

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140145.D
 Acq On : 30 Oct 2024 06:50
 Operator : RC/JU
 Sample : P4594-20
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F15

Quant Time: Oct 30 07:22:01 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)

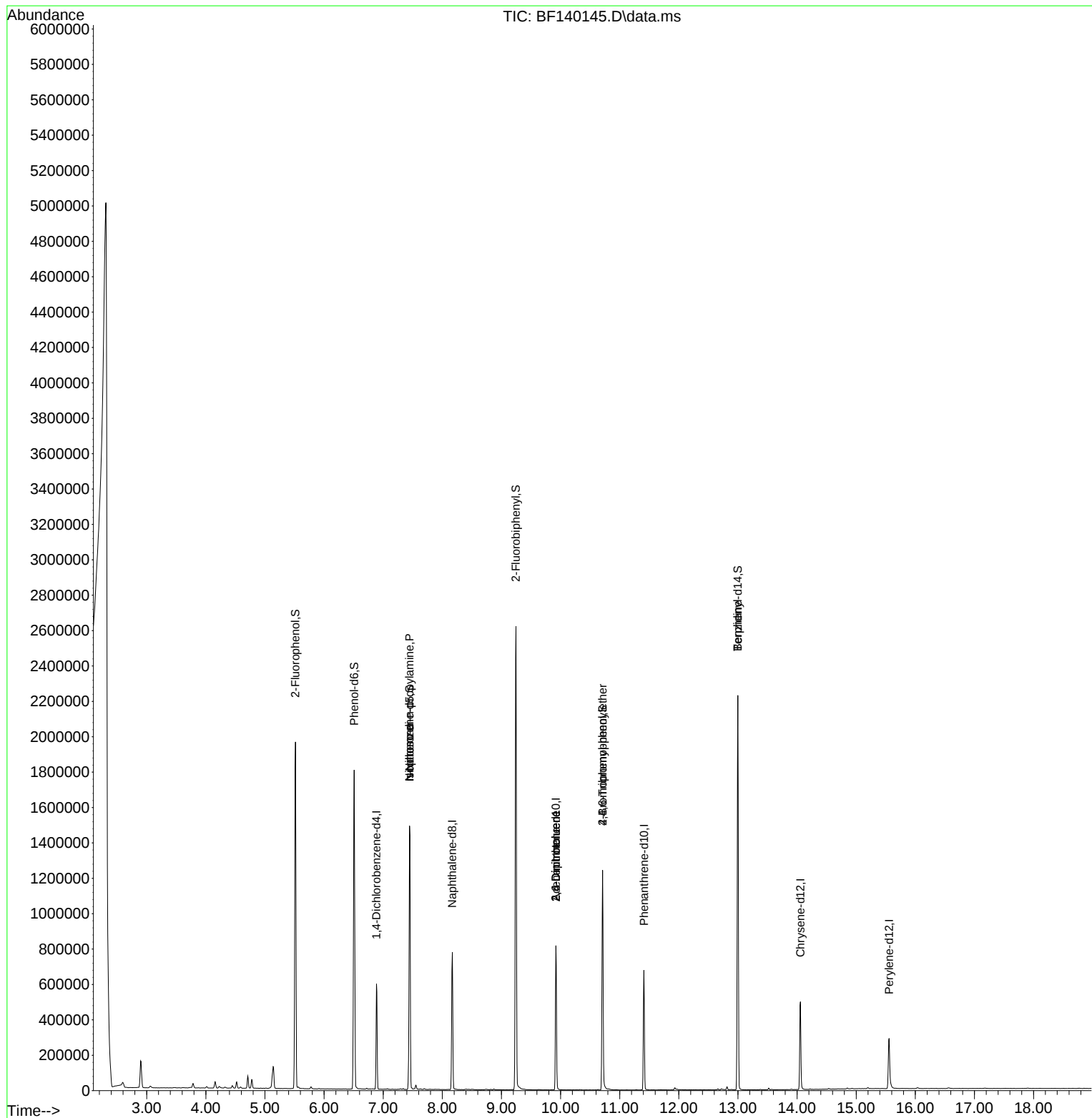
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	119175	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	468674	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	241588	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	352533	20.000	ng	0.00
76) Chrysene-d12	14.057	240	252908	20.000	ng	0.00
86) Perylene-d12	15.557	264	196340	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	734095	96.431	ng	0.02
7) Phenol-d6	6.510	99	846911	85.897	ng	0.00
23) Nitrobenzene-d5	7.445	82	688910	81.468	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	210293	93.061	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1215603	83.159	ng	0.00
79) Terphenyl-d14	12.998	244	1106310	71.279	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	93894	15.702	ng	# 79
25) Isophorone	7.445	82	684169	42.628	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	31313	9.611	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	31313	7.815	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	13765	3.790	ng	# 1
77) Benzidine	12.998	184	14216	3.418	ng	# 93

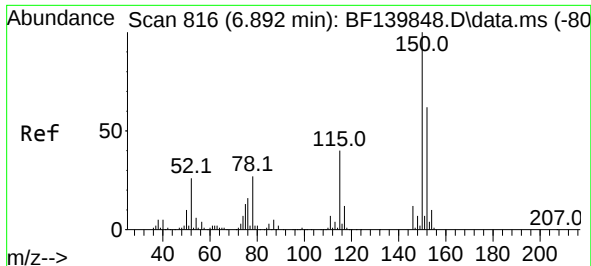
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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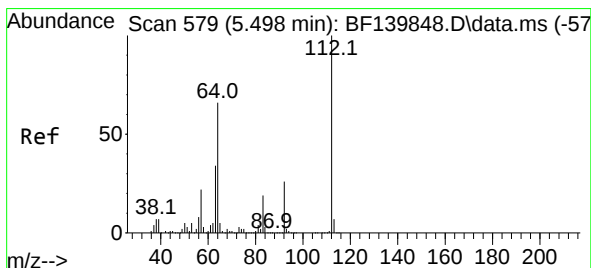
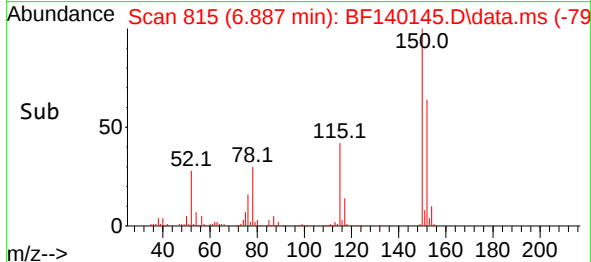
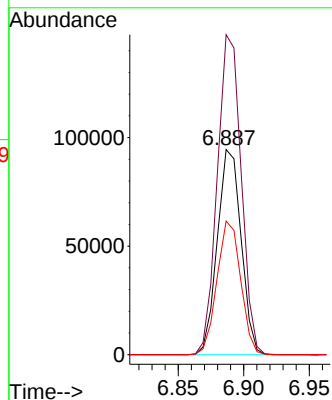
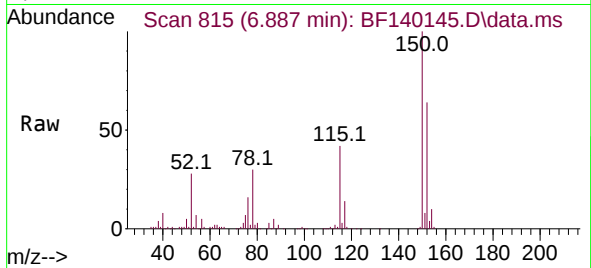




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

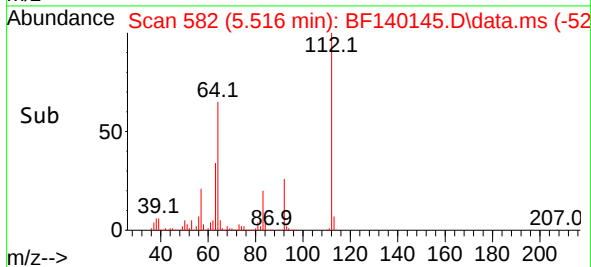
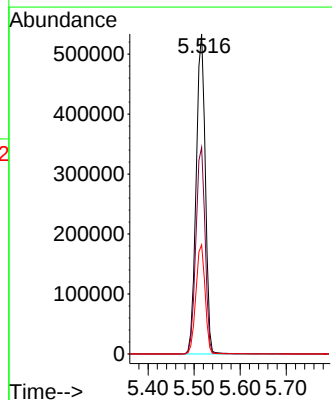
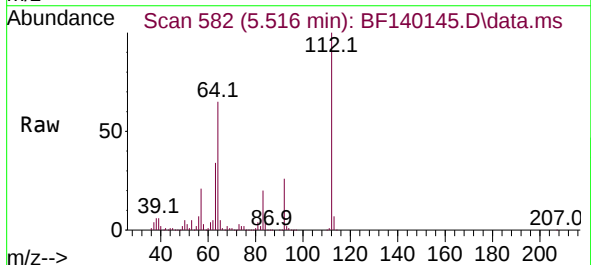
Instrument :
BNA_F
ClientSampleId :
BP-F15

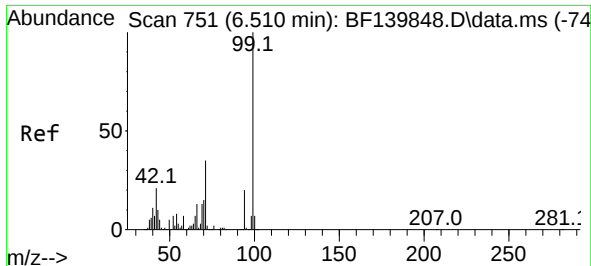
Tgt Ion:152 Resp: 119175
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 65.1 51.4 77.2



#5
2-Fluorophenol
Concen: 96.431 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Tgt Ion:112 Resp: 734095
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 34.1 27.0 40.4





#7
Phenol-d6
Concen: 85.897 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

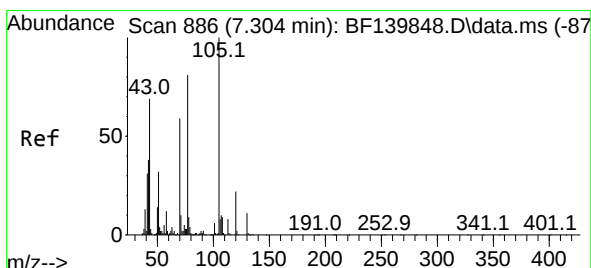
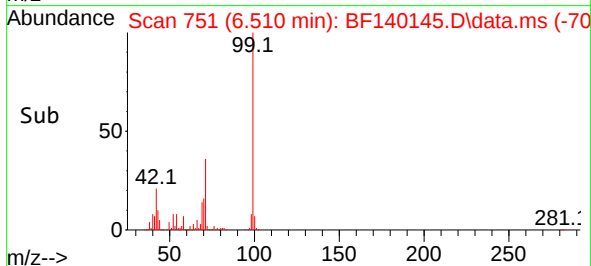
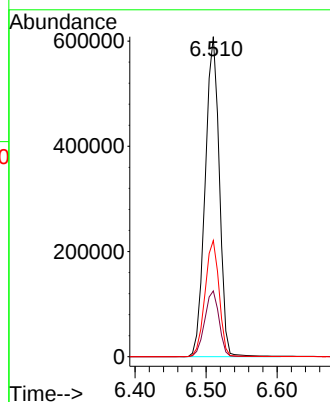
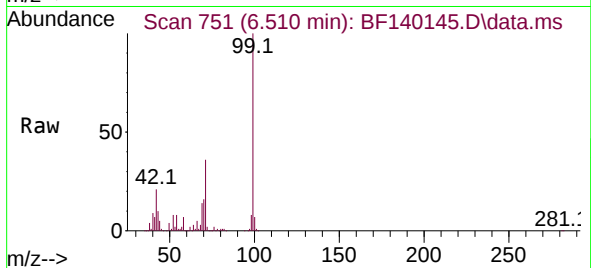
Instrument :

BNA_F

ClientSampleId :

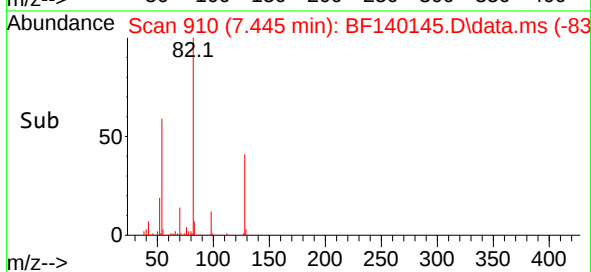
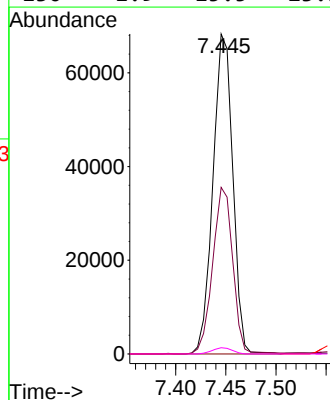
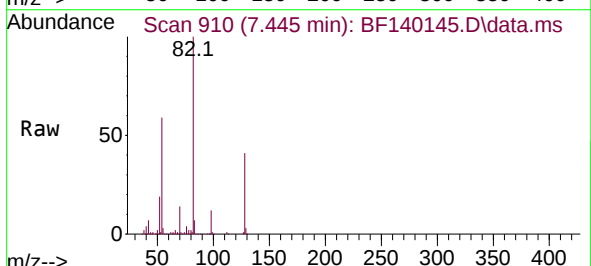
BP-F15

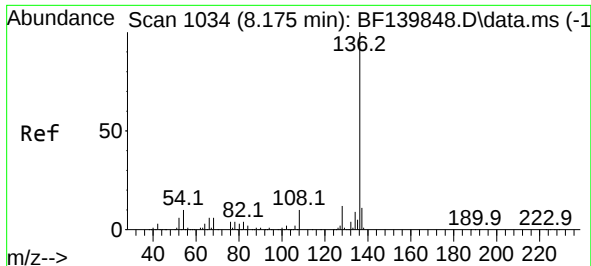
Tgt Ion: 99 Resp: 846911
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 36.3 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.702 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Tgt Ion: 70 Resp: 93894
Ion Ratio Lower Upper
70 100
42 52.0 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



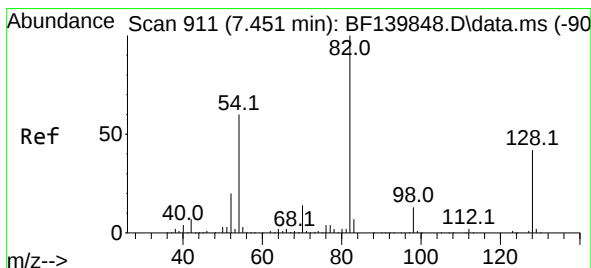
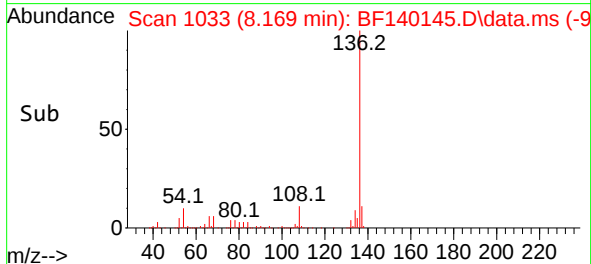
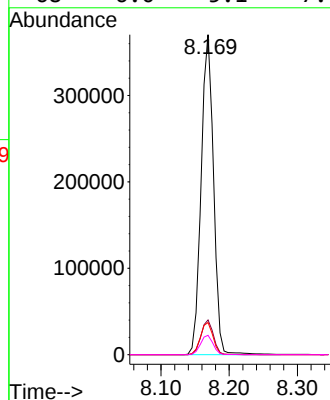
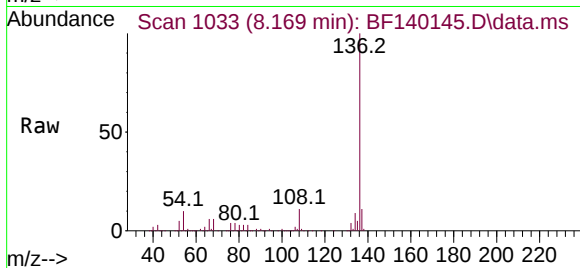


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Instrument :
BNA_F
ClientSampleId :
BP-F15

Tgt Ion:136 Resp: 468674

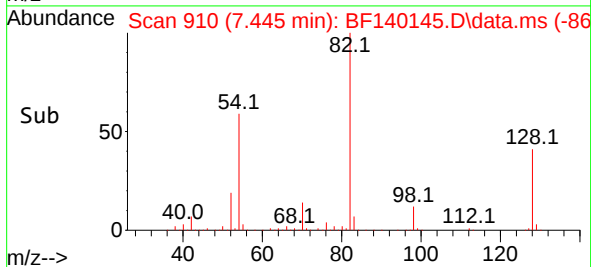
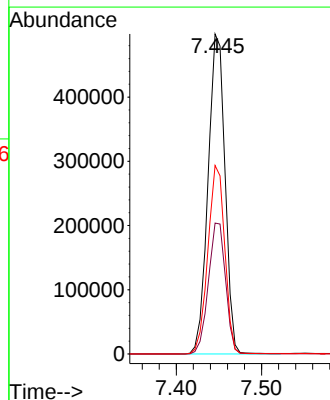
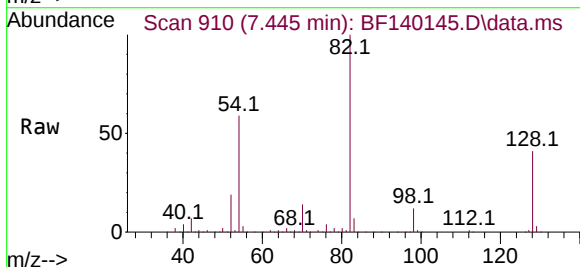
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.1	8.4	12.6
68	6.0	5.1	7.7

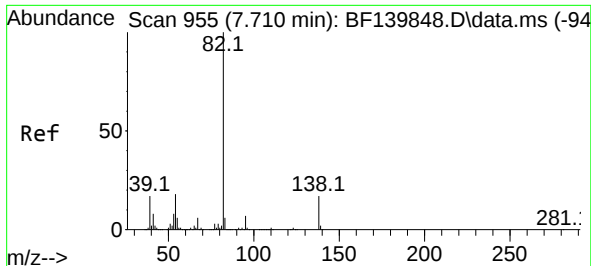


#23
Nitrobenzene-d5
Concen: 81.468 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Tgt Ion: 82 Resp: 688910

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.4	50.0
54	58.9	47.8	71.8

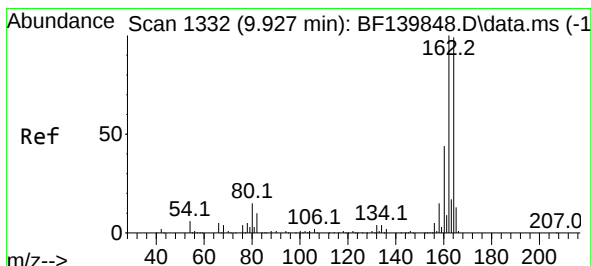
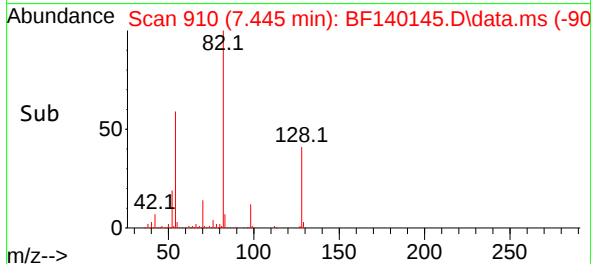
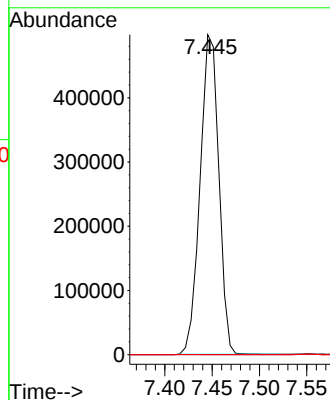
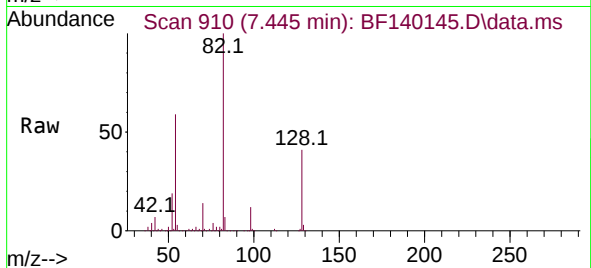




#25
Isophorone
Concen: 42.628 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

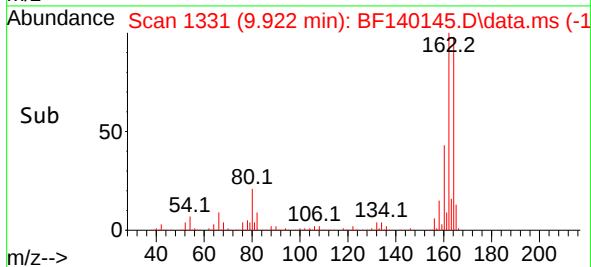
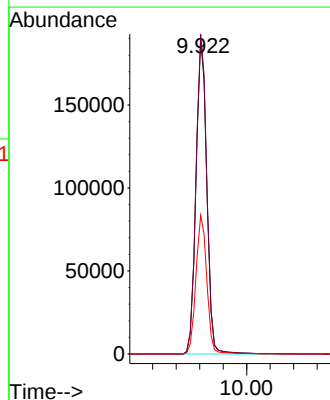
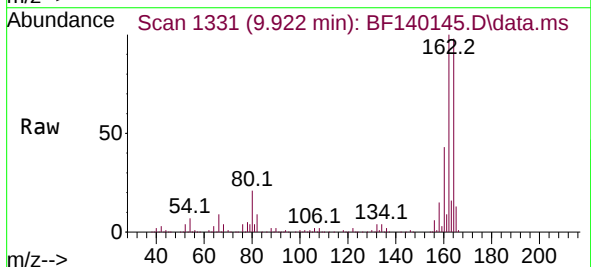
Instrument :
BNA_F
ClientSampleId :
BP-F15

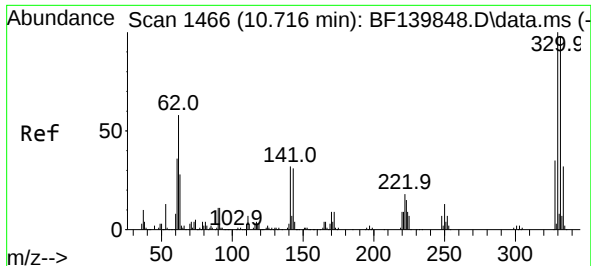
Tgt Ion: 82 Resp: 684169
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Tgt Ion:164 Resp: 241588
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 93.061 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140145.D

Acq: 30 Oct 2024 06:50

Instrument :

BNA_F

ClientSampleId :

BP-F15

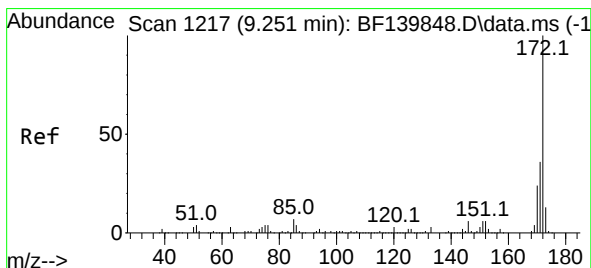
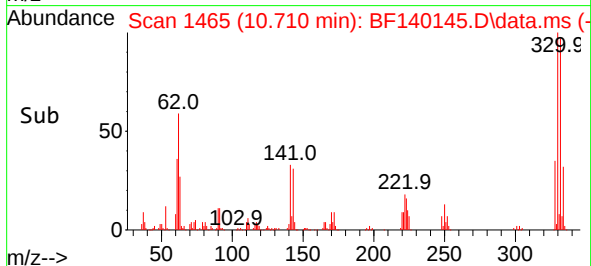
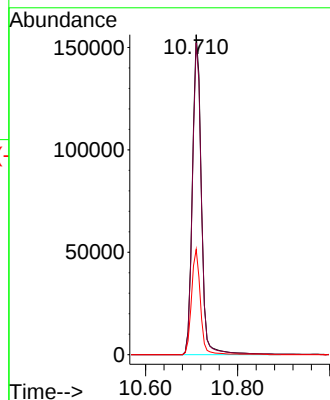
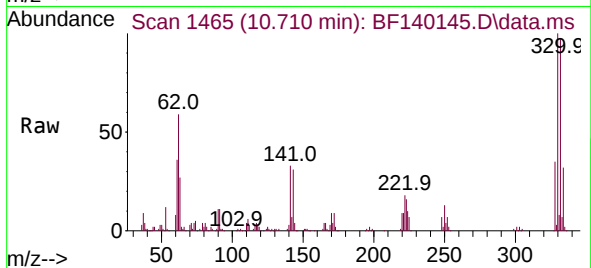
Tgt Ion:330 Resp: 210293

Ion Ratio Lower Upper

330 100

332 97.9 78.1 117.1

141 32.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 83.159 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140145.D

Acq: 30 Oct 2024 06:50

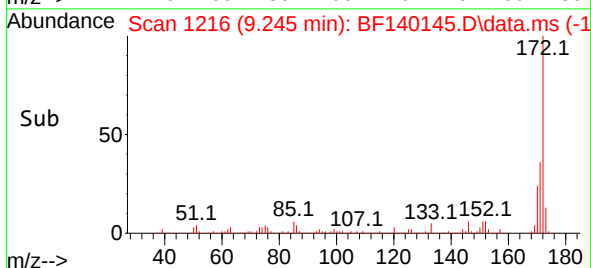
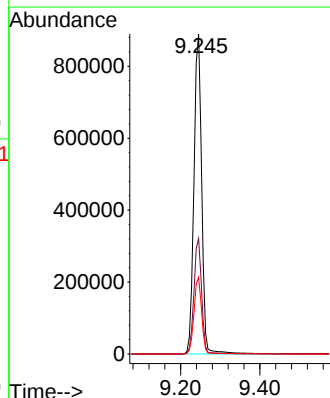
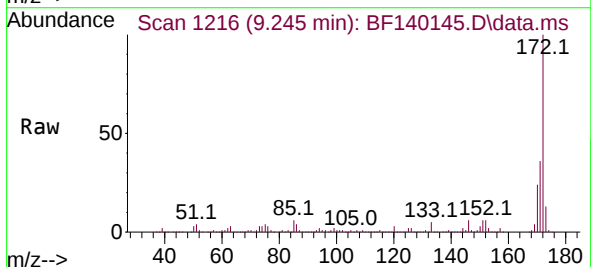
Tgt Ion:172 Resp: 1215603

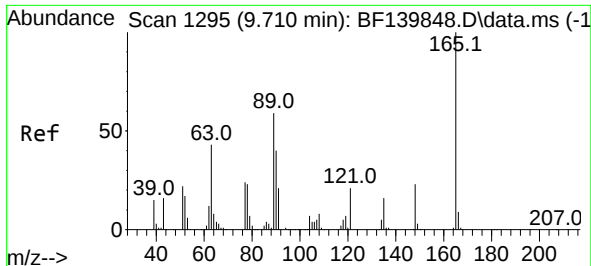
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.9 19.1 28.7

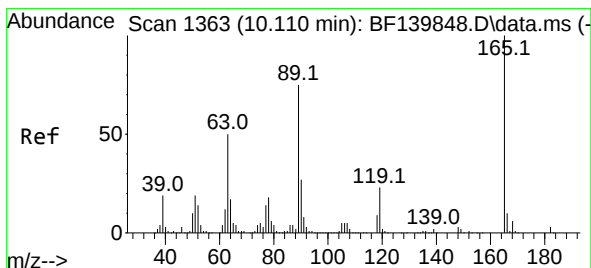
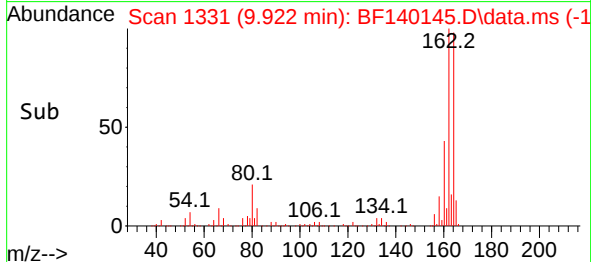
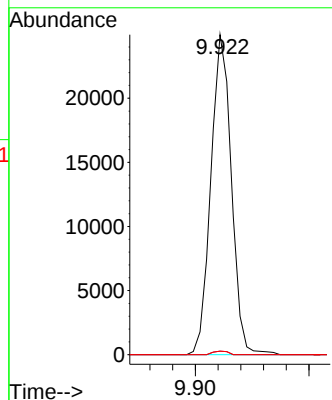
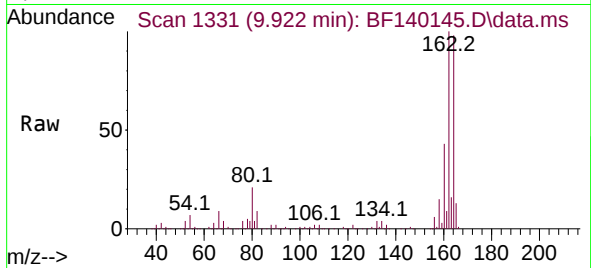




#51
2,6-Dinitrotoluene
Concen: 9.611 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

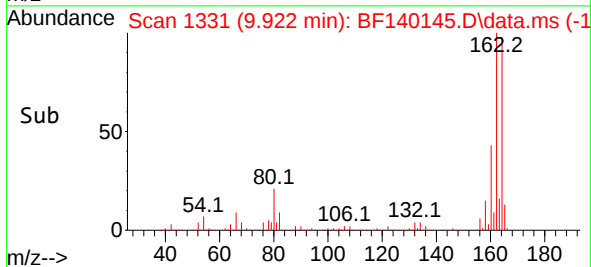
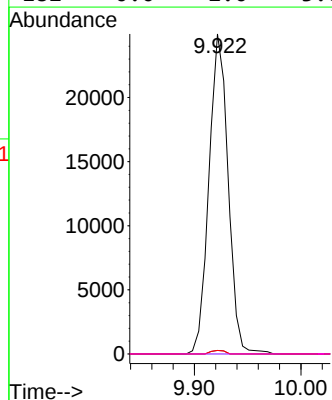
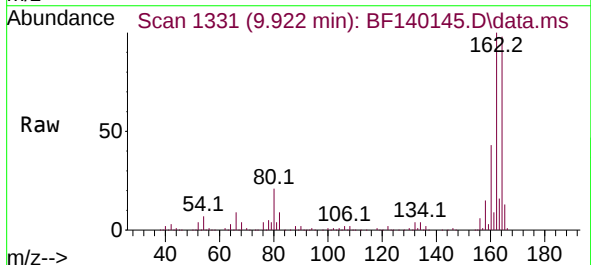
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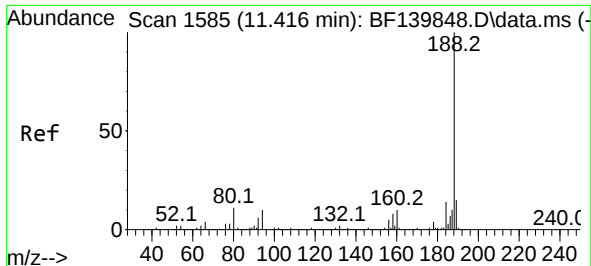
Tgt Ion:165 Resp: 31313
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.815 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Tgt Ion:165 Resp: 31313
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#

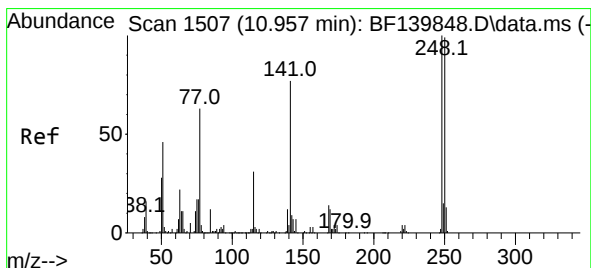
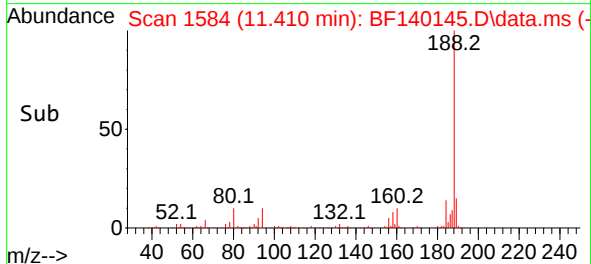
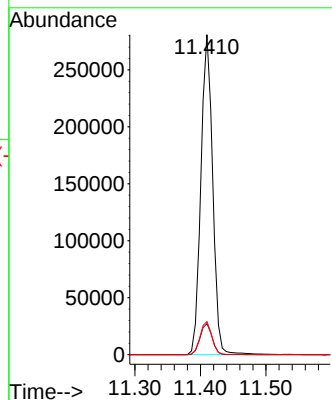
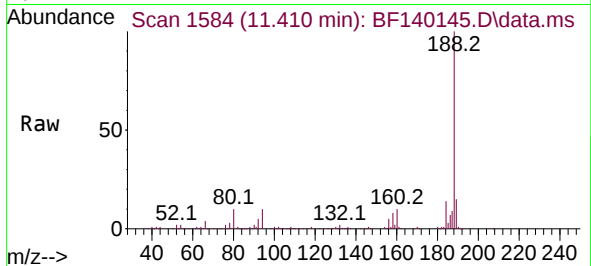




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

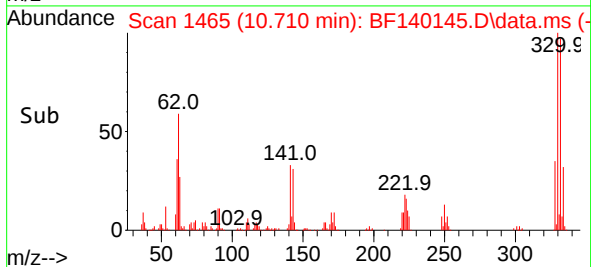
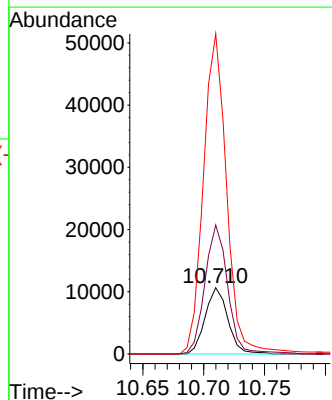
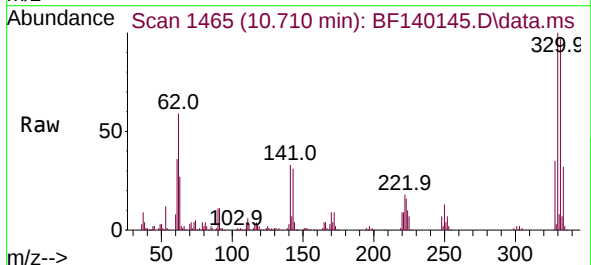
Instrument :
BNA_F
ClientSampleId :
BP-F15

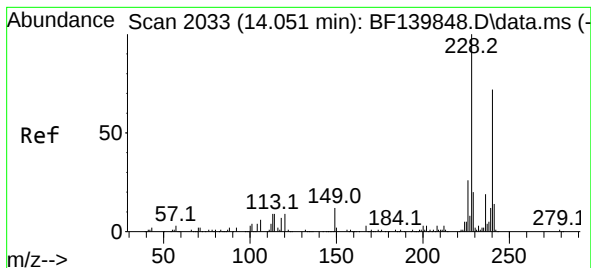
Tgt Ion:188 Resp: 352533
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.3 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 3.790 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Tgt Ion:248 Resp: 13765
Ion Ratio Lower Upper
248 100
250 194.8 79.0 118.6#
141 483.6 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140145.D

Acq: 30 Oct 2024 06:50

Instrument :

BNA_F

ClientSampleId :

BP-F15

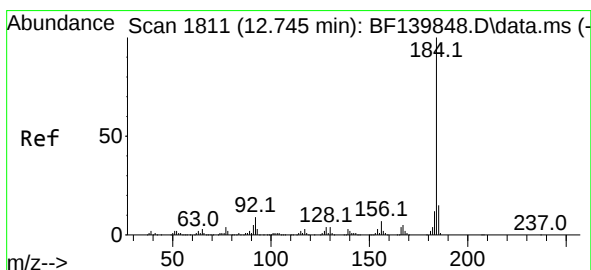
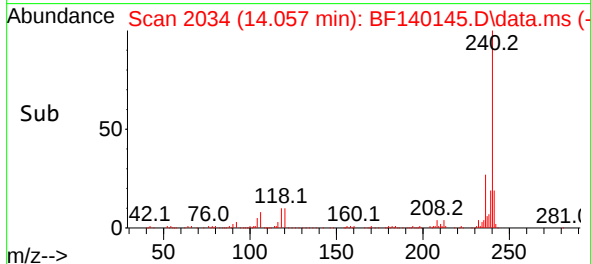
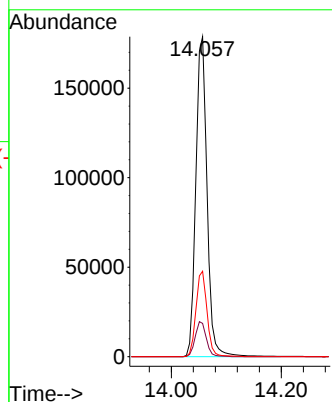
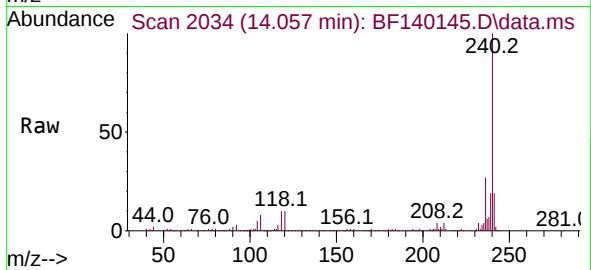
Tgt Ion:240 Resp: 252908

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.7 20.9 31.3



#77

Benzidine

Concen: 3.418 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140145.D

Acq: 30 Oct 2024 06:50

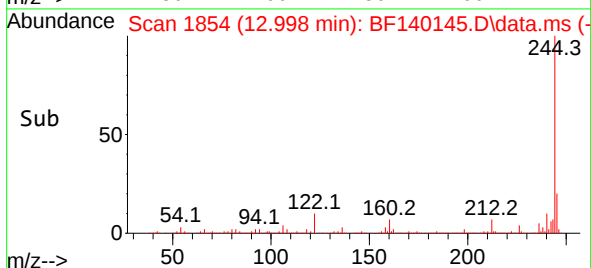
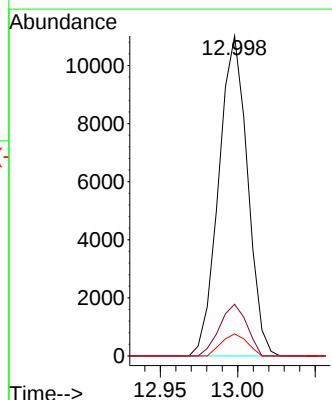
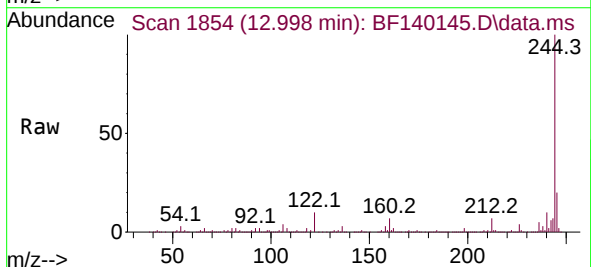
Tgt Ion:184 Resp: 14216

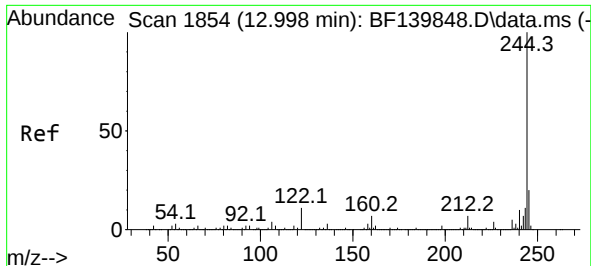
Ion Ratio Lower Upper

184 100

185 16.1 12.0 18.0

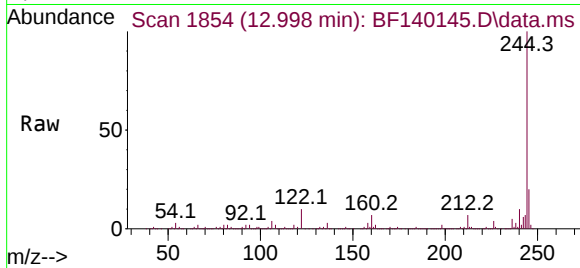
183 6.9 9.4 14.2#



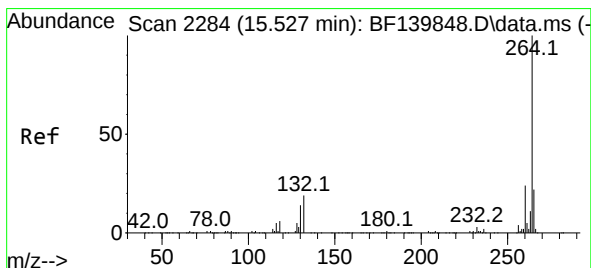
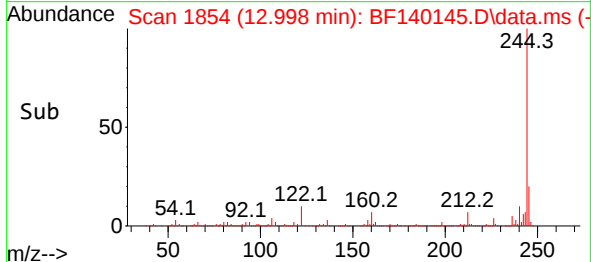
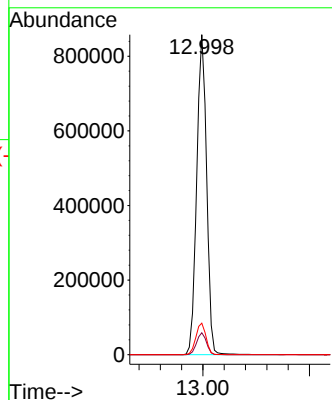


#79
Terphenyl-d14
Concen: 71.279 ng
RT: 12.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Instrument :
BNA_F
ClientSampleId :
BP-F15



Tgt Ion:244 Resp: 1106310
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.9 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2289
Delta R.T. 0.030 min
Lab File: BF140145.D
Acq: 30 Oct 2024 06:50

Tgt Ion:264 Resp: 196340
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 20.8 17.4 26.0

