

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
 Data File : BF143442.D
 Acq On : 18 Aug 2025 15:34
 Operator : RC/JU
 Sample : Q2844-02 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0224-0225

Quant Time: Aug 18 16:26:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	85664	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	298375	20.000	ng	# 0.00
39) Acenaphthene-d10	9.981	164	130484	20.000	ng	0.02
64) Phenanthrene-d10	11.510	188	92851	20.000	ng	# 0.06
76) Chrysene-d12	14.139	240	218116	20.000	ng	# 0.05
86) Perylene-d12	15.592	264	217734	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	106080	21.526	ng	0.00
7) Phenol-d6	6.557	99	141246	22.744	ng	0.00
23) Nitrobenzene-d5	7.481	82	82149	16.337	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	29191	25.134	ng	0.03
45) 2-Fluorobiphenyl	9.281	172	158842	20.475	ng	0.00
79) Terphenyl-d14	13.104	244	119283	9.187	ng	0.08
Target Compounds						Qvalue
35) Caprolactam	8.634	113	3583	2.964	ng	# 1
37) 2-Methylnaphthalene	8.922	142	22583	2.365	ng	99
38) 1-Methylnaphthalene	9.022	142	23453	2.564	ng	83
46) 1,1'-Biphenyl	9.386	154	91452	9.975	ng	96
48) 2-Nitroaniline	9.475	65	7078	3.287	ng	# 62
49) Acenaphthylene	9.845	152	36504	3.494	ng	# 1
51) 2,6-Dinitrotoluene	9.781	165	17498	10.911	ng	# 42
53) 3-Nitroaniline	9.934	138	26002	14.556	ng	# 38
54) 2,4-Dinitrophenol	10.051	184	919	6.915	ng	# 1
55) Dibenzofuran	10.016	168	77418	7.637	ng	93
56) 4-Nitrophenol	10.092	139	5209	4.638	ng	# 1
57) 2,4-Dinitrotoluene	10.175	165	9054	4.235	ng	# 57
58) Fluorene	10.516	166	31248	4.012	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.298	232	4364	2.369	ng	# 1
60) Diethylphthalate	10.439	149	67861	9.027	ng	# 28
61) 4-Chlorophenyl-phenyle...	10.551	204	11826	3.071	ng	# 1
62) 4-Nitroaniline	10.451	138	53588	32.077	ng	95
63) Azobenzene	10.686	77	23981	3.156	ng	# 32
65) 4,6-Dinitro-2-methylph...	10.604	198	1931	4.031	ng	# 1
66) n-Nitrosodiphenylamine	10.657	169	34295	11.359	ng	# 67
69) Atrazine	11.169	200	9196	10.414	ng	# 1
70) Pentachlorophenol	11.286	266	1764	3.441	ng	# 1
71) Phenanthrene	11.533	178	59850	11.903	ng	# 1
72) Anthracene	11.592	178	24111	4.748	ng	# 1
73) Carbazole	11.728	167	10277	2.393	ng	# 1
74) Di-n-butylphthalate	12.092	149	62382	14.585	ng	# 26
75) Fluoranthene	12.751	202	103262	23.113	ng	# 56
81) Benzo(a)anthracene	14.127	228	39377	2.836	ng	# 59
83) Chrysene	14.163	228	67264	5.240	ng	# 77
84) Bis(2-ethylhexyl)phtha...	14.086	149	31401	4.709	ng	# 61
85) Di-n-octyl phthalate	14.721	149	111860	8.270	ng	# 63
88) Benzo(b)fluoranthene	15.163	252	101139	8.667	ng	# 72
89) Benzo(k)fluoranthene	15.163	252	101139	8.787	ng	# 73
90) Benzo(a)pyrene	15.533	252	28344	2.550	ng	# 63

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 18 16:26:32 2025
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QLast Update : Mon Aug 18 04:40:19 2025
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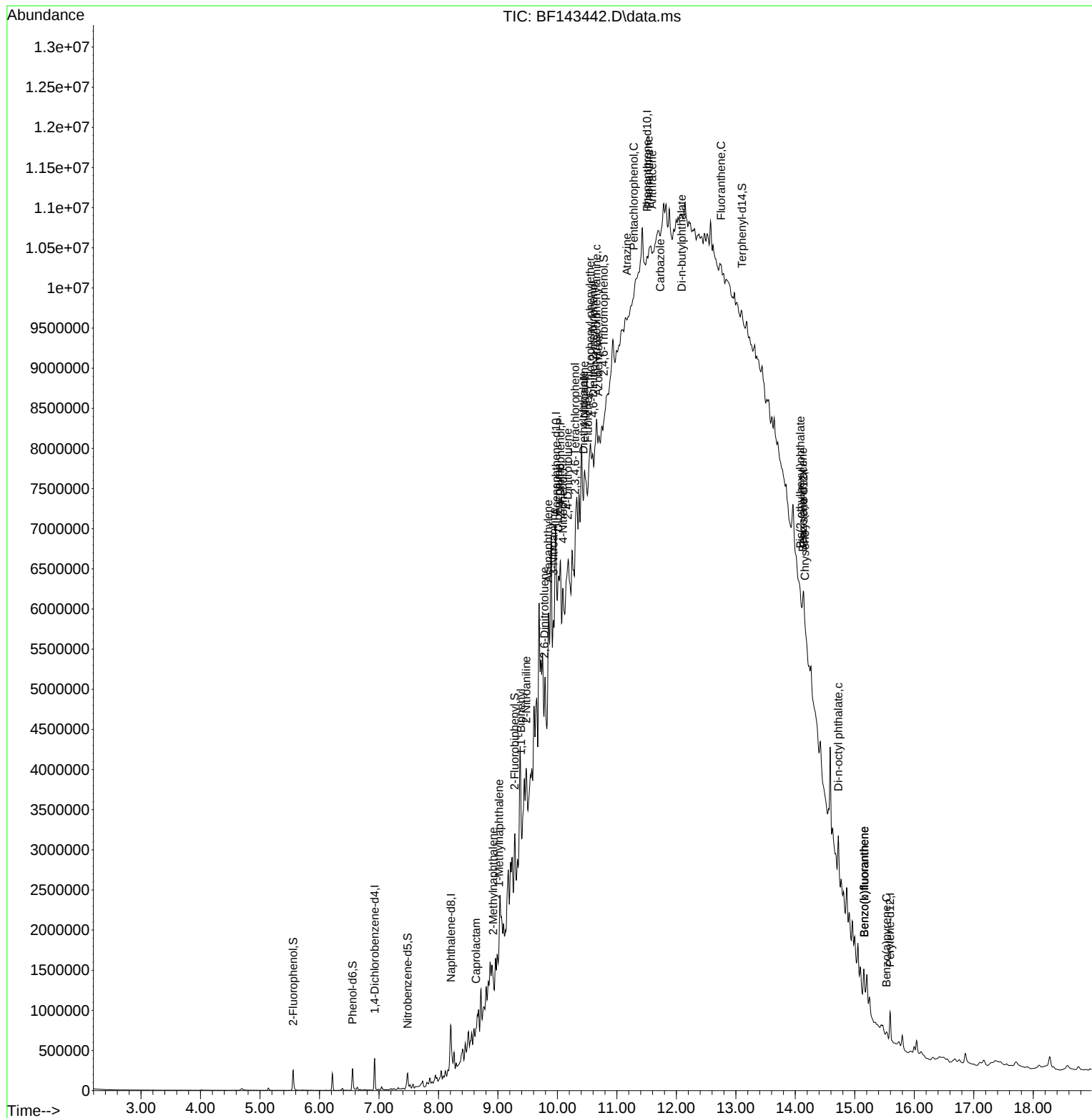
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

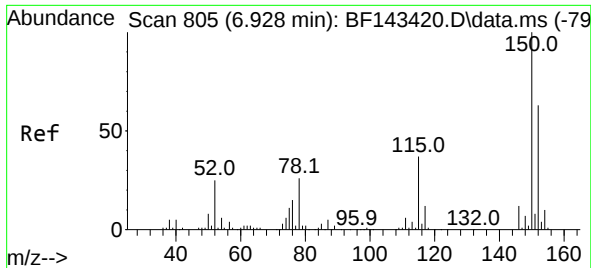
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Instrument :
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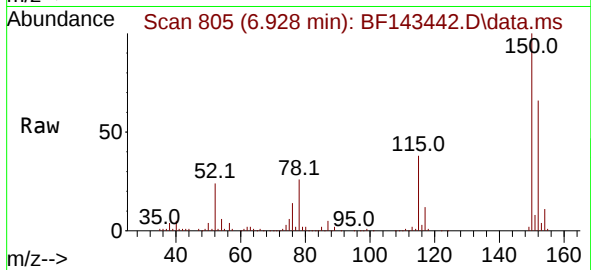
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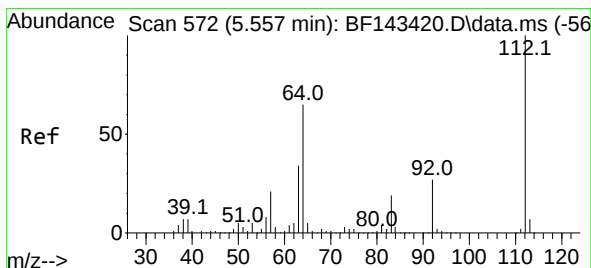
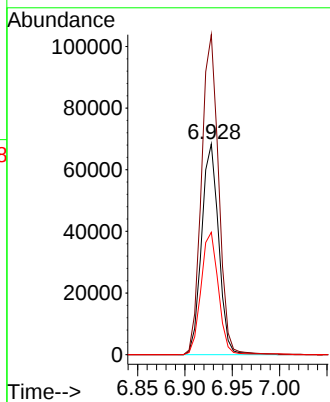
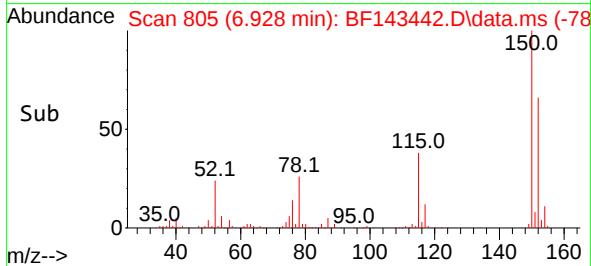


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Instrument :
BNA_F
ClientSampleId :
MOO-25-0224-0225

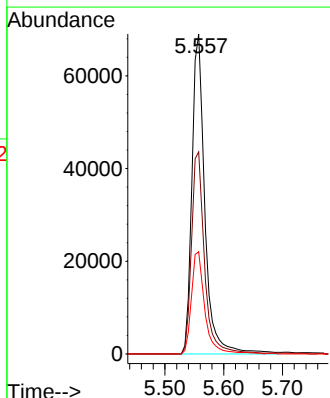
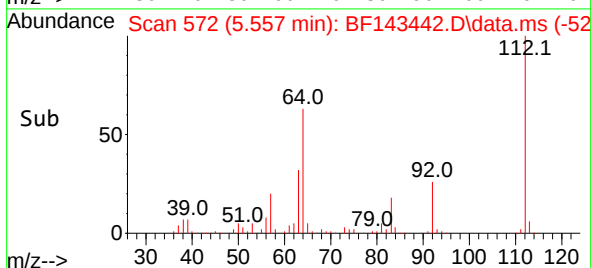
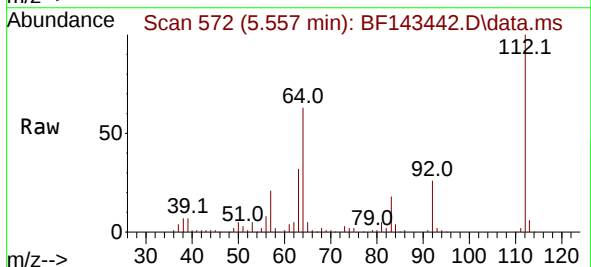


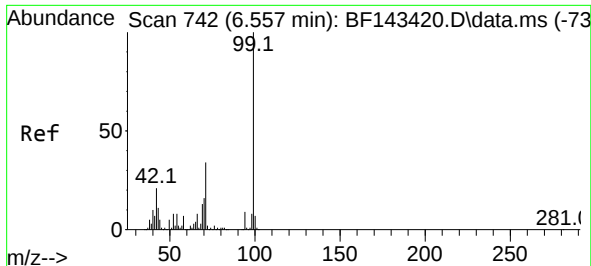
Tgt Ion:152 Resp: 85664
Ion Ratio Lower Upper
152 100
150 151.9 127.4 191.2
115 58.1 47.5 71.3



#5
2-Fluorophenol
Concen: 21.526 ng
RT: 5.557 min Scan# 572
Delta R.T. -0.000 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

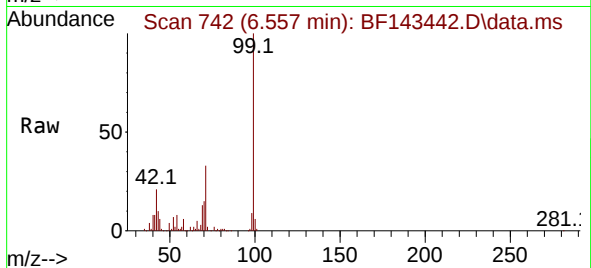
Tgt Ion:112 Resp: 106080
Ion Ratio Lower Upper
112 100
64 63.1 52.2 78.2
63 32.0 27.0 40.6



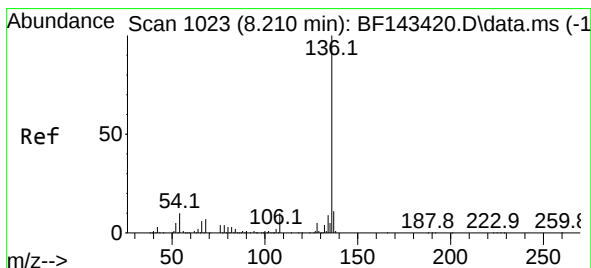
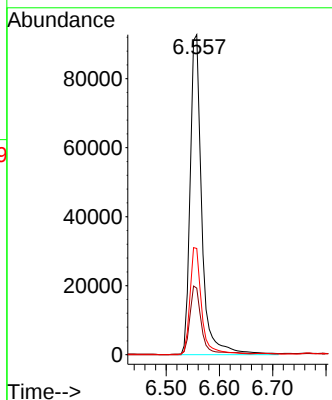
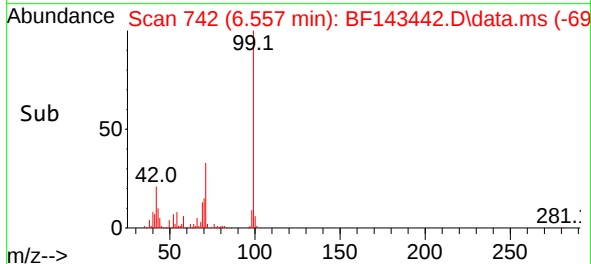


#7
Phenol-d6
Concen: 22.744 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Instrument :
BNA_F
ClientSampleId :
MOO-25-0224-0225

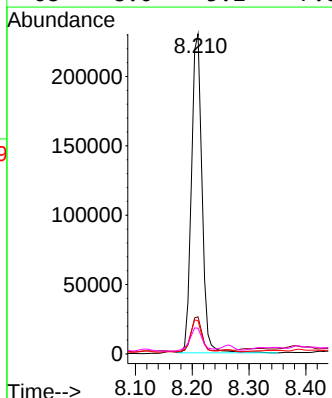
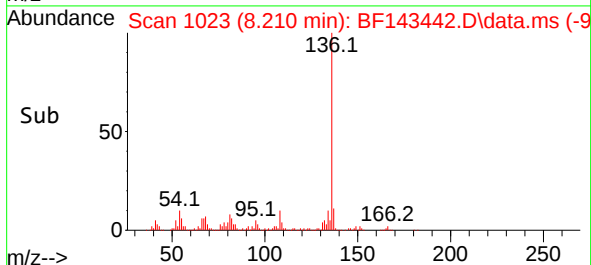
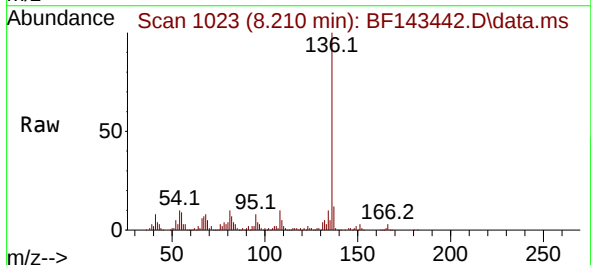


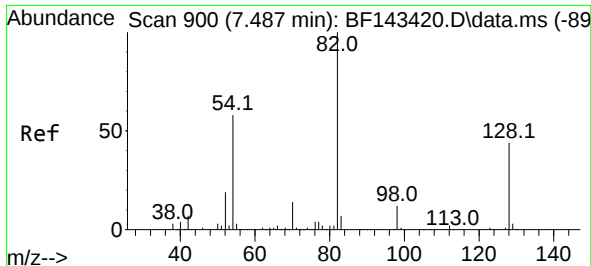
Tgt Ion: 99 Resp: 141246
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 33.2 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Tgt Ion: 136 Resp: 298375
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 10.4 7.8 11.8
68 8.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 16.337 ng

RT: 7.481 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

MOO-25-0224-0225

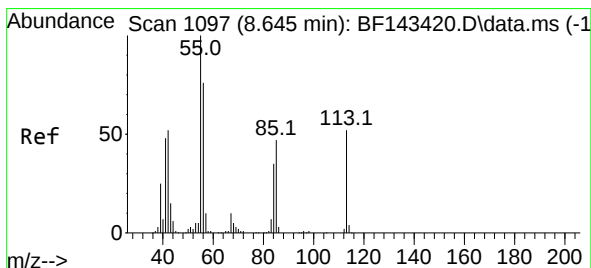
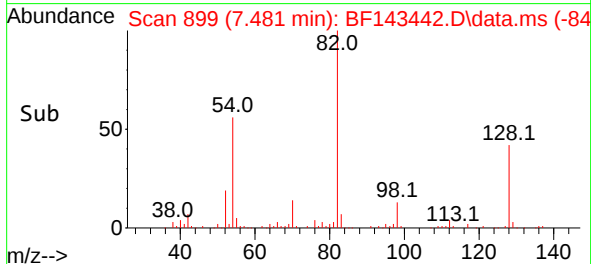
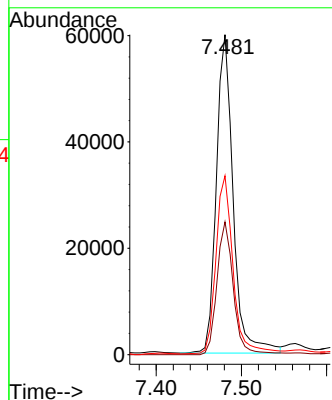
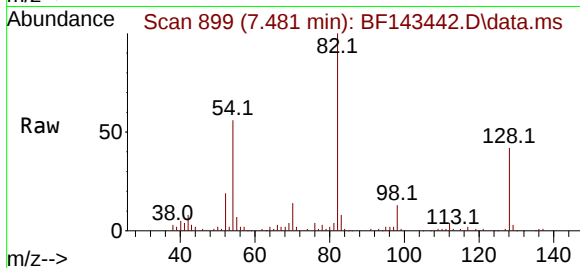
Tgt Ion: 82 Resp: 82149

Ion Ratio Lower Upper

82 100

128 41.5 34.6 52.0

54 55.9 46.0 69.0



#35

Caprolactam

Concen: 2.964 ng

RT: 8.634 min Scan# 1095

Delta R.T. -0.012 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

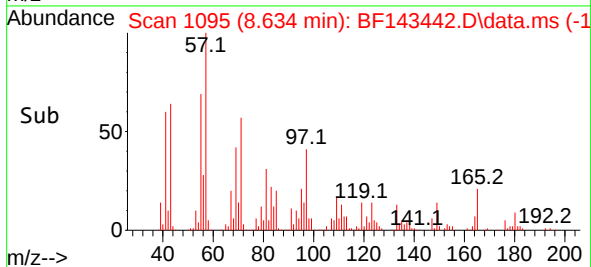
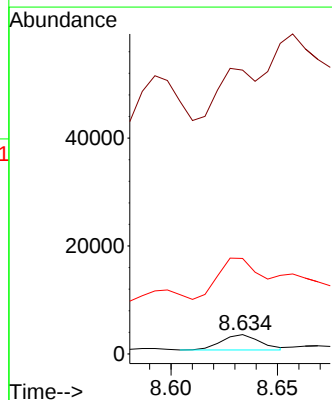
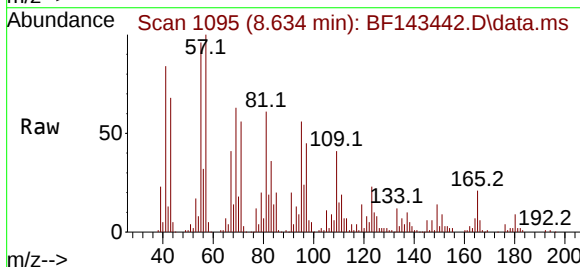
Tgt Ion:113 Resp: 3583

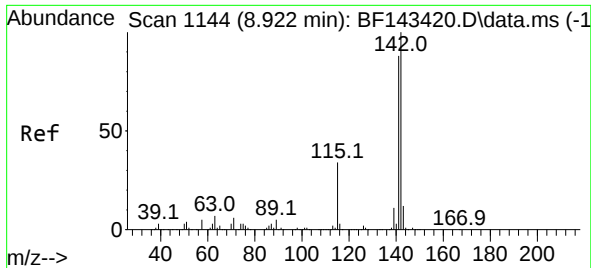
Ion Ratio Lower Upper

113 100

55 1472.2 174.7 214.7#

56 495.7 127.0 167.0#

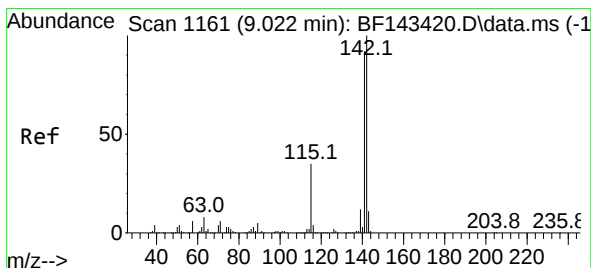
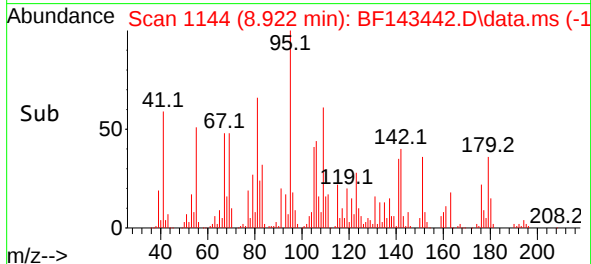
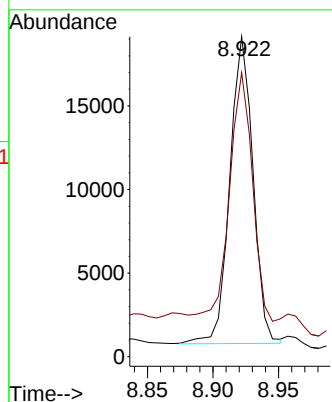
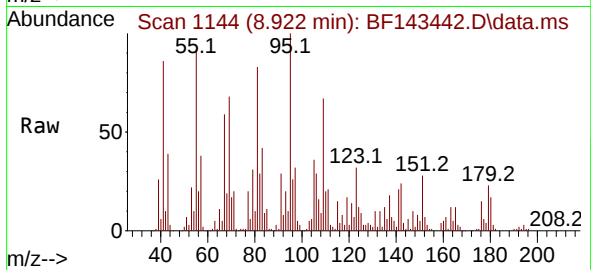




#37
2-Methylnaphthalene
Concen: 2.365 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

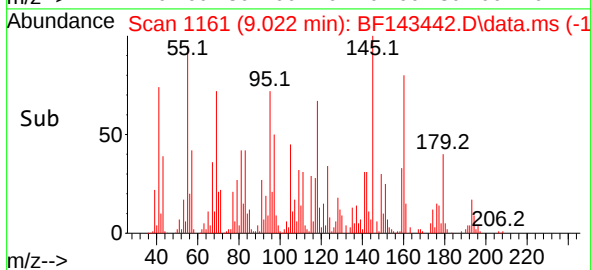
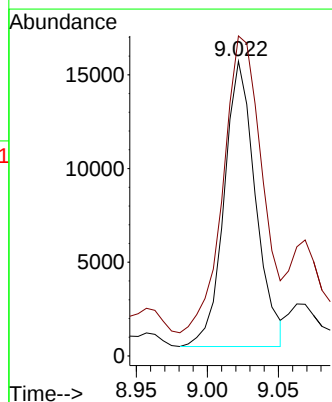
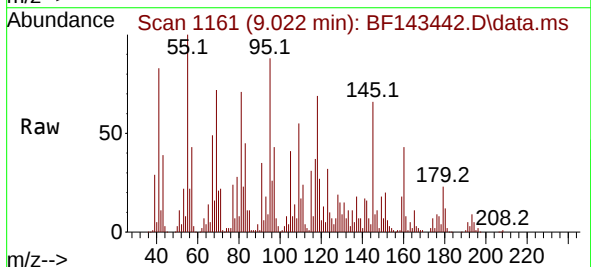
Instrument : BNA_F
ClientSampleId : MOO-25-0224-0225

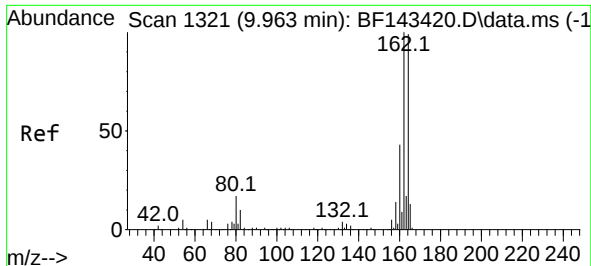
Tgt Ion:142 Resp: 22583
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5



#38
1-Methylnaphthalene
Concen: 2.564 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Tgt Ion:142 Resp: 23453
Ion Ratio Lower Upper
142 100
141 108.6 73.8 110.6

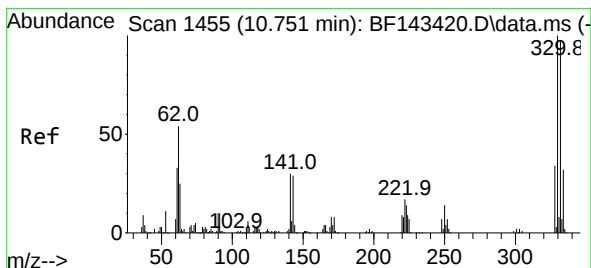
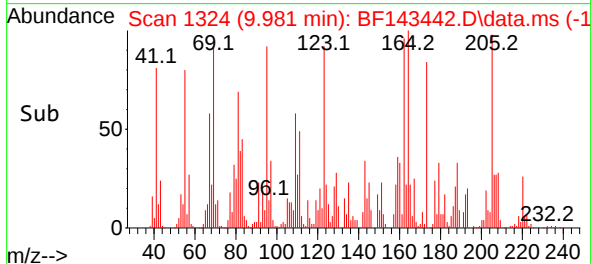
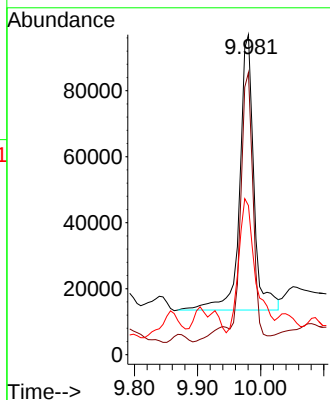
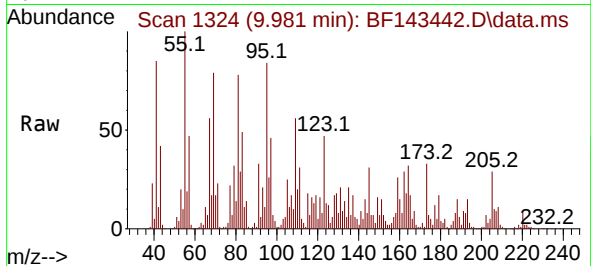




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

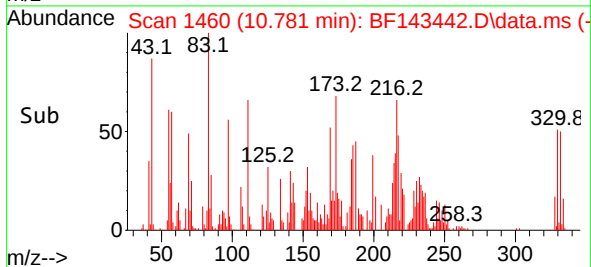
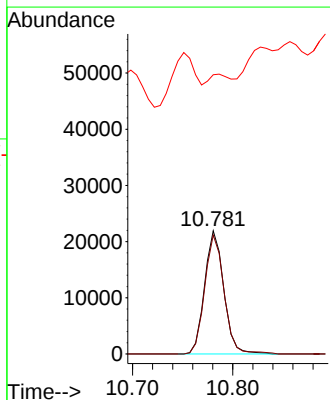
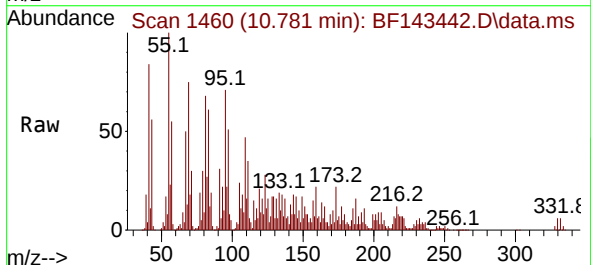
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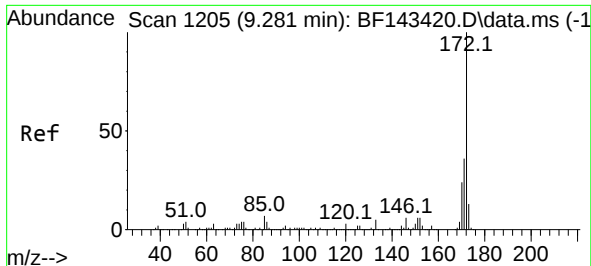
Tgt Ion:164 Resp: 130484
Ion Ratio Lower Upper
164 100
162 88.1 80.6 121.0
160 46.6 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 25.134 ng
RT: 10.781 min Scan# 1460
Delta R.T. 0.029 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Tgt Ion:330 Resp: 29191
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.2
141 0.0 24.1 36.1#

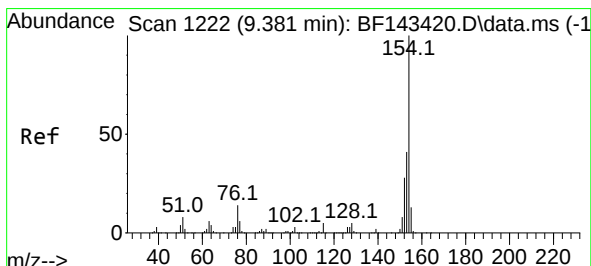
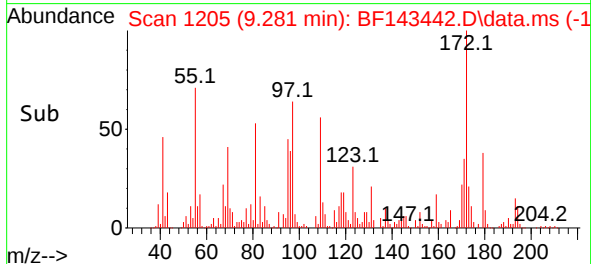
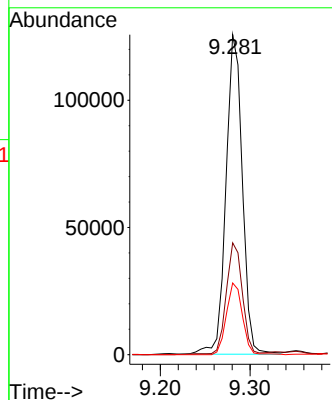
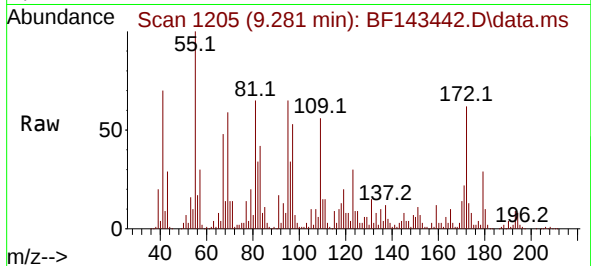




#45
2-Fluorobiphenyl
Concen: 20.475 ng
RT: 9.281 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

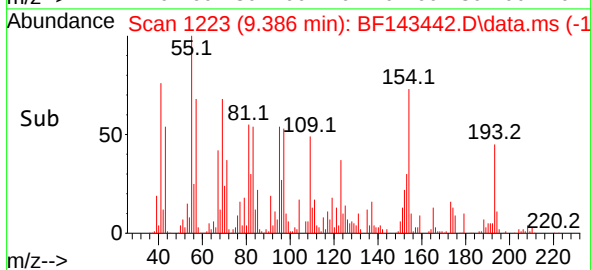
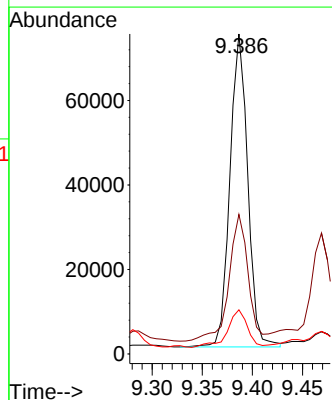
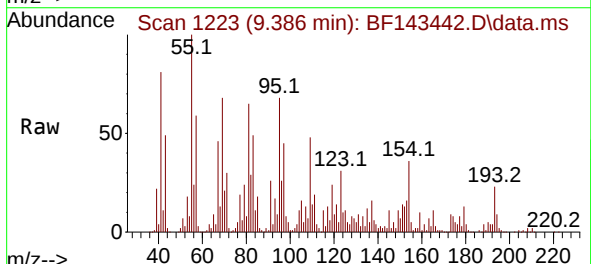
Instrument :
BNA_F
ClientSampleId :
MOO-25-0224-0225

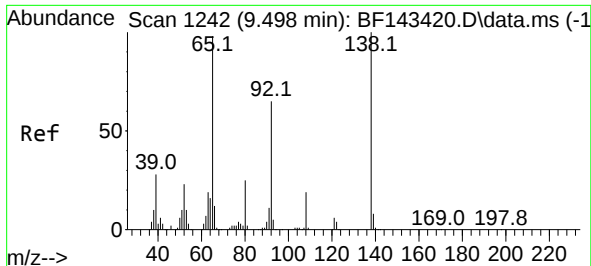
Tgt Ion:172 Resp: 158842
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 22.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 9.975 ng
RT: 9.386 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Tgt Ion:154 Resp: 91452
Ion Ratio Lower Upper
154 100
153 43.6 20.6 60.6
76 13.8 0.0 33.8

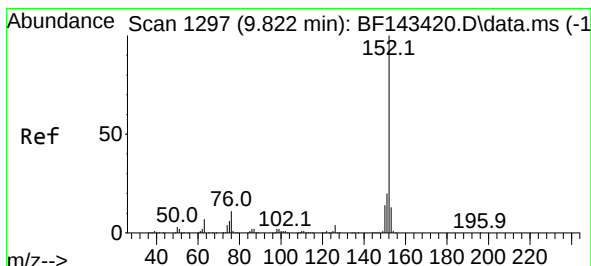
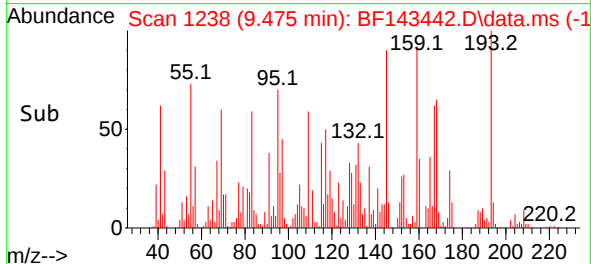
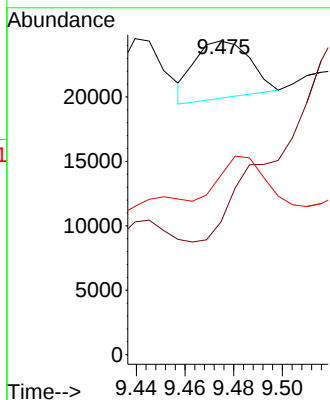
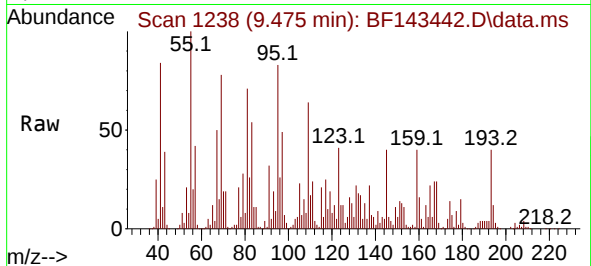




#48
2-Nitroaniline
Concen: 3.287 ng
RT: 9.475 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

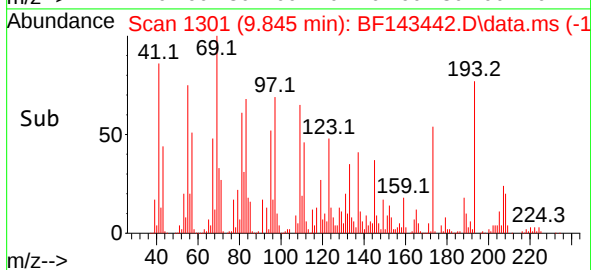
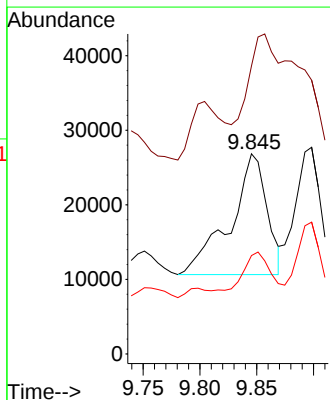
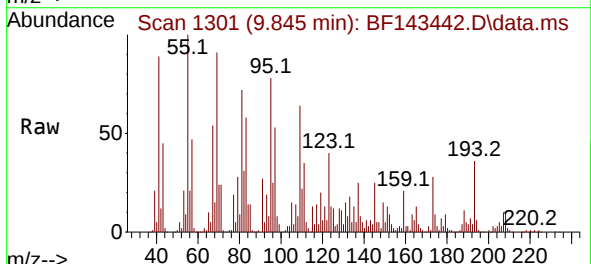
Instrument :
BNA_F
ClientSampleId :
MOO-25-0224-0225

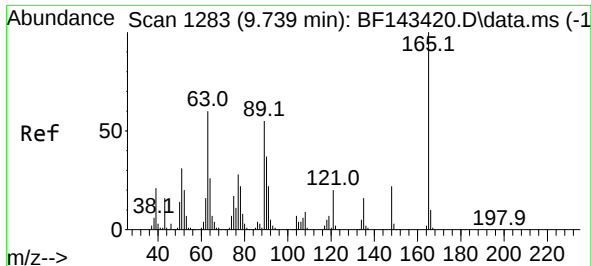
Tgt Ion: 65 Resp: 7078
Ion Ratio Lower Upper
65 100
92 42.3 52.9 79.3#
138 57.2 81.3 121.9#



#49
Acenaphthylene
Concen: 3.494 ng
RT: 9.845 min Scan# 1301
Delta R.T. 0.023 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Tgt Ion: 152 Resp: 36504
Ion Ratio Lower Upper
152 100
151 143.8 16.0 24.0#
153 49.2 10.8 16.2#

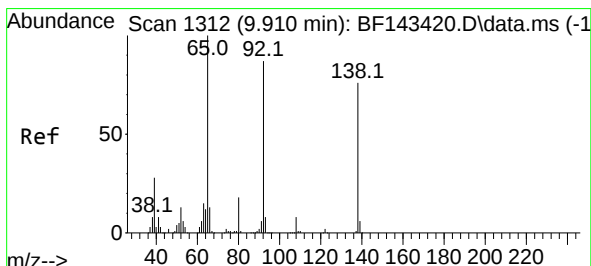
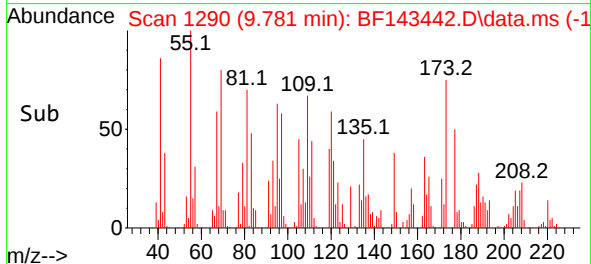
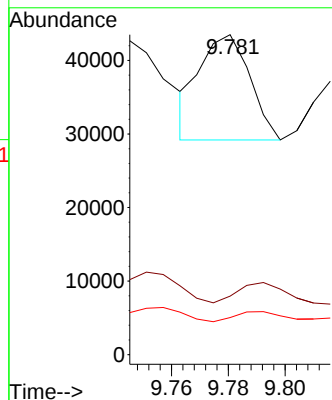
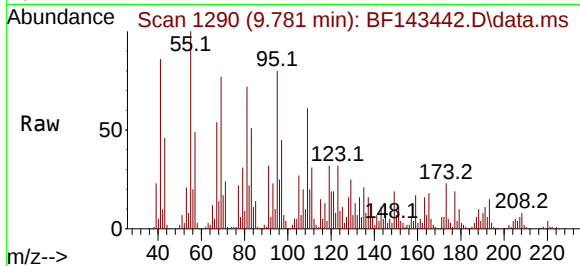




#51
2,6-Dinitrotoluene
Concen: 10.911 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

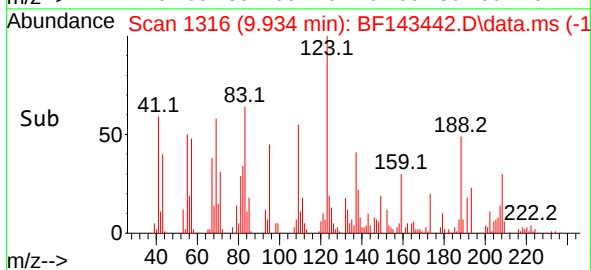
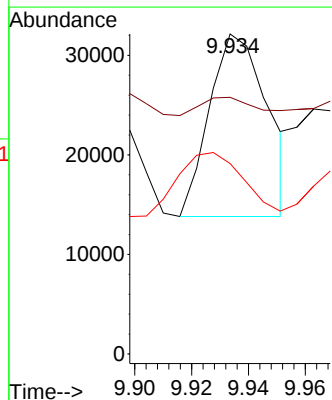
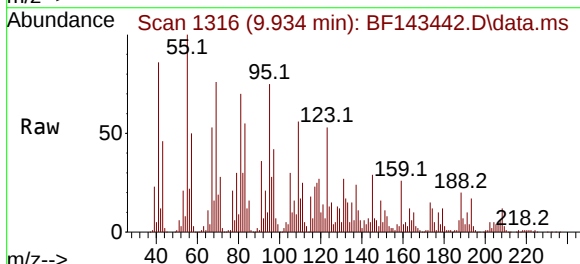
Instrument :
BNA_F
ClientSampleId :
MOO-25-0224-0225

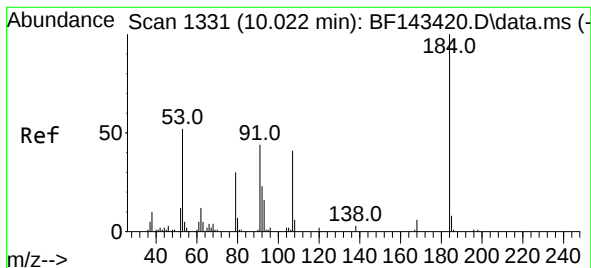
Tgt Ion:165 Resp: 17498
Ion Ratio Lower Upper
165 100
63 18.3 48.2 72.2#
89 11.6 44.2 66.2#



#53
3-Nitroaniline
Concen: 14.556 ng
RT: 9.934 min Scan# 1316
Delta R.T. 0.023 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Tgt Ion:138 Resp: 26002
Ion Ratio Lower Upper
138 100
108 80.2 8.7 13.1#
92 59.5 91.4 137.2#





#54

2,4-Dinitrophenol

Concen: 6.915 ng

RT: 10.051 min Scan# 1336

Delta R.T. 0.029 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Instrument :

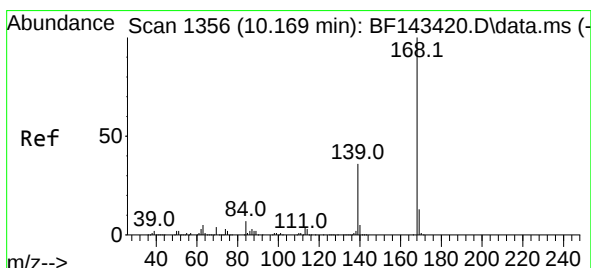
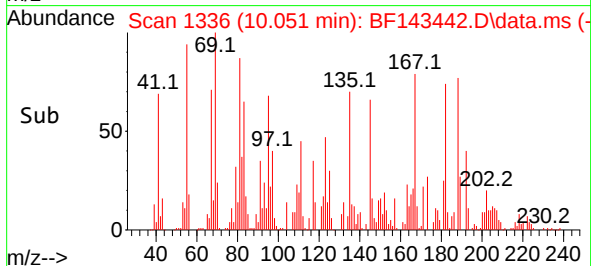
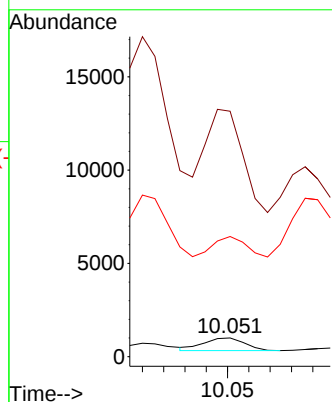
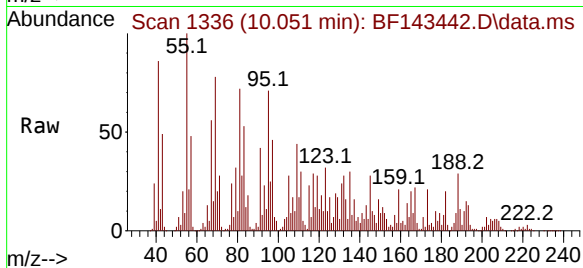
BNA_F

ClientSampleId :

MOO-25-0224-0225

Tgt Ion:184 Resp: 919

Ion	Ratio	Lower	Upper
184	100		
63	1310.4	53.2	79.8#
154	641.7	51.3	76.9#



#55

Dibenzofuran

Concen: 7.637 ng

RT: 10.016 min Scan# 1330

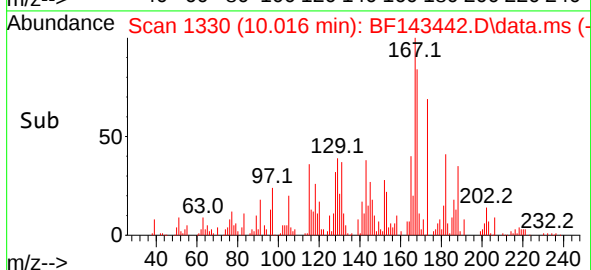
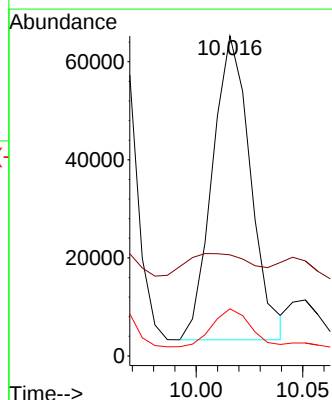
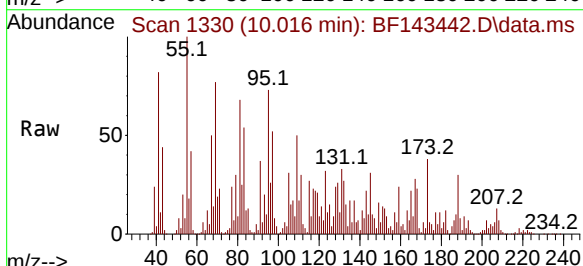
Delta R.T. -0.153 min

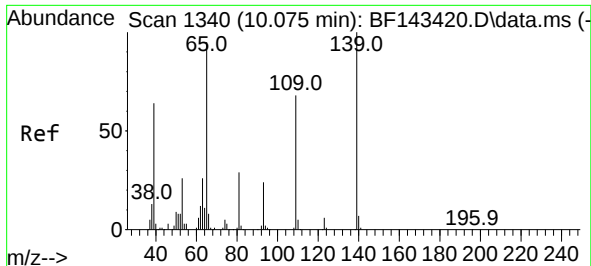
Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Tgt Ion:168 Resp: 77418

Ion	Ratio	Lower	Upper
168	100		
139	31.6	29.3	43.9
169	14.8	10.8	16.2

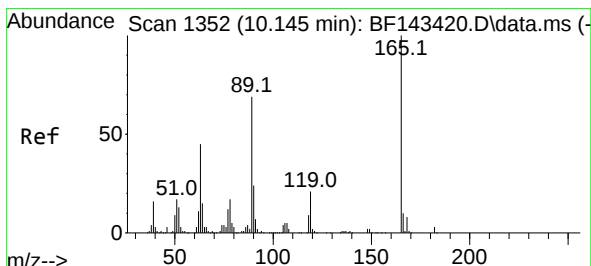
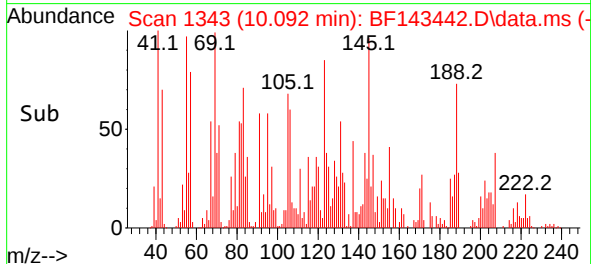
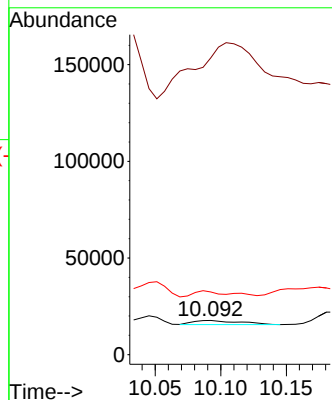
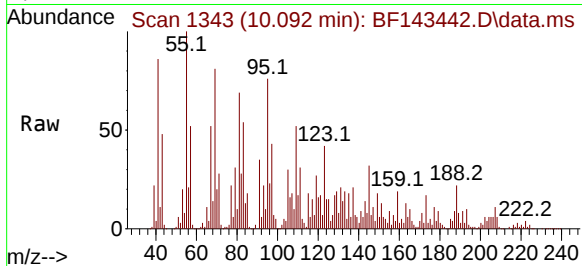




#56
4-Nitrophenol
Concen: 4.638 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

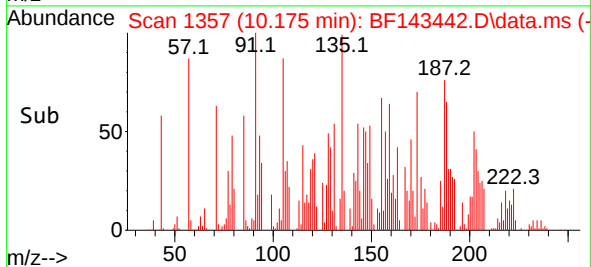
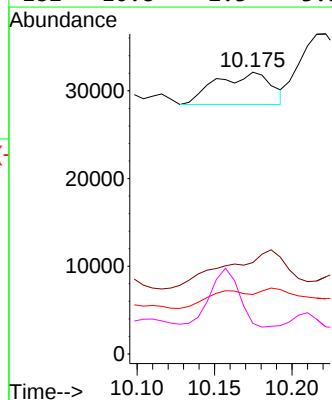
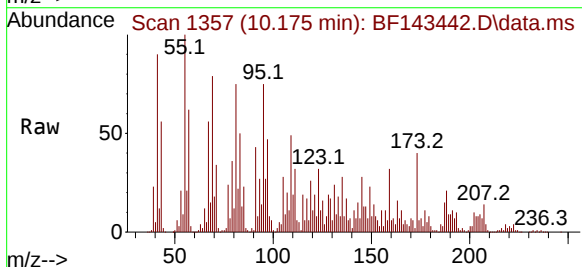
Instrument :
BNA_F
ClientSampleId :
MOO-25-0224-0225

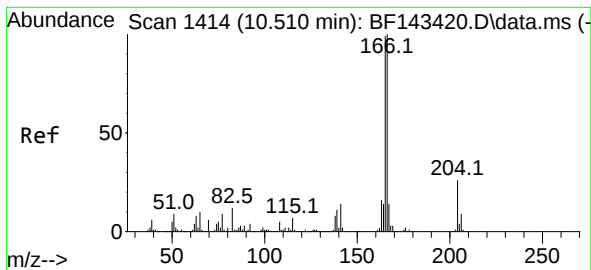
Tgt Ion:139 Resp: 5209
Ion Ratio Lower Upper
139 100
109 866.5 47.7 87.7#
65 183.1 76.4 116.4#



#57
2,4-Dinitrotoluene
Concen: 4.235 ng
RT: 10.175 min Scan# 1357
Delta R.T. 0.030 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Tgt Ion:165 Resp: 9054
Ion Ratio Lower Upper
165 100
63 32.4 37.0 55.6#
89 21.1 55.4 83.0#
182 10.8 2.3 3.5#





#58

Fluorene

Concen: 4.012 ng

RT: 10.516 min Scan# 1414

Delta R.T. 0.006 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

MOO-25-0224-0225

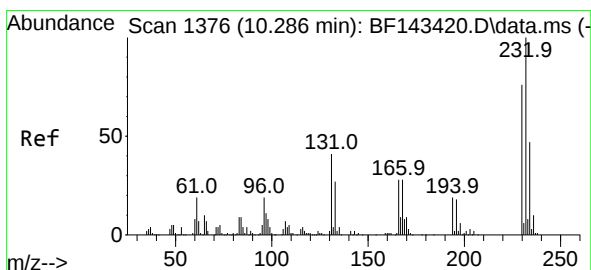
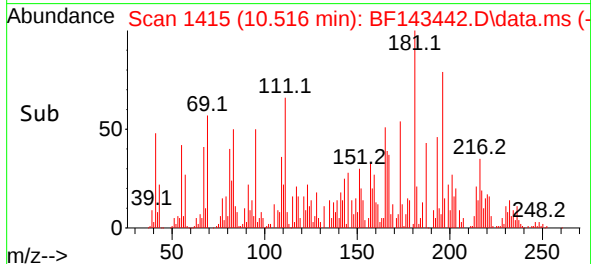
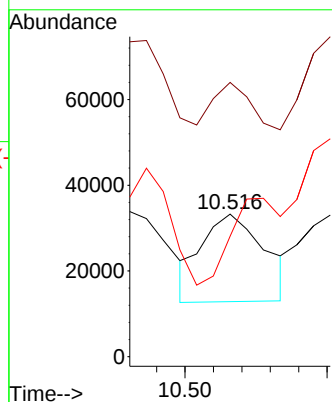
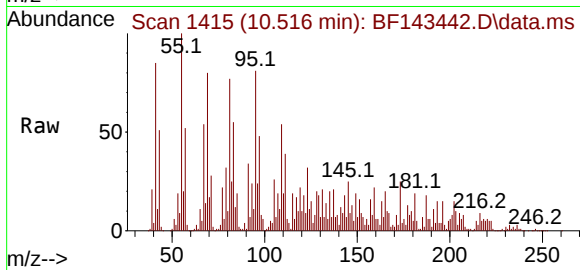
Tgt Ion:166 Resp: 31248

Ion Ratio Lower Upper

166 100

165 192.4 79.0 118.6#

167 84.5 10.9 16.3#



#59

2,3,4,6-Tetrachlorophenol

Concen: 2.369 ng

RT: 10.298 min Scan# 1378

Delta R.T. 0.012 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Tgt Ion:232 Resp: 4364

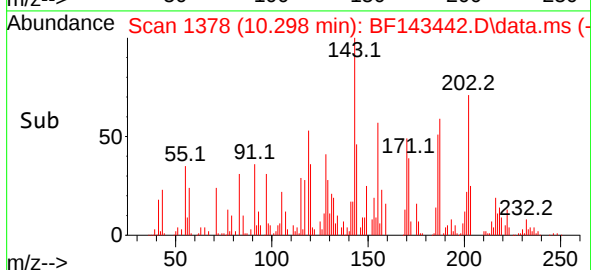
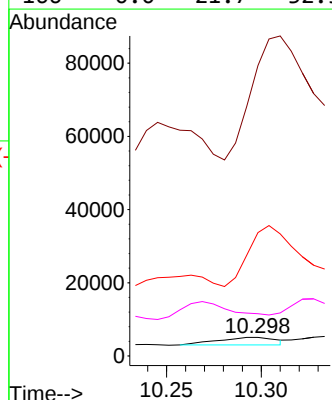
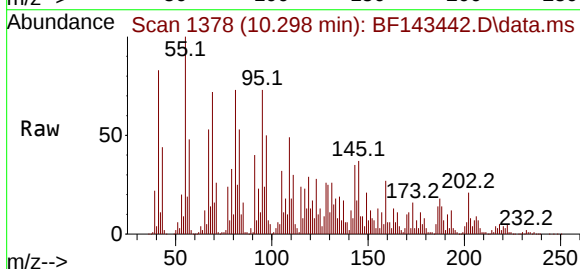
Ion Ratio Lower Upper

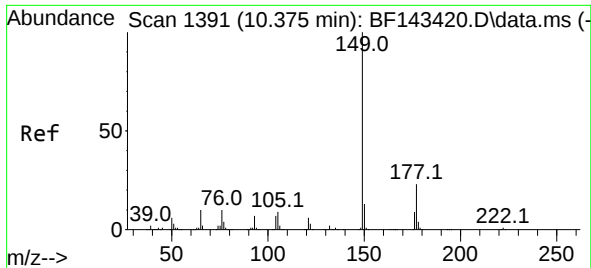
232 100

131 1835.8 32.0 48.0#

130 857.7 1.7 2.5#

166 0.0 21.7 32.5#

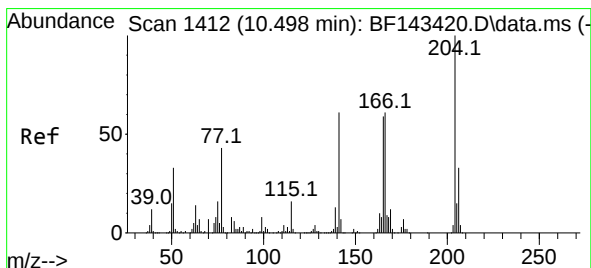
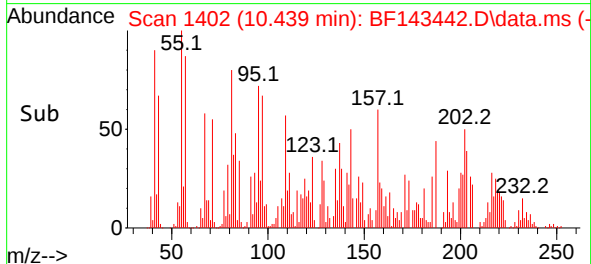
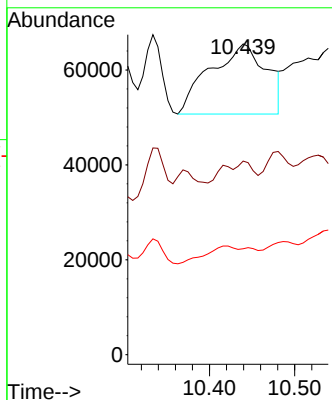
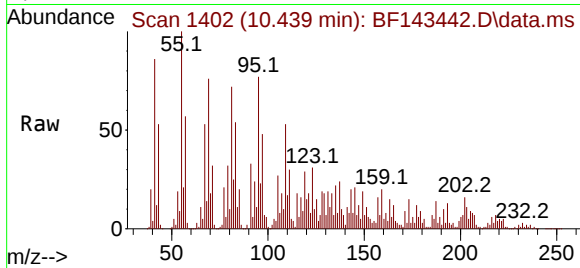




#60
Diethylphthalate
Concen: 9.027 ng
RT: 10.439 min Scan# 1402
Delta R.T. 0.065 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

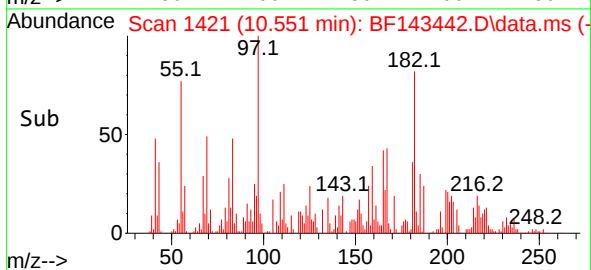
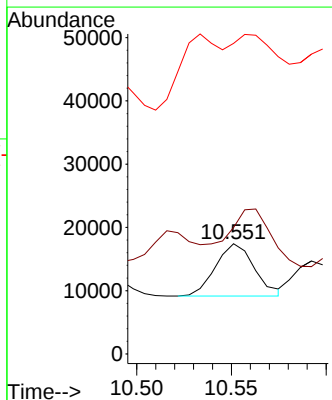
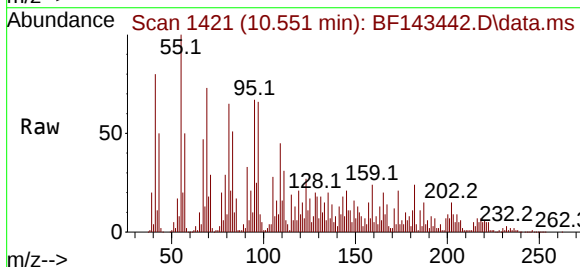
Instrument :
BNA_F
ClientSampleId :
MOO-25-0224-0225

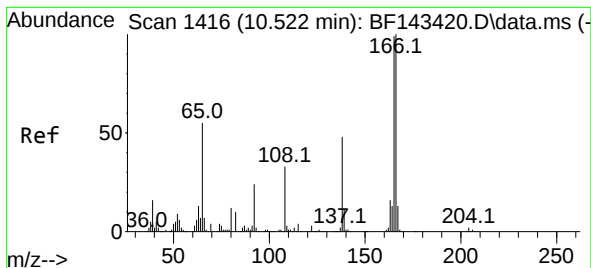
Tgt Ion:149 Resp: 67861
Ion Ratio Lower Upper
149 100
177 62.3 18.2 27.4#
150 34.1 10.1 15.1#



#61
4-Chlorophenyl-phenylether
Concen: 3.071 ng
RT: 10.551 min Scan# 1421
Delta R.T. 0.053 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Tgt Ion:204 Resp: 11826
Ion Ratio Lower Upper
204 100
206 114.6 26.5 39.7#
141 281.8 49.0 73.4#

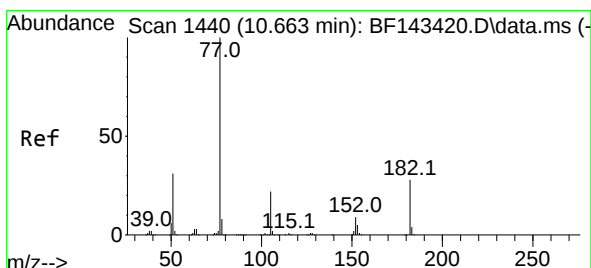
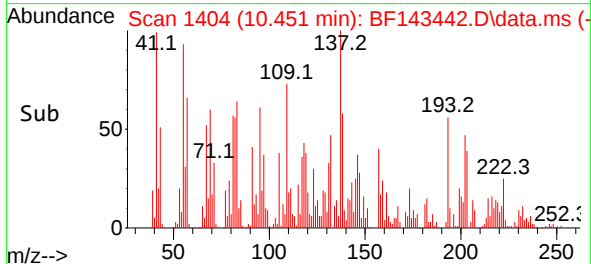
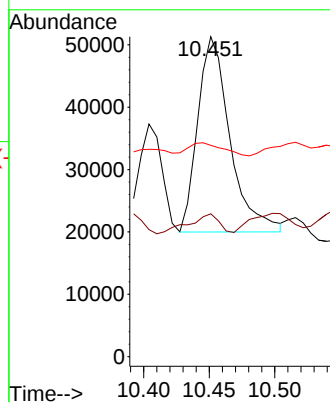
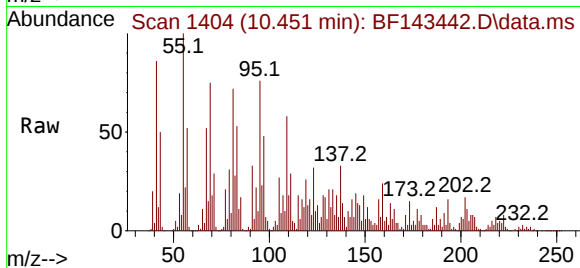




#62
4-Nitroaniline
Concen: 32.077 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.071 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

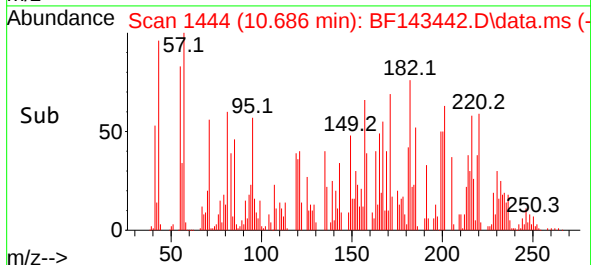
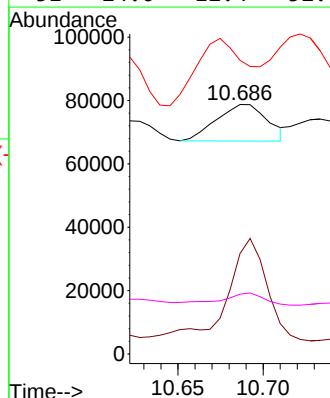
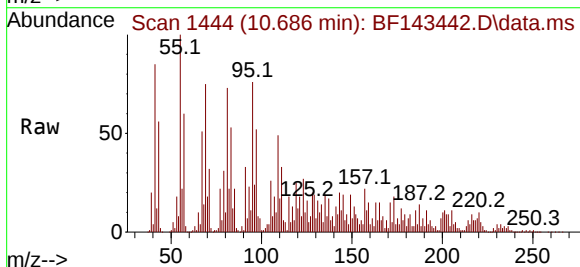
Instrument :
BNA_F
ClientSampleId :
MOO-25-0224-0225

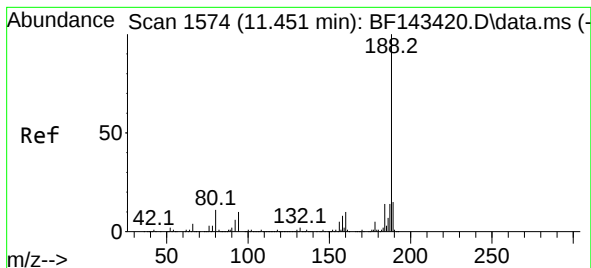
Tgt Ion:138 Resp: 53588
Ion Ratio Lower Upper
138 100
92 44.7 29.4 69.4
108 66.1 48.6 88.6



#63
Azobenzene
Concen: 3.156 ng
RT: 10.686 min Scan# 1444
Delta R.T. 0.023 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Tgt Ion: 77 Resp: 23981
Ion Ratio Lower Upper
77 100
182 40.3 7.4 47.4
105 117.7 1.7 41.7#
51 24.0 12.4 52.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 1

Delta R.T. 0.059 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

MOO-25-0224-0225

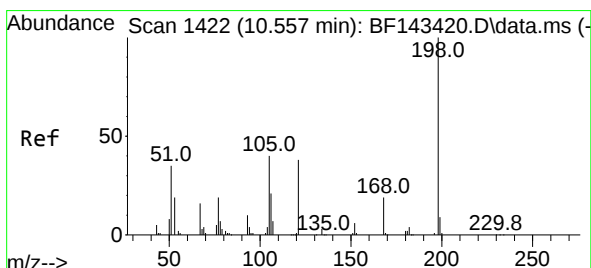
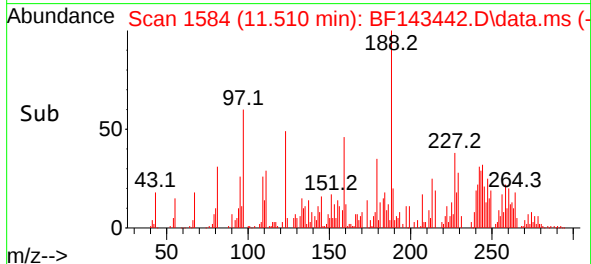
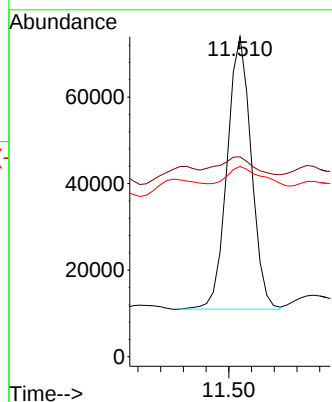
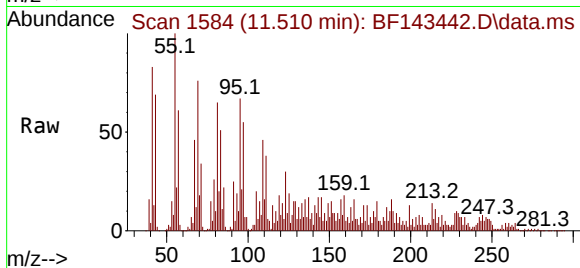
Tgt Ion:188 Resp: 92851

Ion Ratio Lower Upper

188 100

94 62.5 8.0 12.0#

80 59.4 8.6 12.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 4.031 ng

RT: 10.604 min Scan# 1430

Delta R.T. 0.047 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

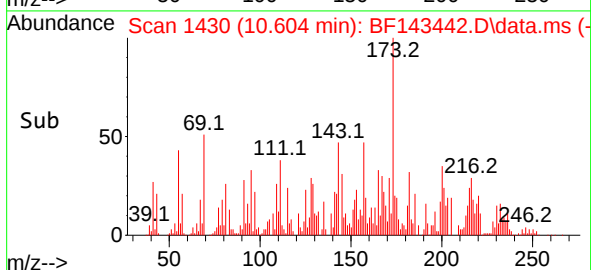
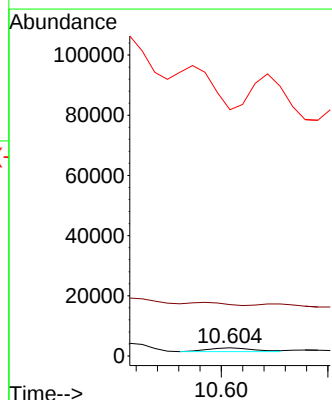
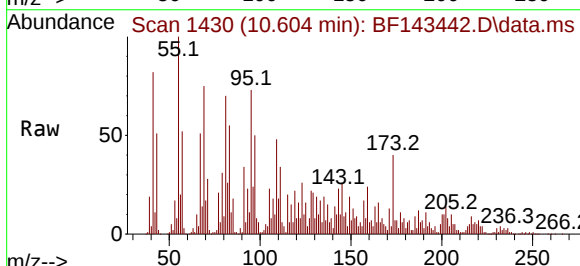
Tgt Ion:198 Resp: 1931

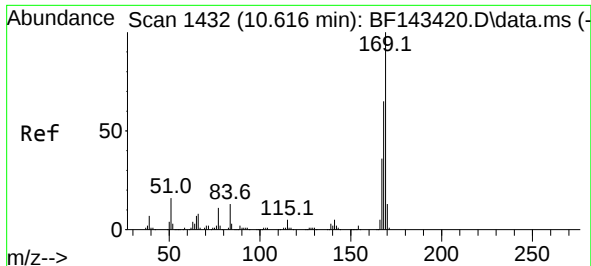
Ion Ratio Lower Upper

198 100

51 632.0 31.2 71.2#

105 3026.4 21.7 61.7#

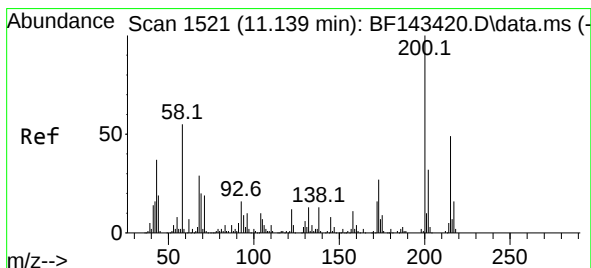
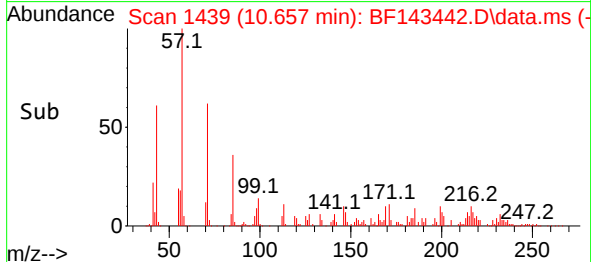
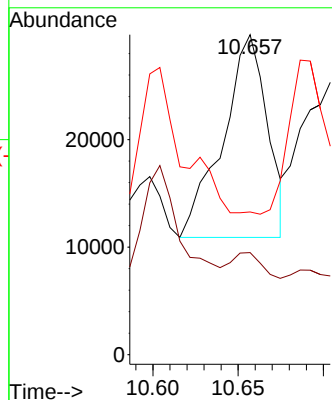
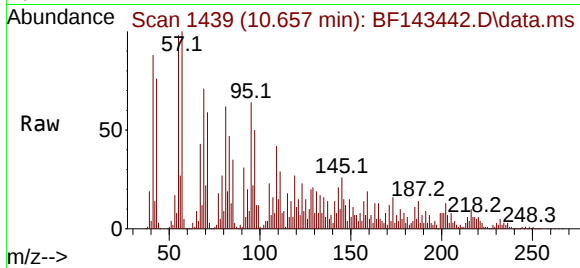




#66
n-Nitrosodiphenylamine
Concen: 11.359 ng
RT: 10.657 min Scan# 1439
Delta R.T. 0.041 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

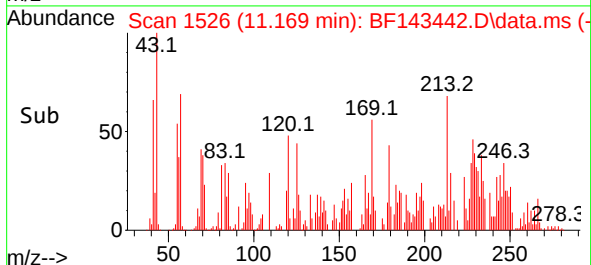
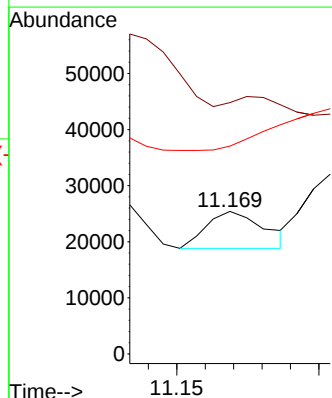
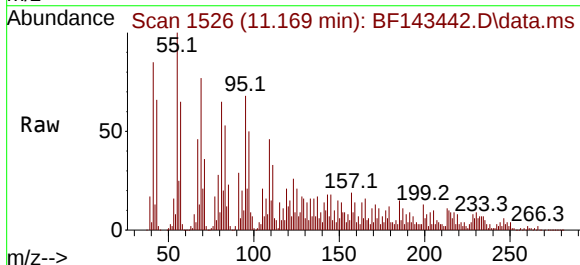
Instrument :
BNA_F
ClientSampleId :
MOO-25-0224-0225

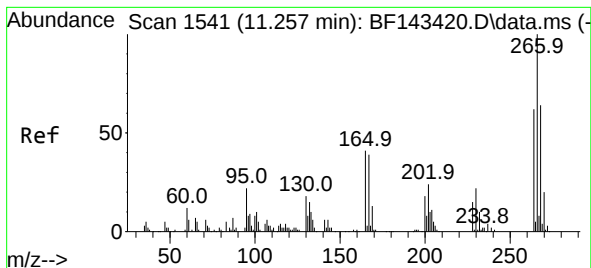
Tgt Ion:169 Resp: 34295
Ion Ratio Lower Upper
169 100
168 31.9 52.5 78.7#
167 44.6 28.6 42.8#



#69
Atrazine
Concen: 10.414 ng
RT: 11.169 min Scan# 1526
Delta R.T. 0.029 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Tgt Ion:200 Resp: 9196
Ion Ratio Lower Upper
200 100
173 176.3 6.6 46.6#
215 145.8 29.5 69.5#





#70

Pentachlorophenol

Concen: 3.441 ng

RT: 11.286 min Scan# 1546

Delta R.T. 0.029 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

MOO-25-0224-0225

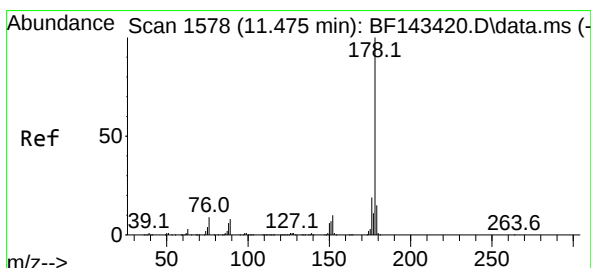
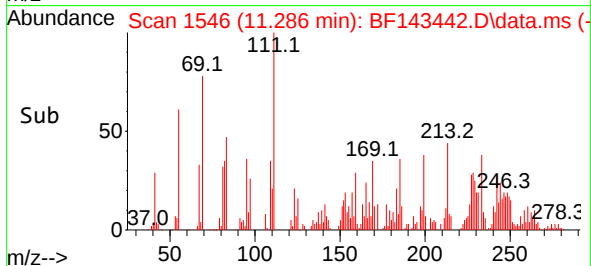
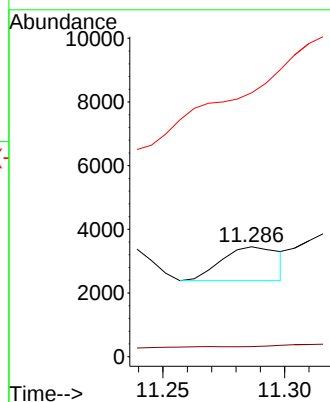
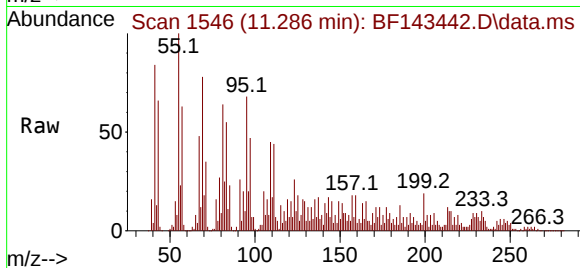
Tgt Ion:266 Resp: 1764

Ion Ratio Lower Upper

266 100

268 9.2 51.0 76.6#

264 240.0 49.3 73.9#



#71

Phenanthrene

Concen: 11.903 ng

RT: 11.533 min Scan# 1588

Delta R.T. 0.059 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

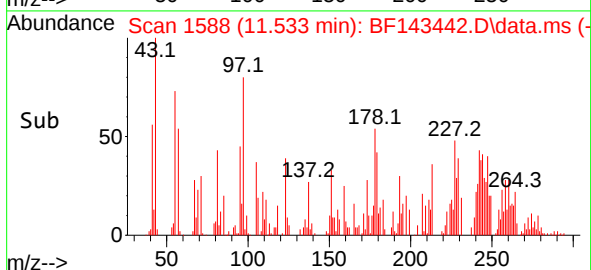
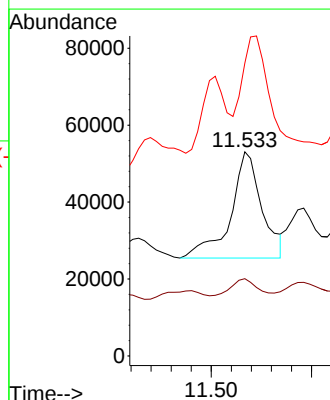
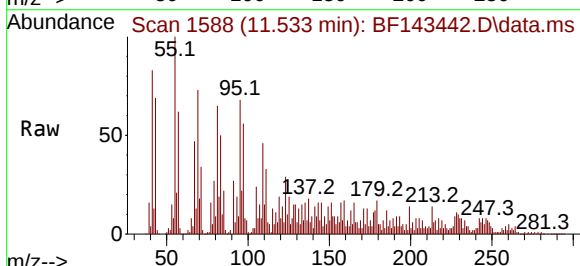
Tgt Ion:178 Resp: 59850

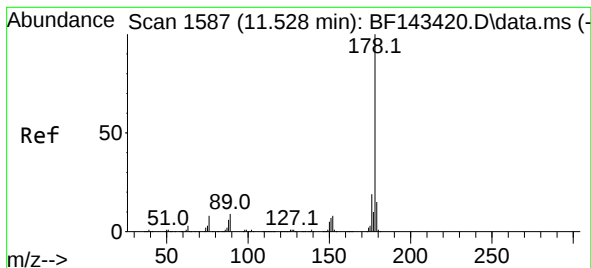
Ion Ratio Lower Upper

178 100

176 37.8 15.4 23.0#

179 143.4 12.3 18.5#





#72

Anthracene

Concen: 4.748 ng

RT: 11.592 min Scan# 1598

Delta R.T. 0.065 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

MOO-25-0224-0225

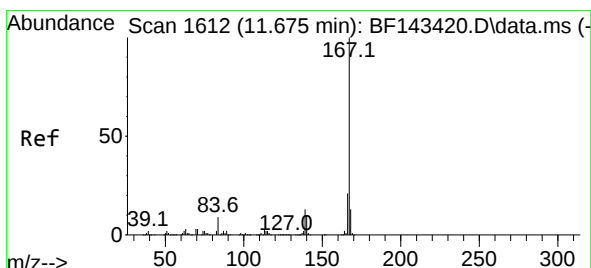
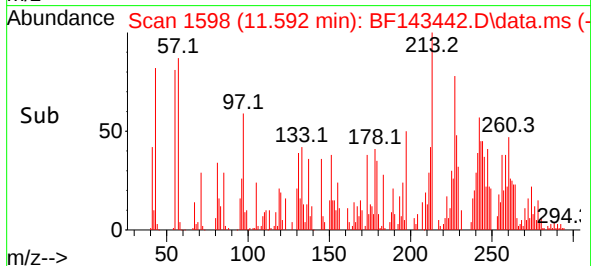
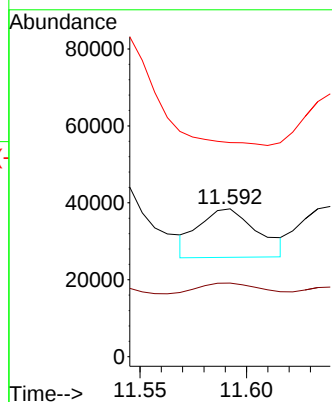
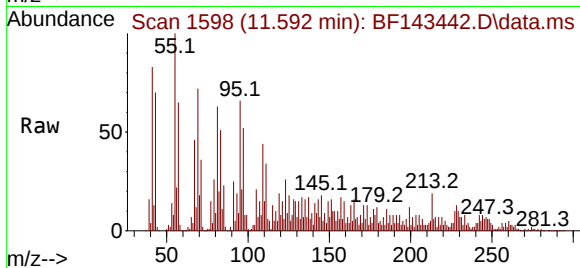
Tgt Ion:178 Resp: 24111

Ion Ratio Lower Upper

178 100

176 49.8 14.8 22.2#

179 144.8 12.2 18.4#



#73

Carbazole

Concen: 2.393 ng

RT: 11.728 min Scan# 1621

Delta R.T. 0.053 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

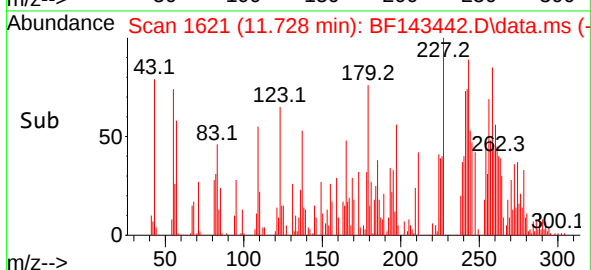
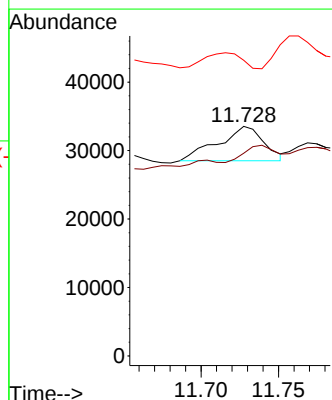
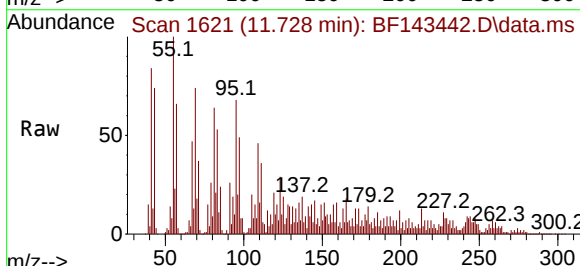
Tgt Ion:167 Resp: 10277

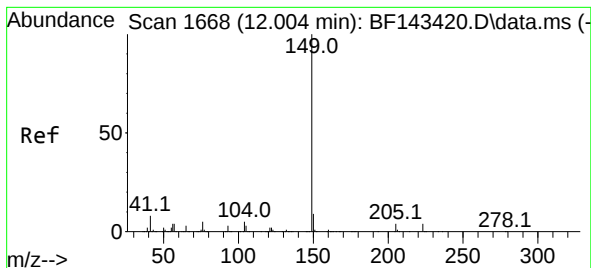
Ion Ratio Lower Upper

167 100

166 88.3 17.2 25.8#

139 128.8 10.1 15.1#





#74

Di-n-butylphthalate

Concen: 14.585 ng

RT: 12.092 min Scan# 1

Delta R.T. 0.088 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

MOO-25-0224-0225

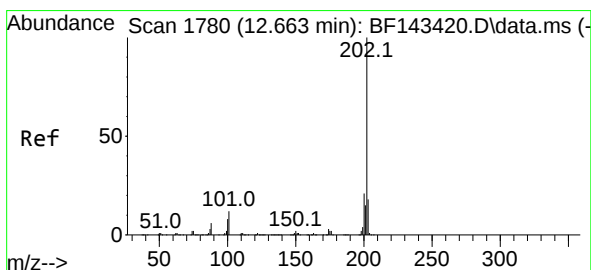
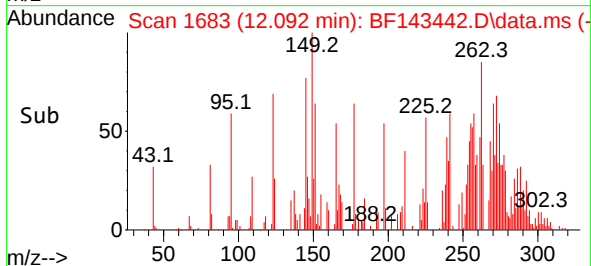
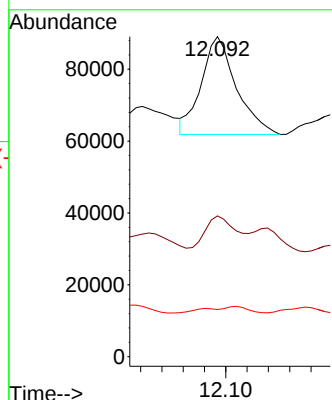
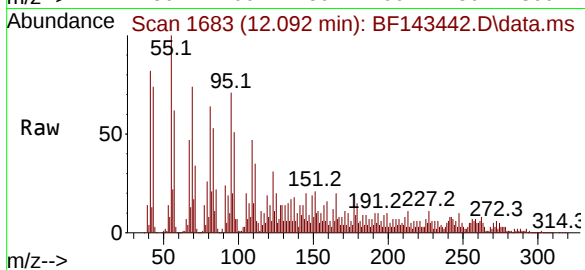
Tgt Ion:149 Resp: 62382

Ion Ratio Lower Upper

149 100

150 44.0 7.3 10.9#

104 14.8 3.8 5.6#



#75

Fluoranthene

Concen: 23.113 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.088 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

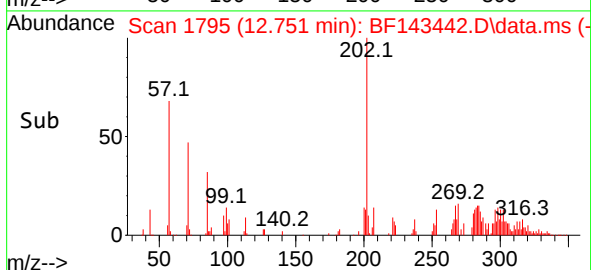
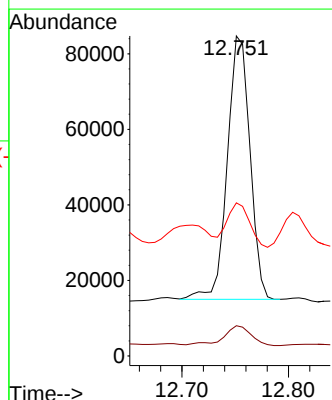
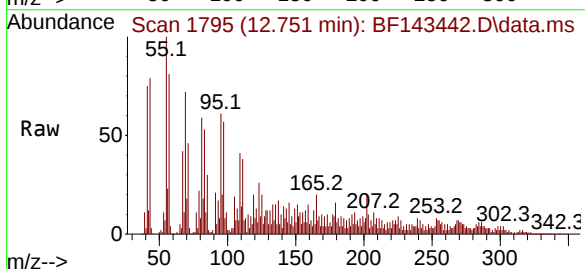
Tgt Ion:202 Resp: 103262

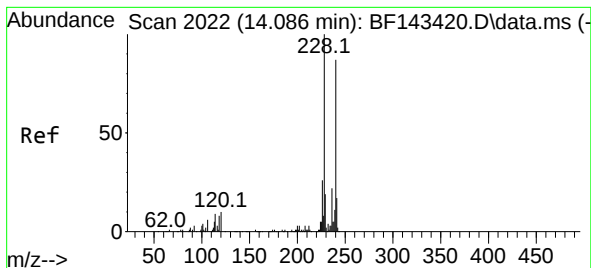
Ion Ratio Lower Upper

202 100

101 9.4 0.0 31.5

203 47.9 0.0 37.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 20

Delta R.T. 0.053 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

MOO-25-0224-0225

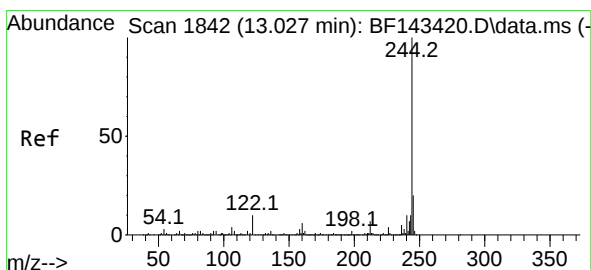
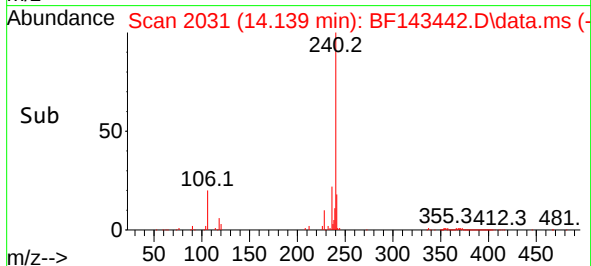
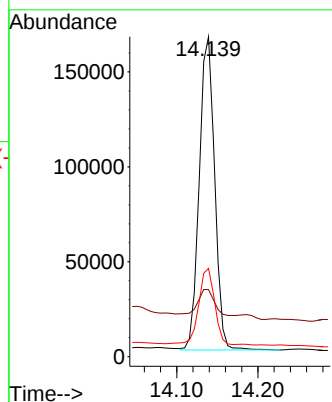
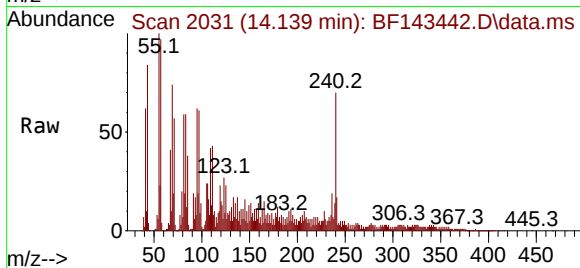
Tgt Ion:240 Resp: 218116

Ion Ratio Lower Upper

240 100

120 21.0 9.0 13.4#

236 27.6 20.2 30.2



#79

Terphenyl-d14

Concen: 9.187 ng

RT: 13.104 min Scan# 1855

Delta R.T. 0.076 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

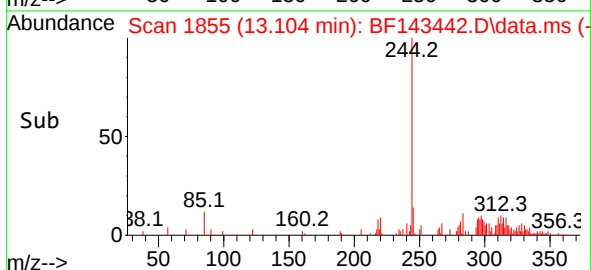
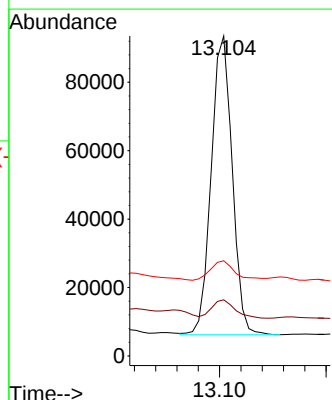
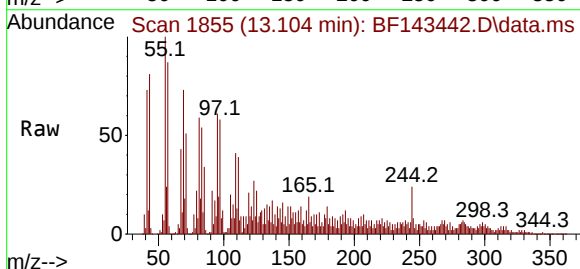
Tgt Ion:244 Resp: 119283

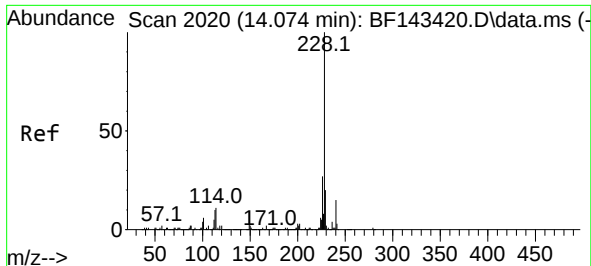
Ion Ratio Lower Upper

244 100

212 17.6 5.2 7.8#

122 29.7 8.3 12.5#

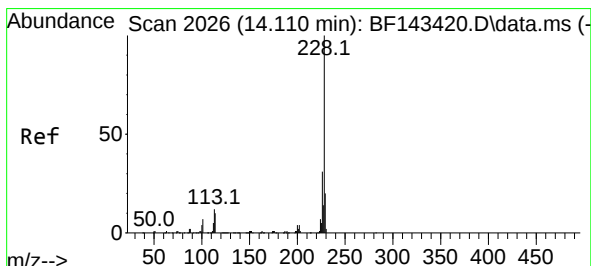
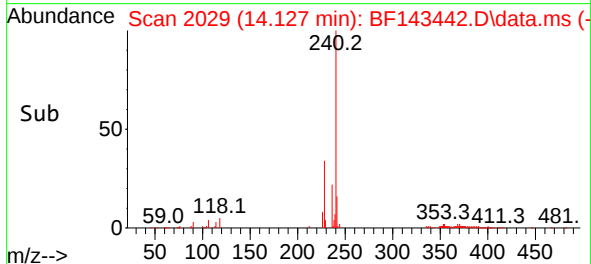
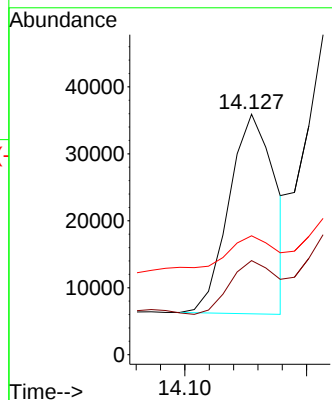
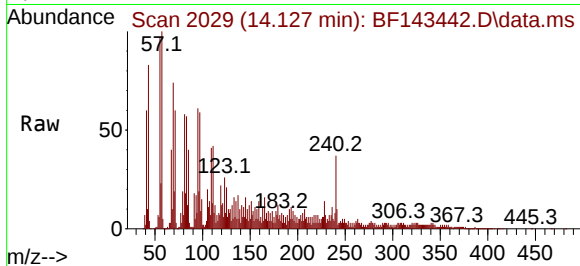




#81
Benzo(a)anthracene
Concen: 2.836 ng
RT: 14.127 min Scan# 2020
Delta R.T. 0.053 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

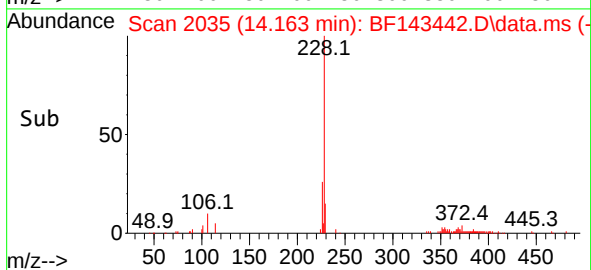
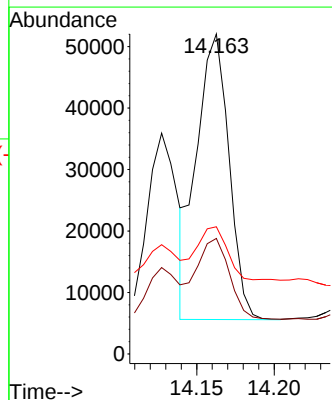
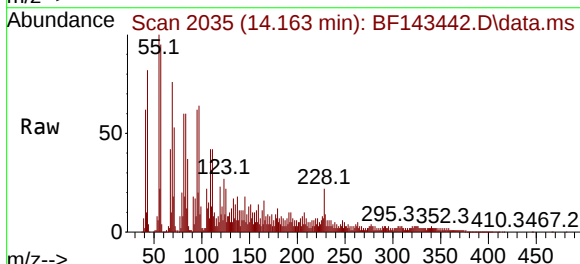
Instrument :
BNA_F
ClientSampleId :
MOO-25-0224-0225

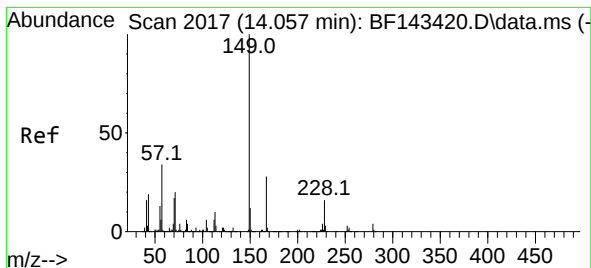
Tgt Ion:228 Resp: 39377
Ion Ratio Lower Upper
228 100
226 39.1 21.5 32.3#
229 49.5 15.7 23.5#



#83
Chrysene
Concen: 5.240 ng
RT: 14.163 min Scan# 2035
Delta R.T. 0.053 min
Lab File: BF143442.D
Acq: 18 Aug 2025 15:34

Tgt Ion:228 Resp: 67264
Ion Ratio Lower Upper
228 100
226 36.1 24.3 36.5
229 39.8 16.1 24.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.709 ng

RT: 14.086 min Scan# 2017

Delta R.T. 0.029 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

MOO-25-0224-0225

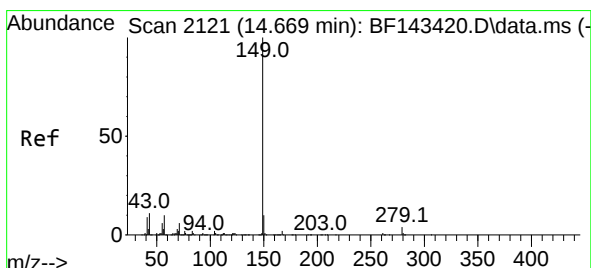
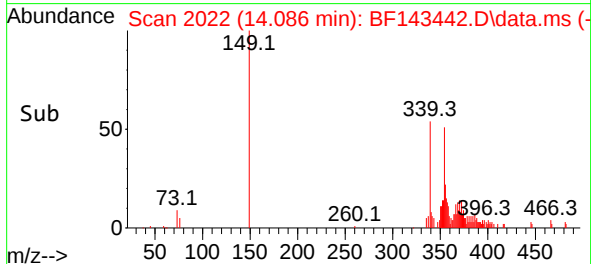
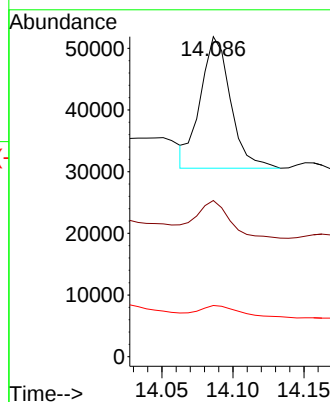
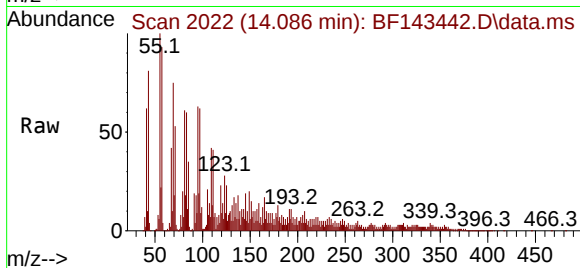
Tgt Ion:149 Resp: 31401

Ion Ratio Lower Upper

149 100

167 48.8 22.6 33.8#

279 16.0 3.5 5.3#



#85

Di-n-octyl phthalate

Concen: 8.270 ng

RT: 14.721 min Scan# 2130

Delta R.T. 0.053 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

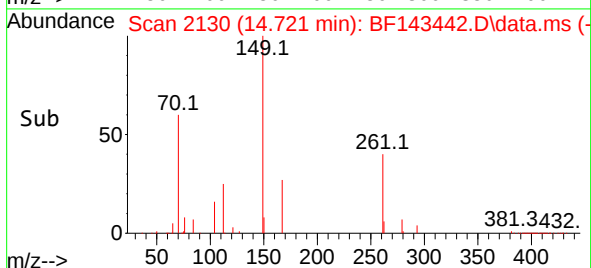
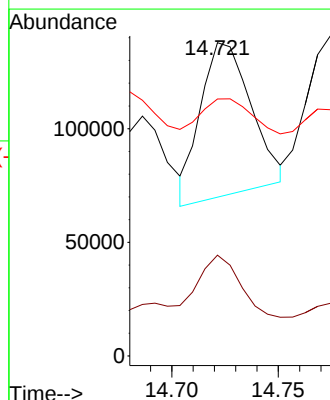
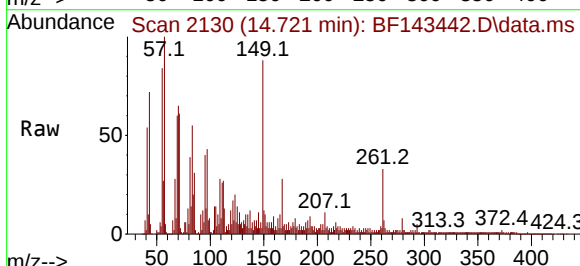
Tgt Ion:149 Resp: 111860

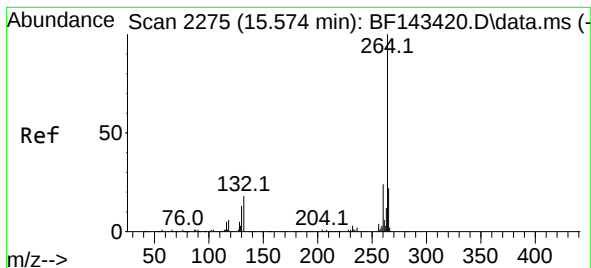
Ion Ratio Lower Upper

149 100

167 43.7 1.2 1.8#

43 21.8 9.0 13.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

MOO-25-0224-0225

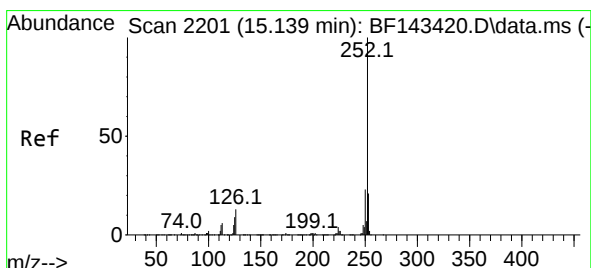
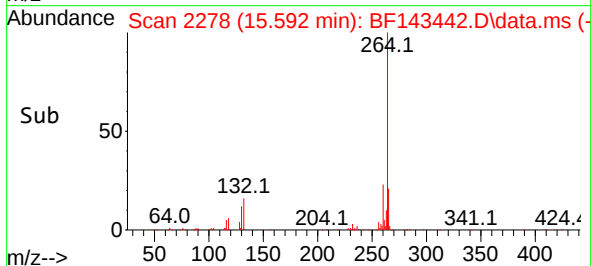
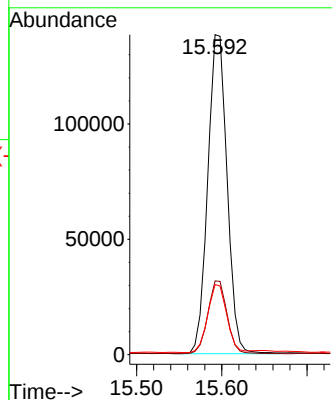
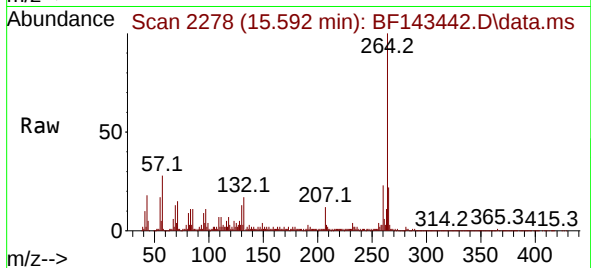
Tgt Ion:264 Resp: 217734

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.9 17.4 26.0



#88

Benzo(b)fluoranthene

Concen: 8.667 ng

RT: 15.163 min Scan# 2205

Delta R.T. 0.023 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

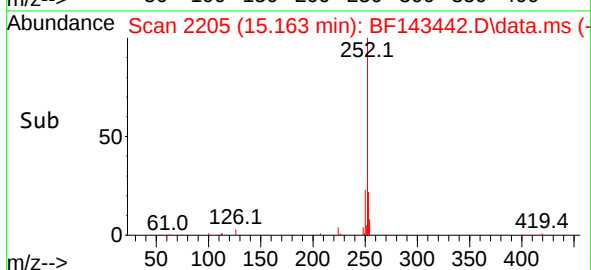
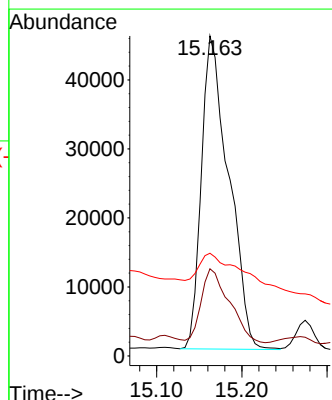
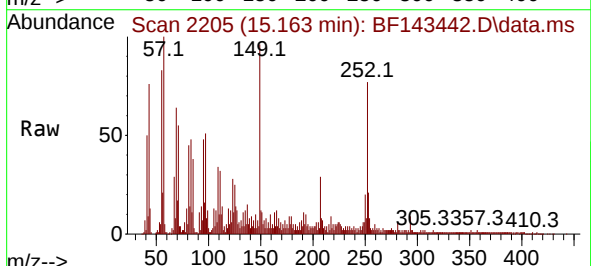
Tgt Ion:252 Resp: 101139

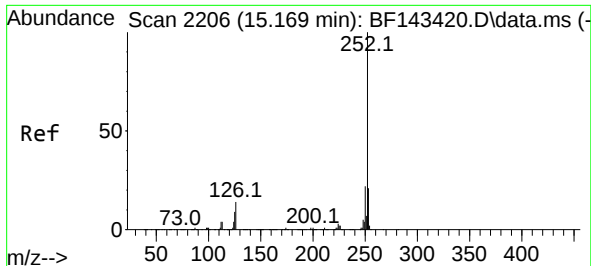
Ion Ratio Lower Upper

252 100

253 27.2 17.1 25.7#

125 32.1 7.5 11.3#





#89

Benzo(k)fluoranthene

Concen: 8.787 ng

RT: 15.163 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Instrument :

BNA_F

ClientSampleId :

MOO-25-0224-0225

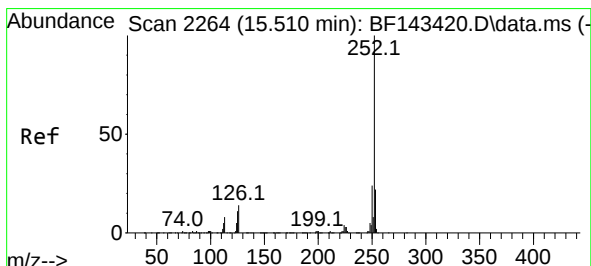
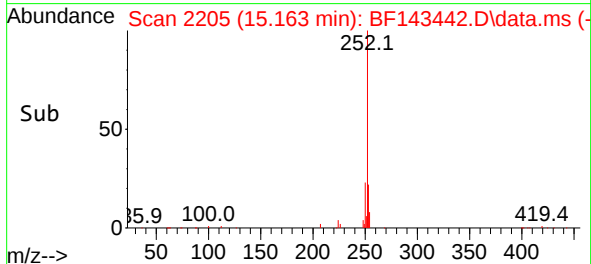
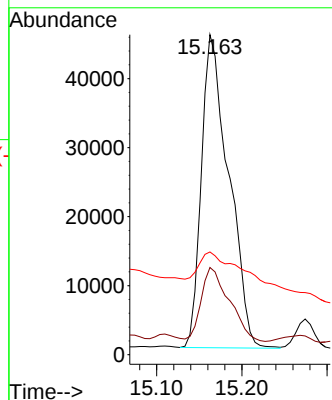
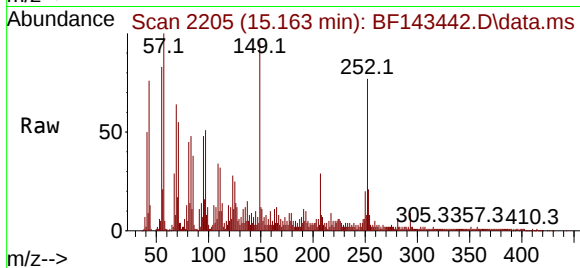
Tgt Ion:252 Resp: 101139

Ion Ratio Lower Upper

252 100

253 27.2 17.2 25.8#

125 32.1 7.4 11.2#



#90

Benzo(a)pyrene

Concen: 2.550 ng

RT: 15.533 min Scan# 2268

Delta R.T. 0.023 min

Lab File: BF143442.D

Acq: 18 Aug 2025 15:34

Tgt Ion:252 Resp: 28344

Ion Ratio Lower Upper

252 100

253 27.7 17.4 26.2#

125 43.8 8.6 12.8#

