

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140148.D
 Acq On : 30 Oct 2024 08:08
 Operator : RC/JU
 Sample : P4598-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F12

Quant Time: Oct 30 08:34:38 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)

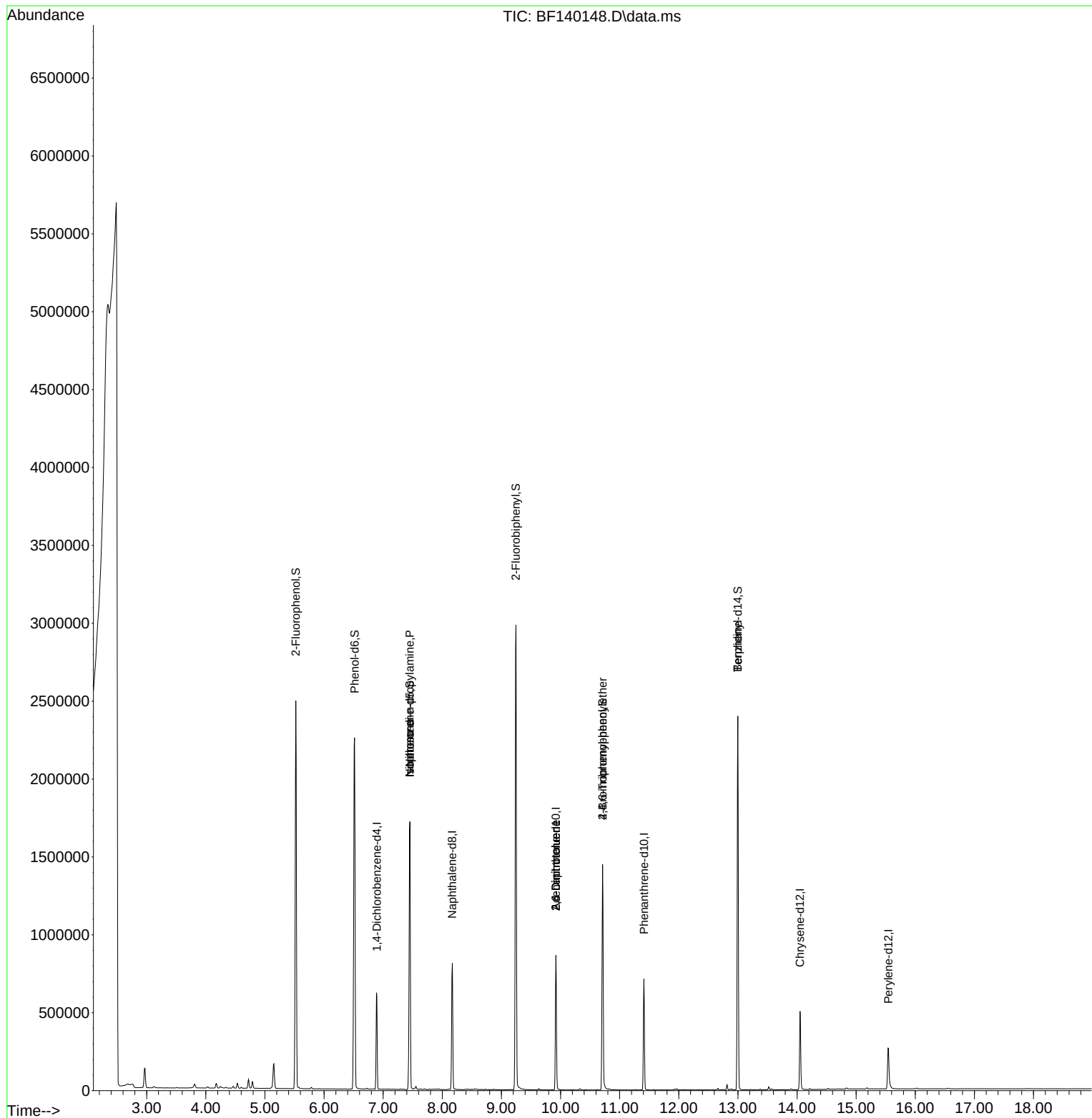
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	125203	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	491989	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	258867	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	374844	20.000	ng	0.00
76) Chrysene-d12	14.051	240	249462	20.000	ng	0.00
86) Perylene-d12	15.545	264	190877	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	944772	118.130	ng	0.02
7) Phenol-d6	6.516	99	1163135	112.290	ng	0.00
23) Nitrobenzene-d5	7.451	82	816216	91.948	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	251125	103.712	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1405757	89.748	ng	0.00
79) Terphenyl-d14	12.998	244	1211163	79.113	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	111812	17.798	ng	# 76
25) Isophorone	7.451	82	810961	48.133	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	32101	9.195	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	32101	7.477	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	16464	4.264	ng	# 1
77) Benzidine	12.998	184	15615	3.807	ng	# 92

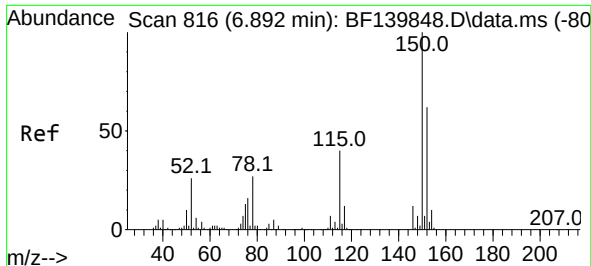
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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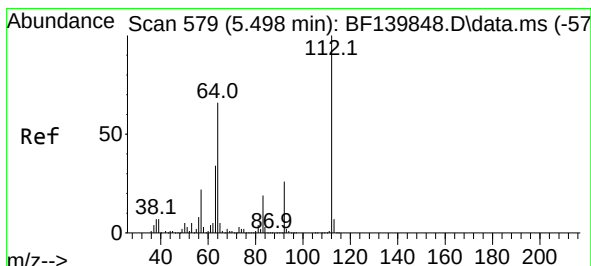
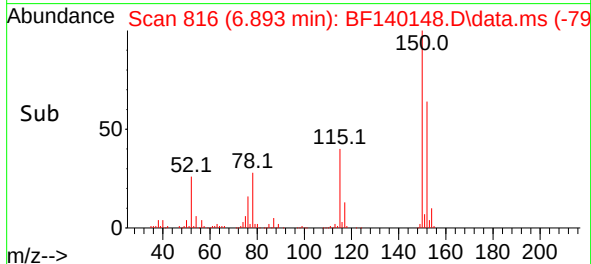
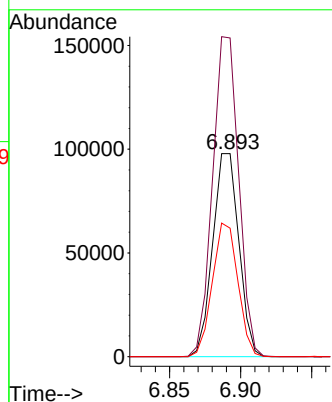
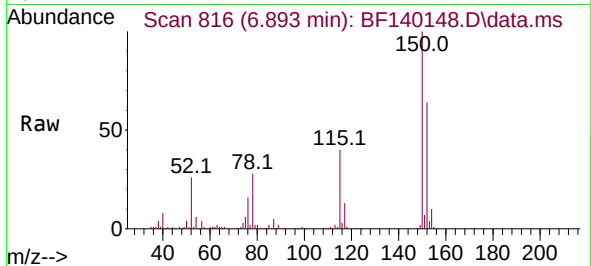




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

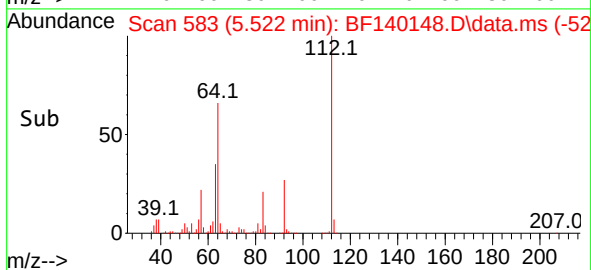
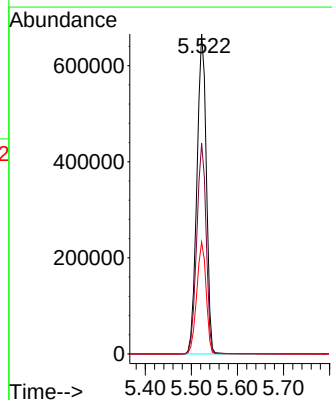
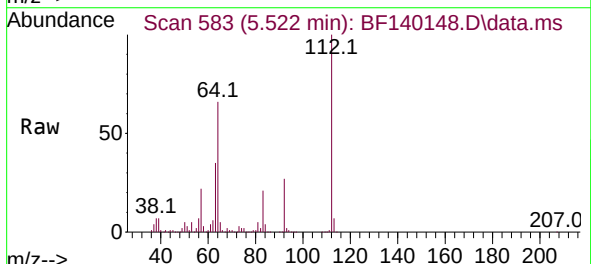
Instrument :
BNA_F
ClientSampleId :
BP-F12

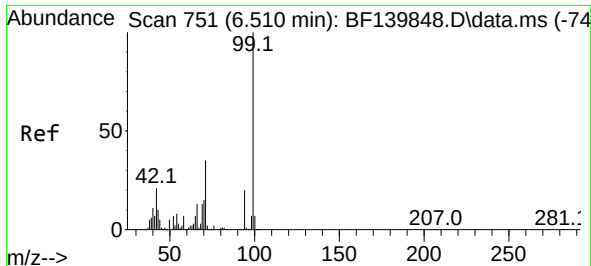
Tgt Ion:152 Resp: 125203
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 63.2 51.4 77.2



#5
2-Fluorophenol
Concen: 118.130 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

Tgt Ion:112 Resp: 944772
Ion Ratio Lower Upper
112 100
64 65.8 53.0 79.6
63 35.0 27.0 40.4

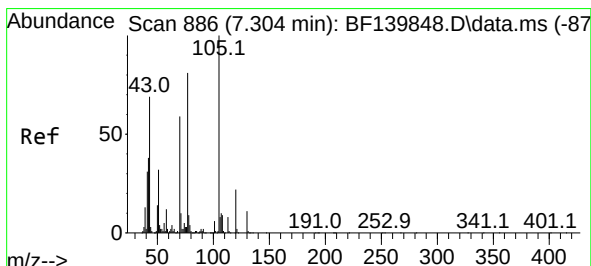
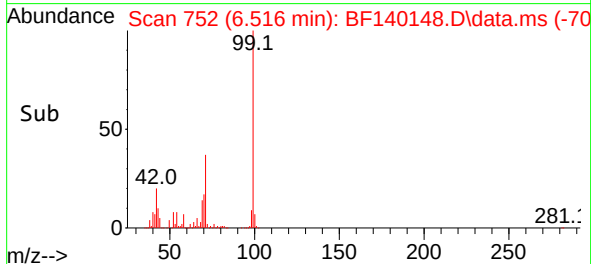
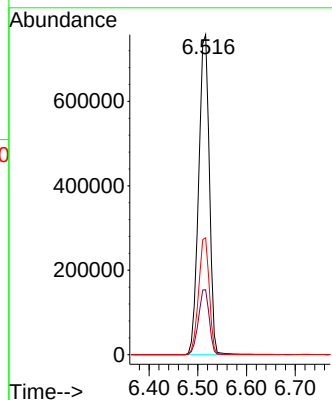
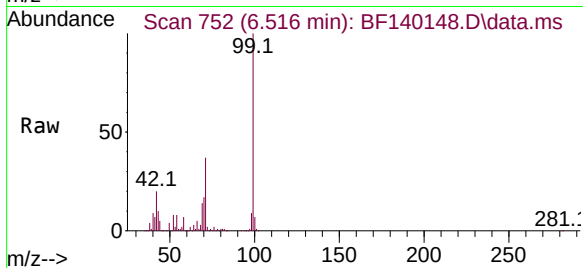




#7
Phenol-d6
Concen: 112.290 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

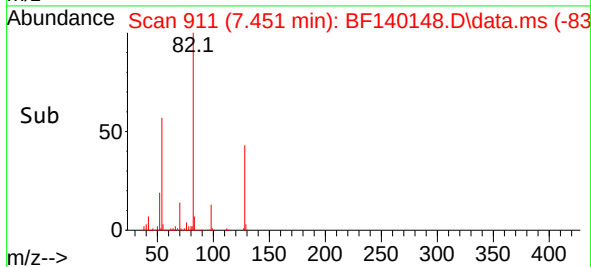
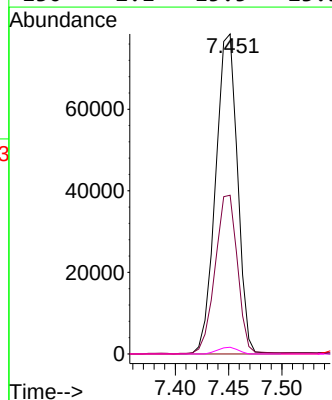
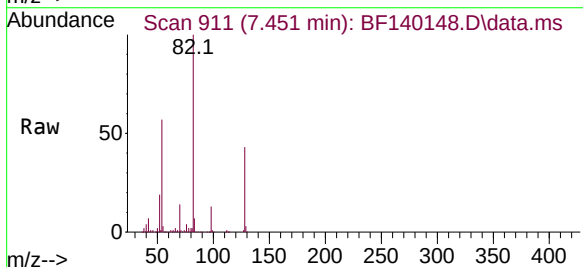
Instrument :
BNA_F
ClientSampleId :
BP-F12

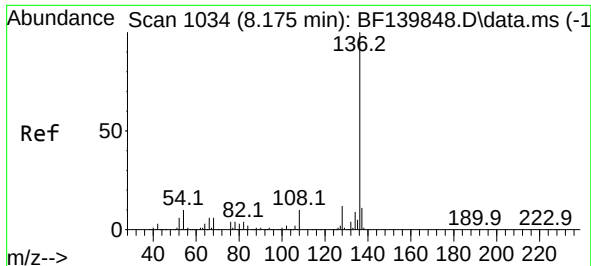
Tgt Ion: 99 Resp: 1163135
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 36.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.798 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

Tgt Ion: 70 Resp: 111812
Ion Ratio Lower Upper
70 100
42 49.6 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



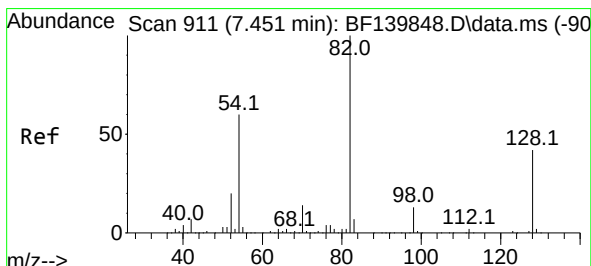
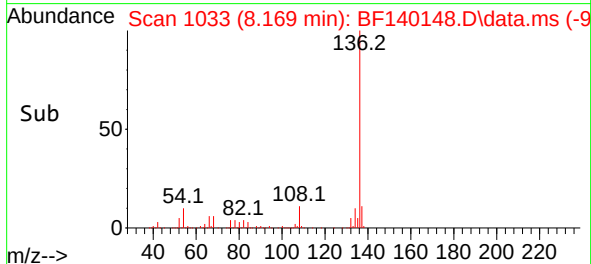
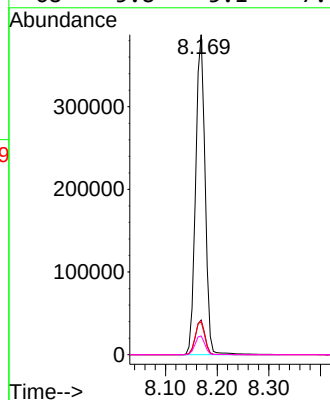
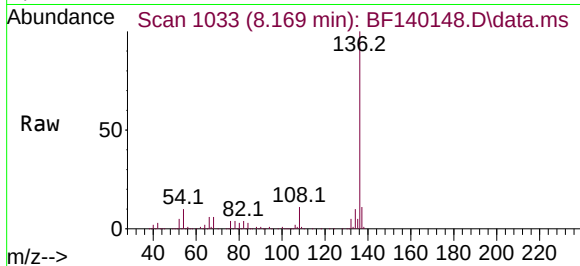


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

Instrument :
BNA_F
ClientSampleId :
BP-F12

Tgt Ion:136 Resp: 491989

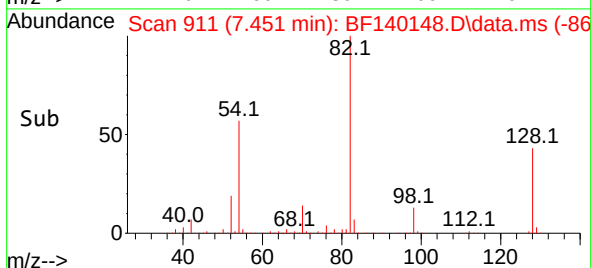
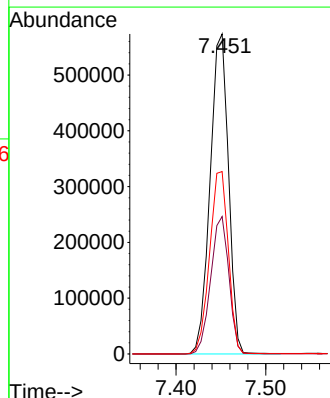
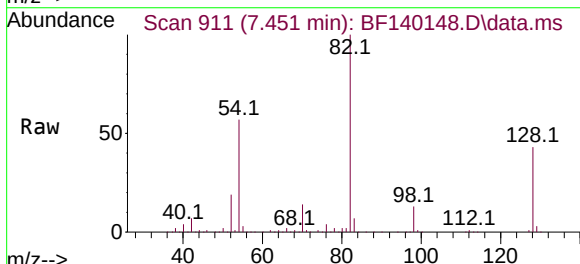
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.3	8.4	12.6
68	5.8	5.1	7.7

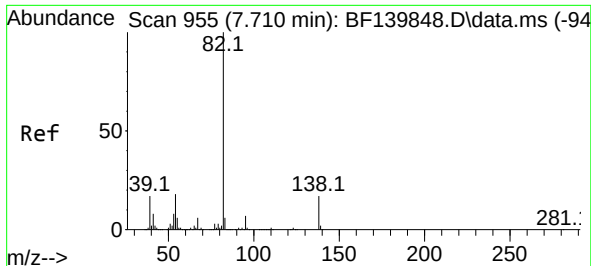


#23
Nitrobenzene-d5
Concen: 91.948 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

Tgt Ion: 82 Resp: 816216

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.4	50.0
54	57.0	47.8	71.8

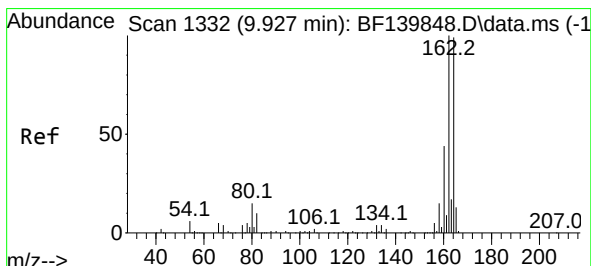
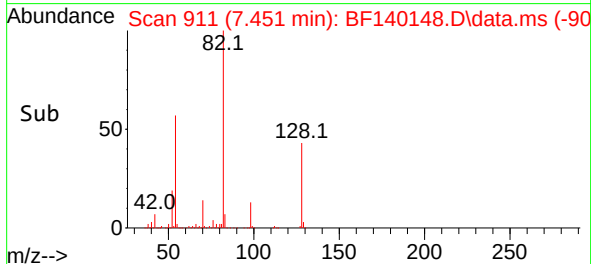
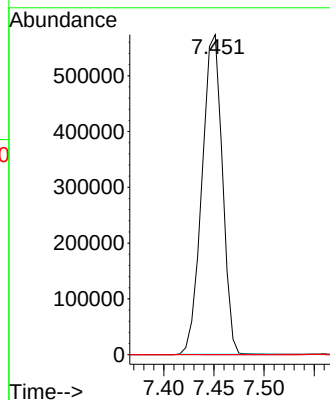
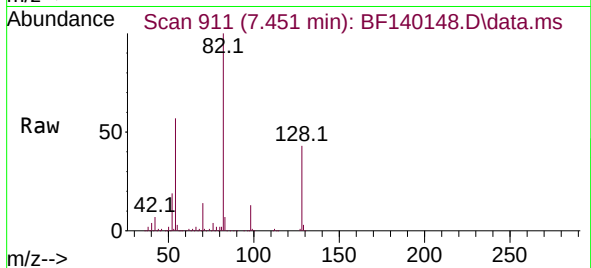




#25
Isophorone
Concen: 48.133 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

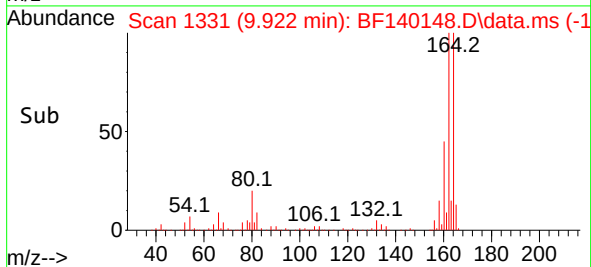
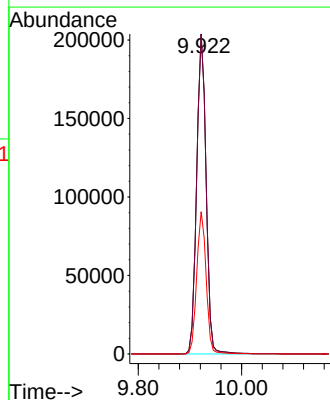
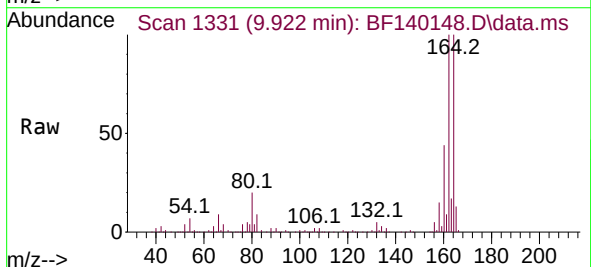
Instrument :
BNA_F
ClientSampleId :
BP-F12

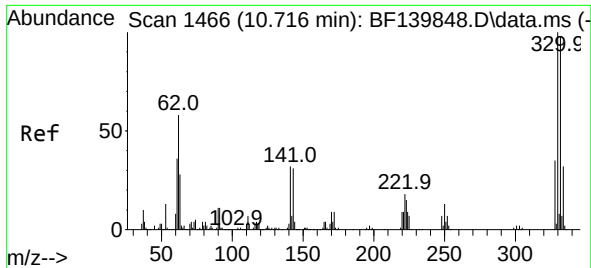
Tgt Ion: 82 Resp: 810961
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

Tgt Ion: 164 Resp: 258867
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 44.5 35.4 53.0

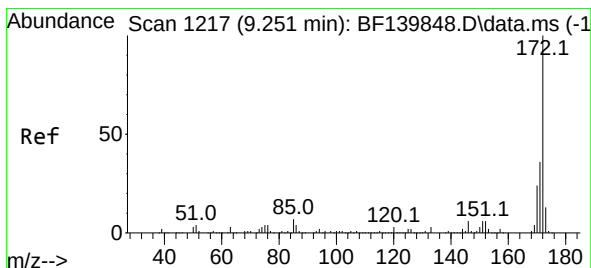
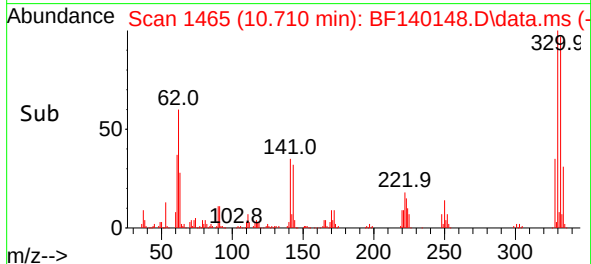
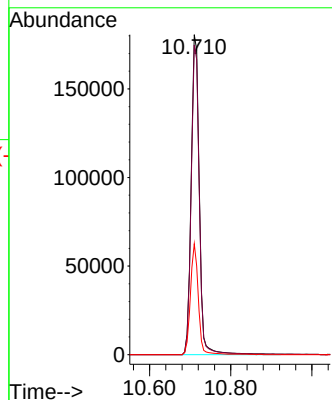
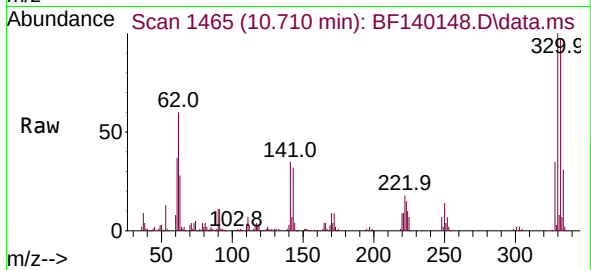




#42
2,4,6-Tribromophenol
Concen: 103.712 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

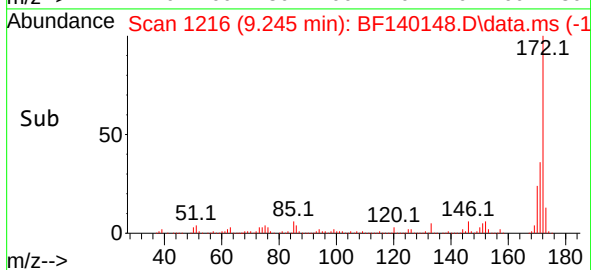
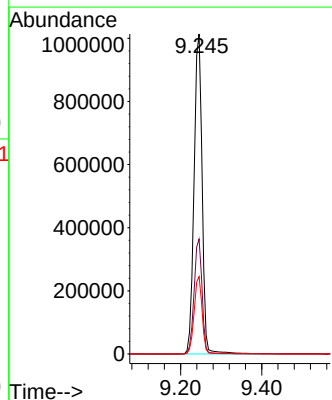
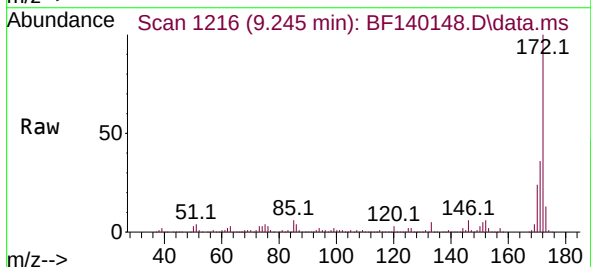
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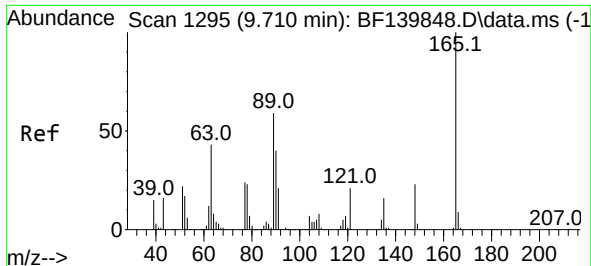
Tgt Ion:330 Resp: 251125
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 33.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 89.748 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

Tgt Ion:172 Resp: 1405757
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.2 19.1 28.7

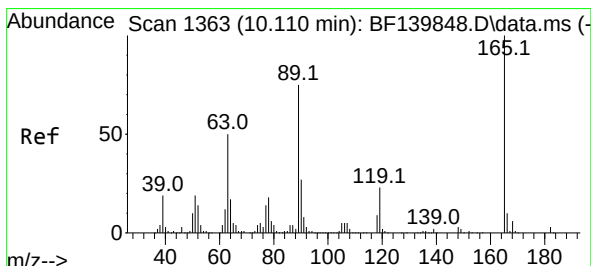
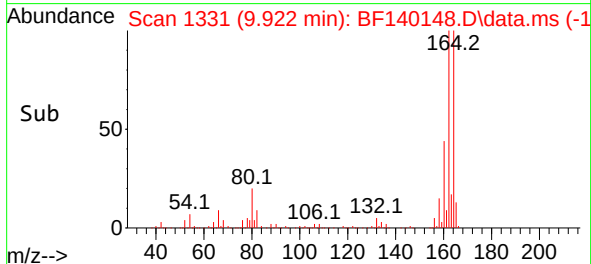
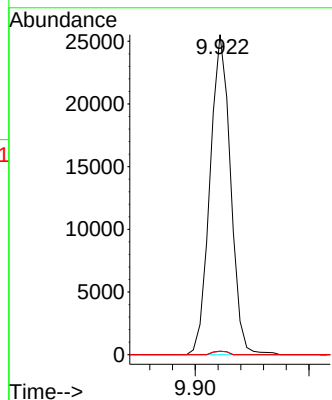
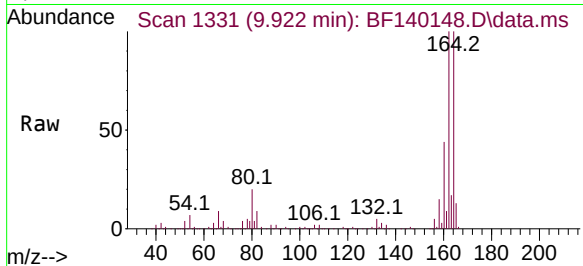




#51
2,6-Dinitrotoluene
Concen: 9.195 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

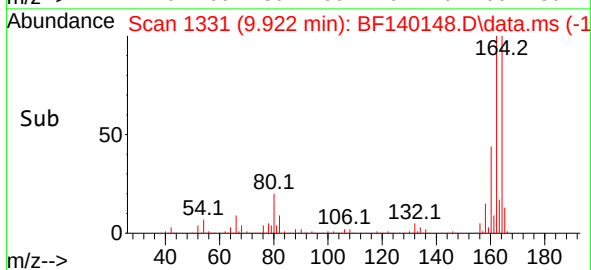
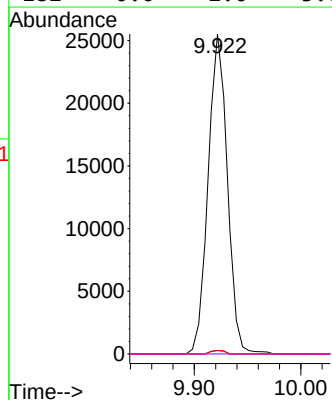
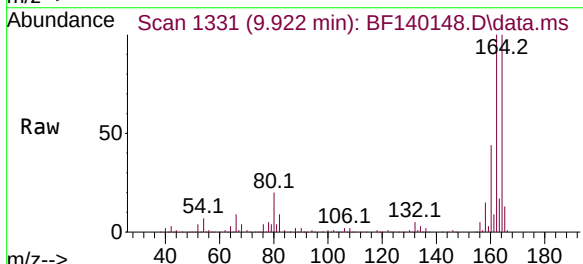
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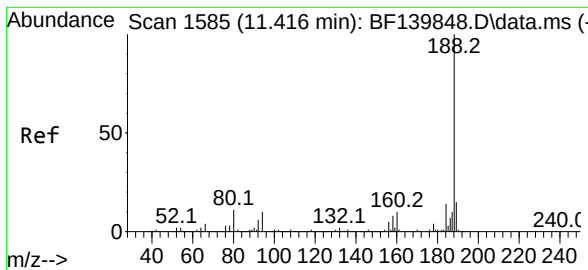
Tgt Ion:165 Resp: 32101
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.477 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

Tgt Ion:165 Resp: 32101
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#

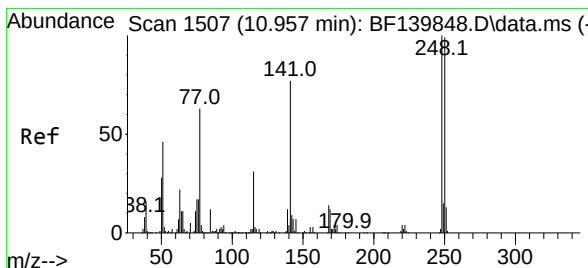
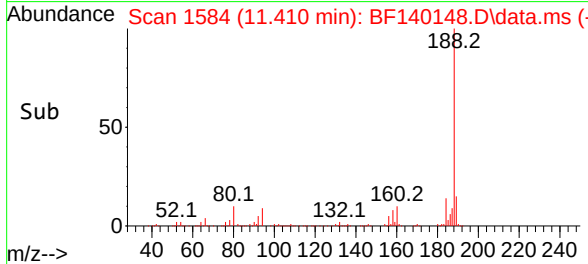
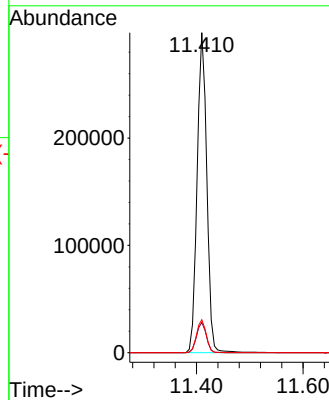
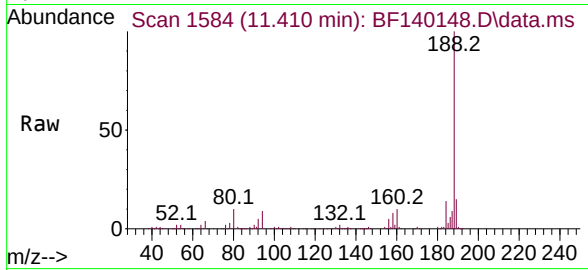




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

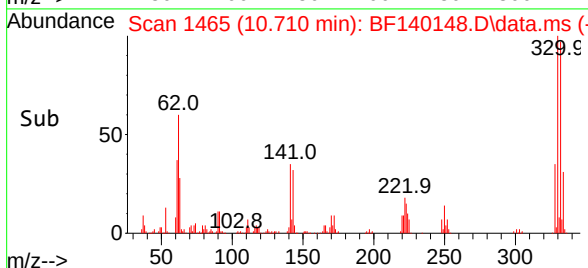
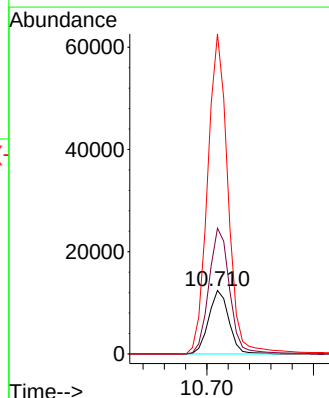
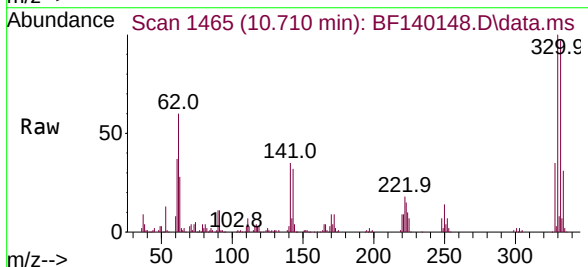
Instrument :
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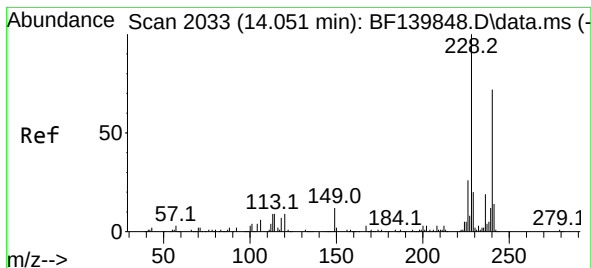
Tgt Ion:188 Resp: 374844
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.3 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.264 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140148.D
Acq: 30 Oct 2024 08:08

Tgt Ion:248 Resp: 16464
Ion Ratio Lower Upper
248 100
250 198.0 79.0 118.6#
141 503.9 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF140148.D

Acq: 30 Oct 2024 08:08

Instrument :

BNA_F

ClientSampleId :

BP-F12

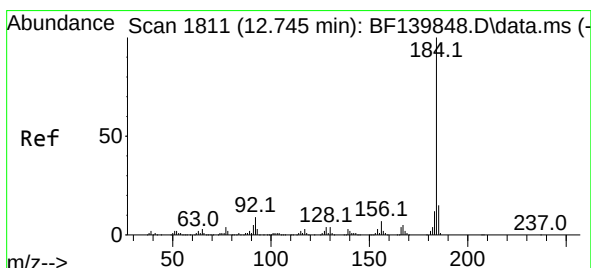
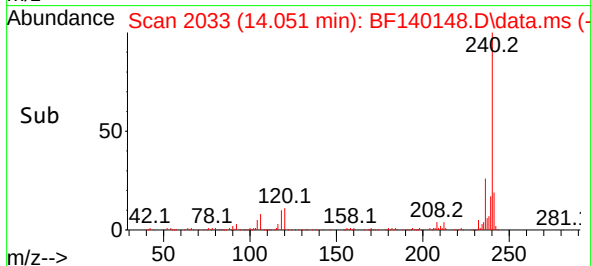
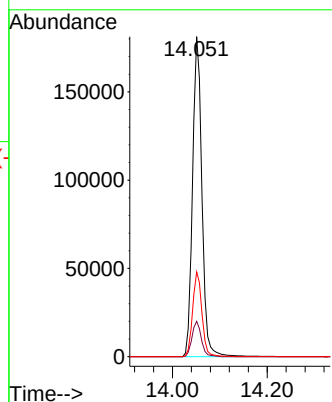
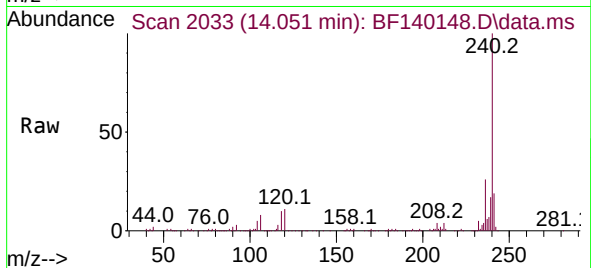
Tgt Ion:240 Resp: 249462

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 26.5 20.9 31.3



#77

Benzdine

Concen: 3.807 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140148.D

Acq: 30 Oct 2024 08:08

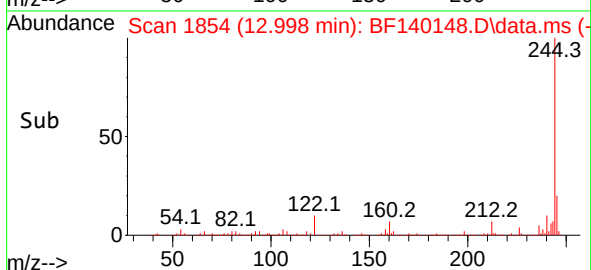
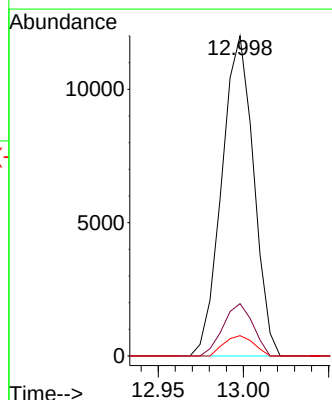
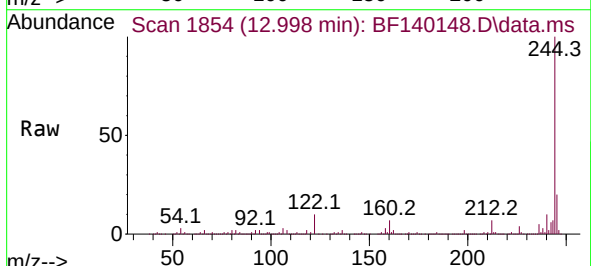
Tgt Ion:184 Resp: 15615

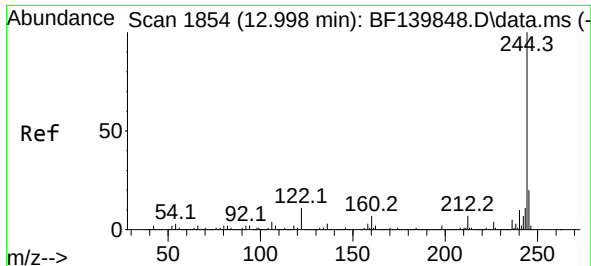
Ion Ratio Lower Upper

184 100

185 16.3 12.0 18.0

183 6.4 9.4 14.2#

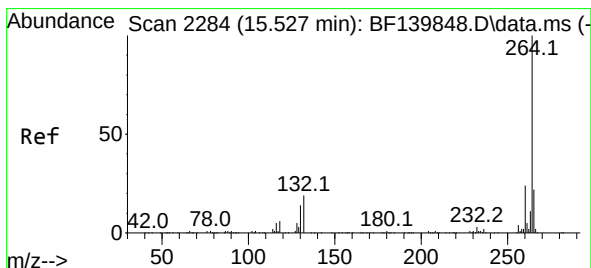
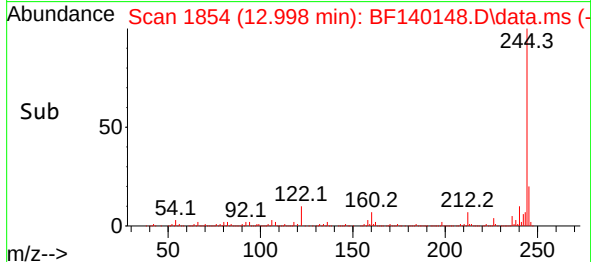
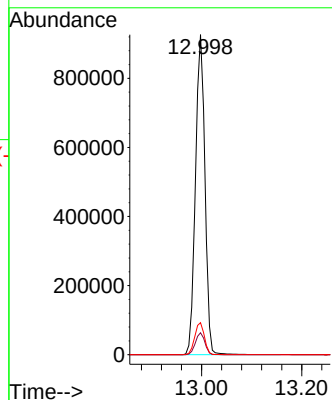
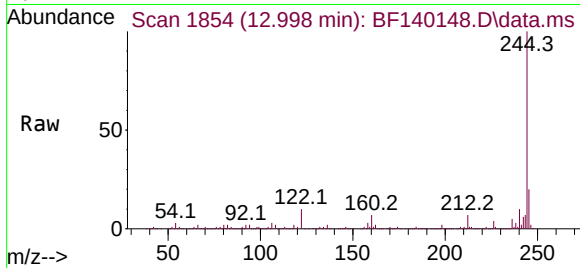




#79
 Terphenyl-d14
 Concen: 79.113 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140148.D
 Acq: 30 Oct 2024 08:08

Instrument :
 BNA_F
 ClientSampleId :
 BP-F12

Tgt Ion:244 Resp: 1211163
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. 0.018 min
 Lab File: BF140148.D
 Acq: 30 Oct 2024 08:08

Tgt Ion:264 Resp: 190877
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 21.0 17.4 26.0

