

183 6.2 9.4 14.2#

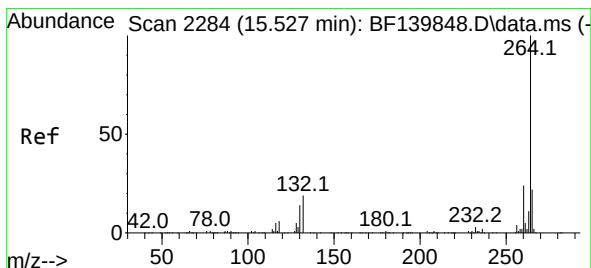
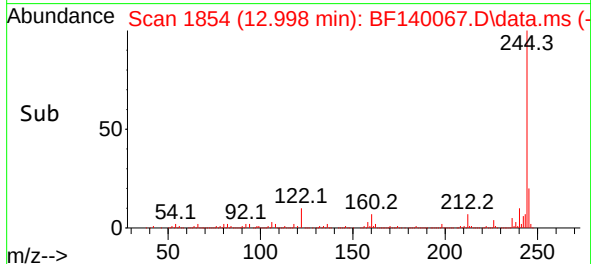
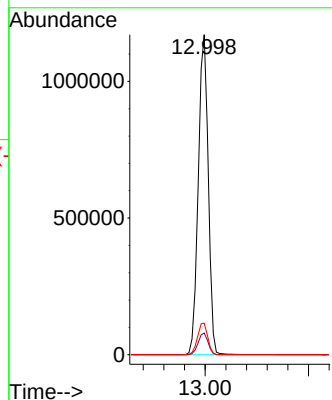
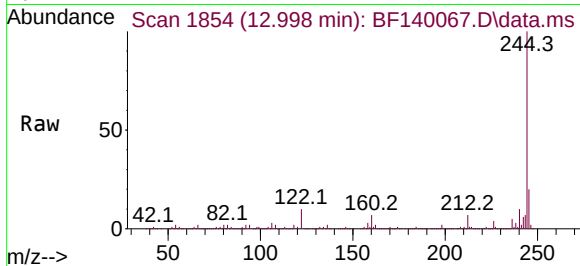




#79
 Terphenyl-d14
 Concen: 90.084 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140067.D
 Acq: 26 Oct 2024 18:40

Instrument :
 BNA_F
 ClientSampleId :
 BP-F23

Tgt Ion:244 Resp: 1565127
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.8 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: BF140067.D
 Acq: 26 Oct 2024 18:40

Tgt Ion:264 Resp: 298816
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.4 17.4 26.0

