

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142055.D
 Acq On : 24 Mar 2025 15:25
 Operator : RC/JU
 Sample : Q1606-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 24 16:00:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	123444	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	423198	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	6481	20.000	ng	#-0.05
64) Phenanthrene-d10	11.392	188	24773	20.000	ng	#-0.01
76) Chrysene-d12	14.092	240	162941	20.000	ng	# 0.05
86) Perylene-d12	15.527	264	135098	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	487646	65.930	ng	0.01
7) Phenol-d6	6.498	99	372876	39.595	ng	0.00
23) Nitrobenzene-d5	7.440	82	763718	101.558	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	232290	2825.224	ng	0.11
45) 2-Fluorobiphenyl	9.239	172	1350880	3169.932	ng	0.00
79) Terphenyl-d14	13.086	244	840958	76.305	ng	0.10
Target Compounds						Qvalue
25) Isophorone	7.440	82	753283	56.668	ng	# 64
30) 1,2,4-Trichlorobenzene	8.098	180	41060	5.941	ng	98
32) Benzoic acid	7.939	122	14076	3.169	ng	# 31
33) 4-Chloroaniline	8.145	127	42946	5.596	ng	# 74
35) Caprolactam	8.639	113	185017	96.772	ng	# 1
40) 1,2,4,5-Tetrachloroben...	9.034	216	9360	47.435	ng	# 7
43) 2,4,6-Trichlorophenol	9.034	196	275	2.133	ng	# 10
46) 1,1'-Biphenyl	9.251	154	2701	5.485	ng	# 1
47) 2-Chloronaphthalene	9.339	162	2350	6.403	ng	# 1
48) 2-Nitroaniline	9.457	65	129626	1219.753	ng	# 59
49) Acenaphthylene	9.710	152	21754	39.940	ng	# 1
50) Dimethylphthalate	9.628	163	407894	898.745	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	318261	3368.001	ng	# 31
52) Acenaphthene	9.875	154	89664	234.252	ng	# 1
53) 3-Nitroaniline	9.710	138	248853	2596.182	ng	# 19
54) 2,4-Dinitrophenol	9.969	184	1504	32.284	ng	# 1
55) Dibenzofuran	10.039	168	1690	3.090	ng	# 1
56) 4-Nitrophenol	9.816	139	36991	511.734	ng	# 1
57) 2,4-Dinitrotoluene	10.251	165	120072	972.868	ng	# 37
58) Fluorene	10.292	166	6482	15.368	ng	# 1
60) Diethylphthalate	10.204	149	171858	379.760	ng	# 1
61) 4-Chlorophenyl-phenyle...	10.428	204	160943	731.912	ng	# 27
62) 4-Nitroaniline	10.433	138	52124	558.559	ng	# 86
63) Azobenzene	10.445	77	6845	16.269	ng	# 38
65) 4,6-Dinitro-2-methylph...	10.463	198	6876	46.559	ng	# 1
66) n-Nitrosodiphenylamine	10.516	169	70094	87.435	ng	# 31
67) 4-Bromophenyl-phenylether	10.828	248	17835	57.325	ng	# 1
69) Atrazine	11.104	200	27846	113.307	ng	# 1
70) Pentachlorophenol	11.157	266	84998	404.290	ng	# 49
71) Phenanthrene	11.439	178	40786	30.481	ng	# 1
72) Anthracene	11.439	178	40786	30.382	ng	# 1
73) Carbazole	11.604	167	92274	79.702	ng	# 1
74) Di-n-butylphthalate	11.951	149	10110	6.581	ng	# 22
75) Fluoranthene	12.592	202	10226	7.205	ng	# 1
77) Benzidine	12.798	184	32696	14.382	ng	# 1
80) Butylbenzylphthalate	13.280	149	107429	19.474	ng	# 72

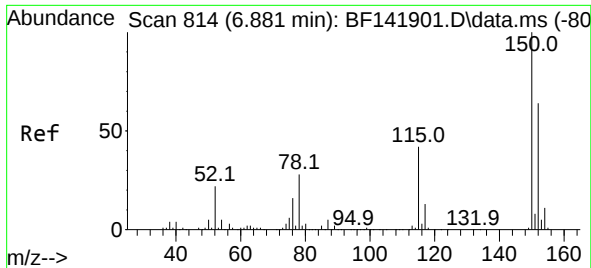
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142055.D
Acq On : 24 Mar 2025 15:25
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Quant Time: Mar 24 16:00:58 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
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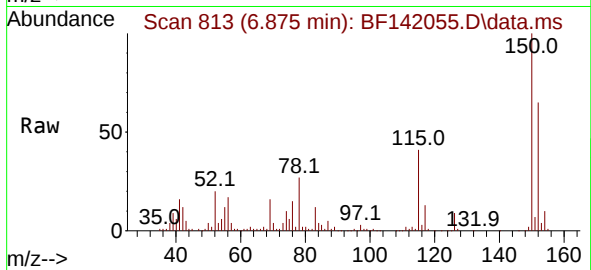
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phtha...	14.039	149	42195	5.547	ng	# 38
85) Di-n-octyl phthalate	14.668	149	55898	5.282	ng	# 29

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

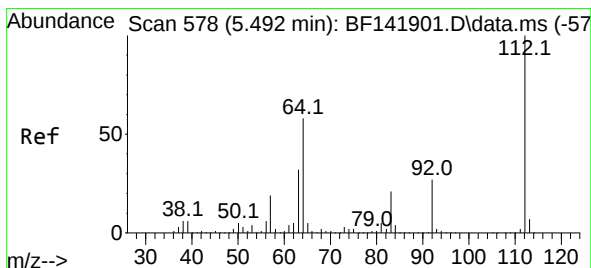
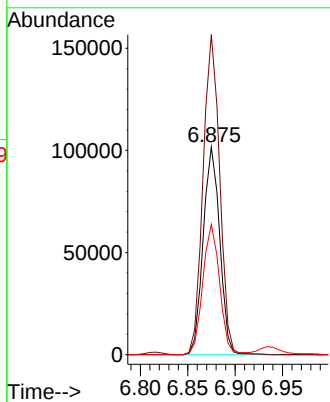
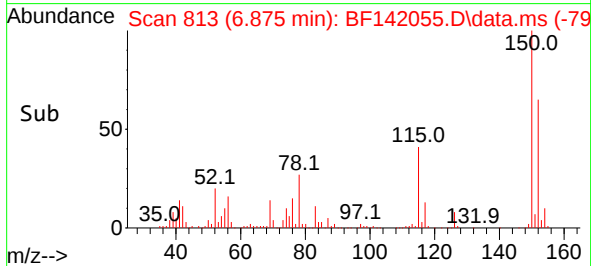


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

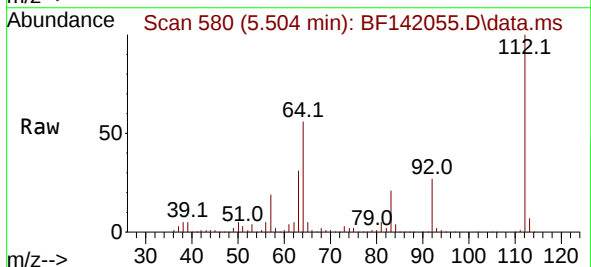
Instrument :
BNA_F
ClientSampleId :



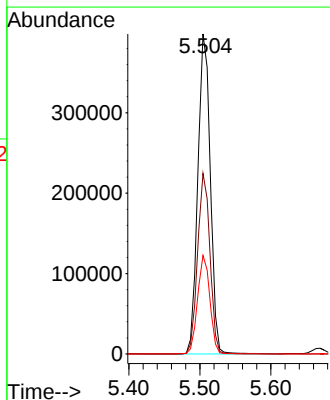
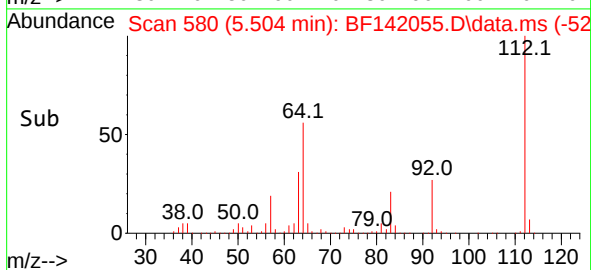
Tgt Ion:152 Resp: 123444
Ion Ratio Lower Upper
152 100
150 154.1 127.4 191.2
115 62.8 51.9 77.9

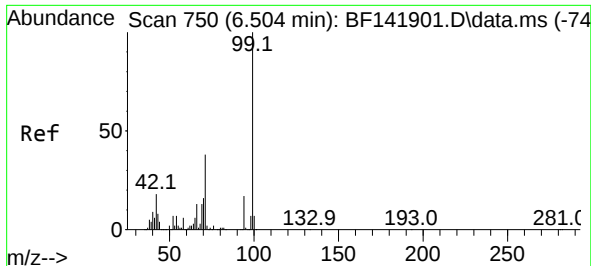


#5
2-Fluorophenol
Concen: 65.930 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25



Tgt Ion:112 Resp: 487646
Ion Ratio Lower Upper
112 100
64 56.5 46.5 69.7
63 30.8 25.4 38.2

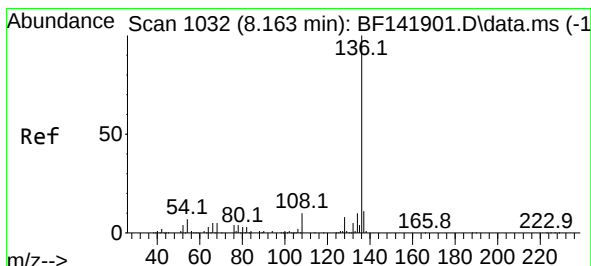
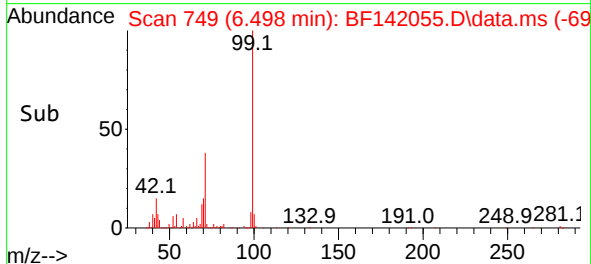
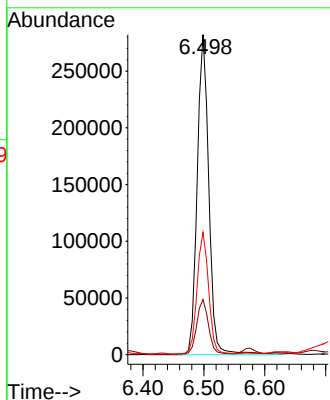
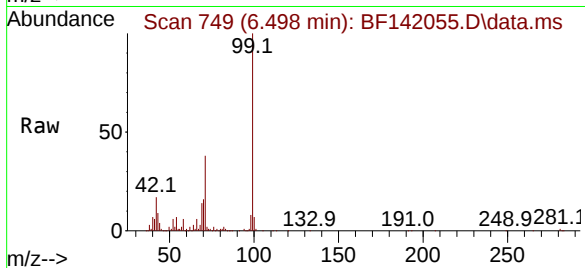




#7
Phenol-d6
Concen: 39.595 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

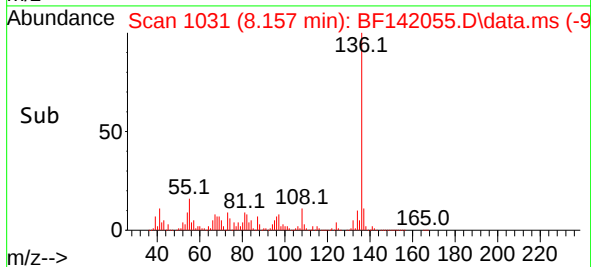
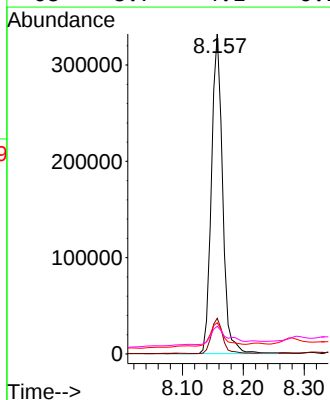
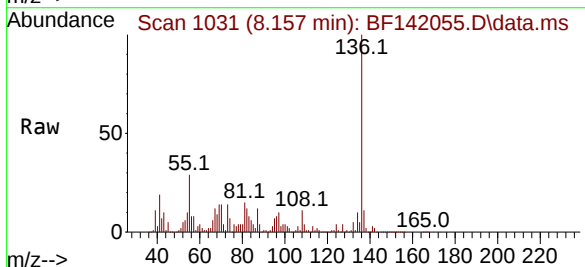
Instrument :
BNA_F
ClientSampleId :

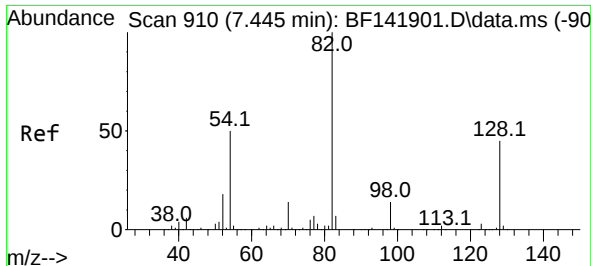
Tgt Ion: 99 Resp: 372876
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.2 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Tgt Ion: 136 Resp: 423198
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.8 5.8 8.8#
68 8.7 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 101.558 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

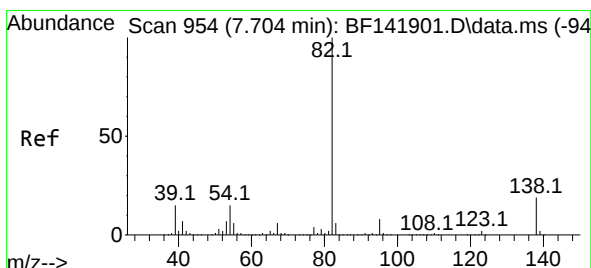
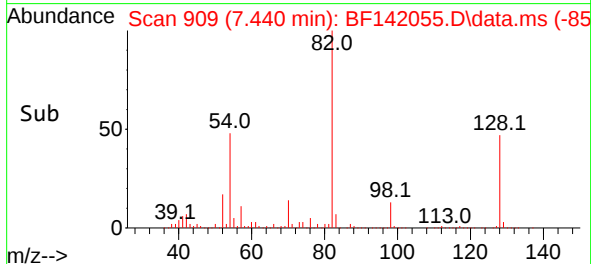
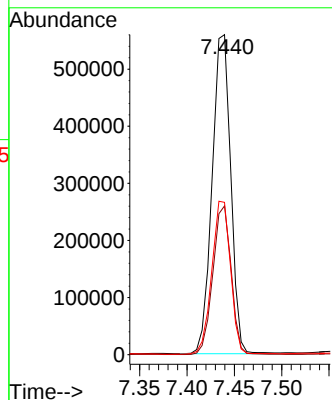
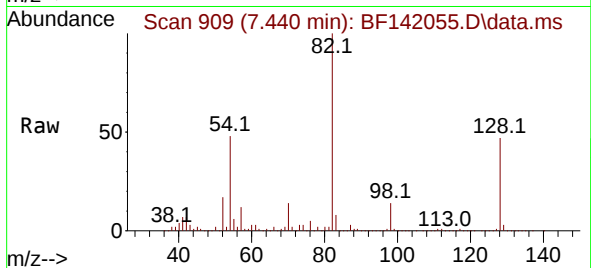
Tgt Ion: 82 Resp: 763718

Ion Ratio Lower Upper

82 100

128 46.5 36.0 54.0

54 47.6 39.6 59.4



#25

Isophorone

Concen: 56.668 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

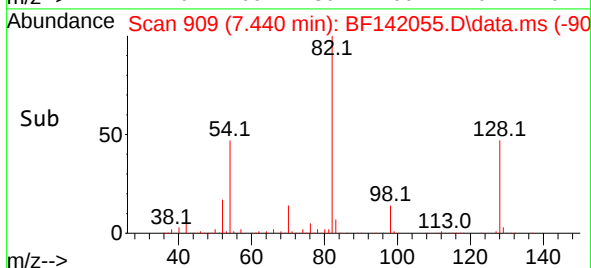
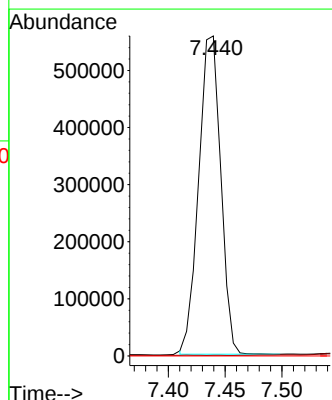
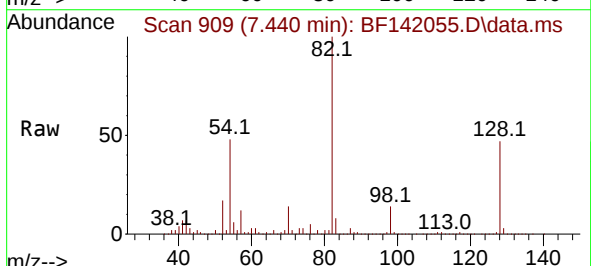
Tgt Ion: 82 Resp: 753283

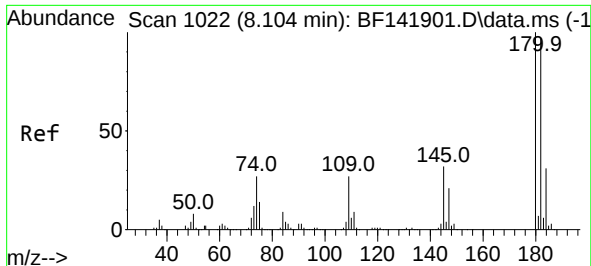
Ion Ratio Lower Upper

82 100

95 0.2 6.4 9.6#

138 0.0 14.9 22.3#

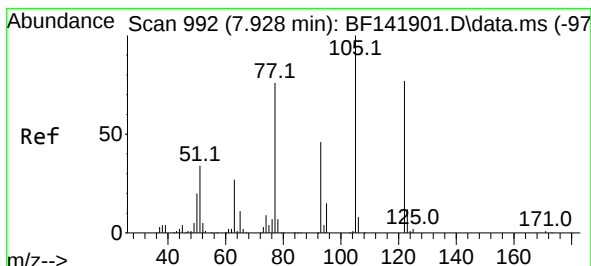
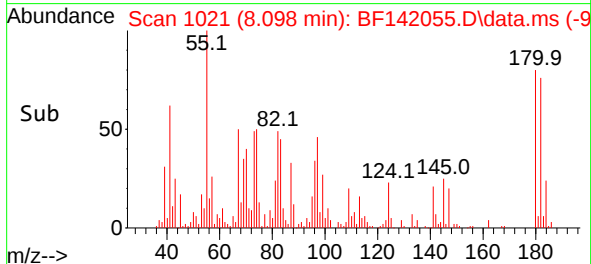
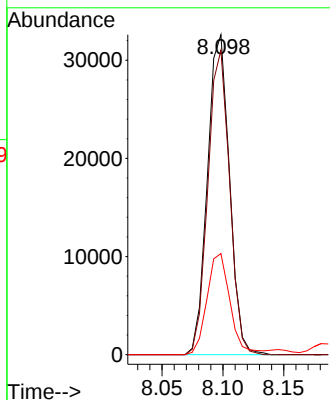
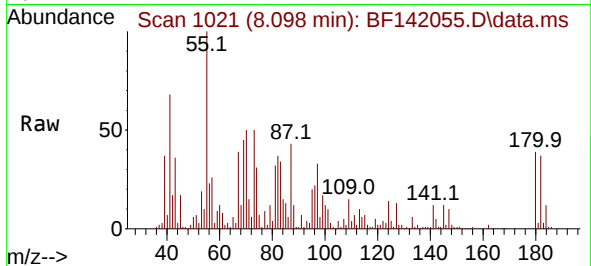




#30
1,2,4-Trichlorobenzene
Concen: 5.941 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

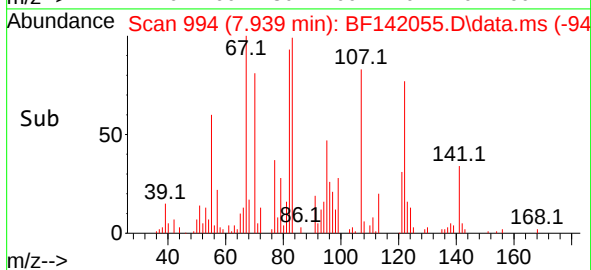
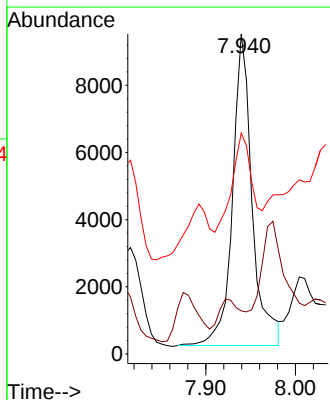
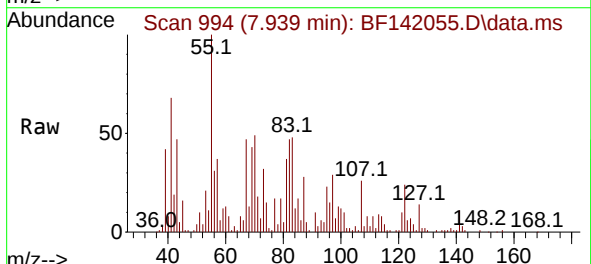
Instrument :
BNA_F
ClientSampleId :

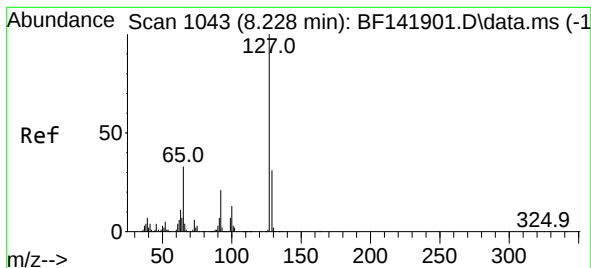
Tgt Ion:180 Resp: 41060
Ion Ratio Lower Upper
180 100
182 95.2 77.5 116.3
145 31.6 25.8 38.6



#32
Benzoic acid
Concen: 3.169 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.011 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Tgt Ion:122 Resp: 14076
Ion Ratio Lower Upper
122 100
105 13.4 107.9 147.9#
77 69.0 79.0 119.0#





#33

4-Chloroaniline

Concen: 5.596 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.082 min

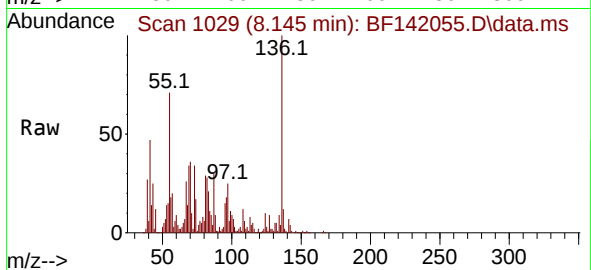
Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:127 Resp: 42946

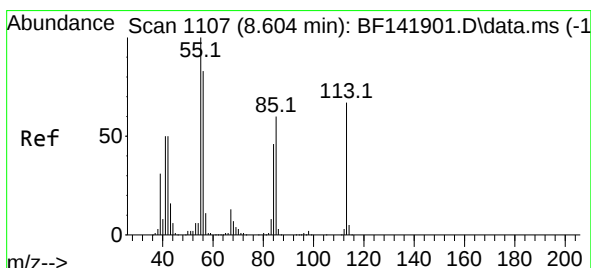
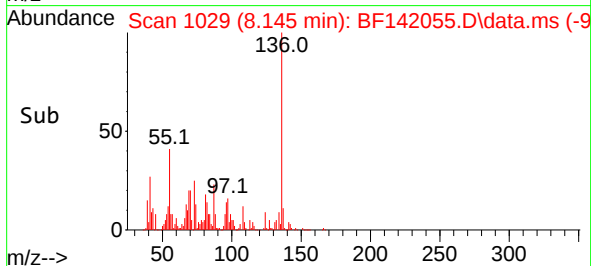
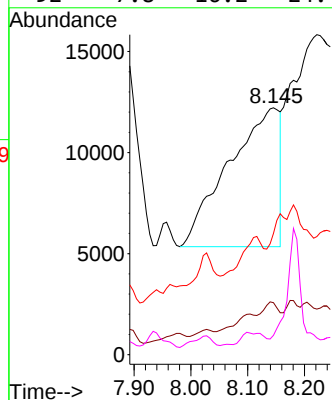
Ion Ratio Lower Upper

127 100

129 21.0 26.2 39.4#

65 49.1 25.4 38.2#

92 7.8 16.2 24.4#



#35

Caprolactam

Concen: 96.772 ng

RT: 8.639 min Scan# 1113

Delta R.T. 0.035 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

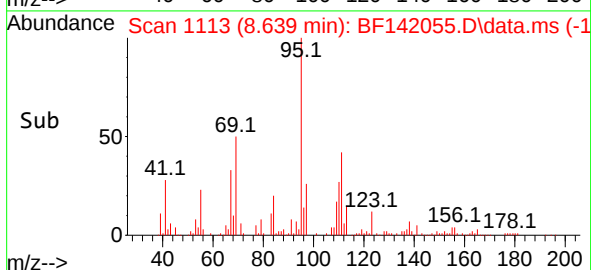
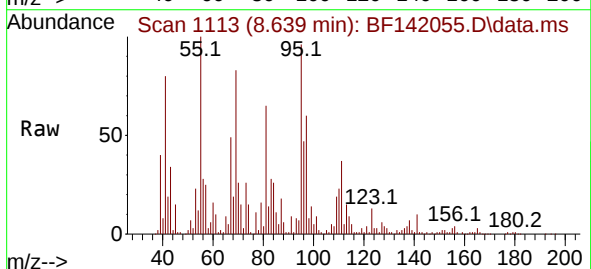
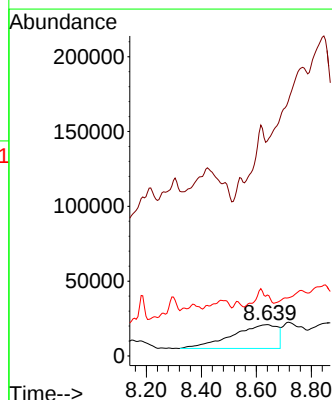
Tgt Ion:113 Resp: 185017

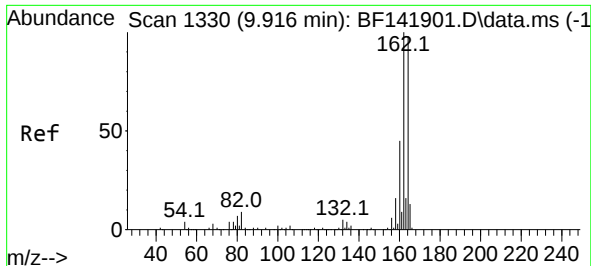
Ion Ratio Lower Upper

113 100

55 685.0 129.6 169.6#

56 194.4 104.0 144.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1180

Delta R.T. -0.047 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

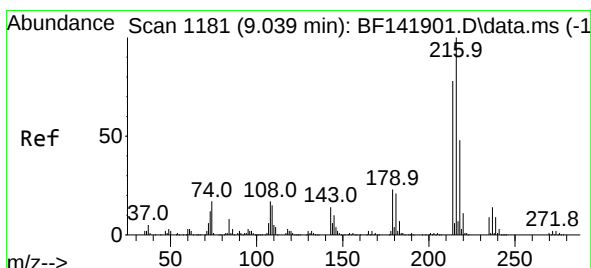
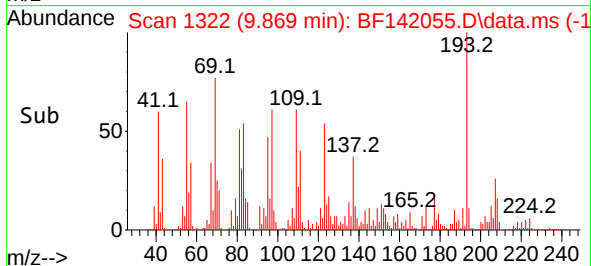
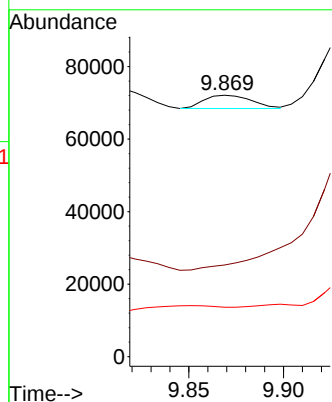
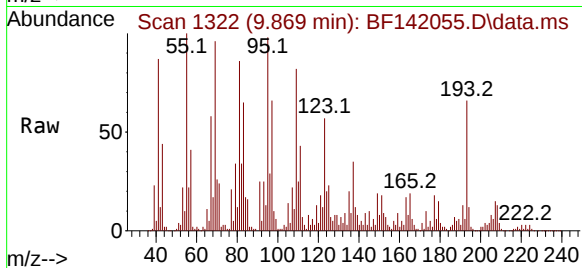
Tgt Ion:164 Resp: 6481

Ion Ratio Lower Upper

164 100

162 35.0 81.8 122.6#

160 18.9 36.7 55.1#



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.435 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Tgt Ion:216 Resp: 9360

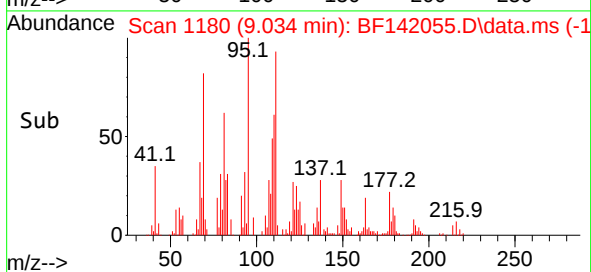
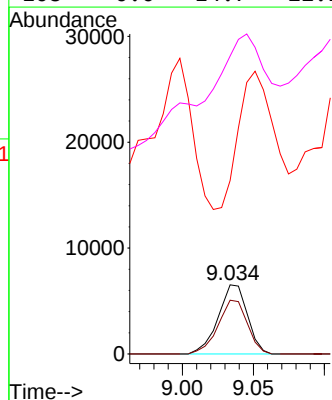
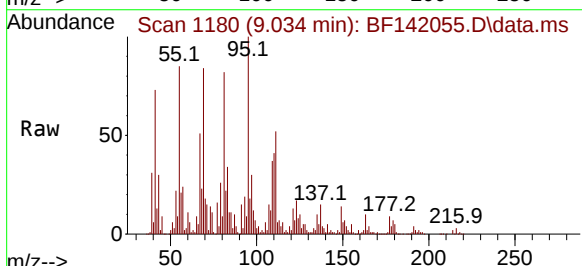
Ion Ratio Lower Upper

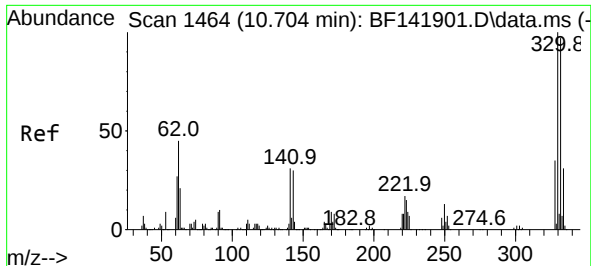
216 100

214 77.7 61.9 92.9

179 241.1 18.1 27.1#

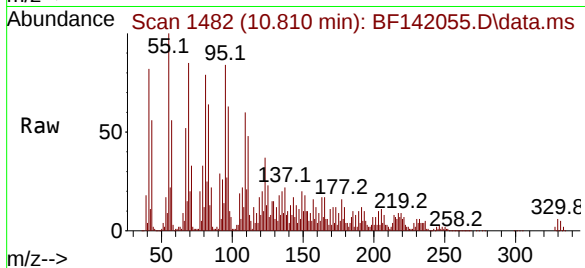
108 0.0 14.7 22.1#



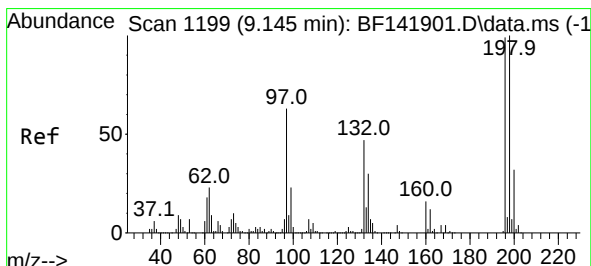
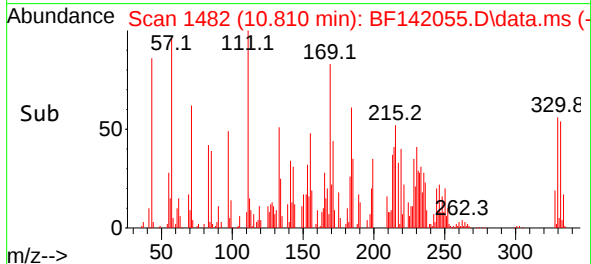
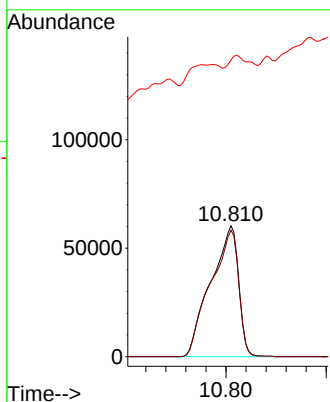


#42
2,4,6-Tribromophenol
Concen: 2825.224 ng
RT: 10.810 min Scan# 1464
Delta R.T. 0.106 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Instrument :
BNA_F
ClientSampleId :

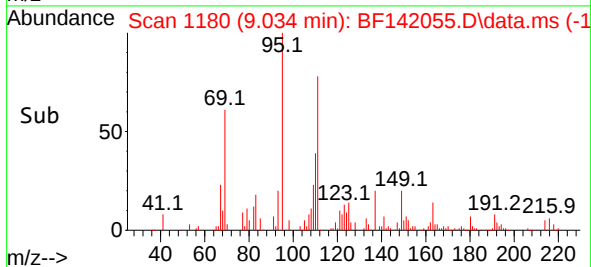
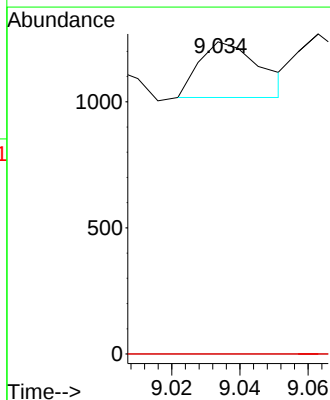
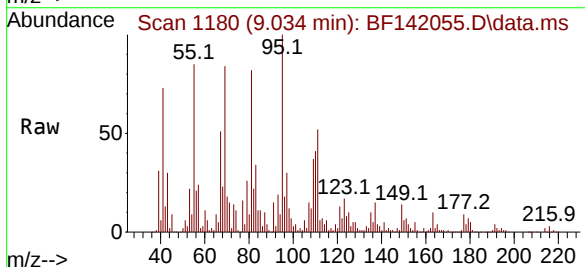


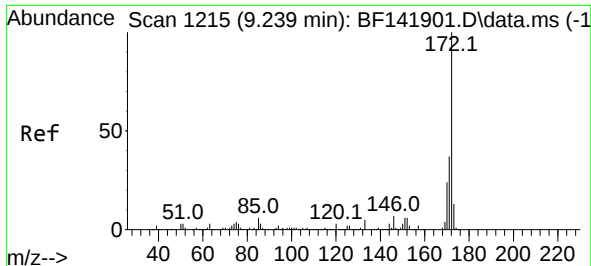
Tgt Ion:330 Resp: 232290
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 0.0 24.7 37.1#



#43
2,4,6-Trichlorophenol
Concen: 2.133 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.112 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Tgt Ion:196 Resp: 275
Ion Ratio Lower Upper
196 100
198 0.0 80.6 121.0#
200 0.0 25.8 38.6#

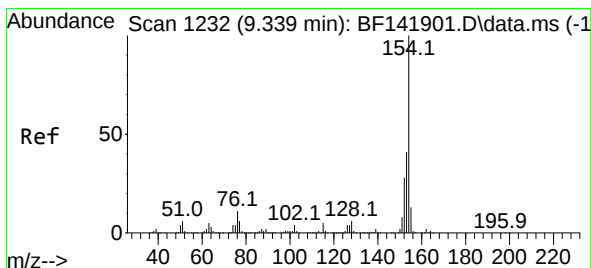
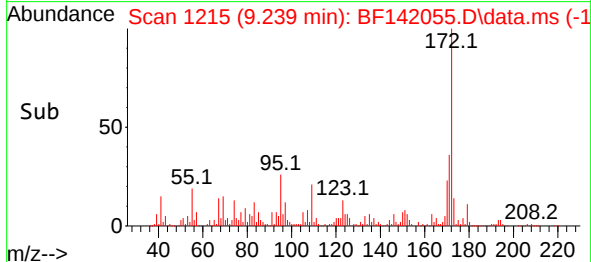
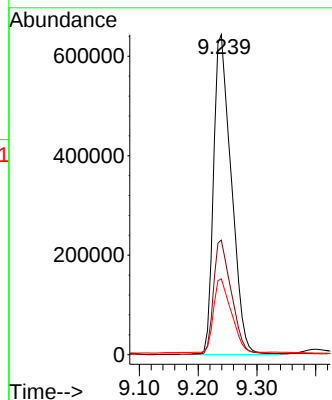
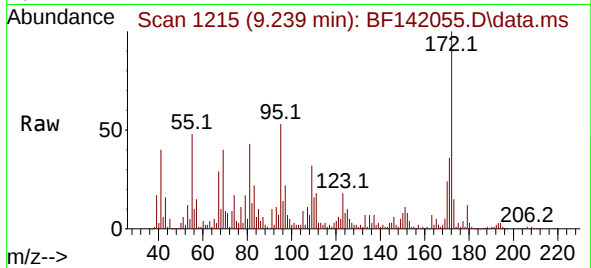




#45
2-Fluorobiphenyl
Concen: 3169.932 ng
RT: 9.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

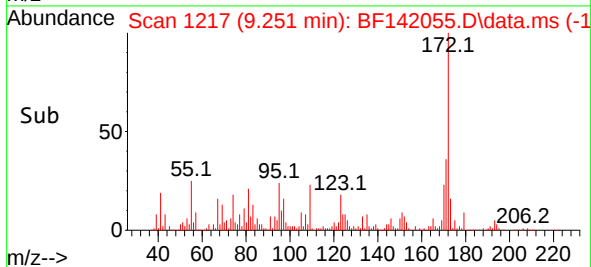
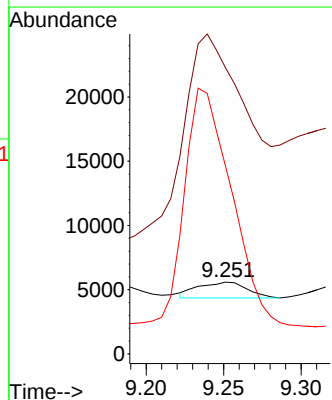
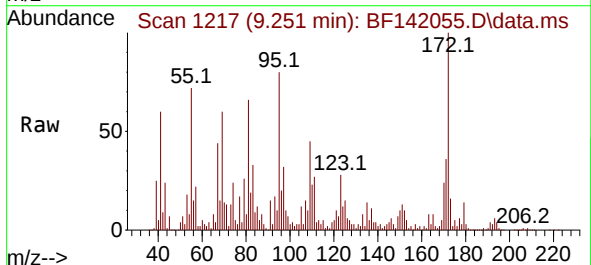
Instrument :
BNA_F
ClientSampleId :

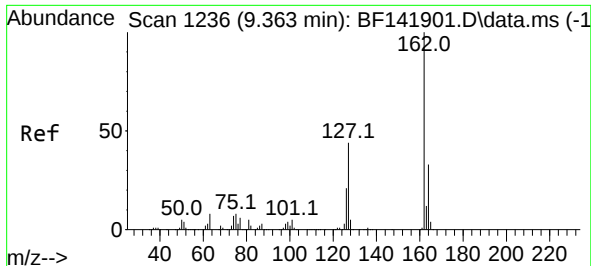
Tgt Ion:172 Resp: 1350880
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.7 19.4 29.0



#46
1,1'-Biphenyl
Concen: 5.485 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.088 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Tgt Ion:154 Resp: 2701
Ion Ratio Lower Upper
154 100
153 398.7 21.1 61.1#
76 261.5 0.0 31.3#





#47

2-Chloronaphthalene

Concen: 6.403 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.023 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

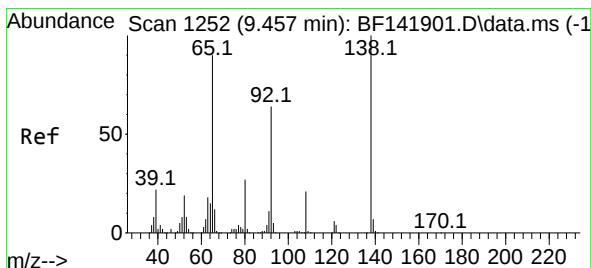
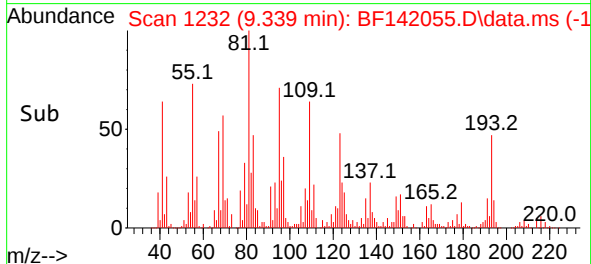
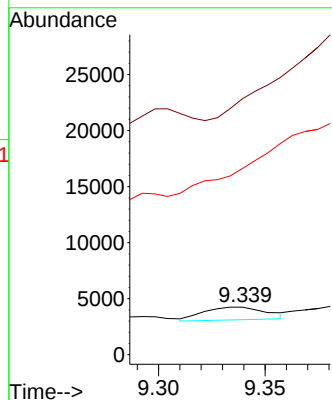
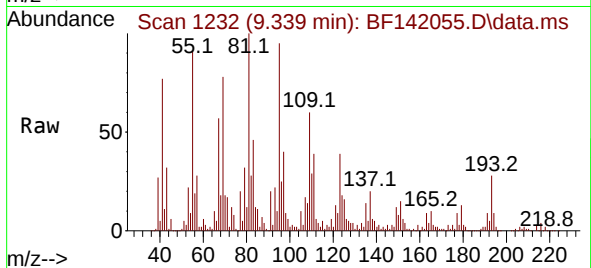
Tgt Ion:162 Resp: 2350

Ion Ratio Lower Upper

162 100

127 538.0 35.5 53.3#

164 391.4 26.6 40.0#



#48

2-Nitroaniline

Concen: 1219.753 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

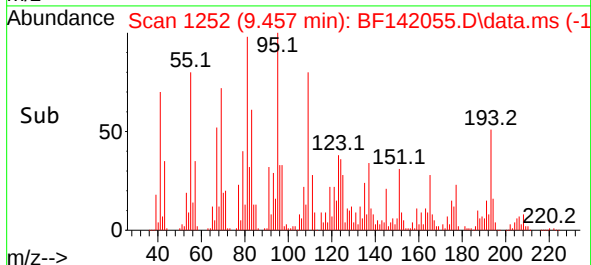
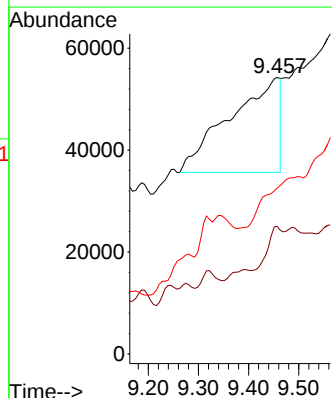
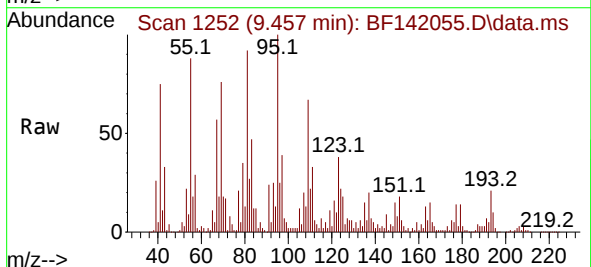
Tgt Ion: 65 Resp: 129626

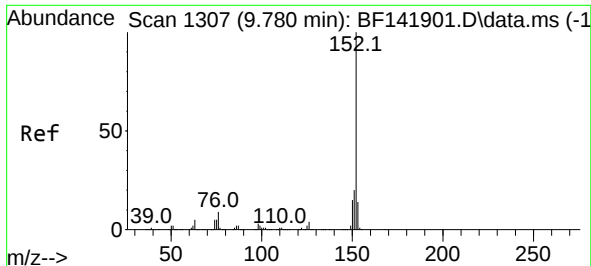
Ion Ratio Lower Upper

65 100

92 46.1 56.6 84.8#

138 60.0 88.6 133.0#





#49

Acenaphthylene

Concen: 39.940 ng

RT: 9.710 min Scan# 1295

Delta R.T. -0.070 min

Lab File: BF142055.D

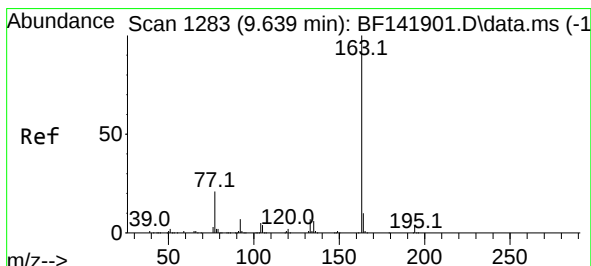
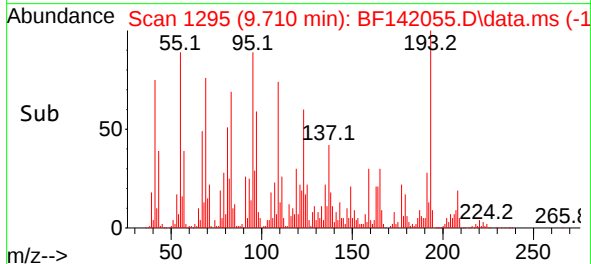
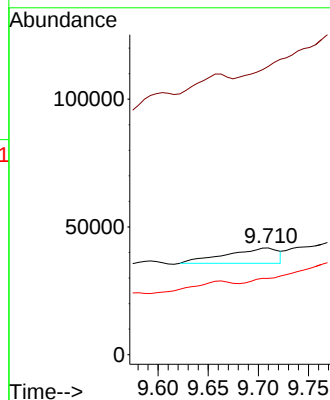
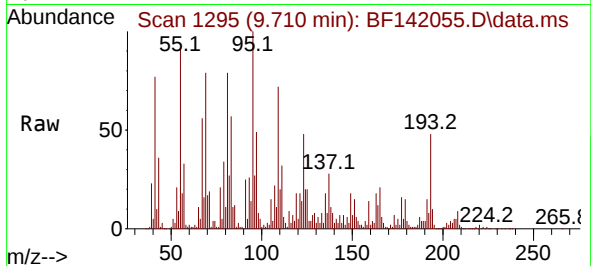
Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:152 Resp: 21754
 Ion Ratio Lower Upper
 152 100
 151 270.1 16.3 24.5#
 153 71.5 11.1 16.7#



#50

Dimethylphthalate

Concen: 898.745 ng

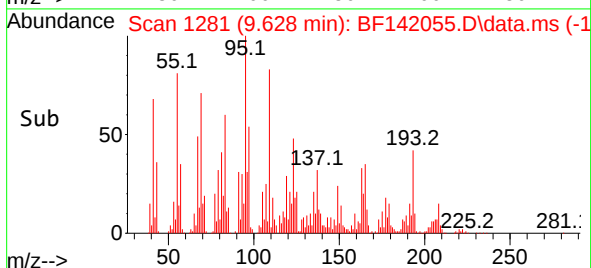
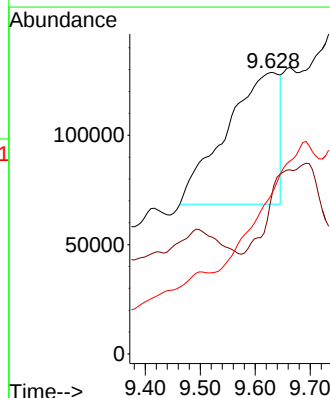
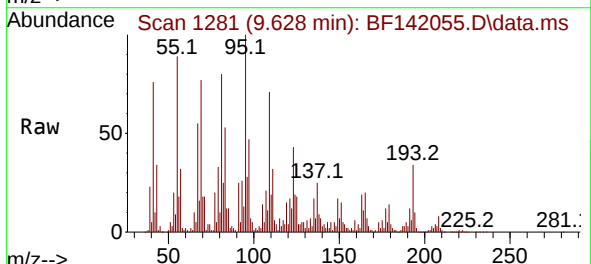
RT: 9.628 min Scan# 1281

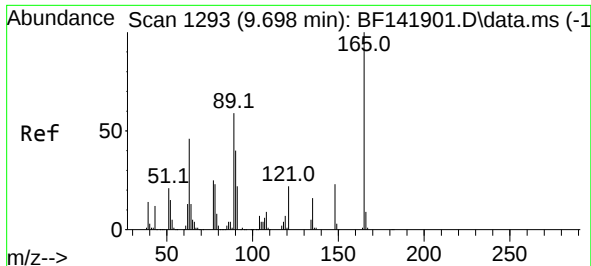
Delta R.T. -0.012 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Tgt Ion:163 Resp: 407894
 Ion Ratio Lower Upper
 163 100
 194 53.9 3.1 4.7#
 164 56.0 8.2 12.4#





#51

2,6-Dinitrotoluene

Concen: 3368.001 ng

RT: 9.645 min Scan# 11

Delta R.T. -0.053 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

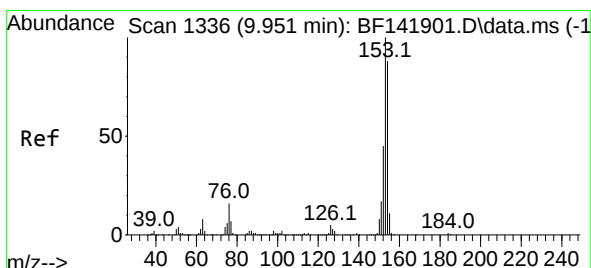
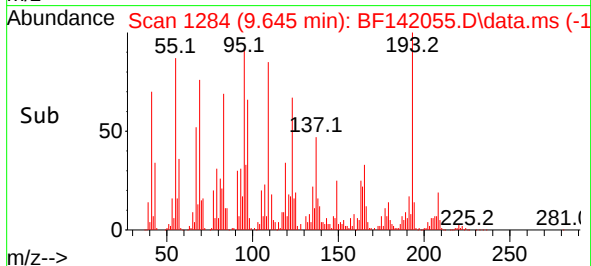
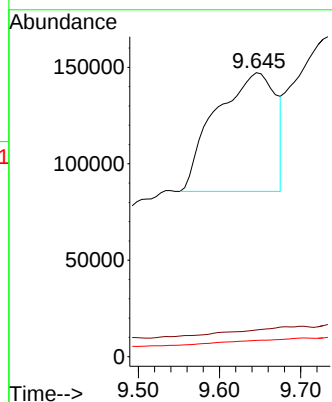
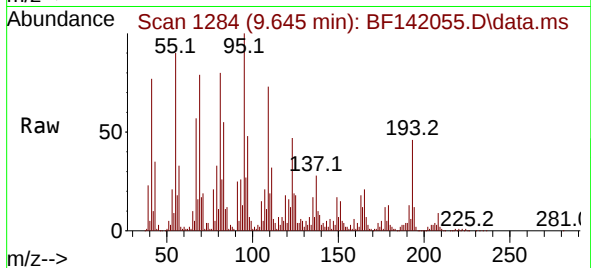
Tgt Ion:165 Resp: 318261

Ion Ratio Lower Upper

165 100

63 9.4 47.0 70.4#

89 5.8 47.4 71.2#



#52

Acenaphthene

Concen: 234.252 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.076 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

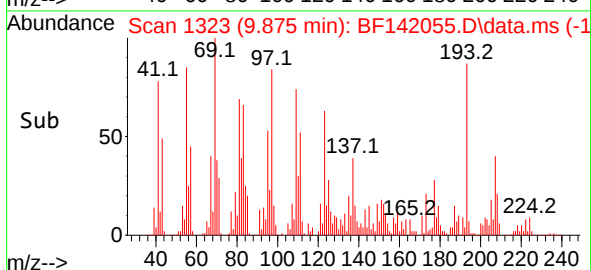
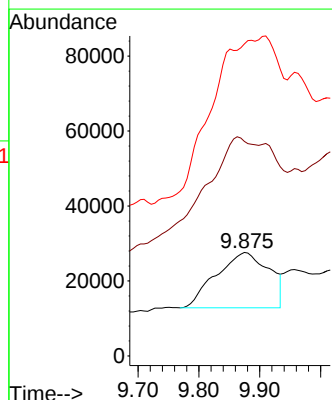
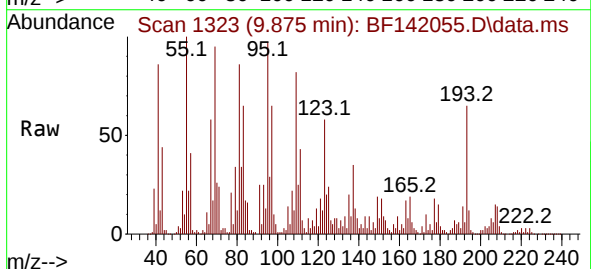
Tgt Ion:154 Resp: 89664

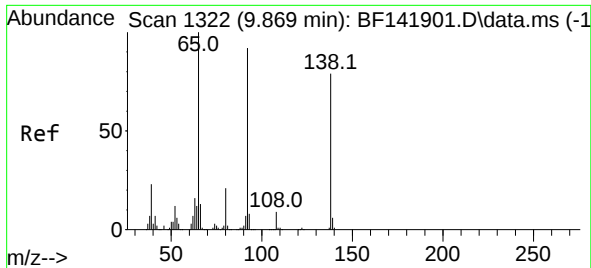
Ion Ratio Lower Upper

154 100

153 207.3 90.7 136.1#

152 301.5 41.1 61.7#

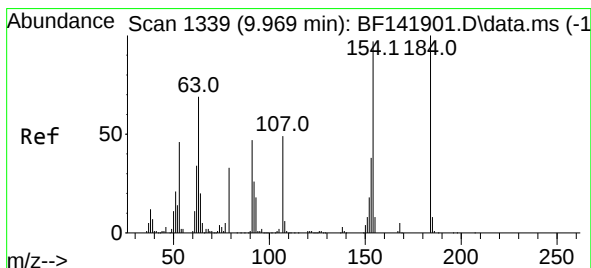
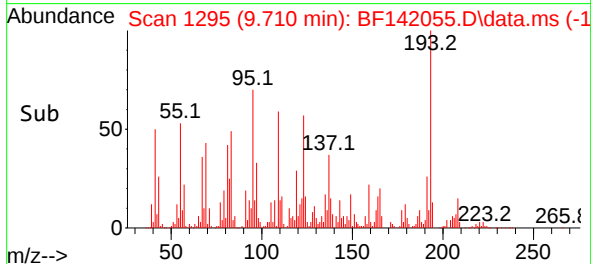
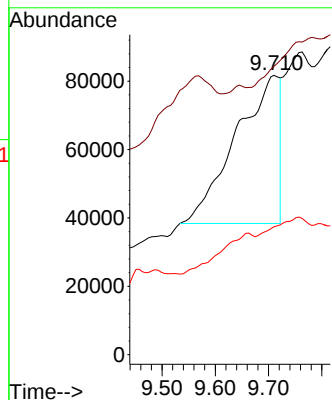
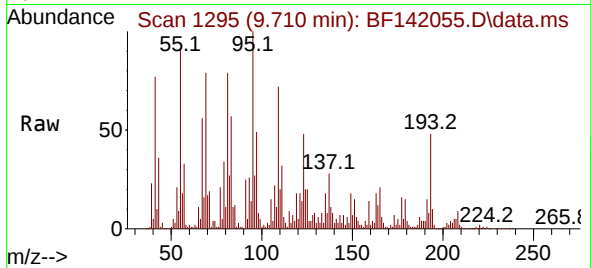




#53
3-Nitroaniline
Concen: 2596.182 ng
RT: 9.710 min Scan# 1295
Delta R.T. -0.159 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

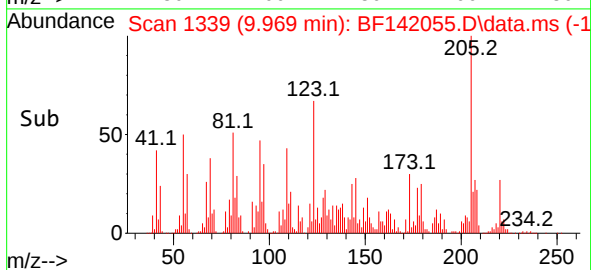
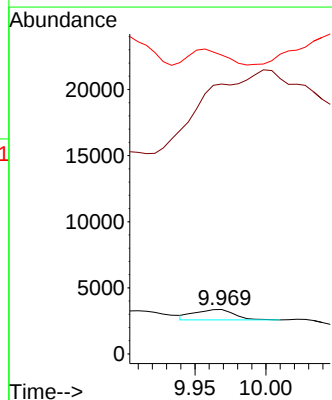
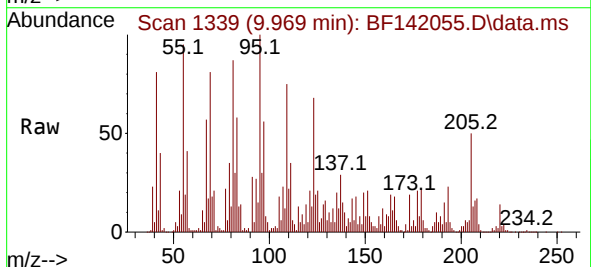
Instrument :
BNA_F
ClientSampleId :

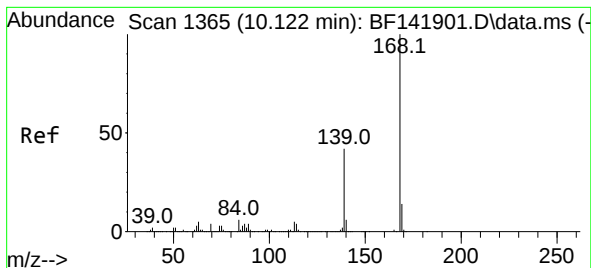
Tgt Ion:138 Resp: 248853
Ion Ratio Lower Upper
138 100
108 103.2 9.3 13.9#
92 45.7 93.5 140.3#



#54
2,4-Dinitrophenol
Concen: 32.284 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Tgt Ion:184 Resp: 1504
Ion Ratio Lower Upper
184 100
63 607.4 60.2 90.4#
154 672.9 132.9 199.3#





#55

Dibenzofuran

Concen: 3.090 ng

RT: 10.039 min Scan# 11

Delta R.T. -0.082 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

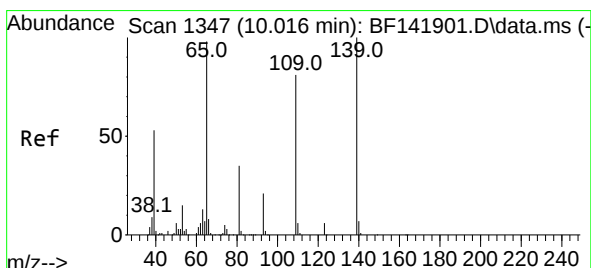
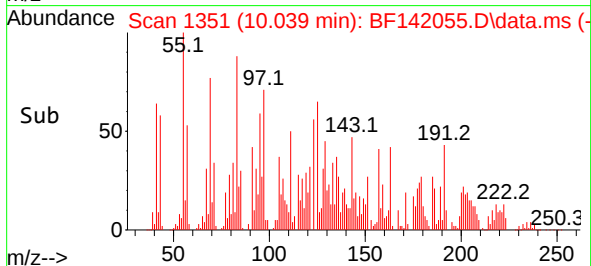
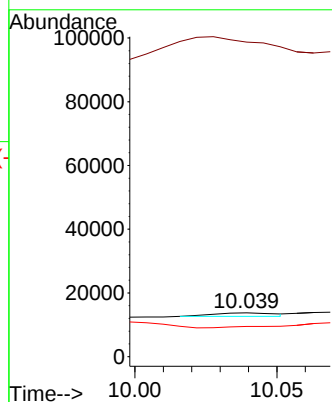
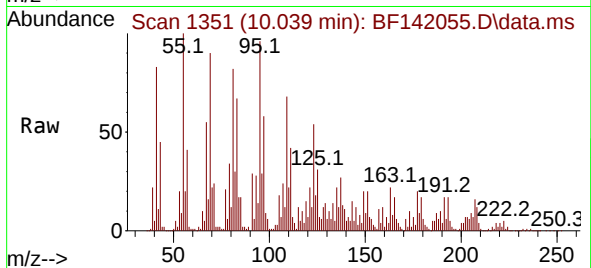
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:168 Resp: 1690

Ion	Ratio	Lower	Upper
168	100		
139	718.2	33.9	50.9#
169	68.9	11.0	16.4#



#56

4-Nitrophenol

Concen: 511.734 ng

RT: 9.816 min Scan# 1313

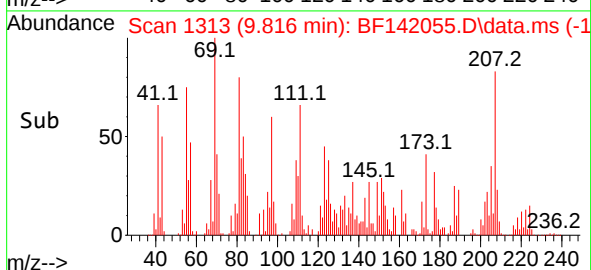
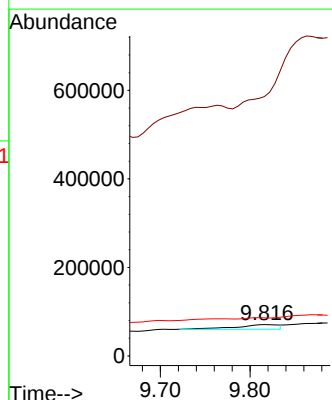
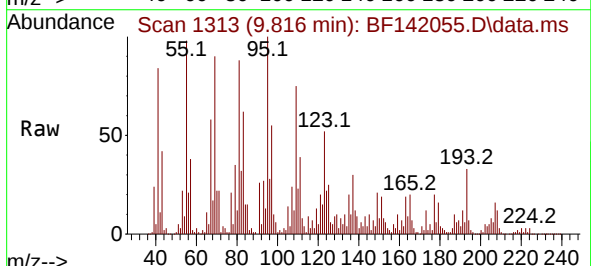
Delta R.T. -0.200 min

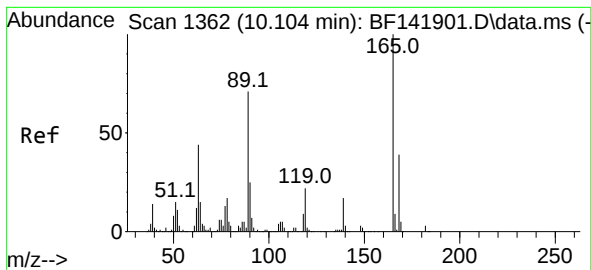
Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Tgt Ion:139 Resp: 36991

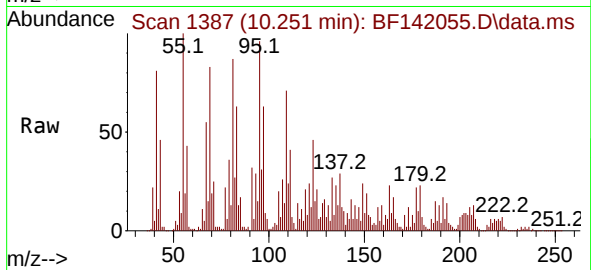
Ion	Ratio	Lower	Upper
139	100		
109	825.1	61.6	101.6#
65	121.3	79.4	119.4#



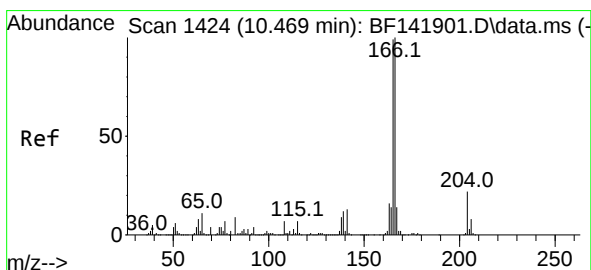
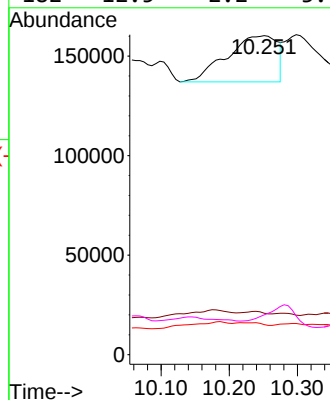
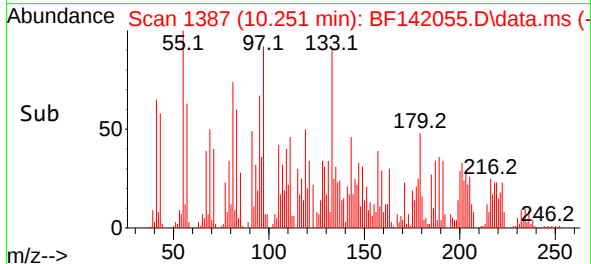


#57
2,4-Dinitrotoluene
Concen: 972.868 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.147 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

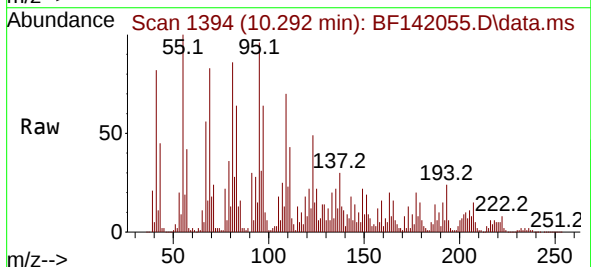
Instrument :
BNA_F
ClientSampleId :



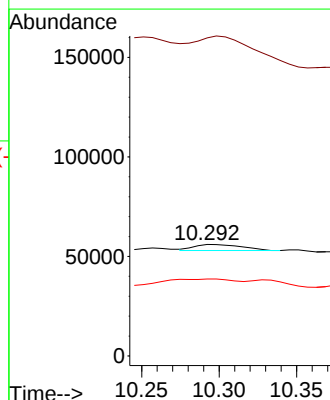
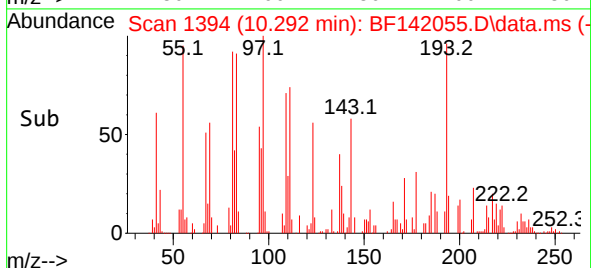
Tgt Ion:165 Resp: 120072
Ion Ratio Lower Upper
165 100
63 13.0 35.4 53.2#
89 9.4 56.6 84.8#
182 12.5 2.2 3.4#

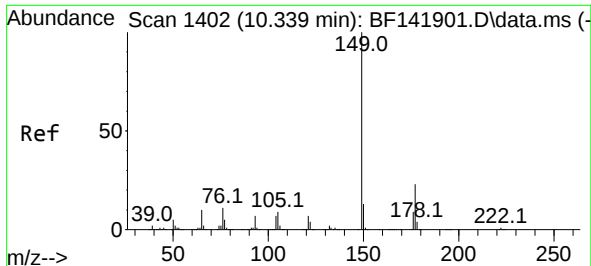


#58
Fluorene
Concen: 15.368 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.176 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25



Tgt Ion:166 Resp: 6482
Ion Ratio Lower Upper
166 100
165 285.3 79.0 118.4#
167 69.0 11.0 16.4#

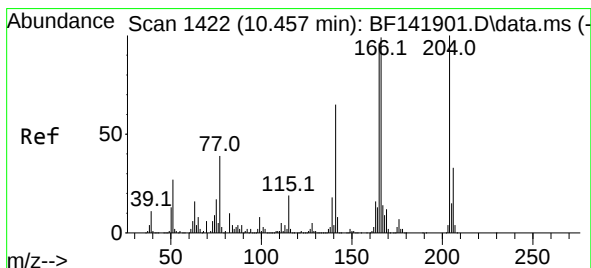
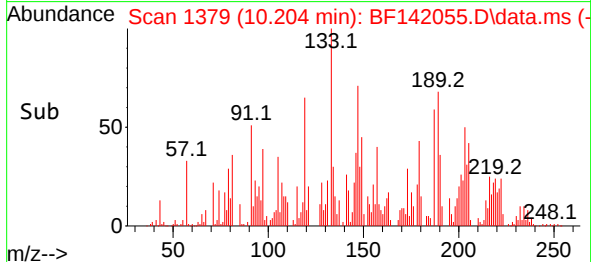
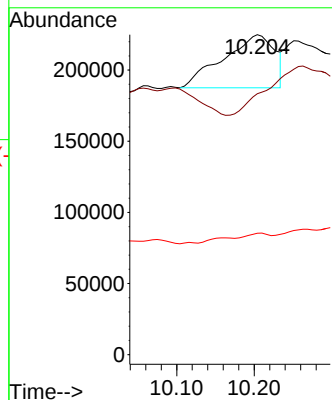
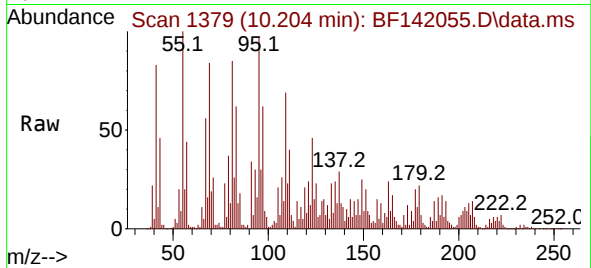




#60
Diethylphthalate
Concen: 379.760 ng
RT: 10.204 min Scan# 1417
Delta R.T. -0.135 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

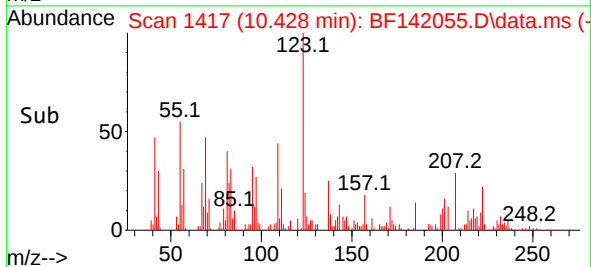
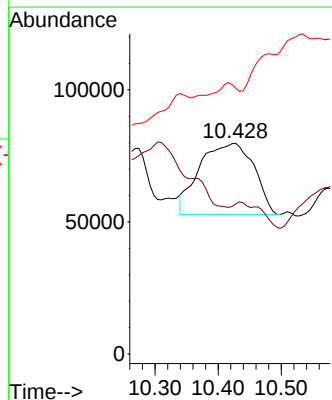
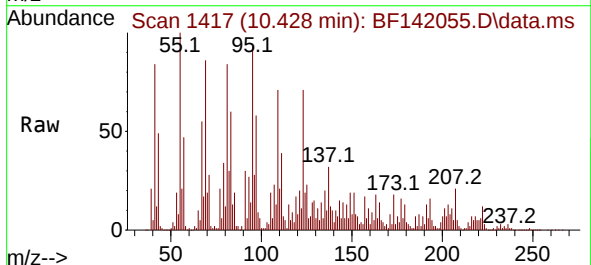
Instrument :
BNA_F
ClientSampleId :

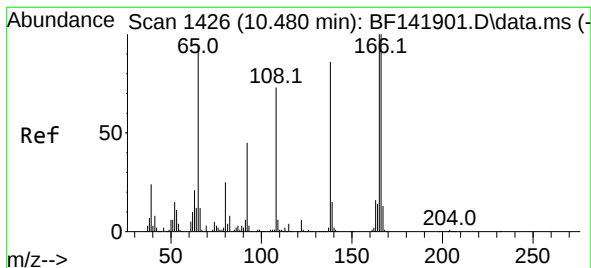
Tgt Ion:149 Resp: 171858
Ion Ratio Lower Upper
149 100
177 81.5 18.0 27.0#
150 37.9 10.2 15.4#



#61
4-Chlorophenyl-phenylether
Concen: 731.912 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.029 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Tgt Ion:204 Resp: 160943
Ion Ratio Lower Upper
204 100
206 71.1 26.8 40.2#
141 126.1 52.4 78.6#

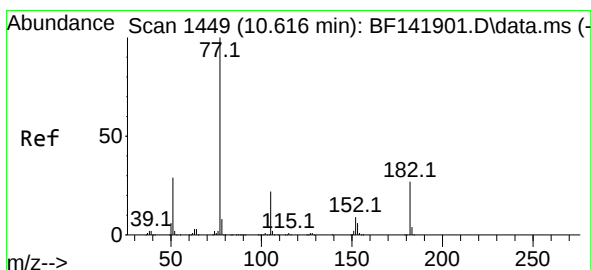
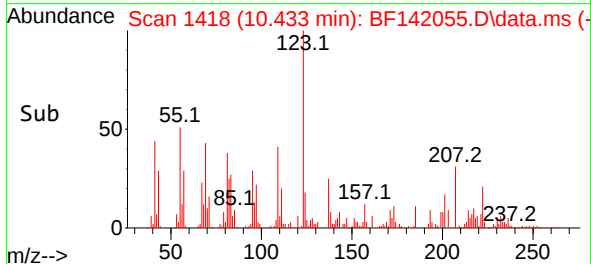
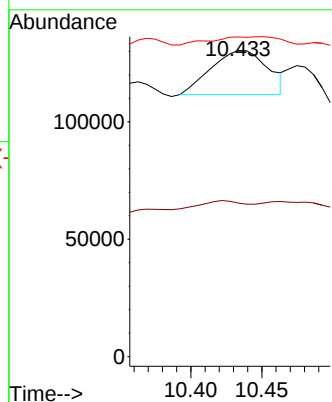
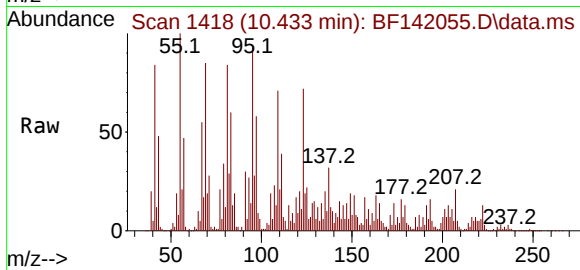




#62
4-Nitroaniline
Concen: 558.559 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.047 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

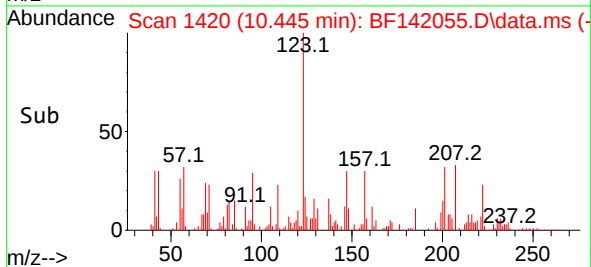
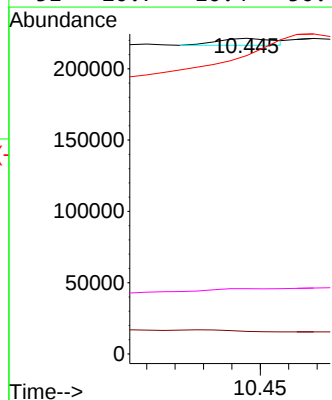
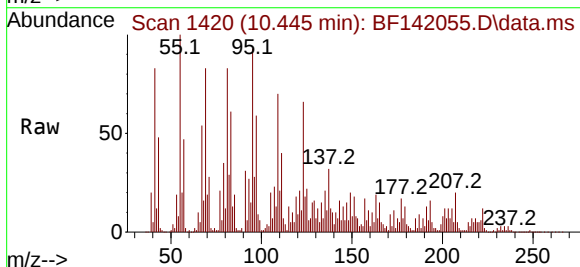
Instrument :
BNA_F
ClientSampleId :

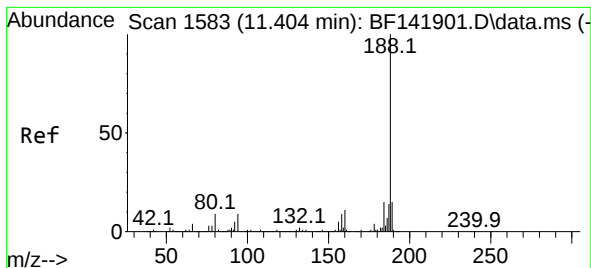
Tgt Ion:138 Resp: 52124
Ion Ratio Lower Upper
138 100
92 50.1 32.6 72.6
108 104.4 65.0 105.0



#63
Azobenzene
Concen: 16.269 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.170 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Tgt Ion: 77 Resp: 6845
Ion Ratio Lower Upper
77 100
182 7.2 6.6 46.6
105 94.5 1.3 41.3#
51 20.7 10.4 50.4

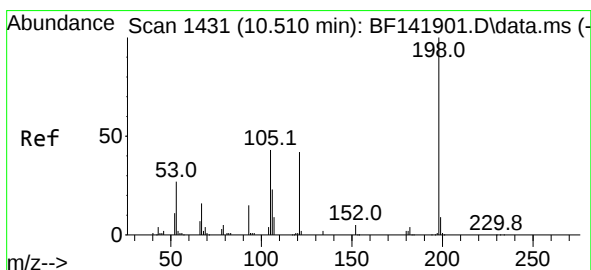
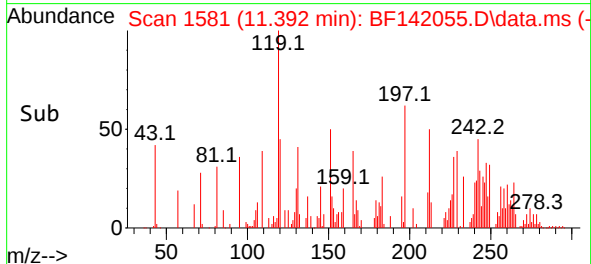
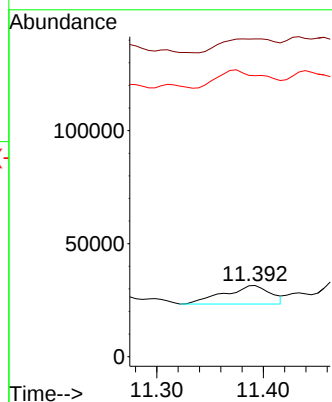
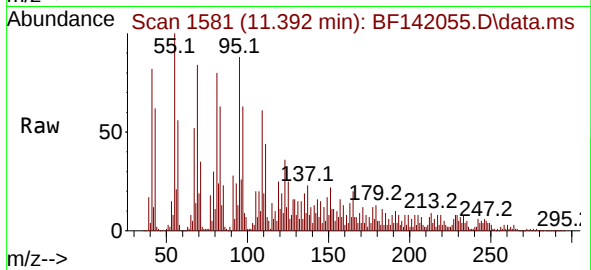




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

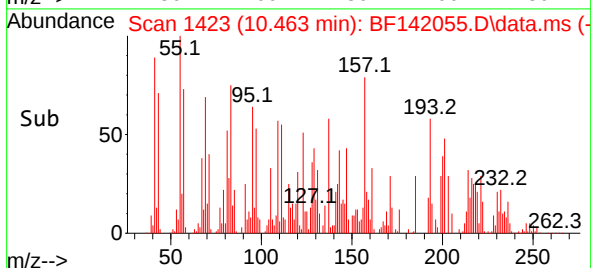
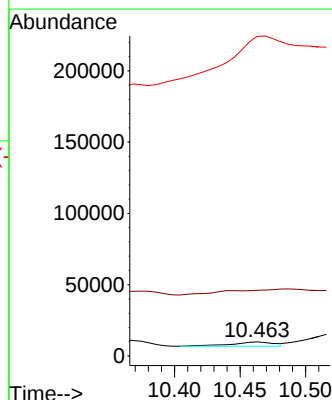
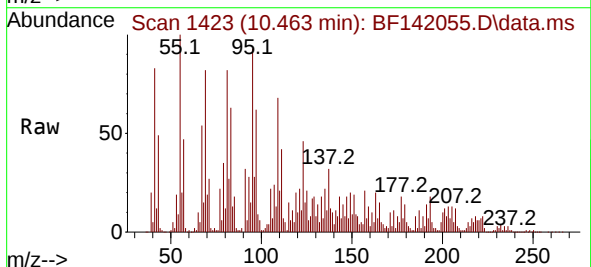
Instrument :
BNA_F
ClientSampleId :

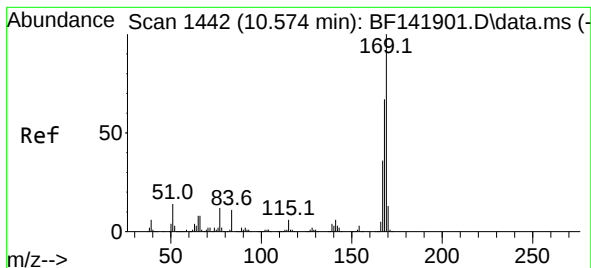
Tgt Ion:188 Resp: 24773
Ion Ratio Lower Upper
188 100
94 446.1 6.8 10.2#
80 394.5 7.6 11.4#



#65
4,6-Dinitro-2-methylphenol
Concen: 46.559 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.047 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

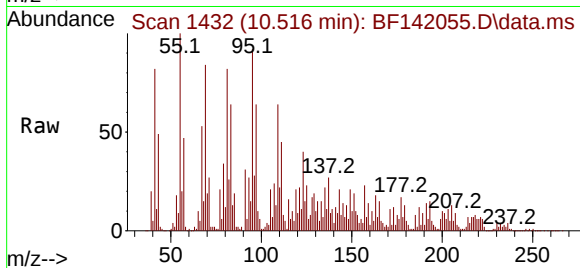
Tgt Ion:198 Resp: 6876
Ion Ratio Lower Upper
198 100
51 467.7 22.3 62.3#
105 2276.1 23.0 63.0#



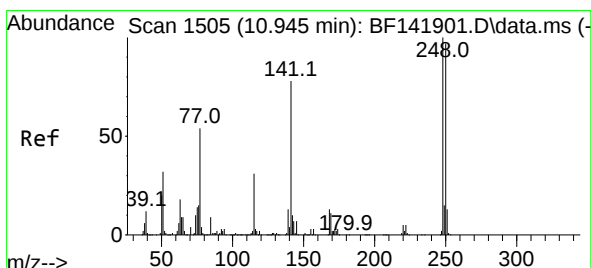
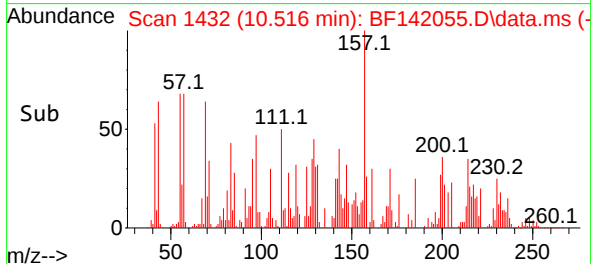
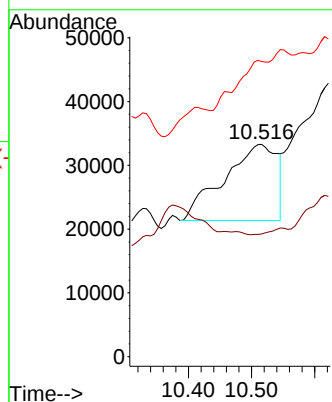


#66
n-Nitrosodiphenylamine
Concen: 87.435 ng
RT: 10.516 min Scan# 1442
Delta R.T. -0.059 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Instrument :
BNA_F
ClientSampleId :

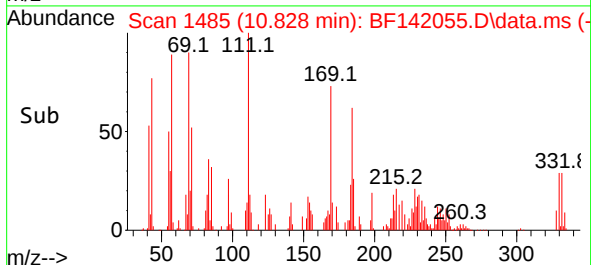
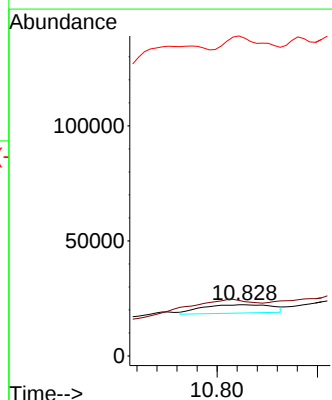
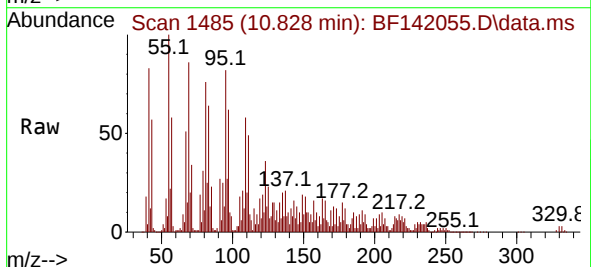


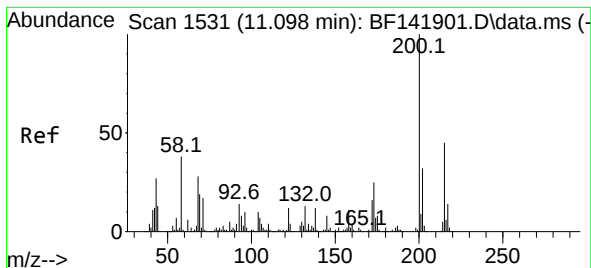
Tgt Ion:169 Resp: 70094
Ion Ratio Lower Upper
169 100
168 57.8 53.7 80.5
167 139.0 29.2 43.8#



#67
4-Bromophenyl-phenylether
Concen: 57.325 ng
RT: 10.828 min Scan# 1485
Delta R.T. -0.117 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Tgt Ion:248 Resp: 17835
Ion Ratio Lower Upper
248 100
250 105.7 77.8 116.8
141 619.9 62.6 93.8#





#69

Atrazine

Concen: 113.307 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

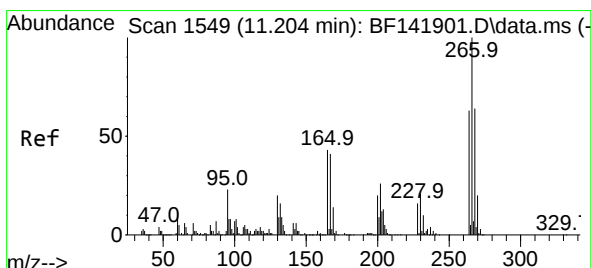
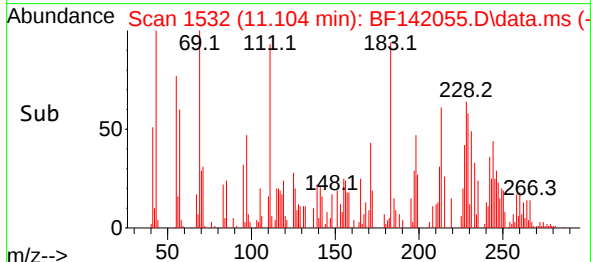
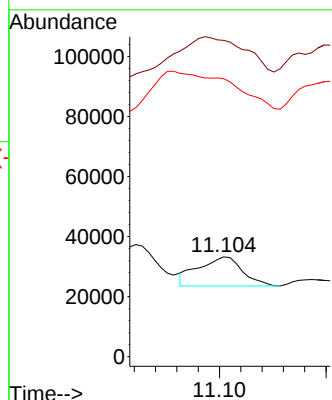
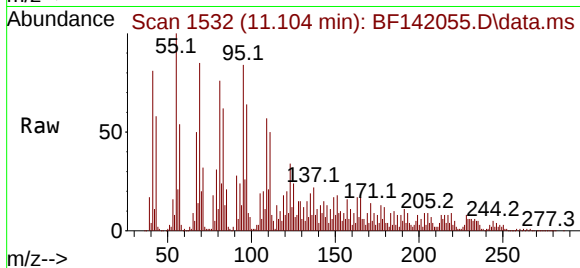
Tgt Ion:200 Resp: 27846

Ion Ratio Lower Upper

200 100

173 316.8 4.7 44.7#

215 278.4 25.4 65.4#



#70

Pentachlorophenol

Concen: 404.290 ng

RT: 11.157 min Scan# 1541

Delta R.T. -0.047 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

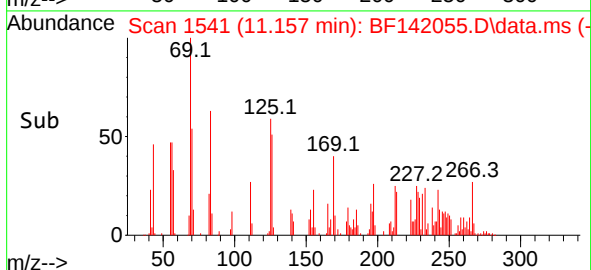
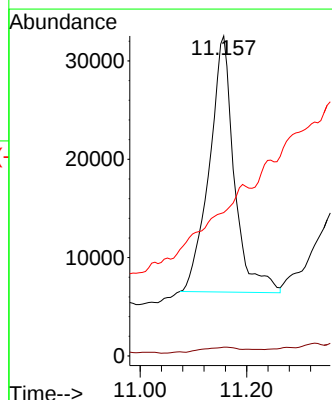
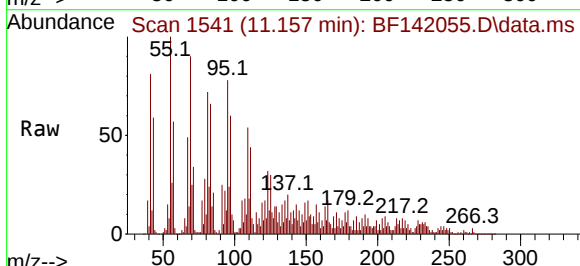
Tgt Ion:266 Resp: 84998

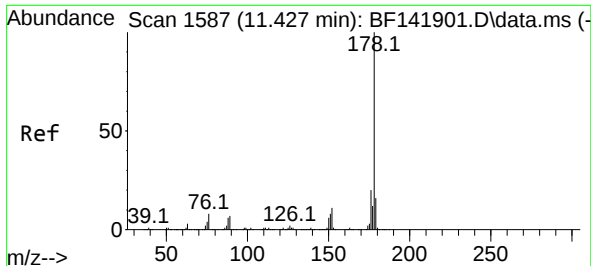
Ion Ratio Lower Upper

266 100

268 2.7 51.0 76.6#

264 44.8 50.2 75.2#

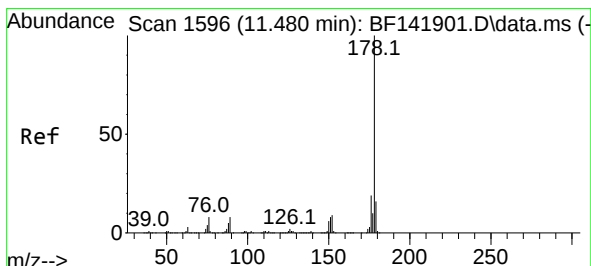
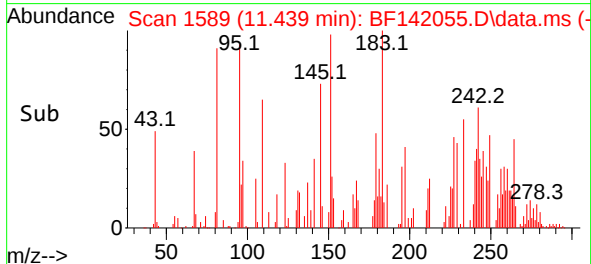
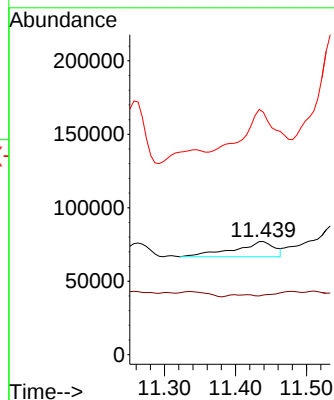
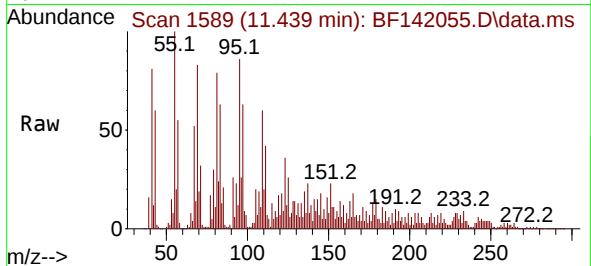




#71
Phenanthrene
Concen: 30.481 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.012 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

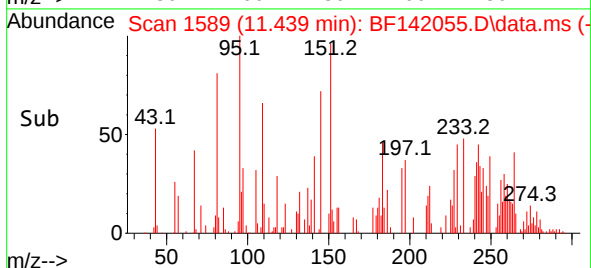
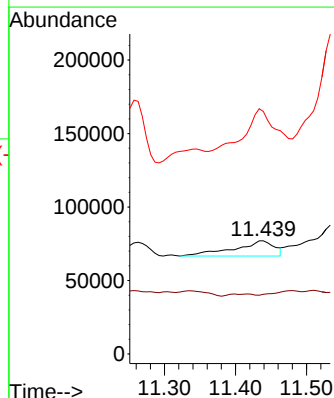
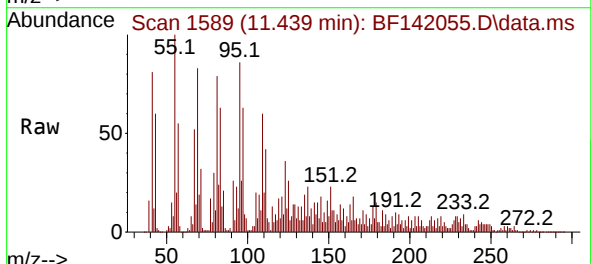
Instrument :
BNA_F
ClientSampleId :

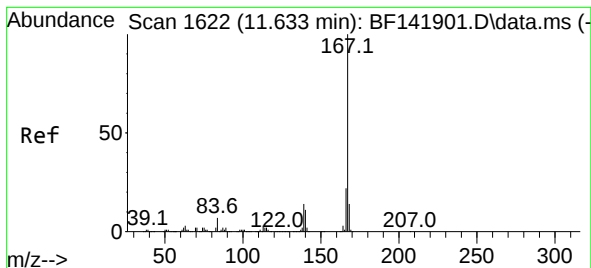
Tgt Ion:178 Resp: 40786
Ion Ratio Lower Upper
178 100
176 52.7 15.8 23.8#
179 214.2 12.6 19.0#



#72
Anthracene
Concen: 30.382 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.041 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Tgt Ion:178 Resp: 40786
Ion Ratio Lower Upper
178 100
176 52.7 15.1 22.7#
179 214.2 12.6 19.0#





#73

Carbazole

Concen: 79.702 ng

RT: 11.604 min Scan# 1

Delta R.T. -0.029 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

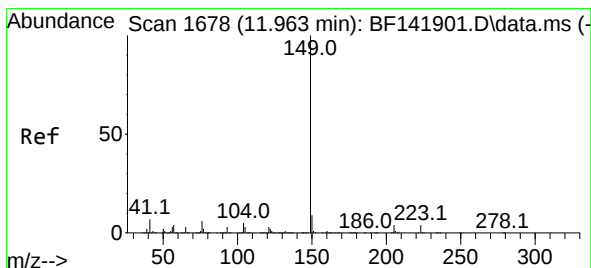
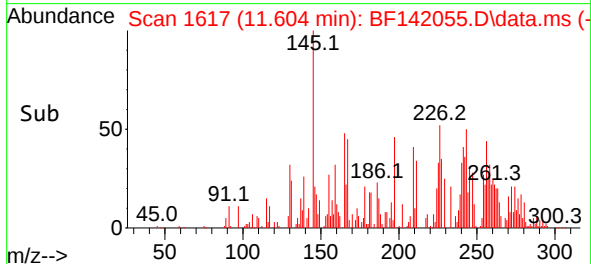
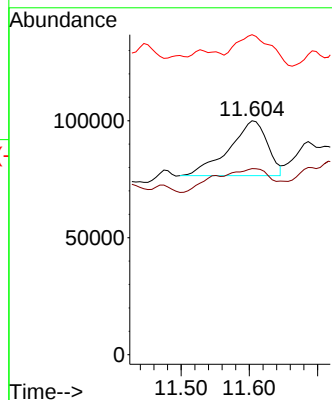
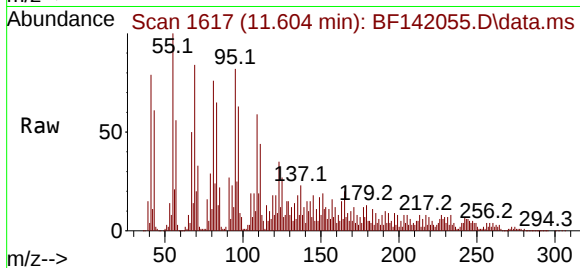
Tgt Ion:167 Resp: 92274

Ion Ratio Lower Upper

167 100

166 79.5 17.4 26.2#

139 136.8 11.0 16.6#



#74

Di-n-butylphthalate

Concen: 6.581 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

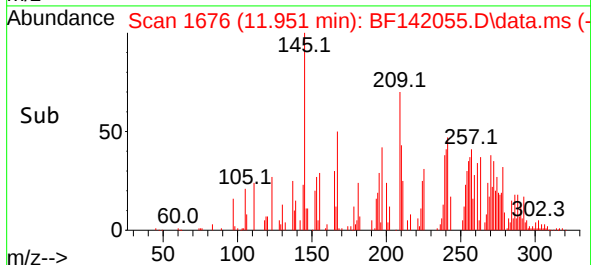
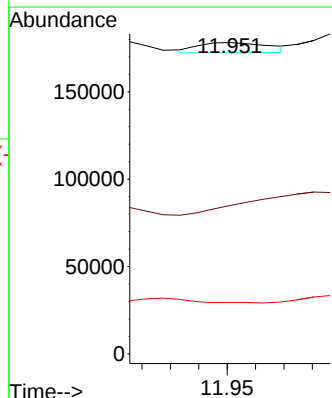
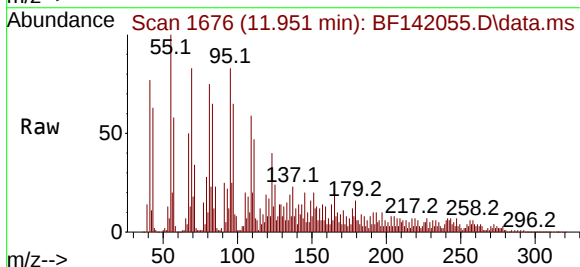
Tgt Ion:149 Resp: 10110

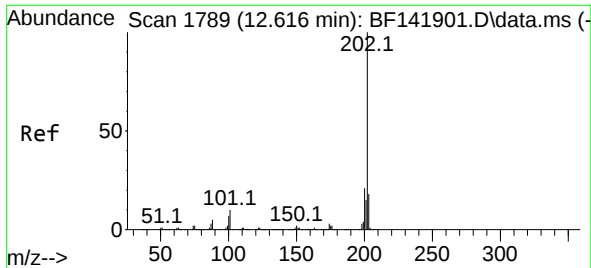
Ion Ratio Lower Upper

149 100

150 47.7 7.6 11.4#

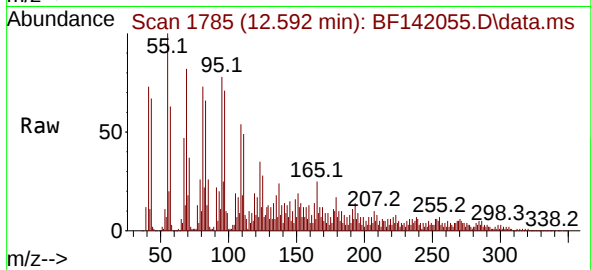
104 16.5 4.4 6.6#



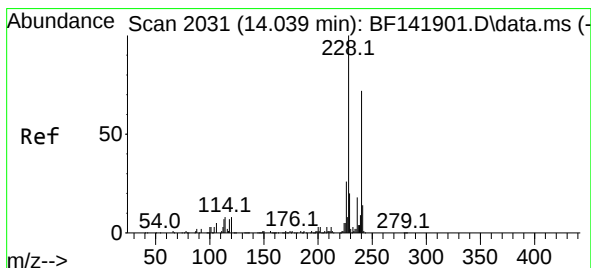
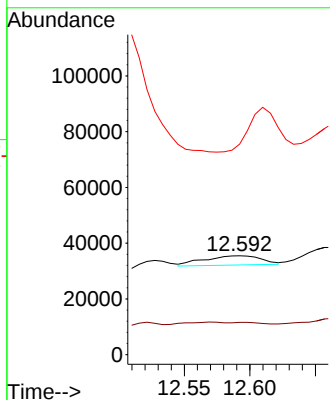
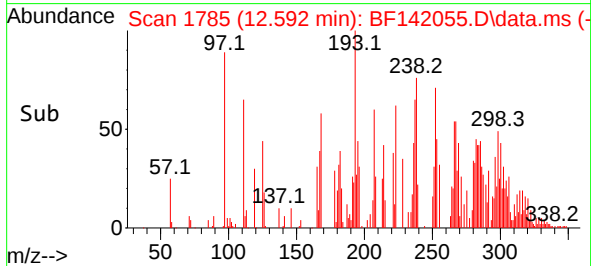


#75
Fluoranthene
Concen: 7.205 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Instrument :
BNA_F
ClientSampleId :

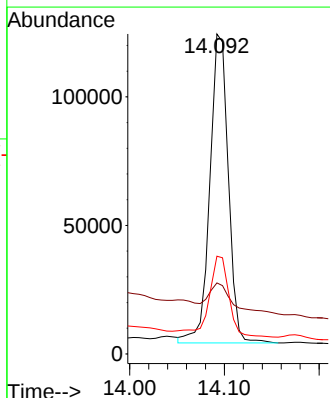
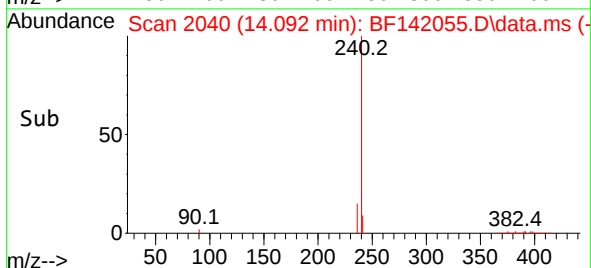
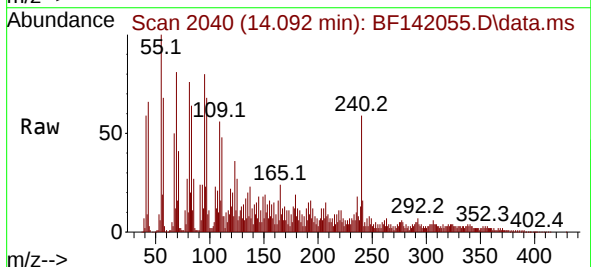


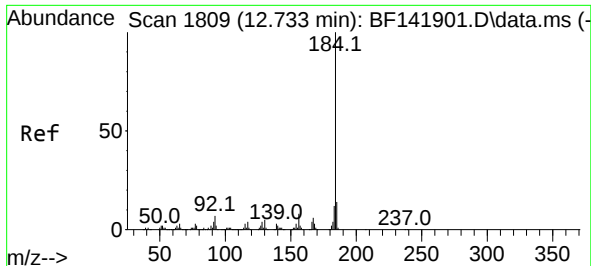
Tgt Ion:202 Resp: 10226
Ion Ratio Lower Upper
202 100
101 32.7 0.0 29.7#
203 212.9 0.0 37.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2040
Delta R.T. 0.053 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

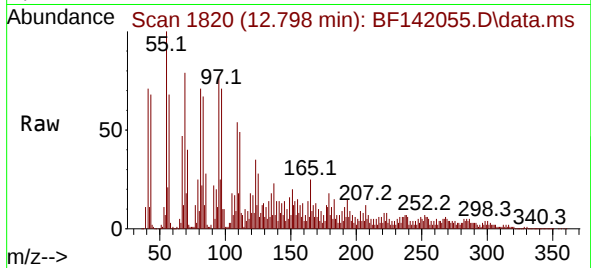
Tgt Ion:240 Resp: 162941
Ion Ratio Lower Upper
240 100
120 22.2 8.4 12.6#
236 30.5 20.5 30.7



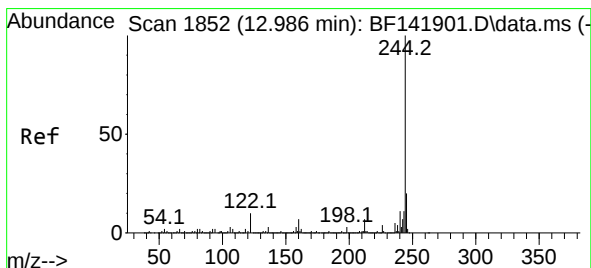
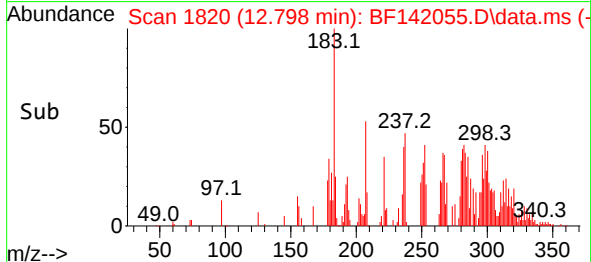
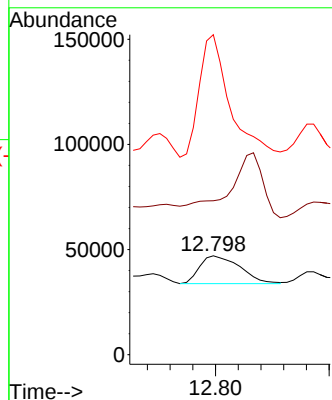


#77
Benzidine
Concen: 14.382 ng
RT: 12.798 min Scan# 1820
Delta R.T. 0.065 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Instrument :
BNA_F
ClientSampleId :

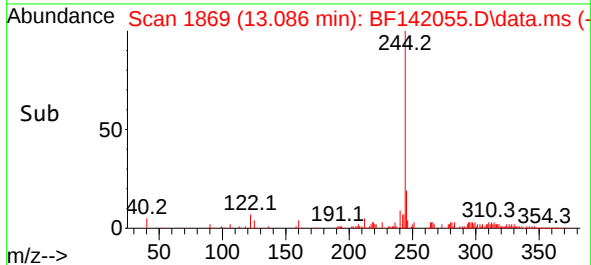
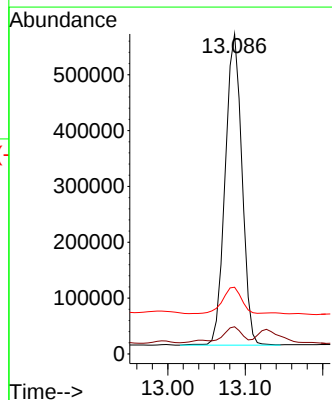
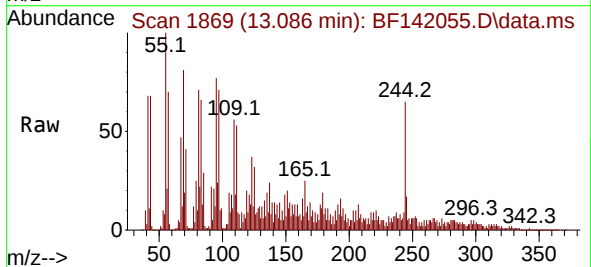


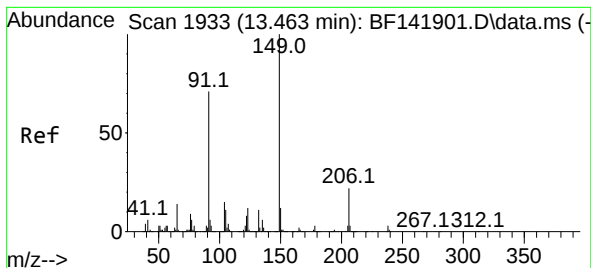
Tgt Ion:184 Resp: 32696
Ion Ratio Lower Upper
184 100
185 155.6 11.5 17.3#
183 323.4 9.7 14.5#



#79
Terphenyl-d14
Concen: 76.305 ng
RT: 13.086 min Scan# 1869
Delta R.T. 0.100 min
Lab File: BF142055.D
Acq: 24 Mar 2025 15:25

Tgt Ion:244 Resp: 840958
Ion Ratio Lower Upper
244 100
212 8.5 6.0 9.0
122 20.9 7.7 11.5#





#80

Butylbenzylphthalate

Concen: 19.474 ng

RT: 13.280 min Scan# 1933

Delta R.T. -0.182 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

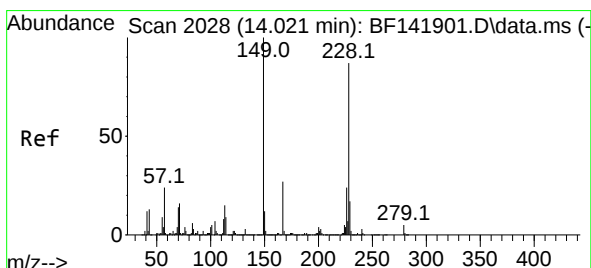
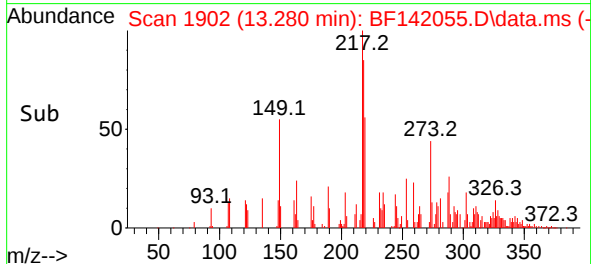
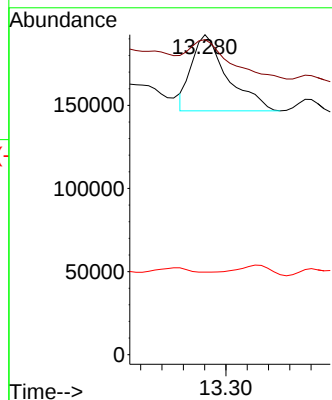
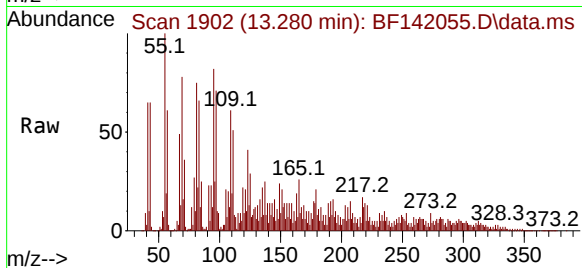
Tgt Ion:149 Resp: 107429

Ion Ratio Lower Upper

149 100

91 98.4 56.5 84.7#

206 25.8 17.3 25.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.547 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.018 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

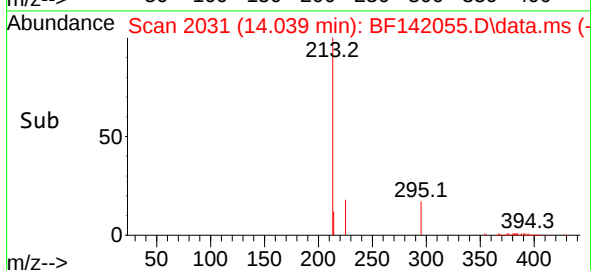
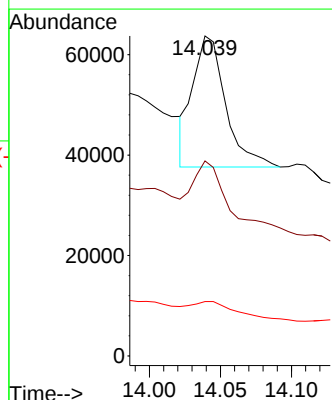
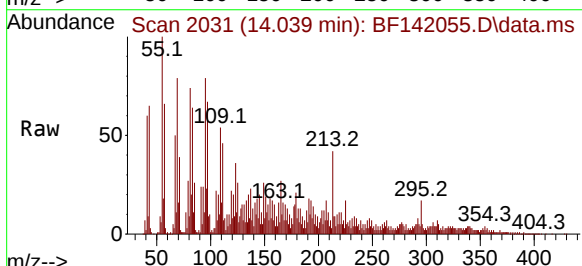
Tgt Ion:149 Resp: 42195

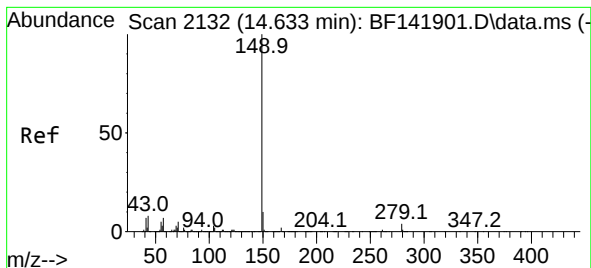
Ion Ratio Lower Upper

149 100

167 60.9 21.4 32.0#

279 17.0 3.8 5.6#





#85

Di-n-octyl phthalate

Concen: 5.282 ng

RT: 14.668 min Scan# 2138

Delta R.T. 0.035 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Instrument :

BNA_F

ClientSampleId :

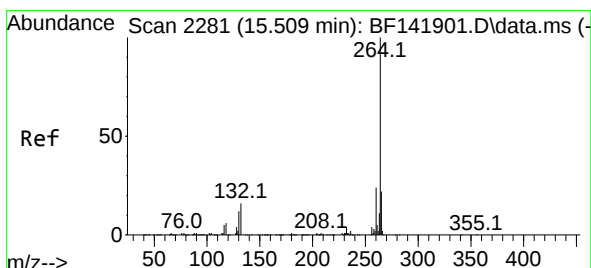
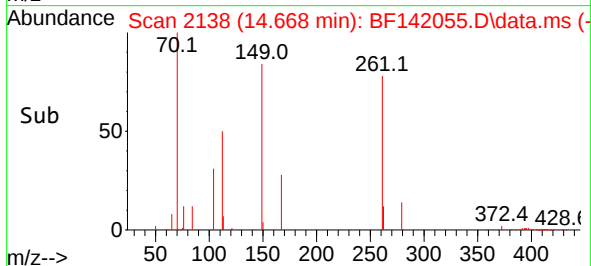
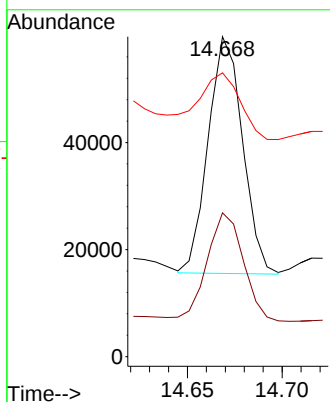
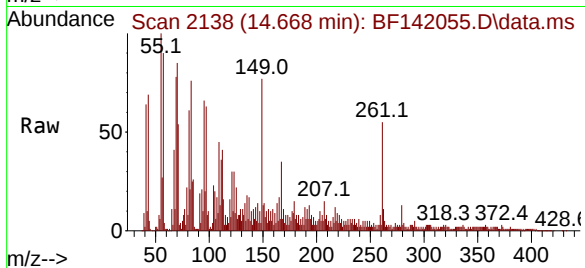
Tgt Ion:149 Resp: 55898

Ion Ratio Lower Upper

149 100

167 48.5 1.3 1.9#

43 30.5 6.9 10.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.018 min

Lab File: BF142055.D

Acq: 24 Mar 2025 15:25

Tgt Ion:264 Resp: 135098

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.5 17.5 26.3

