

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140763.D
 Acq On : 06 Dec 2024 13:48
 Operator : RC/JU
 Sample : P5133-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00374

Quant Time: Dec 06 13:09:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	58120	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	154680	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	96966	20.000	ng	0.01
64) Phenanthrene-d10	11.422	188	149935	20.000	ng	# 0.02
76) Chrysene-d12	14.086	240	120887	20.000	ng	# 0.04
86) Perylene-d12	15.604	264	110610	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	169241	49.684	ng	0.00
7) Phenol-d6	6.516	99	205729	45.684	ng	0.00
23) Nitrobenzene-d5	7.434	82	134918	44.615	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	38693	37.310	ng	0.02
45) 2-Fluorobiphenyl	9.239	172	201545	30.969	ng	0.00
79) Terphenyl-d14	13.016	244	214084	27.576	ng	0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	7396	3.102	ng	# 1
18) Hexachloroethane	7.404	117	113552	72.918	ng	# 1
19) n-Nitroso-di-n-propyla...	7.298	70	11173	4.198	ng	# 72
22) Acetophenone	7.263	105	252375	66.925	ng	# 45
24) Nitrobenzene	7.440	77	12776	4.088	ng	# 36
25) Isophorone	7.681	82	107492	21.312	ng	# 1
26) 2-Nitrophenol	7.775	139	12232	8.831	ng	# 1
27) 2,4-Dimethylphenol	7.810	122	4300	2.595	ng	# 1
28) bis(2-Chloroethoxy)met...	7.916	93	26434	8.603	ng	# 1
29) 2,4-Dichlorophenol	7.992	162	10199	4.645	ng	# 1
31) Naphthalene	8.181	128	196863	24.709	ng	# 69
32) Benzoic acid	7.945	122	6880	11.248	ng	# 1
33) 4-Chloroaniline	8.269	127	14925	6.257	ng	# 44
35) Caprolactam	8.586	113	112531	165.594	ng	# 1
36) 4-Chloro-3-methylphenol	8.710	107	12532	5.097	ng	# 44
37) 2-Methylnaphthalene	8.881	142	331297	65.467	ng	99
38) 1-Methylnaphthalene	8.981	142	198463	40.010	ng	92
43) 2,4,6-Trichlorophenol	9.151	196	6035	3.388	ng	# 17
44) 2,4,5-Trichlorophenol	9.151	196	6035	3.122	ng	# 1
46) 1,1'-Biphenyl	9.339	154	103128	14.245	ng	96
48) 2-Nitroaniline	9.492	65	15902	9.031	ng	# 37
51) 2,6-Dinitrotoluene	9.692	165	6506	4.492	ng	# 69
52) Acenaphthene	9.963	154	10571	2.007	ng	# 1
53) 3-Nitroaniline	9.910	138	11466	8.094	ng	# 53
54) 2,4-Dinitrophenol	9.992	184	759	8.736	ng	# 1
55) Dibenzofuran	10.116	168	30820	3.837	ng	# 1
56) 4-Nitrophenol	10.033	139	12760	13.208	ng	# 1
57) 2,4-Dinitrotoluene	10.128	165	6820	3.543	ng	# 63
58) Fluorene	10.480	166	35522	5.509	ng	# 20
60) Diethylphthalate	10.339	149	21355	3.291	ng	# 43
62) 4-Nitroaniline	10.510	138	3350	2.255	ng	# 1
63) Azobenzene	10.628	77	14057	2.288	ng	# 1
66) n-Nitrosodiphenylamine	10.580	169	103784	23.407	ng	# 65
69) Atrazine	11.110	200	7096	5.689	ng	# 69
70) Pentachlorophenol	11.227	266	3206	4.074	ng	# 27
71) Phenanthrene	11.445	178	57524	7.981	ng	# 61

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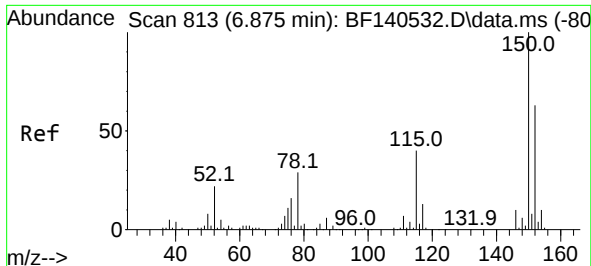
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Anthracene	11.533	178	25330	3.593	ng	# 1
78) Pyrene	12.892	202	52959	4.738	ng	# 78
80) Butylbenzylphthalate	13.480	149	12900	3.204	ng	# 78
82) 3,3'-Dichlorobenzidine	14.033	252	6139	2.555	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.045	149	83246	16.373	ng	# 73
85) Di-n-octyl phthalate	14.639	149	22033	3.171	ng	# 1

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

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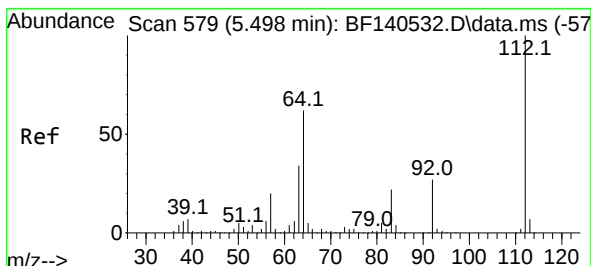
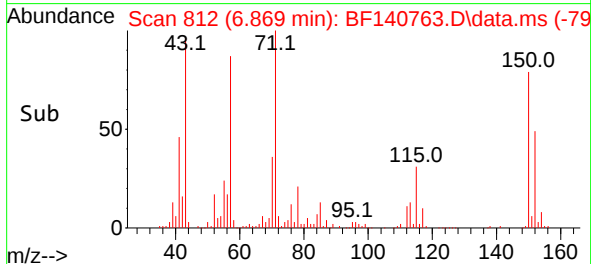
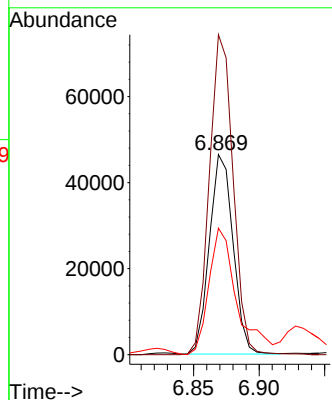
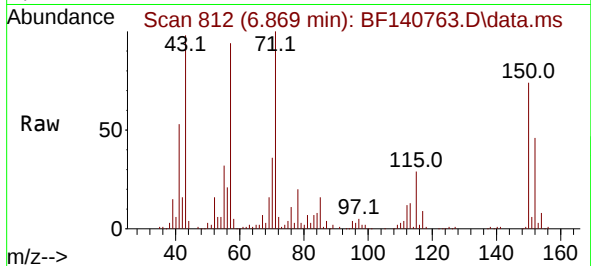




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

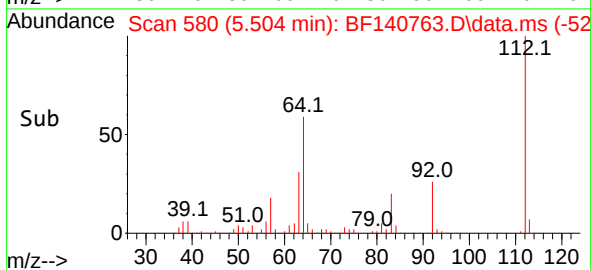
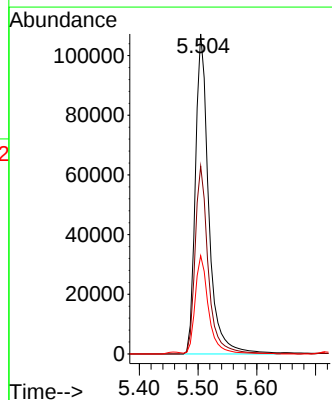
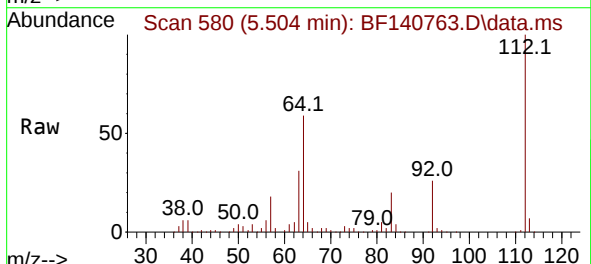
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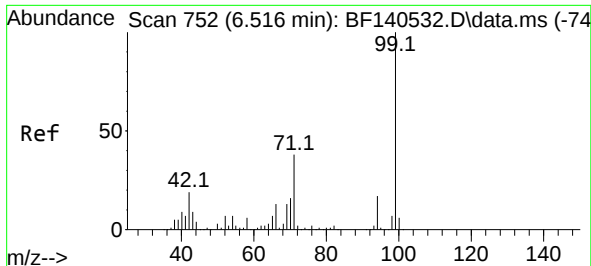
Tgt Ion:152 Resp: 58120
Ion Ratio Lower Upper
152 100
150 159.8 128.5 192.7
115 63.2 50.2 75.4



#5
2-Fluorophenol
Concen: 49.684 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion:112 Resp: 169241
Ion Ratio Lower Upper
112 100
64 58.7 49.2 73.8
63 30.7 27.0 40.4

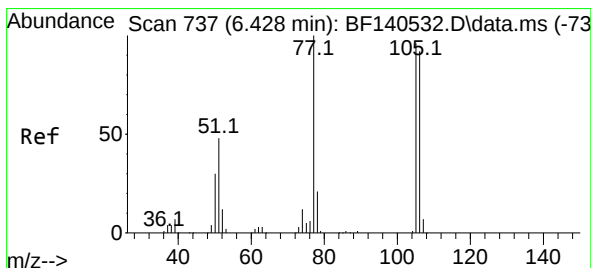
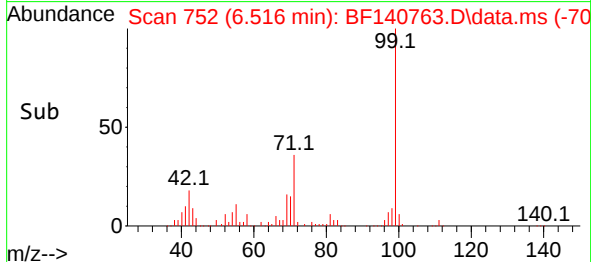
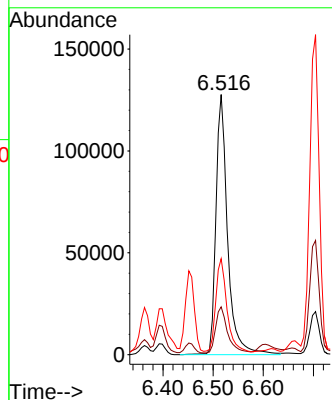
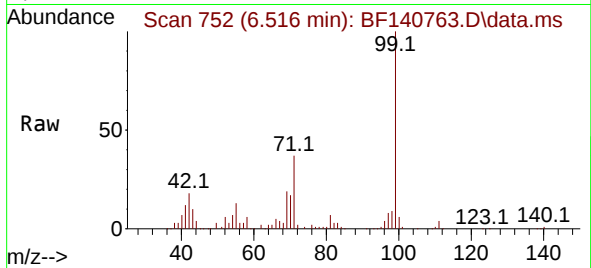




#7
Phenol-d6
Concen: 45.684 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

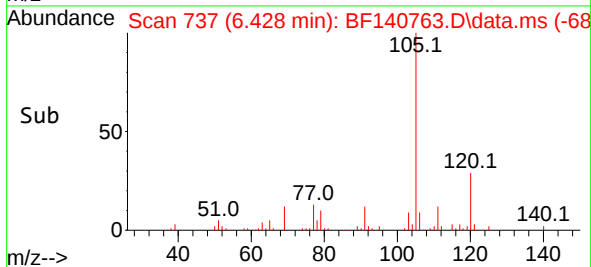
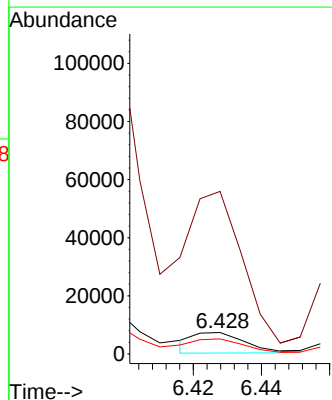
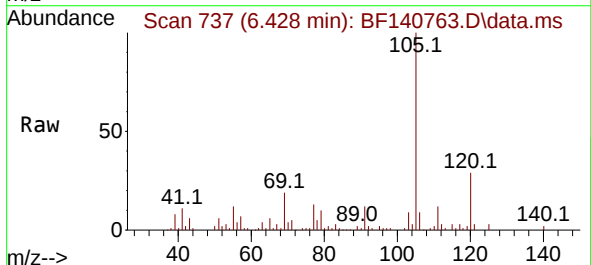
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

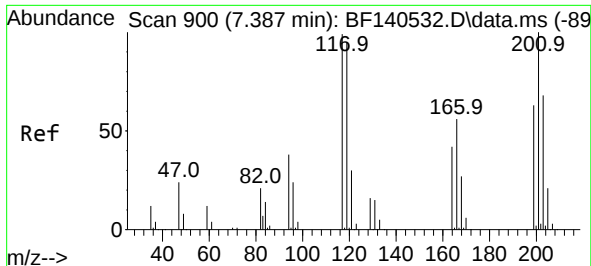
Tgt Ion: 99 Resp: 205729
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 36.9 30.6 46.0



#9
Benzaldehyde
Concen: 3.102 ng
RT: 6.428 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion: 77 Resp: 7396
Ion Ratio Lower Upper
77 100
105 755.9 75.6 115.6#
106 69.7 72.0 112.0#

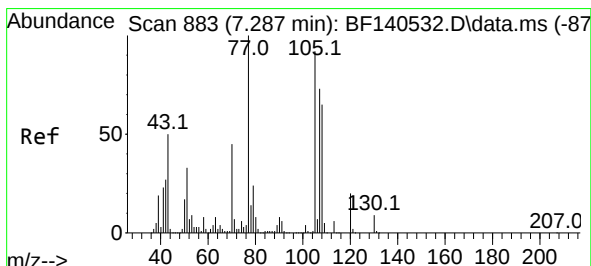
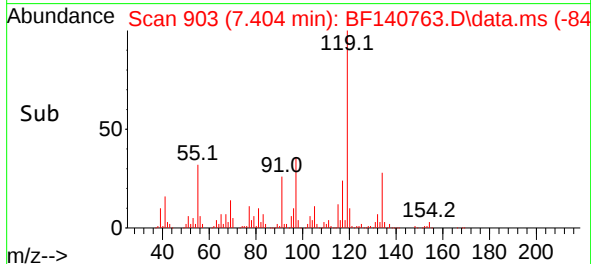
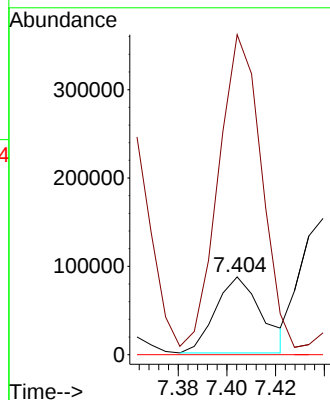
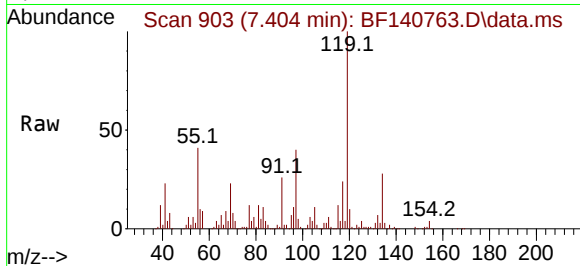




#18
Hexachloroethane
Concen: 72.918 ng
RT: 7.404 min Scan# 900
Delta R.T. 0.018 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

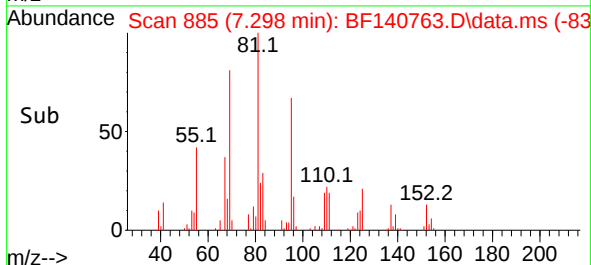
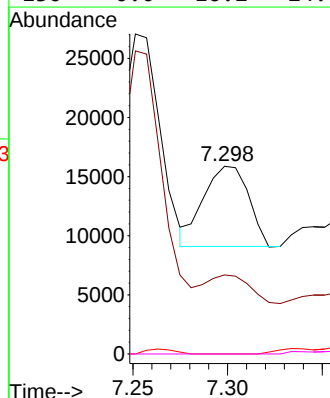
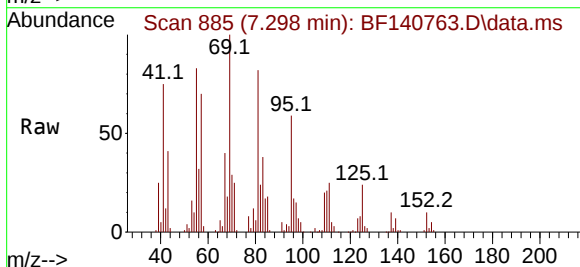
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

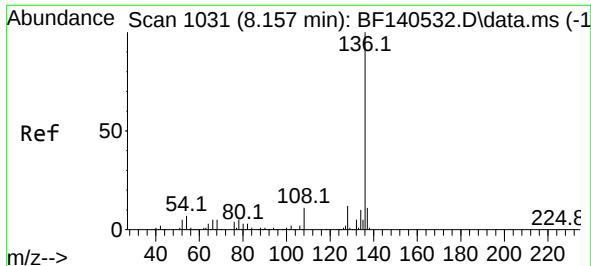
Tgt Ion:117 Resp: 113552
Ion Ratio Lower Upper
117 100
119 411.1 77.1 115.7#
201 0.0 81.1 121.7#



#19
n-Nitroso-di-n-propylamine
Concen: 4.198 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion: 70 Resp: 11173
Ion Ratio Lower Upper
70 100
42 42.1 47.6 71.4#
101 0.0 7.6 11.4#
130 0.0 16.2 24.4#

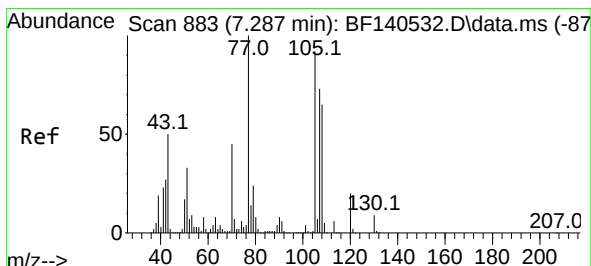
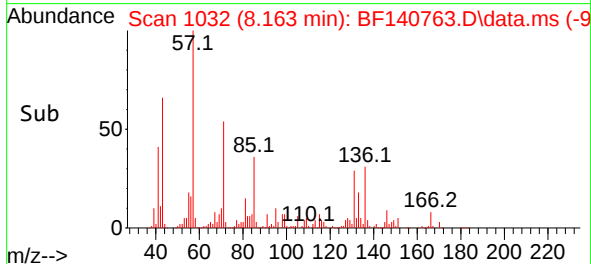
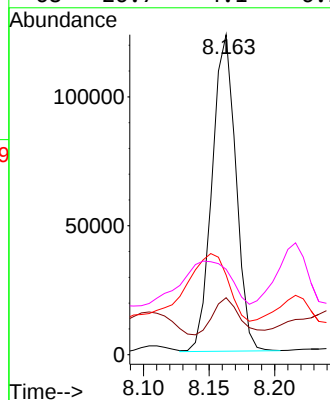
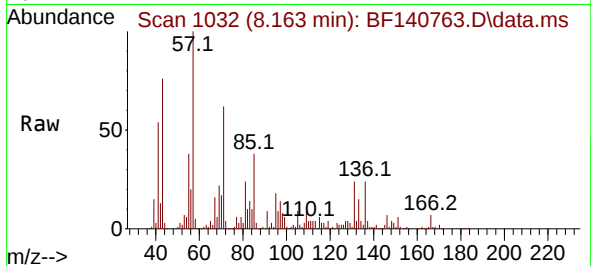




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

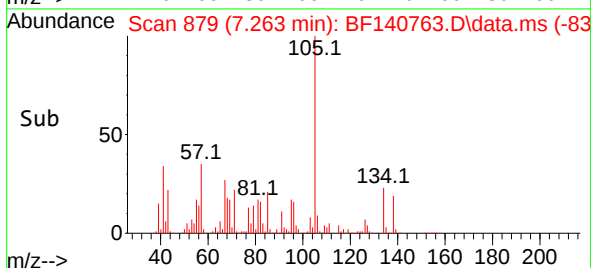
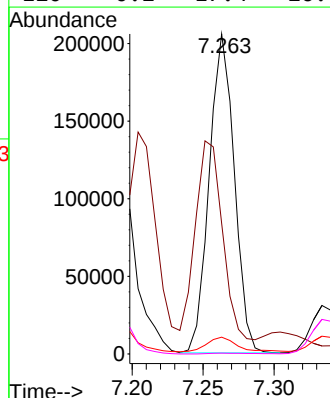
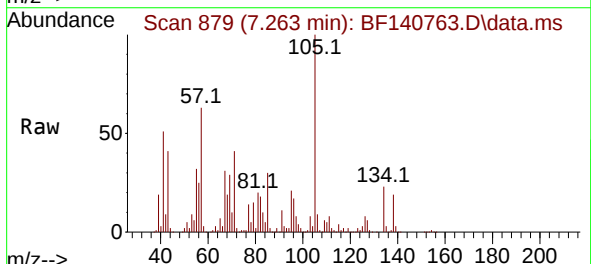
Instrument :
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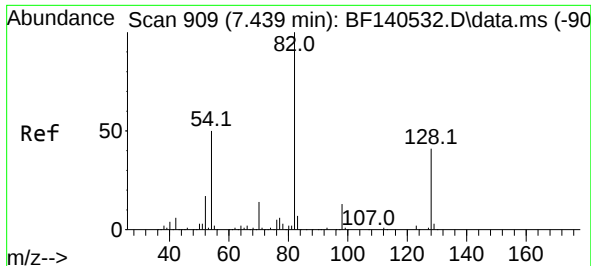
Tgt Ion:136 Resp: 154680
Ion Ratio Lower Upper
136 100
137 17.8 8.6 13.0#
54 24.9 5.8 8.8#
68 26.7 4.1 6.1#



#22
Acetophenone
Concen: 66.925 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.023 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion:105 Resp: 252375
Ion Ratio Lower Upper
105 100
71 40.9 6.2 9.2#
51 5.3 29.0 43.6#
120 0.2 17.4 26.0#





#23

Nitrobenzene-d5

Concen: 44.615 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

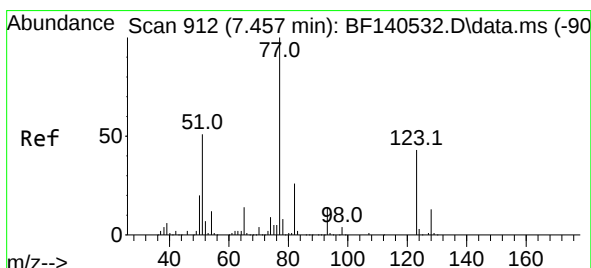
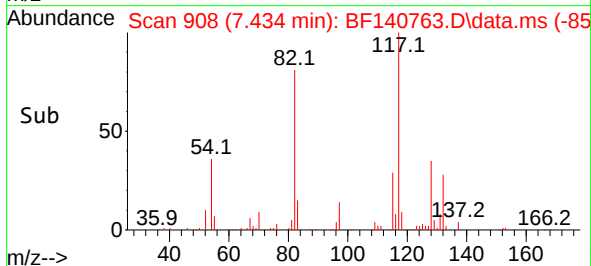
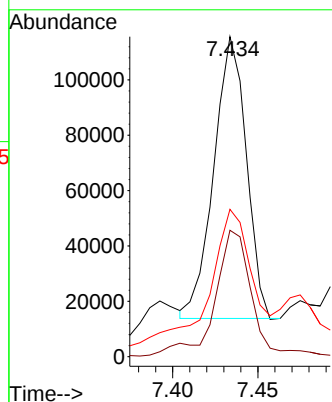
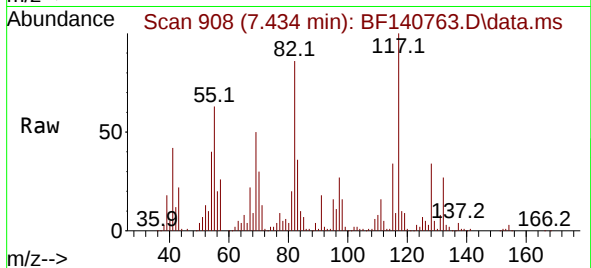
Tgt Ion: 82 Resp: 134918

Ion Ratio Lower Upper

82 100

128 39.5 33.0 49.4

54 46.1 39.5 59.3



#24

Nitrobenzene

Concen: 4.088 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.018 min

Lab File: BF140763.D

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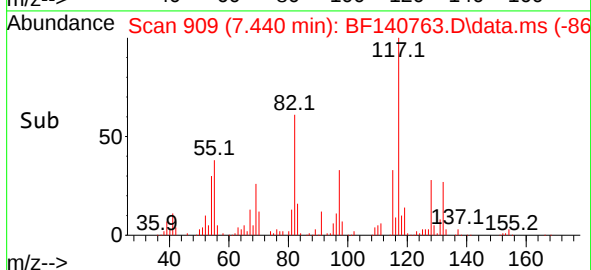
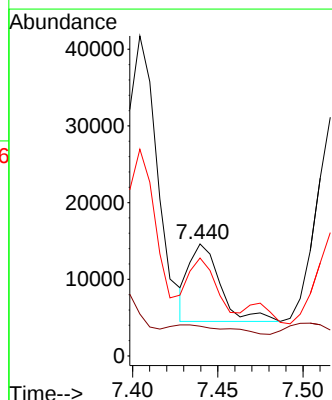
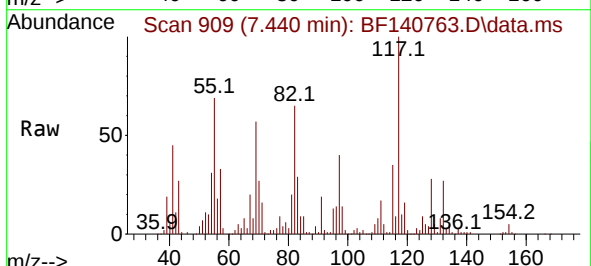
Tgt Ion: 77 Resp: 12776

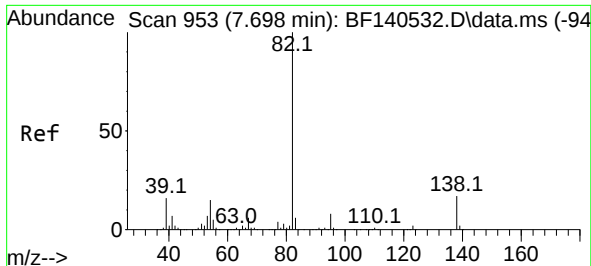
Ion Ratio Lower Upper

77 100

123 26.6 34.3 51.5#

65 87.4 11.2 16.8#

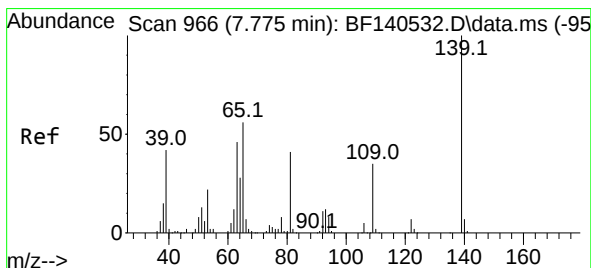
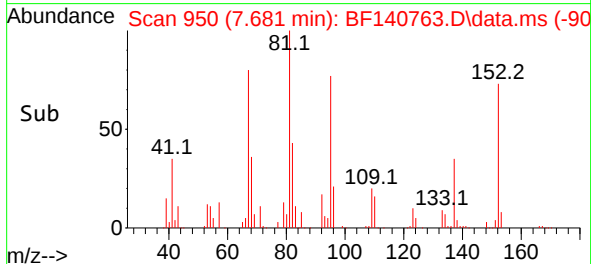
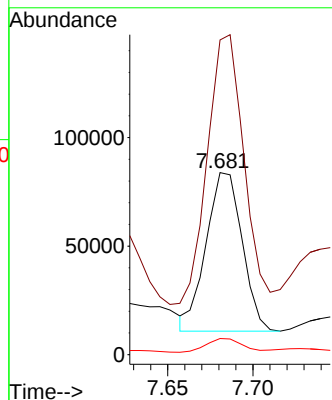
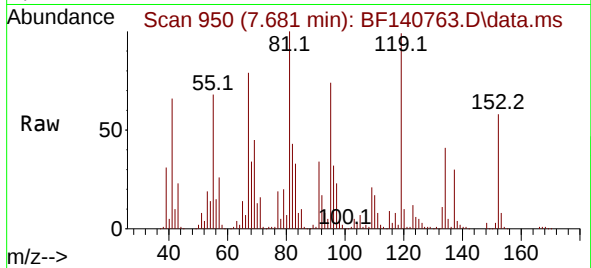




#25
Isophorone
Concen: 21.312 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

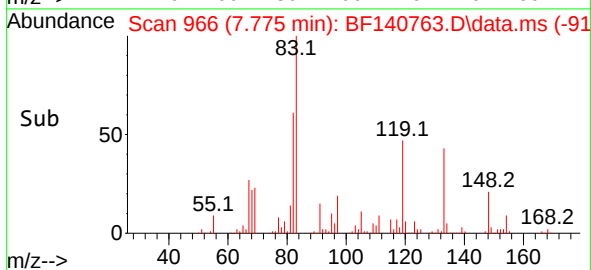
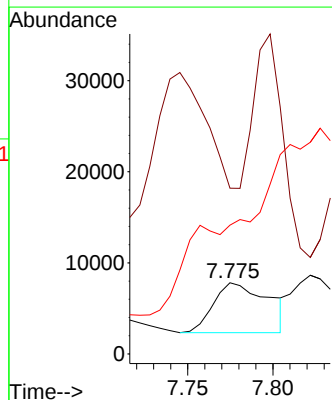
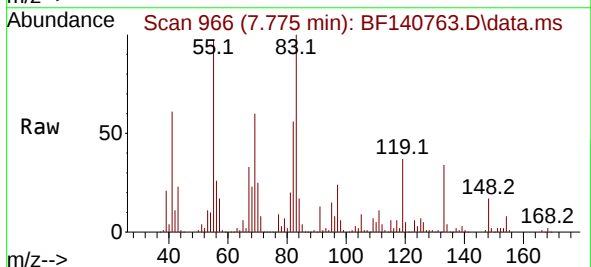
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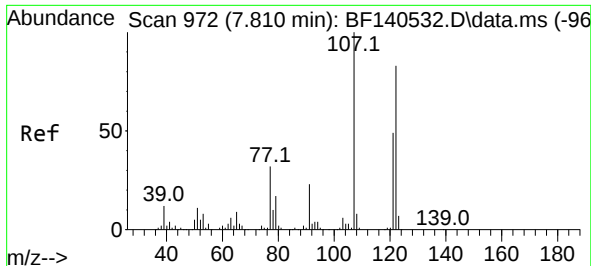
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Ion Ratio Lower Upper
82 100
95 172.8 6.4 9.6#
138 8.9 13.8 20.6#



#26
2-Nitrophenol
Concen: 8.831 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion: 139 Resp: 12232
Ion Ratio Lower Upper
139 100
109 232.6 28.0 42.0#
65 180.6 44.6 67.0#

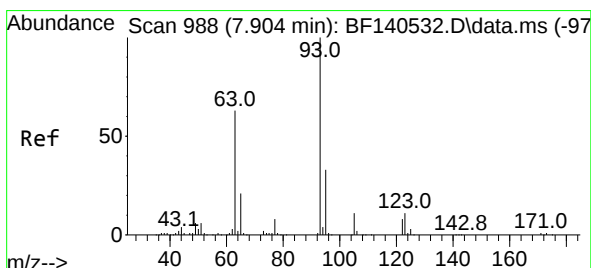
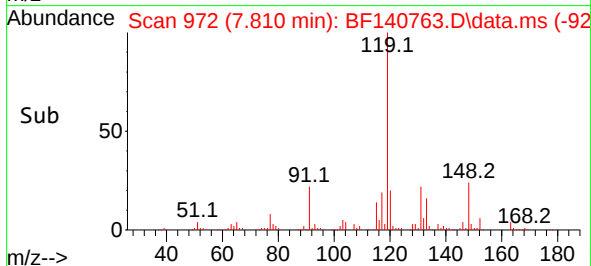
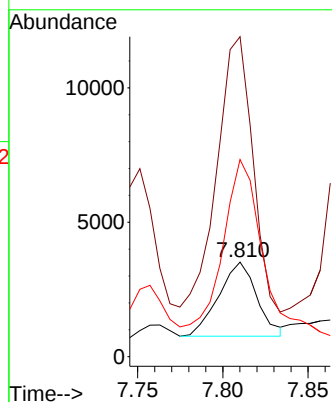
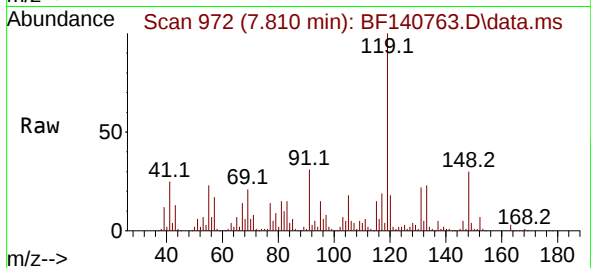




#27
2,4-Dimethylphenol
Concen: 2.595 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

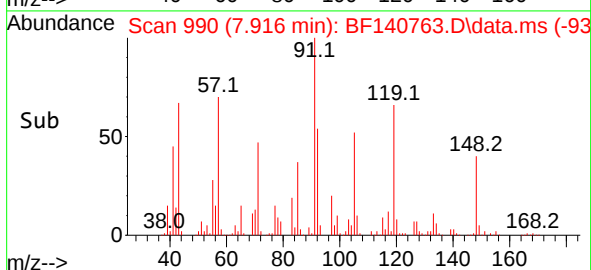
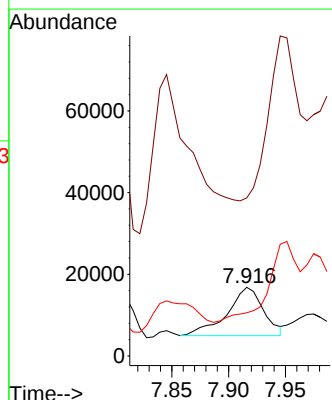
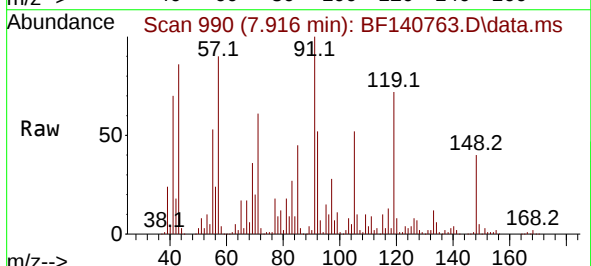
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

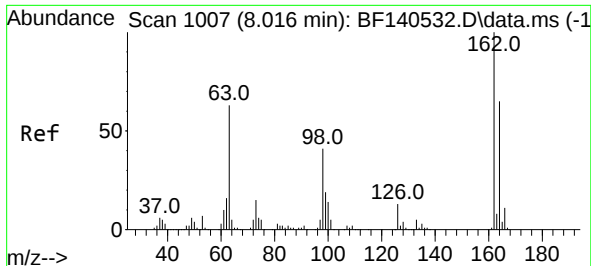
Tgt Ion:122 Resp: 4300
Ion Ratio Lower Upper
122 100
107 338.2 96.8 145.2#
121 208.3 47.4 71.0#



#28
bis(2-Chloroethoxy)methane
Concen: 8.603 ng
RT: 7.916 min Scan# 990
Delta R.T. 0.012 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion: 93 Resp: 26434
Ion Ratio Lower Upper
93 100
95 230.5 26.1 39.1#
123 63.1 9.1 13.7#





#29

2,4-Dichlorophenol

Concen: 4.645 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.023 min

Lab File: BF140763.D

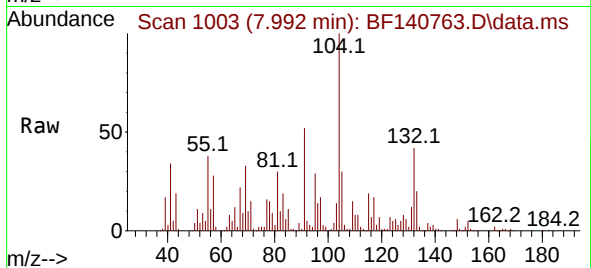
Acq: 06 Dec 2024 13:48

Instrument :

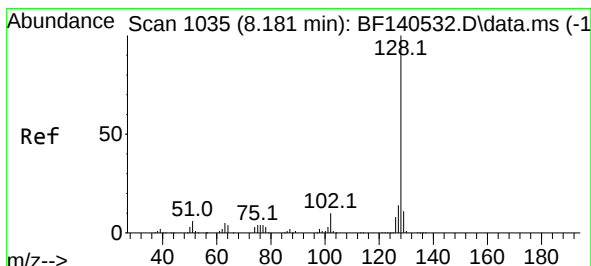
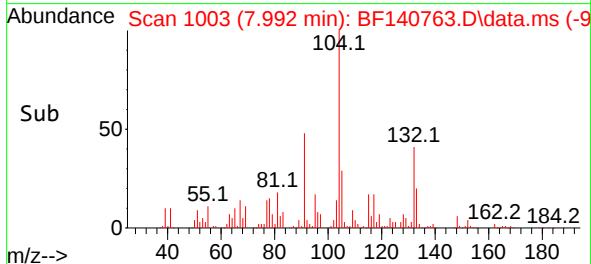
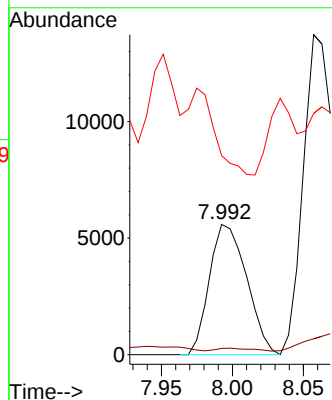
BNA_F

ClientSampleId :

MOO-24-00374



Tgt Ion:	162	Resp:	10199
Ion Ratio	Lower	Upper	
162	100		
164	4.8	44.8	84.8#
98	152.8	21.2	61.2#



#31

Naphthalene

Concen: 24.709 ng

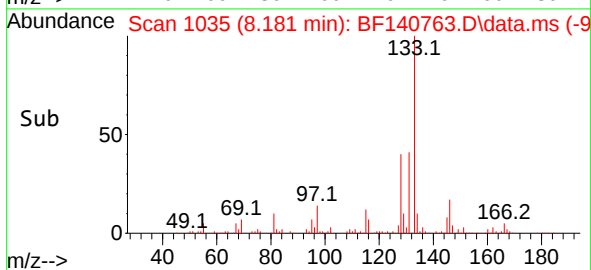
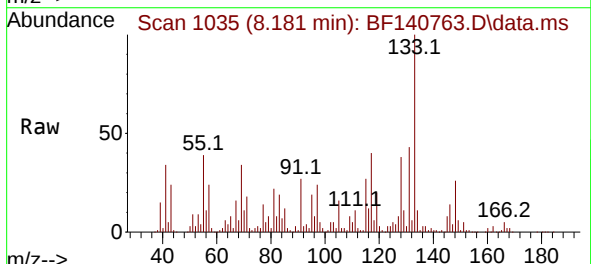
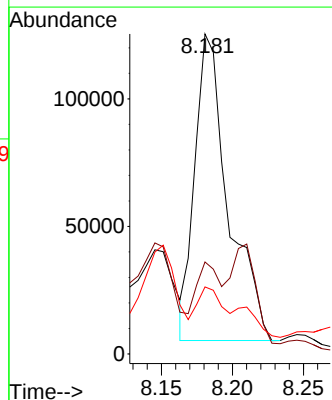
RT: 8.181 min Scan# 1035

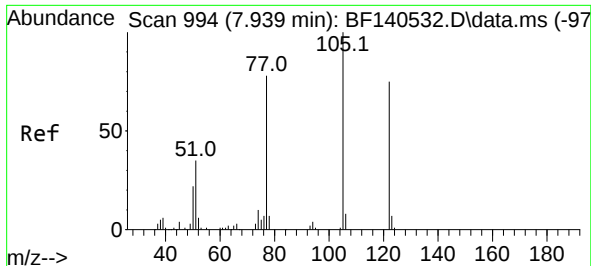
Delta R.T. 0.000 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Tgt Ion:	128	Resp:	196863
Ion Ratio	Lower	Upper	
128	100		
129	28.7	8.6	13.0#
127	21.0	10.8	16.2#

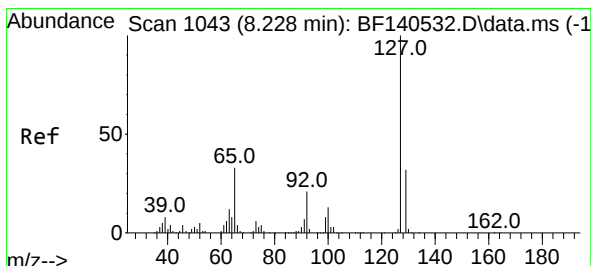
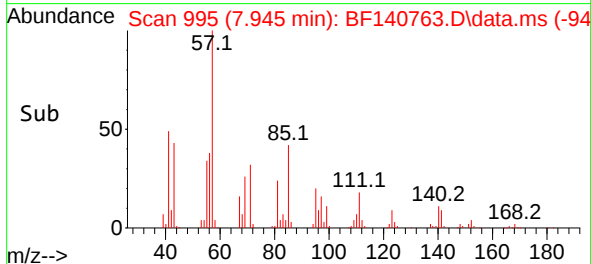
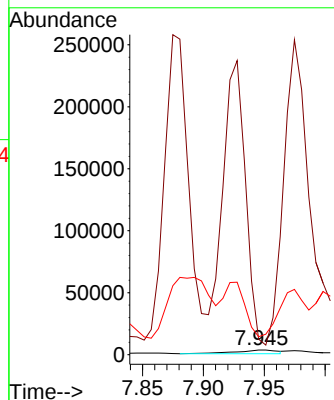
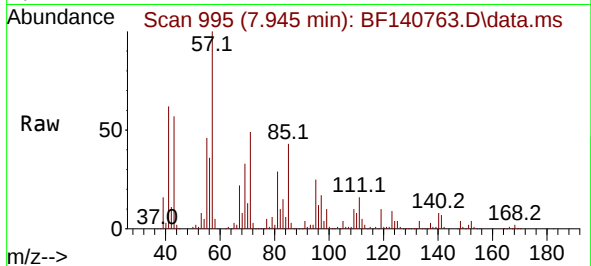




#32
Benzoic acid
Concen: 11.248 ng
RT: 7.945 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

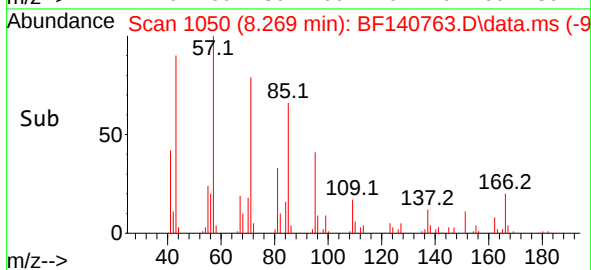
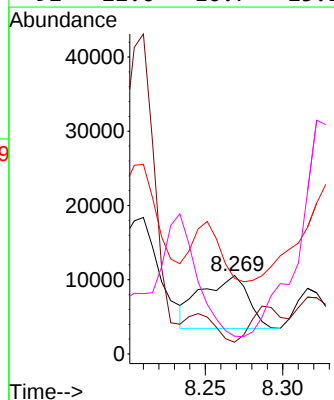
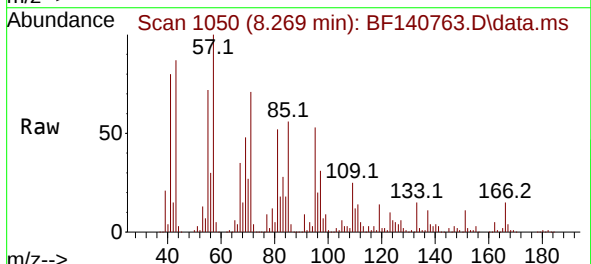
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

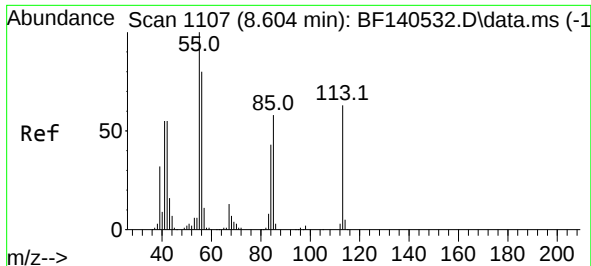
Tgt Ion:122 Resp: 6880
Ion Ratio Lower Upper
122 100
105 338.4 109.3 149.3#
77 390.4 82.3 122.3#



#33
4-Chloroaniline
Concen: 6.257 ng
RT: 8.269 min Scan# 1050
Delta R.T. 0.041 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion:127 Resp: 14925
Ion Ratio Lower Upper
127 100
129 14.8 26.0 39.0#
65 96.3 26.0 39.0#
92 22.6 16.7 25.1

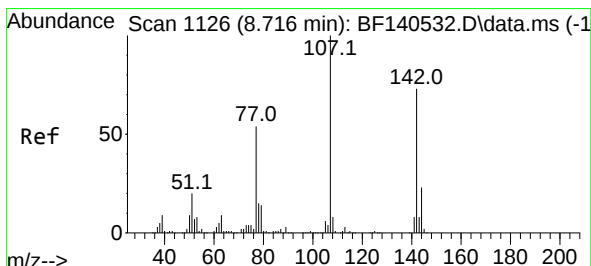
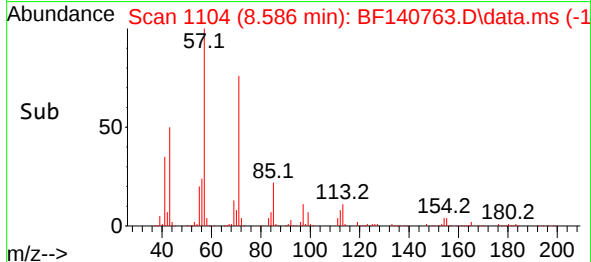
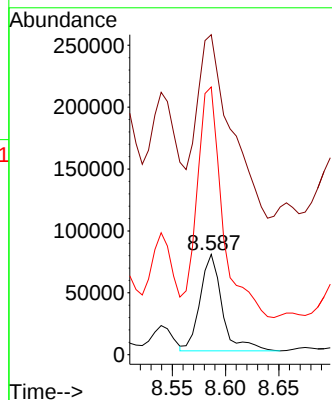
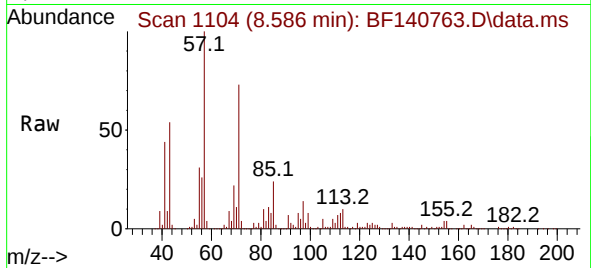




#35
Caprolactam
Concen: 165.594 ng
RT: 8.586 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

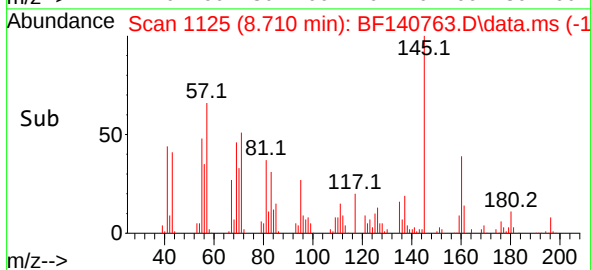
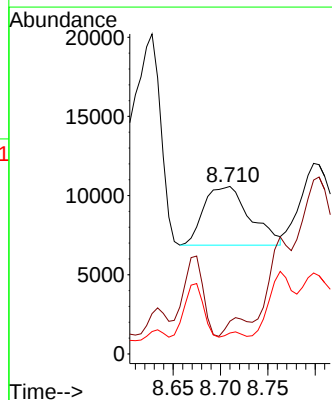
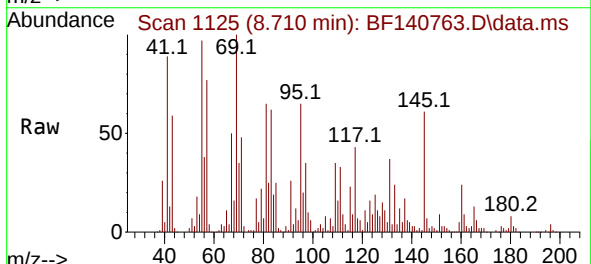
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

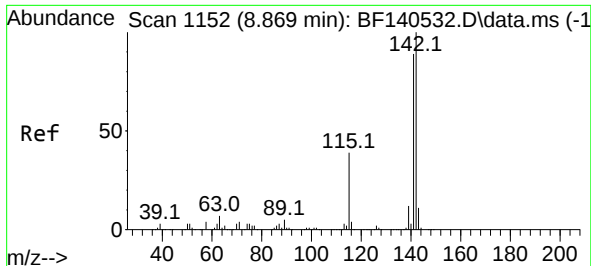
Tgt Ion:113 Resp: 112531
Ion Ratio Lower Upper
113 100
55 319.1 137.7 177.7#
56 266.9 106.4 146.4#



#36
4-Chloro-3-methylphenol
Concen: 5.097 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion:107 Resp: 12532
Ion Ratio Lower Upper
107 100
144 19.6 18.7 28.1
142 12.6 58.3 87.5#





#37

2-Methylnaphthalene

Concen: 65.467 ng

RT: 8.881 min Scan# 1154

Delta R.T. 0.012 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Instrument :

BNA_F

ClientSampleId :

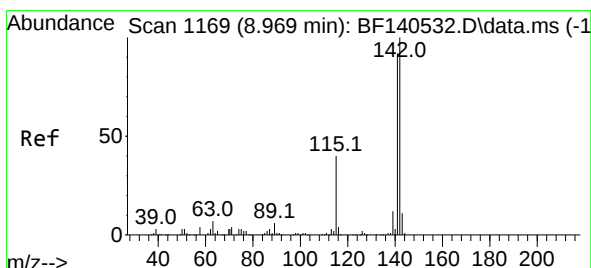
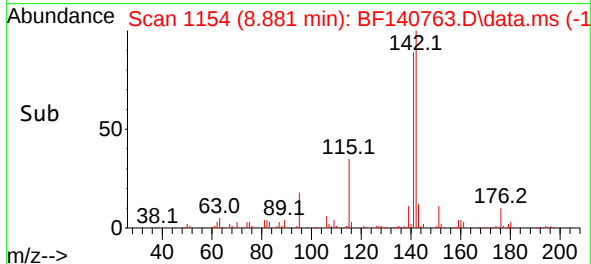
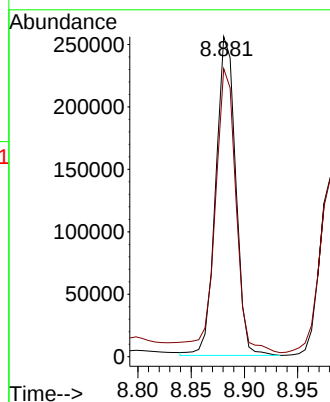
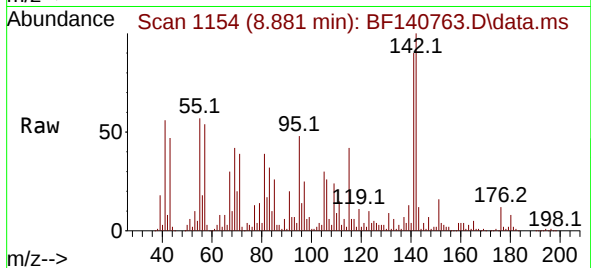
MOO-24-00374

Tgt Ion:142 Resp: 331297

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 40.010 ng

RT: 8.981 min Scan# 1171

Delta R.T. 0.012 min

Lab File: BF140763.D

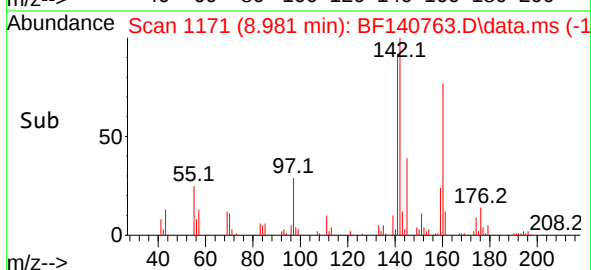
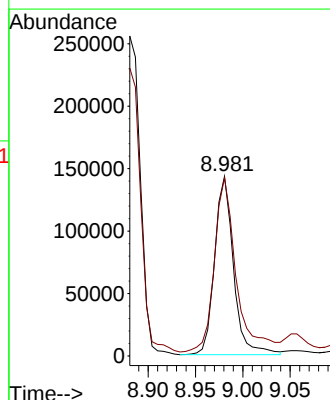
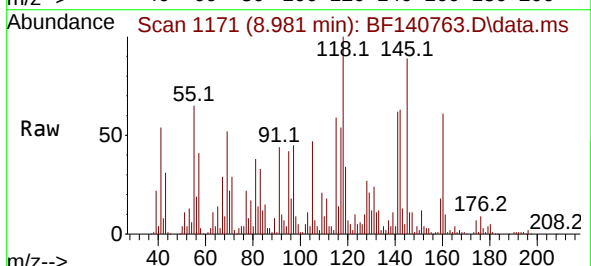
Acq: 06 Dec 2024 13:48

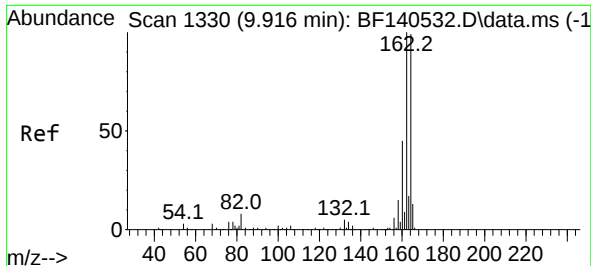
Tgt Ion:142 Resp: 198463

Ion Ratio Lower Upper

142 100

141 99.2 73.3 109.9

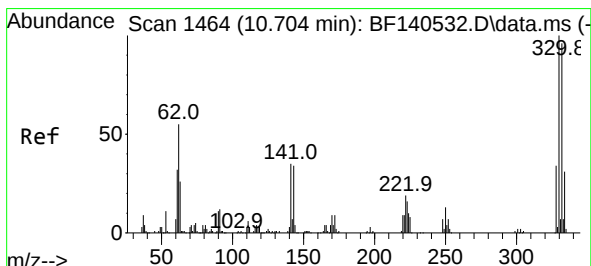
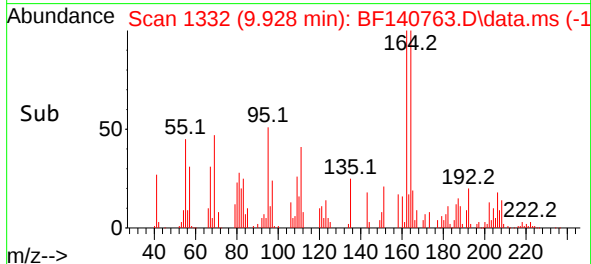
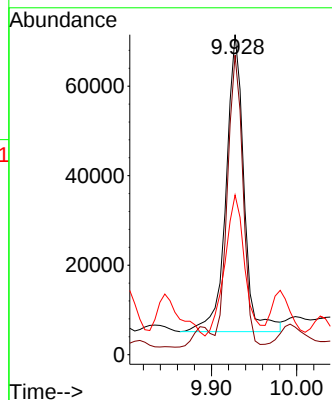
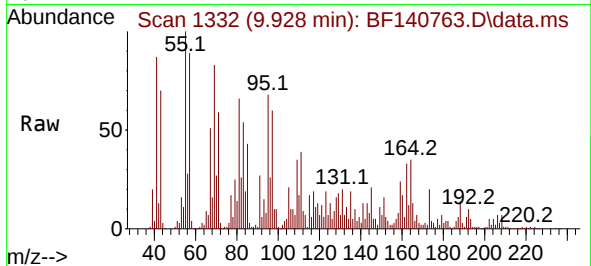




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

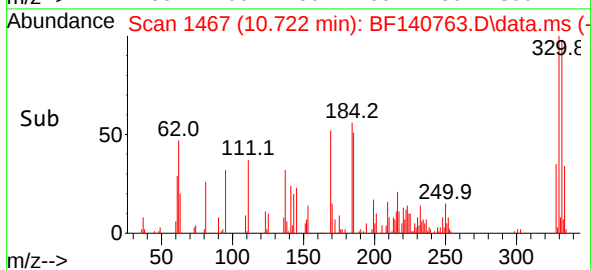
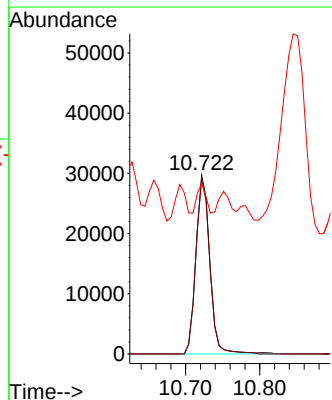
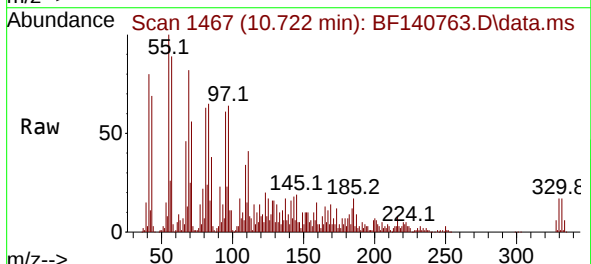
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

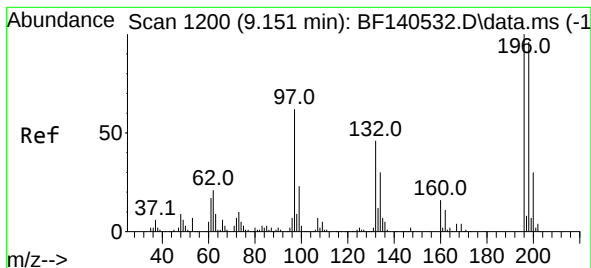
Tgt Ion:164 Resp: 96966
Ion Ratio Lower Upper
164 100
162 93.6 80.6 120.8
160 49.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 37.310 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.018 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion:330 Resp: 38693
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 10.2 26.7 40.1#





#43

2,4,6-Trichlorophenol

Concen: 3.388 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

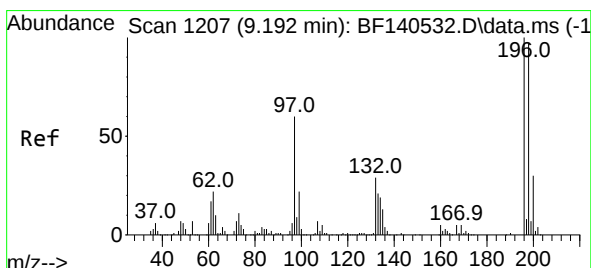
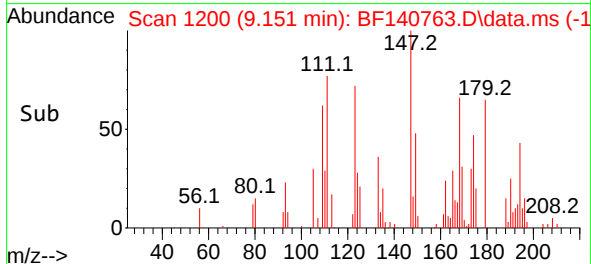
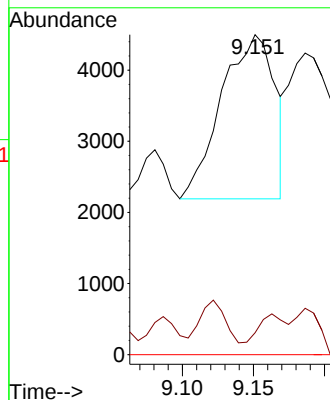
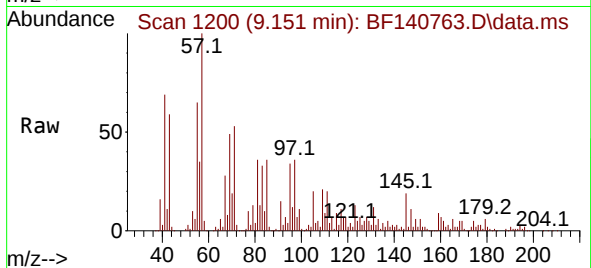
Tgt Ion:196 Resp: 6035

Ion Ratio Lower Upper

196 100

198 6.8 76.8 115.2#

200 0.0 24.3 36.5#



#44

2,4,5-Trichlorophenol

Concen: 3.122 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.041 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Tgt Ion:196 Resp: 6035

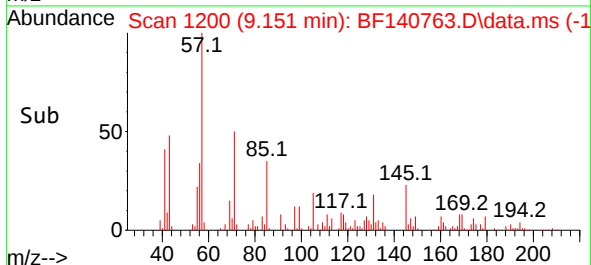
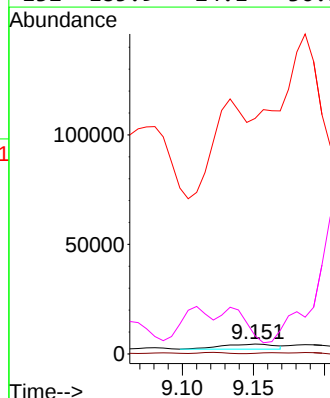
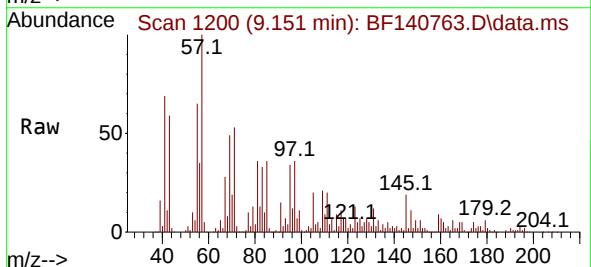
Ion Ratio Lower Upper

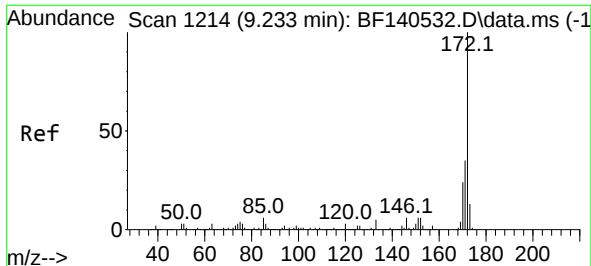
196 100

198 6.8 77.2 115.8#

97 2388.8 47.1 70.7#

132 185.9 24.1 36.1#





#45

2-Fluorobiphenyl

Concen: 30.969 ng

RT: 9.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

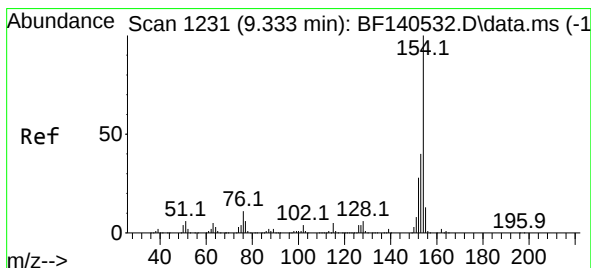
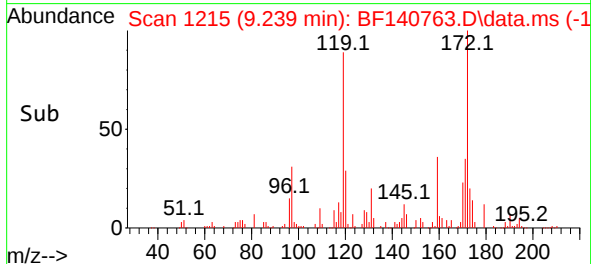
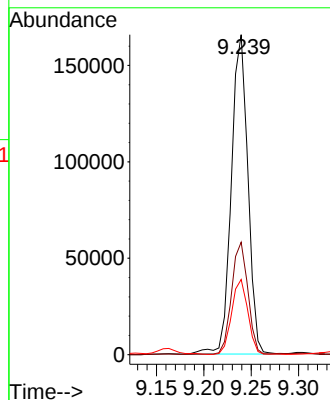
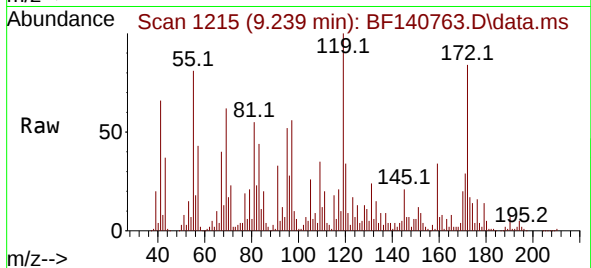
Tgt Ion:172 Resp: 201545

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 14.245 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

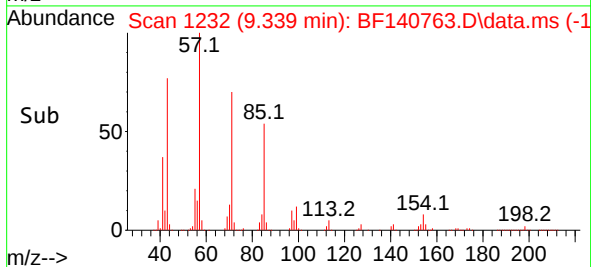
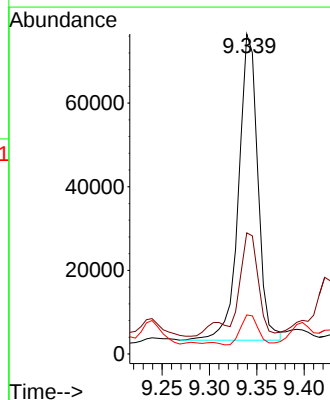
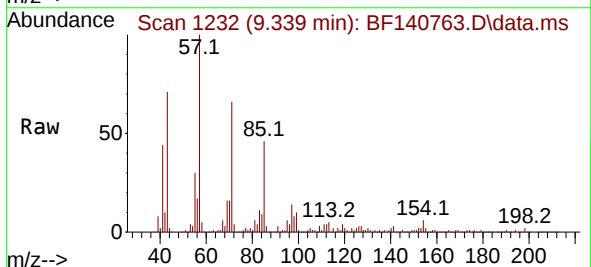
Tgt Ion:154 Resp: 103128

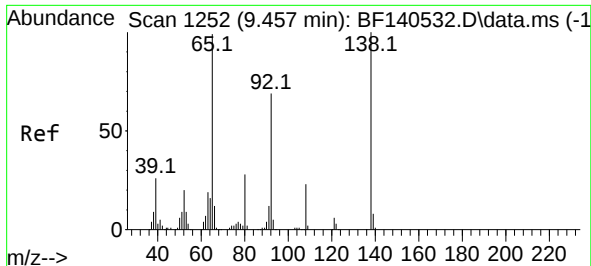
Ion Ratio Lower Upper

154 100

153 37.8 20.4 60.4

76 12.2 0.0 31.2

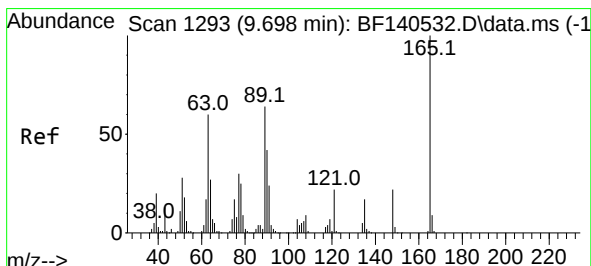
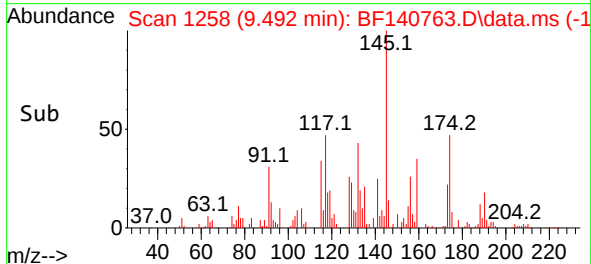
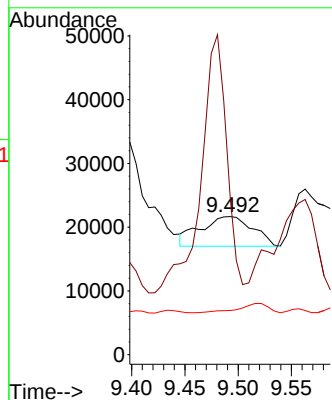
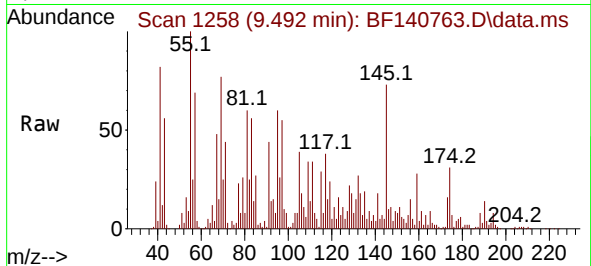




#48
2-Nitroaniline
Concen: 9.031 ng
RT: 9.492 min Scan# 1258
Delta R.T. 0.035 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

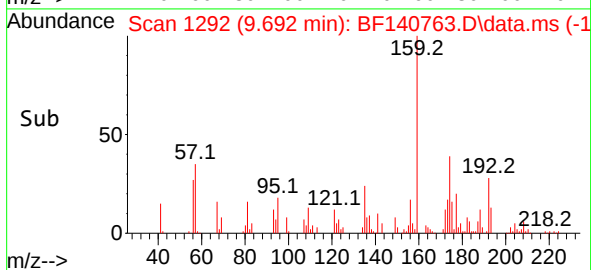
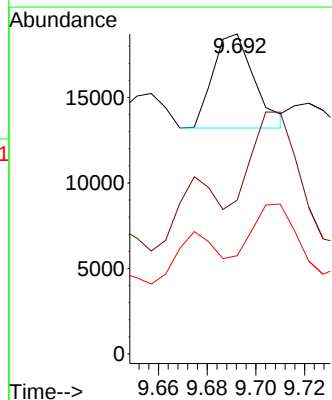
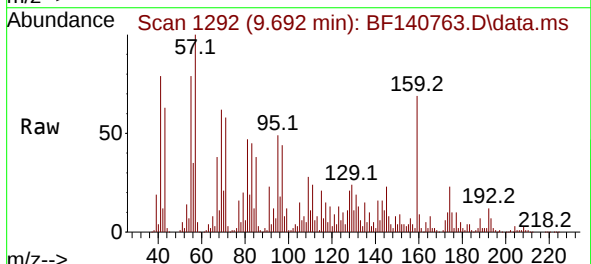
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

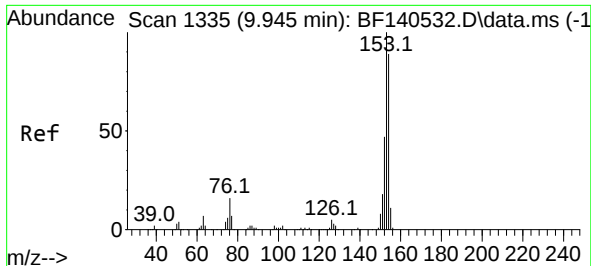
Tgt Ion: 65 Resp: 15902
Ion Ratio Lower Upper
65 100
92 114.7 56.1 84.1#
138 31.9 81.0 121.6#



#51
2,6-Dinitrotoluene
Concen: 4.492 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion:165 Resp: 6506
Ion Ratio Lower Upper
165 100
63 48.1 49.9 74.9#
89 30.7 50.9 76.3#

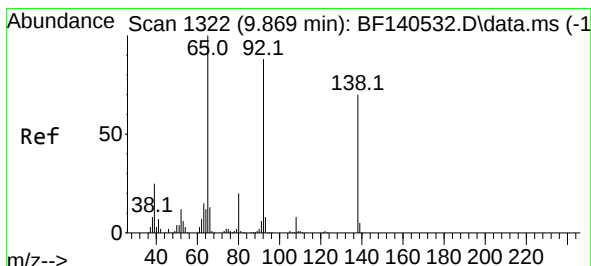
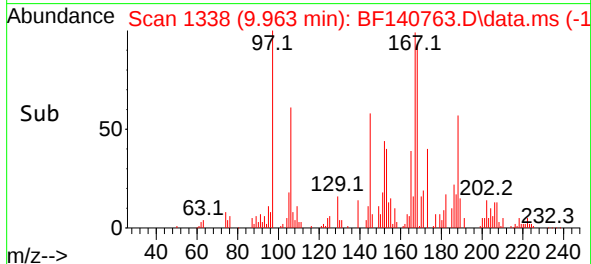
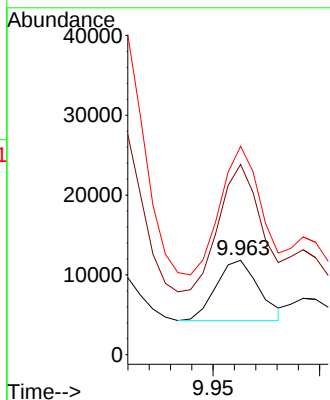
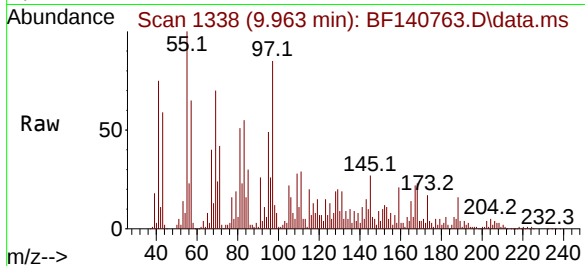




#52
Acenaphthene
Concen: 2.007 ng
RT: 9.963 min Scan# 1335
Delta R.T. 0.018 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

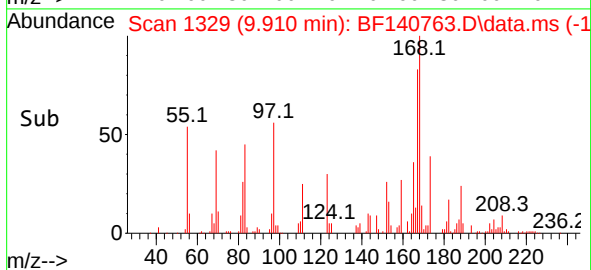
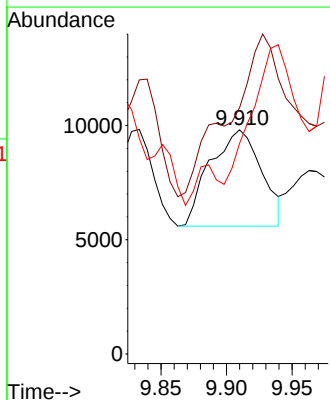
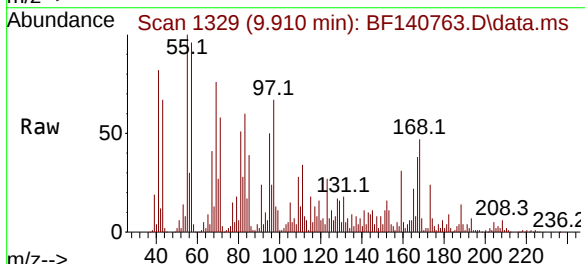
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

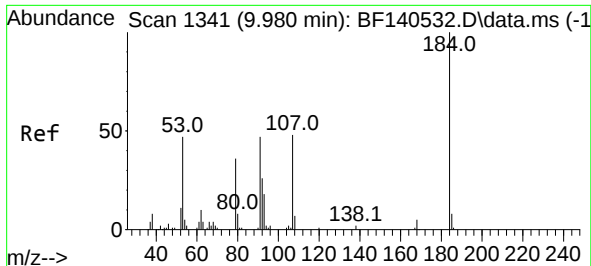
Tgt Ion:154 Resp: 10571
Ion Ratio Lower Upper
154 100
153 201.5 89.7 134.5#
152 220.7 42.5 63.7#



#53
3-Nitroaniline
Concen: 8.094 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.041 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion:138 Resp: 11466
Ion Ratio Lower Upper
138 100
108 109.9 9.2 13.8#
92 94.0 100.6 150.8#

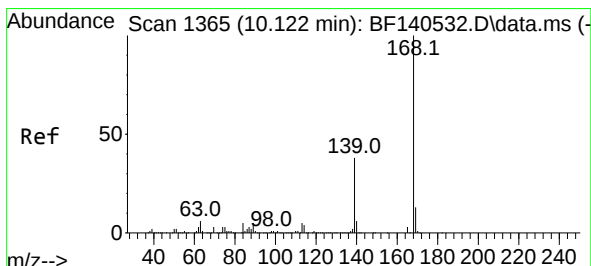
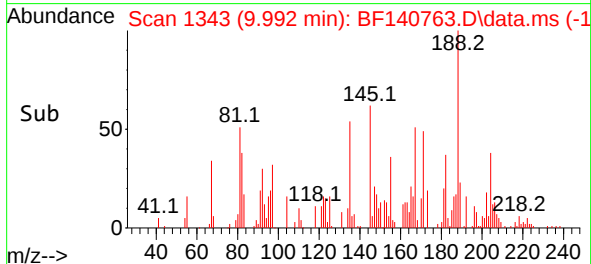
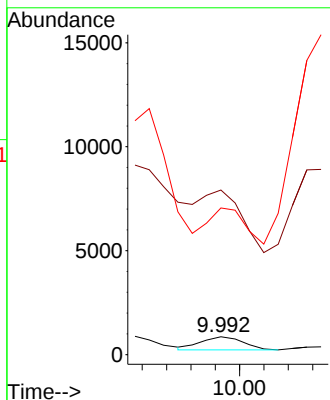
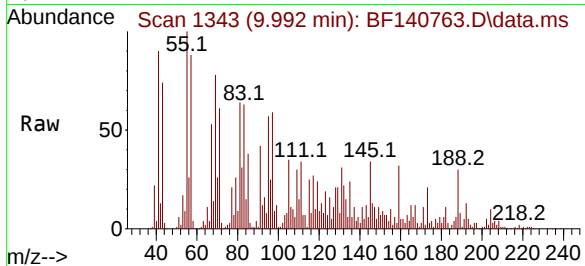




#54
2,4-Dinitrophenol
Concen: 8.736 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

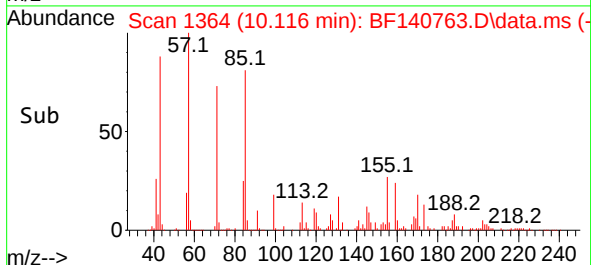
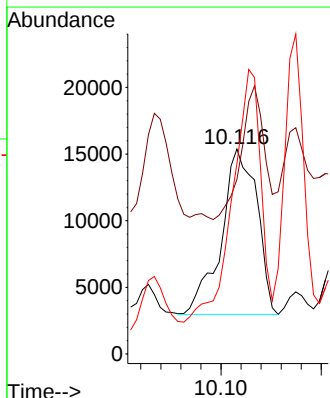
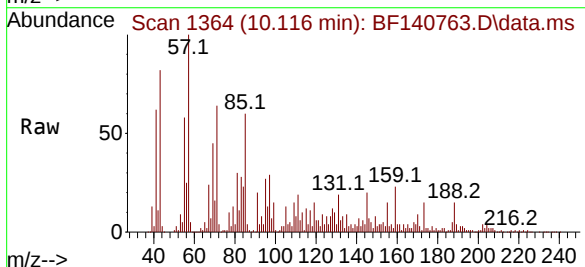
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

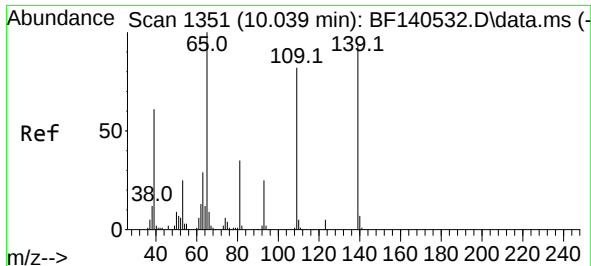
Tgt Ion:184 Resp: 759
Ion Ratio Lower Upper
184 100
63 922.2 54.1 81.1#
154 821.3 57.4 86.0#



#55
Dibenzofuran
Concen: 3.837 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion:168 Resp: 30820
Ion Ratio Lower Upper
168 100
139 85.2 31.3 46.9#
169 92.9 10.5 15.7#

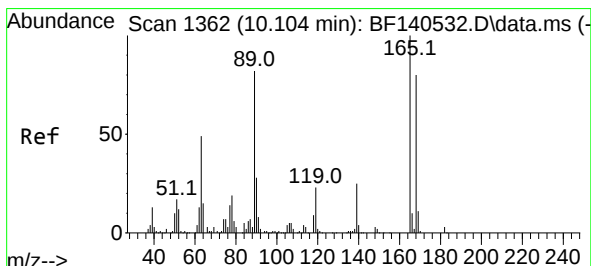
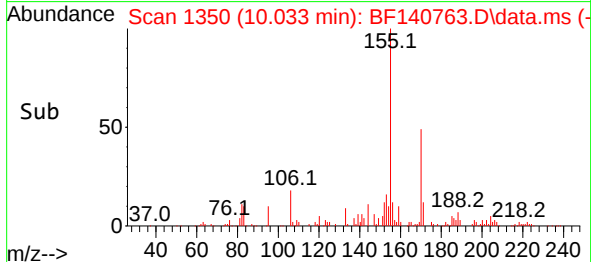
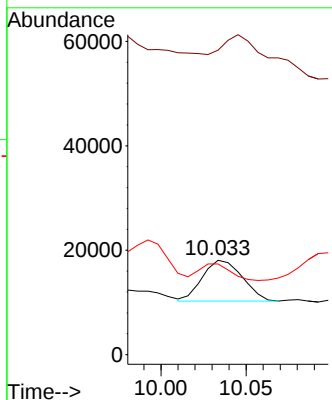
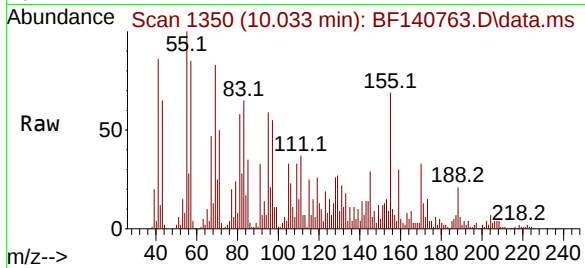




#56
4-Nitrophenol
Concen: 13.208 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

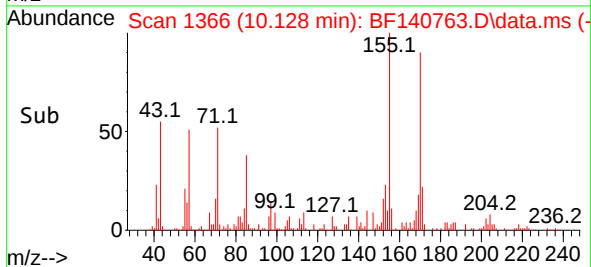
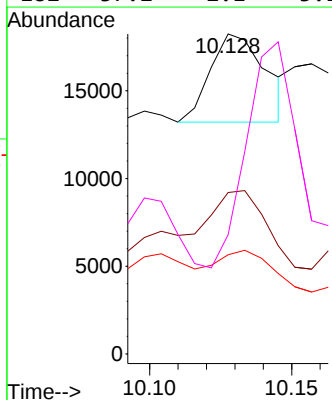
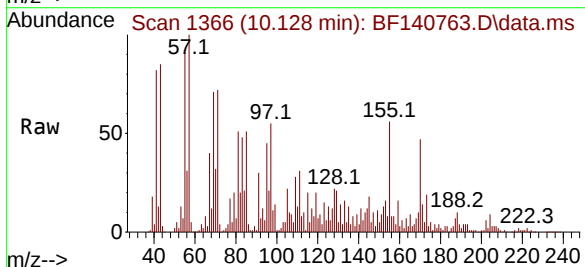
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

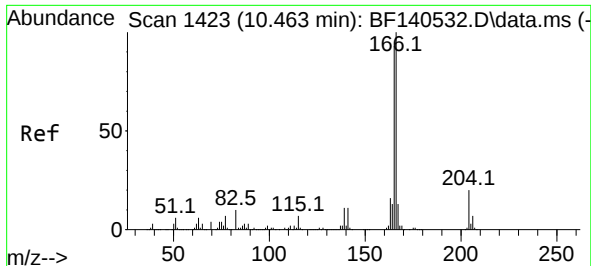
Tgt Ion:139 Resp: 12760
Ion Ratio Lower Upper
139 100
109 322.8 68.4 108.4#
65 96.2 88.6 128.6



#57
2,4-Dinitrotoluene
Concen: 3.543 ng
RT: 10.128 min Scan# 1366
Delta R.T. 0.024 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion:165 Resp: 6820
Ion Ratio Lower Upper
165 100
63 50.4 41.7 62.5
89 31.0 65.8 98.8#
182 37.2 2.1 3.1#

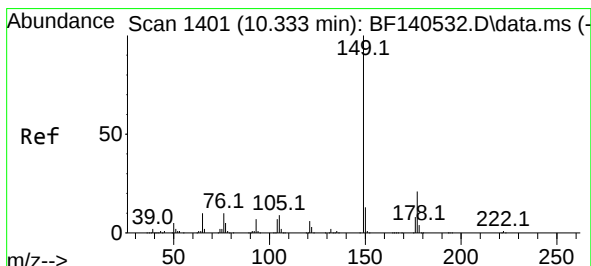
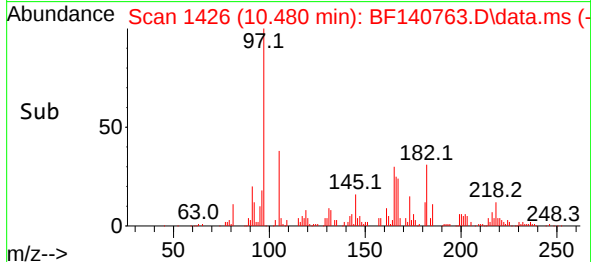
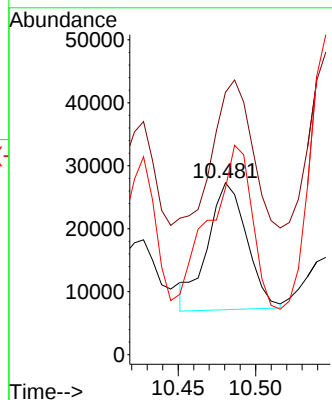
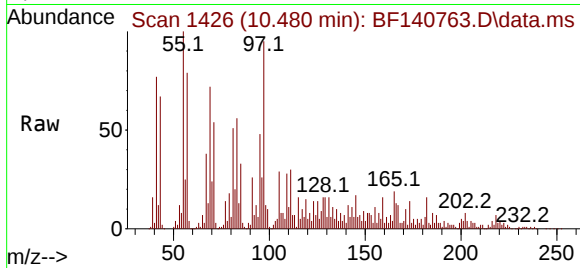




#58
Fluorene
Concen: 5.509 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.018 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

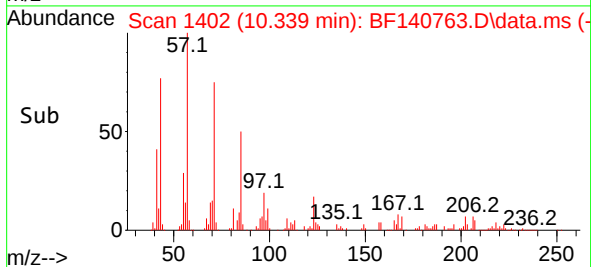
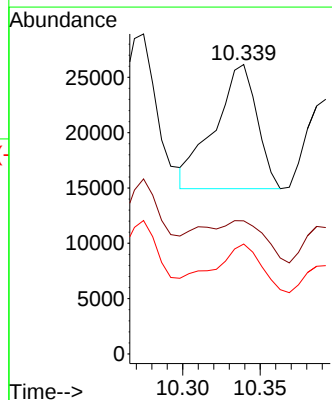
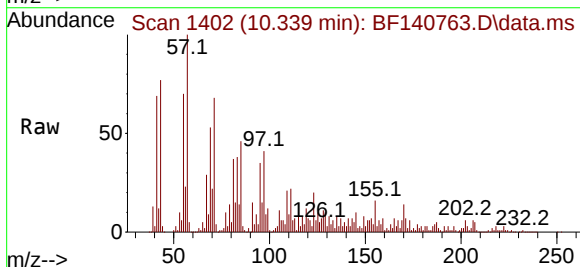
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

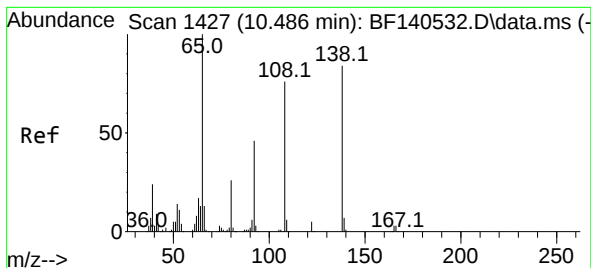
Tgt Ion:166 Resp: 35522
Ion Ratio Lower Upper
166 100
165 152.7 74.6 111.8#
167 96.9 10.6 16.0#



#60
Diethylphthalate
Concen: 3.291 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion:149 Resp: 21355
Ion Ratio Lower Upper
149 100
177 46.0 17.1 25.7#
150 38.0 10.1 15.1#

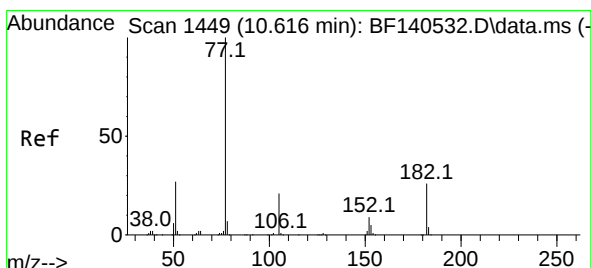
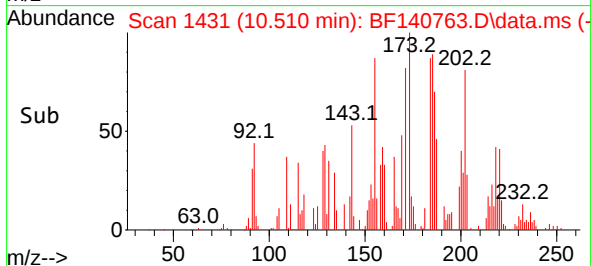
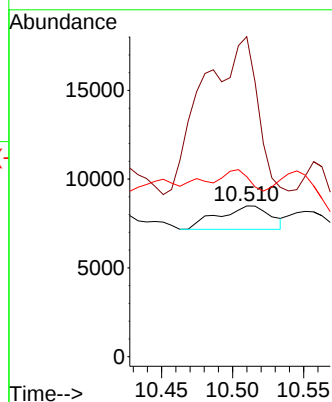
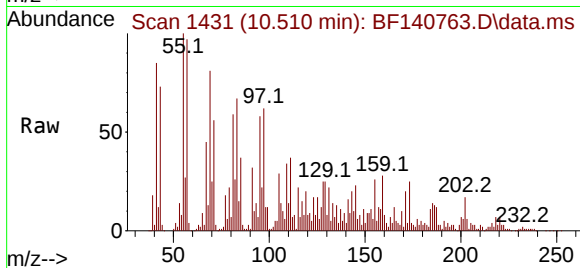




#62
4-Nitroaniline
Concen: 2.255 ng
RT: 10.510 min Scan# 1410
Delta R.T. 0.024 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

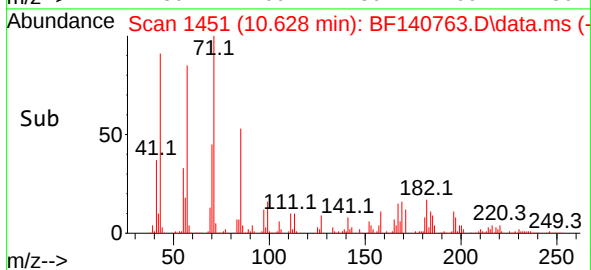
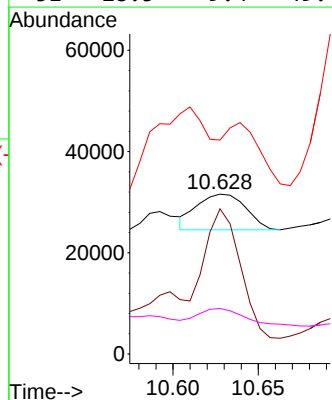
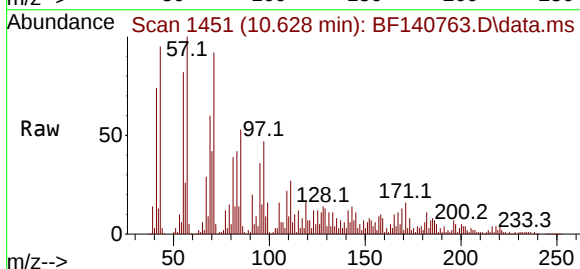
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

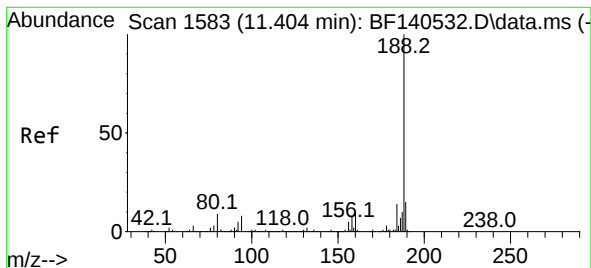
Tgt Ion:138 Resp: 3350
Ion Ratio Lower Upper
138 100
92 212.3 34.5 74.5#
108 119.4 70.6 110.6#



#63
Azobenzene
Concen: 2.288 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.012 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion: 77 Resp: 14057
Ion Ratio Lower Upper
77 100
182 90.8 5.3 45.3#
105 133.8 0.3 40.3#
51 28.5 9.4 49.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

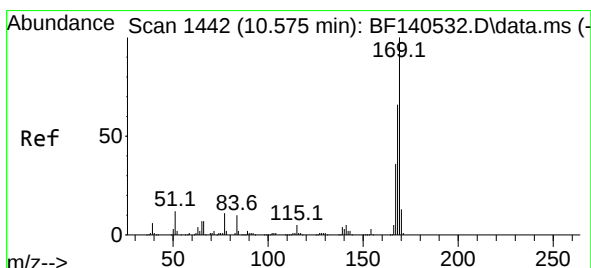
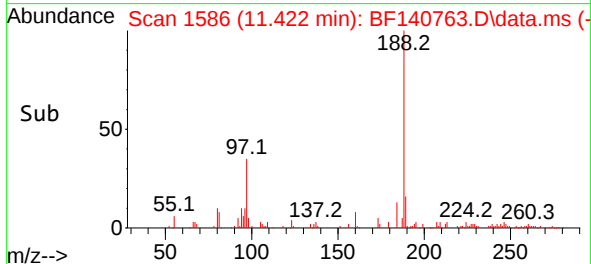
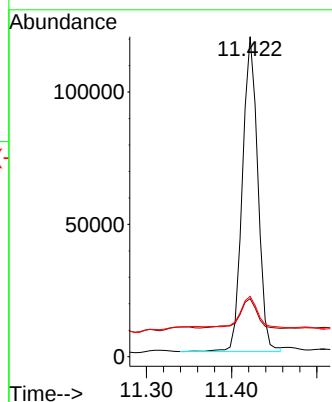
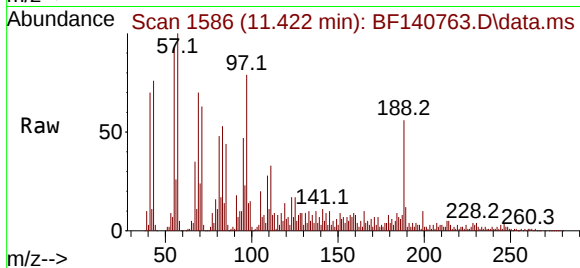
Tgt Ion:188 Resp: 149935

Ion Ratio Lower Upper

188 100

94 18.2 6.4 9.6#

80 18.9 6.9 10.3#



#66

n-Nitrosodiphenylamine

Concen: 23.407 ng

RT: 10.580 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

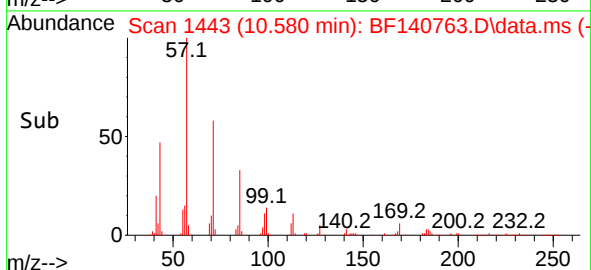
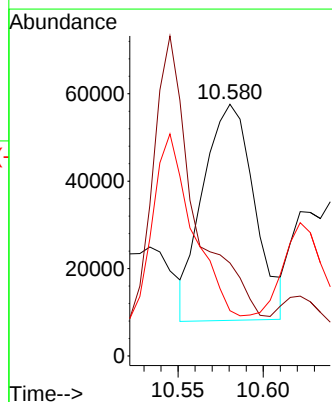
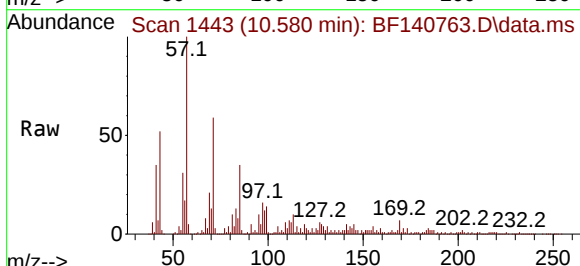
Tgt Ion:169 Resp: 103784

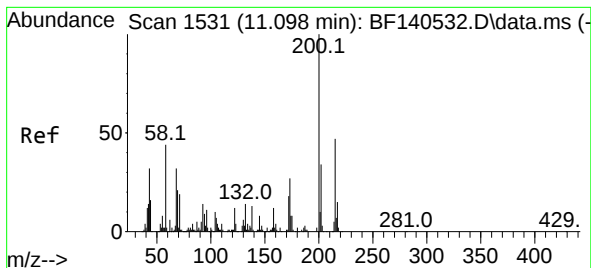
Ion Ratio Lower Upper

169 100

168 36.9 53.2 79.8#

167 18.0 29.0 43.6#





#69

Atrazine

Concen: 5.689 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

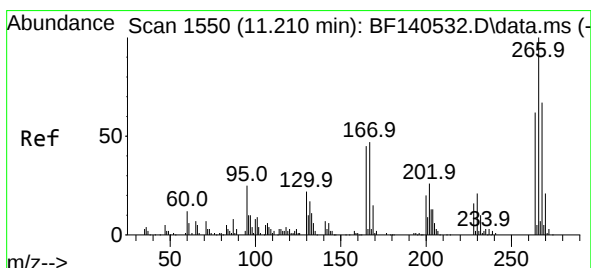
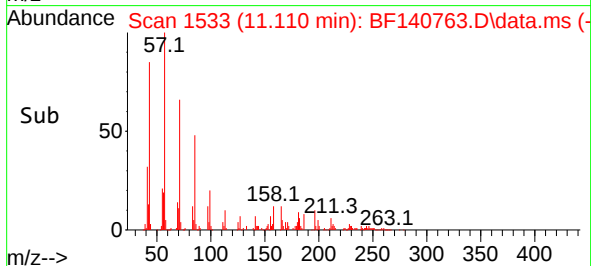
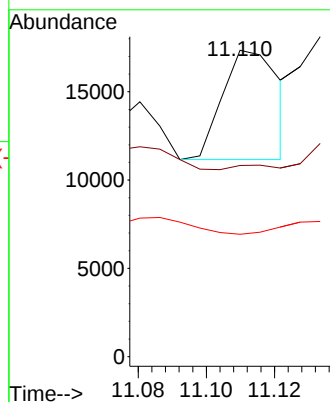
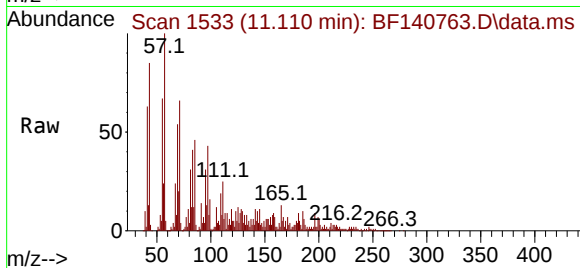
Tgt Ion:200 Resp: 7096

Ion Ratio Lower Upper

200 100

173 62.4 7.0 47.0#

215 39.9 26.7 66.7



#70

Pentachlorophenol

Concen: 4.074 ng

RT: 11.227 min Scan# 1553

Delta R.T. 0.017 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

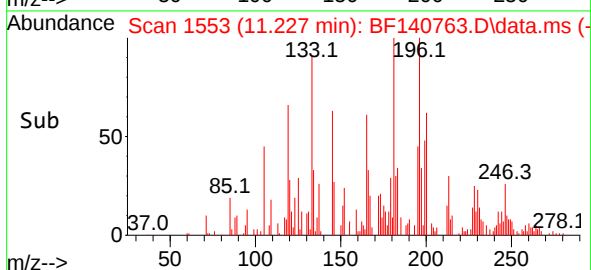
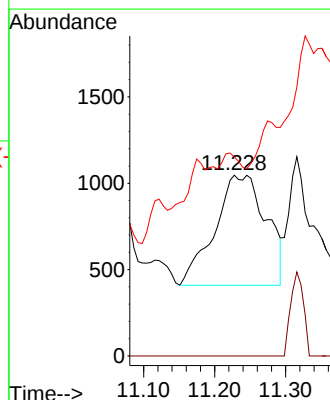
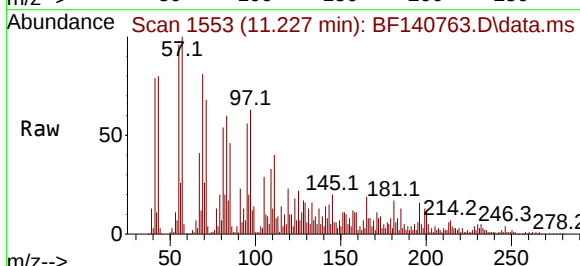
Tgt Ion:266 Resp: 3206

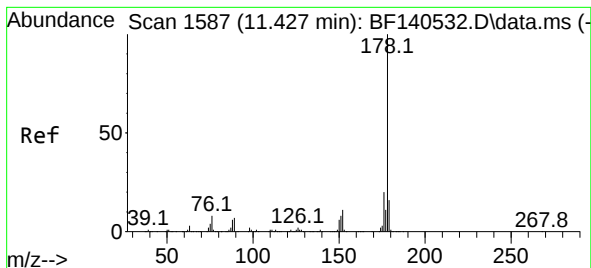
Ion Ratio Lower Upper

266 100

268 0.0 53.7 80.5#

264 110.0 49.8 74.8#





#71

Phenanthrene

Concen: 7.981 ng

RT: 11.445 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

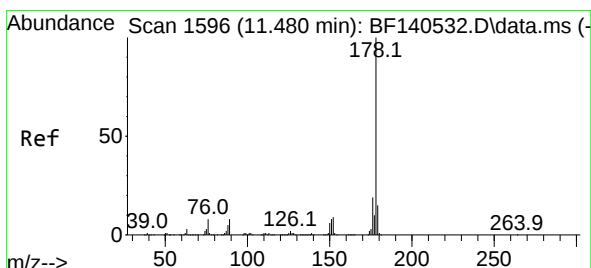
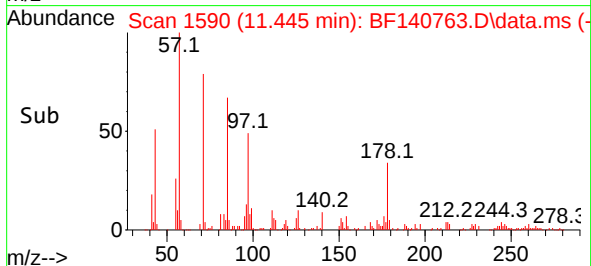
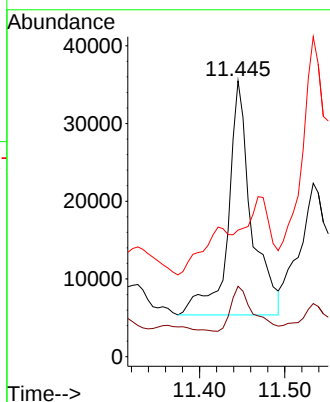
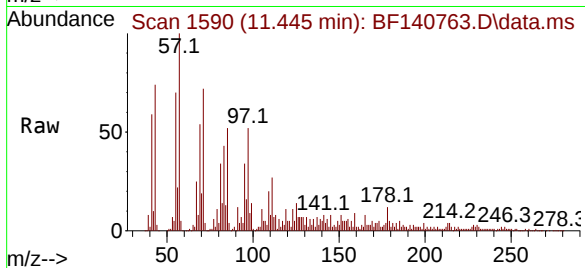
Tgt Ion:178 Resp: 57524

Ion Ratio Lower Upper

178 100

176 25.5 15.8 23.6#

179 45.9 12.4 18.6#



#72

Anthracene

Concen: 3.593 ng

RT: 11.533 min Scan# 1605

Delta R.T. 0.053 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

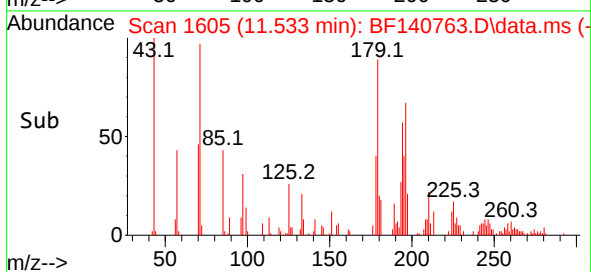
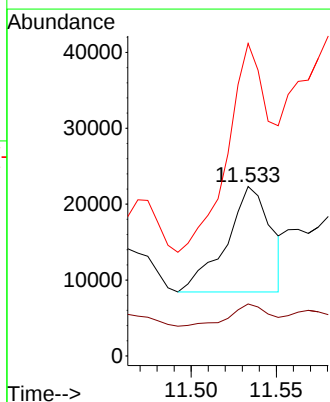
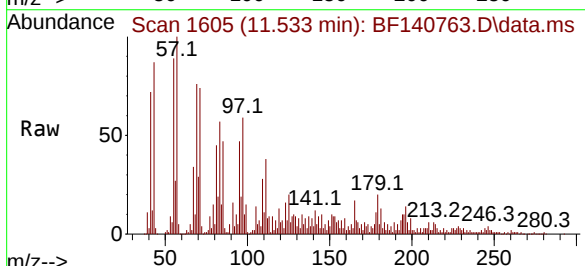
Tgt Ion:178 Resp: 25330

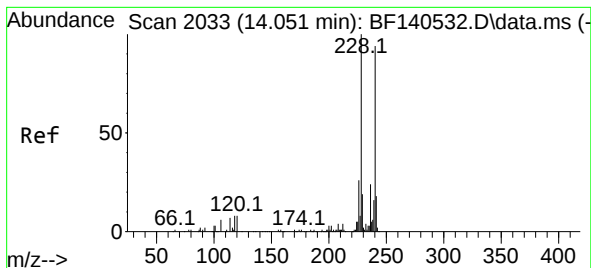
Ion Ratio Lower Upper

178 100

176 30.6 15.0 22.4#

179 184.4 12.2 18.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.035 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

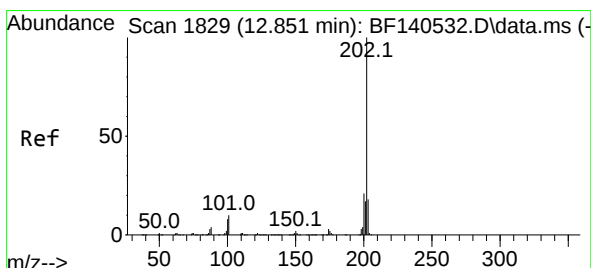
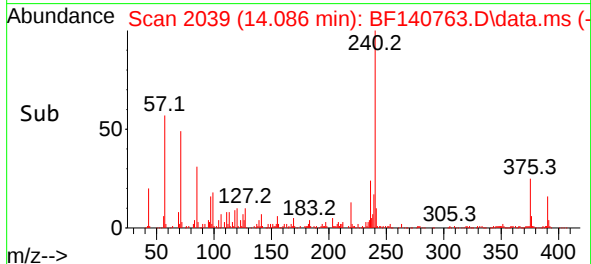
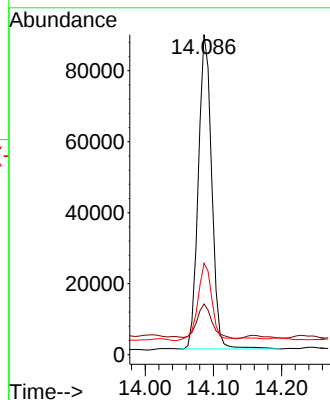
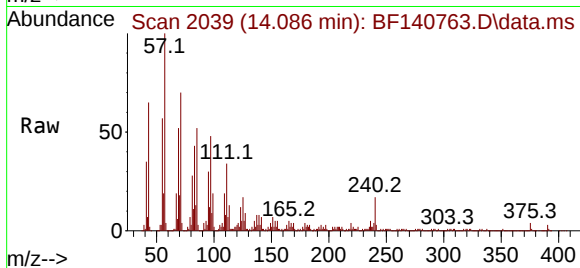
Tgt Ion:240 Resp: 120887

Ion Ratio Lower Upper

240 100

120 15.8 7.3 10.9#

236 28.6 20.6 31.0



#78

Pyrene

Concen: 4.738 ng

RT: 12.892 min Scan# 1836

Delta R.T. 0.041 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

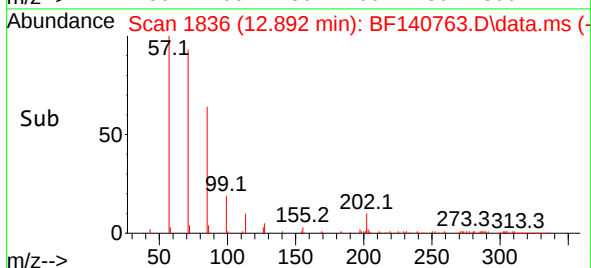
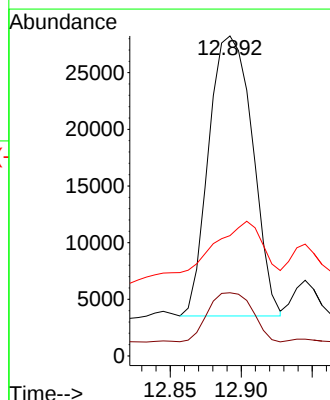
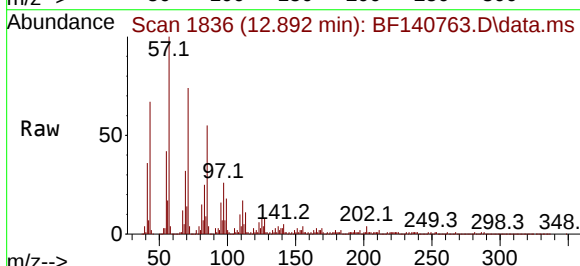
Tgt Ion:202 Resp: 52959

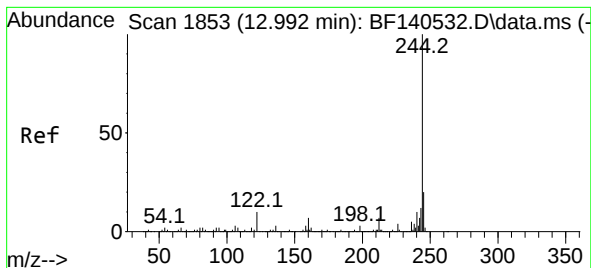
Ion Ratio Lower Upper

202 100

200 19.7 16.5 24.7

203 37.6 14.2 21.4#





#79

Terphenyl-d14

Concen: 27.576 ng

RT: 13.016 min Scan# 1853

Delta R.T. 0.024 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374

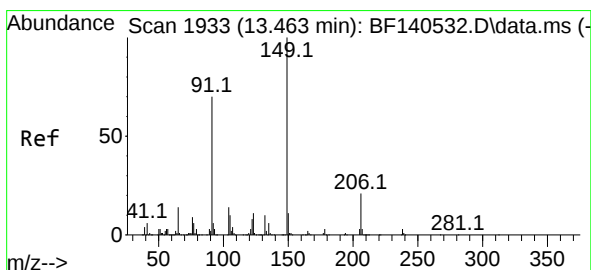
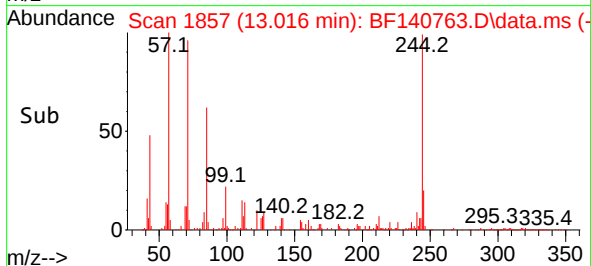
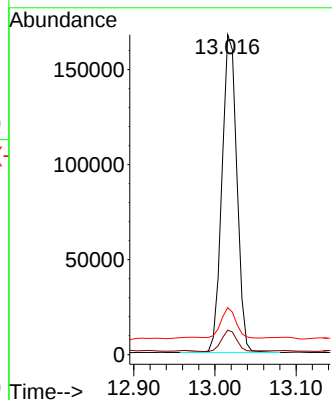
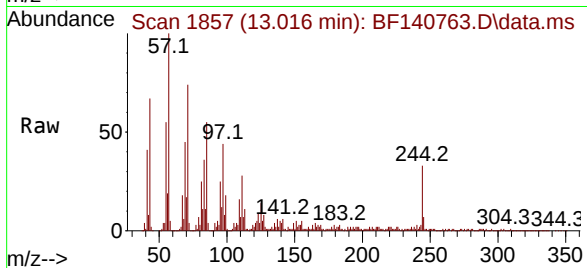
Tgt Ion:244 Resp: 214084

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 14.7 8.0 12.0#



#80

Butylbenzylphthalate

Concen: 3.204 ng

RT: 13.480 min Scan# 1936

Delta R.T. 0.018 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

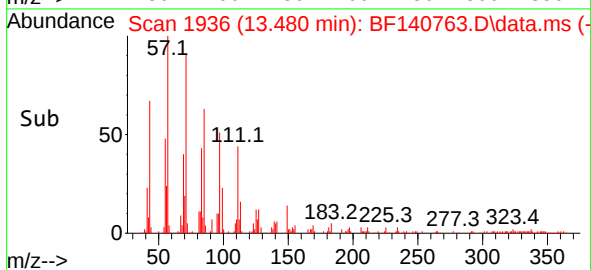
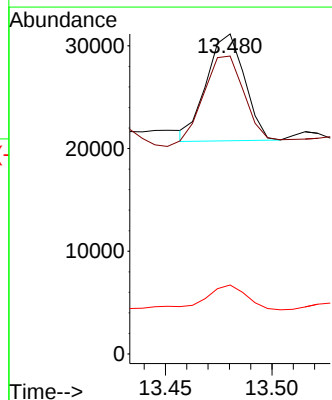
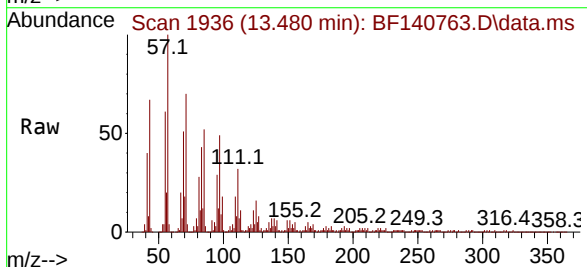
Tgt Ion:149 Resp: 12900

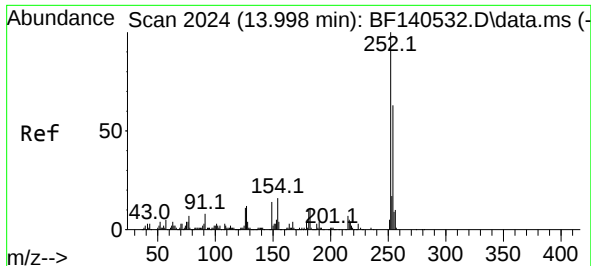
Ion Ratio Lower Upper

149 100

91 93.1 56.2 84.2#

206 21.6 16.4 24.6

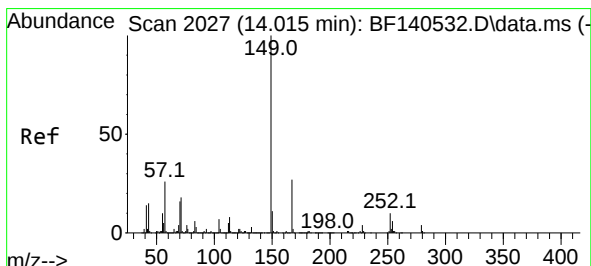
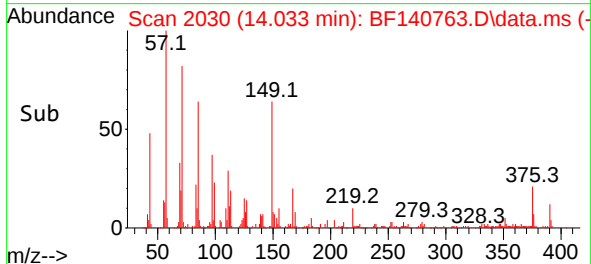
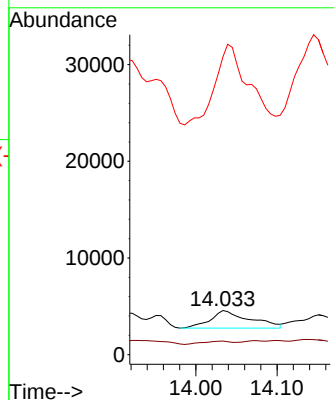
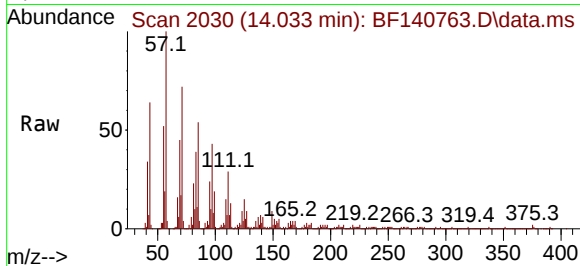




#82
3,3'-Dichlorobenzidine
Concen: 2.555 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.035 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

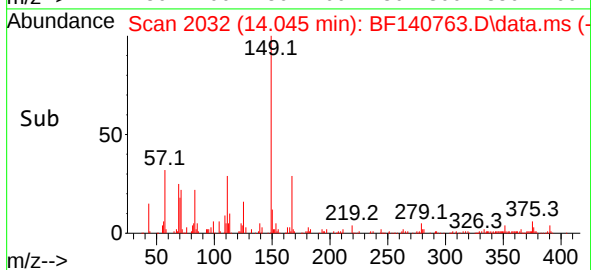
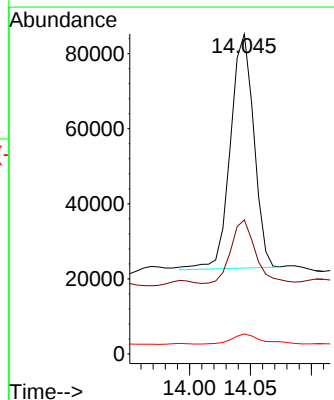
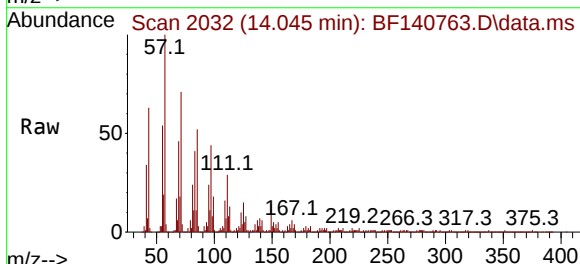
Instrument :
BNA_F
ClientSampleId :
MOO-24-00374

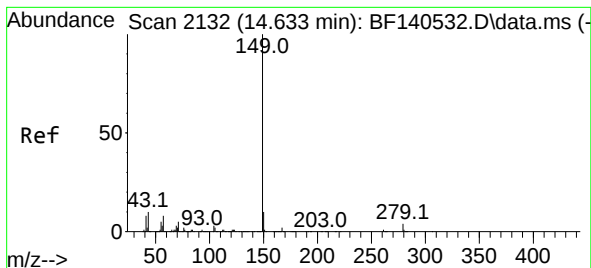
Tgt Ion:252 Resp: 6139
Ion Ratio Lower Upper
252 100
254 30.7 50.8 76.2#
126 673.2 8.6 13.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 16.373 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.029 min
Lab File: BF140763.D
Acq: 06 Dec 2024 13:48

Tgt Ion:149 Resp: 83246
Ion Ratio Lower Upper
149 100
167 41.9 21.2 31.8#
279 6.3 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 3.171 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140763.D

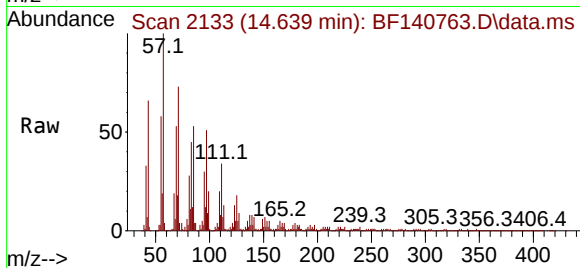
Acq: 06 Dec 2024 13:48

Instrument :

BNA_F

ClientSampleId :

MOO-24-00374



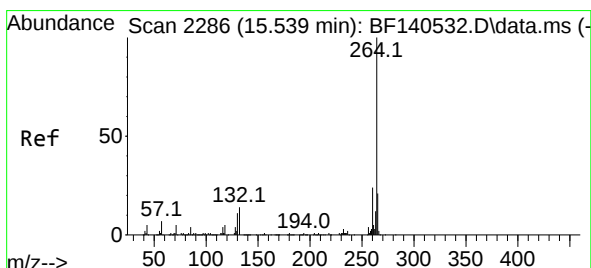
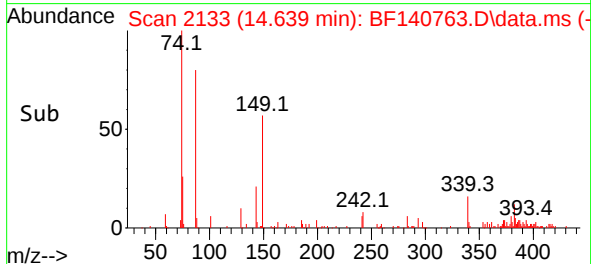
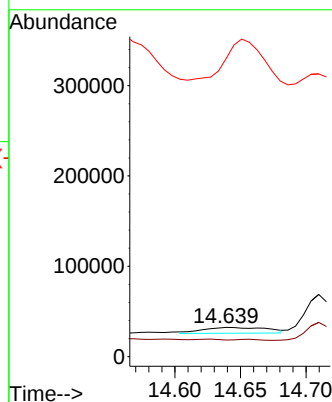
Tgt Ion:149 Resp: 22033

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 433.5 7.7 11.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 2297

Delta R.T. 0.065 min

Lab File: BF140763.D

Acq: 06 Dec 2024 13:48

Tgt Ion:264 Resp: 110610

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.1 16.6 25.0

