

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142438.D
 Acq On : 16 May 2025 20:38
 Operator : RC/JU
 Sample : Q2043-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 281

Quant Time: May 16 22:43:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	99642	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	340109	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	106056	20.000	ng	0.01
64) Phenanthrene-d10	11.492	188	110189	20.000	ng	# 0.06
76) Chrysene-d12	14.104	240	134693	20.000	ng	# 0.04
86) Perylene-d12	15.574	264	156682	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	201305	34.488	ng	0.00
7) Phenol-d6	6.516	99	231090	32.189	ng	0.00
23) Nitrobenzene-d5	7.457	82	133648	23.965	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	45742	44.672	ng	0.03
45) 2-Fluorobiphenyl	9.263	172	252759	33.982	ng	0.00
79) Terphenyl-d14	13.080	244	126209	13.869	ng	0.06
Target Compounds						Qvalue
26) 2-Nitrophenol	7.798	139	653	4.323	ng	# 1
32) Benzoic acid	7.975	122	859	6.324	ng	# 23
35) Caprolactam	8.604	113	11162	8.485	ng	# 1
37) 2-Methylnaphthalene	8.898	142	57430	5.607	ng	98
38) 1-Methylnaphthalene	8.998	142	51241	4.800	ng	92
44) 2,4,5-Trichlorophenol	9.216	196	4225	2.125	ng	# 1
46) 1,1'-Biphenyl	9.363	154	64173	7.892	ng	94
48) 2-Nitroaniline	9.498	65	6176	3.984	ng	# 30
49) Acenaphthylene	9.822	152	33499	3.311	ng	# 1
50) Dimethylphthalate	9.616	163	124910	18.342	ng	# 61
51) 2,6-Dinitrotoluene	9.722	165	36132	28.345	ng	# 45
53) 3-Nitroaniline	9.910	138	25634	17.146	ng	# 28
54) 2,4-Dinitrophenol	9.998	184	1312	9.441	ng	# 1
55) Dibenzofuran	10.163	168	25169	2.804	ng	# 1
56) 4-Nitrophenol	10.069	139	17678	15.711	ng	# 1
58) Fluorene	10.516	166	45408	6.628	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.280	232	5750	3.504	ng	# 1
60) Diethylphthalate	10.422	149	52560	7.728	ng	# 6
61) 4-Chlorophenyl-phenyle...	10.533	204	16199	4.901	ng	# 1
62) 4-Nitroaniline	10.433	138	39407	33.257	ng	93
63) Azobenzene	10.674	77	59228	9.114	ng	# 13
65) 4,6-Dinitro-2-methylph...	10.586	198	3477	12.941	ng	# 1
66) n-Nitrosodiphenylamine	10.639	169	111429	30.390	ng	# 55
67) 4-Bromophenyl-phenylether	10.980	248	8698	6.965	ng	# 1
69) Atrazine	11.186	200	11310	11.702	ng	# 1
70) Pentachlorophenol	11.286	266	9825	13.596	ng	# 66
71) Phenanthrene	11.516	178	106306	18.405	ng	# 1
72) Anthracene	11.621	178	57769	9.734	ng	# 1
74) Di-n-butylphthalate	12.074	149	71445	12.761	ng	# 22
75) Fluoranthene	12.733	202	84175	14.579	ng	# 46
77) Benzidine	12.792	184	10060	4.110	ng	# 1
80) Butylbenzylphthalate	13.274	149	36843	13.387	ng	# 51
81) Benzo(a)anthracene	14.098	228	59947	6.872	ng	# 84
83) Chrysene	14.127	228	57085	7.030	ng	# 84
84) Bis(2-ethylhexyl)phtha...	14.062	149	149864	34.225	ng	# 89
85) Di-n-octyl phthalate	14.704	149	6455	8.497	ng	# 68

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142438.D
Acq On : 16 May 2025 20:38
Operator : RC/JU
Sample : Q2043-01 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
281

Quant Time: May 16 22:43:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Indeno(1,2,3-cd)pyrene	17.068	276	35059	3.217	ng	# 92
88) Benzo(b)fluoranthene	15.139	252	116499	12.277	ng	# 70
89) Benzo(k)fluoranthene	15.139	252	116499	13.415	ng	# 70
90) Benzo(a)pyrene	15.509	252	57164	6.722	ng	# 74
92) Benzo(g,h,i)perylene	17.521	276	34398	3.849	ng	92

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

Instrument :

BNA F

ClientSampleId :

281

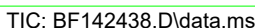
Quant Time: May 16 22:43:25 2025

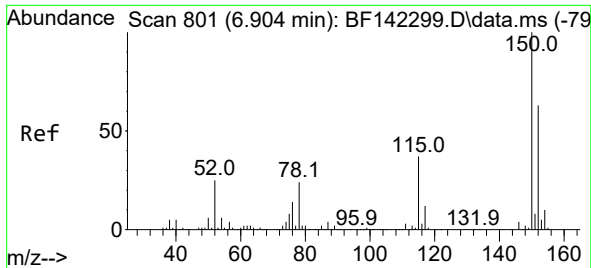
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon May 05 18:41:44 2025

Response via : Initial Calibration

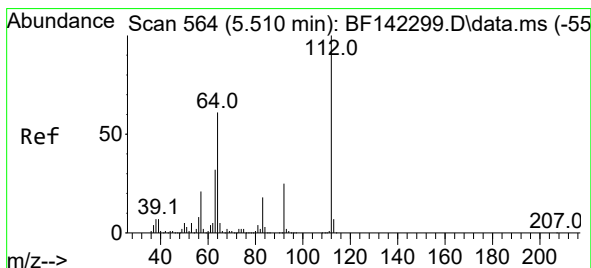
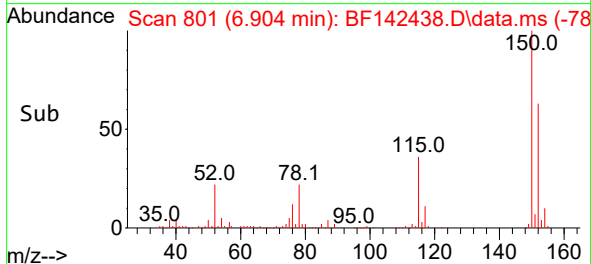
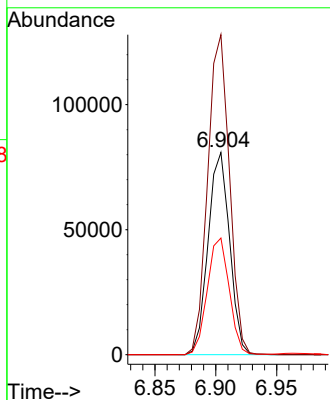
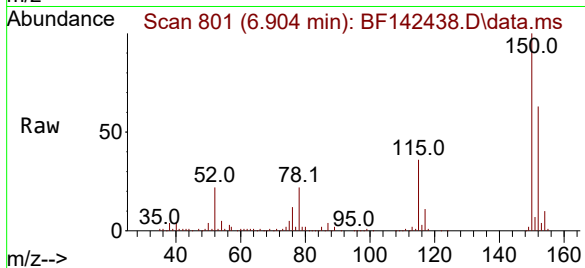




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

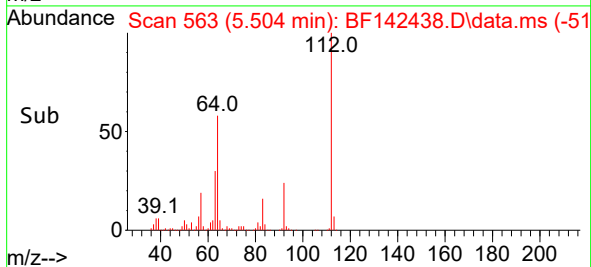
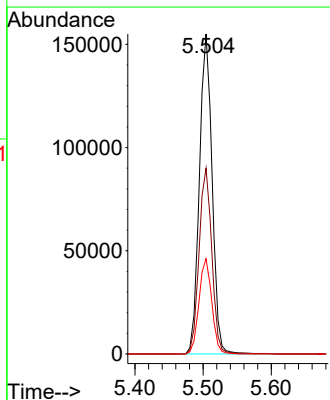
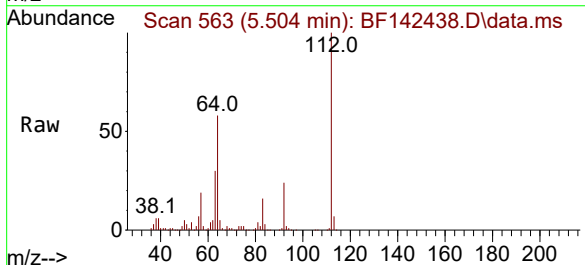
Instrument :
BNA_F
ClientSampleId :
281

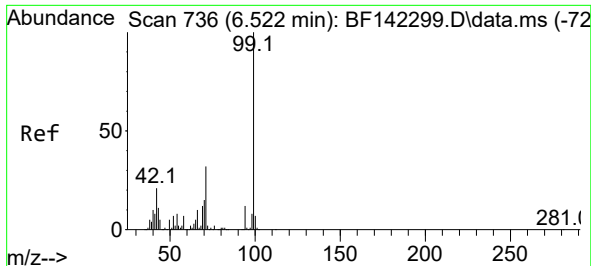
Tgt Ion:152 Resp: 99642
Ion Ratio Lower Upper
152 100
150 158.2 126.6 190.0
115 57.7 47.3 70.9



#5
2-Fluorophenol
Concen: 34.488 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:112 Resp: 201305
Ion Ratio Lower Upper
112 100
64 58.1 48.9 73.3
63 29.7 25.6 38.4





#7
Phenol-d6
Concen: 32.189 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

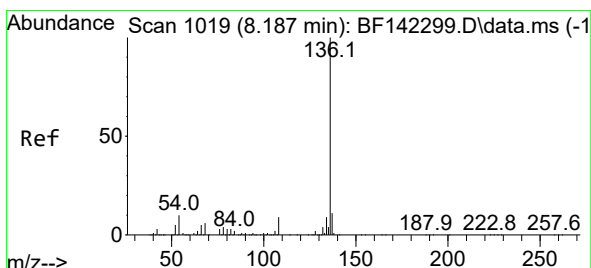
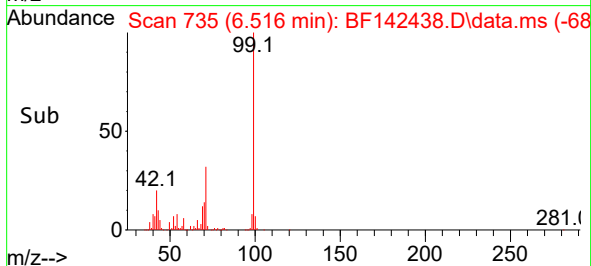
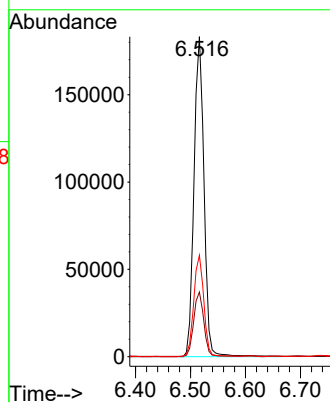
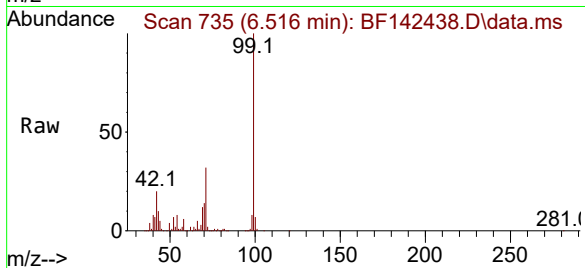
Instrument :

BNA_F

ClientSampleId :

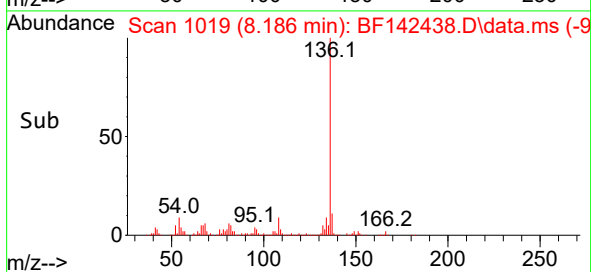
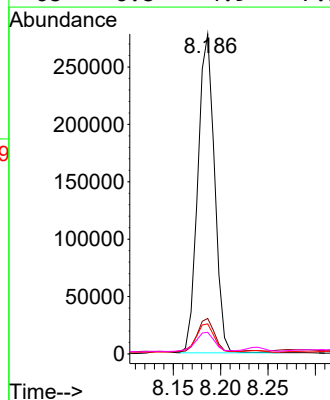
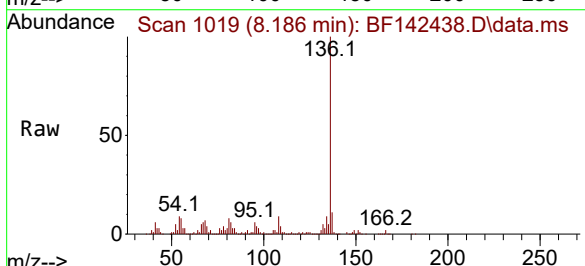
281

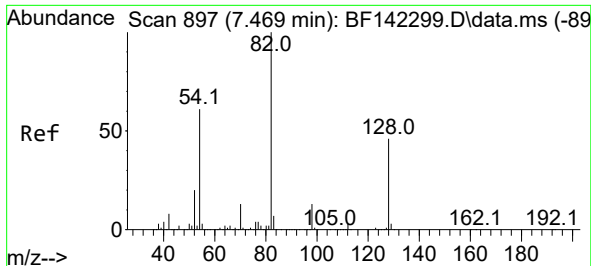
Tgt Ion: 99 Resp: 231090
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.4
71 31.7 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:136 Resp: 340109
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.4 7.7 11.5
68 6.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 23.965 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

Instrument :

BNA_F

ClientSampleId :

281

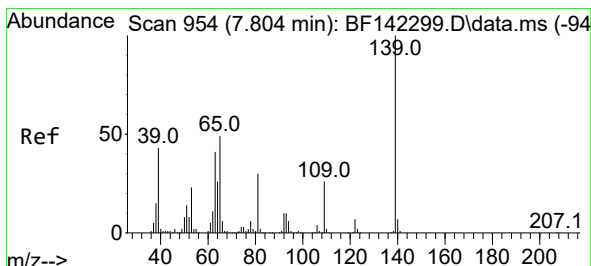
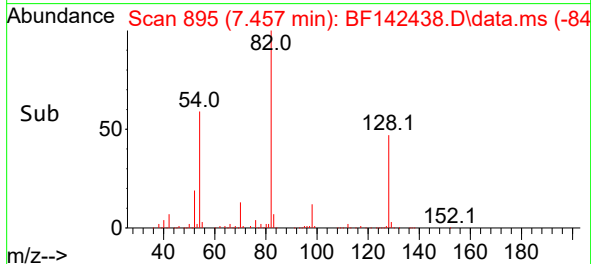
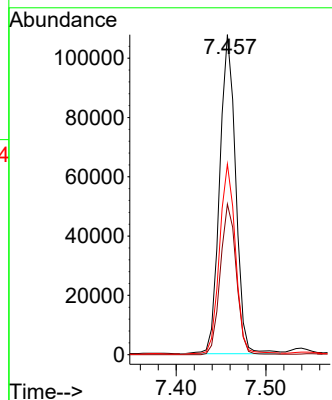
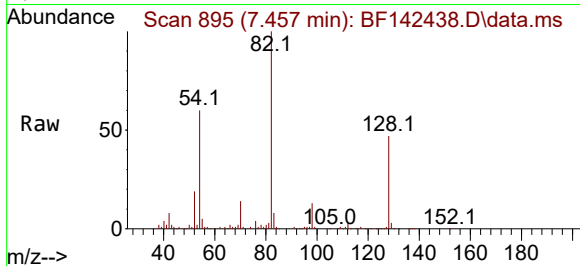
Tgt Ion: 82 Resp: 133648

Ion Ratio Lower Upper

82 100

128 47.1 37.0 55.6

54 59.6 48.6 73.0



#26

2-Nitrophenol

Concen: 4.323 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

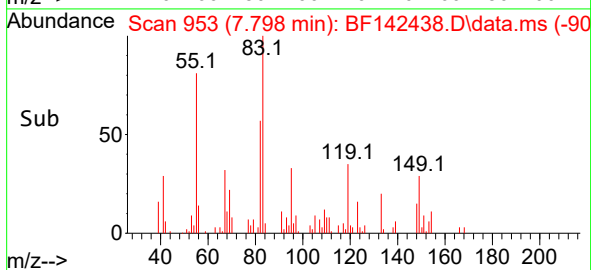
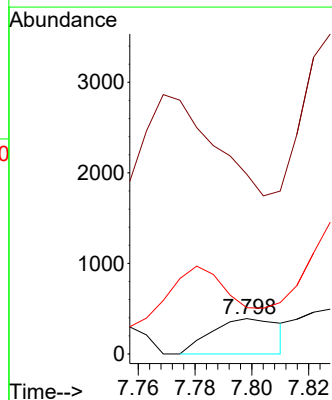
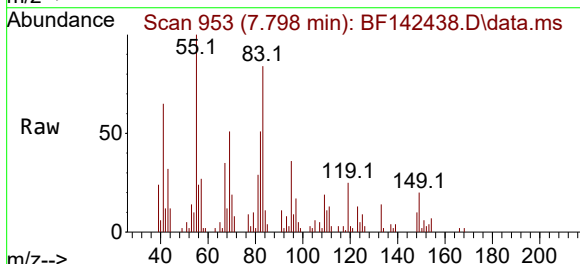
Tgt Ion:139 Resp: 653

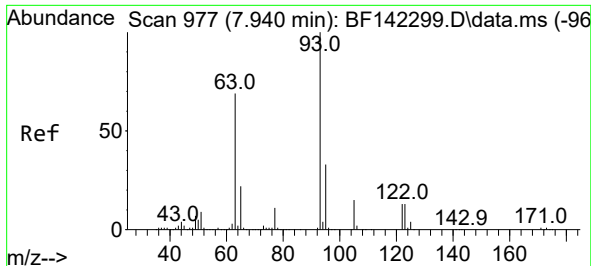
Ion Ratio Lower Upper

139 100

109 509.0 20.8 31.2#

65 130.8 38.9 58.3#

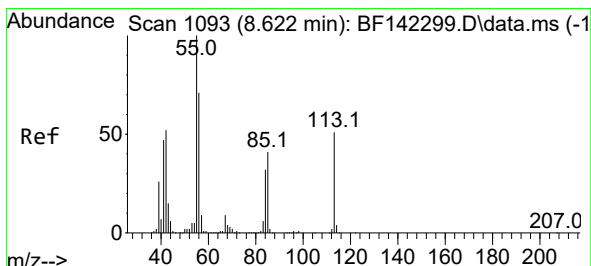
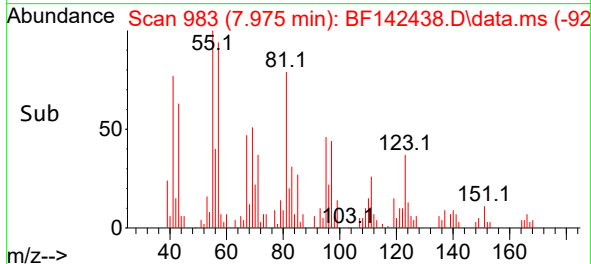
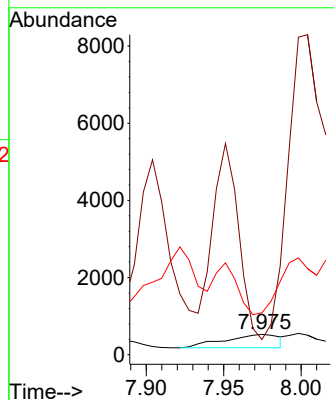
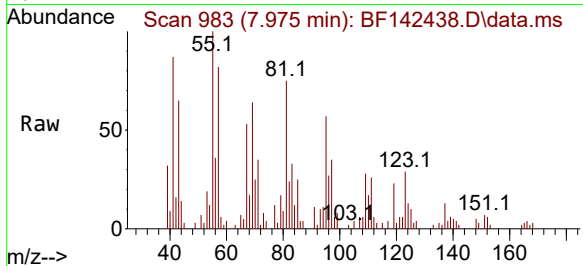




#32
Benzoic acid
Concen: 6.324 ng
RT: 7.975 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

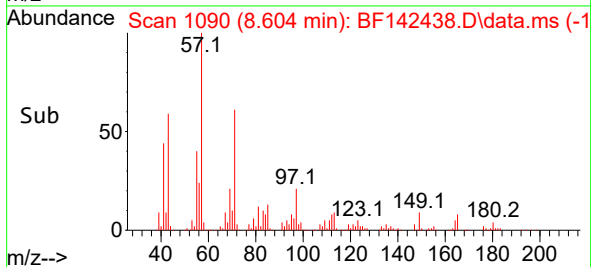
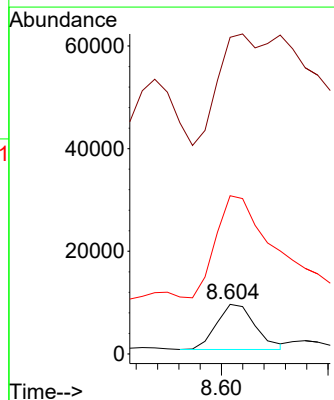
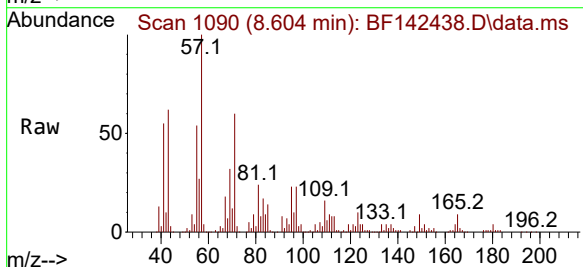
Instrument :
BNA_F
ClientSampleId :
281

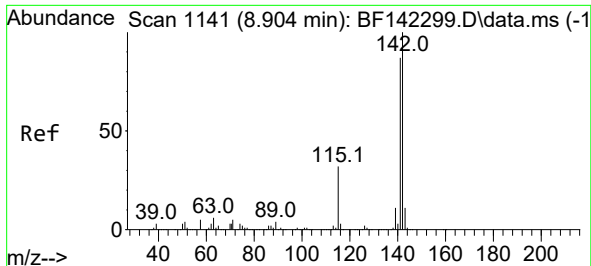
Tgt Ion:122 Resp: 859
Ion Ratio Lower Upper
122 100
105 74.6 97.9 137.9#
77 206.1 67.7 107.7#



#35
Caprolactam
Concen: 8.485 ng
RT: 8.604 min Scan# 1090
Delta R.T. -0.018 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:113 Resp: 11162
Ion Ratio Lower Upper
113 100
55 637.8 176.4 216.4#
56 318.8 120.3 160.3#

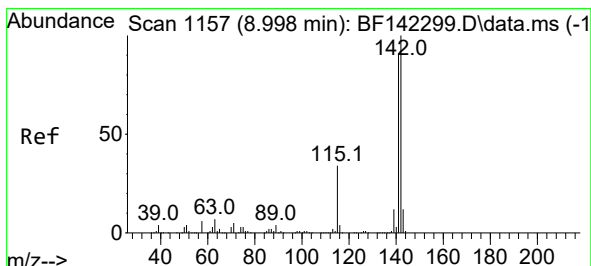
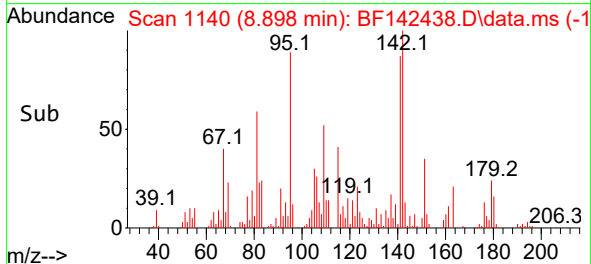
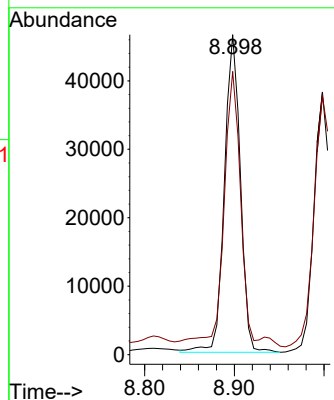
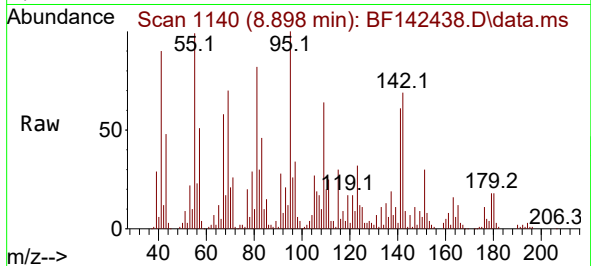




#37
2-Methylnaphthalene
Concen: 5.607 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

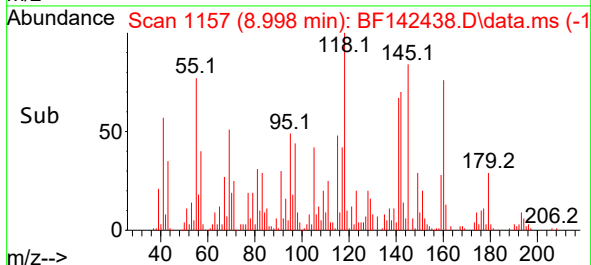
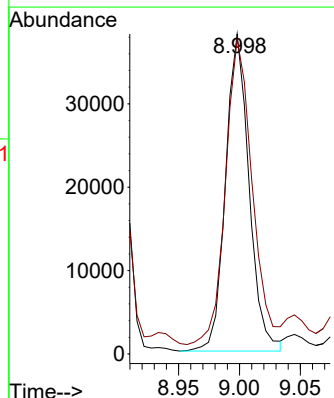
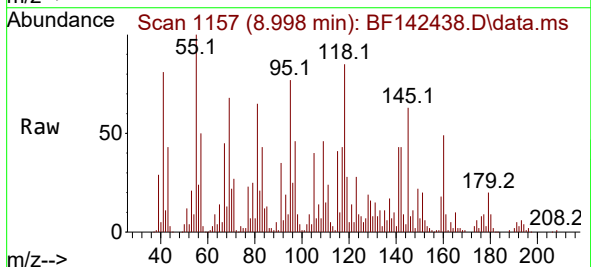
Instrument :
BNA_F
ClientSampleId :
281

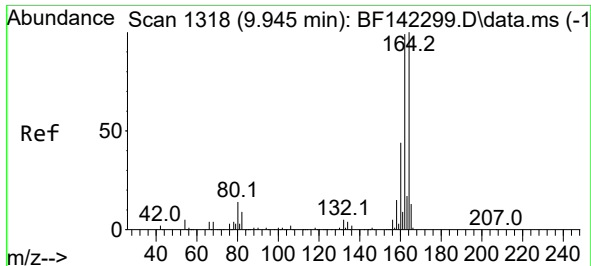
Tgt Ion:142 Resp: 57430
Ion Ratio Lower Upper
142 100
141 88.5 69.4 104.2



#38
1-Methylnaphthalene
Concen: 4.800 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:142 Resp: 51241
Ion Ratio Lower Upper
142 100
141 98.5 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

Instrument :

BNA_F

ClientSampleId :

281

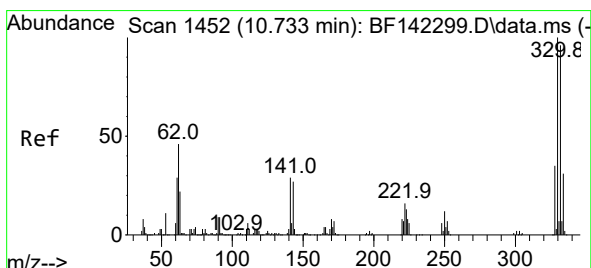
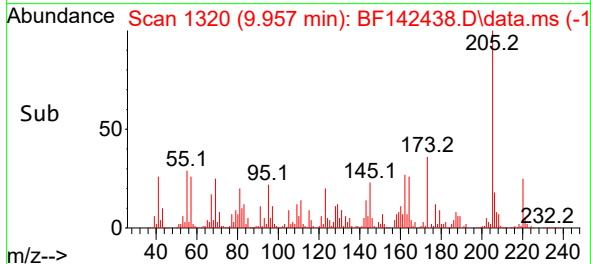
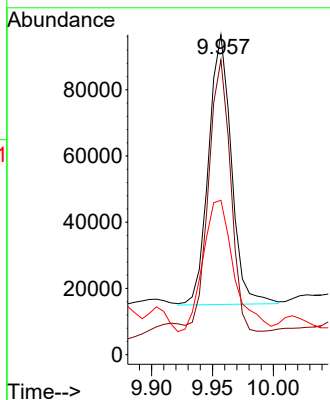
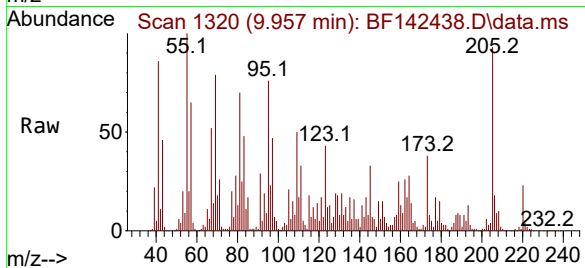
Tgt Ion:164 Resp: 106056

Ion Ratio Lower Upper

164 100

162 92.1 79.2 118.8

160 48.2 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 44.672 ng

RT: 10.763 min Scan# 1457

Delta R.T. 0.029 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

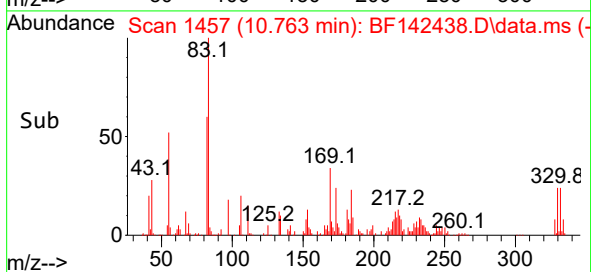
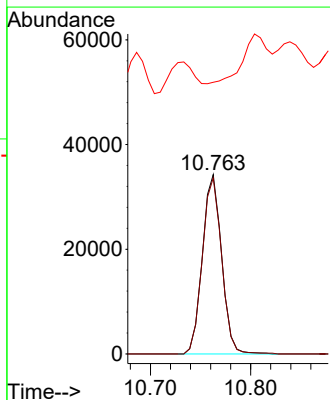
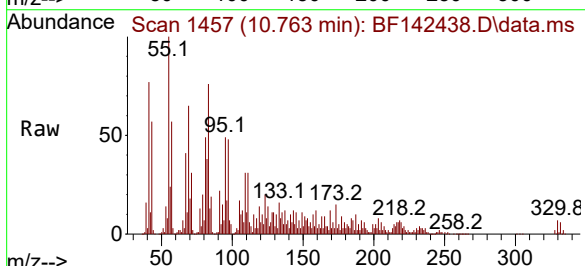
Tgt Ion:330 Resp: 45742

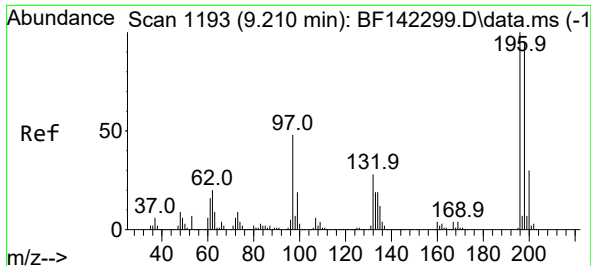
Ion Ratio Lower Upper

330 100

332 98.6 76.8 115.2

141 0.0 24.9 37.3#

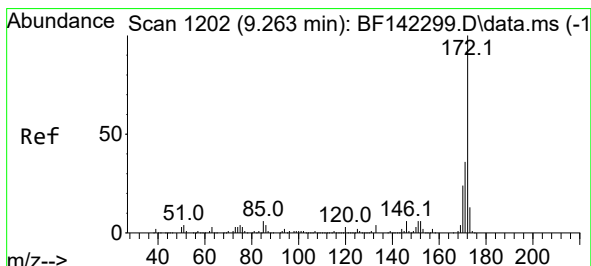
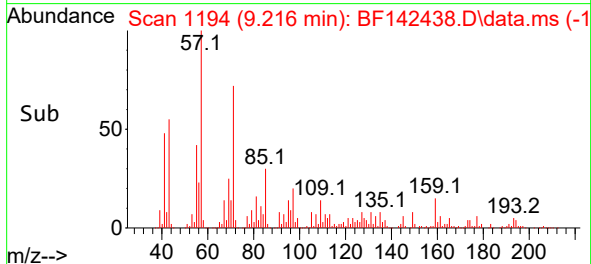
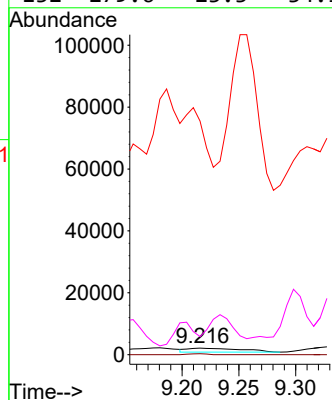
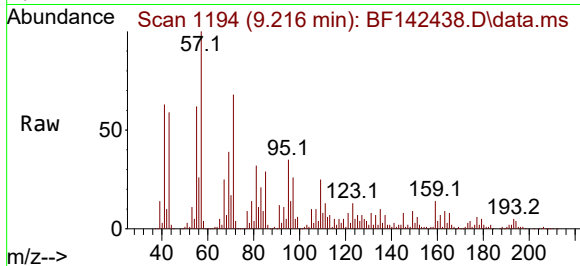




#44
2,4,5-Trichlorophenol
Concen: 2.125 ng
RT: 9.216 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

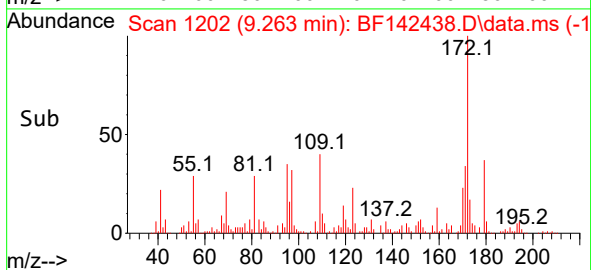
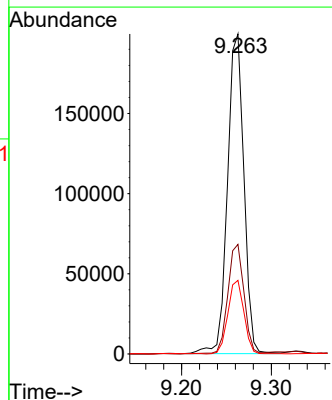
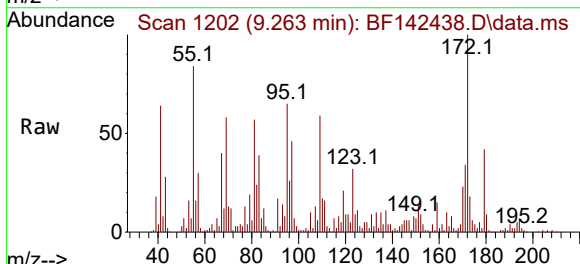
Instrument :
BNA_F
ClientSampleId :
281

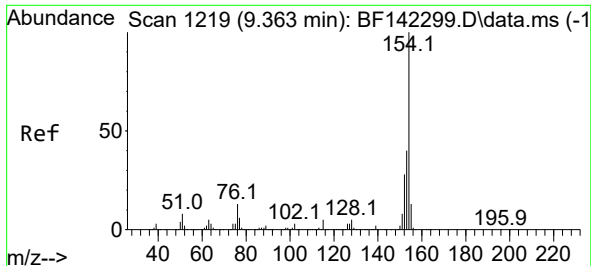
Tgt Ion:196 Resp: 4225
Ion Ratio Lower Upper
196 100
198 14.3 76.1 114.1#
97 3599.2 39.0 58.4#
132 279.6 23.3 34.9#



#45
2-Fluorobiphenyl
Concen: 33.982 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:172 Resp: 252759
Ion Ratio Lower Upper
172 100
171 34.3 28.6 42.8
170 23.0 19.0 28.4

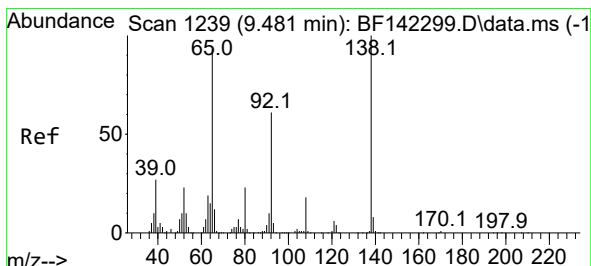
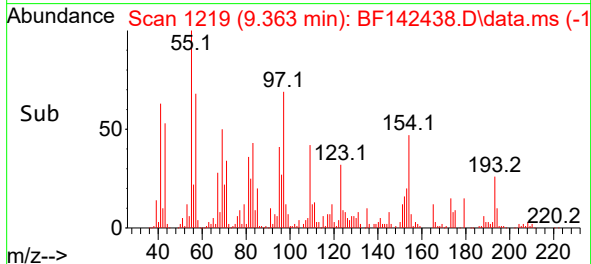
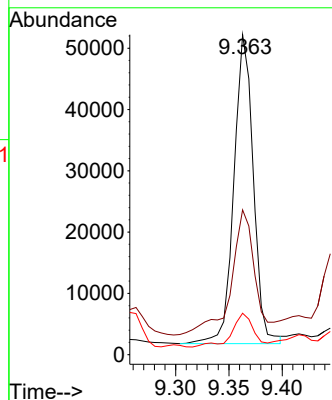
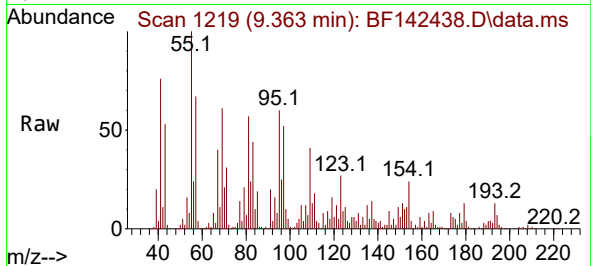




#46
1,1'-Biphenyl
Concen: 7.892 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

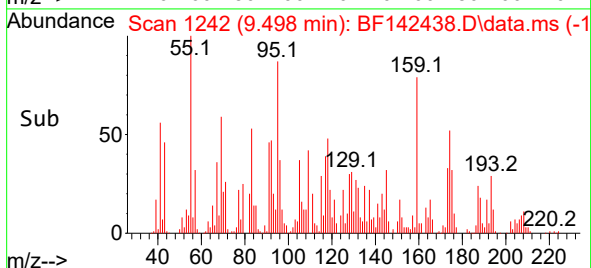
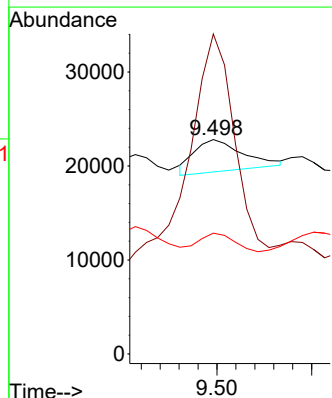
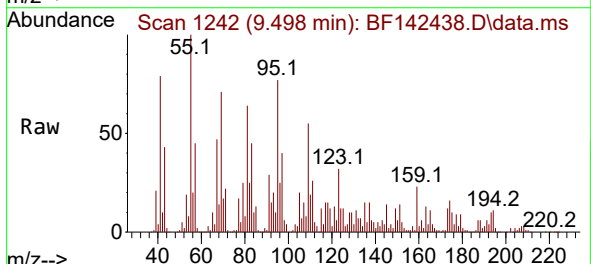
Instrument :
BNA_F
ClientSampleId :
281

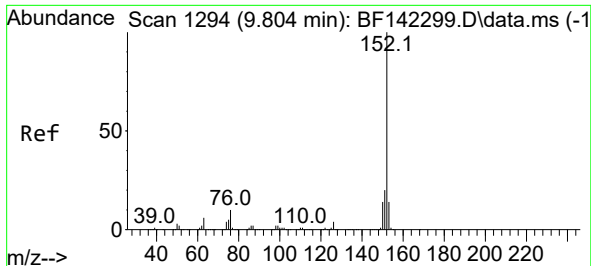
Tgt Ion:154 Resp: 64173
Ion Ratio Lower Upper
154 100
153 45.2 20.5 60.5
76 12.9 0.0 32.8



#48
2-Nitroaniline
Concen: 3.984 ng
RT: 9.498 min Scan# 1242
Delta R.T. 0.017 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion: 65 Resp: 6176
Ion Ratio Lower Upper
65 100
92 149.2 52.3 78.5#
138 56.4 85.6 128.4#

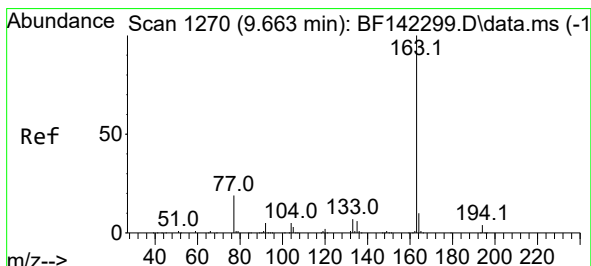
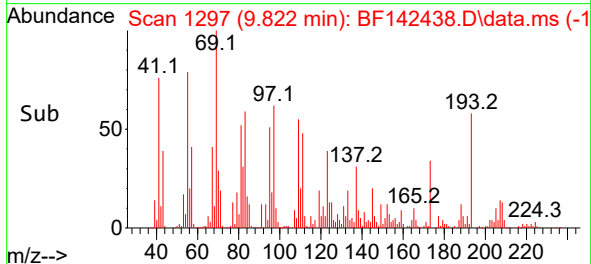
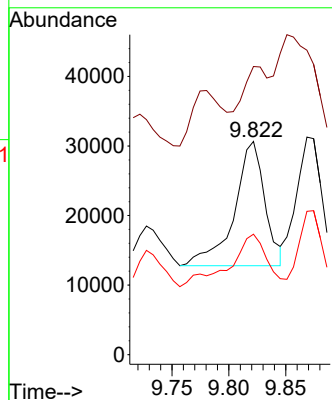
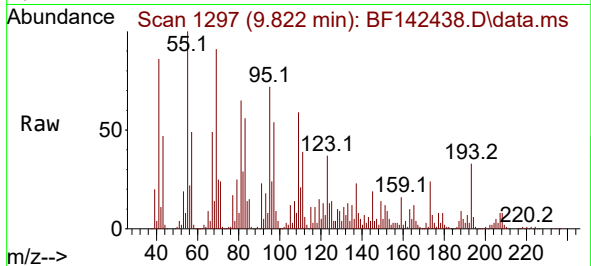




#49
Acenaphthylene
Concen: 3.311 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

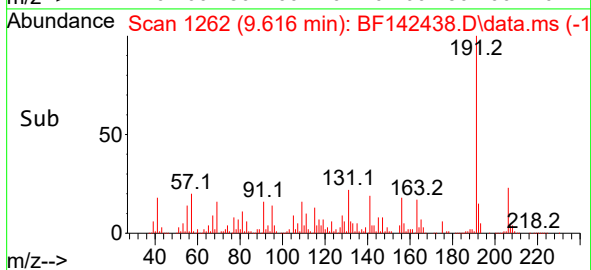
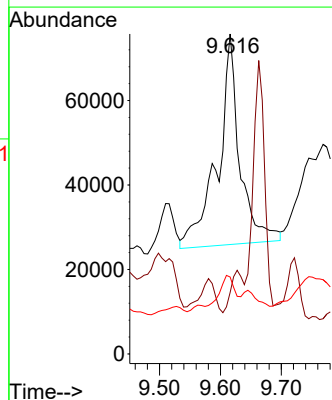
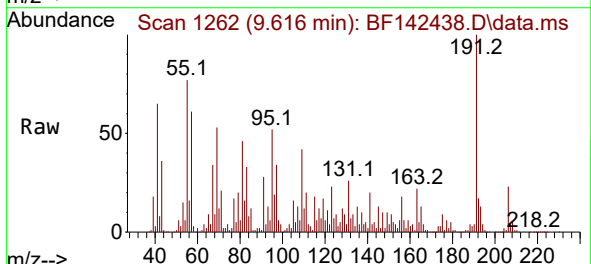
Instrument :
BNA_F
ClientSampleId :
281

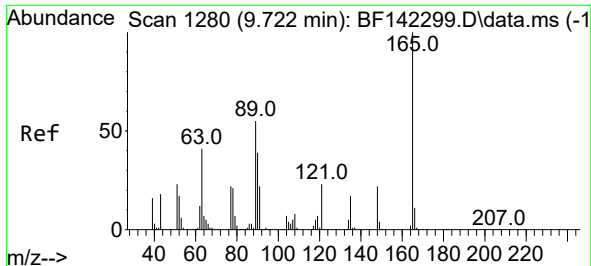
Tgt Ion:152 Resp: 33499
Ion Ratio Lower Upper
152 100
151 135.2 16.0 24.0#
153 56.5 10.8 16.2#



#50
Dimethylphthalate
Concen: 18.342 ng
RT: 9.616 min Scan# 1262
Delta R.T. -0.047 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:163 Resp: 124910
Ion Ratio Lower Upper
163 100
194 19.2 3.2 4.8#
164 24.1 8.3 12.5#

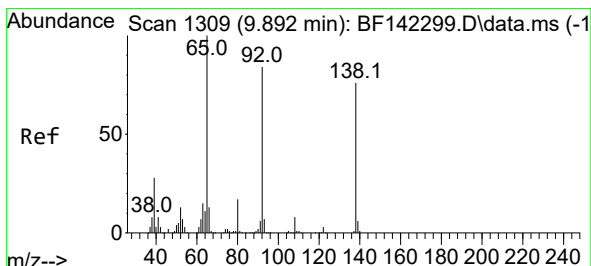
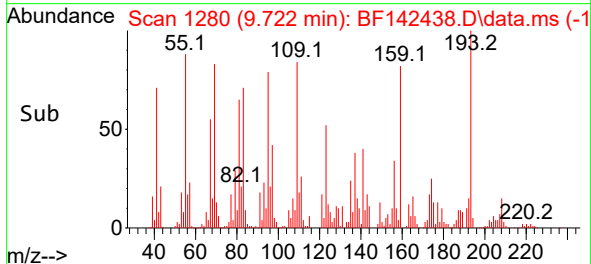
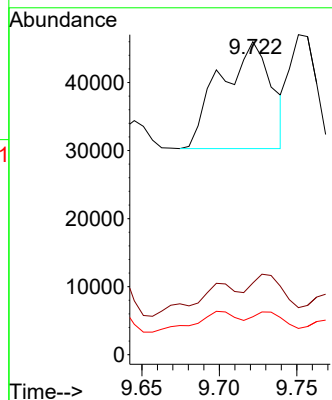
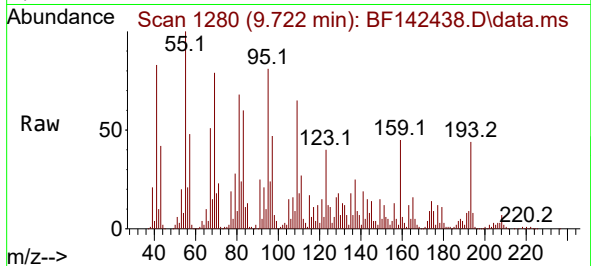




#51
2,6-Dinitrotoluene
Concen: 28.345 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

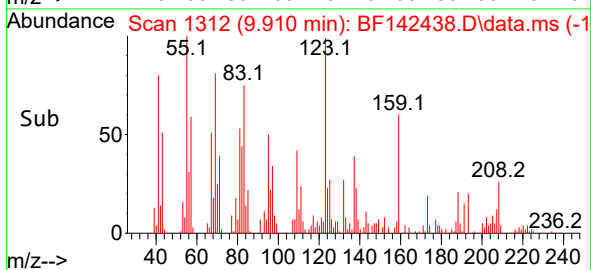
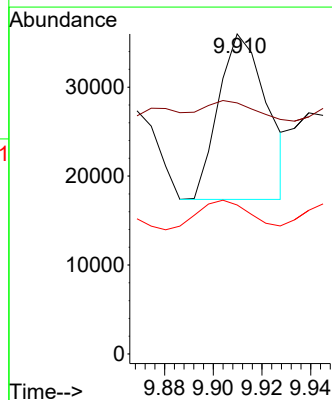
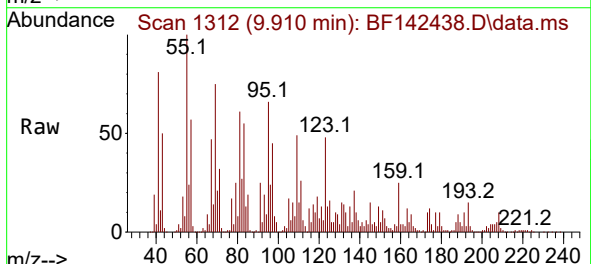
Instrument :
BNA_F
ClientSampleId :
281

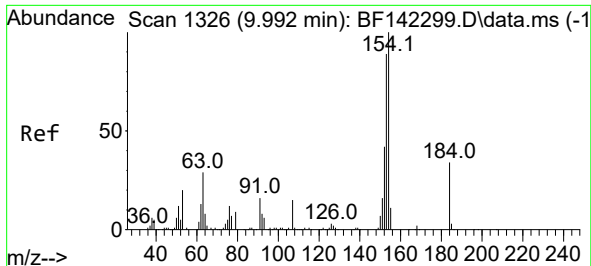
Tgt Ion:165 Resp: 36132
Ion Ratio Lower Upper
165 100
63 22.9 49.5 74.3#
89 12.1 44.6 66.8#



#53
3-Nitroaniline
Concen: 17.146 ng
RT: 9.910 min Scan# 1312
Delta R.T. 0.017 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:138 Resp: 25634
Ion Ratio Lower Upper
138 100
108 78.5 8.7 13.1#
92 46.5 89.5 134.3#

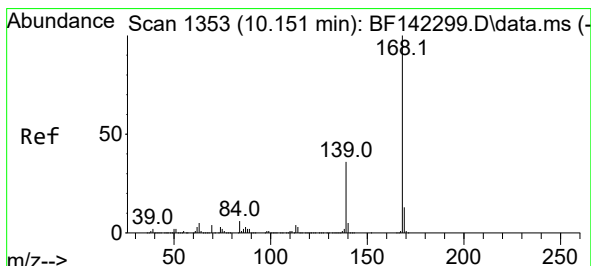
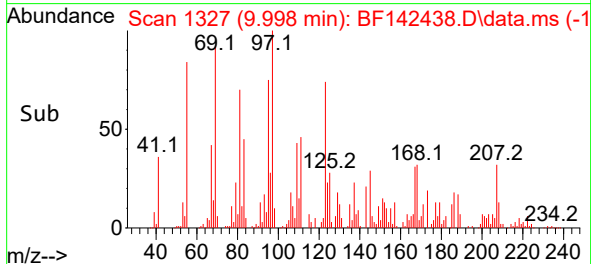
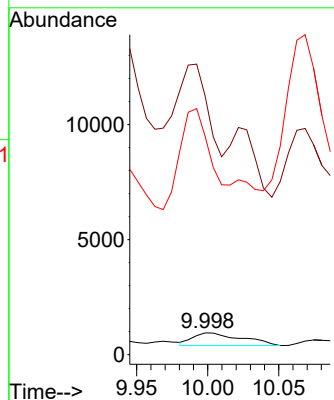
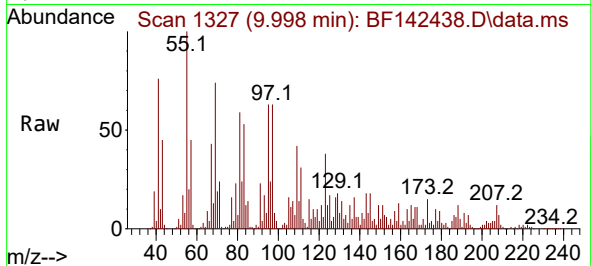




#54
2,4-Dinitrophenol
Concen: 9.441 ng
RT: 9.998 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

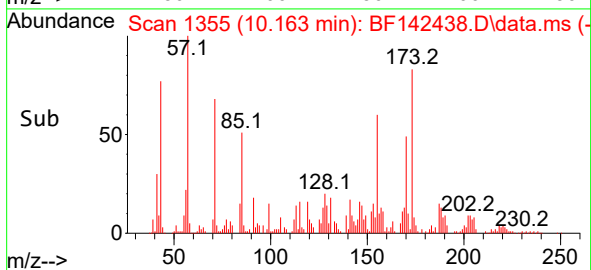
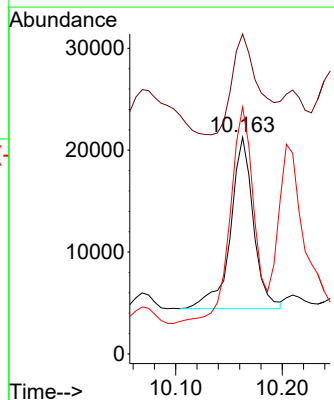
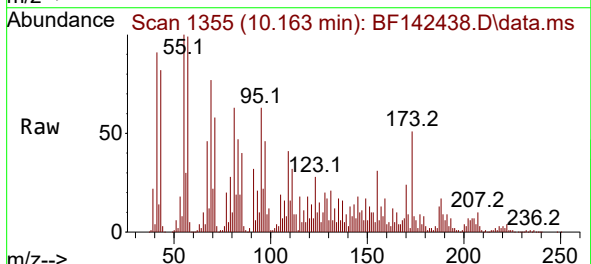
Instrument :
BNA_F
ClientSampleId :
281

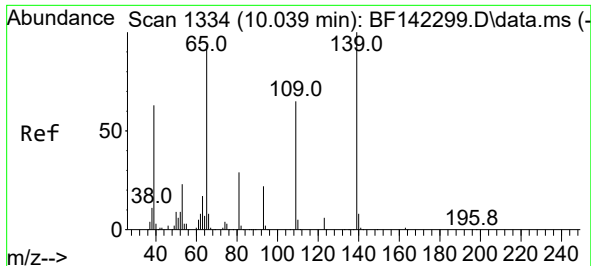
Tgt Ion:184 Resp: 1312
Ion Ratio Lower Upper
184 100
63 1187.2 70.6 105.8#
154 1001.7 257.2 385.8#



#55
Dibenzofuran
Concen: 2.804 ng
RT: 10.163 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:168 Resp: 25169
Ion Ratio Lower Upper
168 100
139 147.6 29.0 43.4#
169 113.9 10.7 16.1#

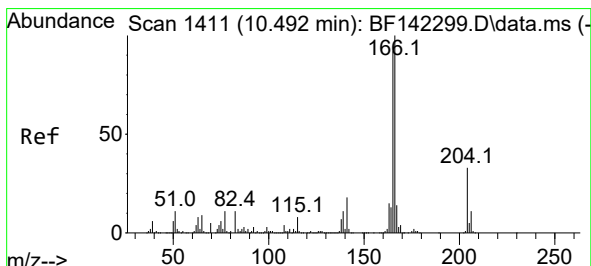
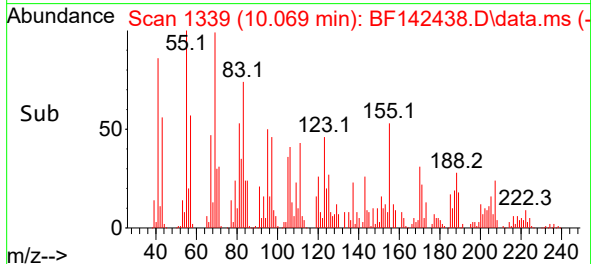
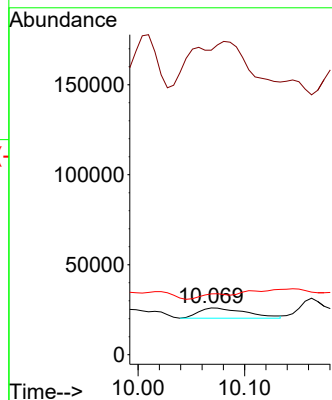
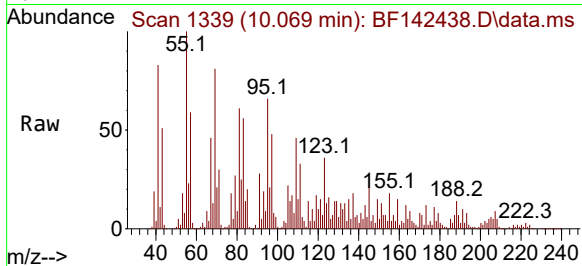




#56
4-Nitrophenol
Concen: 15.711 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

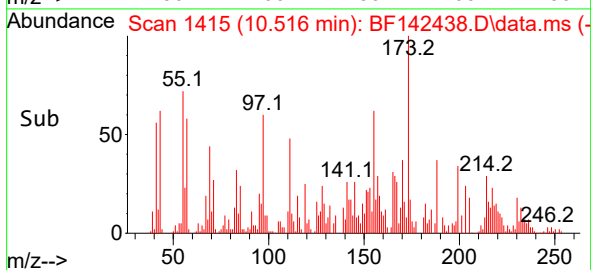
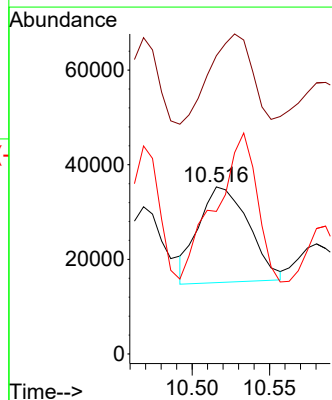
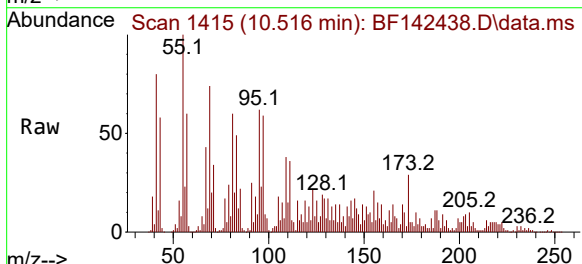
Instrument :
BNA_F
ClientSampleId :
281

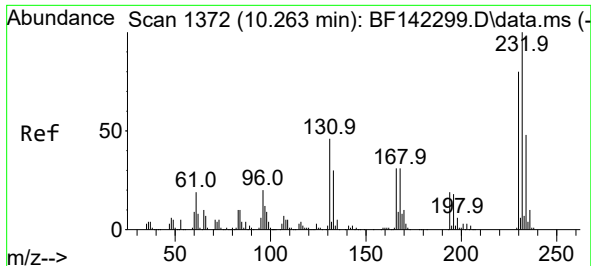
Tgt Ion:139 Resp: 17678
Ion Ratio Lower Upper
139 100
109 652.2 45.3 85.3#
65 130.2 73.9 113.9#



#58
Fluorene
Concen: 6.628 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.023 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:166 Resp: 45408
Ion Ratio Lower Upper
166 100
165 178.5 74.0 111.0#
167 85.3 10.9 16.3#

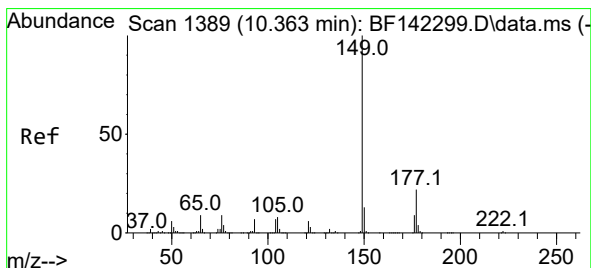
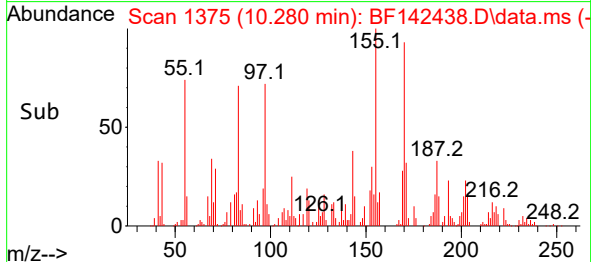
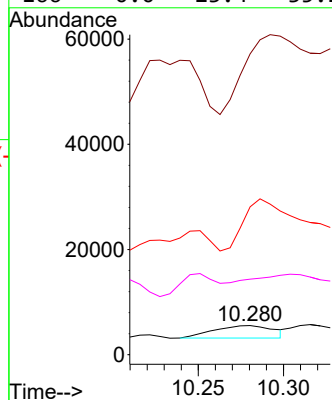
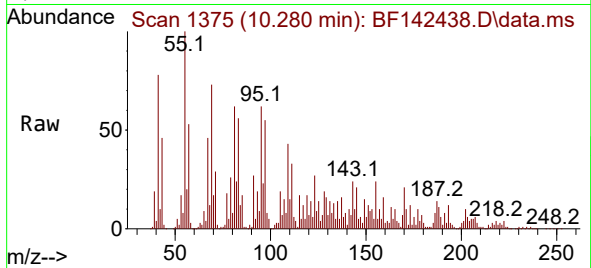




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.504 ng
RT: 10.280 min Scan# 1375
Delta R.T. 0.017 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

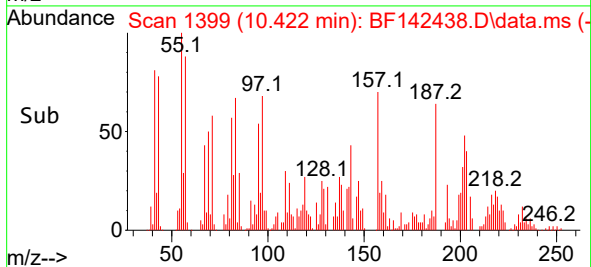
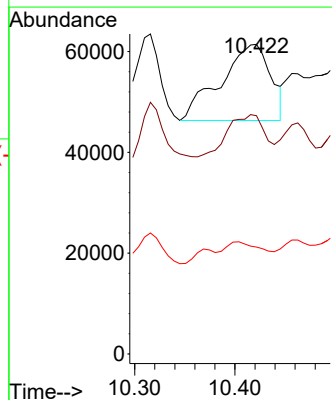
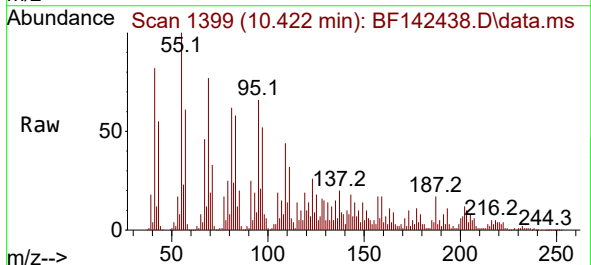
Instrument :
BNA_F
ClientSampleId :
281

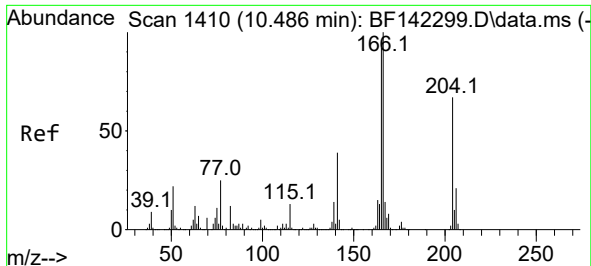
Tgt Ion:232 Resp: 5750
Ion Ratio Lower Upper
232 100
131 708.9 36.0 54.0#
130 455.7 1.8 2.6#
166 0.0 23.4 35.2#



#60
Diethylphthalate
Concen: 7.728 ng
RT: 10.422 min Scan# 1399
Delta R.T. 0.059 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:149 Resp: 52560
Ion Ratio Lower Upper
149 100
177 77.0 17.6 26.4#
150 34.5 10.1 15.1#

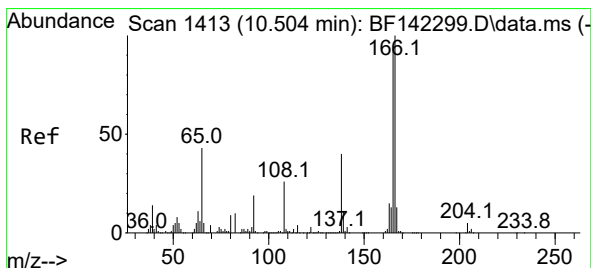
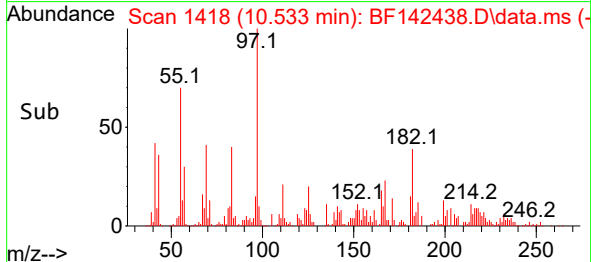
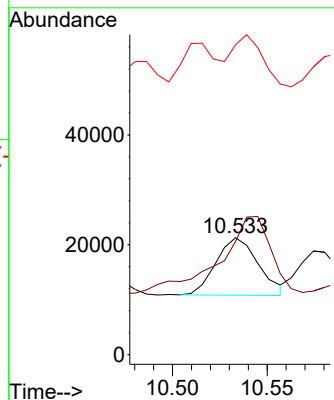
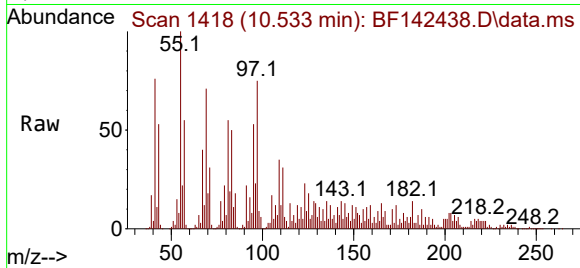




#61
4-Chlorophenyl-phenylether
Concen: 4.901 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.047 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

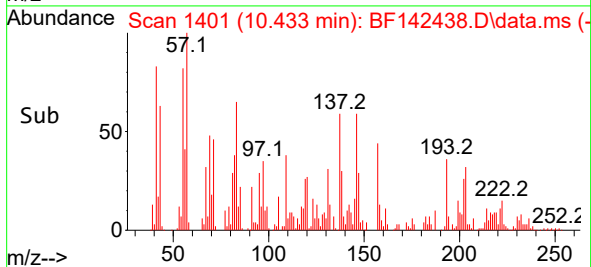
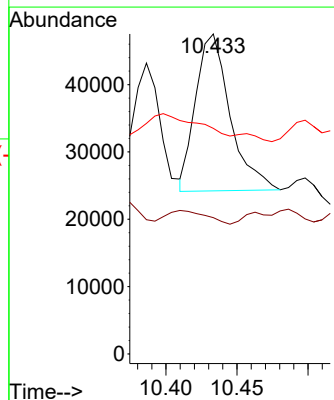
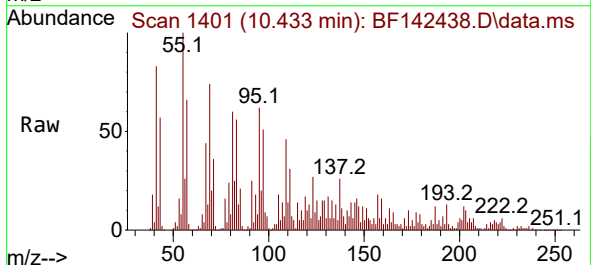
Instrument :
BNA_F
ClientSampleId :
281

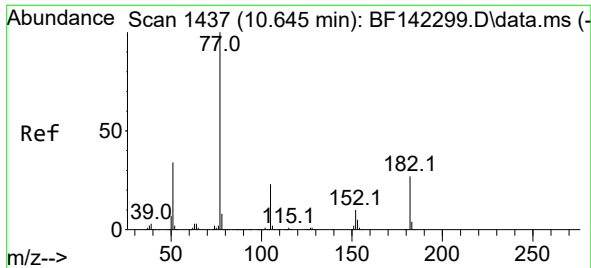
Tgt Ion:204 Resp: 16199
Ion Ratio Lower Upper
204 100
206 96.8 25.5 38.3#
141 265.0 46.4 69.6#



#62
4-Nitroaniline
Concen: 33.257 ng
RT: 10.433 min Scan# 1401
Delta R.T. -0.071 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:138 Resp: 39407
Ion Ratio Lower Upper
138 100
92 42.6 27.3 67.3
108 70.5 45.1 85.1

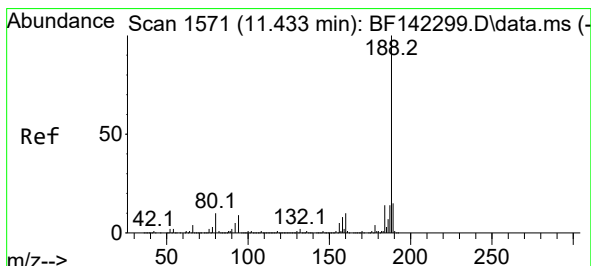
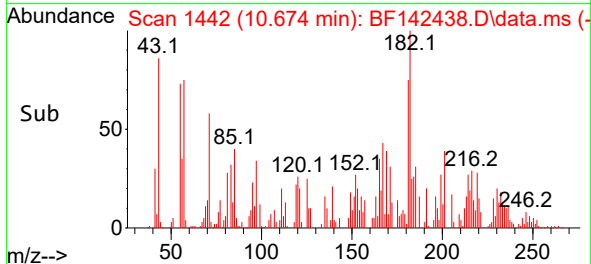
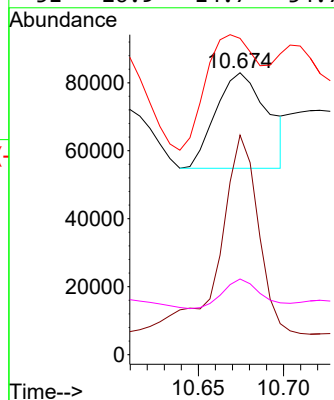
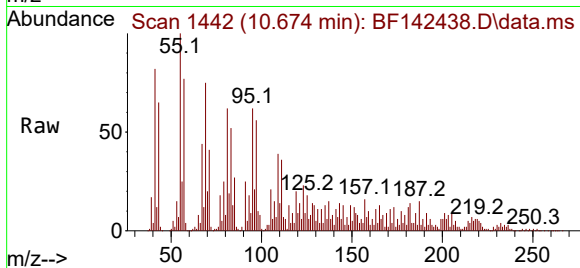




#63
Azobenzene
Concen: 9.114 ng
RT: 10.674 min Scan# 1437
Delta R.T. 0.029 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

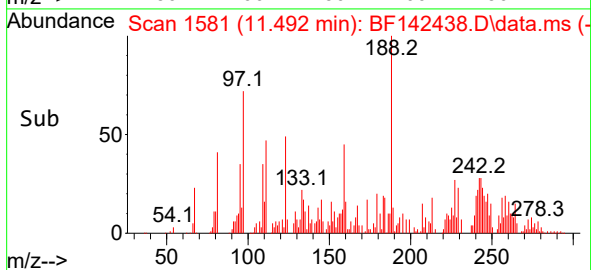
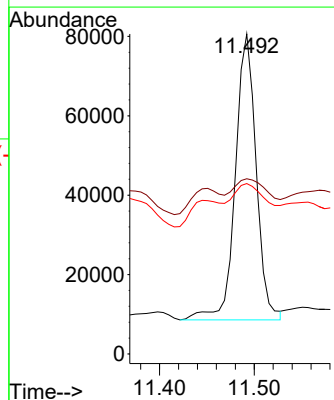
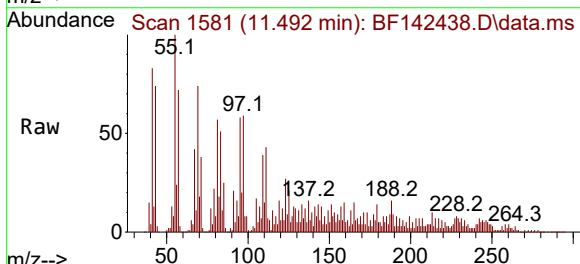
Instrument :
BNA_F
ClientSampleId :
281

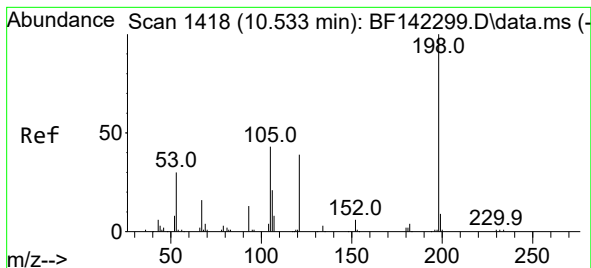
Tgt Ion: 77	Resp: 59228
Ion Ratio	Lower Upper
77	100
182	77.9 6.9 46.9#
105	112.2 2.7 42.7#
51	26.9 14.7 54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.059 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion: 188	Resp: 110189
Ion Ratio	Lower Upper
188	100
94	54.8 7.5 11.3#
80	53.3 7.9 11.9#

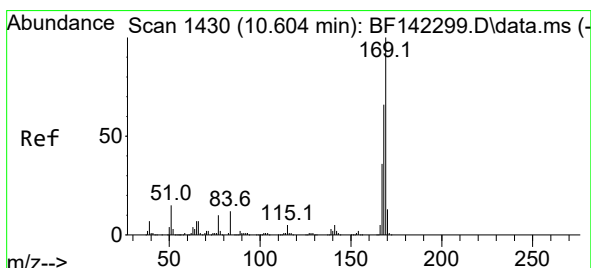
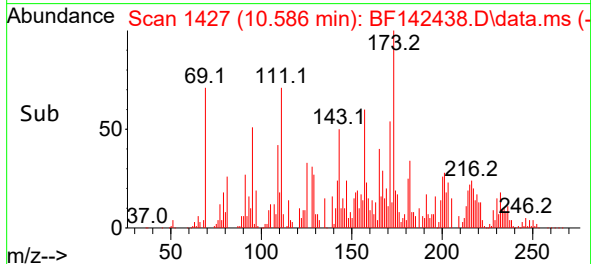
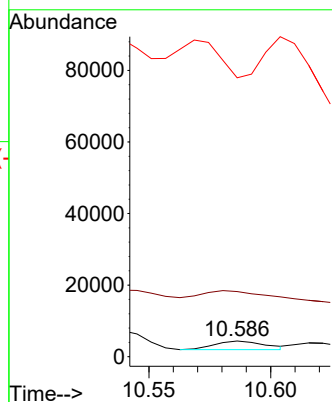
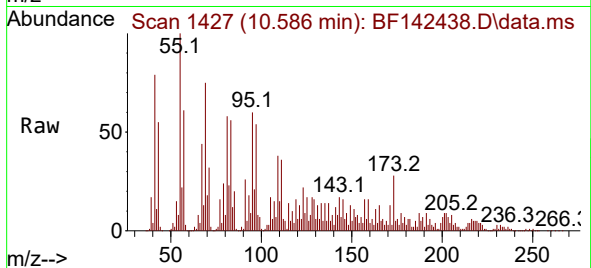




#65
4,6-Dinitro-2-methylphenol
Concen: 12.941 ng
RT: 10.586 min Scan# 1418
Delta R.T. 0.053 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

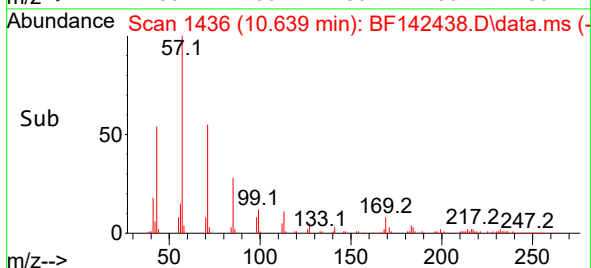
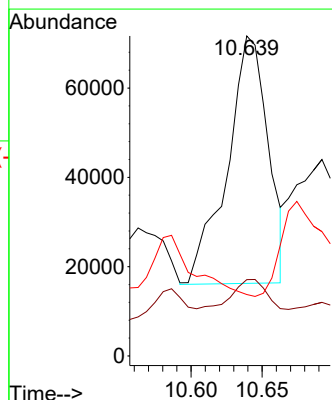
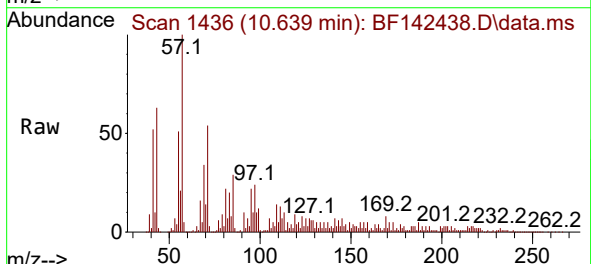
Instrument :
BNA_F
ClientSampleId :
281

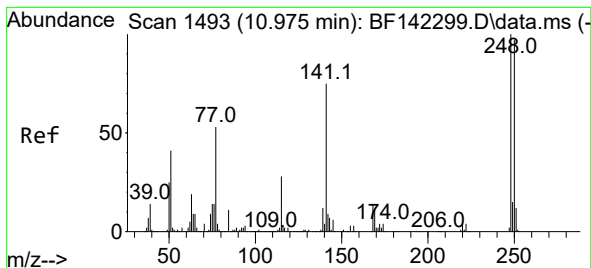
Tgt Ion:198 Resp: 3477
Ion Ratio Lower Upper
198 100
51 416.2 32.9 72.9#
105 1783.2 23.7 63.7#



#66
n-Nitrosodiphenylamine
Concen: 30.390 ng
RT: 10.639 min Scan# 1436
Delta R.T. 0.035 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:169 Resp: 111429
Ion Ratio Lower Upper
169 100
168 23.9 53.2 79.8#
167 19.2 28.9 43.3#

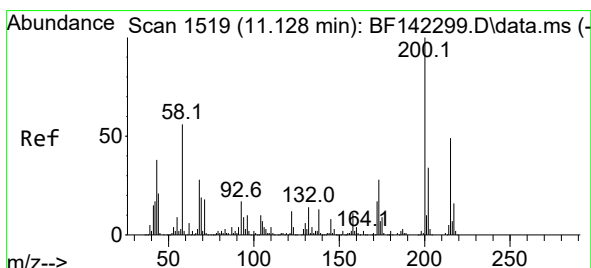
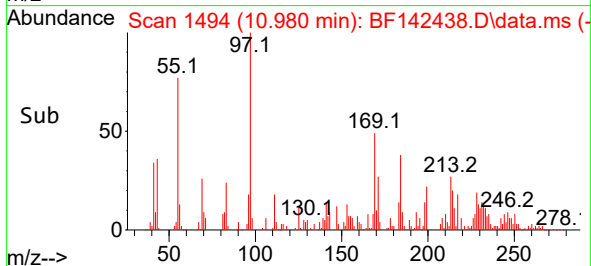
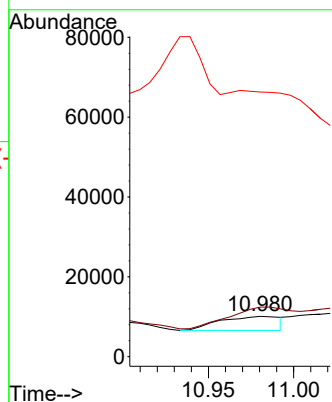
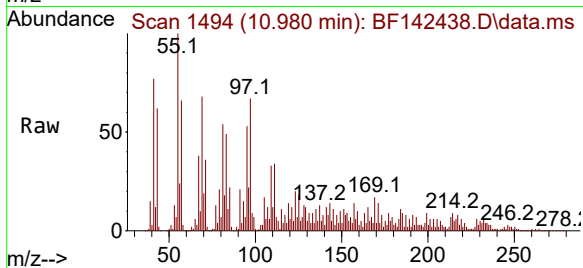




#67
4-Bromophenyl-phenylether
Concen: 6.965 ng
RT: 10.980 min Scan# 1493
Delta R.T. 0.006 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

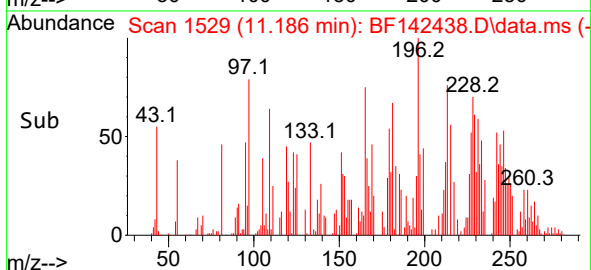
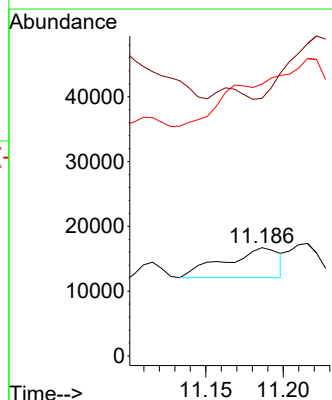
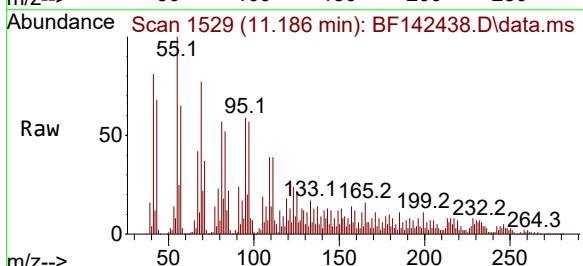
Instrument :
BNA_F
ClientSampleId :
281

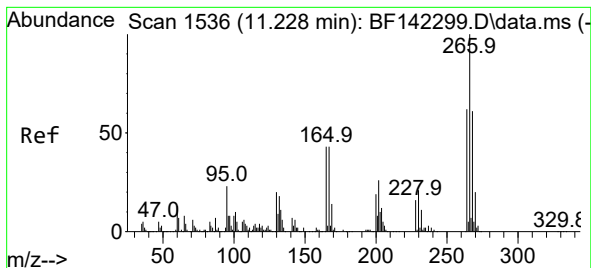
Tgt Ion:248 Resp: 8698
Ion Ratio Lower Upper
248 100
250 122.9 77.9 116.9#
141 655.4 59.8 89.8#



#69
Atrazine
Concen: 11.702 ng
RT: 11.186 min Scan# 1529
Delta R.T. 0.059 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:200 Resp: 11310
Ion Ratio Lower Upper
200 100
173 237.8 8.1 48.1#
215 250.8 28.8 68.8#





#70

Pentachlorophenol

Concen: 13.596 ng

RT: 11.286 min Scan# 1

Delta R.T. 0.059 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

Instrument :

BNA_F

ClientSampleId :

281

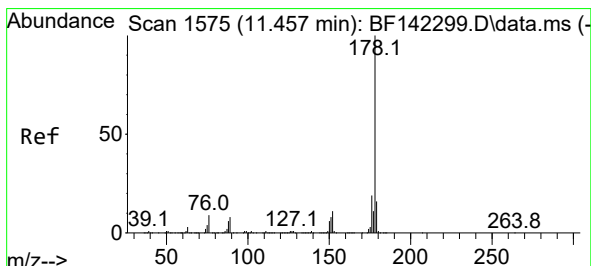
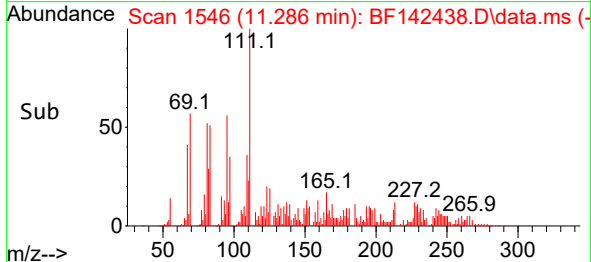
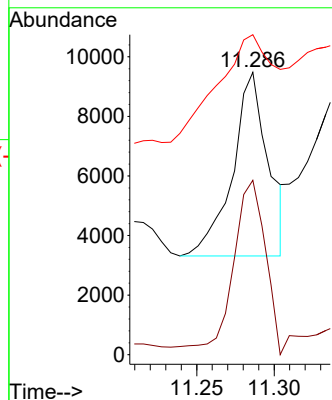
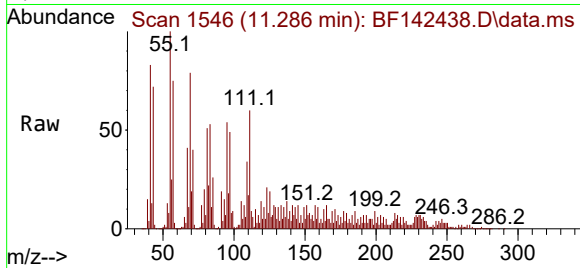
Tgt Ion:266 Resp: 9825

Ion Ratio Lower Upper

266 100

268 61.7 48.7 73.1

264 113.3 49.8 74.6#



#71

Phenanthrene

Concen: 18.405 ng

RT: 11.516 min Scan# 1585

Delta R.T. 0.059 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

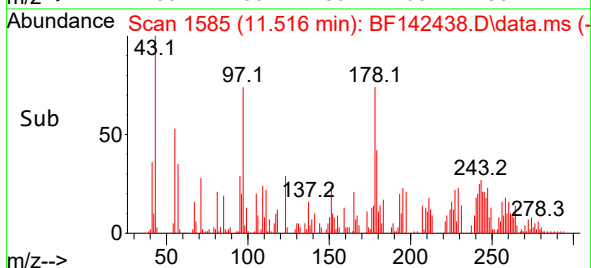
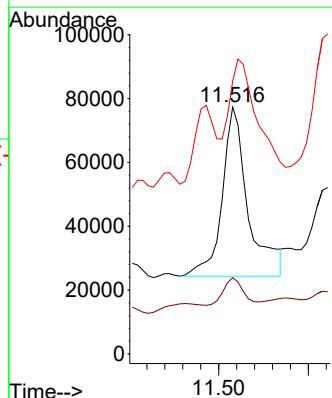
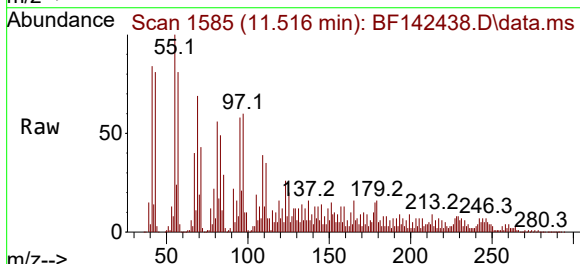
Tgt Ion:178 Resp: 106306

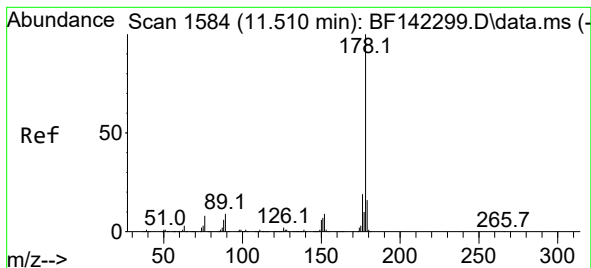
Ion Ratio Lower Upper

178 100

176 30.9 15.5 23.3#

179 110.5 12.6 18.8#





#72

Anthracene

Concen: 9.734 ng

RT: 11.621 min Scan# 1

Delta R.T. 0.112 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

Instrument :

BNA_F

ClientSampleId :

281

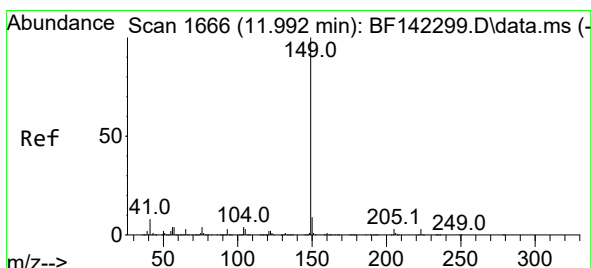
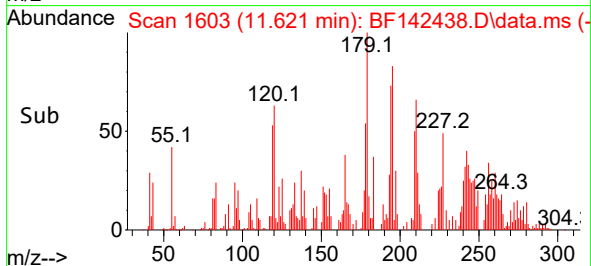
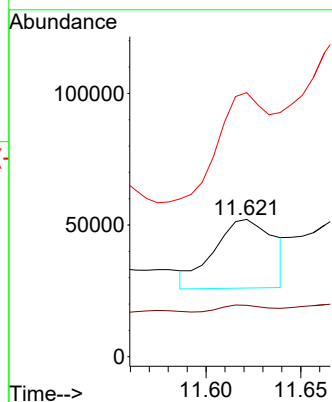
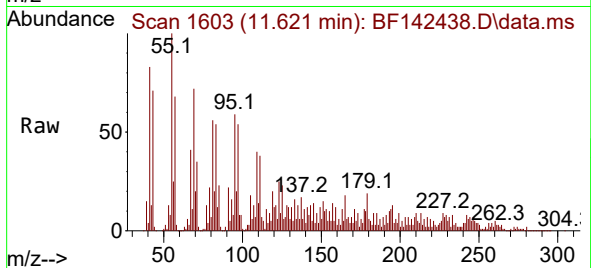
Tgt Ion:178 Resp: 57769

Ion Ratio Lower Upper

178 100

176 37.4 15.3 22.9#

179 192.3 12.6 18.8#



#74

Di-n-butylphthalate

Concen: 12.761 ng

RT: 12.074 min Scan# 1680

Delta R.T. 0.082 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

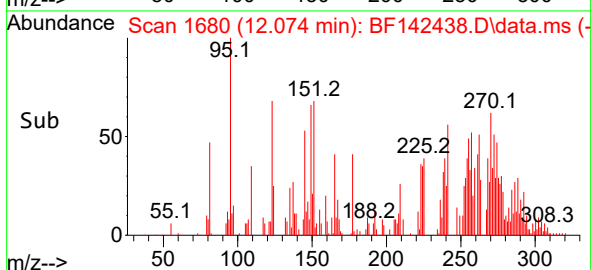
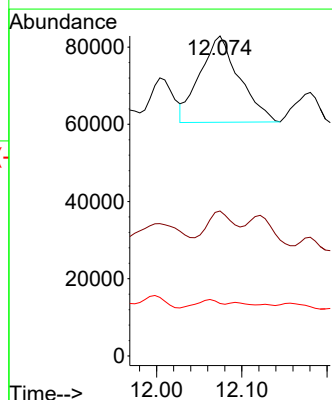
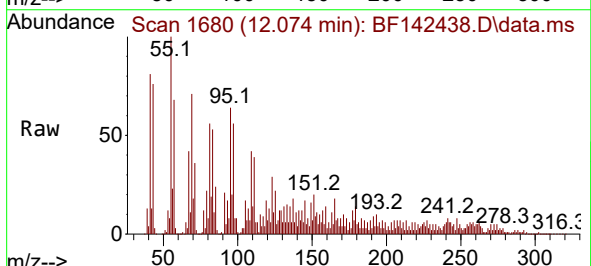
Tgt Ion:149 Resp: 71445

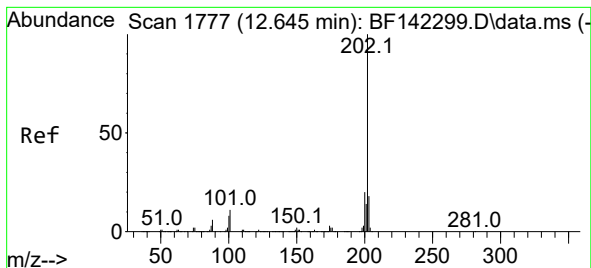
Ion Ratio Lower Upper

149 100

150 45.3 7.5 11.3#

104 16.4 3.6 5.4#





#75

Fluoranthene

Concen: 14.579 ng

RT: 12.733 min Scan# 1

Delta R.T. 0.088 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

Instrument :

BNA_F

ClientSampleId :

281

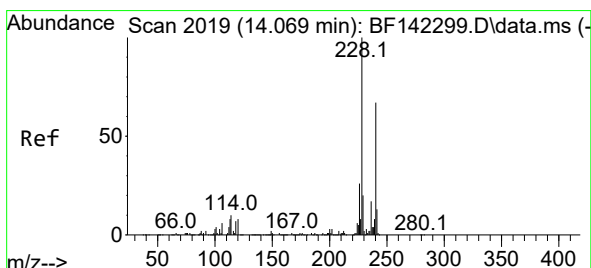
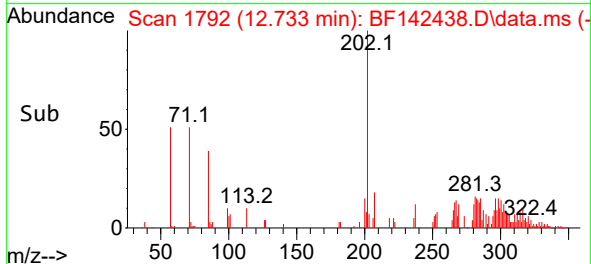
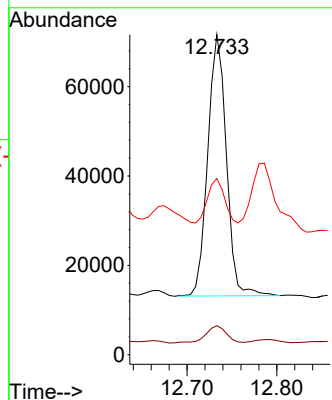
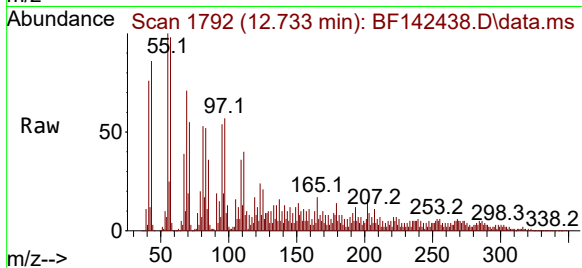
Tgt Ion:202 Resp: 84175

Ion Ratio Lower Upper

202 100

101 9.1 0.0 31.4

203 55.0 0.0 37.9#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2025

Delta R.T. 0.035 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

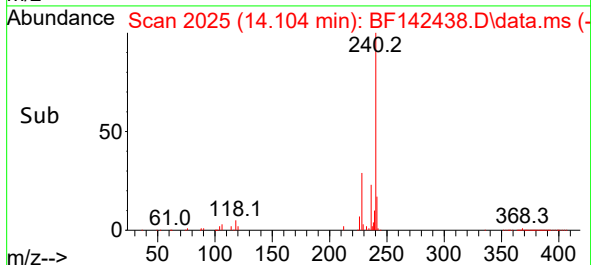
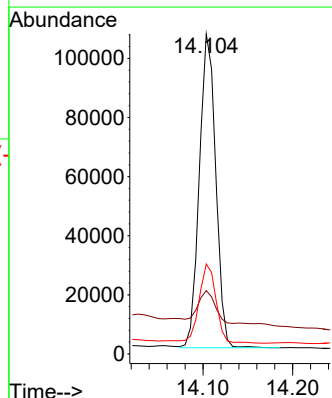
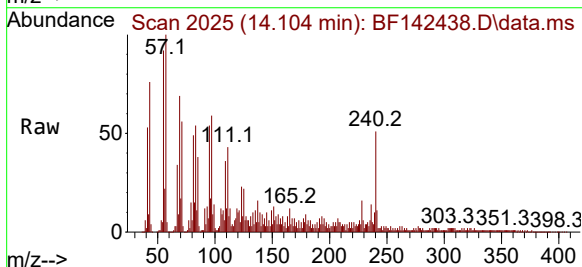
Tgt Ion:240 Resp: 134693

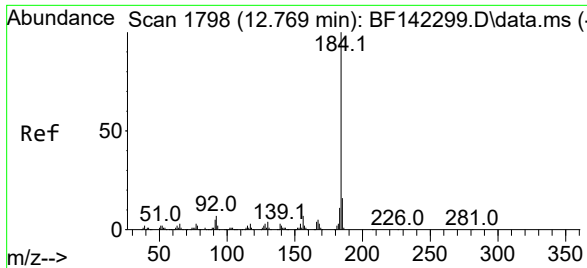
Ion Ratio Lower Upper

240 100

120 19.8 9.7 14.5#

236 28.1 20.0 30.0

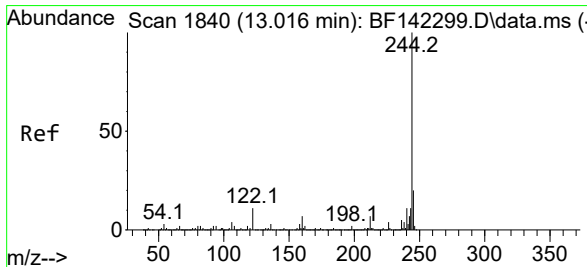
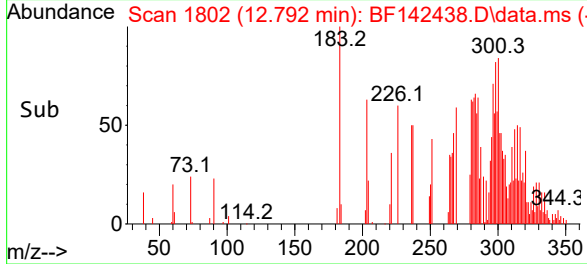
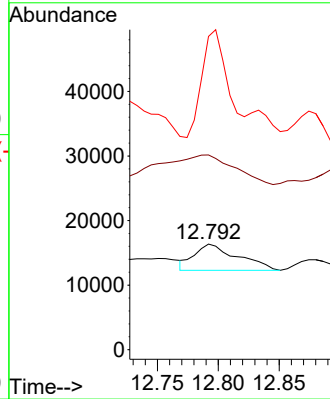
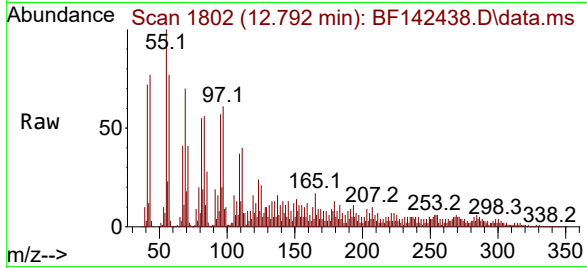




#77
Benzidine
Concen: 4.110 ng
RT: 12.792 min Scan# 1802
Delta R.T. 0.023 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

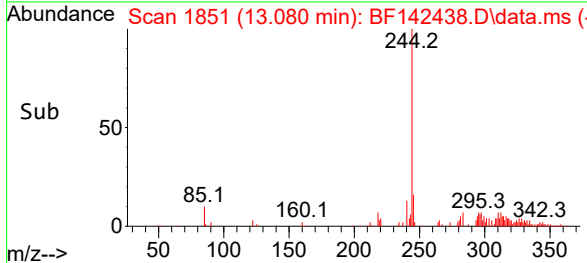
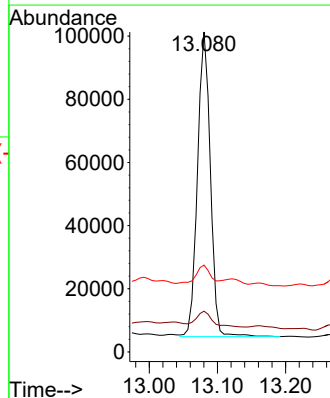
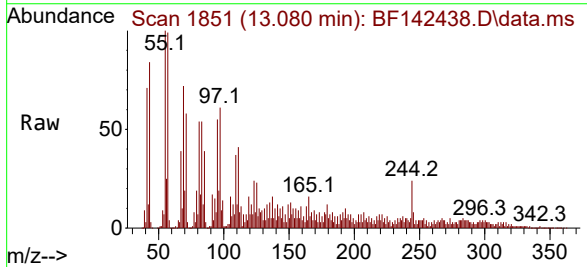
Instrument :
BNA_F
ClientSampleId :
281

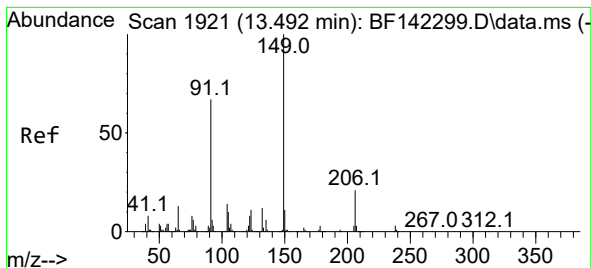
Tgt Ion:184 Resp: 10060
Ion Ratio Lower Upper
184 100
185 184.2 12.6 18.8#
183 296.5 8.6 12.8#



#79
Terphenyl-d14
Concen: 13.869 ng
RT: 13.080 min Scan# 1851
Delta R.T. 0.065 min
Lab File: BF142438.D
Acq: 16 May 2025 20:38

Tgt Ion:244 Resp: 126209
Ion Ratio Lower Upper
244 100
212 12.8 5.4 8.2#
122 27.1 9.0 13.4#





#80

Butylbenzylphthalate

Concen: 13.387 ng

RT: 13.274 min Scan# 1

Delta R.T. -0.218 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

Instrument :

BNA_F

ClientSampleId :

281

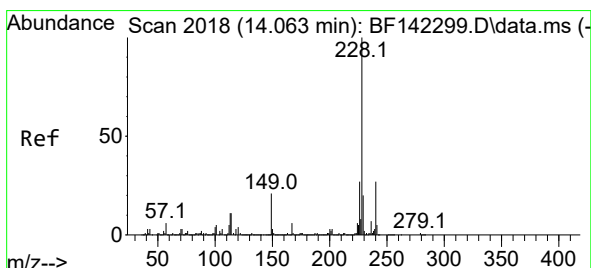
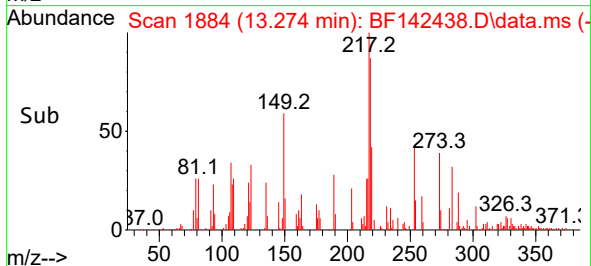
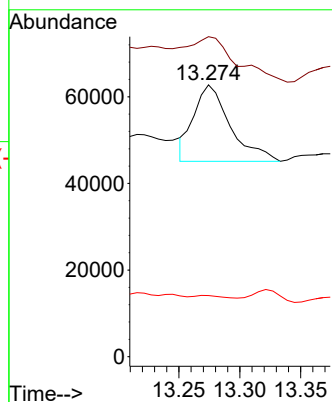
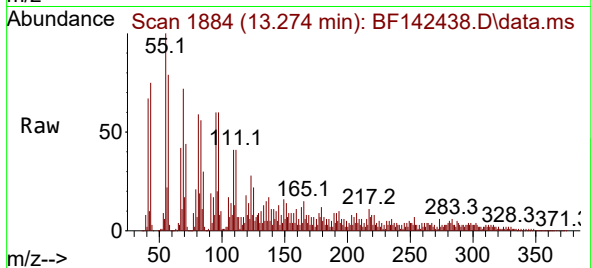
Tgt Ion:149 Resp: 36843

Ion Ratio Lower Upper

149 100

91 117.7 53.8 80.6#

206 22.5 16.6 24.8



#81

Benzo(a)anthracene

Concen: 6.872 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.035 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

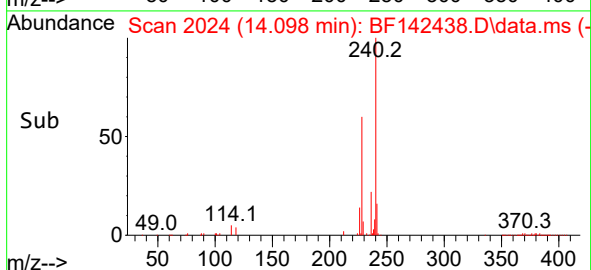
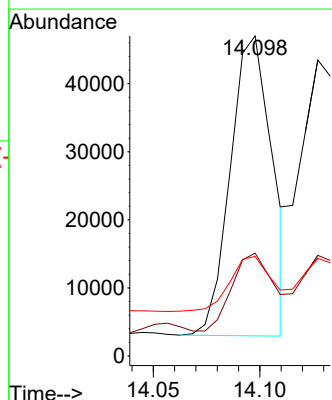
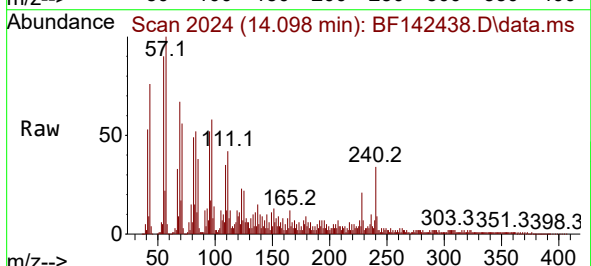
Tgt Ion:228 Resp: 59947

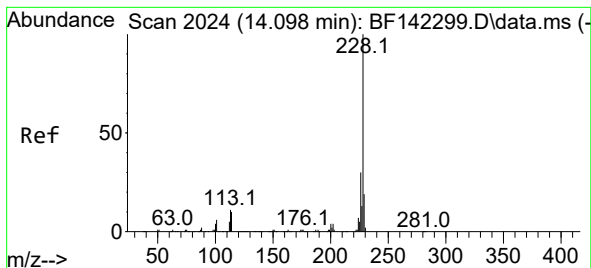
Ion Ratio Lower Upper

228 100

226 32.1 21.5 32.3

229 31.1 15.9 23.9#





#83

Chrysene

Concen: 7.030 ng

RT: 14.127 min Scan# 20

Delta R.T. 0.029 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

Instrument :

BNA_F

ClientSampleId :

281

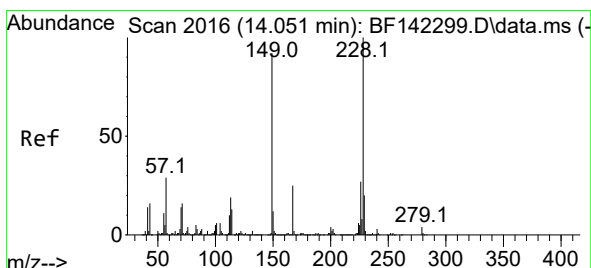
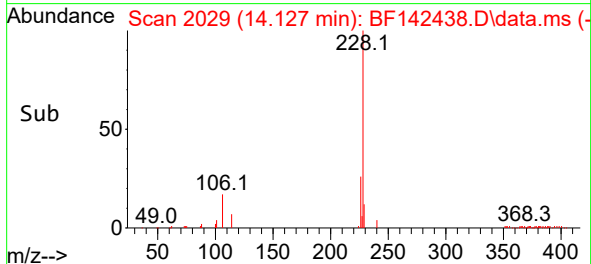
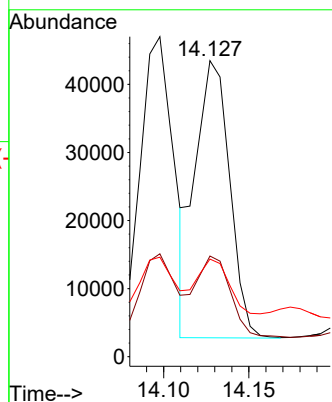
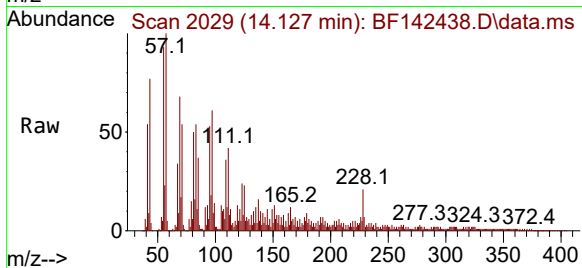
Tgt Ion:228 Resp: 57085

Ion Ratio Lower Upper

228 100

226 34.0 23.9 35.9

229 33.0 15.4 23.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.225 ng

RT: 14.062 min Scan# 2018

Delta R.T. 0.011 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

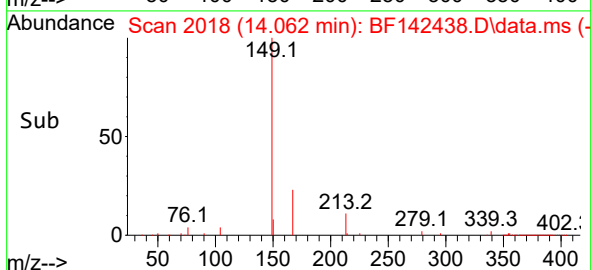
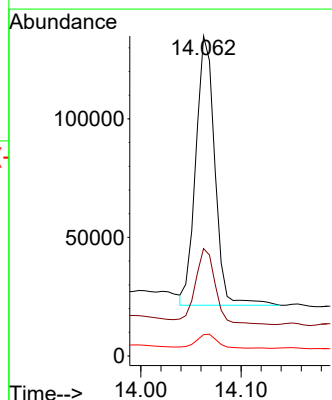
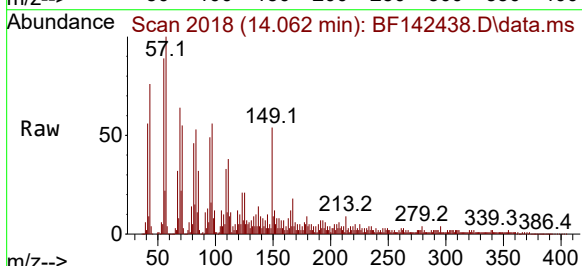
Tgt Ion:149 Resp: 149864

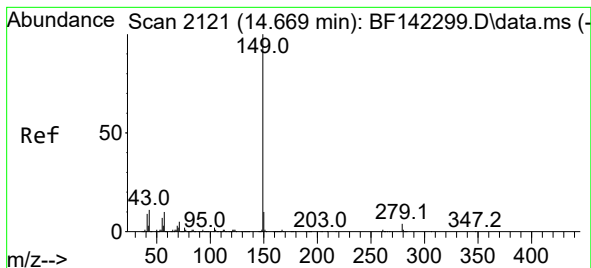
Ion Ratio Lower Upper

149 100

167 33.6 22.0 33.0#

279 6.7 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 8.497 ng

RT: 14.704 min Scan# 2121

Delta R.T. 0.035 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

Instrument :

BNA_F

ClientSampleId :

281

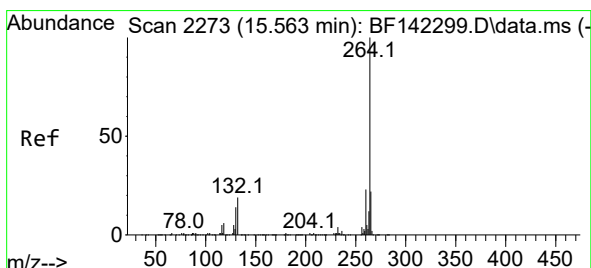
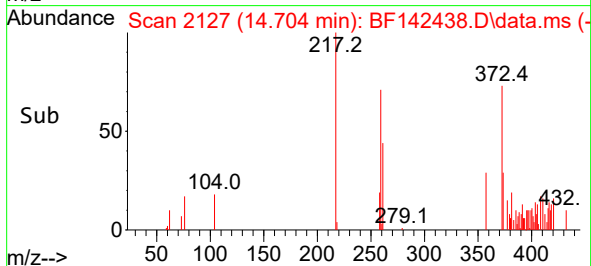
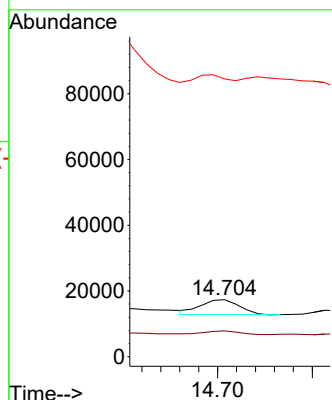
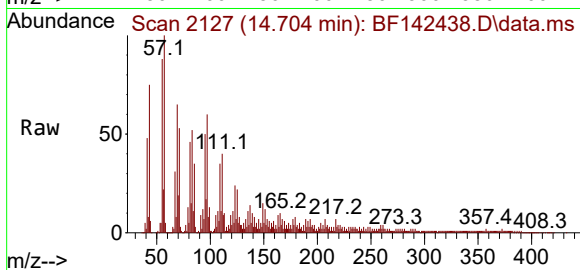
Tgt Ion:149 Resp: 6455

Ion Ratio Lower Upper

149 100

167 20.0 1.1 1.7#

43 0.0 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2275

Delta R.T. 0.012 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

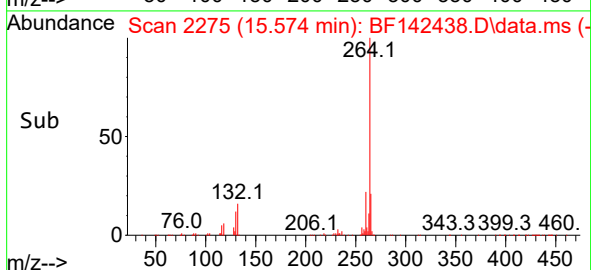
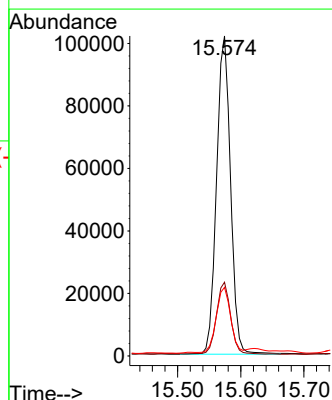
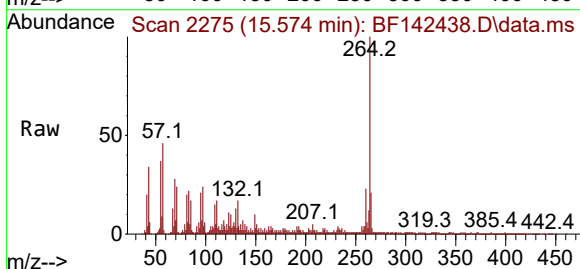
Tgt Ion:264 Resp: 156682

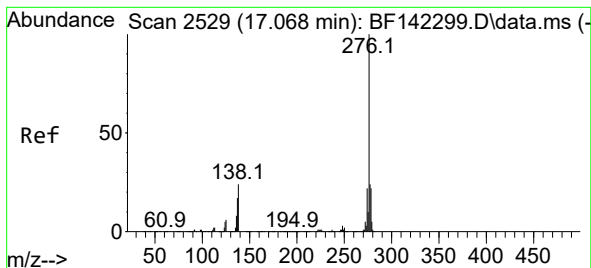
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.217 ng

RT: 17.068 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

Instrument :

BNA_F

ClientSampleId :

281

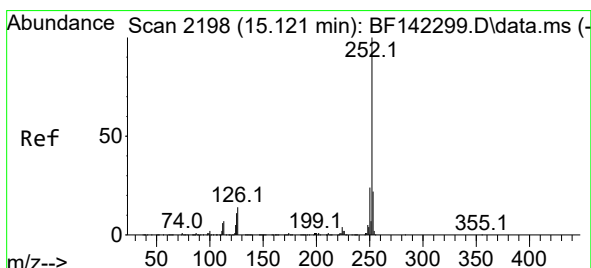
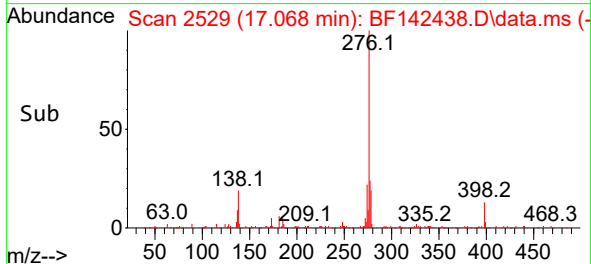
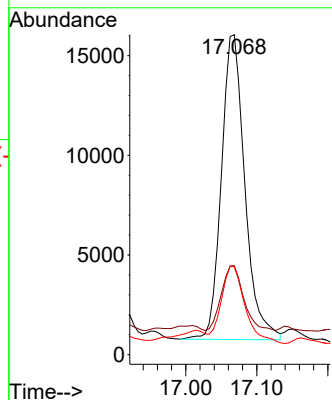
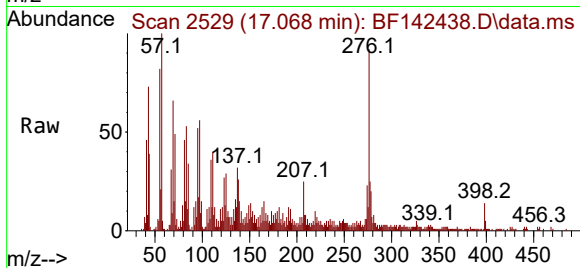
Tgt Ion:276 Resp: 35059

Ion Ratio Lower Upper

276 100

138 20.4 22.0 33.0#

277 25.6 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 12.277 ng

RT: 15.139 min Scan# 2201

Delta R.T. 0.017 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

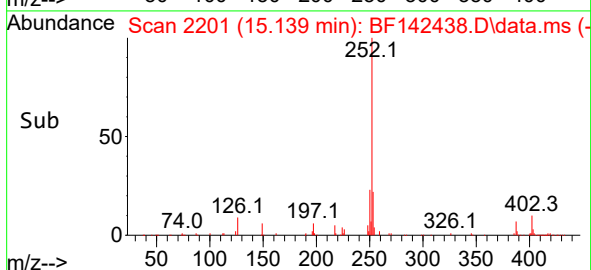
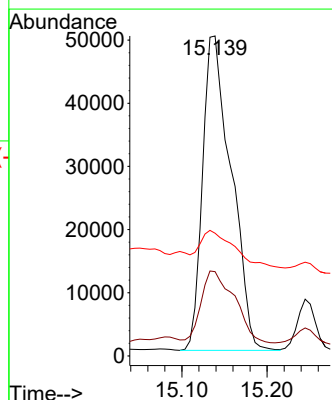
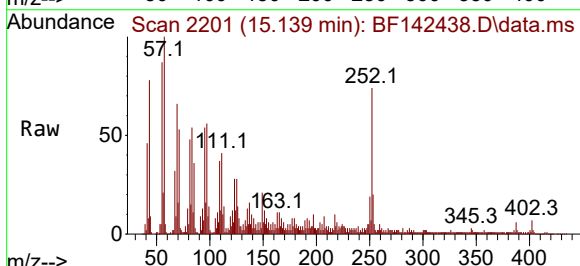
Tgt Ion:252 Resp: 116499

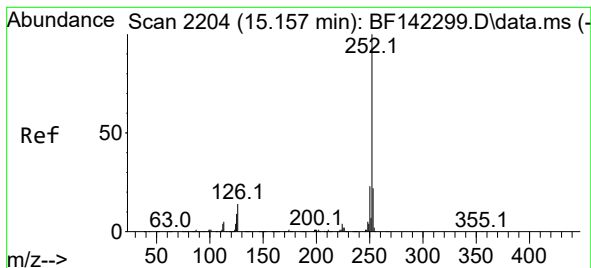
Ion Ratio Lower Upper

252 100

253 26.4 17.7 26.5

125 38.4 8.7 13.1#





#89

Benzo(k)fluoranthene

Concen: 13.415 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

Instrument :

BNA_F

ClientSampleId :

281

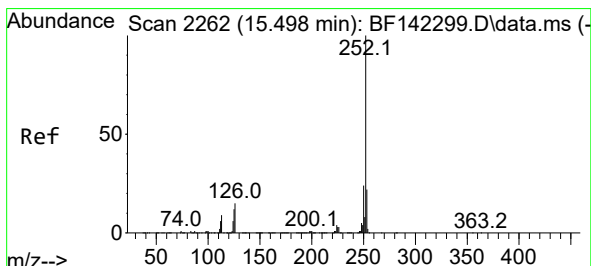
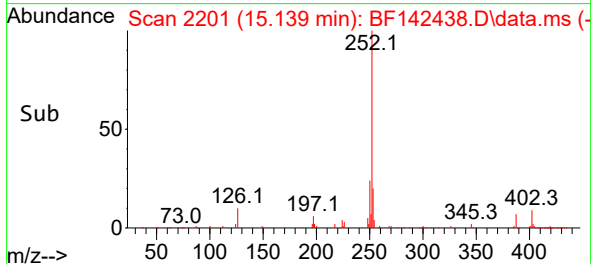
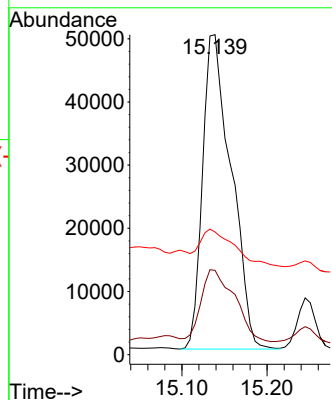
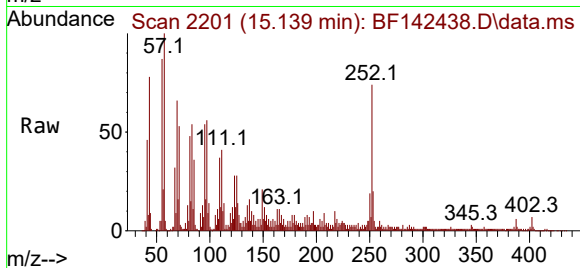
Tgt Ion:252 Resp: 116499

Ion Ratio Lower Upper

252 100

253 26.4 17.6 26.4

125 38.4 8.1 12.1#



#90

Benzo(a)pyrene

Concen: 6.722 ng

RT: 15.509 min Scan# 2264

Delta R.T. 0.012 min

Lab File: BF142438.D

Acq: 16 May 2025 20:38

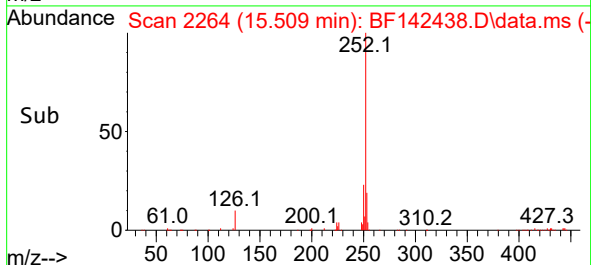
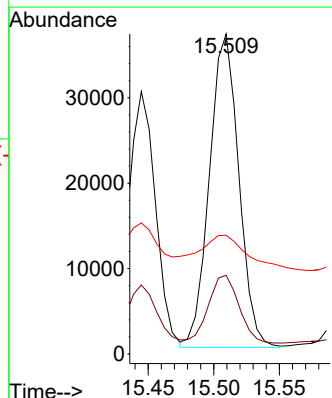
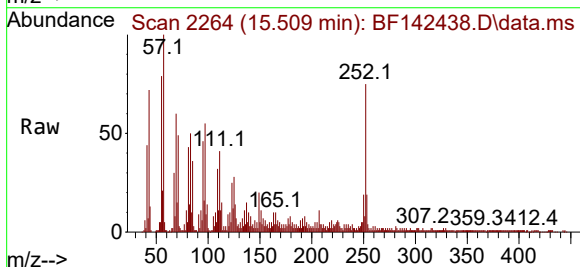
Tgt Ion:252 Resp: 57164

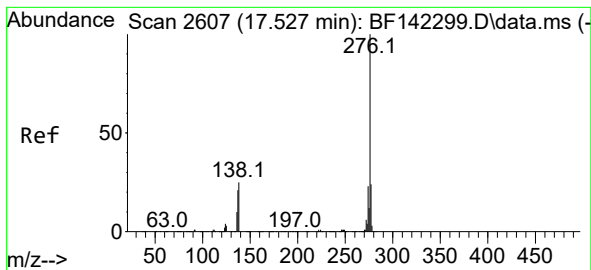
Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.6

125 37.1 9.4 14.0#





#92

Benzo(g,h,i)perylene

Concen: 3.849 ng

RT: 17.521 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142438.D

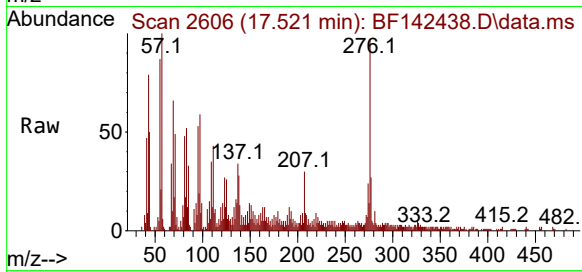
Acq: 16 May 2025 20:38

Instrument :

BNA_F

ClientSampleId :

281



Tgt Ion:276 Resp: 34398

Ion Ratio Lower Upper

276 100

277 28.0 19.0 28.6

138 28.6 19.8 29.6

