

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140003.D
 Acq On : 24 Oct 2024 16:19
 Operator : RC/JU
 Sample : P4489-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2675DL

Quant Time: Oct 24 16:41:42 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	6.892	152	109028	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	243975	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	153212	20.000	ng	0.01
64) Phenanthrene-d10	11.422	188	215554	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	253845	20.000	ng	0.00
86) Perylene-d12	15.527	264	319967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	153316	22.014	ng	0.00
7) Phenol-d6	6.498	99	196622	21.798	ng	-0.01
23) Nitrobenzene-d5	7.445	82	200032	45.441	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	26512	18.500	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	171685	18.520	ng	0.00
79) Terphenyl-d14	12.998	244	164997	10.591	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.451	77	18100	3.567	ng	# 1
18) Hexachloroethane	7.428	117	133777	45.944	ng	# 1
19) n-Nitroso-di-n-propyla...	7.328	70	28310	5.175	ng	# 71
22) Acetophenone	7.286	105	332229	55.596	ng	# 37
24) Nitrobenzene	7.463	77	15816	3.277	ng	# 40
25) Isophorone	7.710	82	180971	21.660	ng	# 1
26) 2-Nitrophenol	7.798	139	10222	5.614	ng	# 1
27) 2,4-Dimethylphenol	7.839	122	6784	2.235	ng	# 1
28) bis(2-Chloroethoxy)met...	7.939	93	18431	3.641	ng	# 1
29) 2,4-Dichlorophenol	8.016	162	13004	3.760	ng	# 1
31) Naphthalene	8.198	128	187677	14.915	ng	# 68
32) Benzoic acid	7.975	122	8493	3.207	ng	# 1
33) 4-Chloroaniline	8.292	127	16443	3.832	ng	# 37
35) Caprolactam	8.604	113	122420	111.336	ng	# 1
36) 4-Chloro-3-methylphenol	8.733	107	17626	4.603	ng	# 44
37) 2-Methylnaphthalene	8.892	142	285282	37.020	ng	98
38) 1-Methylnaphthalene	8.992	142	179426	23.732	ng	93
43) 2,4,6-Trichlorophenol	9.169	196	8045	2.749	ng	# 16
44) 2,4,5-Trichlorophenol	9.169	196	8045	2.665	ng	# 1
46) 1,1'-Biphenyl	9.357	154	75852	7.112	ng	99
48) 2-Nitroaniline	9.510	65	19036	7.245	ng	# 51
51) 2,6-Dinitrotoluene	9.704	165	6970	3.373	ng	# 70
53) 3-Nitroaniline	9.922	138	16023	7.520	ng	# 48
54) 2,4-Dinitrophenol	9.975	184	486	7.048	ng	# 1
56) 4-Nitrophenol	10.045	139	14227	8.678	ng	# 1
58) Fluorene	10.486	166	31702	3.611	ng	# 8
60) Diethylphthalate	10.351	149	26308	2.808	ng	# 50
63) Azobenzene	10.645	77	32455	3.267	ng	# 1
66) n-Nitrosodiphenylamine	10.598	169	76791	11.903	ng	# 60
69) Atrazine	11.122	200	7301	4.178	ng	# 69
71) Phenanthrene	11.445	178	36501	3.585	ng	# 49
72) Anthracene	11.539	178	31527	3.174	ng	# 1
75) Fluoranthene	12.863	202	66477	6.458	ng	87
78) Pyrene	12.863	202	66477	2.992	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.033	149	41168	5.508	ng	# 94

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Acq On : 24 Oct 2024 16:19
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Misc :
ALS Vial : 4 Sample Multiplier: 1

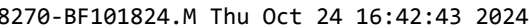
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

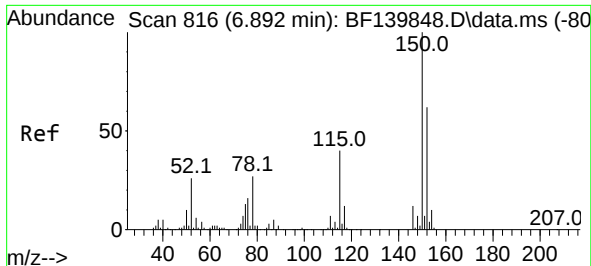
Quant Time: Oct 24 16:41:42 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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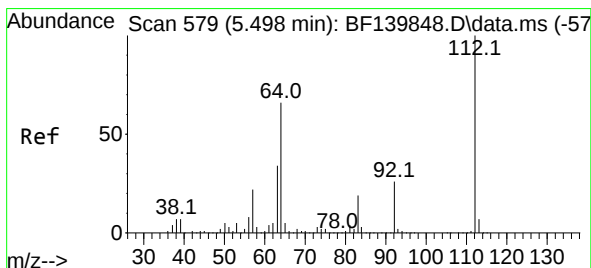
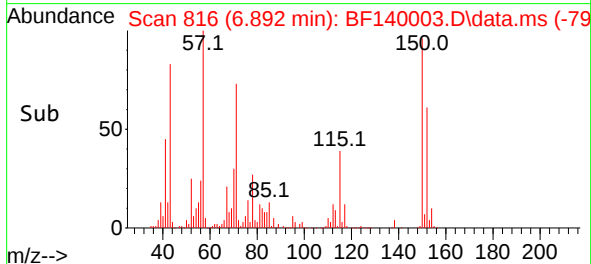
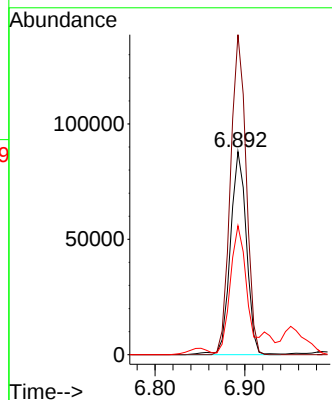
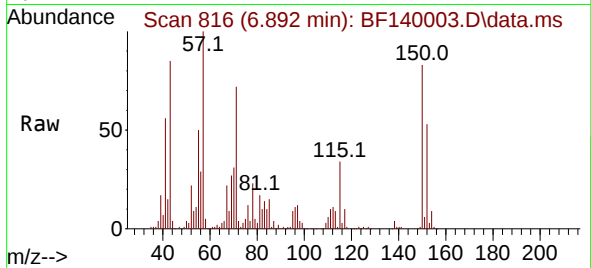




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

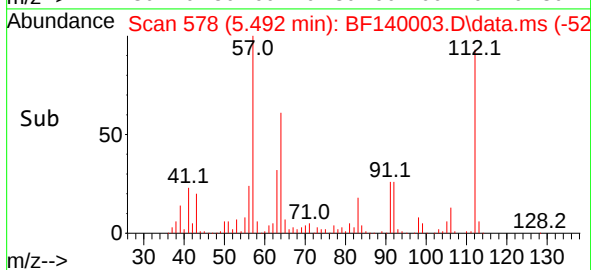
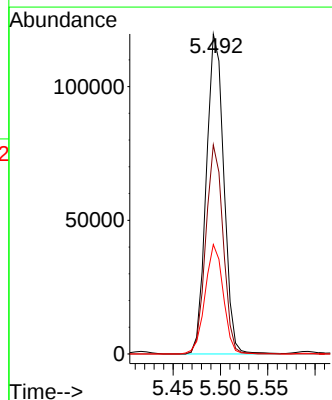
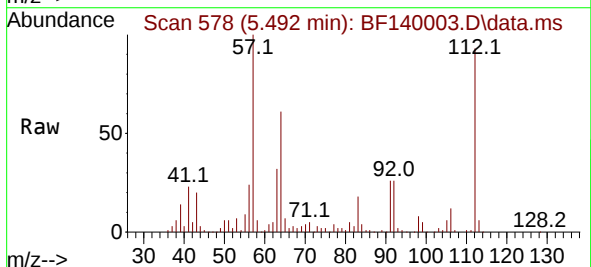
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

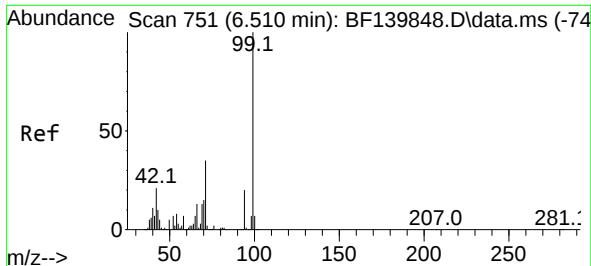
Tgt Ion:152 Resp: 109028
Ion Ratio Lower Upper
152 100
150 157.6 130.2 195.2
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 22.014 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:112 Resp: 153316
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 34.2 27.0 40.4





#7

Phenol-d6

Concen: 21.798 ng

RT: 6.498 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

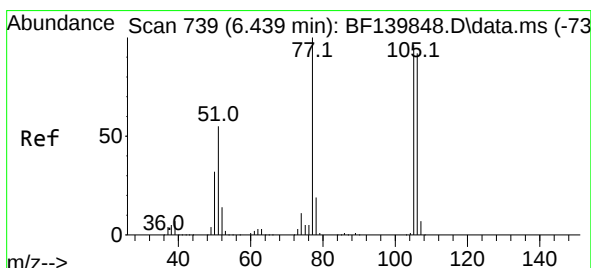
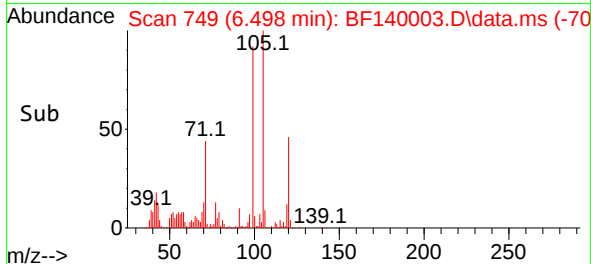
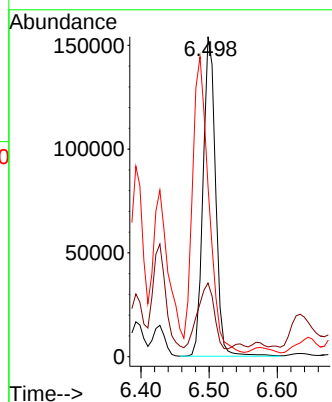
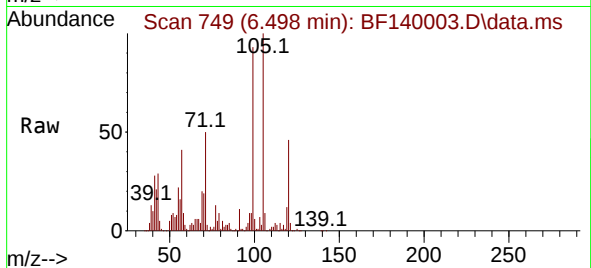
Tgt Ion: 99 Resp: 196622

Ion Ratio Lower Upper

99 100

42 23.0 16.7 25.1

71 53.1 27.7 41.5#



#9

Benzaldehyde

Concen: 3.567 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.012 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

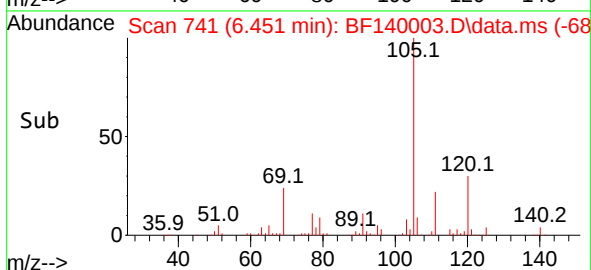
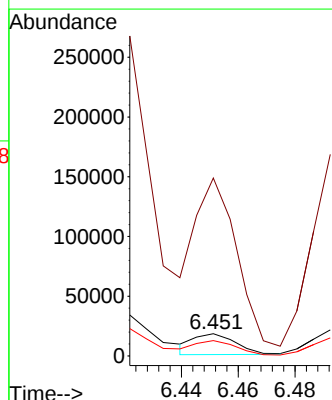
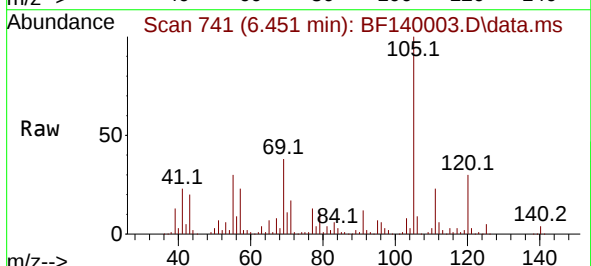
Tgt Ion: 77 Resp: 18100

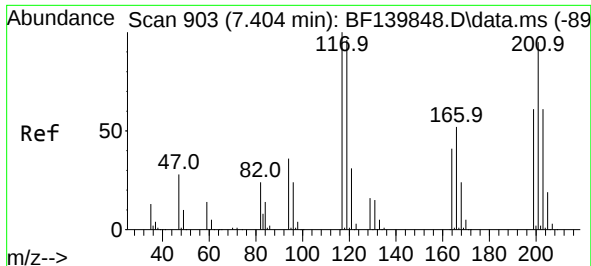
Ion Ratio Lower Upper

77 100

105 799.0 75.5 115.5#

106 68.8 71.7 111.7#

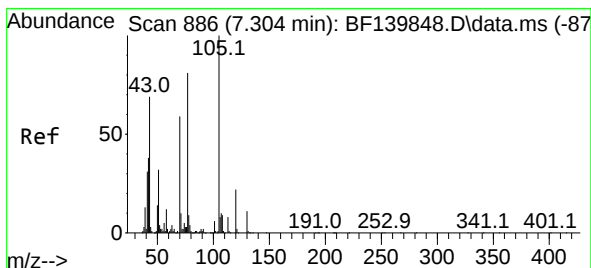
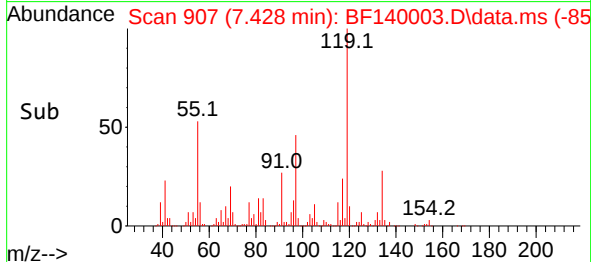
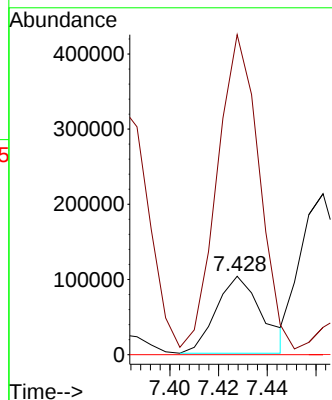
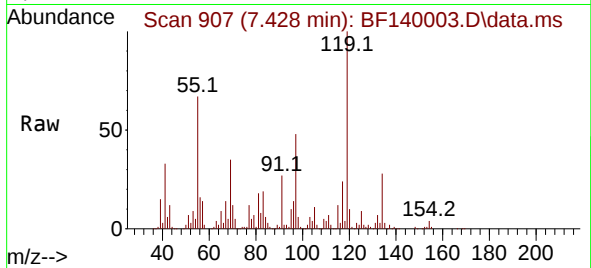




#18
Hexachloroethane
Concen: 45.944 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.024 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

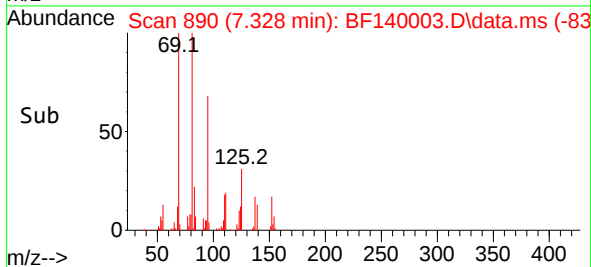
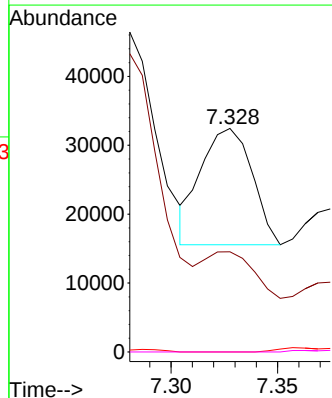
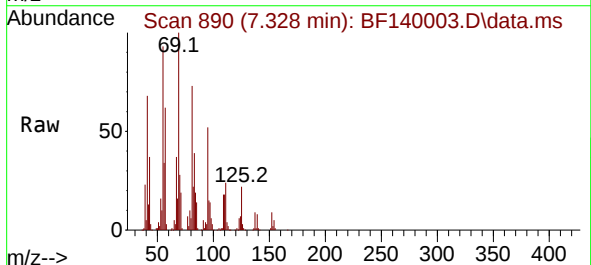
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

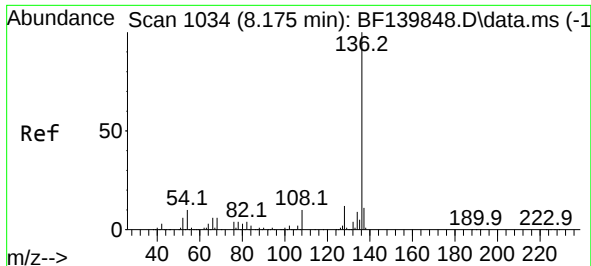
Tgt Ion:117 Resp: 133777
Ion Ratio Lower Upper
117 100
119 408.3 77.0 115.4#
201 0.0 76.2 114.4#



#19
n-Nitroso-di-n-propylamine
Concen: 5.175 ng
RT: 7.328 min Scan# 890
Delta R.T. 0.024 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion: 70 Resp: 28310
Ion Ratio Lower Upper
70 100
42 44.8 51.5 77.3#
101 0.0 7.5 11.3#
130 0.0 15.5 23.3#

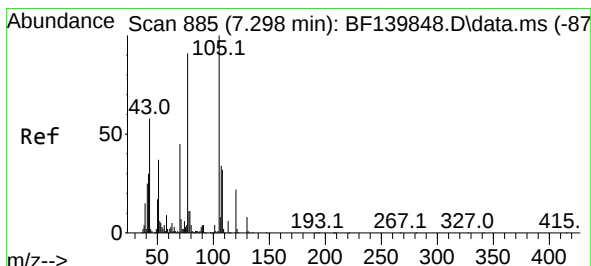
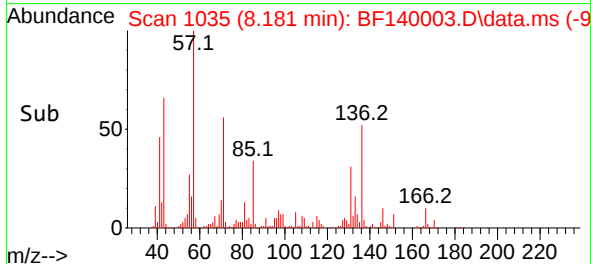
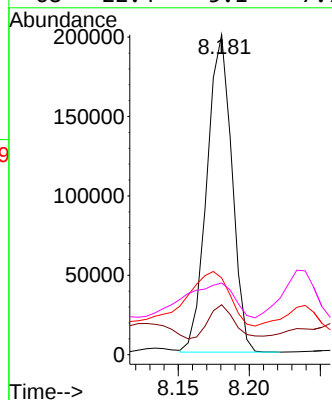
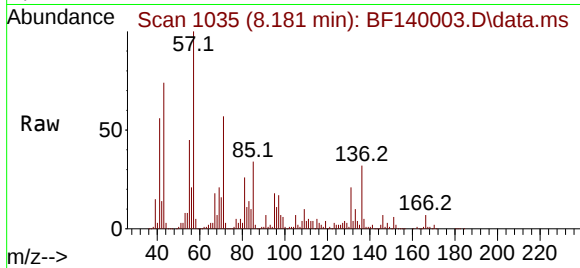




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

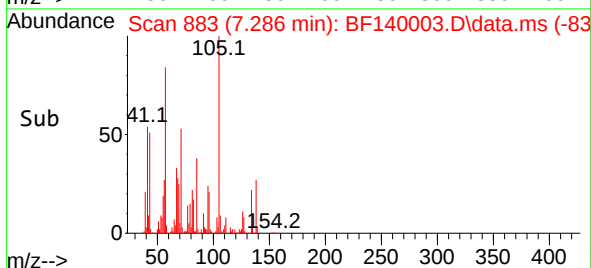
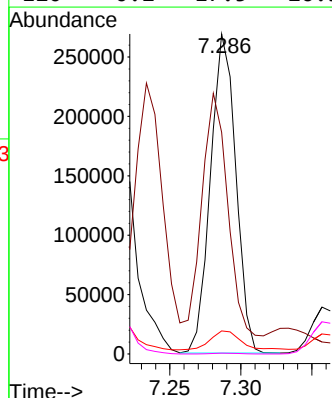
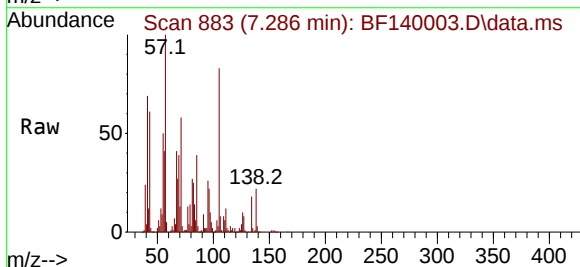
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RT-2675DL

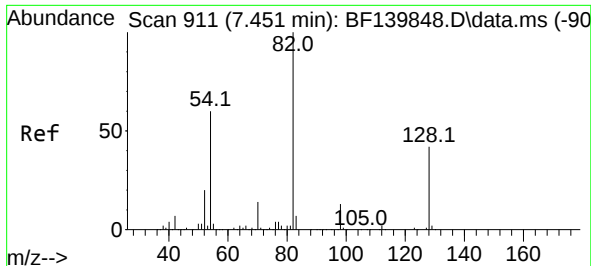
Tgt Ion:136 Resp: 243975
Ion Ratio Lower Upper
136 100
137 15.6 8.6 12.8#
54 24.0 8.4 12.6#
68 22.4 5.1 7.7#



#22
Acetophenone
Concen: 55.596 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:105 Resp: 332229
Ion Ratio Lower Upper
105 100
71 69.3 5.9 8.9#
51 7.2 29.4 44.2#
120 0.2 17.5 26.3#

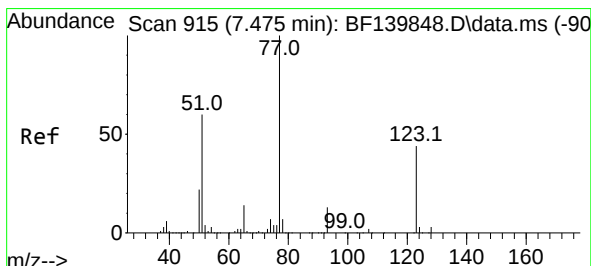
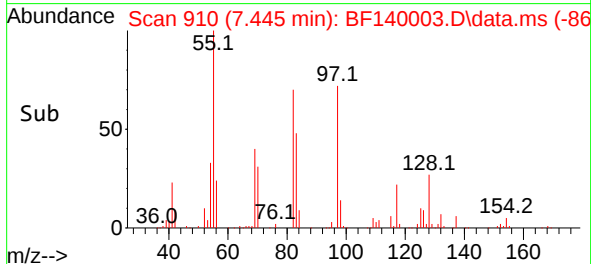
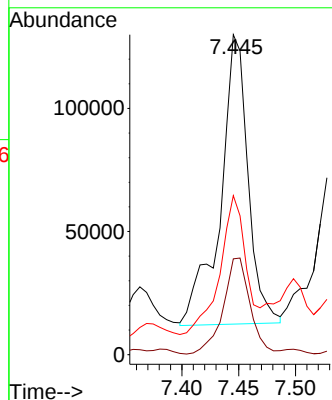
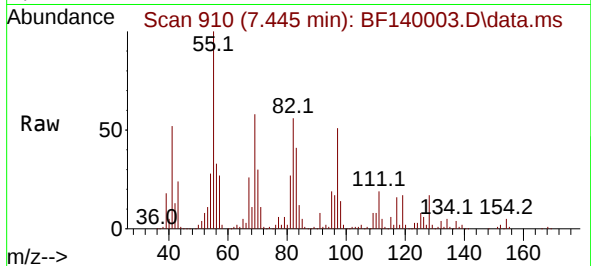




#23
Nitrobenzene-d5
Concen: 45.441 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

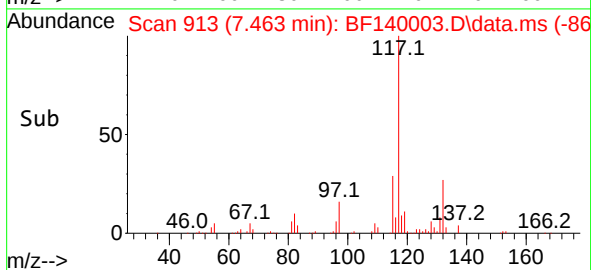
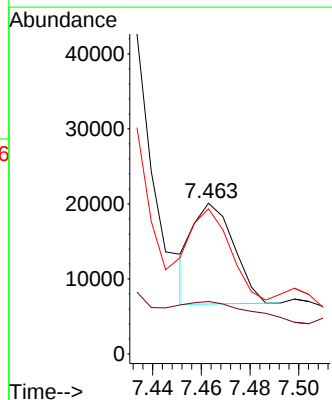
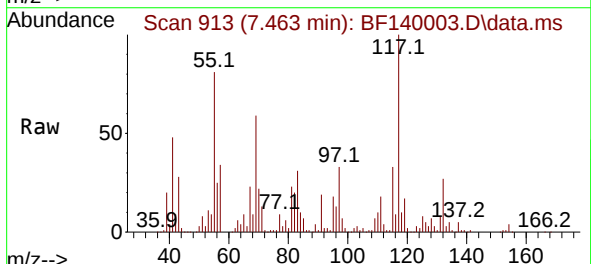
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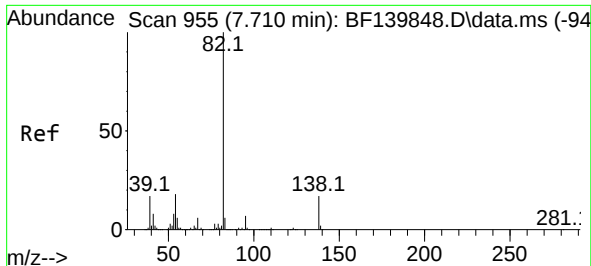
Tgt Ion: 82 Resp: 200032
Ion Ratio Lower Upper
82 100
128 29.9 33.4 50.0#
54 49.7 47.8 71.8



#24
Nitrobenzene
Concen: 3.277 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion: 77 Resp: 15816
Ion Ratio Lower Upper
77 100
123 34.8 35.7 53.5#
65 96.2 11.5 17.3#

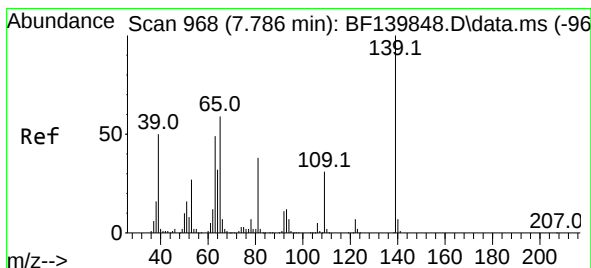
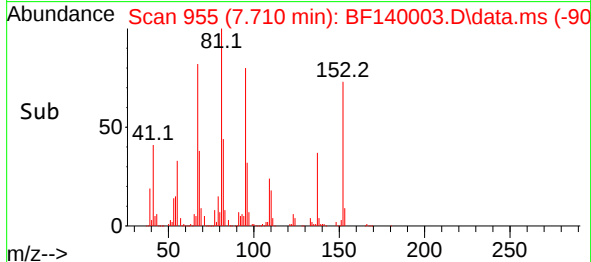
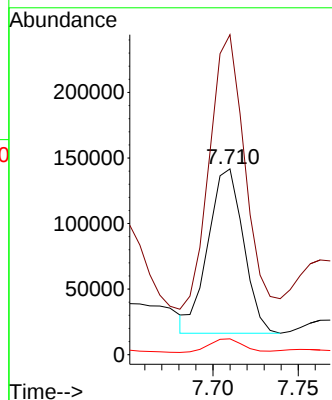
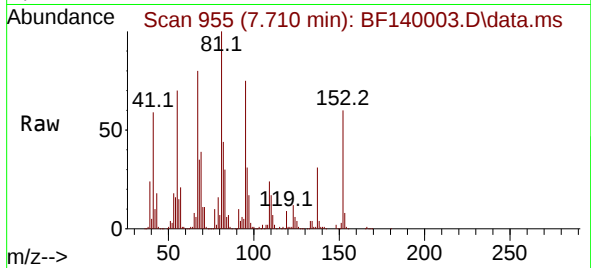




#25
Isophorone
Concen: 21.660 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

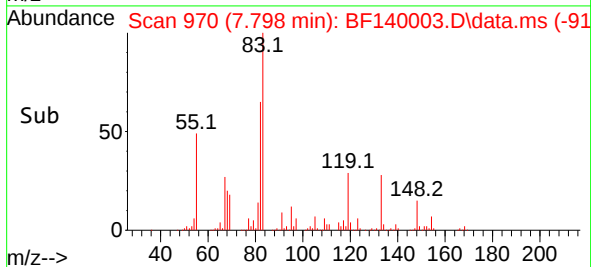
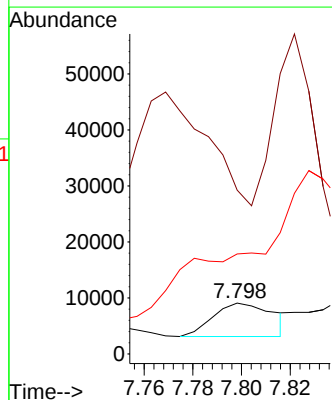
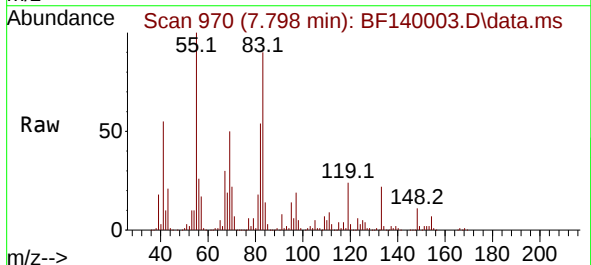
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

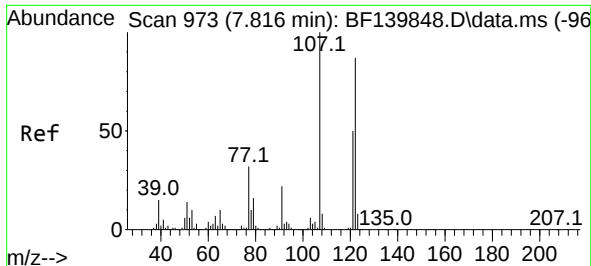
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Ion Ratio Lower Upper
82 100
95 172.3 5.5 8.3#
138 8.6 13.2 19.8#



#26
2-Nitrophenol
Concen: 5.614 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.012 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:139 Resp: 10222
Ion Ratio Lower Upper
139 100
109 321.7 25.1 37.7#
65 196.4 47.5 71.3#

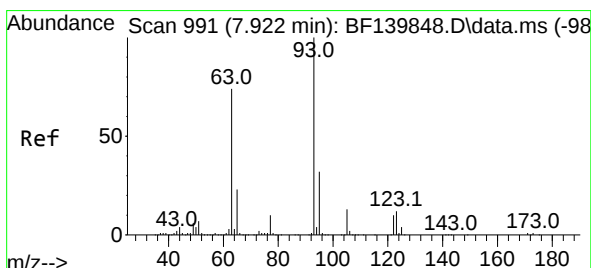
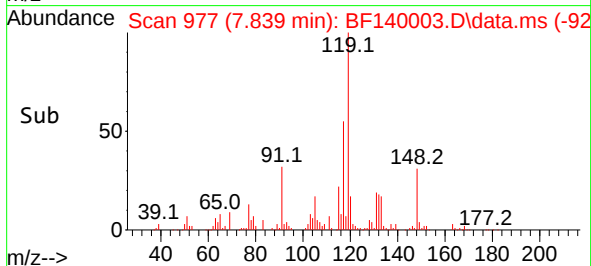
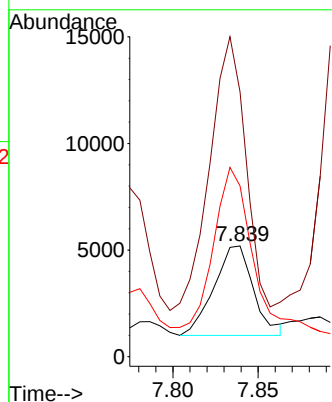
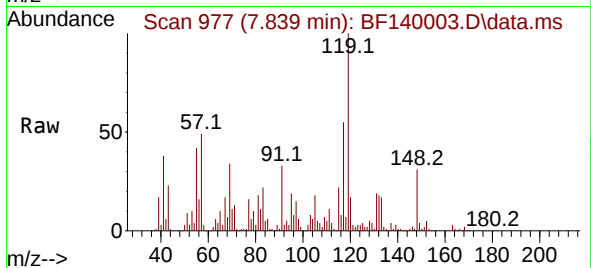




#27
2,4-Dimethylphenol
Concen: 2.235 ng
RT: 7.839 min Scan# 91
Delta R.T. 0.024 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

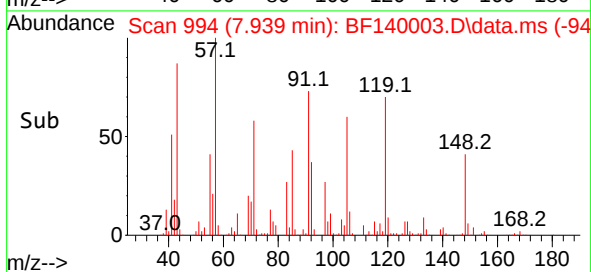
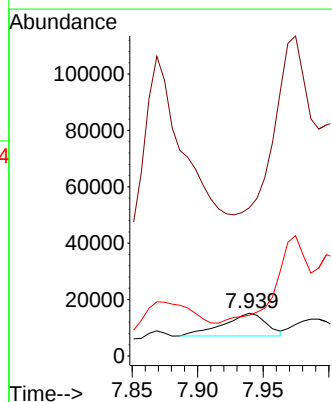
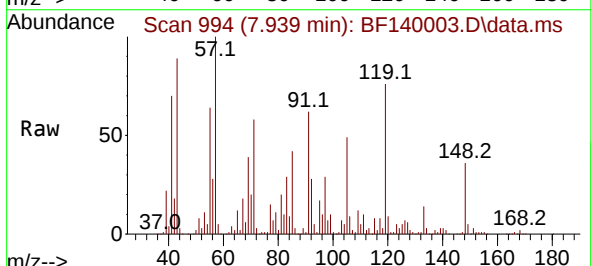
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

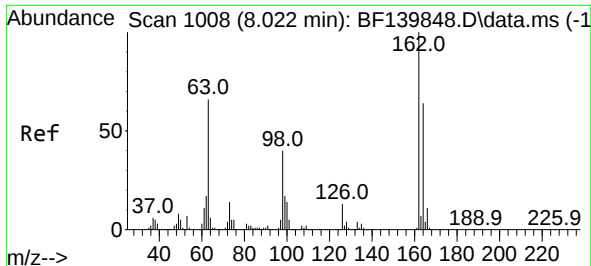
Tgt Ion:122 Resp: 6784
Ion Ratio Lower Upper
122 100
107 239.0 91.9 137.9#
121 154.2 46.2 69.4#



#28
bis(2-Chloroethoxy)methane
Concen: 3.641 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion: 93 Resp: 18431
Ion Ratio Lower Upper
93 100
95 347.3 26.0 39.0#
123 95.5 9.8 14.8#





#29

2,4-Dichlorophenol

Concen: 3.760 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

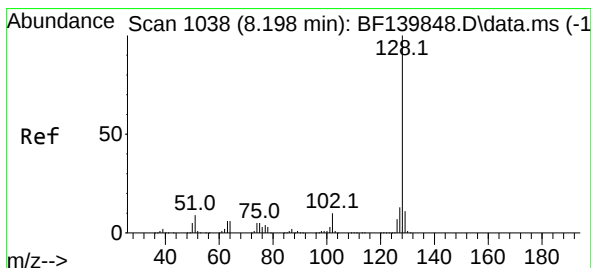
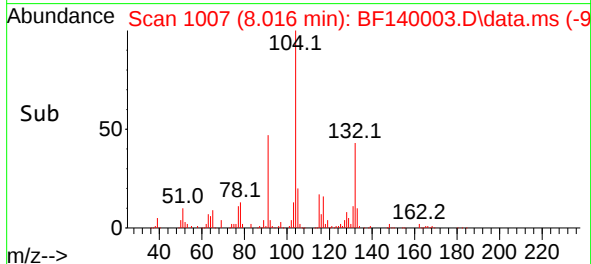
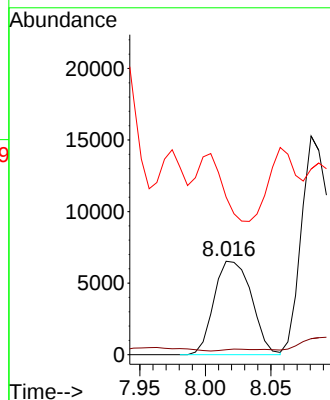
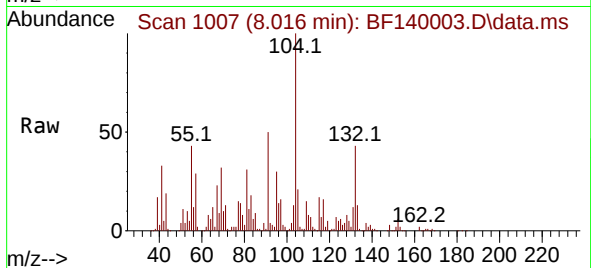
Tgt Ion:162 Resp: 13004

Ion Ratio Lower Upper

162 100

164 5.3 43.9 83.9#

98 168.7 19.9 59.9#



#31

Naphthalene

Concen: 14.915 ng

RT: 8.198 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

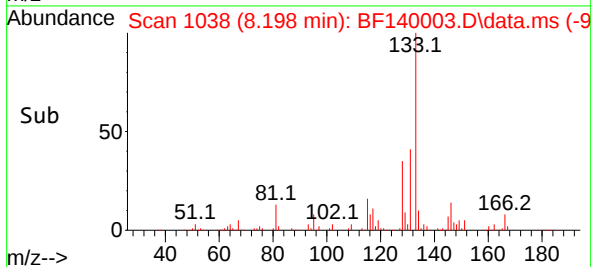
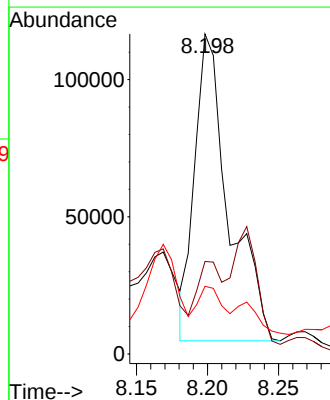
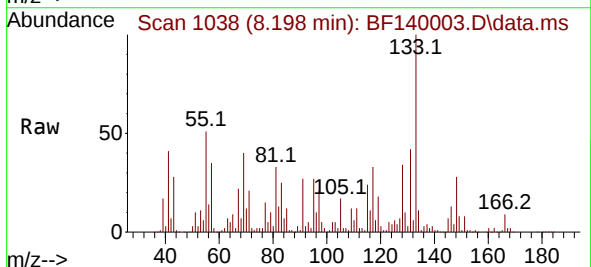
Tgt Ion:128 Resp: 187677

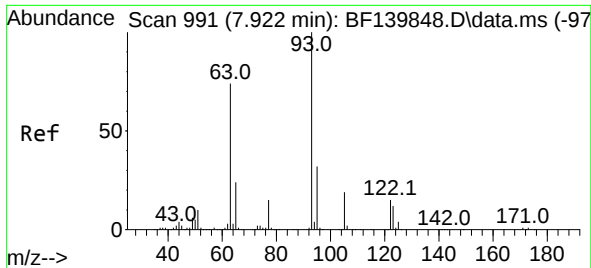
Ion Ratio Lower Upper

128 100

129 28.9 8.9 13.3#

127 21.2 10.6 16.0#

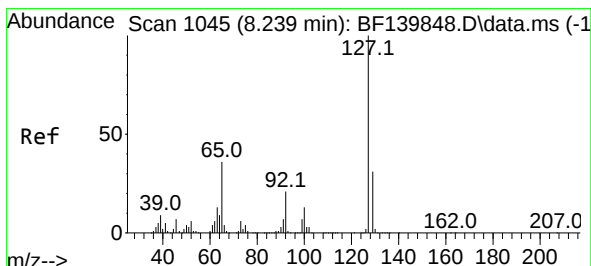
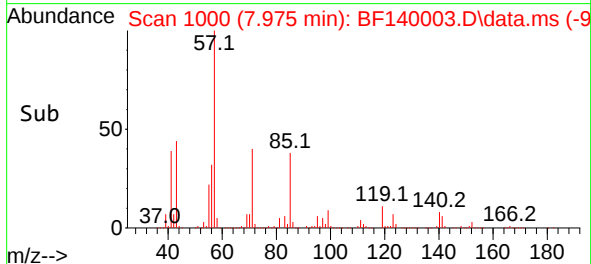
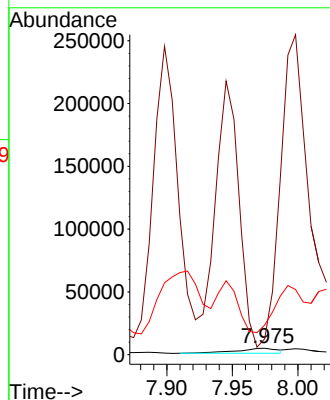
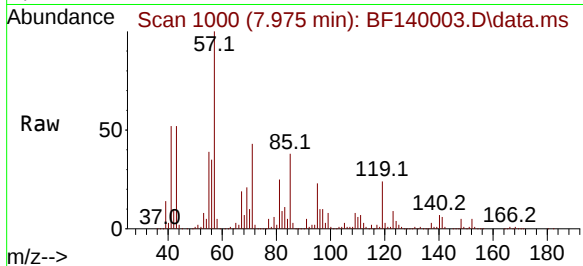




#32
Benzoic acid
Concen: 3.207 ng
RT: 7.975 min Scan# 1000
Delta R.T. 0.053 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

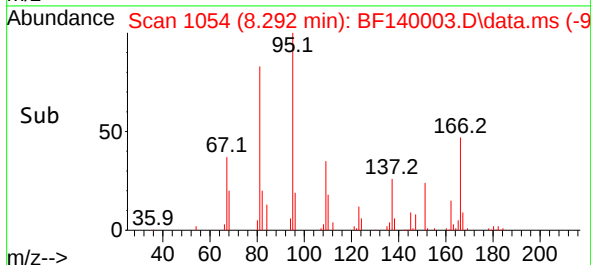
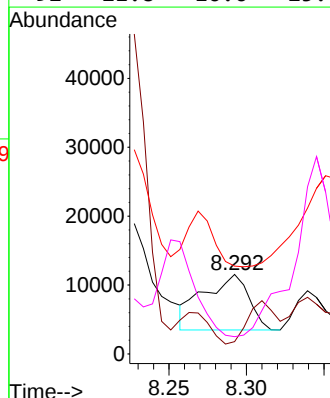
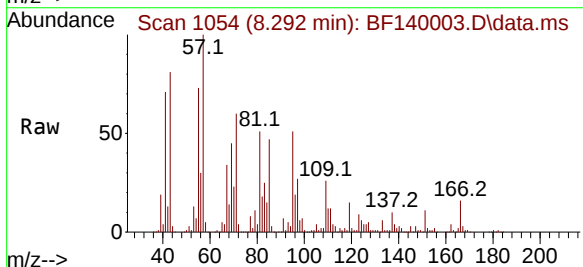
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

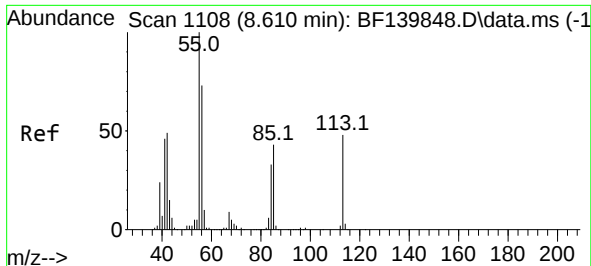
Tgt Ion:122 Resp: 8493
Ion Ratio Lower Upper
122 100
105 248.0 107.6 147.6#
77 464.1 80.2 120.2#



#33
4-Chloroaniline
Concen: 3.832 ng
RT: 8.292 min Scan# 1054
Delta R.T. 0.053 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:127 Resp: 16443
Ion Ratio Lower Upper
127 100
129 15.5 25.4 38.2#
65 110.4 28.4 42.6#
92 21.8 16.6 25.0

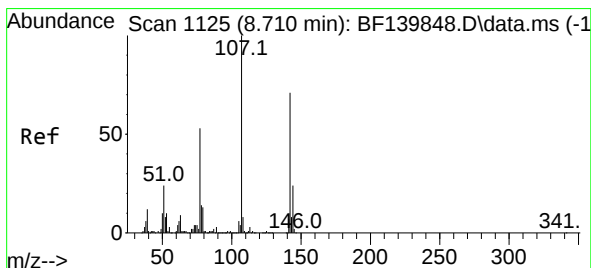
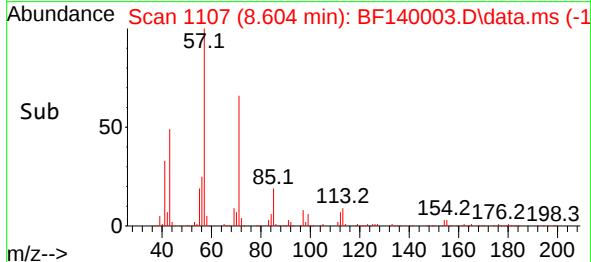
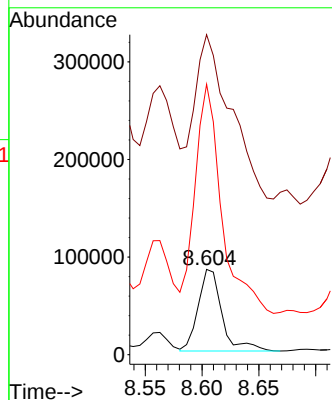
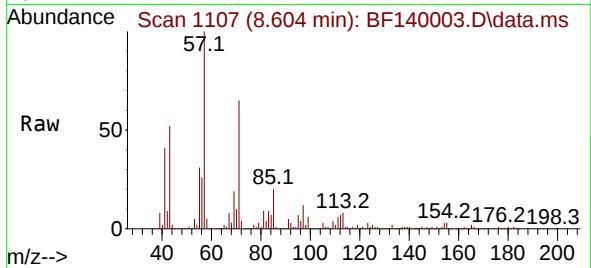




#35
Caprolactam
Concen: 111.336 ng
RT: 8.604 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

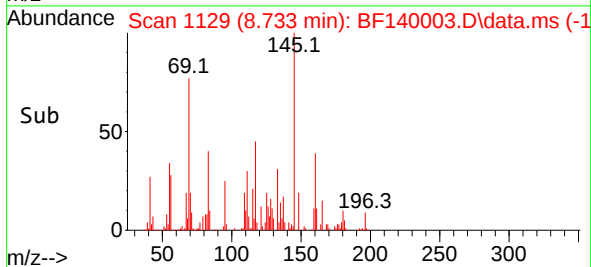
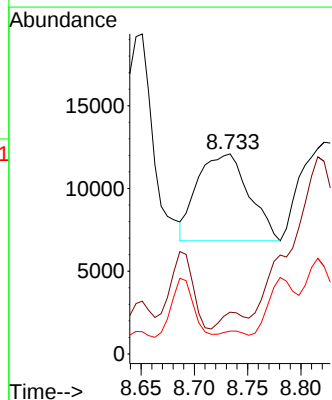
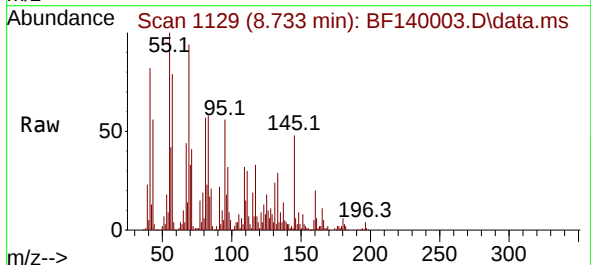
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

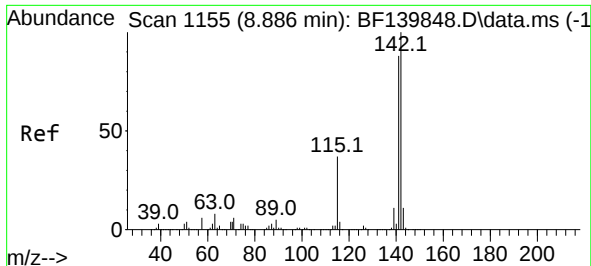
Tgt Ion:113 Resp: 122420
Ion Ratio Lower Upper
113 100
55 375.3 189.2 229.2#
56 317.1 132.5 172.5#



#36
4-Chloro-3-methylphenol
Concen: 4.603 ng
RT: 8.733 min Scan# 1129
Delta R.T. 0.024 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:107 Resp: 17626
Ion Ratio Lower Upper
107 100
144 20.9 19.1 28.7
142 11.5 57.2 85.8#

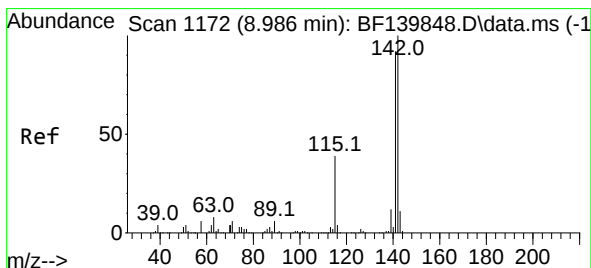
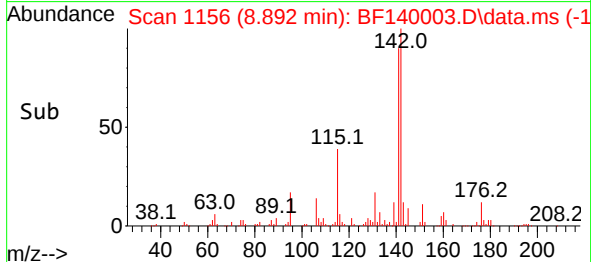
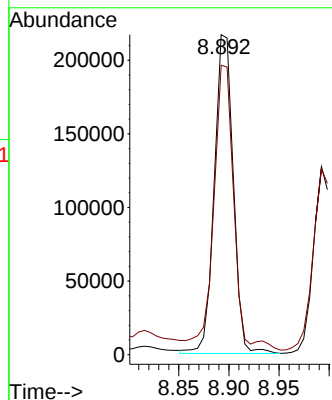
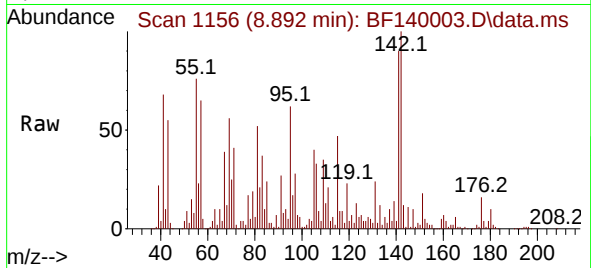




#37
2-Methylnaphthalene
Concen: 37.020 ng
RT: 8.892 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

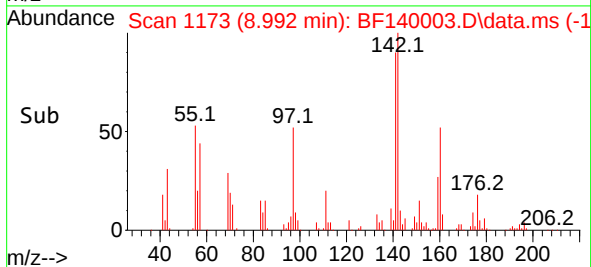
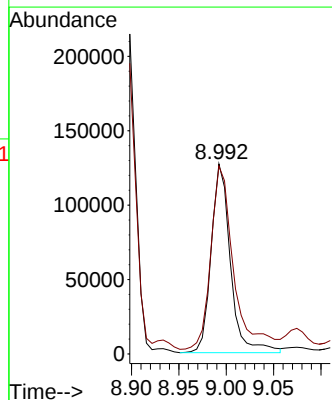
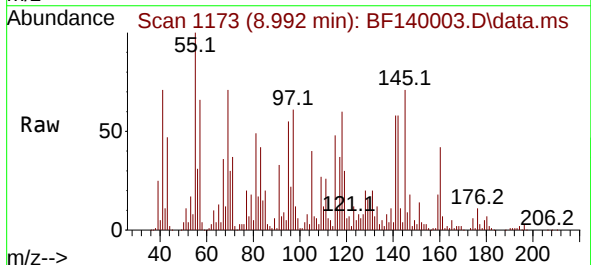
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

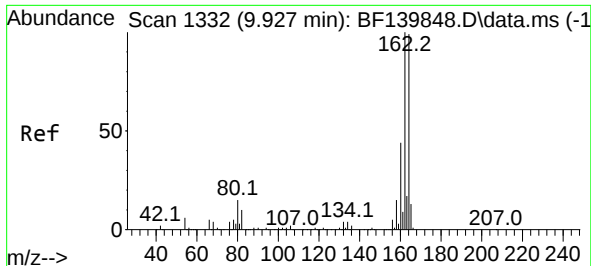
Tgt Ion:142 Resp: 285282
Ion Ratio Lower Upper
142 100
141 90.5 70.8 106.2



#38
1-Methylnaphthalene
Concen: 23.732 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:142 Resp: 179426
Ion Ratio Lower Upper
142 100
141 98.8 73.5 110.3

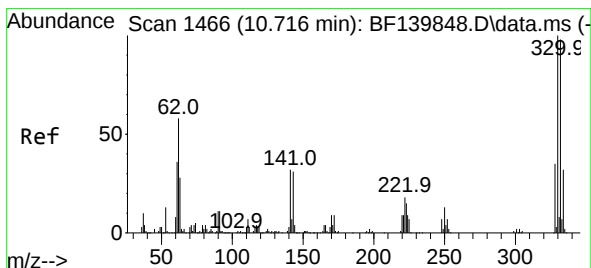
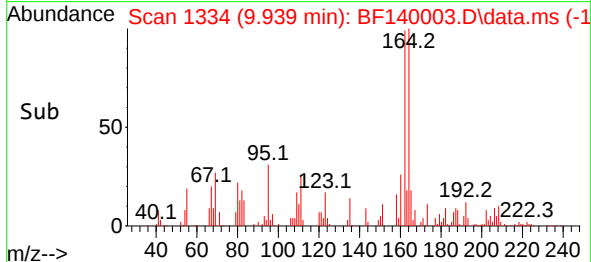
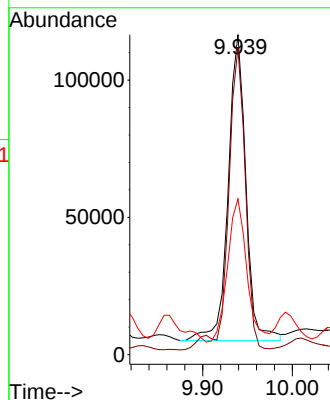
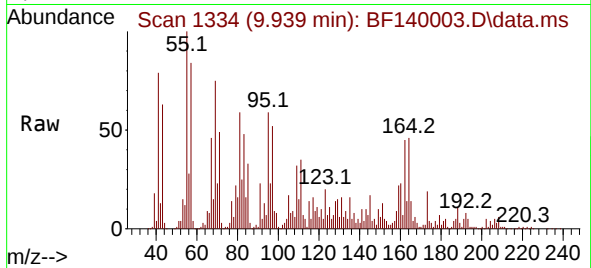




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

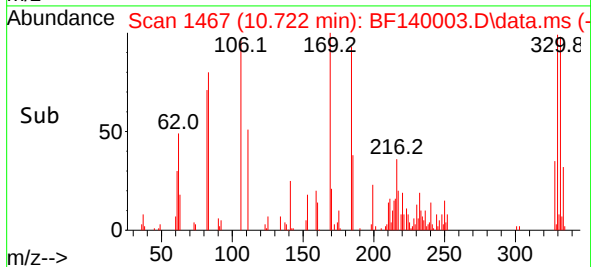
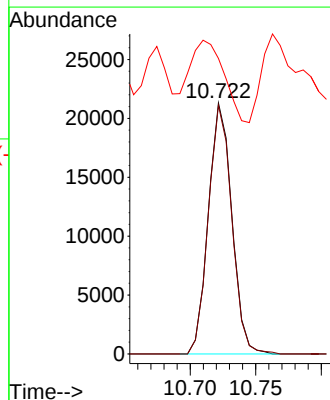
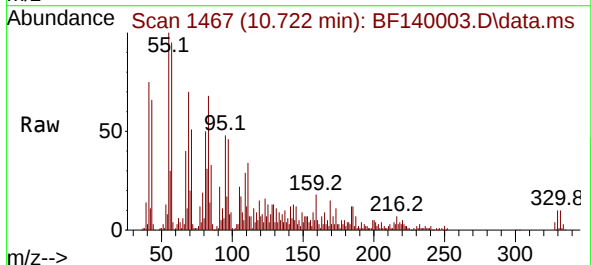
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

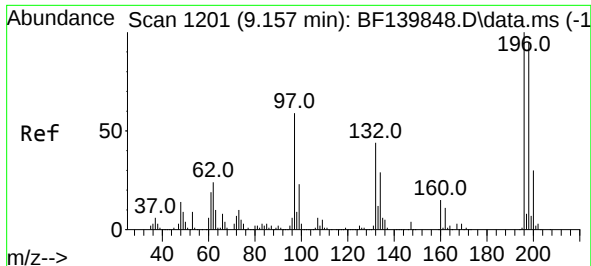
Tgt Ion:164 Resp: 153212
Ion Ratio Lower Upper
164 100
162 96.0 81.0 121.4
160 48.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 18.500 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:330 Resp: 26512
Ion Ratio Lower Upper
330 100
332 98.9 78.1 117.1
141 46.7 26.6 39.8#





#43

2,4,6-Trichlorophenol

Concen: 2.749 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.012 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

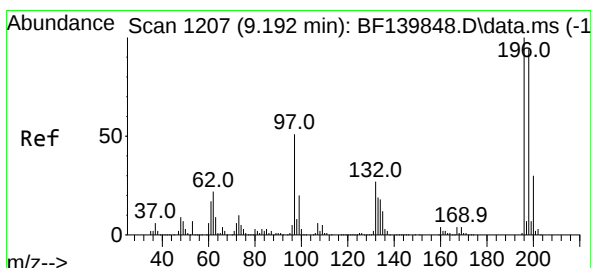
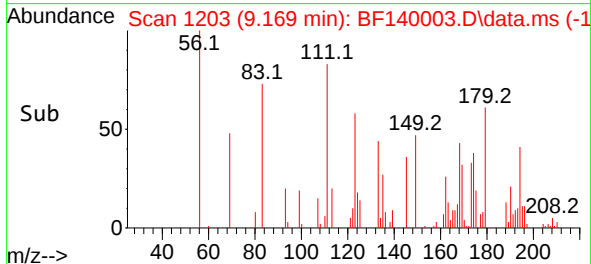
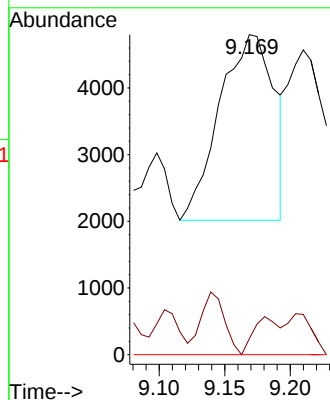
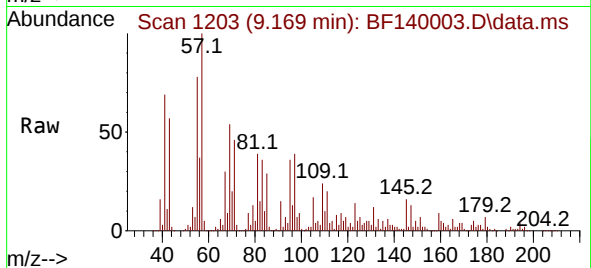
Tgt Ion:196 Resp: 8045

Ion Ratio Lower Upper

196 100

198 5.0 76.2 114.2#

200 0.0 24.0 36.0#



#44

2,4,5-Trichlorophenol

Concen: 2.665 ng

RT: 9.169 min Scan# 1203

Delta R.T. -0.023 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Tgt Ion:196 Resp: 8045

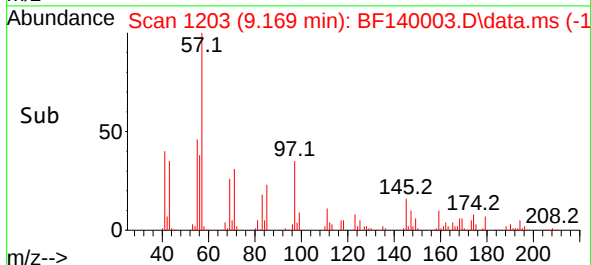
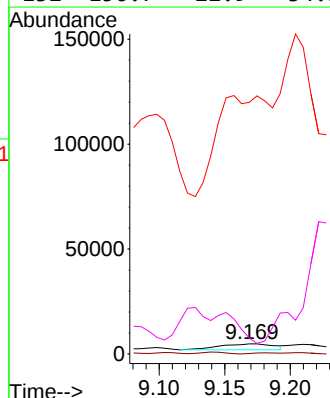
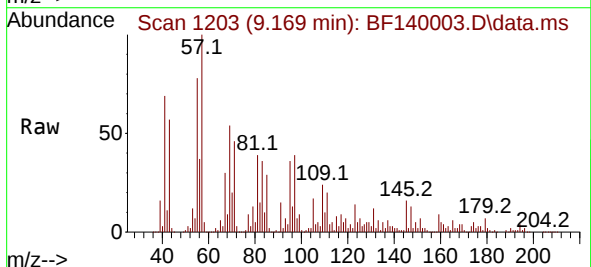
Ion Ratio Lower Upper

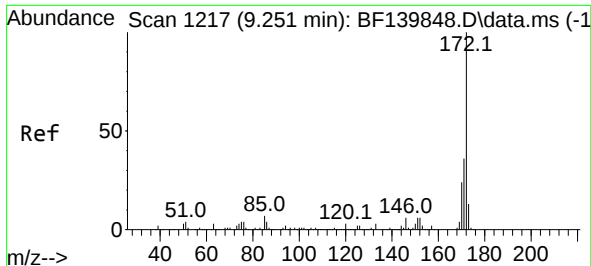
196 100

198 5.0 75.8 113.6#

97 2500.4 41.8 62.6#

132 156.7 22.9 34.3#





#45

2-Fluorobiphenyl

Concen: 18.520 ng

RT: 9.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

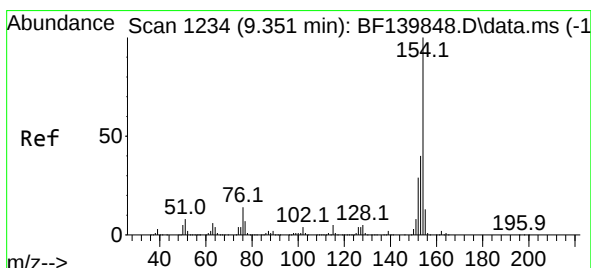
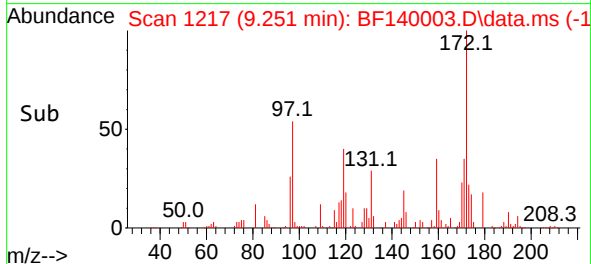
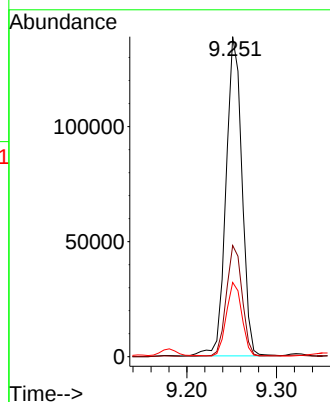
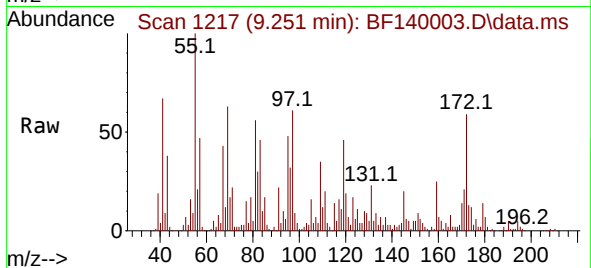
Tgt Ion:172 Resp: 171685

Ion Ratio Lower Upper

172 100

171 34.7 28.6 43.0

170 23.2 19.1 28.7



#46

1,1'-Biphenyl

Concen: 7.112 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.006 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

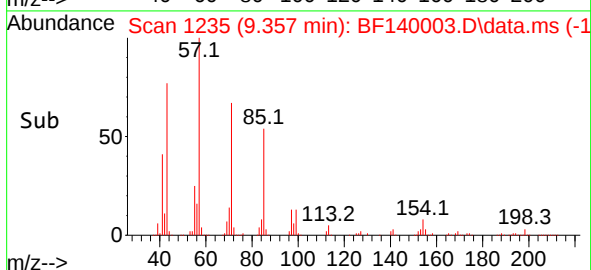
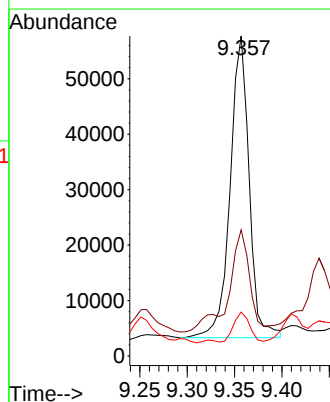
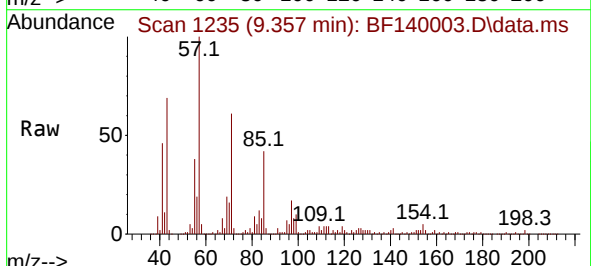
Tgt Ion:154 Resp: 75852

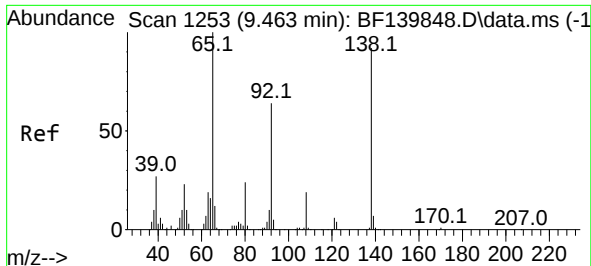
Ion Ratio Lower Upper

154 100

153 39.4 20.3 60.3

76 13.7 0.0 33.9





#48

2-Nitroaniline

Concen: 7.245 ng

RT: 9.510 min Scan# 1

Delta R.T. 0.047 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

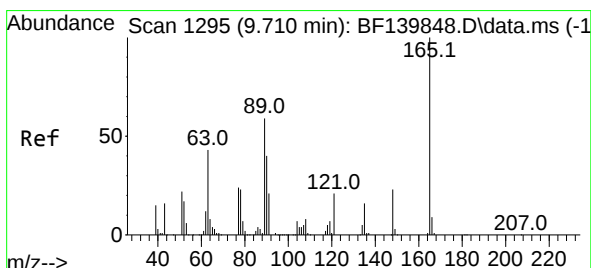
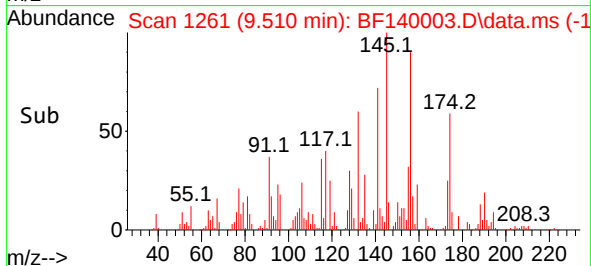
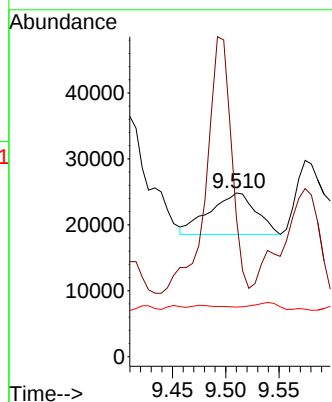
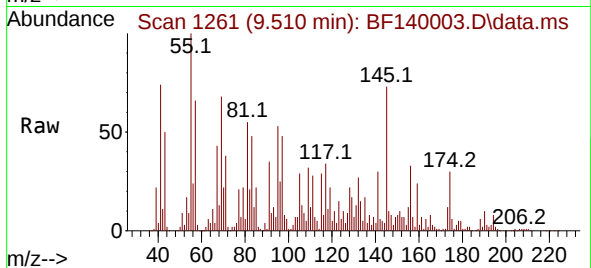
Tgt Ion: 65 Resp: 19036

Ion Ratio Lower Upper

65 100

92 85.2 50.9 76.3#

138 30.3 73.4 110.0#



#51

2,6-Dinitrotoluene

Concen: 3.373 ng

RT: 9.704 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

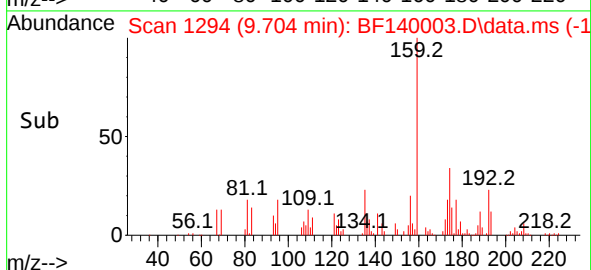
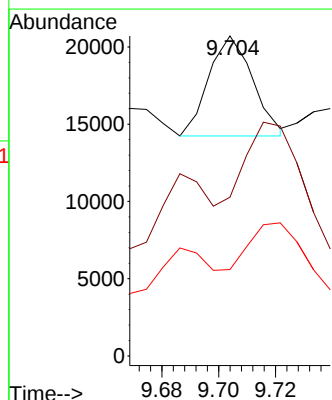
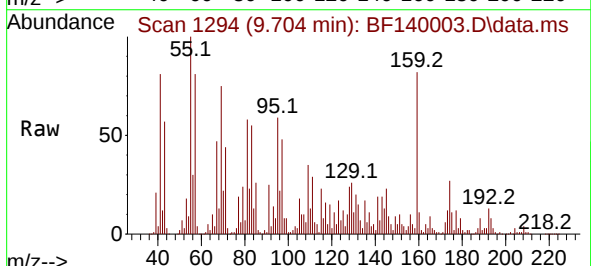
Tgt Ion: 165 Resp: 6970

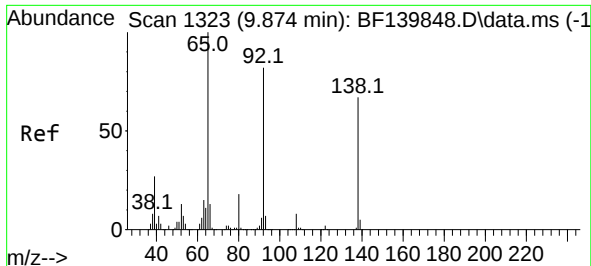
Ion Ratio Lower Upper

165 100

63 49.6 50.6 75.8#

89 27.0 47.5 71.3#

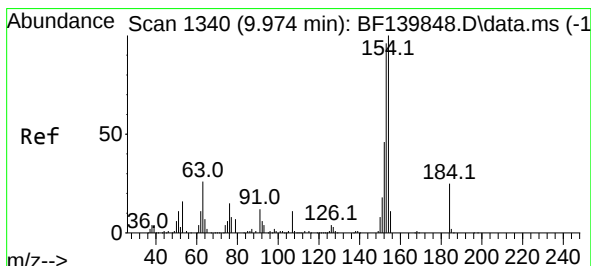
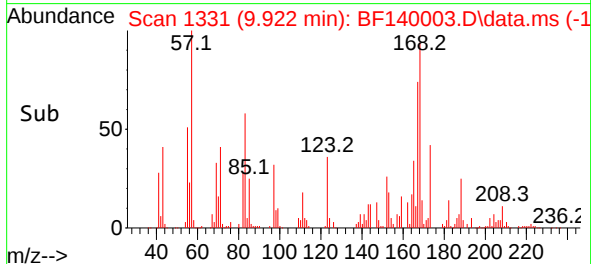
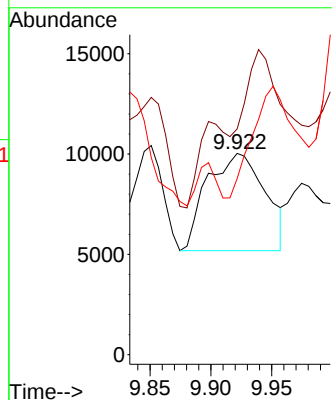
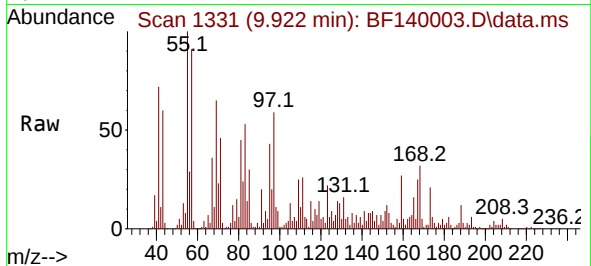




#53
3-Nitroaniline
Concen: 7.520 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

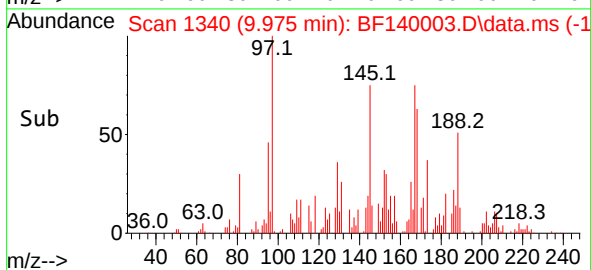
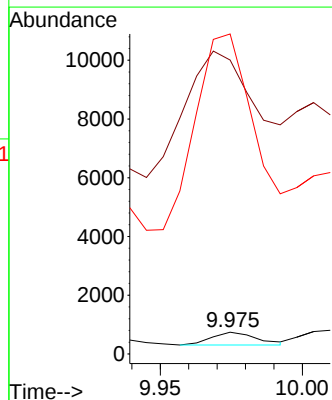
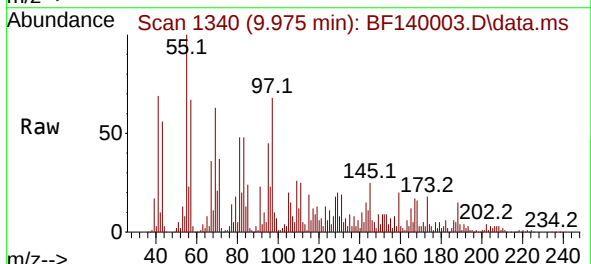
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

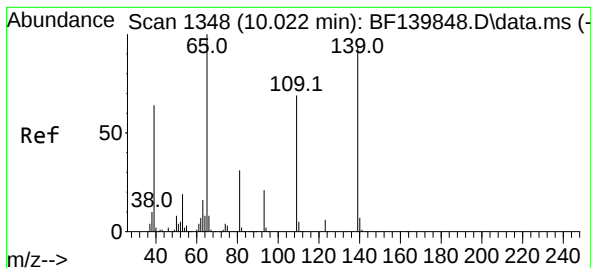
Tgt Ion:138 Resp: 16023
Ion Ratio Lower Upper
138 100
108 112.2 10.2 15.2#
92 87.5 98.3 147.5#



#54
2,4-Dinitrophenol
Concen: 7.048 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.001 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:184 Resp: 486
Ion Ratio Lower Upper
184 100
63 1352.2 84.7 127.1#
154 1472.4 338.2 507.2#

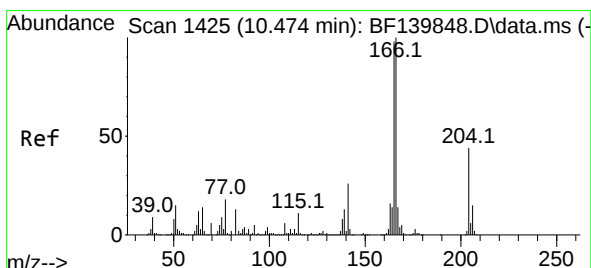
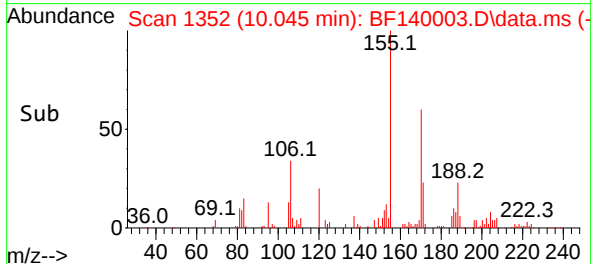
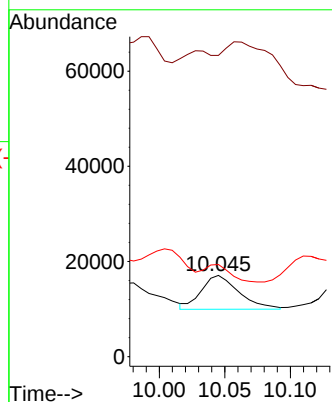
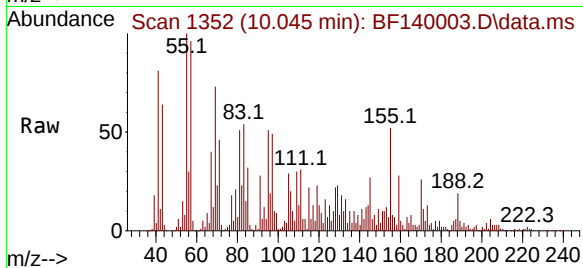




#56
4-Nitrophenol
Concen: 8.678 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

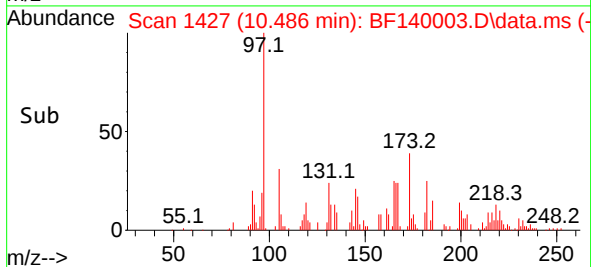
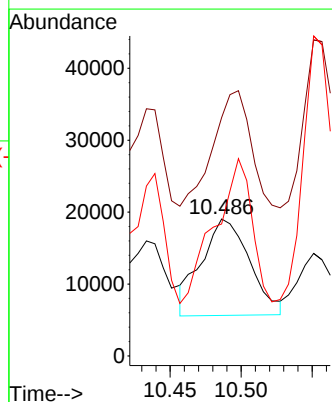
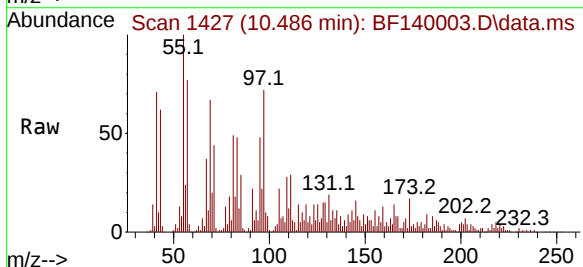
Instrument :
BNA_F
ClientSampleId :
RT-2675DL

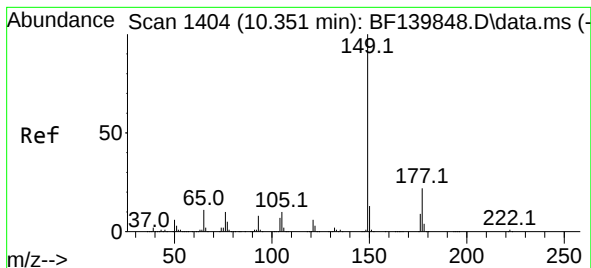
Tgt Ion:139 Resp: 14227
Ion Ratio Lower Upper
139 100
109 370.9 53.6 93.6#
65 113.4 87.8 127.8



#58
Fluorene
Concen: 3.611 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BF140003.D
Acq: 24 Oct 2024 16:19

Tgt Ion:166 Resp: 31702
Ion Ratio Lower Upper
166 100
165 173.9 78.5 117.7#
167 96.3 10.9 16.3#





#60

Diethylphthalate

Concen: 2.808 ng

RT: 10.351 min Scan# 1404

Delta R.T. 0.000 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

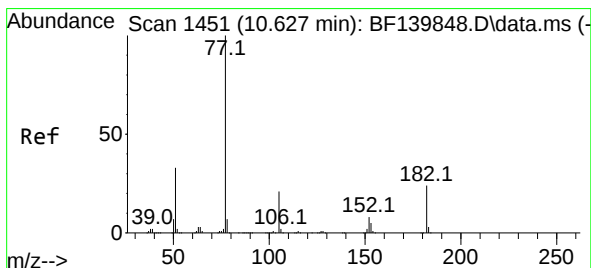
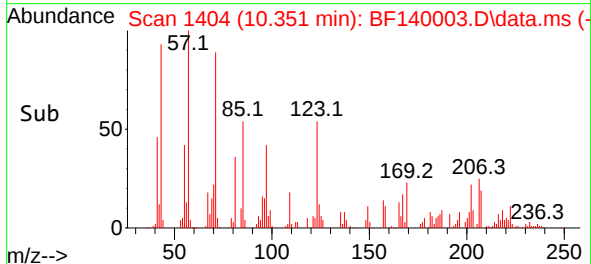
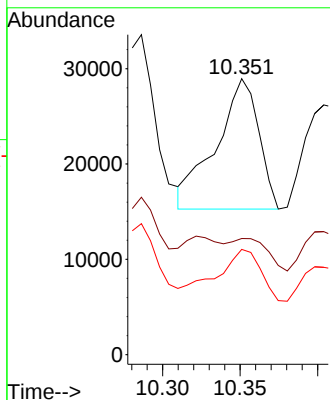
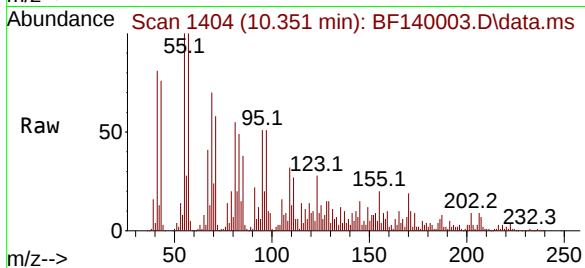
Tgt Ion:149 Resp: 26308

Ion Ratio Lower Upper

149 100

177 42.1 17.9 26.9#

150 38.1 10.1 15.1#



#63

Azobenzene

Concen: 3.267 ng

RT: 10.645 min Scan# 1454

Delta R.T. 0.018 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Tgt Ion: 77 Resp: 32455

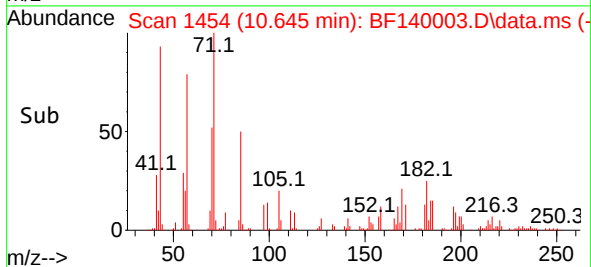
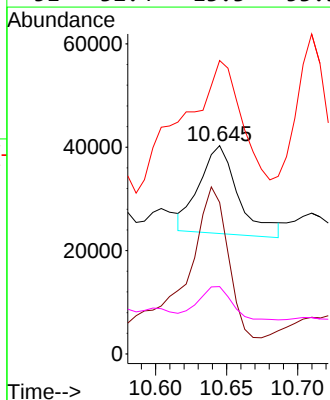
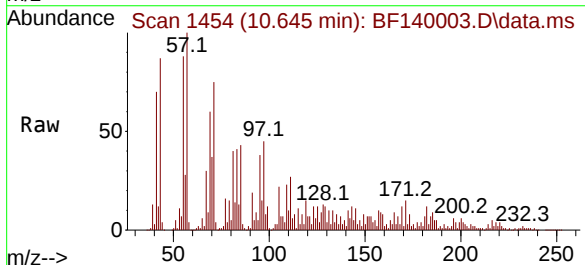
Ion Ratio Lower Upper

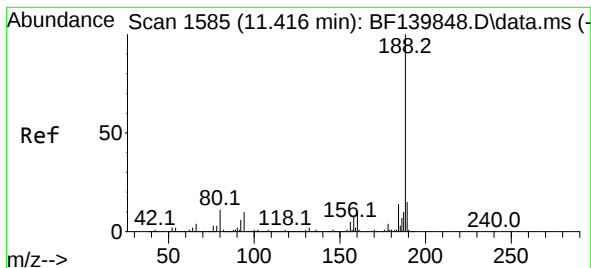
77 100

182 72.7 3.3 43.3#

105 140.9 1.2 41.2#

51 32.4 13.3 53.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

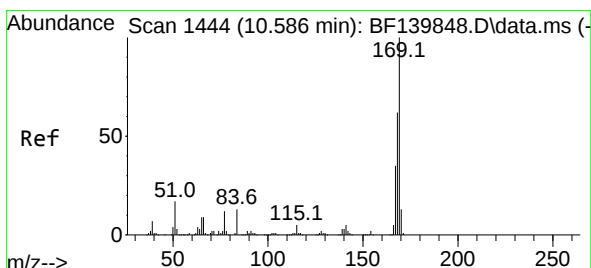
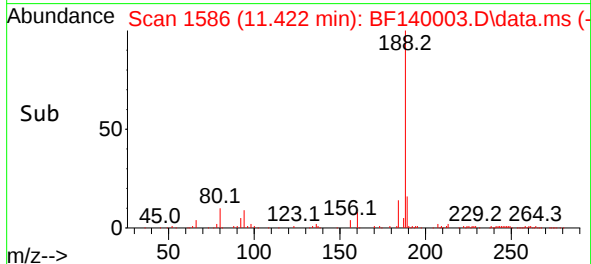
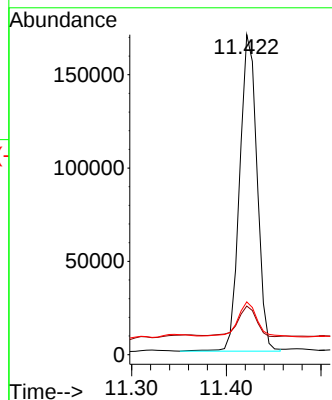
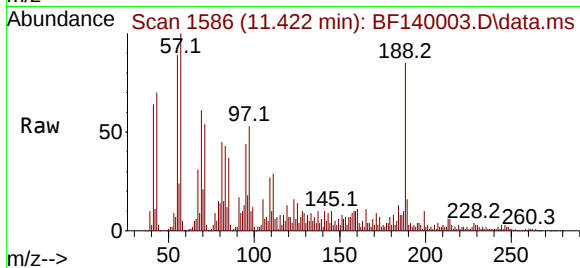
Tgt Ion:188 Resp: 215554

Ion Ratio Lower Upper

188 100

94 15.2 7.9 11.9#

80 16.5 9.0 13.4#



#66

n-Nitrosodiphenylamine

Concen: 11.903 ng

RT: 10.598 min Scan# 1446

Delta R.T. 0.012 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

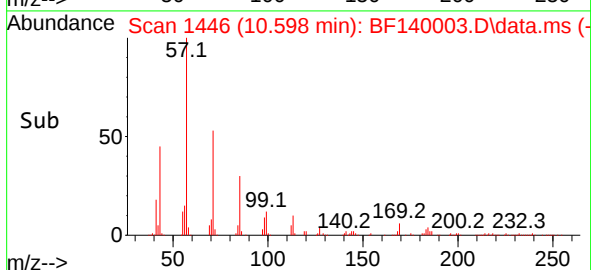
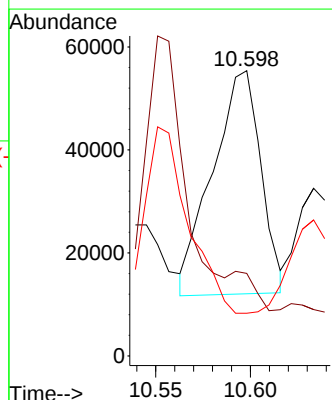
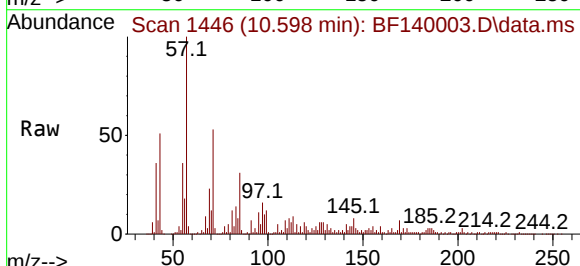
Tgt Ion:169 Resp: 76791

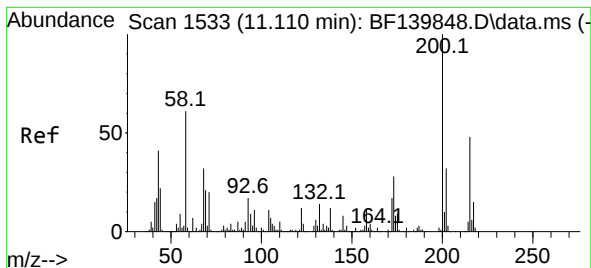
Ion Ratio Lower Upper

169 100

168 28.9 49.8 74.6#

167 15.0 28.0 42.0#





#69

Atrazine

Concen: 4.178 ng

RT: 11.122 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

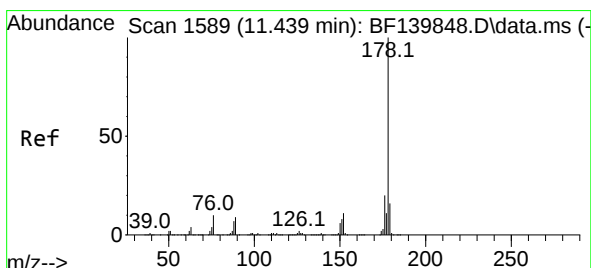
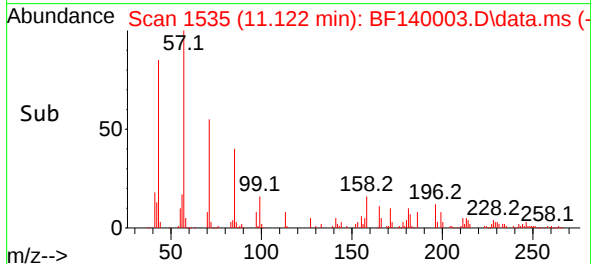
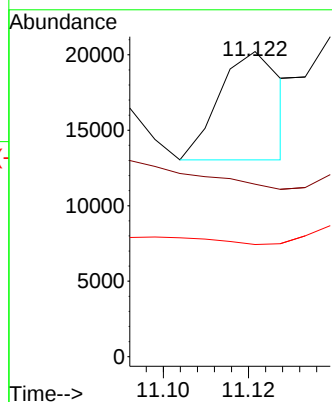
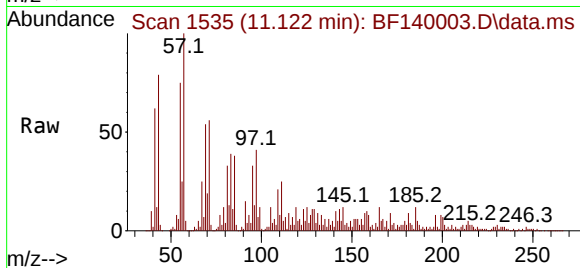
Tgt Ion:200 Resp: 7301

Ion Ratio Lower Upper

200 100

173 56.5 7.7 47.7#

215 36.8 27.7 67.7



#71

Phenanthrene

Concen: 3.585 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

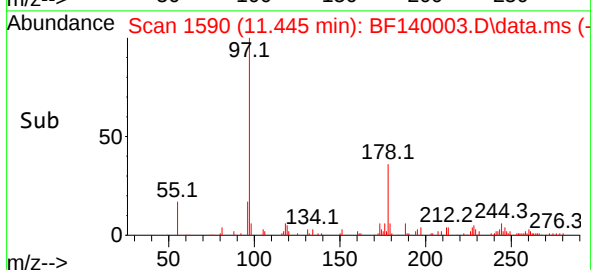
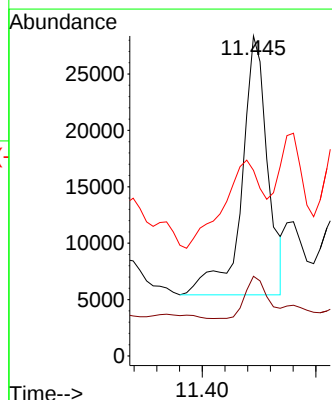
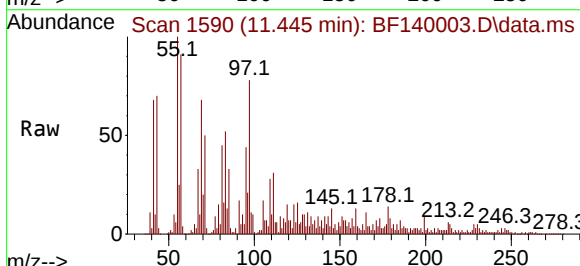
Tgt Ion:178 Resp: 36501

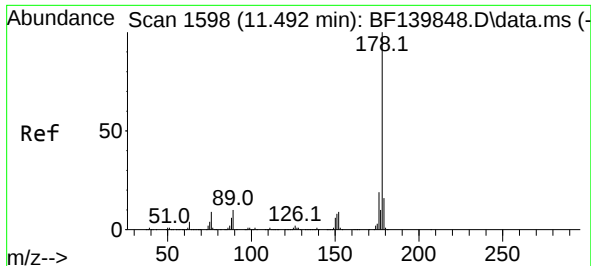
Ion Ratio Lower Upper

178 100

176 24.9 15.8 23.6#

179 58.0 12.6 18.8#

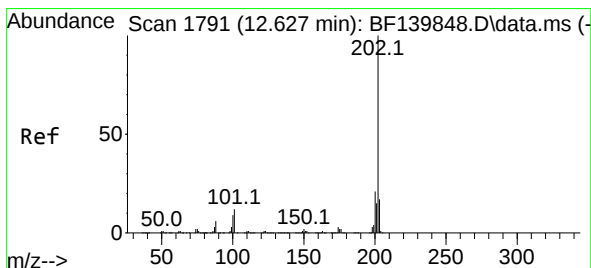
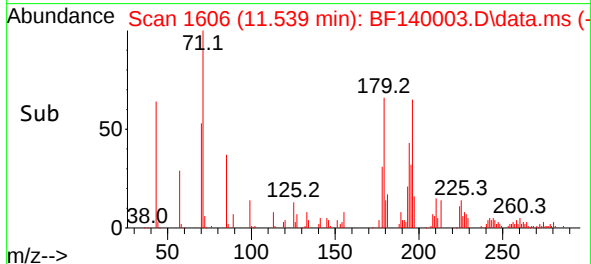
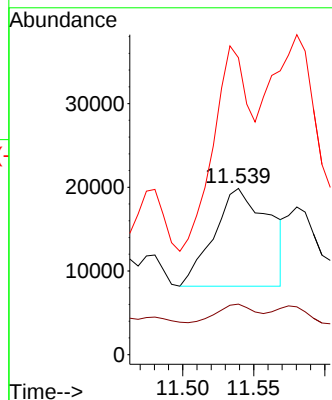
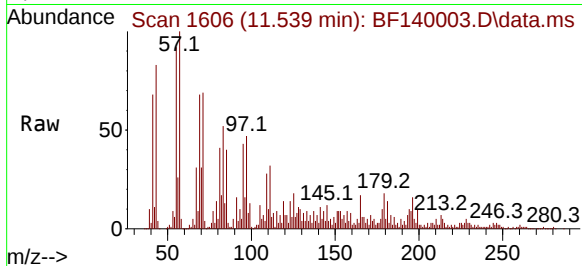




#72
 Anthracene
 Concen: 3.174 ng
 RT: 11.539 min Scan# 1
 Delta R.T. 0.047 min
 Lab File: BF140003.D
 Acq: 24 Oct 2024 16:19

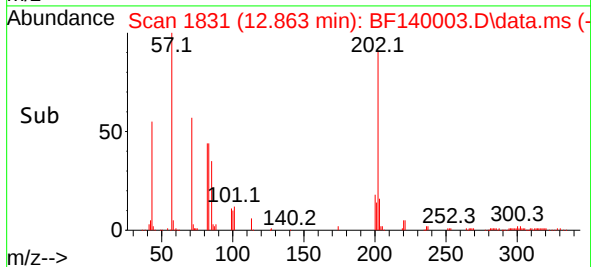
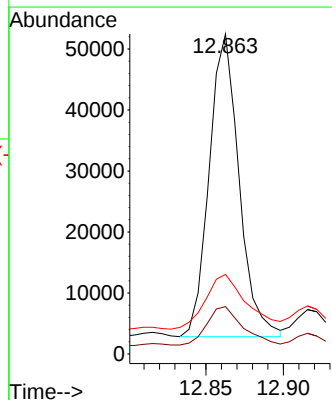
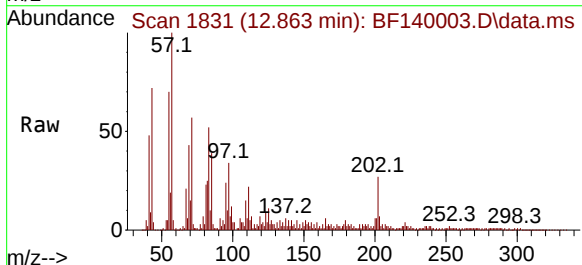
Instrument :
 BNA_F
 ClientSampleId :
 RT-2675DL

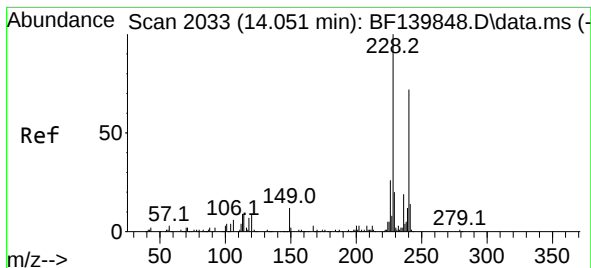
Tgt Ion:178 Resp: 31527
 Ion Ratio Lower Upper
 178 100
 176 30.4 15.3 22.9#
 179 178.5 12.4 18.6#



#75
 Fluoranthene
 Concen: 6.458 ng
 RT: 12.863 min Scan# 1831
 Delta R.T. 0.235 min
 Lab File: BF140003.D
 Acq: 24 Oct 2024 16:19

Tgt Ion:202 Resp: 66477
 Ion Ratio Lower Upper
 202 100
 101 14.8 0.0 31.9
 203 24.9 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

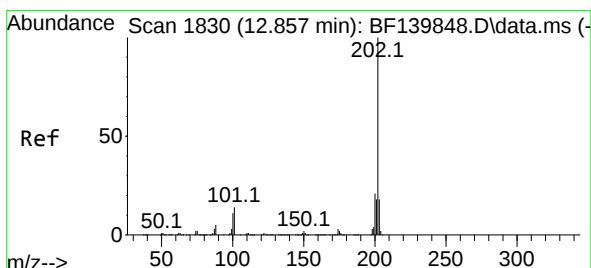
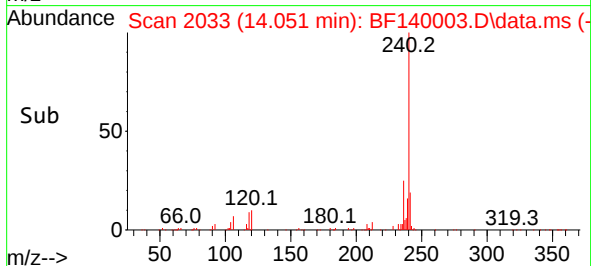
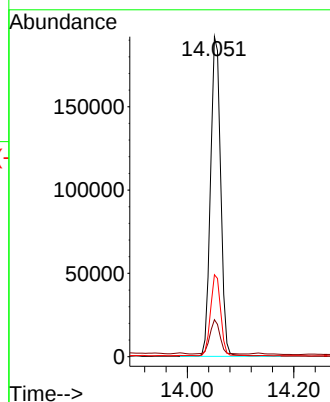
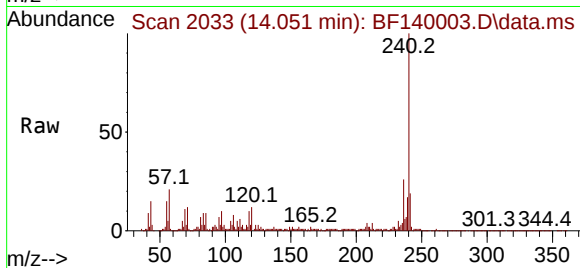
Tgt Ion:240 Resp: 253845

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 25.6 20.9 31.3



#78

Pyrene

Concen: 2.992 ng

RT: 12.863 min Scan# 1831

Delta R.T. 0.006 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

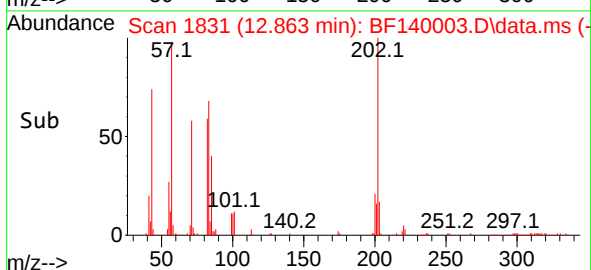
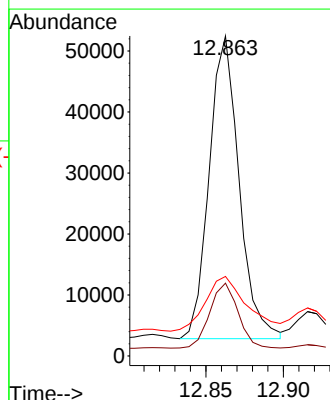
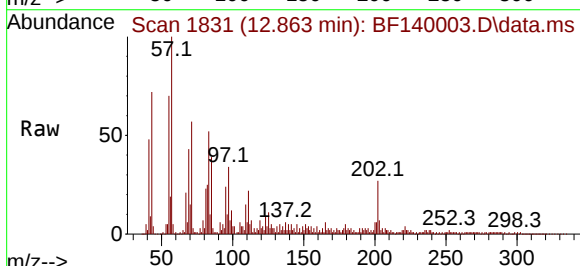
Tgt Ion:202 Resp: 66477

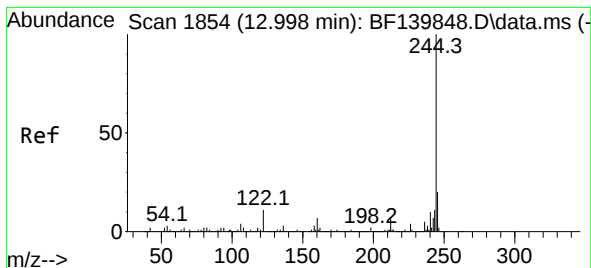
Ion Ratio Lower Upper

202 100

200 22.7 17.2 25.8

203 24.9 14.2 21.4#





#79

Terphenyl-d14

Concen: 10.591 ng

RT: 12.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL

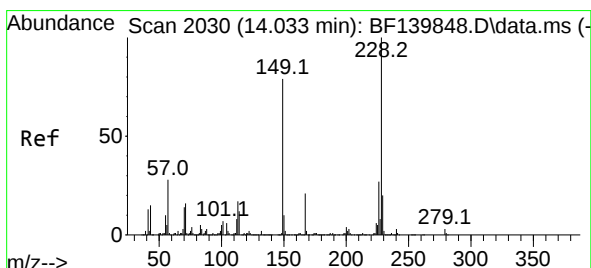
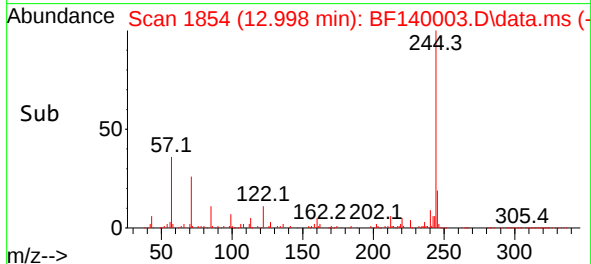
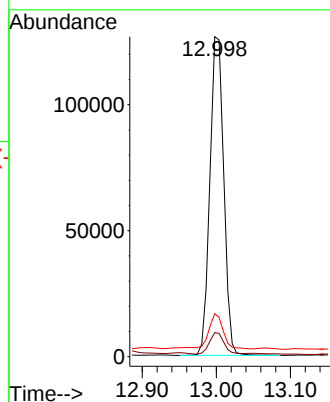
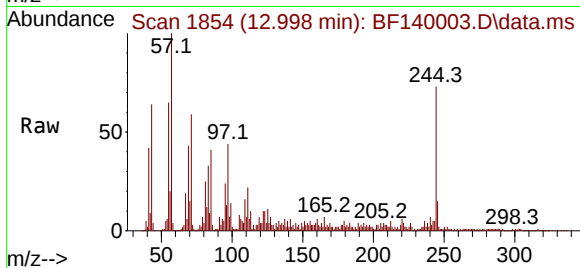
Tgt Ion:244 Resp: 164997

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 13.5 8.6 13.0#



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.508 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140003.D

Acq: 24 Oct 2024 16:19

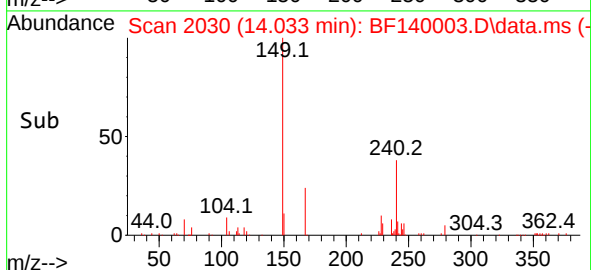
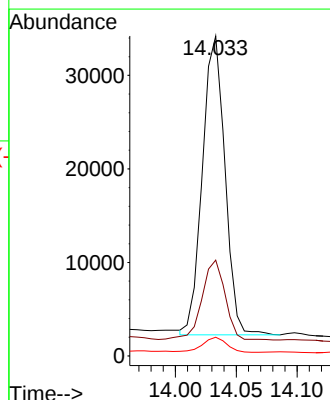
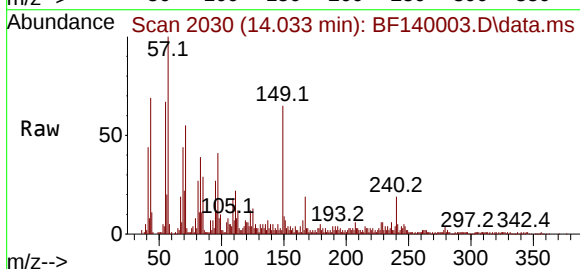
Tgt Ion:149 Resp: 41168

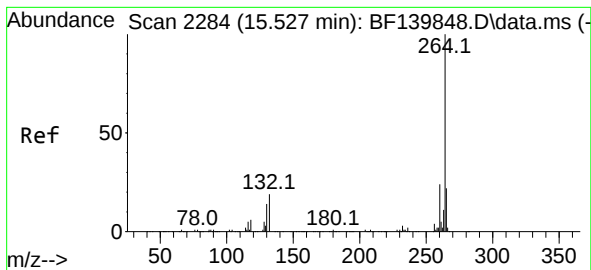
Ion Ratio Lower Upper

149 100

167 29.9 21.4 32.0

279 5.9 3.0 4.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140003.D

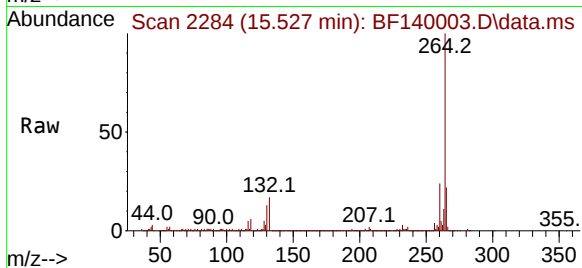
Acq: 24 Oct 2024 16:19

Instrument :

BNA_F

ClientSampleId :

RT-2675DL



Tgt Ion:264 Resp: 319967

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.7 17.4 26.0

