

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140165.D
 Acq On : 30 Oct 2024 18:39
 Operator : RC/JU
 Sample : P4612-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-24-00335

Quant Time: Nov 01 02:18:00 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	6.881	152	111654	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	411076	20.000	ng	-0.01
39) Acenaphthene-d10	10.004	164	113471	20.000	ng	# 0.08
64) Phenanthrene-d10	11.574	188	105689	20.000	ng	# 0.16
76) Chrysene-d12	14.309	240	168273	20.000	ng	# 0.26
86) Perylene-d12	15.751	264	156787	20.000	ng	0.22
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	327652	45.940	ng	-0.01
7) Phenol-d6	6.498	99	412163	44.619	ng	-0.01
23) Nitrobenzene-d5	7.439	82	287225	38.725	ng	-0.01
42) 2,4,6-Tribromophenol	10.845	330	52319	49.294	ng	0.13
45) 2-Fluorobiphenyl	9.274	172	382260	55.676	ng	0.02
79) Terphenyl-d14	13.239	244	189102	18.312	ng	0.24
Target Compounds						Qvalue
6) Aniline	6.586	93	51017	5.926	ng	# 48
25) Isophorone	7.439	82	284828	20.233	ng	# 67
35) Caprolactam	8.604	113	8331	4.497	ng	# 1
36) 4-Chloro-3-methylphenol	8.751	107	13349	2.069	ng	# 27
43) 2,4,6-Trichlorophenol	9.227	196	6817	3.145	ng	# 16
44) 2,4,5-Trichlorophenol	9.227	196	6817	3.049	ng	# 1
46) 1,1'-Biphenyl	9.386	154	156713	19.839	ng	78
48) 2-Nitroaniline	9.533	65	22401	11.512	ng	# 73
49) Acenaphthylene	9.857	152	35770	3.889	ng	# 1
50) Dimethylphthalate	9.651	163	173925	24.608	ng	# 1
51) 2,6-Dinitrotoluene	9.680	165	78014	50.978	ng	# 31
52) Acenaphthene	9.998	154	31237	5.250	ng	# 1
53) 3-Nitroaniline	9.798	138	10554	6.688	ng	# 29
54) 2,4-Dinitrophenol	9.986	184	4177	12.561	ng	# 1
55) Dibenzofuran	10.216	168	31204	3.655	ng	# 1
56) 4-Nitrophenol	10.004	139	33350	27.468	ng	# 1
57) 2,4-Dinitrotoluene	10.198	165	8589	4.564	ng	# 34
58) Fluorene	10.545	166	36426	5.602	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.510	232	163071	93.026	ng	# 47
60) Diethylphthalate	10.345	149	38816	5.593	ng	# 16
61) 4-Chlorophenyl-phenyle...	10.616	204	12787	3.894	ng	# 1
62) 4-Nitroaniline	10.521	138	45049	30.224	ng	# 66
65) 4,6-Dinitro-2-methylph...	10.592	198	14186	32.906	ng	# 1
66) n-Nitrosodiphenylamine	10.745	169	107128	33.867	ng	# 51
67) 4-Bromophenyl-phenylether	11.004	248	4612	4.236	ng	# 1
69) Atrazine	11.163	200	11443	13.354	ng	# 1
70) Pentachlorophenol	11.386	266	2050	2.758	ng	# 1
71) Phenanthrene	11.604	178	67472	13.515	ng	# 1
72) Anthracene	11.604	178	67472	13.852	ng	# 1
73) Carbazole	11.786	167	10046	2.218	ng	# 1
74) Di-n-butylphthalate	12.121	149	20763	3.967	ng	# 16
75) Fluoranthene	12.863	202	68429	13.559	ng	# 1
78) Pyrene	13.110	202	40849	2.773	ng	# 1
81) Benzo(a)anthracene	14.327	228	67493	6.161	ng	# 21
83) Chrysene	14.327	228	66884	6.659	ng	# 28
84) Bis(2-ethylhexyl)phtha...	14.233	149	43923	8.865	ng	# 48

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

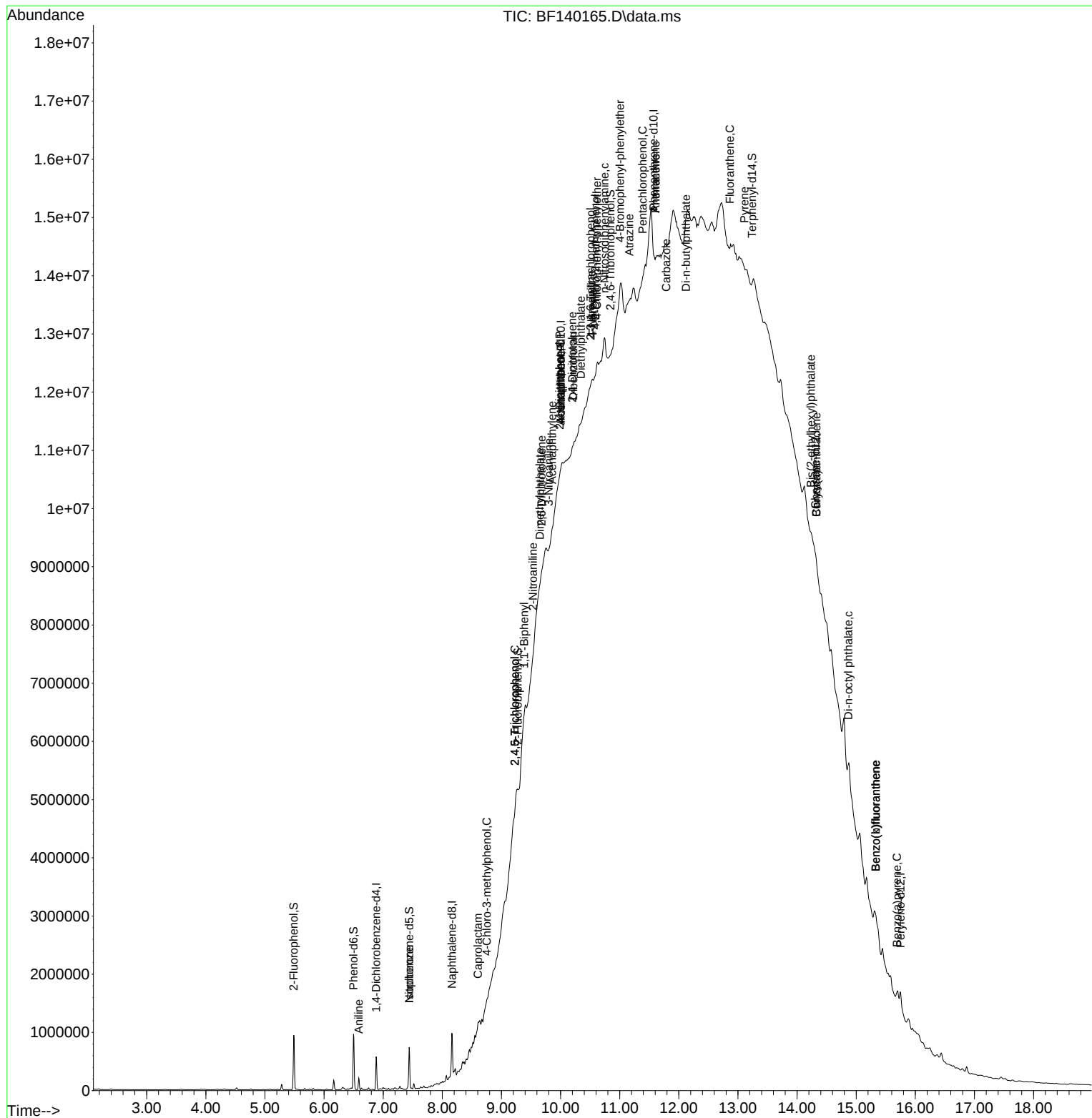
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	14.868	149	34025	3.776	ng #	72
88) Benzo(b)fluoranthene	15.333	252	69556	7.283	ng #	1
89) Benzo(k)fluoranthene	15.333	252	69556	8.445	ng #	1
90) Benzo(a)pyrene	15.692	252	21455	2.730	ng #	1

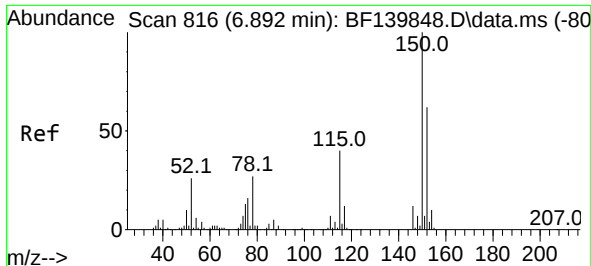
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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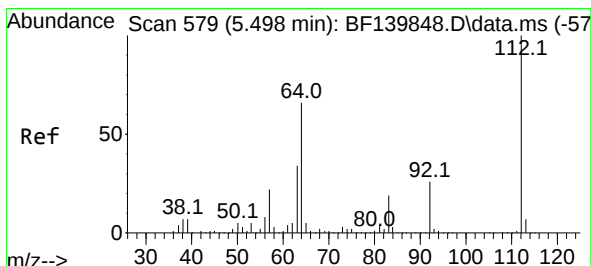
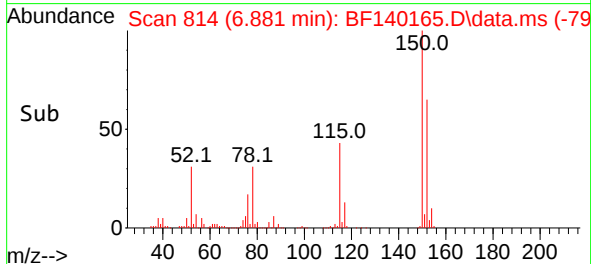
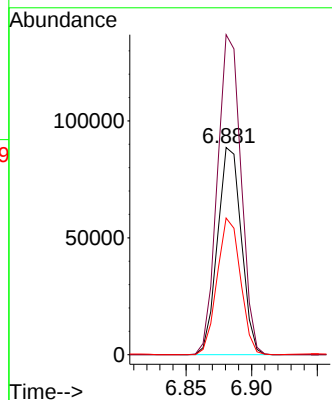
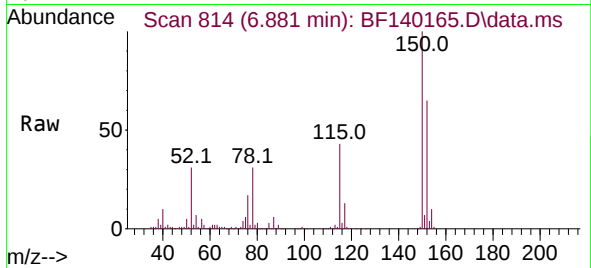




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

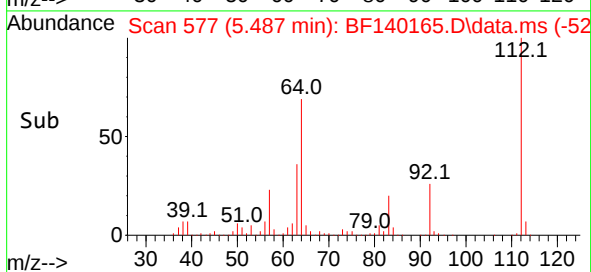
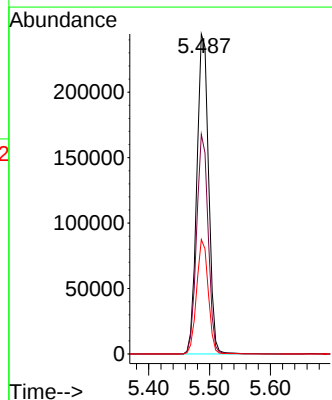
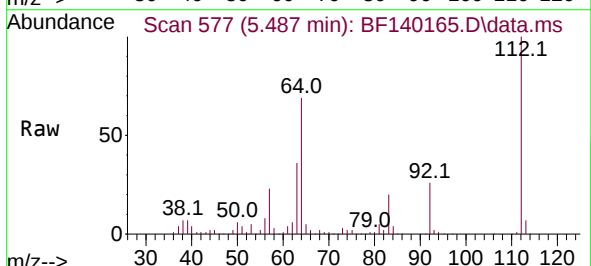
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

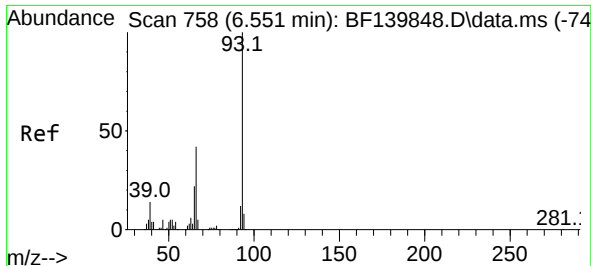
Tgt Ion:152 Resp: 111654
Ion Ratio Lower Upper
152 100
150 154.4 130.2 195.2
115 66.0 51.4 77.2



#5
2-Fluorophenol
Concen: 45.940 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.012 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion:112 Resp: 327652
Ion Ratio Lower Upper
112 100
64 68.7 53.0 79.6
63 35.7 27.0 40.4

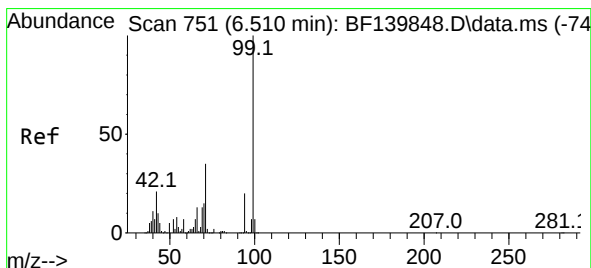
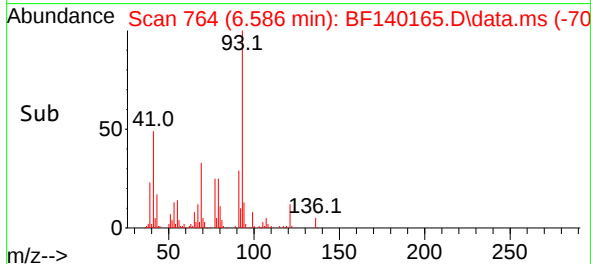
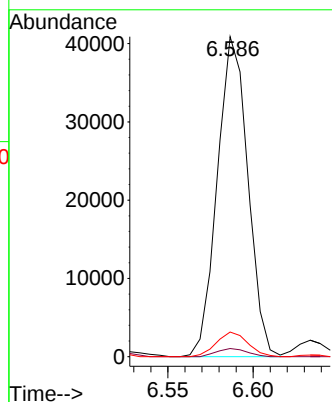
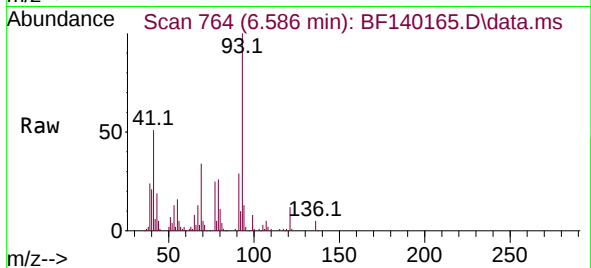




#6
Aniline
Concen: 5.926 ng
RT: 6.586 min Scan# 70
Delta R.T. 0.035 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

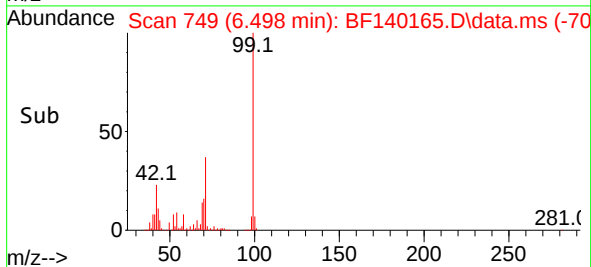
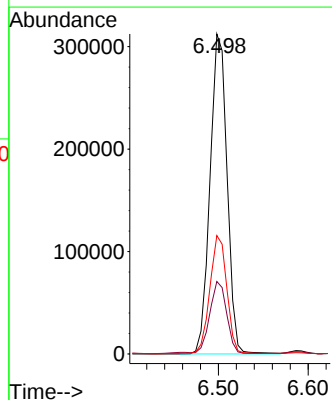
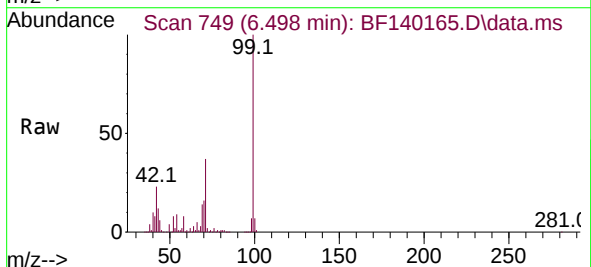
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

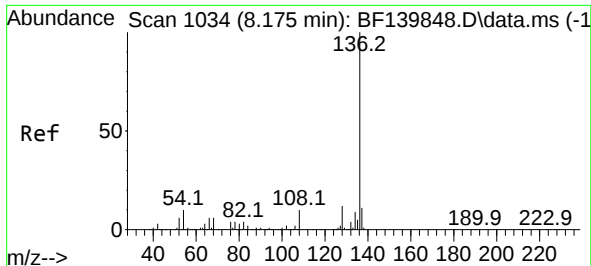
Tgt Ion: 93 Resp: 51017
Ion Ratio Lower Upper
93 100
66 2.5 34.0 51.0#
65 7.7 17.4 26.0#



#7
Phenol-d6
Concen: 44.619 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion: 99 Resp: 412163
Ion Ratio Lower Upper
99 100
42 22.6 16.7 25.1
71 37.0 27.7 41.5



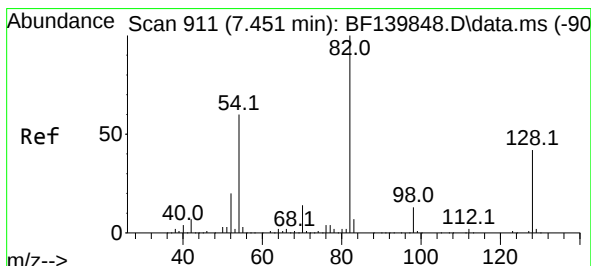
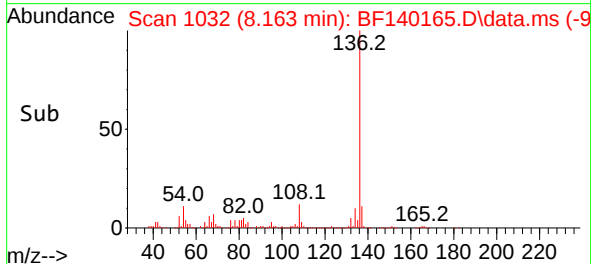
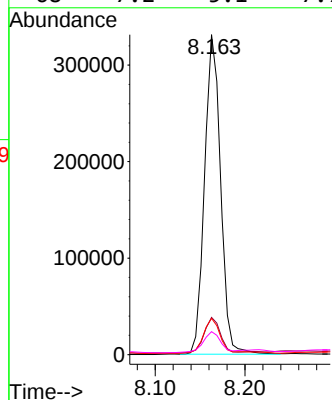
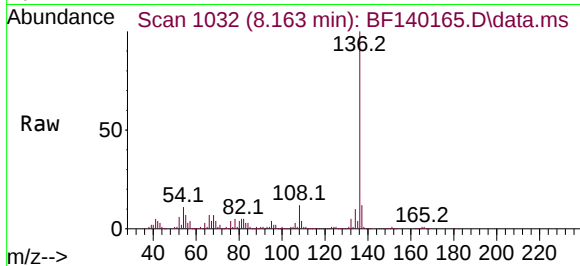


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

Tgt Ion:136 Resp: 411076

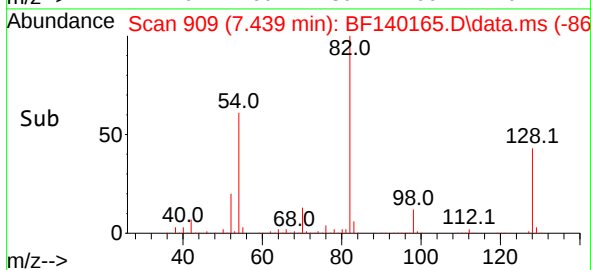
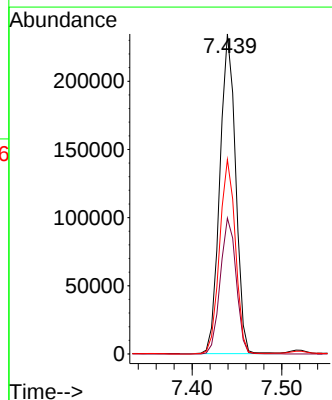
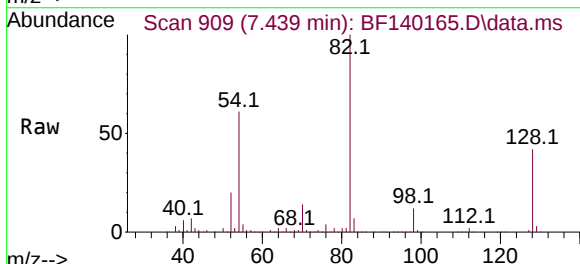
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	11.3	8.4	12.6
68	7.2	5.1	7.7

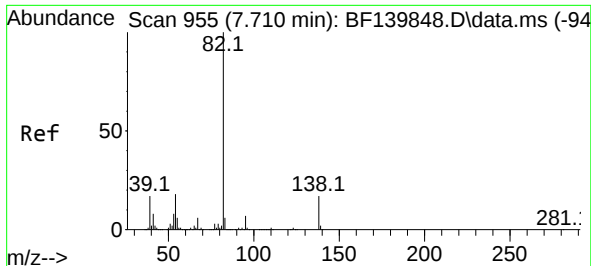


#23
Nitrobenzene-d5
Concen: 38.725 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion: 82 Resp: 287225

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	60.8	47.8	71.8

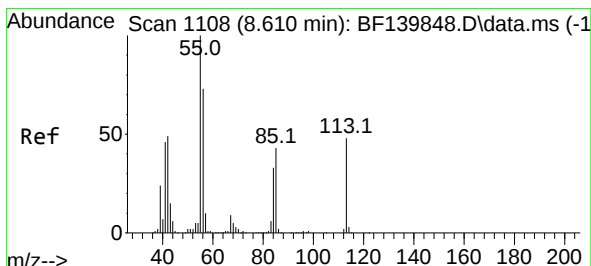
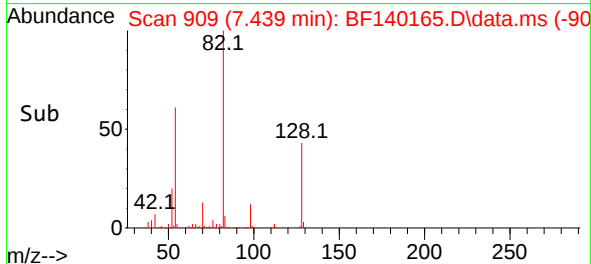
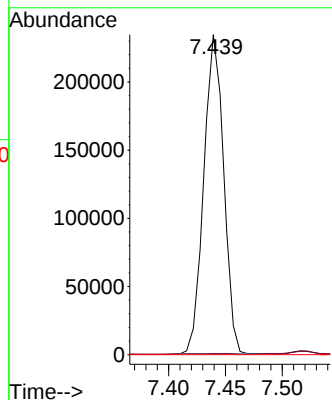
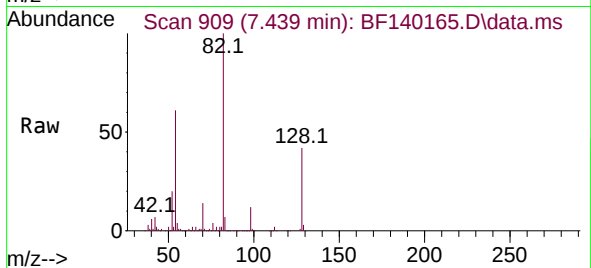




#25
Isophorone
Concen: 20.233 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

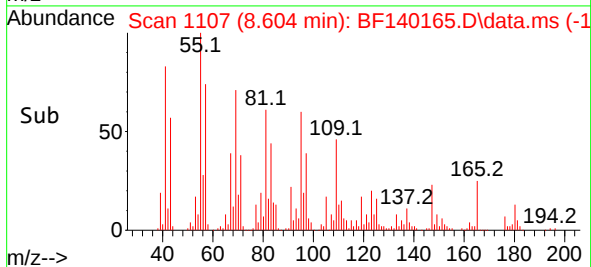
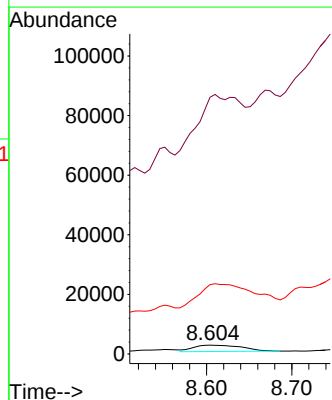
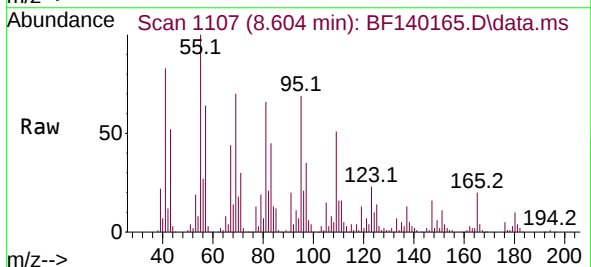
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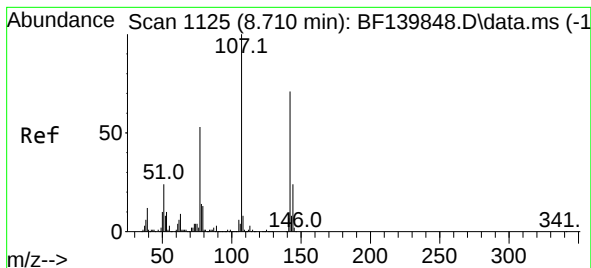
Tgt Ion: 82 Resp: 284828
Ion Ratio Lower Upper
82 100
95 0.3 5.5 8.3#
138 0.0 13.2 19.8#



#35
Caprolactam
Concen: 4.497 ng
RT: 8.604 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion: 113 Resp: 8331
Ion Ratio Lower Upper
113 100
55 2924.3 189.2 229.2#
56 789.9 132.5 172.5#

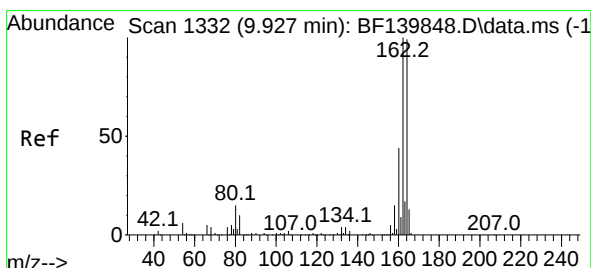
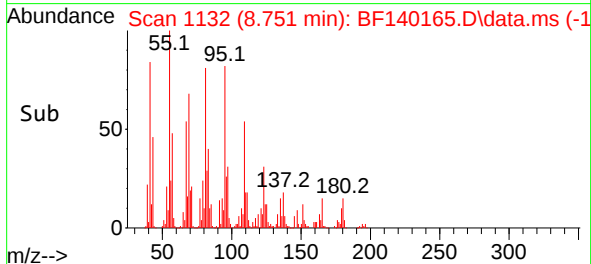
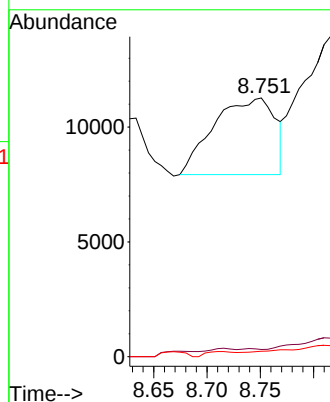
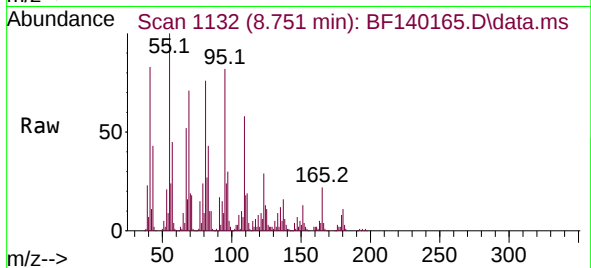




#36
4-Chloro-3-methylphenol
Concen: 2.069 ng
RT: 8.751 min Scan# 1125
Delta R.T. 0.041 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

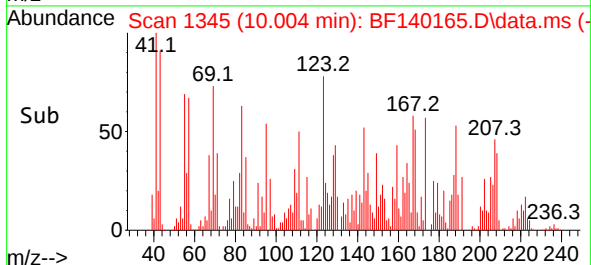
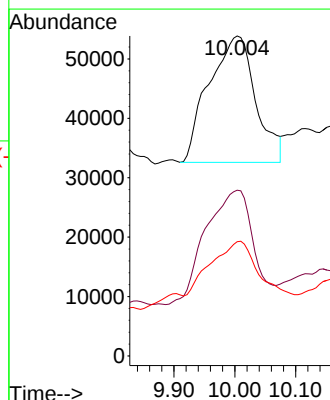
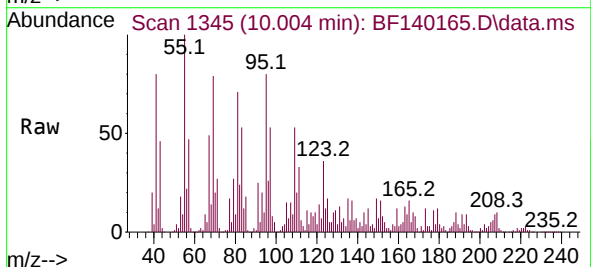
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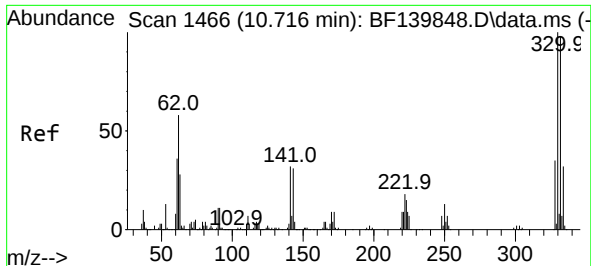
Tgt Ion:107 Resp: 13349
Ion Ratio Lower Upper
107 100
144 2.8 19.1 28.7#
142 2.1 57.2 85.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1345
Delta R.T. 0.077 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion:164 Resp: 113471
Ion Ratio Lower Upper
164 100
162 51.8 81.0 121.4#
160 35.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 49.294 ng

RT: 10.845 min Scan# 1466

Delta R.T. 0.129 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

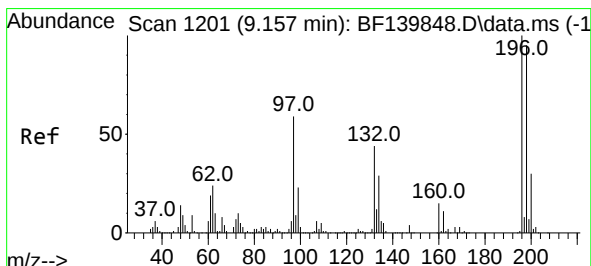
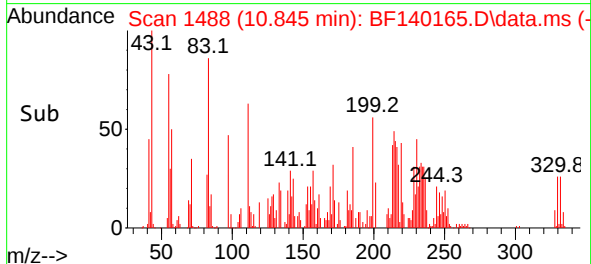
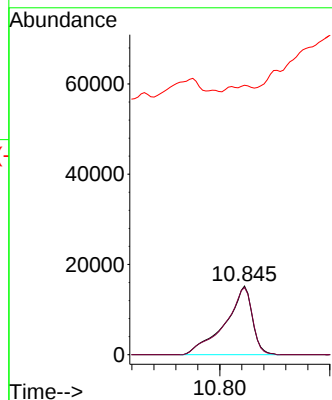
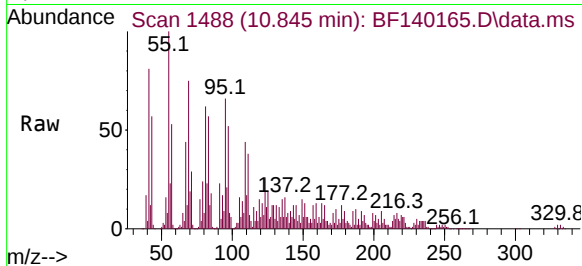
Tgt Ion:330 Resp: 52319

Ion Ratio Lower Upper

330 100

332 99.3 78.1 117.1

141 0.0 26.6 39.8#



#43

2,4,6-Trichlorophenol

Concen: 3.145 ng

RT: 9.227 min Scan# 1213

Delta R.T. 0.071 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

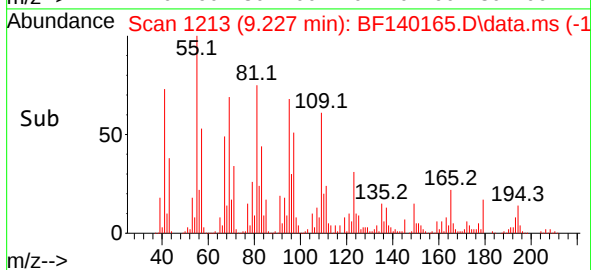
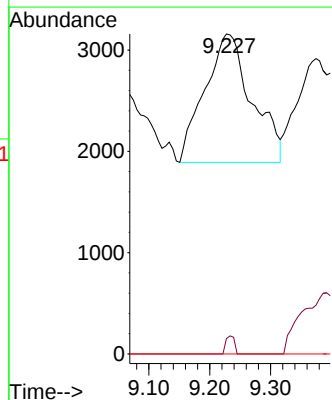
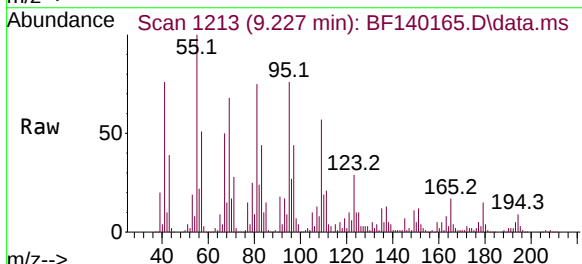
Tgt Ion:196 Resp: 6817

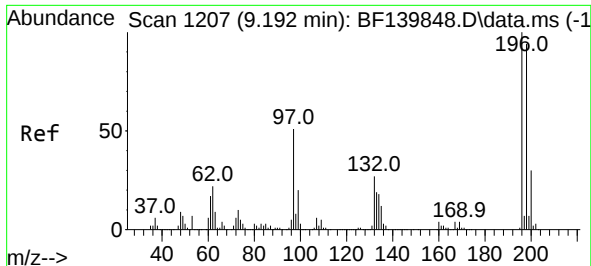
Ion Ratio Lower Upper

196 100

198 4.8 76.2 114.2#

200 0.0 24.0 36.0#

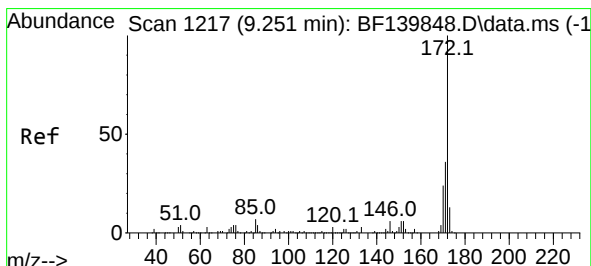
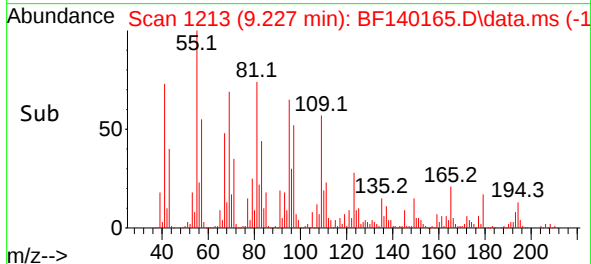
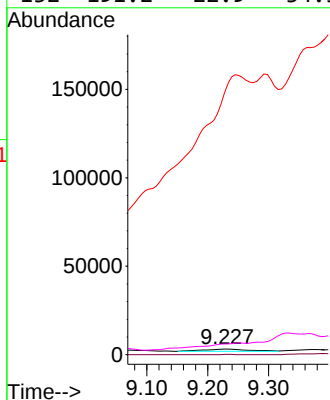
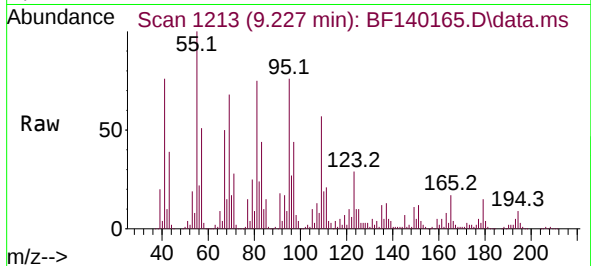




#44
2,4,5-Trichlorophenol
Concen: 3.049 ng
RT: 9.227 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

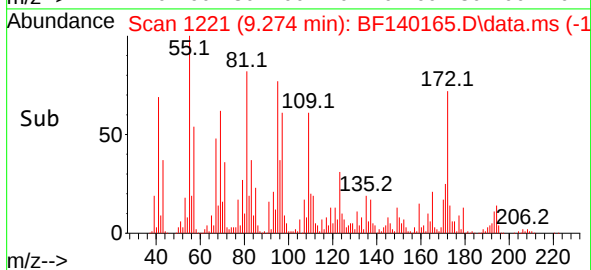
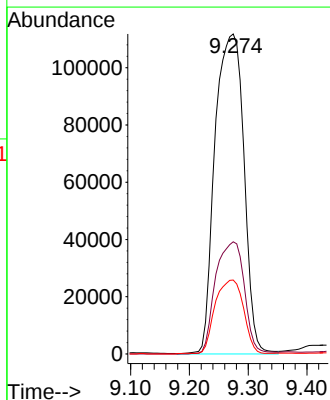
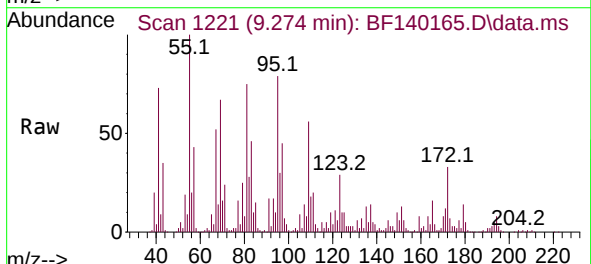
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

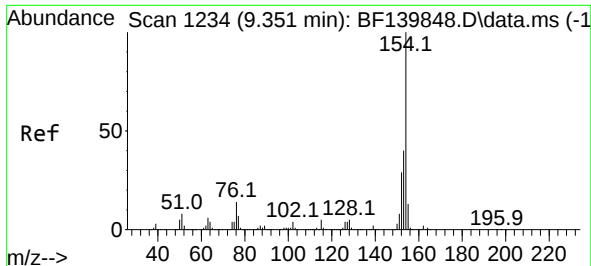
Tgt Ion:196 Resp: 6817
Ion Ratio Lower Upper
196 100
198 4.8 75.8 113.6#
97 4682.0 41.8 62.6#
132 191.2 22.9 34.3#



#45
2-Fluorobiphenyl
Concen: 55.676 ng
RT: 9.274 min Scan# 1221
Delta R.T. 0.023 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion:172 Resp: 382260
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.1 19.1 28.7

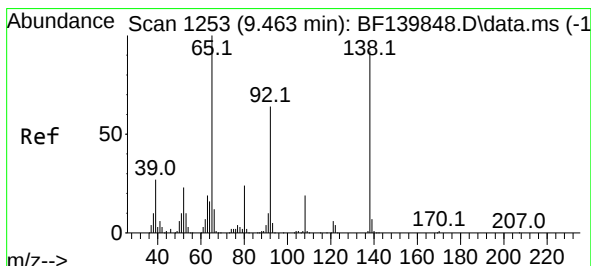
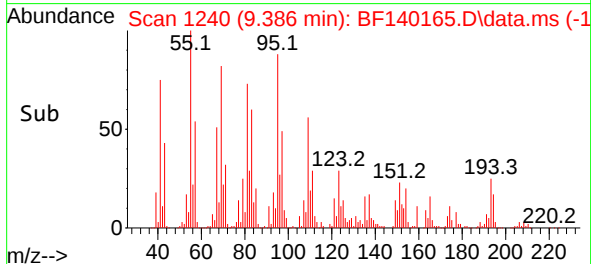
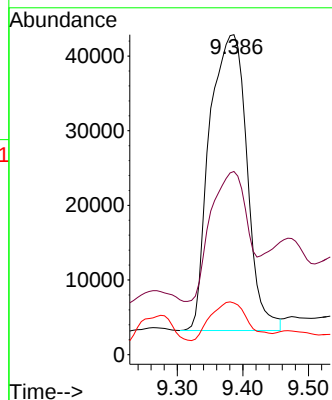
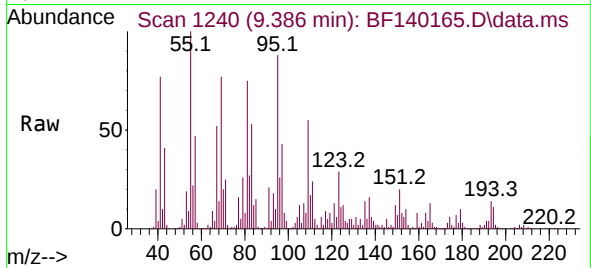




#46
1,1'-Biphenyl
Concen: 19.839 ng
RT: 9.386 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

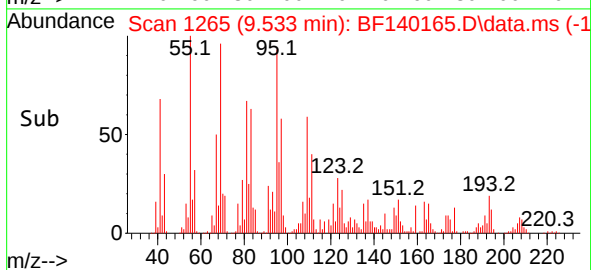
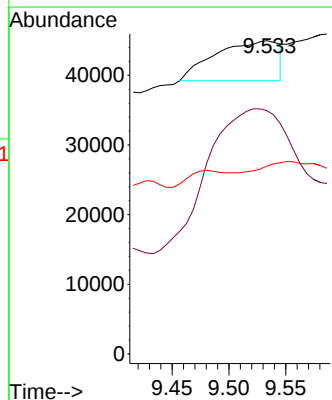
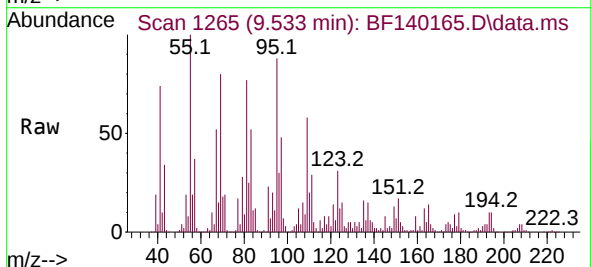
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

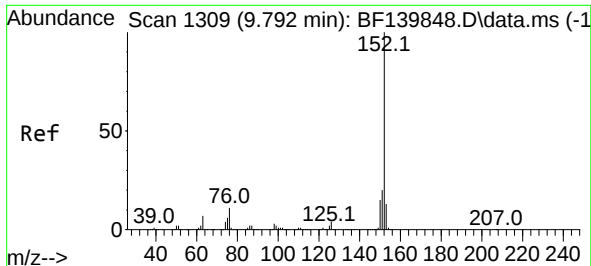
Tgt Ion:154 Resp: 156713
Ion Ratio Lower Upper
154 100
153 57.3 20.3 60.3
76 16.2 0.0 33.9



#48
2-Nitroaniline
Concen: 11.512 ng
RT: 9.533 min Scan# 1265
Delta R.T. 0.071 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion: 65 Resp: 22401
Ion Ratio Lower Upper
65 100
92 77.7 50.9 76.3#
138 60.0 73.4 110.0#





#49

Acenaphthylene

Concen: 3.889 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.065 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

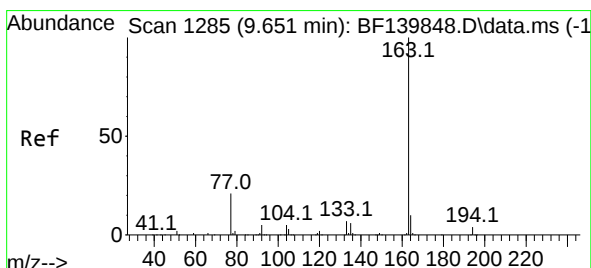
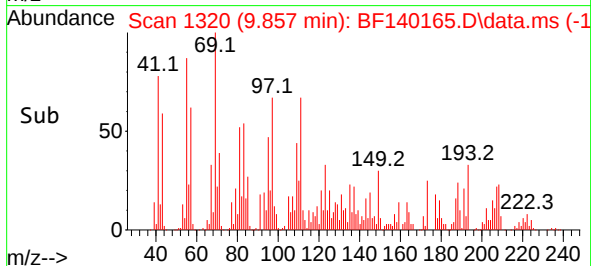
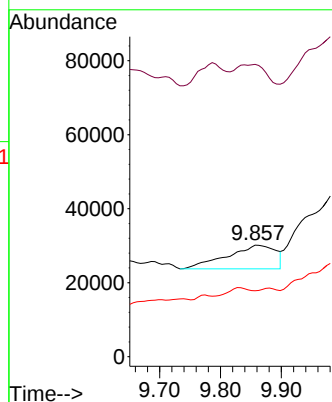
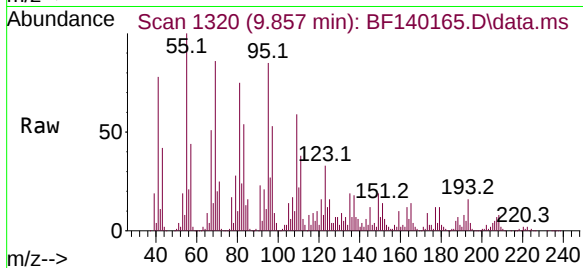
Tgt Ion:152 Resp: 35770

Ion Ratio Lower Upper

152 100

151 262.3 15.9 23.9#

153 59.2 10.7 16.1#



#50

Dimethylphthalate

Concen: 24.608 ng

RT: 9.651 min Scan# 1285

Delta R.T. -0.000 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

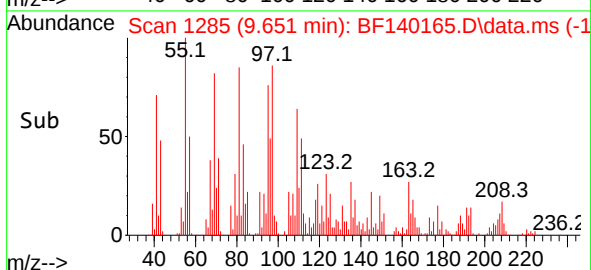
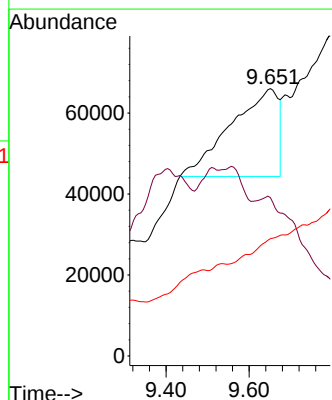
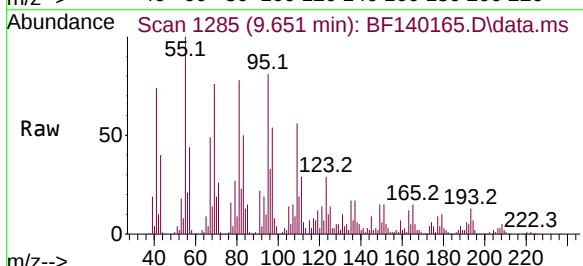
Tgt Ion:163 Resp: 173925

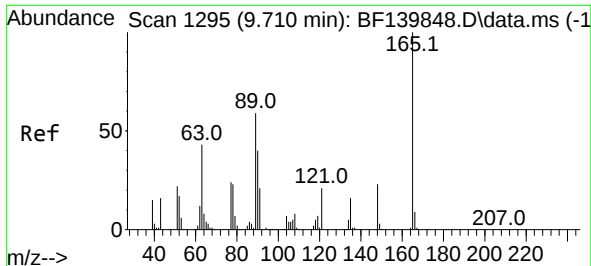
Ion Ratio Lower Upper

163 100

194 59.2 3.4 5.0#

164 43.8 8.2 12.2#

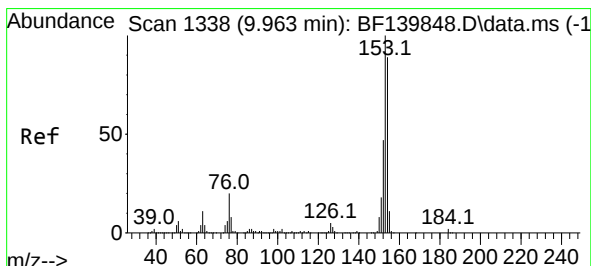
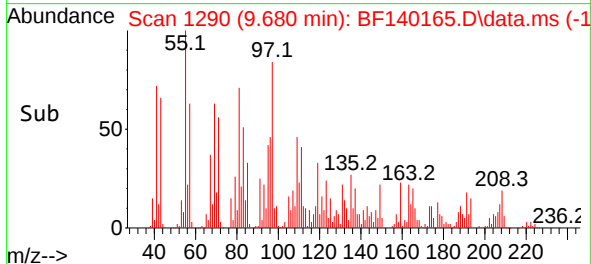
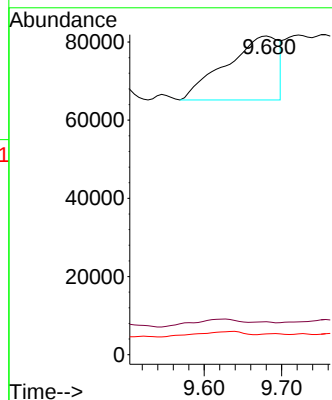
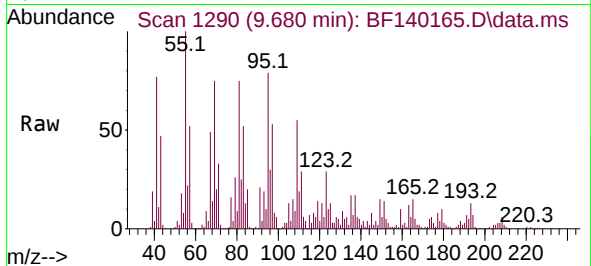




#51
2,6-Dinitrotoluene
Concen: 50.978 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

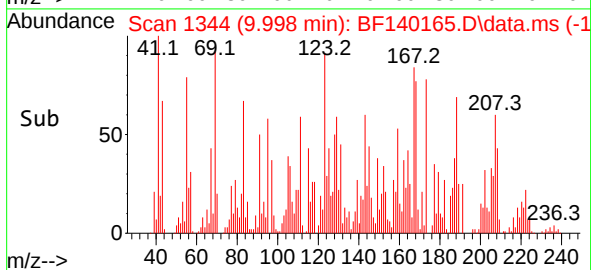
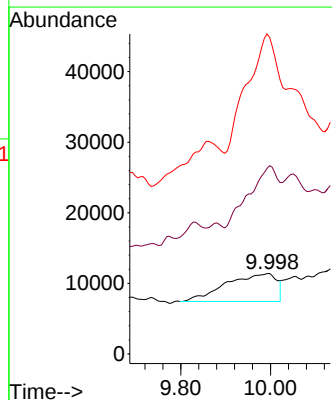
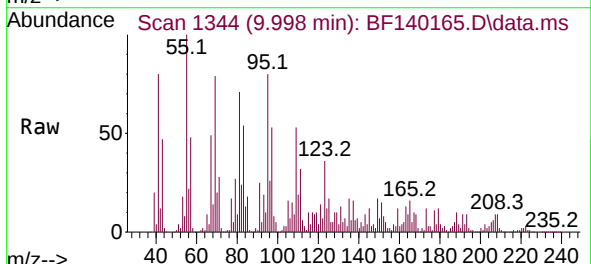
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

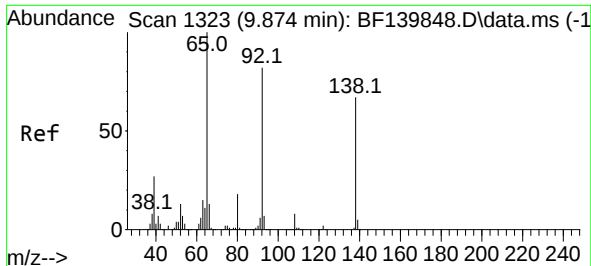
Tgt Ion:165 Resp: 78014
Ion Ratio Lower Upper
165 100
63 10.3 50.6 75.8#
89 6.5 47.5 71.3#



#52
Acenaphthene
Concen: 5.250 ng
RT: 9.998 min Scan# 1344
Delta R.T. 0.035 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion:154 Resp: 31237
Ion Ratio Lower Upper
154 100
153 234.1 89.8 134.6#
152 393.5 42.4 63.6#

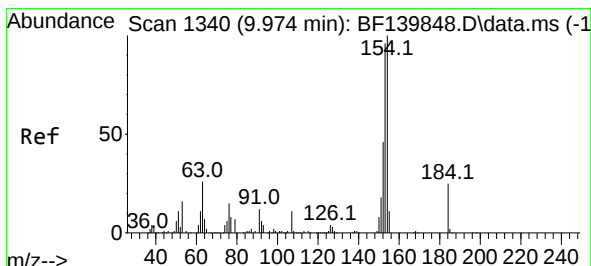
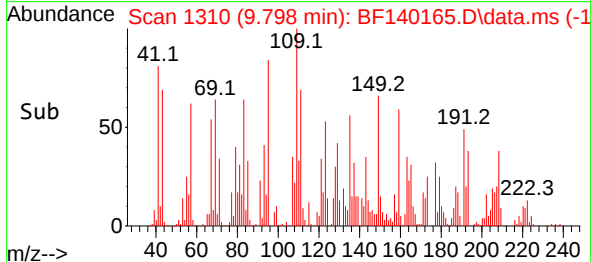
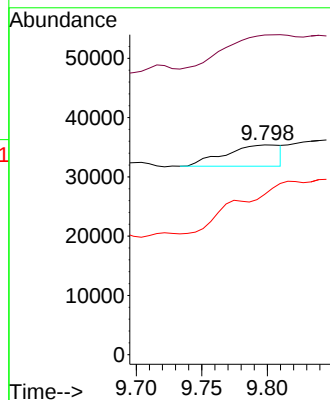
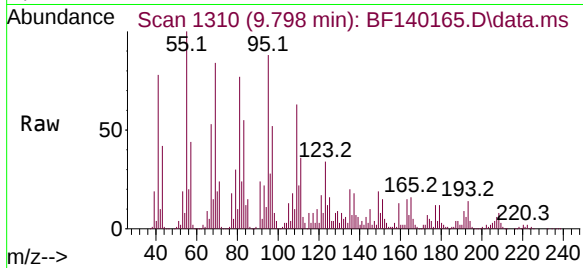




#53
3-Nitroaniline
Concen: 6.688 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.077 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

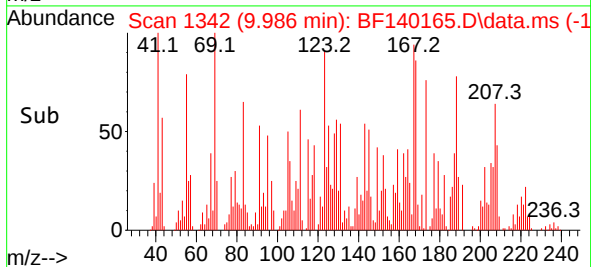
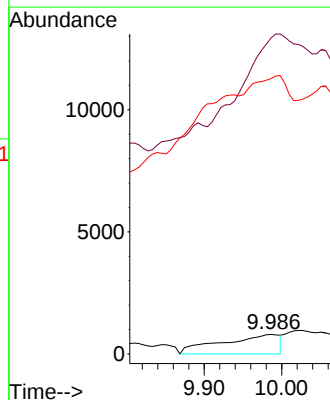
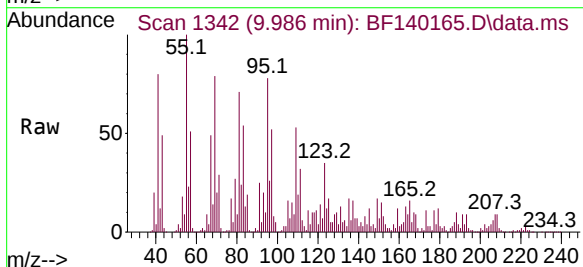
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

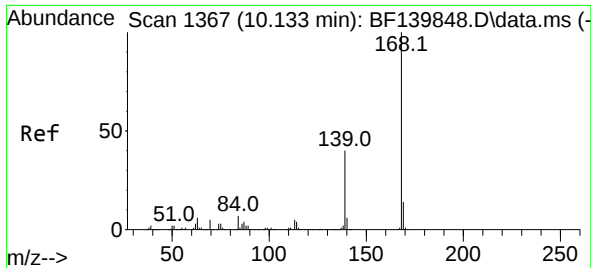
Tgt Ion:138 Resp: 10554
Ion Ratio Lower Upper
138 100
108 152.3 10.2 15.2#
92 76.4 98.3 147.5#



#54
2,4-Dinitrophenol
Concen: 12.561 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion:184 Resp: 4177
Ion Ratio Lower Upper
184 100
63 1615.6 84.7 127.1#
154 1407.5 338.2 507.2#

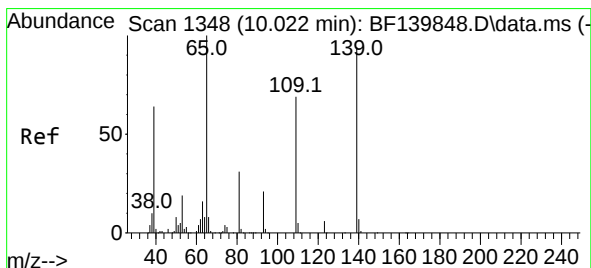
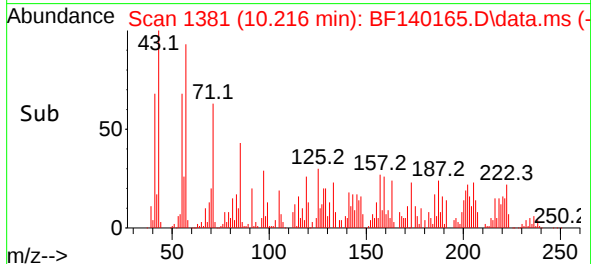
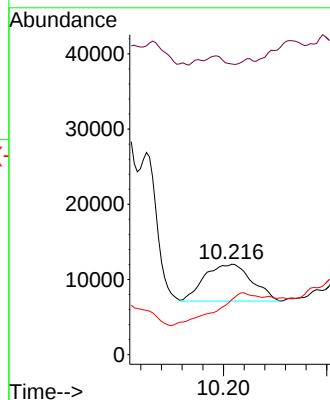
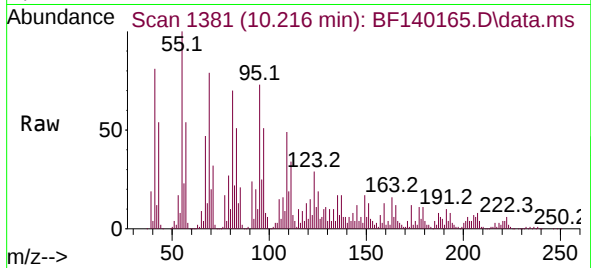




#55
Dibenzenofuran
Concen: 3.655 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.082 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

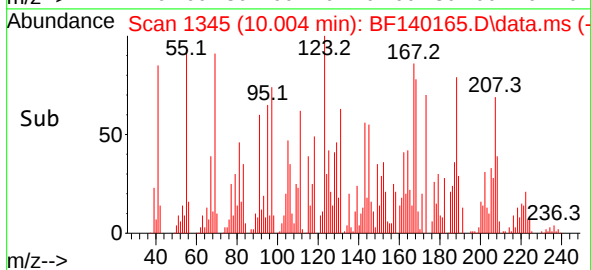
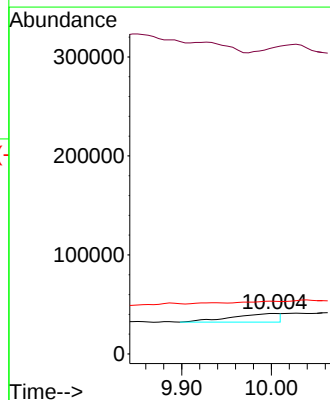
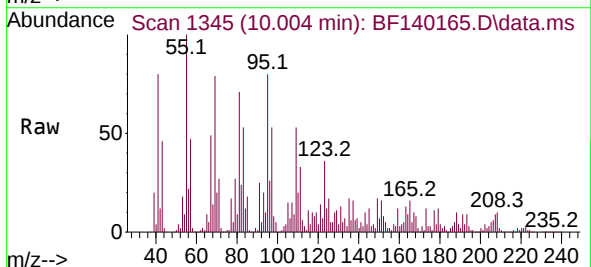
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

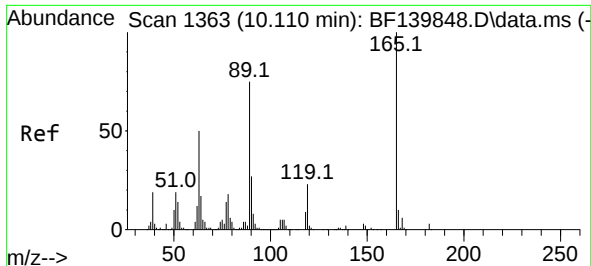
Tgt Ion:168 Resp: 31204
Ion Ratio Lower Upper
168 100
139 321.5 31.8 47.6#
169 60.7 11.6 17.4#



#56
4-Nitrophenol
Concen: 27.468 ng
RT: 10.004 min Scan# 1345
Delta R.T. -0.018 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion:139 Resp: 33350
Ion Ratio Lower Upper
139 100
109 756.4 53.6 93.6#
65 130.0 87.8 127.8#

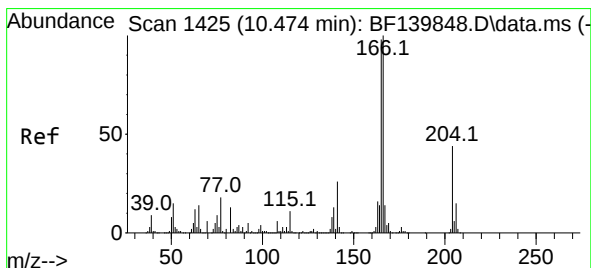
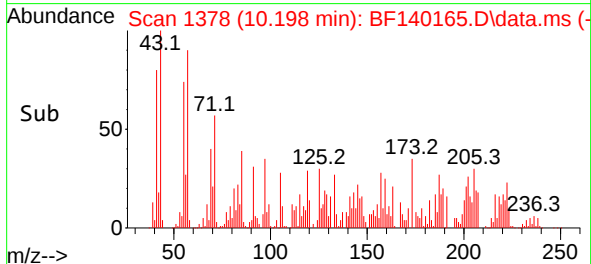
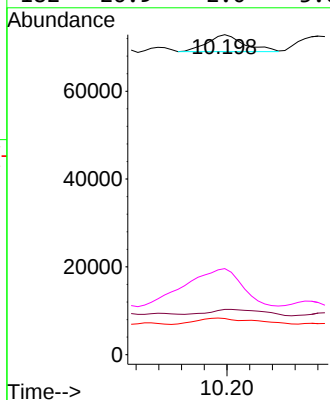
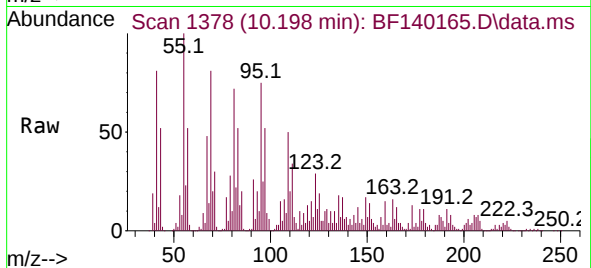




#57
2,4-Dinitrotoluene
Concen: 4.564 ng
RT: 10.198 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

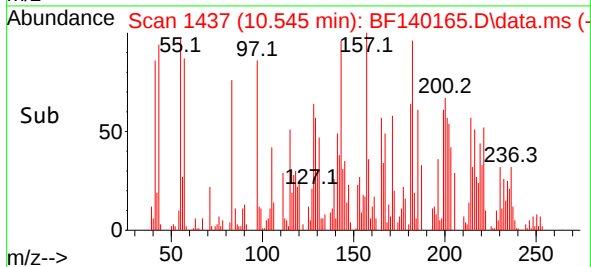
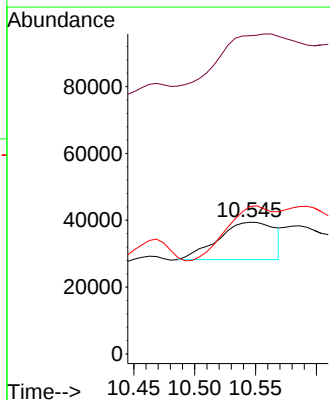
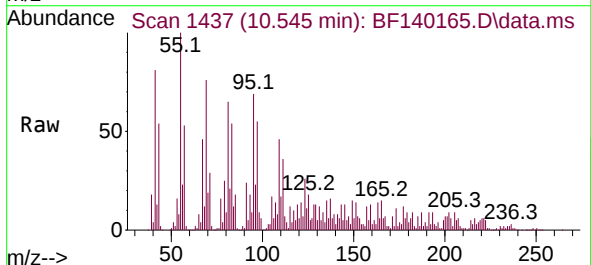
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

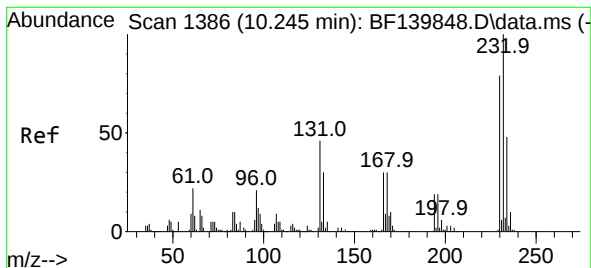
Tgt Ion:165 Resp: 8589
Ion Ratio Lower Upper
165 100
63 14.2 40.1 60.1#
89 11.3 60.4 90.6#
182 26.9 2.0 3.0#



#58
Fluorene
Concen: 5.602 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.071 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

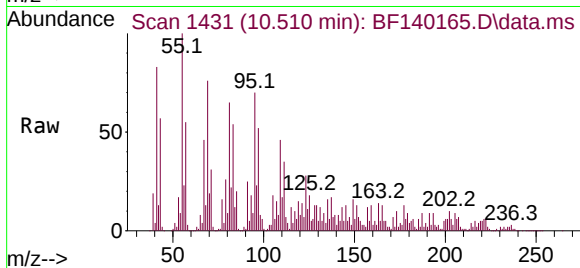
Tgt Ion:166 Resp: 36426
Ion Ratio Lower Upper
166 100
165 241.6 78.5 117.7#
167 111.9 10.9 16.3#



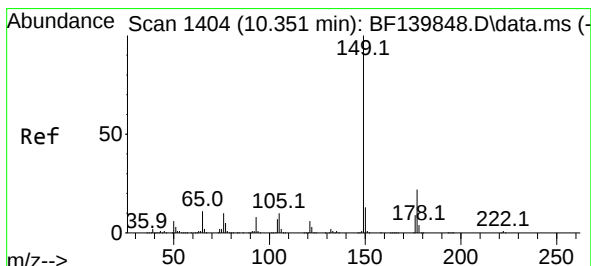
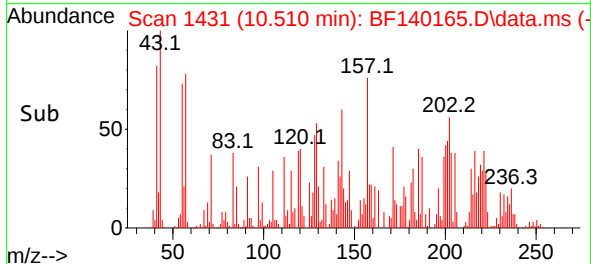
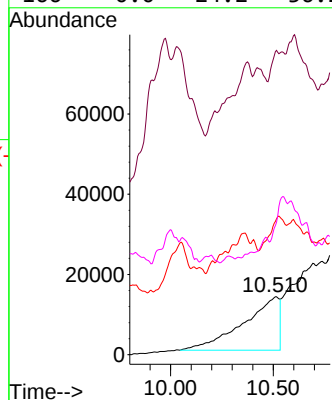


#59
2,3,4,6-Tetrachlorophenol
Concen: 93.026 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.265 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

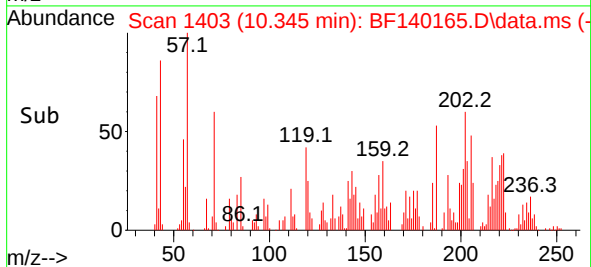
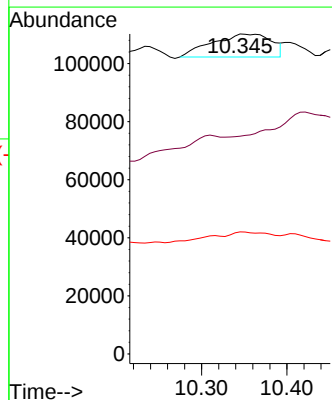
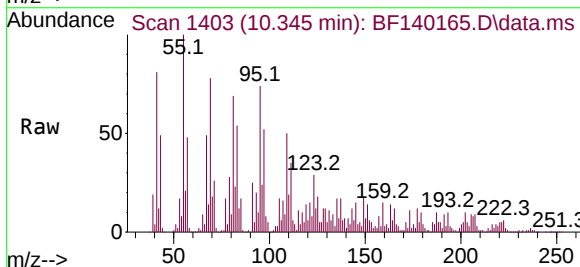


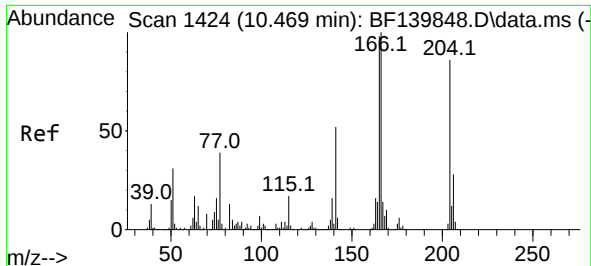
Tgt Ion:232 Resp: 163071
Ion Ratio Lower Upper
232 100
131 10.7 37.0 55.6#
130 0.0 1.9 2.9#
166 0.0 24.2 36.2#



#60
Diethylphthalate
Concen: 5.593 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion:149 Resp: 38816
Ion Ratio Lower Upper
149 100
177 68.1 17.9 26.9#
150 38.1 10.1 15.1#

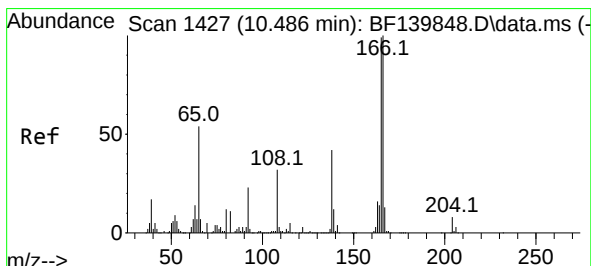
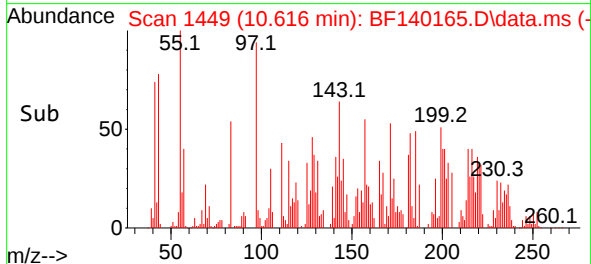
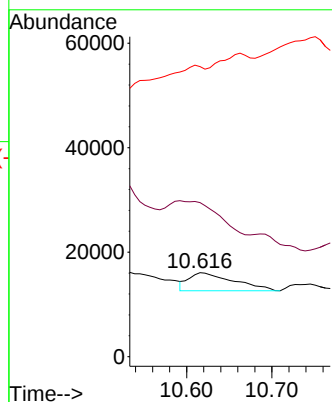
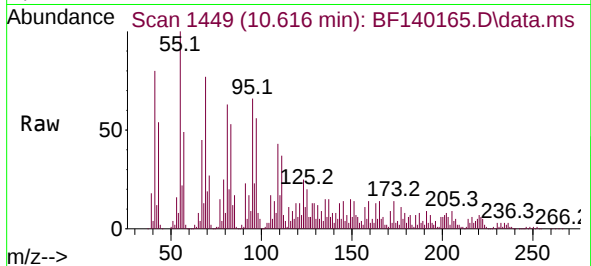




#61
4-Chlorophenyl-phenylether
Concen: 3.894 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.147 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

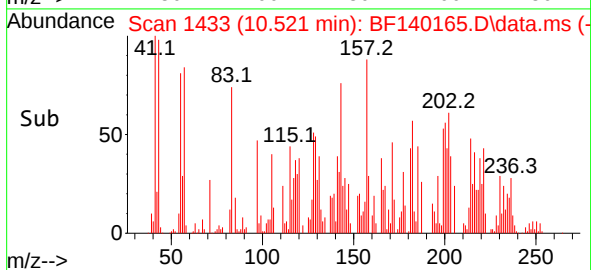
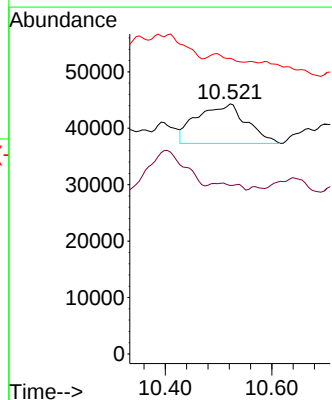
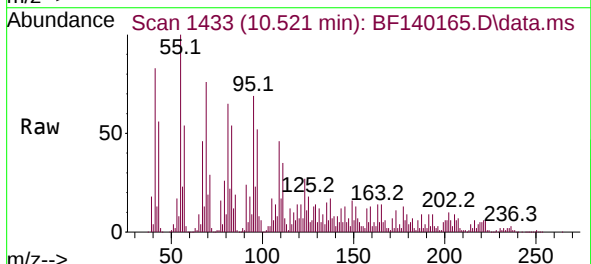
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

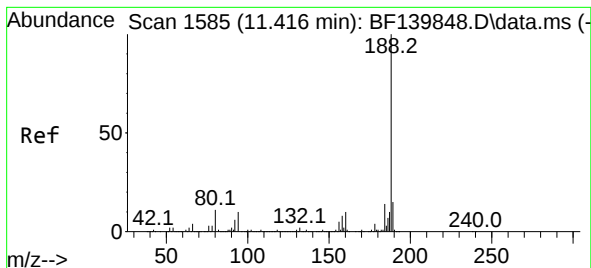
Tgt Ion:204 Resp: 12787
Ion Ratio Lower Upper
204 100
206 183.6 26.3 39.5#
141 345.6 48.6 73.0#



#62
4-Nitroaniline
Concen: 30.224 ng
RT: 10.521 min Scan# 1433
Delta R.T. 0.035 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion:138 Resp: 45049
Ion Ratio Lower Upper
138 100
92 67.4 35.7 75.7
108 118.2 57.5 97.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. 0.159 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

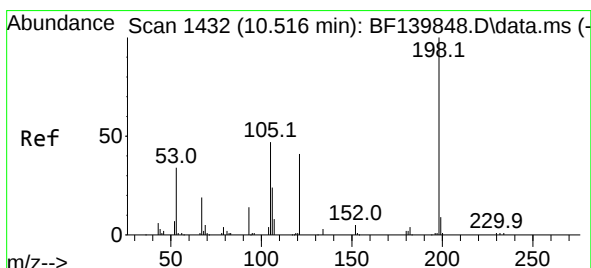
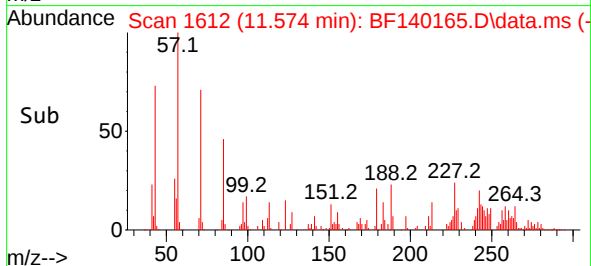
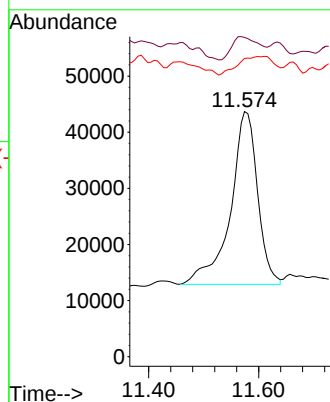
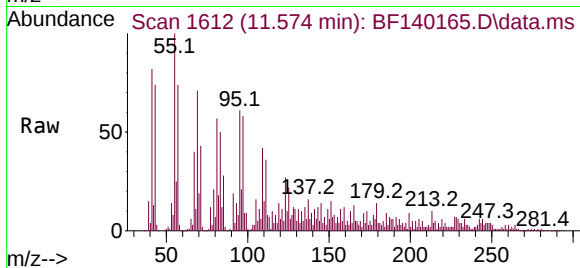
Tgt Ion:188 Resp: 105689

Ion Ratio Lower Upper

188 100

94 130.2 7.9 11.9#

80 121.7 9.0 13.4#



#65

4,6-Dinitro-2-methylphenol

Concen: 32.906 ng

RT: 10.592 min Scan# 1445

Delta R.T. 0.076 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

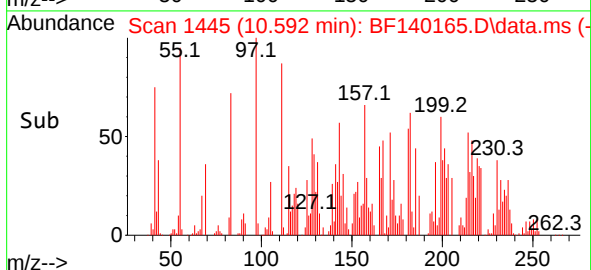
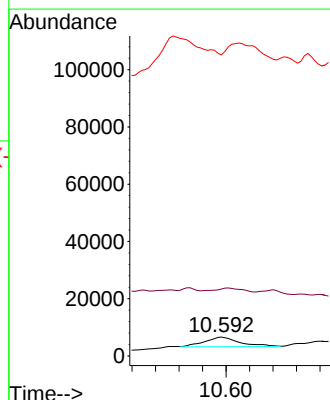
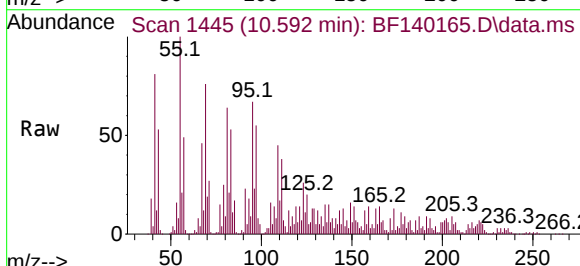
Tgt Ion:198 Resp: 14186

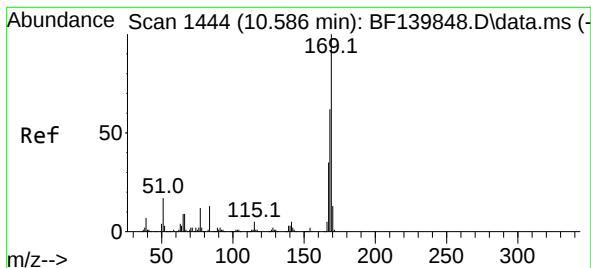
Ion Ratio Lower Upper

198 100

51 353.8 38.2 78.2#

105 1593.0 27.9 67.9#





#66

n-Nitrosodiphenylamine

Concen: 33.867 ng

RT: 10.745 min Scan# 1444

Delta R.T. 0.159 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

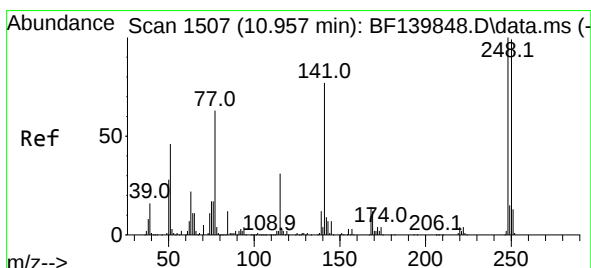
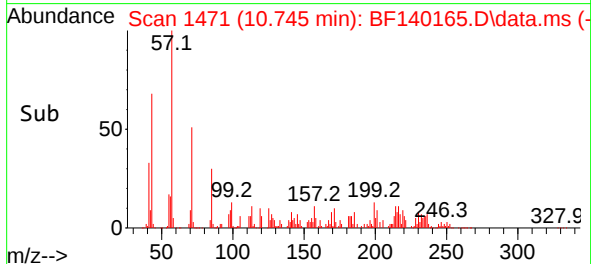
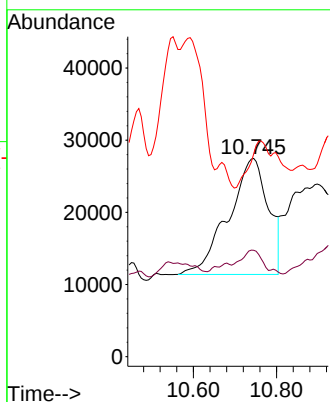
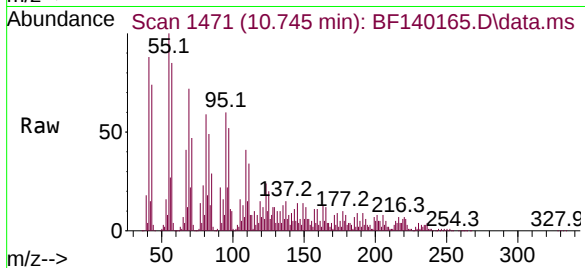
Tgt Ion:169 Resp: 107128

Ion Ratio Lower Upper

169 100

168 53.7 49.8 74.6

167 102.4 28.0 42.0#



#67

4-Bromophenyl-phenylether

Concen: 4.236 ng

RT: 11.004 min Scan# 1515

Delta R.T. 0.047 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

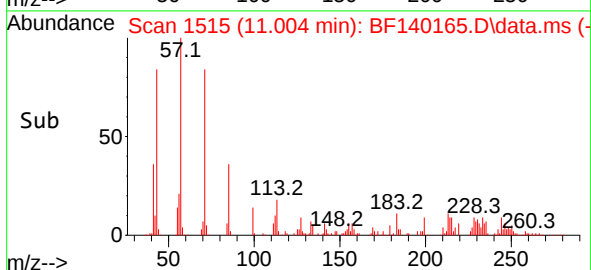
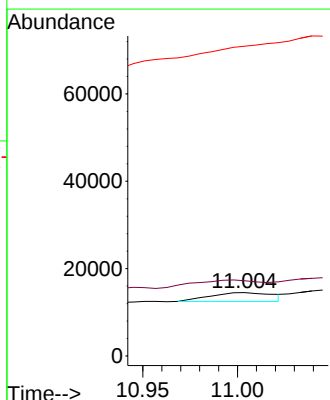
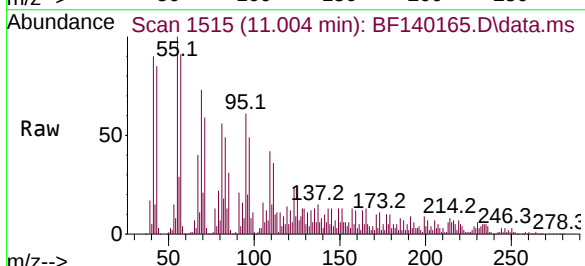
Tgt Ion:248 Resp: 4612

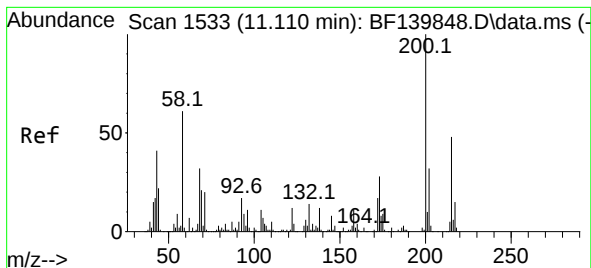
Ion Ratio Lower Upper

248 100

250 118.9 79.0 118.6#

141 489.4 61.7 92.5#





#69

Atrazine

Concen: 13.354 ng

RT: 11.163 min Scan# 11

Delta R.T. 0.053 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

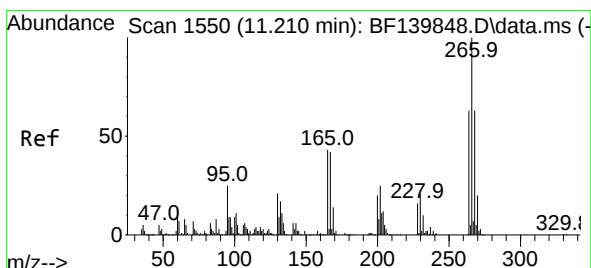
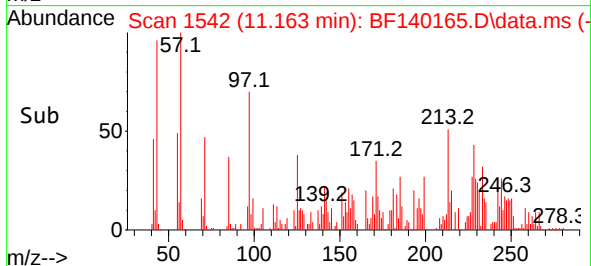
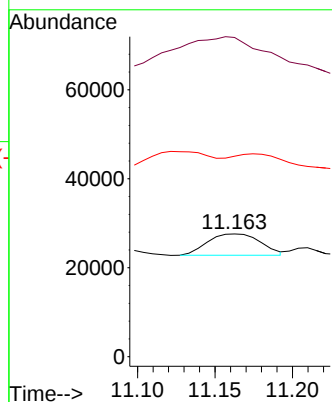
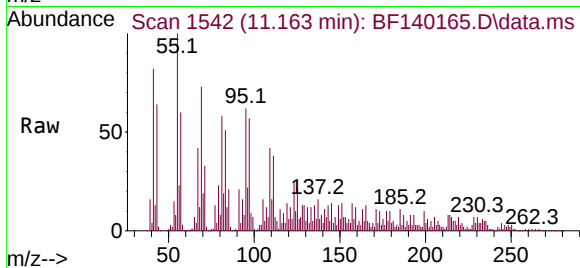
Tgt Ion:200 Resp: 11443

Ion Ratio Lower Upper

200 100

173 260.0 7.7 47.7#

215 163.4 27.7 67.7#



#70

Pentachlorophenol

Concen: 2.758 ng

RT: 11.386 min Scan# 1580

Delta R.T. 0.176 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

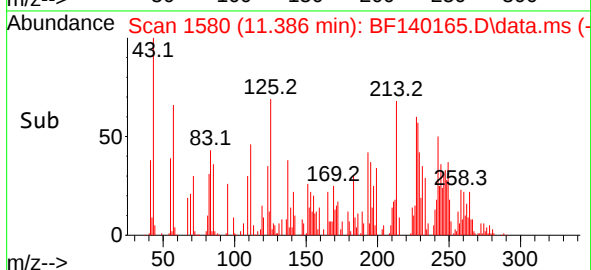
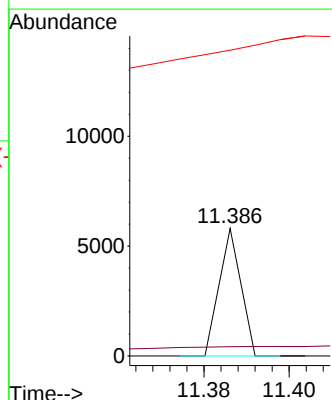
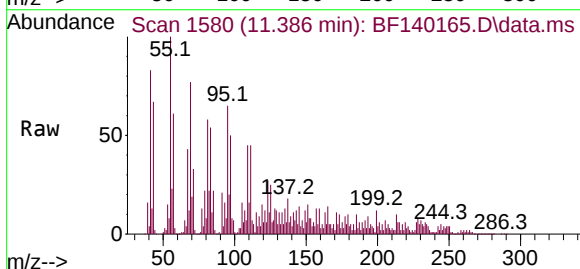
Tgt Ion:266 Resp: 2050

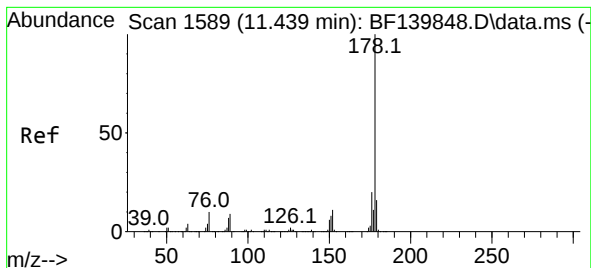
Ion Ratio Lower Upper

266 100

268 7.2 50.4 75.6#

264 239.7 50.6 75.8#





#71

Phenanthrene

Concen: 13.515 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.165 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

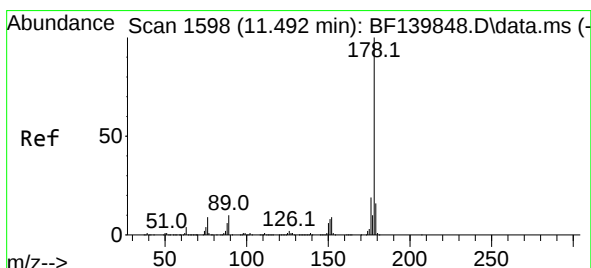
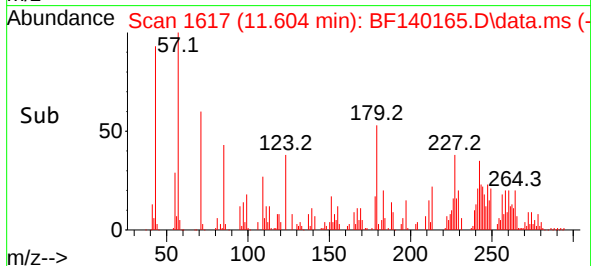
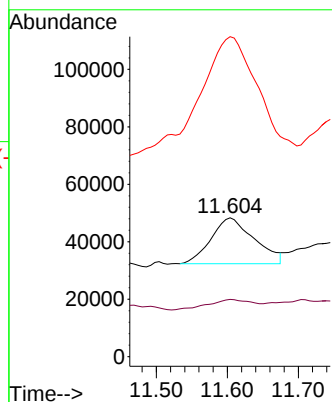
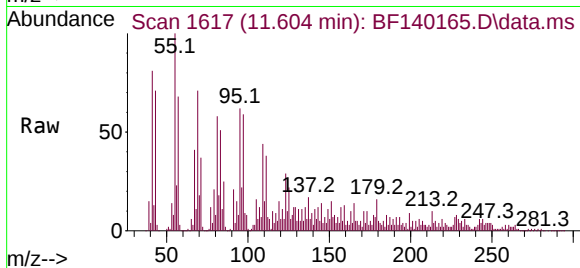
Tgt Ion:178 Resp: 67472

Ion Ratio Lower Upper

178 100

176 41.3 15.8 23.6#

179 230.4 12.6 18.8#



#72

Anthracene

Concen: 13.852 ng

RT: 11.604 min Scan# 1617

Delta R.T. 0.112 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

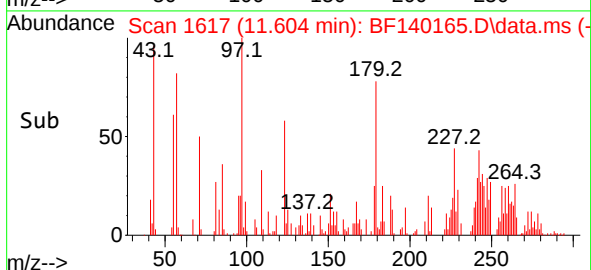
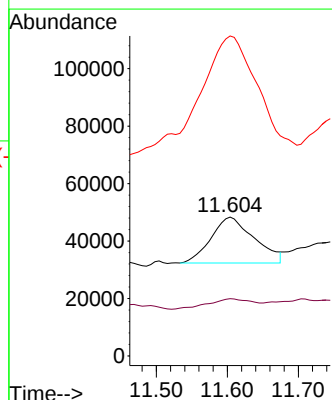
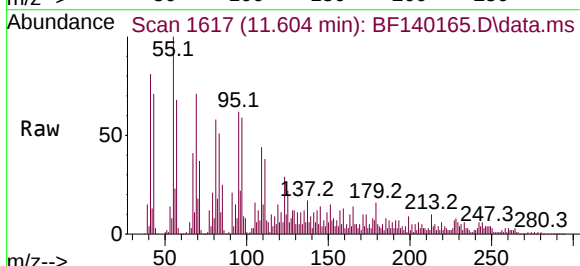
Tgt Ion:178 Resp: 67472

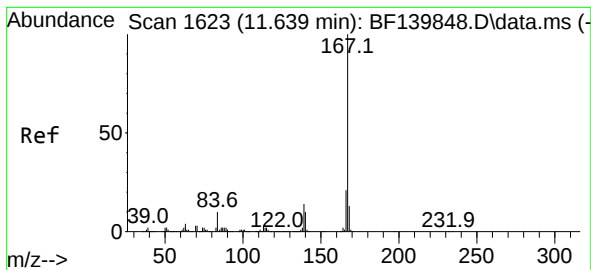
Ion Ratio Lower Upper

178 100

176 41.3 15.3 22.9#

179 230.4 12.4 18.6#





#73

Carbazole

Concen: 2.218 ng

RT: 11.786 min Scan# 1

Delta R.T. 0.147 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

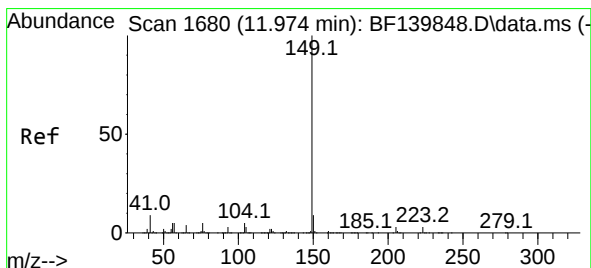
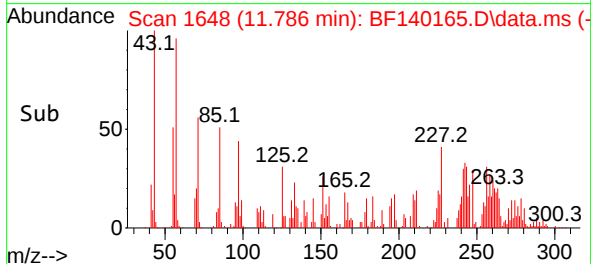
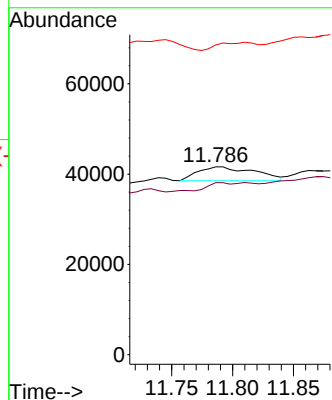
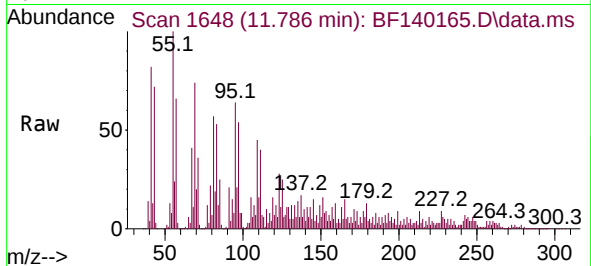
Tgt Ion:167 Resp: 10046

Ion Ratio Lower Upper

167 100

166 91.6 17.0 25.6#

139 165.0 10.8 16.2#



#74

Di-n-butylphthalate

Concen: 3.967 ng

RT: 12.121 min Scan# 1705

Delta R.T. 0.147 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

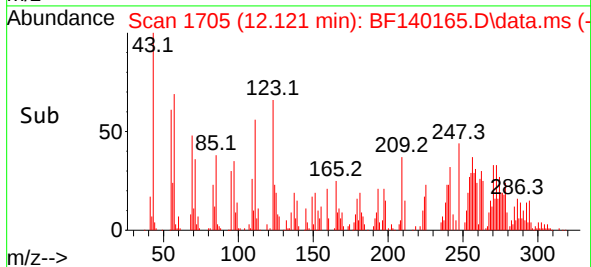
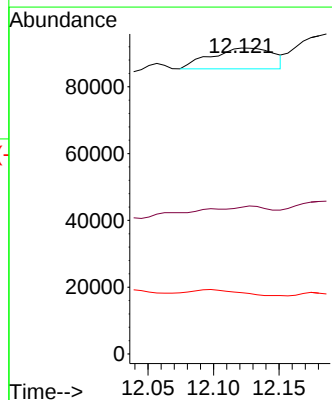
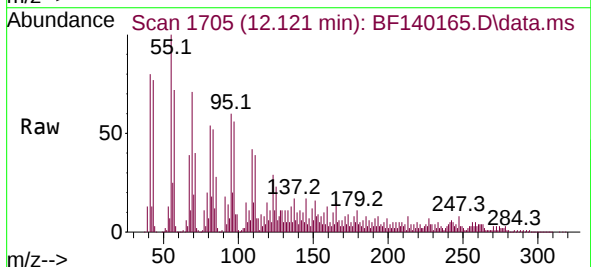
Tgt Ion:149 Resp: 20763

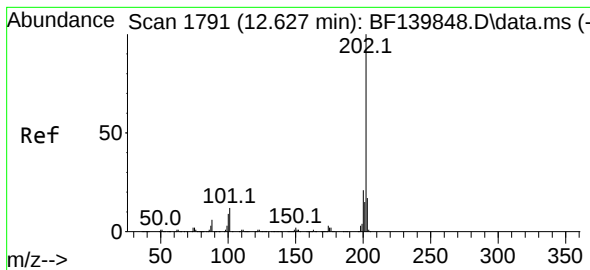
Ion Ratio Lower Upper

149 100

150 48.0 7.5 11.3#

104 20.0 4.1 6.1#

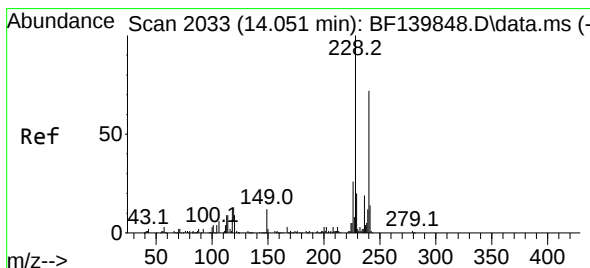
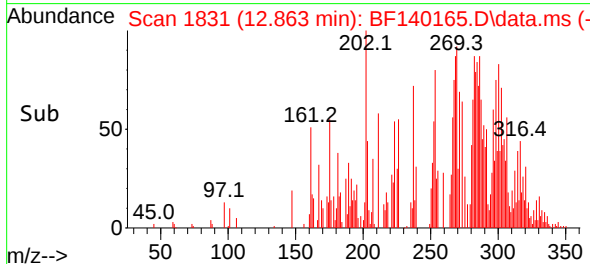
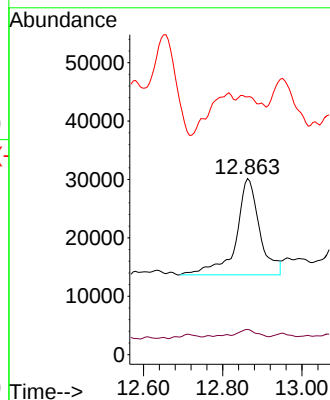
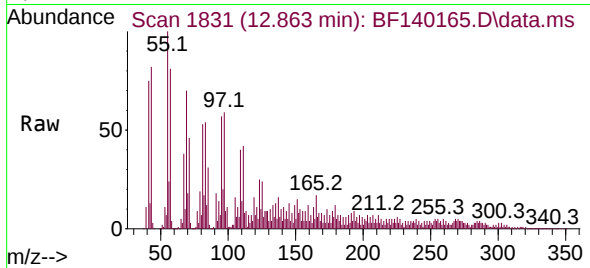




#75
Fluoranthene
Concen: 13.559 ng
RT: 12.863 min Scan# 11
Delta R.T. 0.235 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

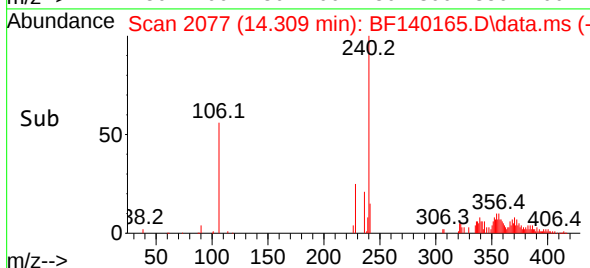
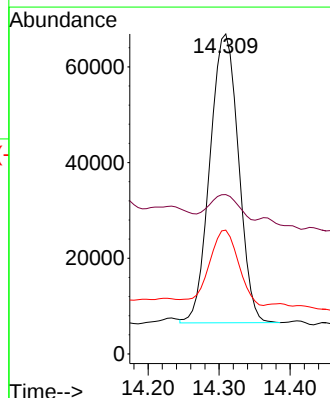
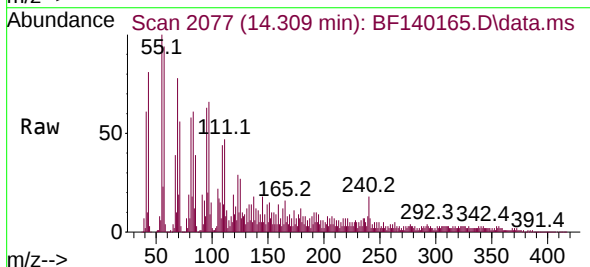
Instrument :
BNA_F
ClientSampleId :
MOO-24-00335

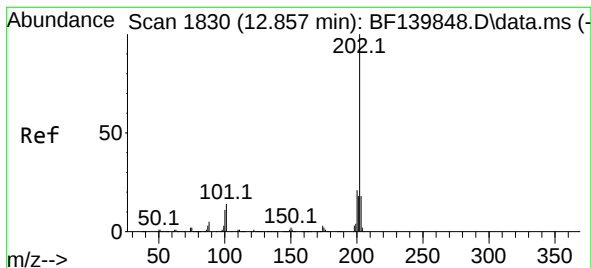
Tgt Ion:202 Resp: 68429
Ion Ratio Lower Upper
202 100
101 14.4 0.0 31.9
203 146.3 0.0 37.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.309 min Scan# 2077
Delta R.T. 0.259 min
Lab File: BF140165.D
Acq: 30 Oct 2024 18:39

Tgt Ion:240 Resp: 168273
Ion Ratio Lower Upper
240 100
120 49.8 9.4 14.2#
236 38.7 20.9 31.3#





#78

Pyrene

Concen: 2.773 ng

RT: 13.110 min Scan# 1873

Delta R.T. 0.253 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

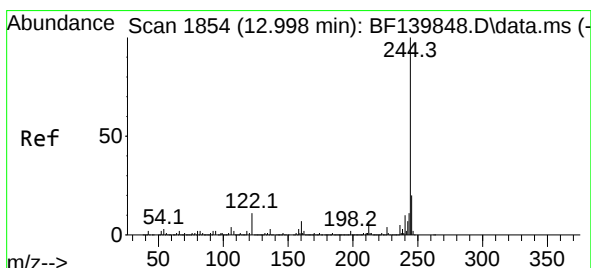
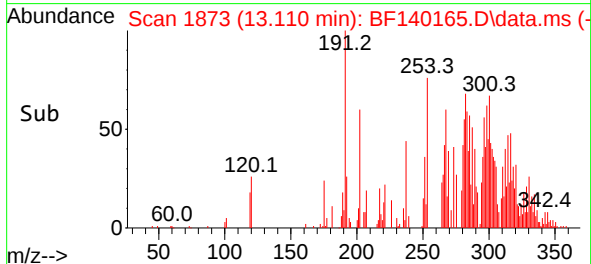
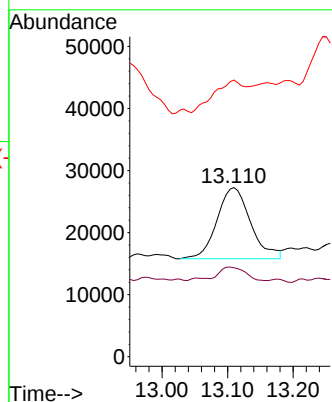
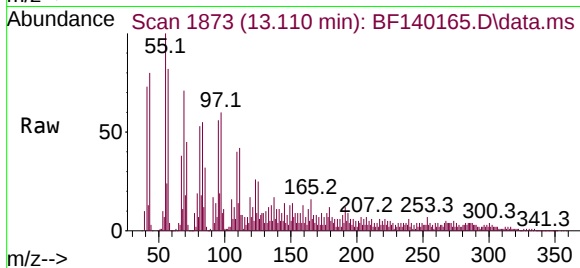
Tgt Ion:202 Resp: 40849

Ion Ratio Lower Upper

202 100

200 52.6 17.2 25.8#

203 163.6 14.2 21.4#



#79

Terphenyl-d14

Concen: 18.312 ng

RT: 13.239 min Scan# 1895

Delta R.T. 0.241 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

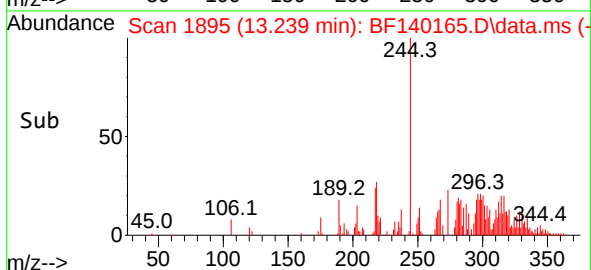
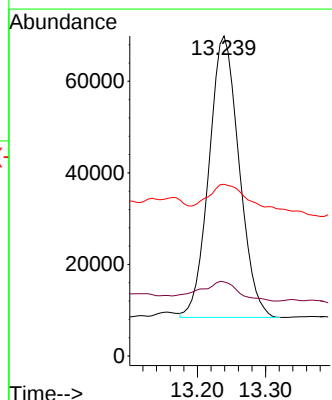
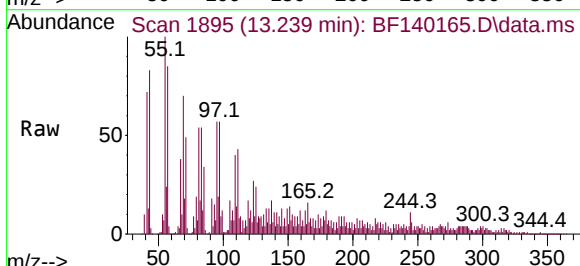
Tgt Ion:244 Resp: 189102

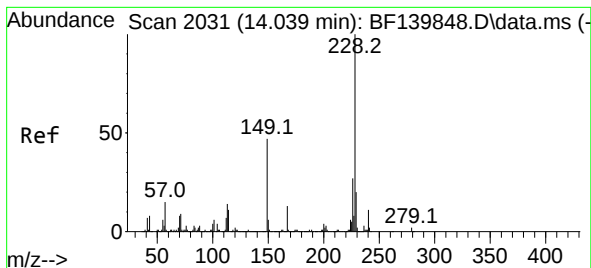
Ion Ratio Lower Upper

244 100

212 23.2 5.7 8.5#

122 53.6 8.6 13.0#





#81

Benzo(a)anthracene

Concen: 6.161 ng

RT: 14.327 min Scan# 2080

Delta R.T. 0.288 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

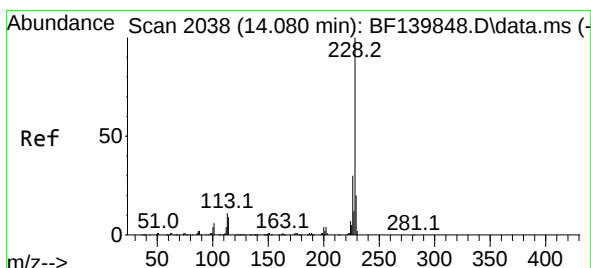
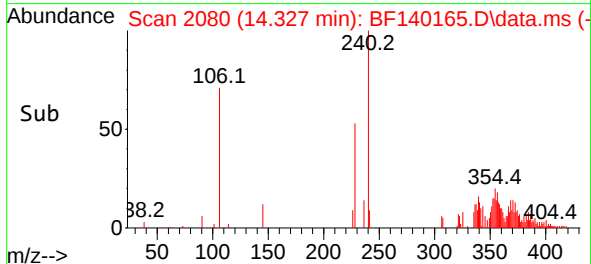
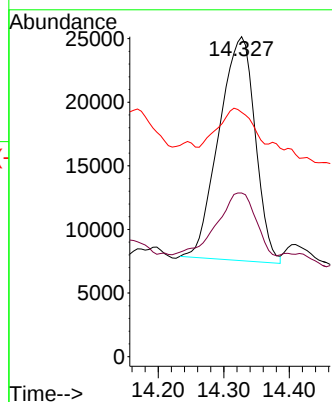
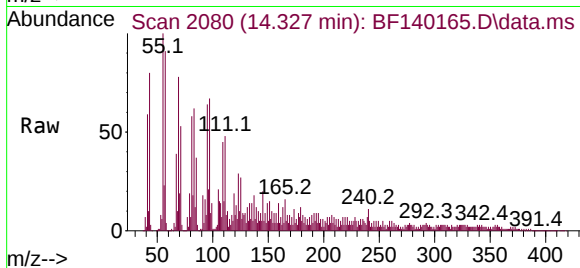
Tgt Ion:228 Resp: 67493

Ion Ratio Lower Upper

228 100

226 51.1 21.6 32.4#

229 76.3 16.1 24.1#



#83

Chrysene

Concen: 6.659 ng

RT: 14.327 min Scan# 2080

Delta R.T. 0.247 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

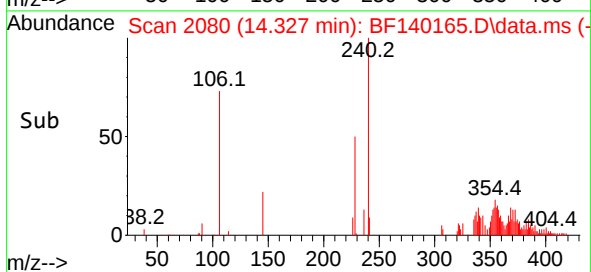
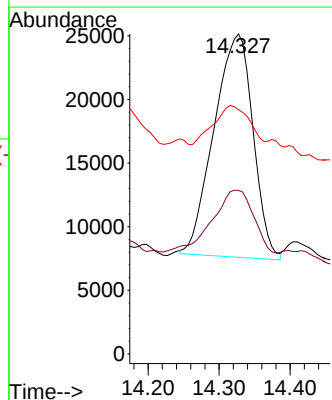
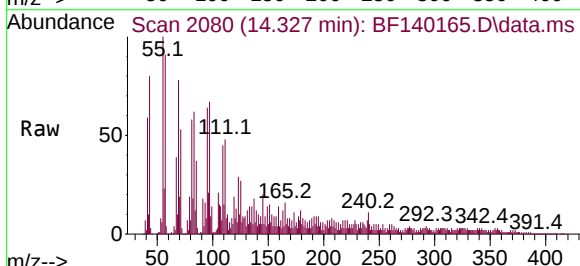
Tgt Ion:228 Resp: 66884

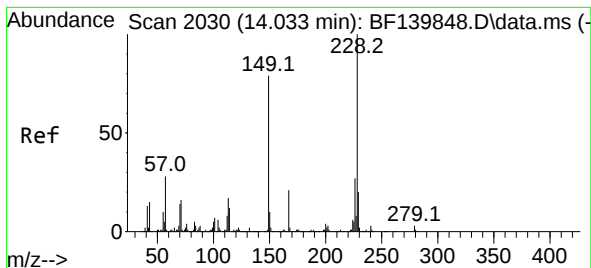
Ion Ratio Lower Upper

228 100

226 51.1 24.1 36.1#

229 76.3 15.8 23.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.865 ng

RT: 14.233 min Scan# 2030

Delta R.T. 0.200 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

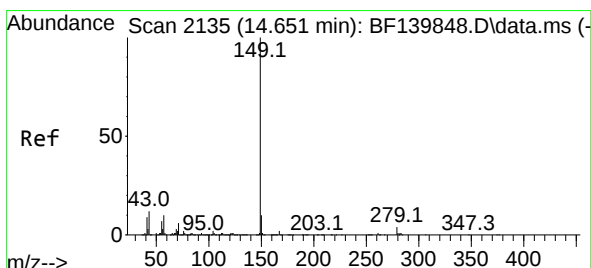
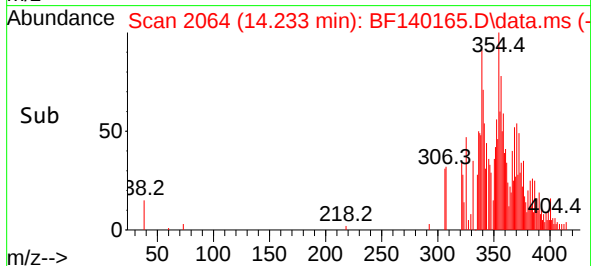
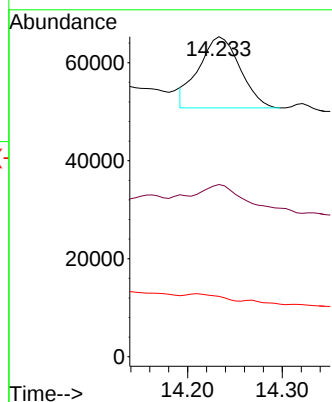
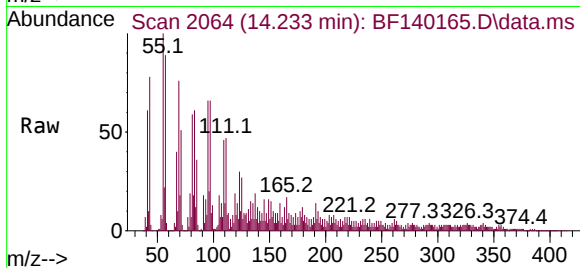
Tgt Ion:149 Resp: 43923

Ion Ratio Lower Upper

149 100

167 53.8 21.4 32.0#

279 18.9 3.0 4.4#



#85

Di-n-octyl phthalate

Concen: 3.776 ng

RT: 14.868 min Scan# 2172

Delta R.T. 0.217 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

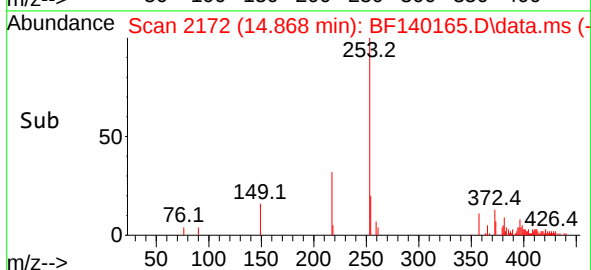
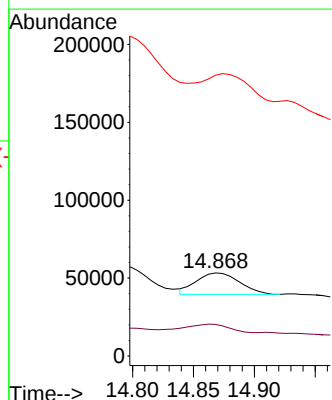
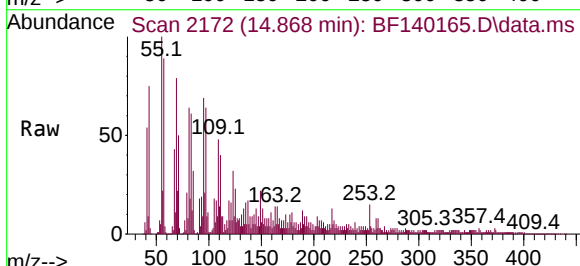
Tgt Ion:149 Resp: 34025

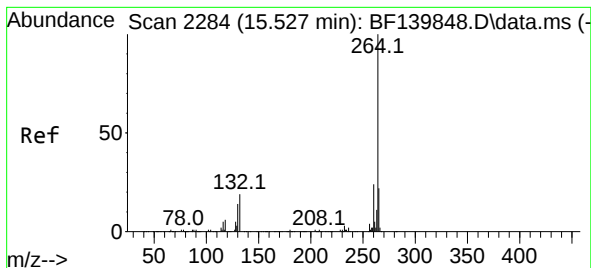
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 9.8 14.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.751 min Scan# 21

Delta R.T. 0.223 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

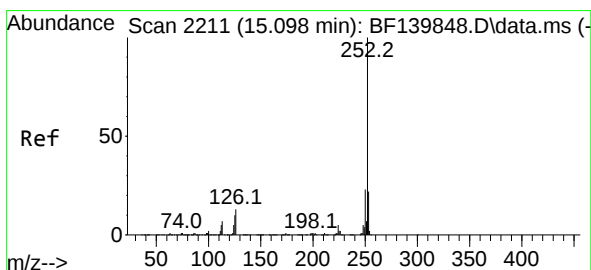
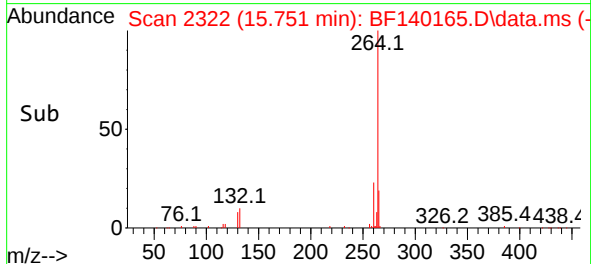
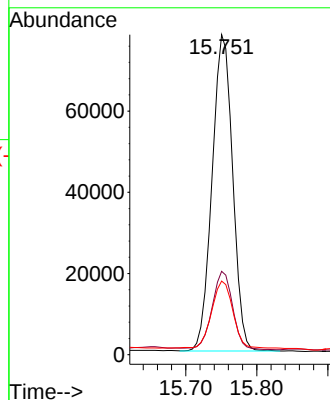
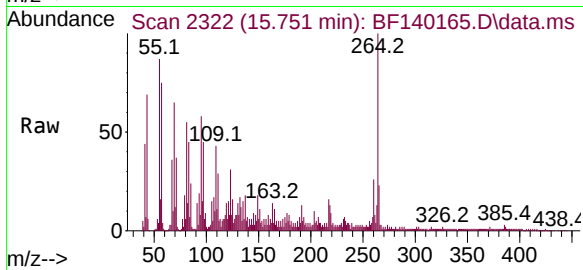
Tgt Ion:264 Resp: 156787

Ion Ratio Lower Upper

264 100

260 26.1 19.4 29.2

265 23.0 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 7.283 ng

RT: 15.333 min Scan# 2251

Delta R.T. 0.235 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

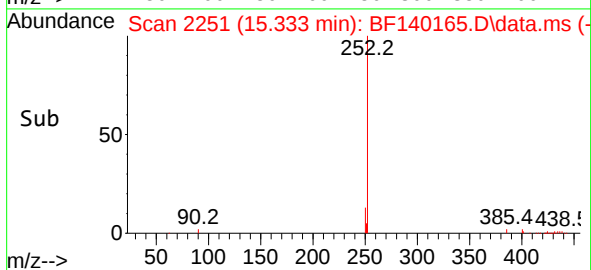
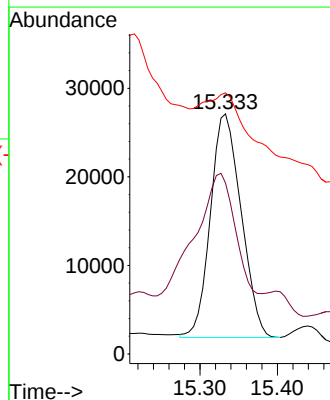
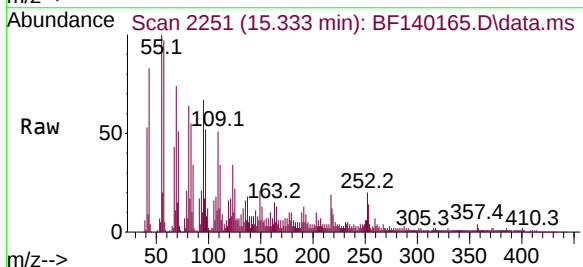
Tgt Ion:252 Resp: 69556

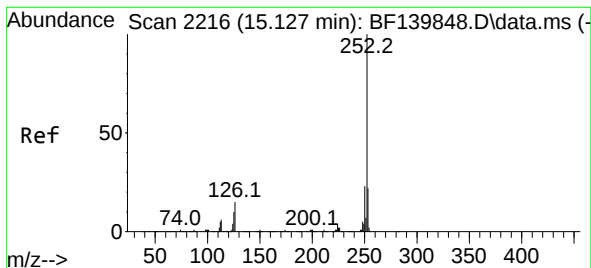
Ion Ratio Lower Upper

252 100

253 71.2 17.6 26.4#

125 108.7 7.9 11.9#





#89

Benzo(k)fluoranthene

Concen: 8.445 ng

RT: 15.333 min Scan# 21

Delta R.T. 0.206 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Instrument :

BNA_F

ClientSampleId :

MOO-24-00335

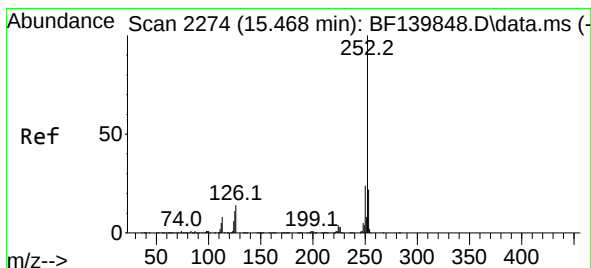
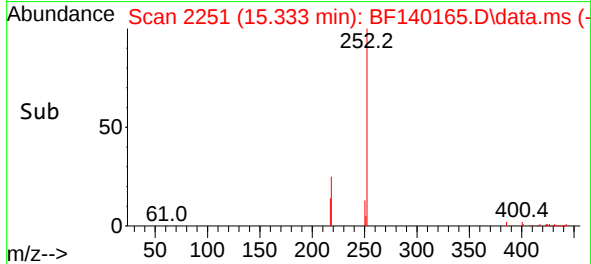
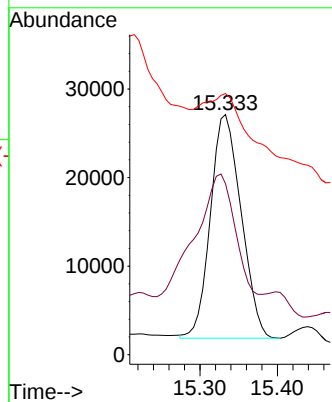
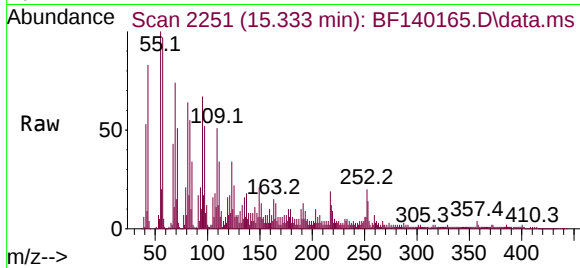
Tgt Ion:252 Resp: 69556

Ion Ratio Lower Upper

252 100

253 71.2 17.6 26.4#

125 108.7 7.9 11.9#



#90

Benzo(a)pyrene

Concen: 2.730 ng

RT: 15.692 min Scan# 2312

Delta R.T. 0.223 min

Lab File: BF140165.D

Acq: 30 Oct 2024 18:39

Tgt Ion:252 Resp: 21455

Ion Ratio Lower Upper

252 100

253 40.0 17.3 25.9#

125 131.4 8.7 13.1#

