

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140080.D
 Acq On : 28 Oct 2024 11:59
 Operator : RC/JU
 Sample : P4547-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-21

Quant Time: Oct 28 12:24:35 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)

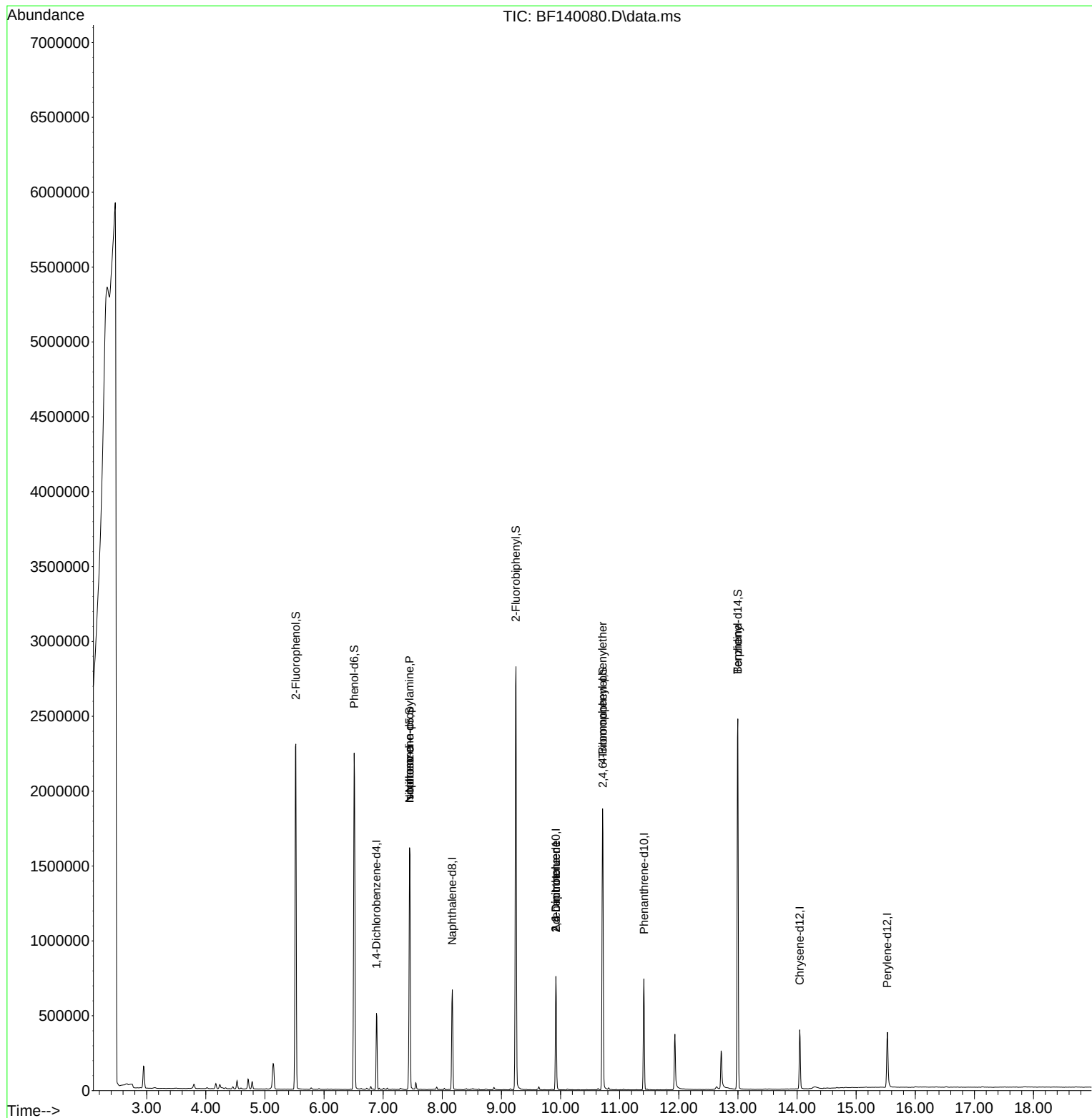
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	103291	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	399133	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	225640	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	384007	20.000	ng	0.00
76) Chrysene-d12	14.045	240	191608	20.000	ng	0.00
86) Perylene-d12	15.527	264	237181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	910763	138.036	ng	0.02
7) Phenol-d6	6.510	99	1125313	131.685	ng	0.00
23) Nitrobenzene-d5	7.445	82	750343	104.193	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	344840	163.387	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1329630	97.389	ng	0.00
79) Terphenyl-d14	12.998	244	1270531	108.049	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	102509	19.779	ng	Qvalue # 76
25) Isophorone	7.445	82	745322	54.529	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	27968	9.191	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	27968	7.474	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	21997	5.560	ng	# 1
77) Benzidine	12.998	184	15331	4.866	ng	# 95

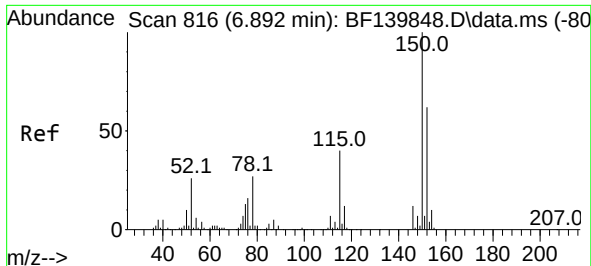
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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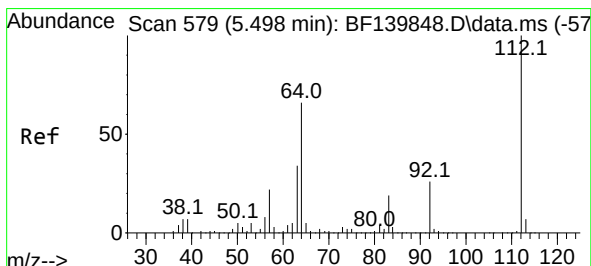
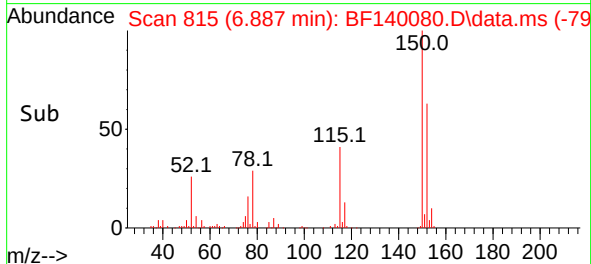
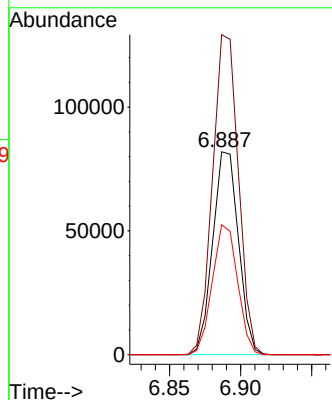
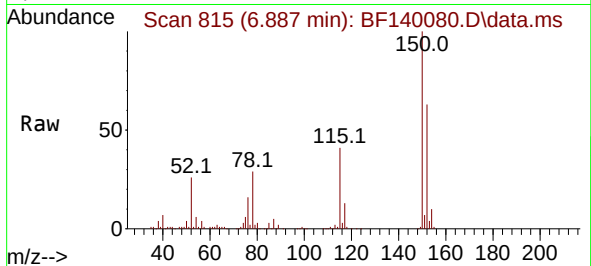




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

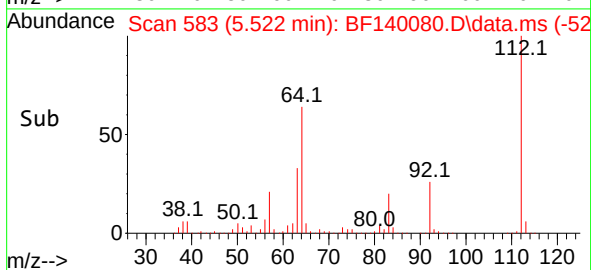
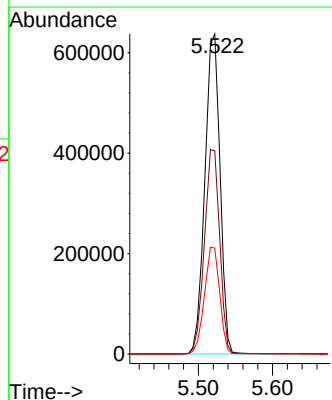
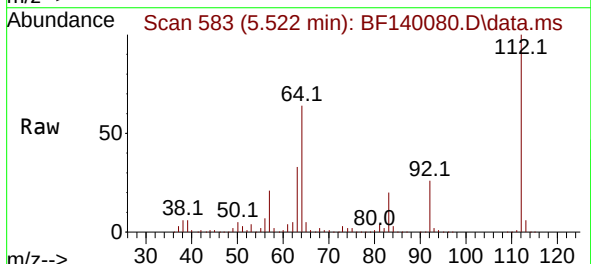
Instrument :
BNA_F
ClientSampleId :
BP-F-21

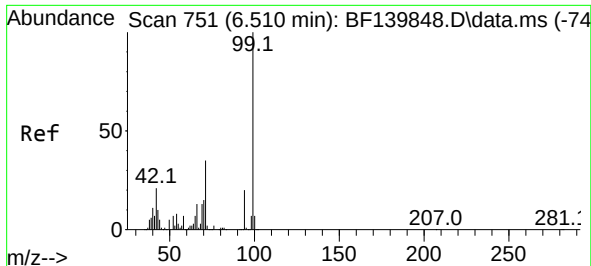
Tgt Ion:152 Resp: 103291
Ion Ratio Lower Upper
152 100
150 157.7 130.2 195.2
115 64.0 51.4 77.2



#5
2-Fluorophenol
Concen: 138.036 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

Tgt Ion:112 Resp: 910763
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 33.1 27.0 40.4

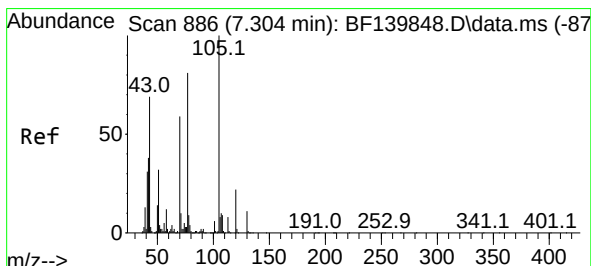
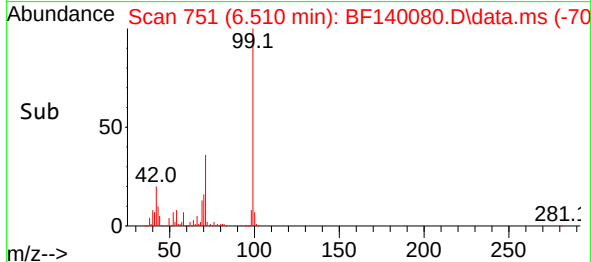
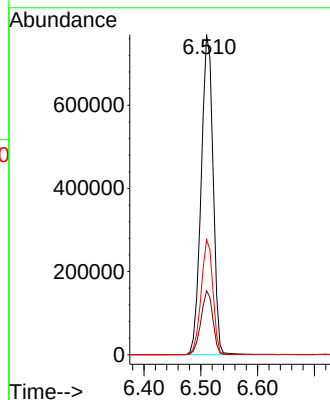
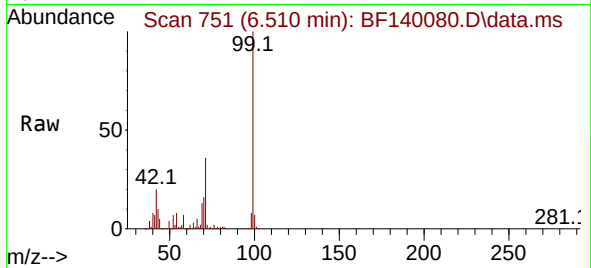




#7
Phenol-d6
Concen: 131.685 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

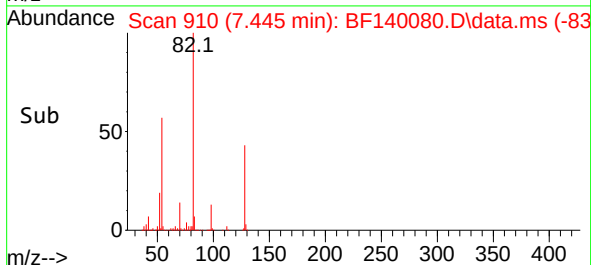
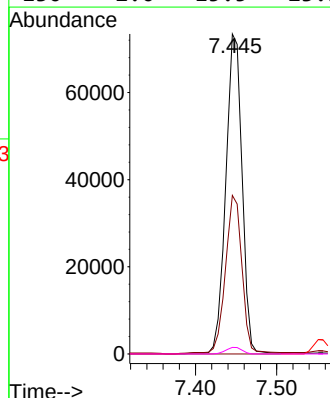
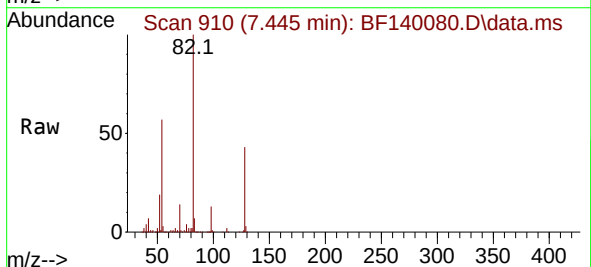
Instrument :
BNA_F
ClientSampleId :
BP-F-21

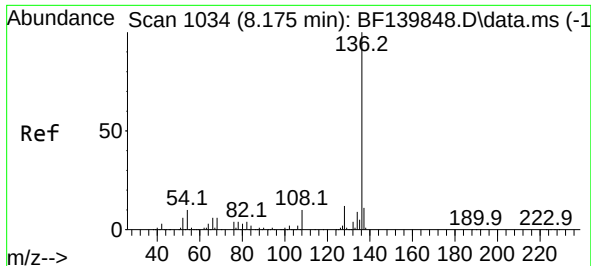
Tgt Ion: 99 Resp: 1125313
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 35.9 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.779 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

Tgt Ion: 70 Resp: 102509
Ion Ratio Lower Upper
70 100
42 49.5 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#

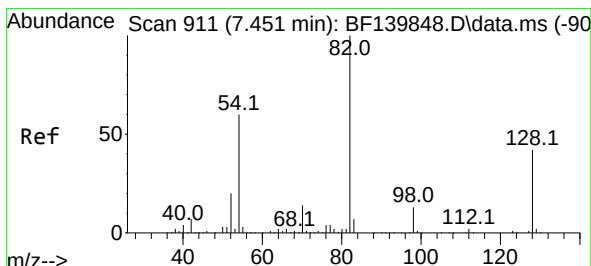
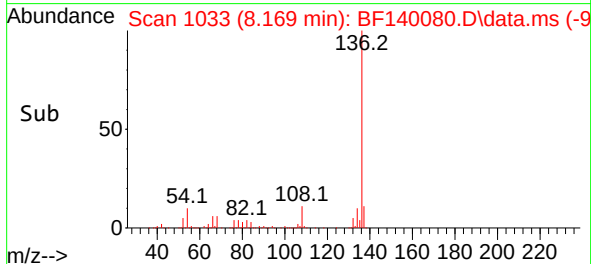
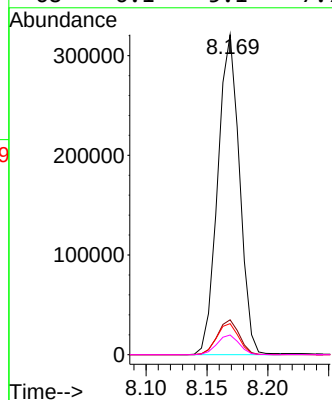
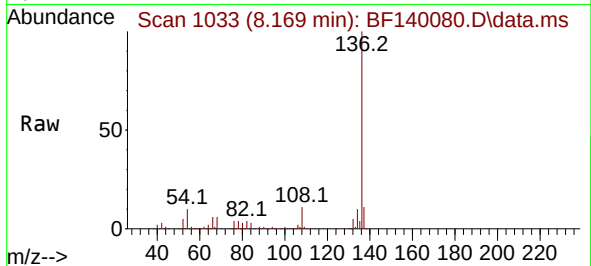




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

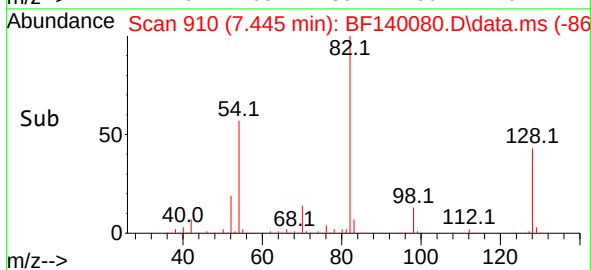
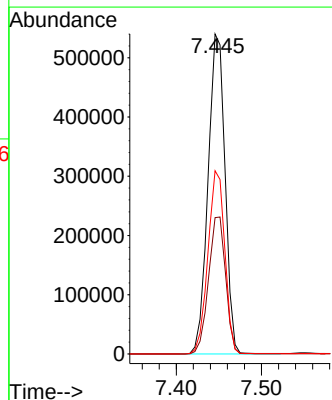
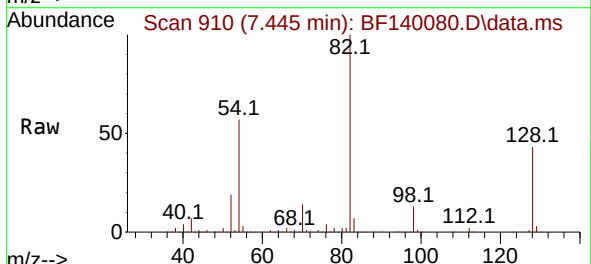
Instrument :
BNA_F
ClientSampleId :
BP-F-21

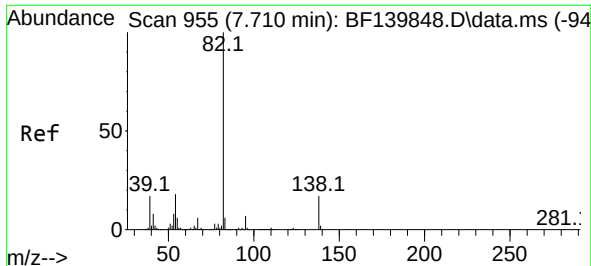
Tgt Ion:	136	Resp:	399133
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	8.4	12.6
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 104.193 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

Tgt Ion:	82	Resp:	750343
Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.0
54	57.2	47.8	71.8

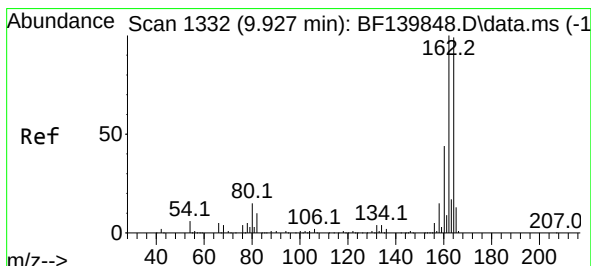
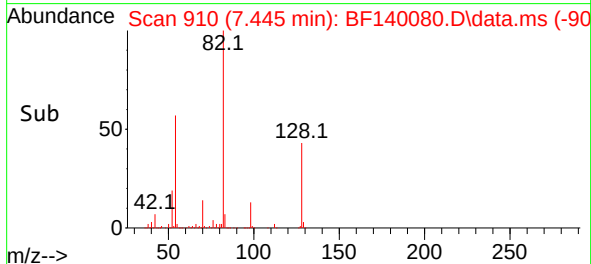
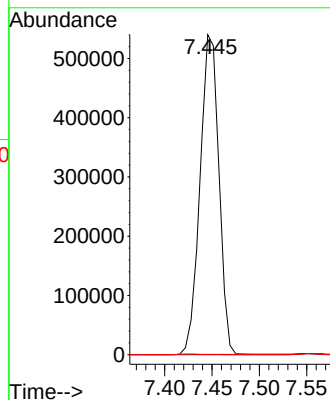
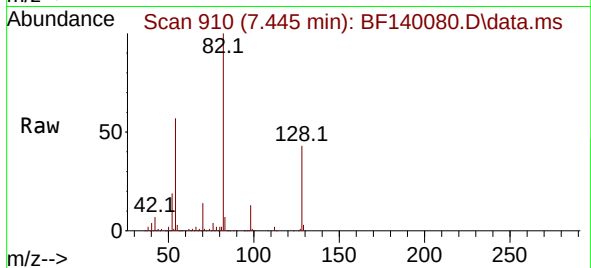




#25
Isophorone
Concen: 54.529 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.264 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

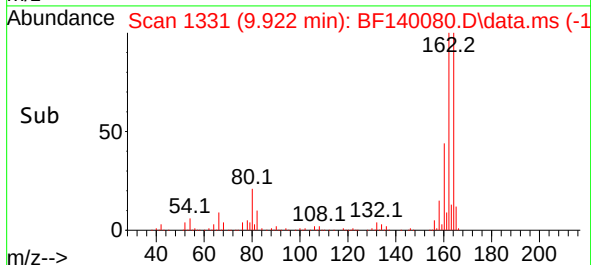
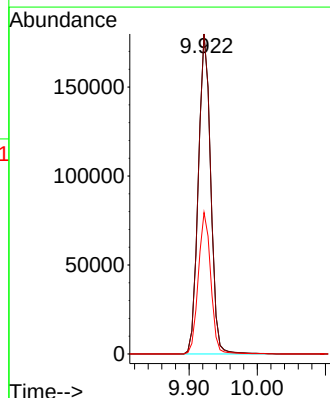
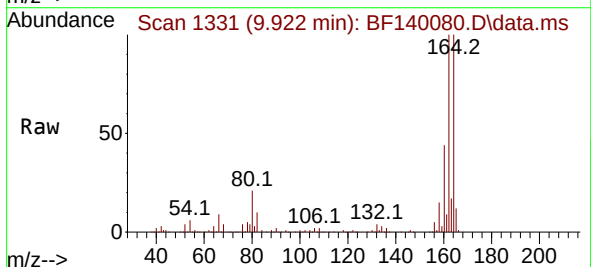
Instrument :
BNA_F
ClientSampleId :
BP-F-21

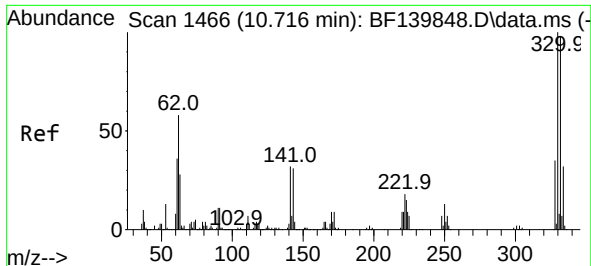
Tgt Ion: 82 Resp: 745322
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

Tgt Ion: 164 Resp: 225640
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 44.2 35.4 53.0

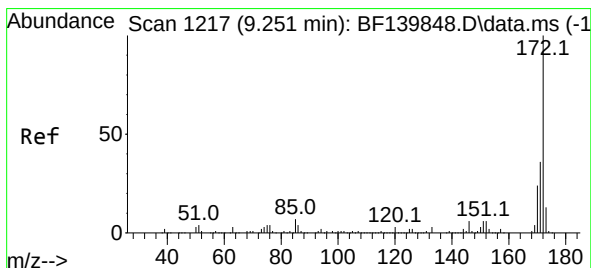
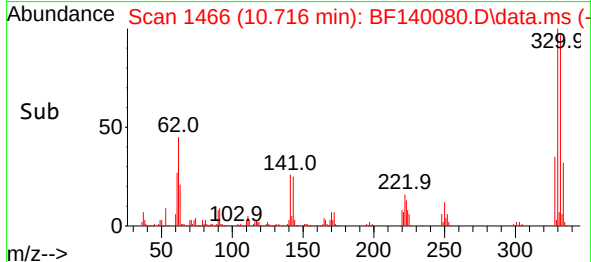
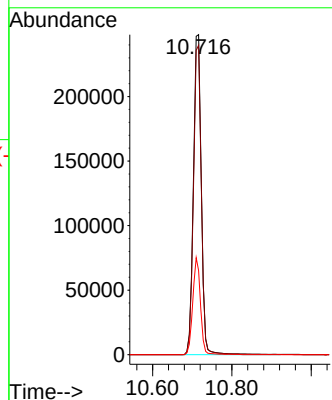
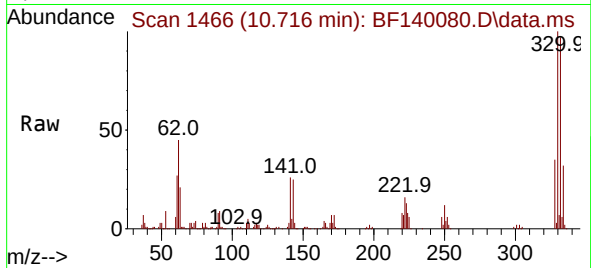




#42
2,4,6-Tribromophenol
Concen: 163.387 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

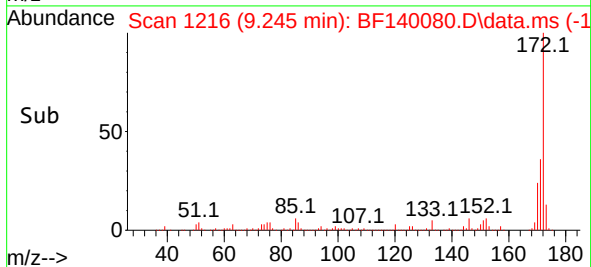
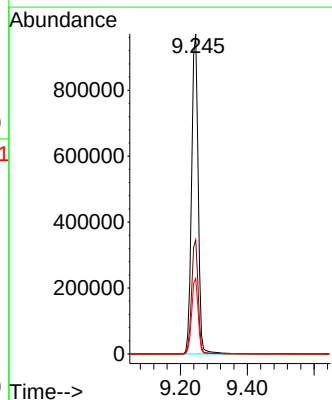
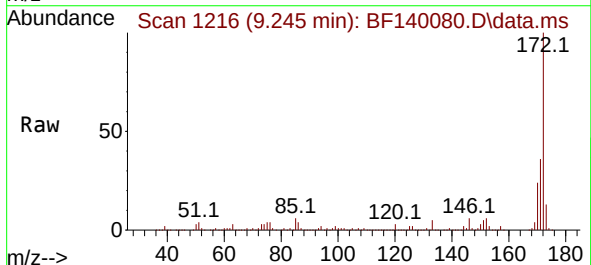
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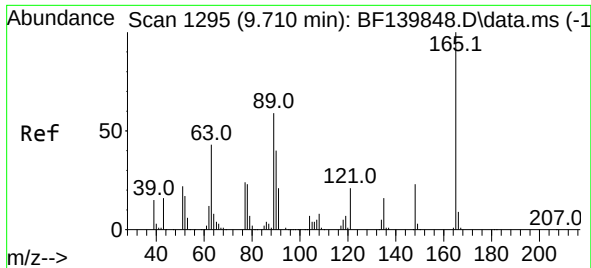
Tgt Ion:330 Resp: 344840
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 29.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 97.389 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

Tgt Ion:172 Resp: 1329630
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 19.1 28.7

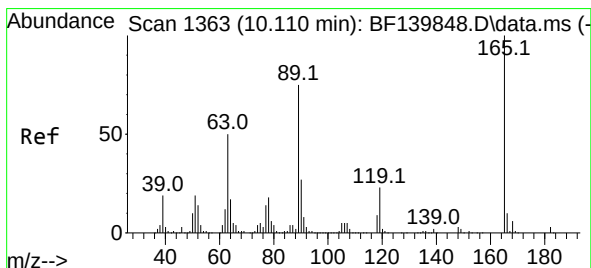
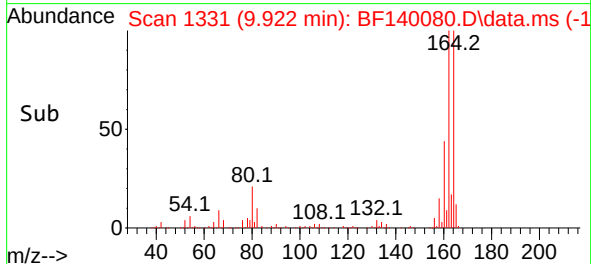
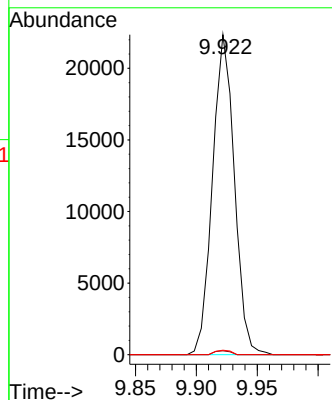
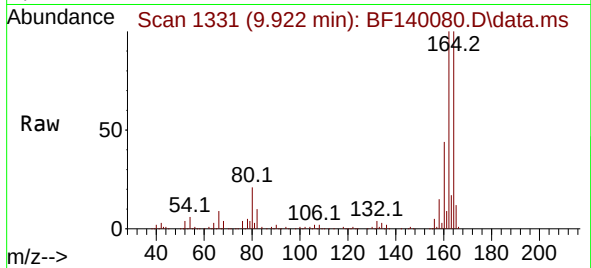




#51
2,6-Dinitrotoluene
Concen: 9.191 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

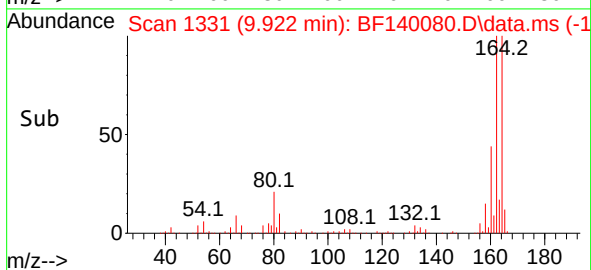
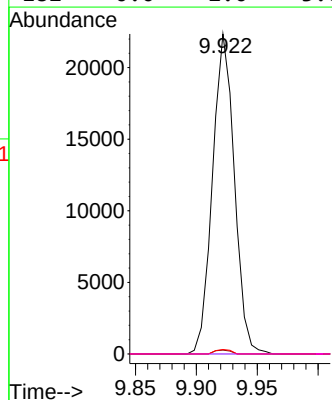
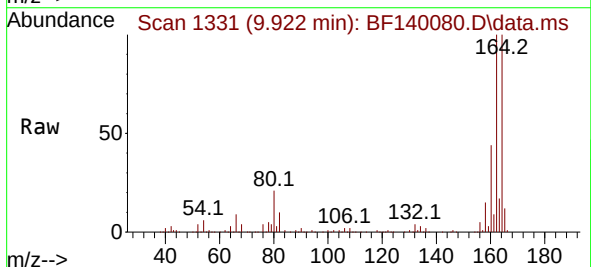
Instrument :
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BP-F-21

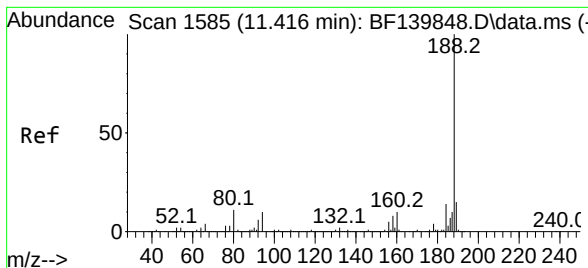
Tgt Ion:165 Resp: 27968
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.474 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140080.D
Acq: 28 Oct 2024 11:59

Tgt Ion:165 Resp: 27968
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.4 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: BF140080.D

Acq: 28 Oct 2024 11:59

Instrument :

BNA_F

ClientSampleId :

BP-F-21

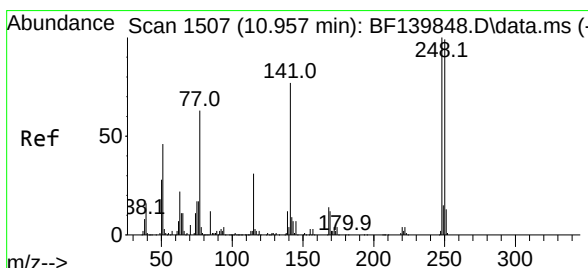
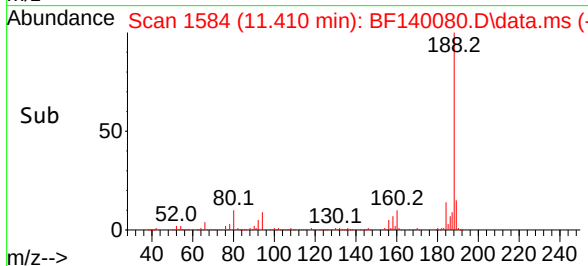
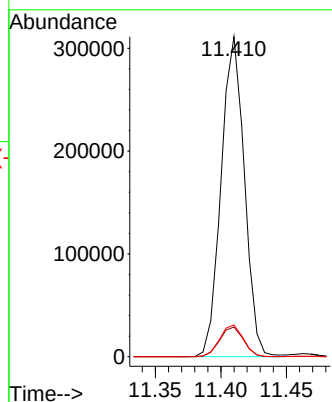
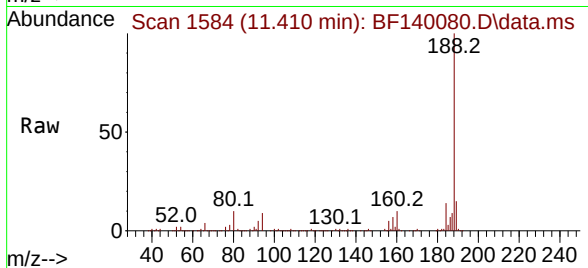
Tgt Ion:188 Resp: 384007

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 9.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.560 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140080.D

Acq: 28 Oct 2024 11:59

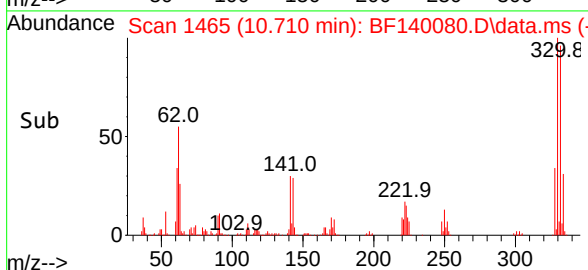
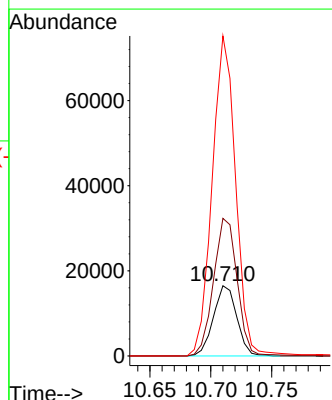
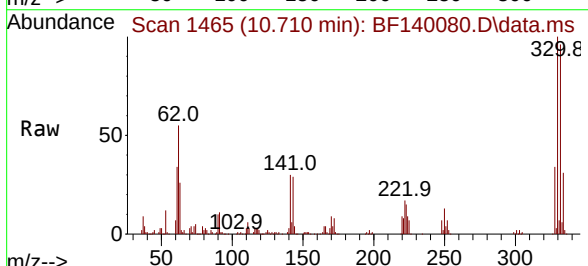
Tgt Ion:248 Resp: 21997

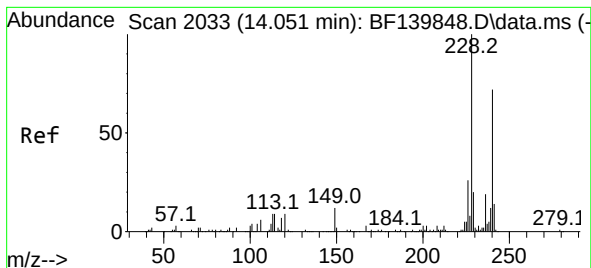
Ion Ratio Lower Upper

248 100

250 196.1 79.0 118.6#

141 455.9 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: BF140080.D

Acq: 28 Oct 2024 11:59

Instrument :

BNA_F

ClientSampleId :

BP-F-21

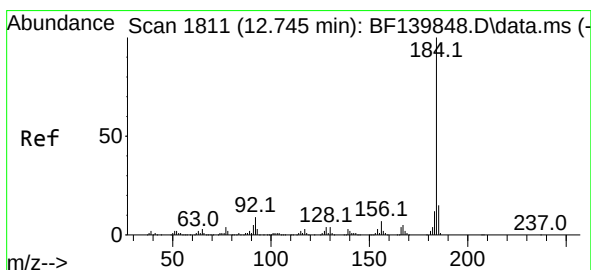
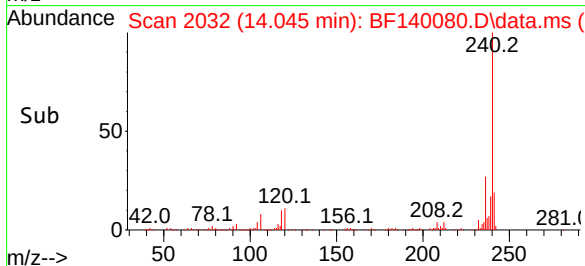
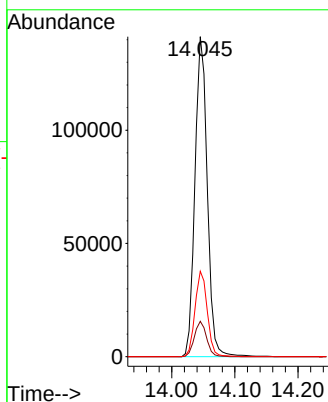
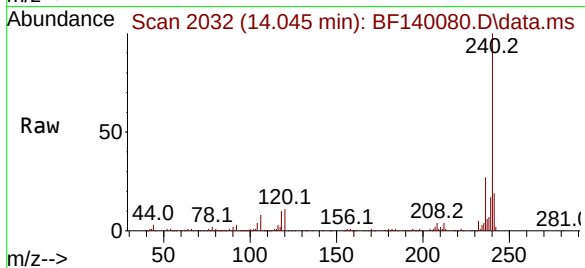
Tgt Ion:240 Resp: 191608

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 26.7 20.9 31.3



#77

Benzidine

Concen: 4.866 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140080.D

Acq: 28 Oct 2024 11:59

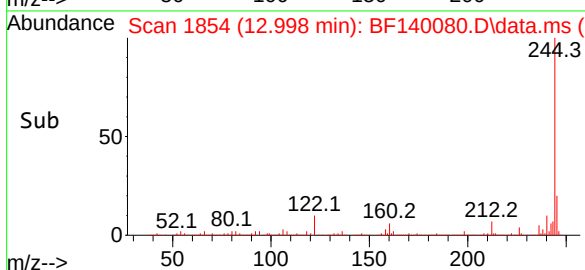
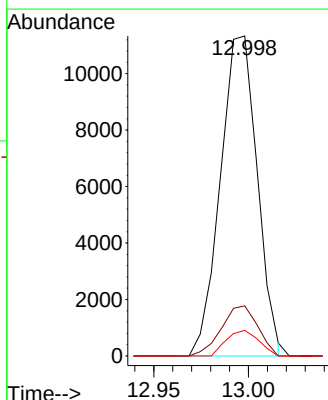
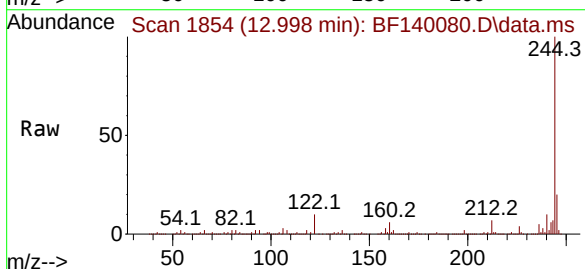
Tgt Ion:184 Resp: 15331

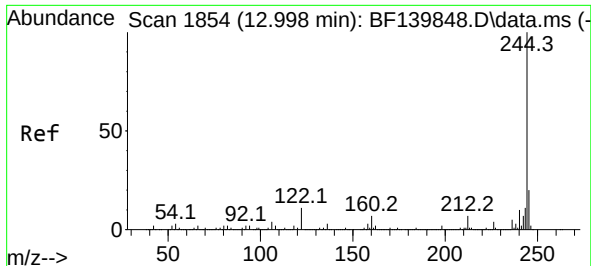
Ion Ratio Lower Upper

184 100

185 15.7 12.0 18.0

183 8.0 9.4 14.2#

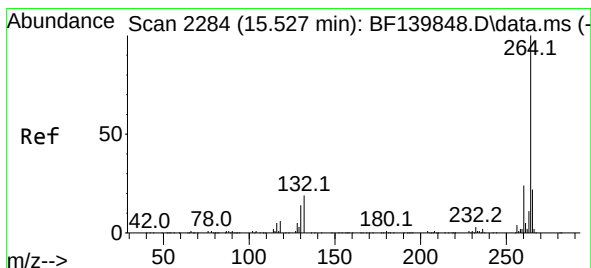
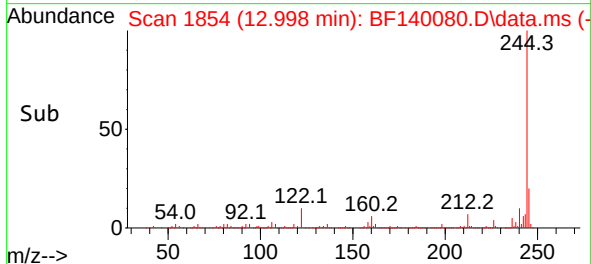
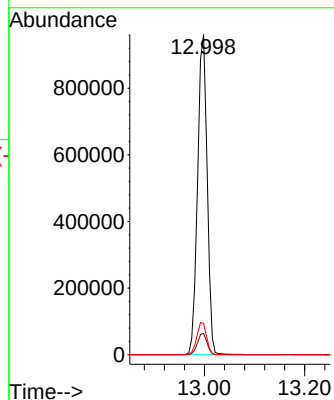
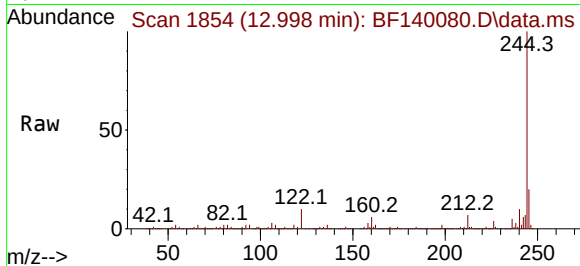




#79
 Terphenyl-d14
 Concen: 108.049 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140080.D
 Acq: 28 Oct 2024 11:59

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-21

Tgt Ion:244 Resp: 1270531
 Ion Ratio Lower Upper
 244 100
 212 6.7 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: BF140080.D
 Acq: 28 Oct 2024 11:59

Tgt Ion:264 Resp: 237181
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.1 17.4 26.0

