

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142627.D
 Acq On : 05 Jun 2025 11:35
 Operator : RC/JU
 Sample : Q2181-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 12:03:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	109688	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	418247	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	223750	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	374727	20.000	ng	0.00
76) Chrysene-d12	14.069	240	200432	20.000	ng	0.00
86) Perylene-d12	15.563	264	211446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	887804	136.363	ng	0.00
7) Phenol-d6	6.528	99	1093853	139.571	ng	0.00
23) Nitrobenzene-d5	7.457	82	666482	86.892	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	363560	146.399	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1417378	85.002	ng	-0.01
79) Terphenyl-d14	13.010	244	1253425	85.458	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.545	93	21143	2.006	ng	# 1
8) 2-Chlorophenol	6.681	128	593854	83.742	ng	99
9) Benzaldehyde	6.545	77	9881	2.096	ng	# 1
10) Phenol	6.545	94	982073	111.365	ng	94
15) Benzyl Alcohol	7.140	79	102059	17.622	ng	# 1
17) 2-Methylphenol	7.140	107	237778	42.946	ng	98
19) n-Nitroso-di-n-propyla...	7.457	70	88664	18.254	ng	# 76
20) 3+4-Methylphenols	7.304	107	571942	80.667	ng	# 57
24) Nitrobenzene	7.304	77	195809	28.305	ng	# 42
25) Isophorone	7.457	82	635843	49.582	ng	# 63
26) 2-Nitrophenol	7.798	139	240475	65.056	ng	95
27) 2,4-Dimethylphenol	7.828	122	298155	45.738	ng	98
29) 2,4-Dichlorophenol	8.034	162	580208	97.872	ng	99
31) Naphthalene	8.263	128	48730	2.366	ng	# 80
32) Benzoic acid	7.828	122	298155	75.138	ng	# 13
35) Caprolactam	8.722	113	18777	11.278	ng	# 17
36) 4-Chloro-3-methylphenol	8.722	107	658201	108.337	ng	99
37) 2-Methylnaphthalene	8.728	142	542613	41.880	ng	# 17
38) 1-Methylnaphthalene	8.728	142	529475	39.508	ng	# 15
43) 2,4,6-Trichlorophenol	9.210	196	699257	161.451	ng	98
44) 2,4,5-Trichlorophenol	9.210	196	699257	153.086	ng	98
51) 2,6-Dinitrotoluene	9.933	165	29163	9.152	ng	# 27
52) Acenaphthene	9.998	154	155101	11.729	ng	# 5
53) 3-Nitroaniline	9.998	138	7569	2.175	ng	# 1
54) 2,4-Dinitrophenol	9.998	184	259674	157.736	ng	92
55) Dibenzofuran	10.263	168	93279	4.902	ng	# 45
56) 4-Nitrophenol	10.051	139	281796	109.733	ng	97
58) Fluorene	10.263	166	94508	6.428	ng	# 11
59) 2,3,4,6-Tetrachlorophenol	10.263	232	320299	83.997	ng	99
63) Azobenzene	10.533	77	68794	5.312	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.533	198	333642	159.541	ng	97
67) 4-Bromophenyl-phenylether	10.728	248	22124	4.993	ng	# 1
69) Atrazine	11.227	200	33827	9.935	ng	# 35
70) Pentachlorophenol	11.227	266	195305	70.588	ng	98
77) Benzidine	13.010	184	15071	2.021	ng	# 94

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Misc :
ALS Vial : 4 Sample Multiplier: 1

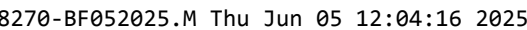
Instrument :
BNA_F
ClientSampleId :

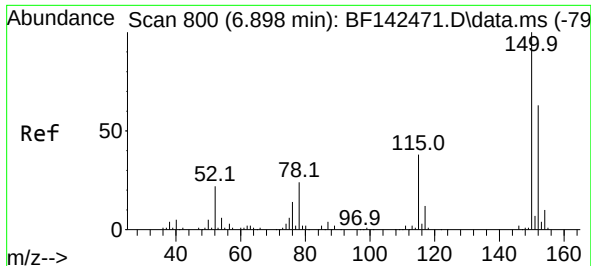
Quant Time: Jun 05 12:03:44 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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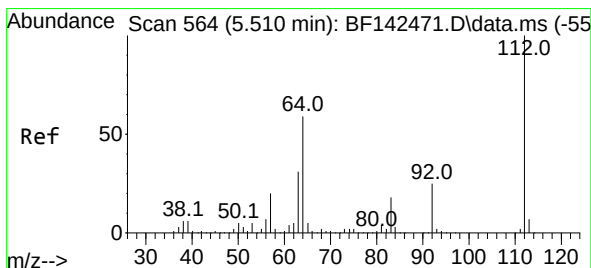
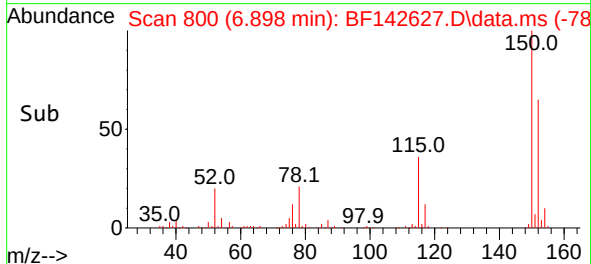
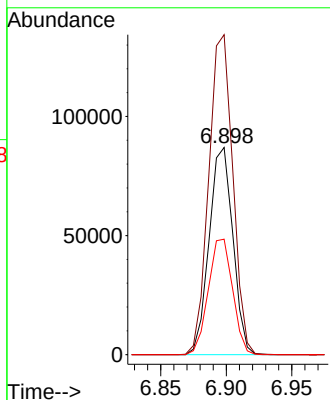
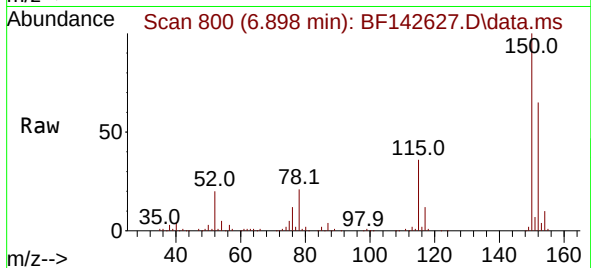




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142627.D
 Acq: 05 Jun 2025 11:35

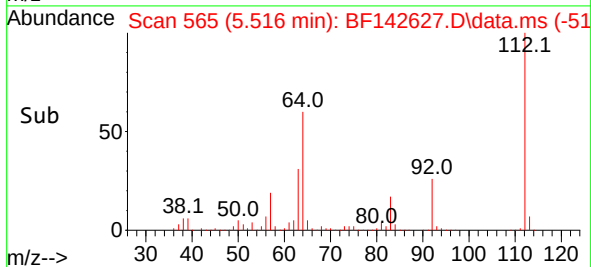
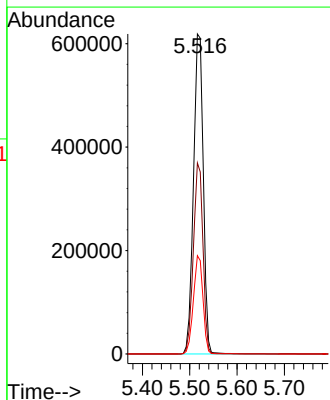
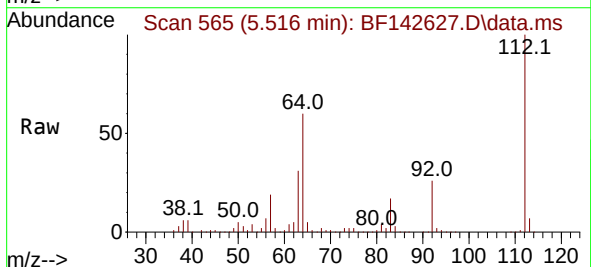
Instrument :
 BNA_F
 ClientSampleId :

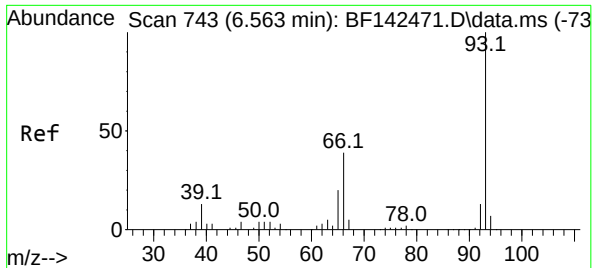
Tgt Ion:152 Resp: 109688
 Ion Ratio Lower Upper
 152 100
 150 154.4 128.2 192.4
 115 55.7 48.3 72.5



#5
 2-Fluorophenol
 Concen: 136.363 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: BF142627.D
 Acq: 05 Jun 2025 11:35

Tgt Ion:112 Resp: 887804
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.5 71.3
 63 30.7 24.9 37.3

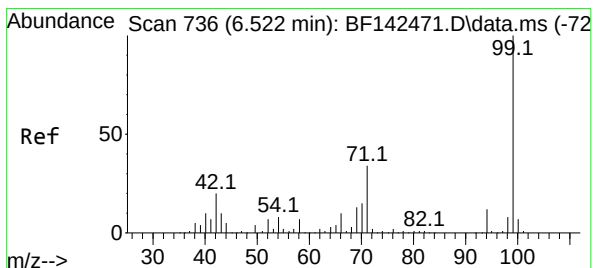
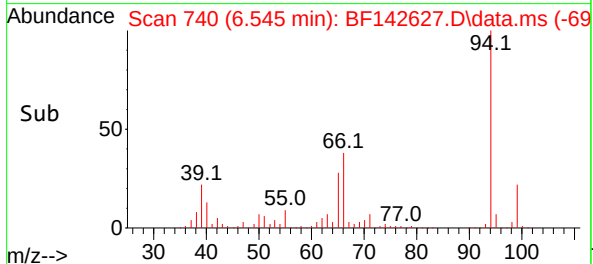
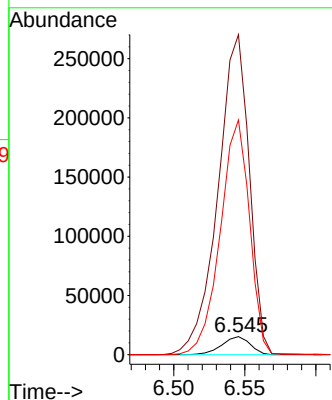
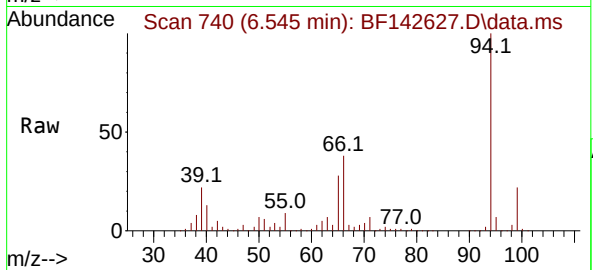




#6
Aniline
Concen: 2.006 ng
RT: 6.545 min Scan# 74
Delta R.T. -0.023 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

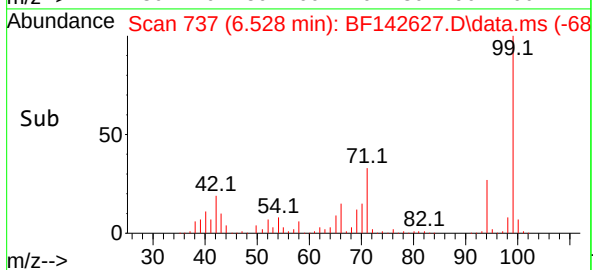
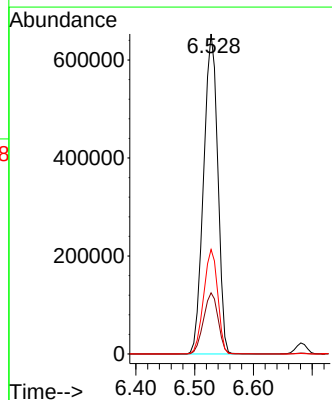
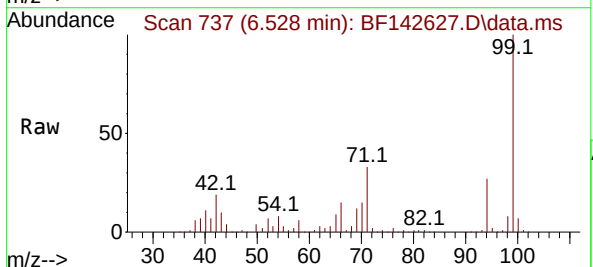
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ClientSampleId :

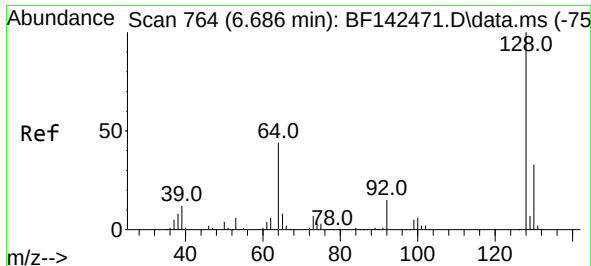
Tgt Ion: 93 Resp: 21143
Ion Ratio Lower Upper
93 100
66 1765.0 32.0 48.0#
65 1294.7 16.1 24.1#



#7
Phenol-d6
Concen: 139.571 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion: 99 Resp: 1093853
Ion Ratio Lower Upper
99 100
42 19.1 16.2 24.2
71 32.7 27.3 40.9

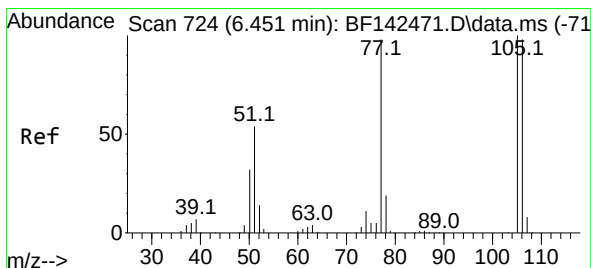
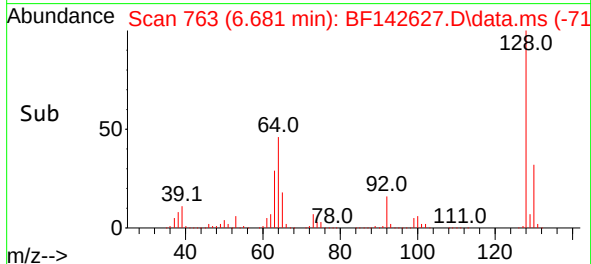
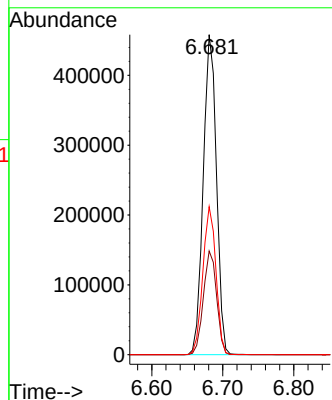
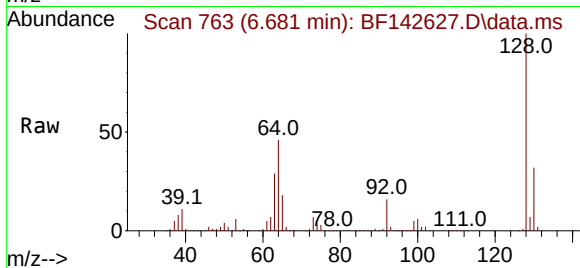




#8
2-Chlorophenol
Concen: 83.742 ng
RT: 6.681 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

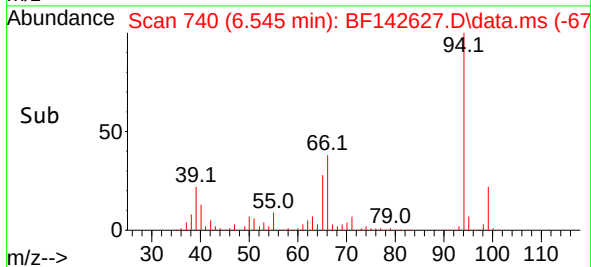
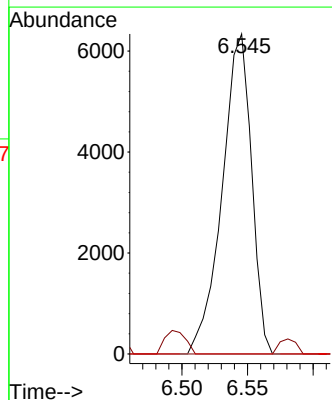
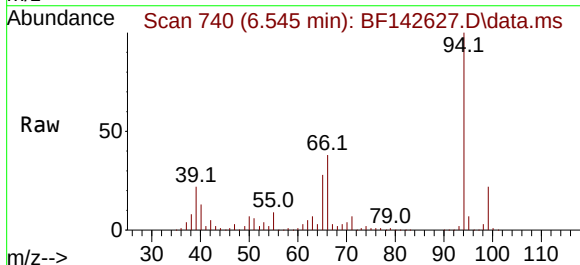
Instrument :
BNA_F
ClientSampleId :

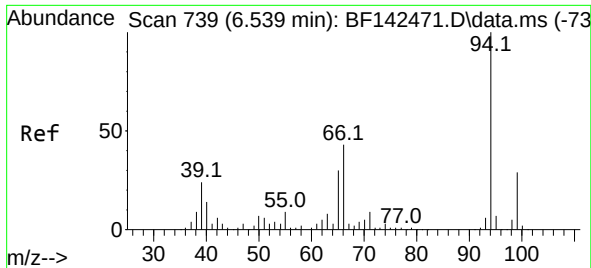
Tgt Ion:128 Resp: 593854
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 46.2 25.1 65.1



#9
Benzaldehyde
Concen: 2.096 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.094 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion: 77 Resp: 9881
Ion Ratio Lower Upper
77 100
105 0.0 82.5 122.5#
106 0.0 80.0 120.0#

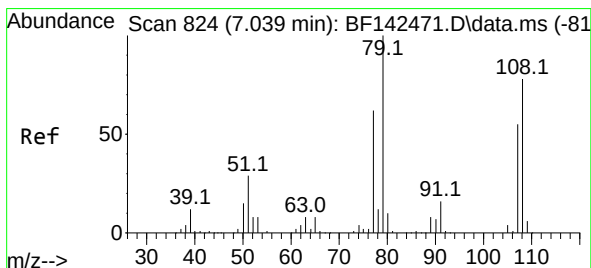
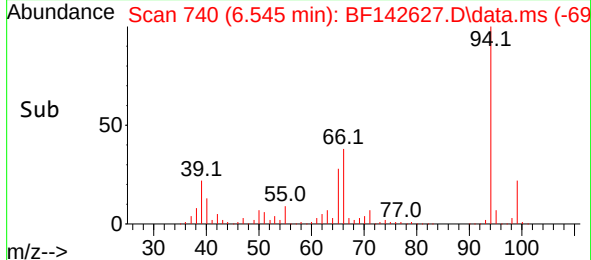
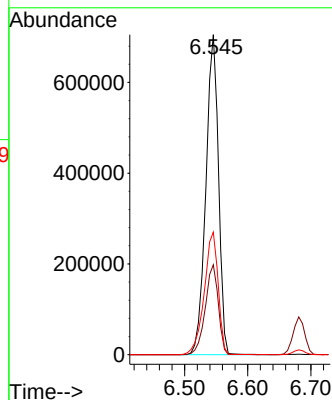
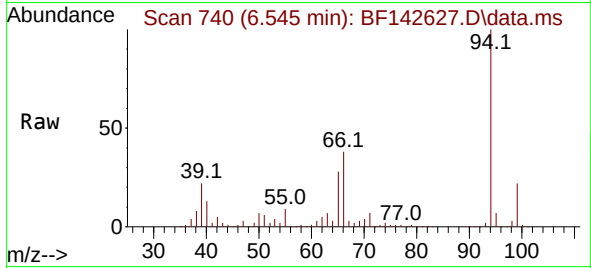




#10
Phenol
Concen: 111.365 ng
RT: 6.545 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

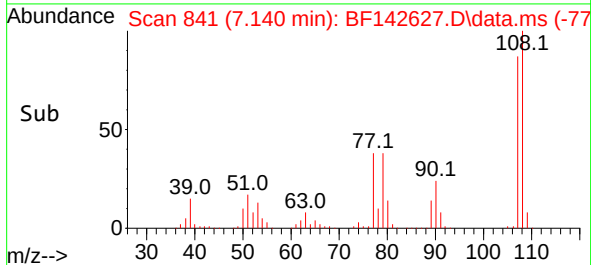
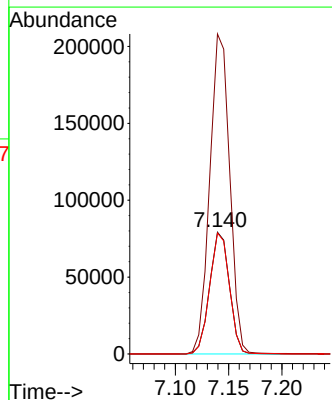
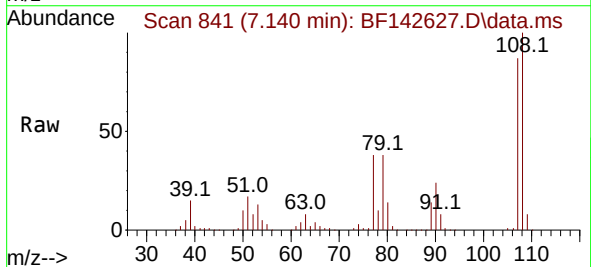
Instrument :
BNA_F
ClientSampleId :

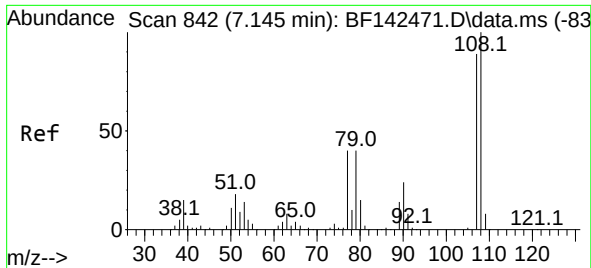
Tgt Ion: 94 Resp: 982073
Ion Ratio Lower Upper
94 100
65 28.1 10.3 50.3
66 38.3 22.6 62.6



#15
Benzyl Alcohol
Concen: 17.622 ng
RT: 7.140 min Scan# 841
Delta R.T. 0.094 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

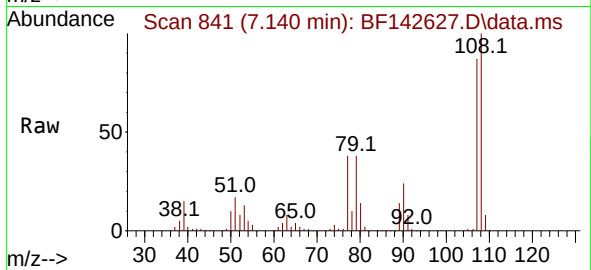
Tgt Ion: 79 Resp: 102059
Ion Ratio Lower Upper
79 100
108 262.9 62.1 93.1#
77 99.4 49.5 74.3#



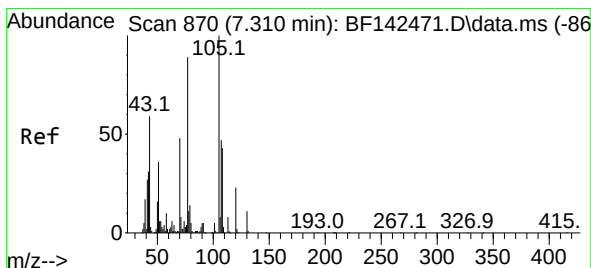
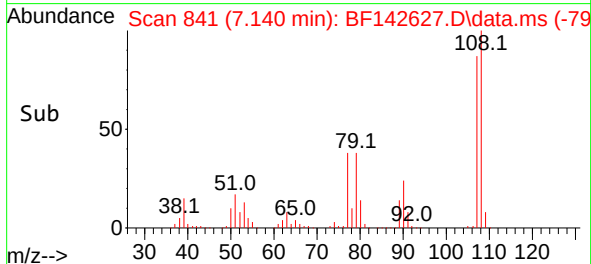
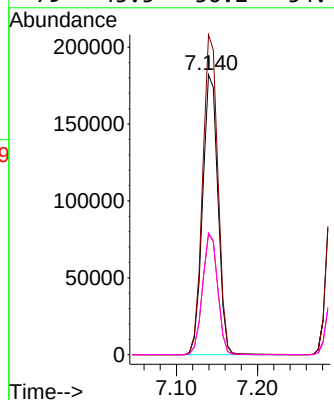


#17
2-Methylphenol
Concen: 42.946 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :

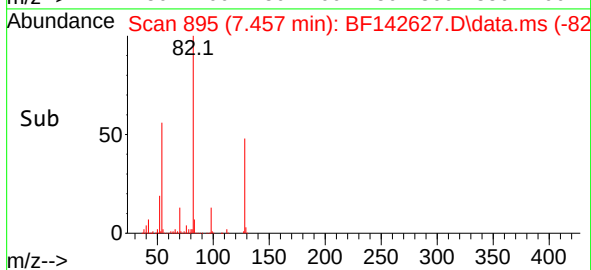
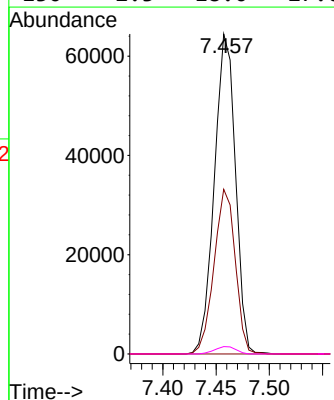
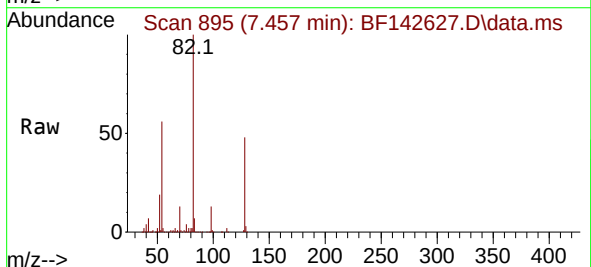


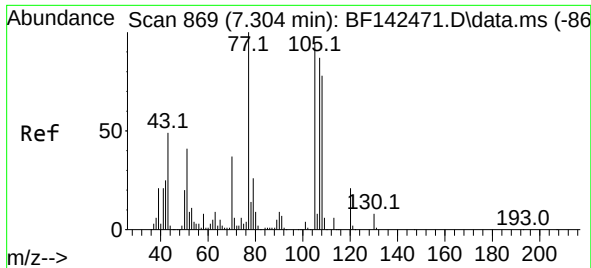
Tgt Ion:107 Resp: 237778
Ion Ratio Lower Upper
107 100
108 114.3 90.2 135.2
77 43.2 36.1 54.1
79 43.5 36.2 54.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.254 ng
RT: 7.457 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

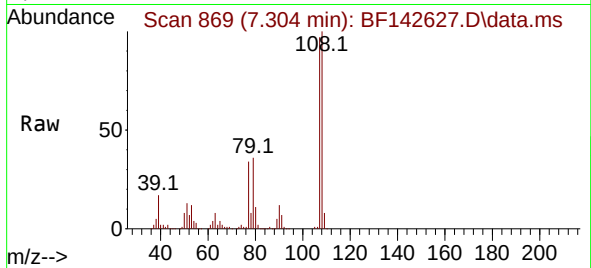
Tgt Ion: 70 Resp: 88664
Ion Ratio Lower Upper
70 100
42 51.4 52.4 78.6#
101 0.0 7.8 11.8#
130 2.3 18.0 27.0#



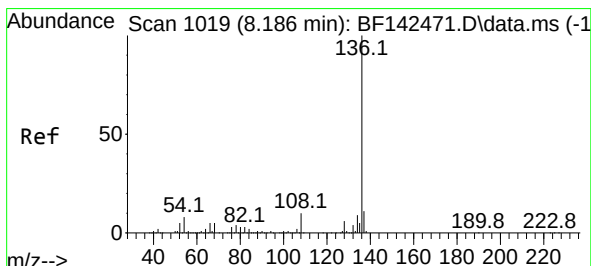
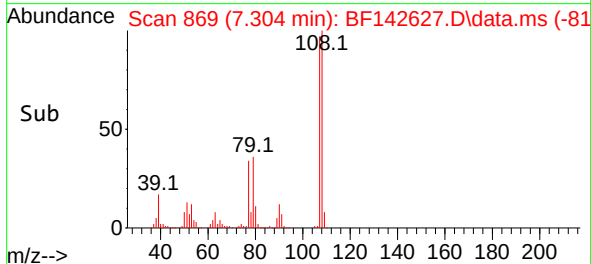
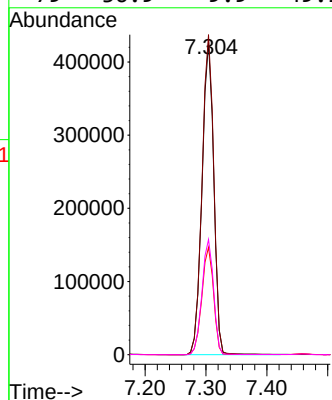


#20
3+4-Methylphenols
Concen: 80.667 ng
RT: 7.304 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :

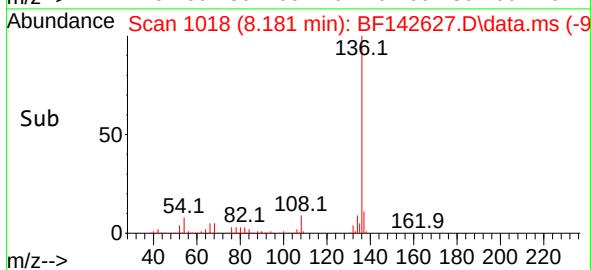
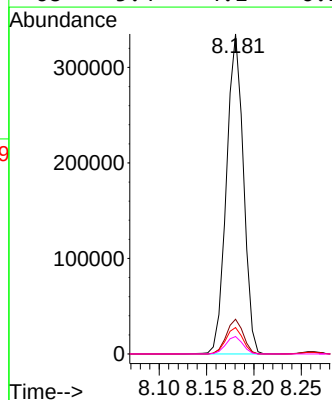
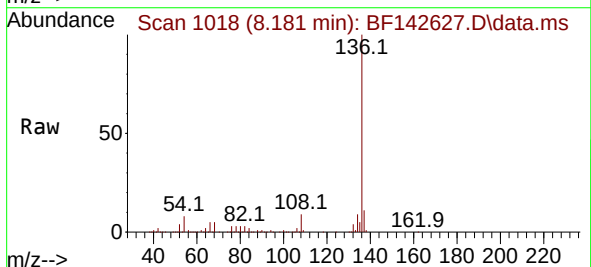


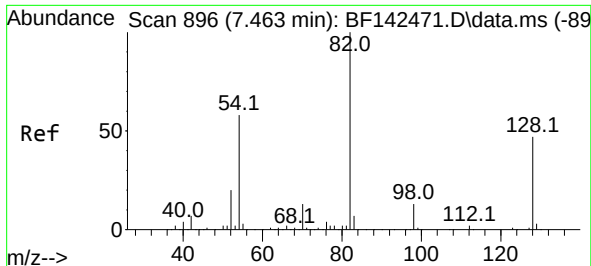
Tgt Ion:	107	Resp:	571942
Ion	Ratio	Lower	Upper
107	100		
108	102.6	70.4	110.4
77	34.4	95.4	135.4#
79	36.9	9.9	49.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:	136	Resp:	418247
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.2	6.6	10.0
68	5.4	4.1	6.1





#23

Nitrobenzene-d5

Concen: 86.892 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

Instrument :

BNA_F

ClientSampleId :

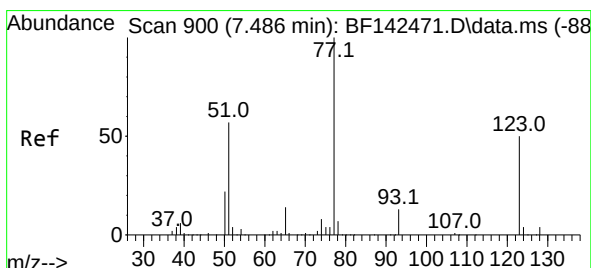
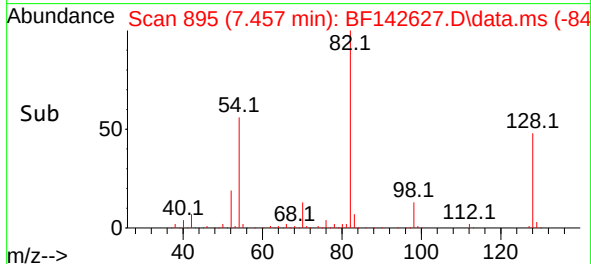
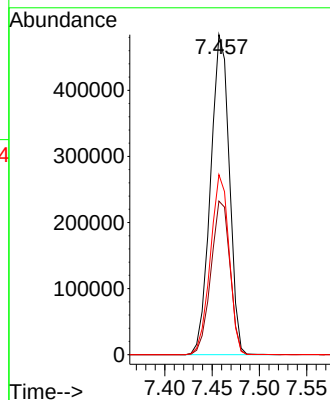
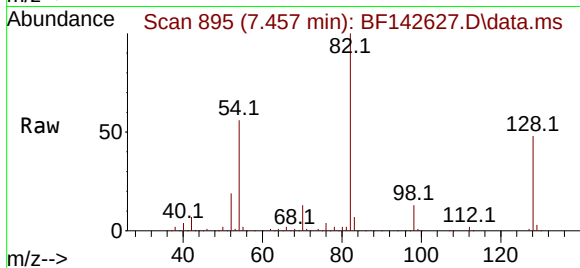
Tgt Ion: 82 Resp: 666482

Ion Ratio Lower Upper

82 100

128 48.0 37.4 56.2

54 56.2 46.6 70.0



#24

Nitrobenzene

Concen: 28.305 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.188 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

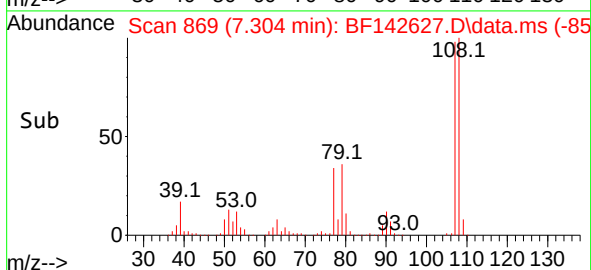
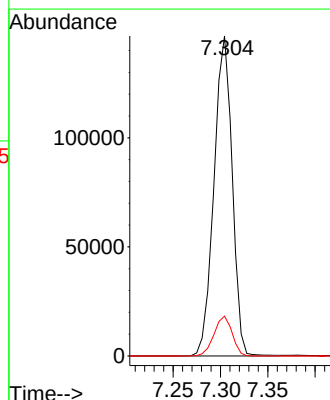
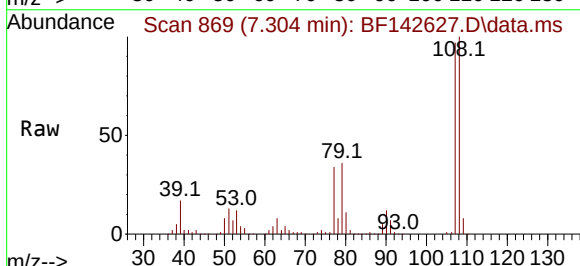
Tgt Ion: 77 Resp: 195809

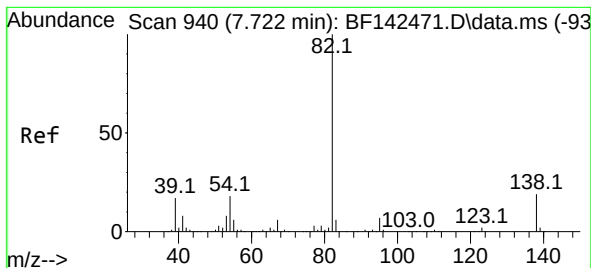
Ion Ratio Lower Upper

77 100

123 0.0 40.6 61.0#

65 12.4 11.4 17.2





#25

Isophorone

Concen: 49.582 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.276 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

Instrument :

BNA_F

ClientSampleId :

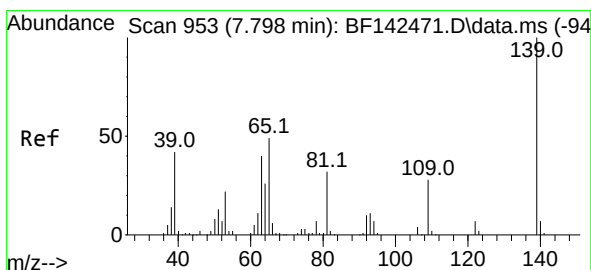
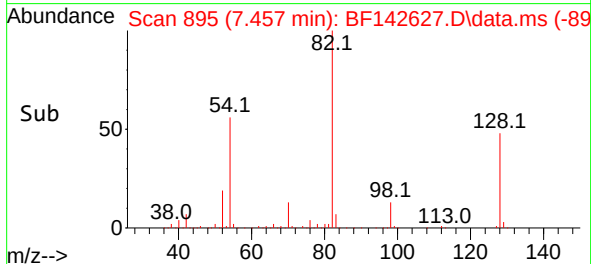
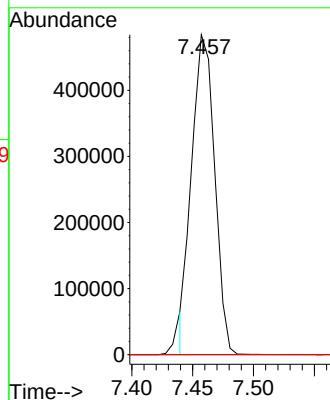
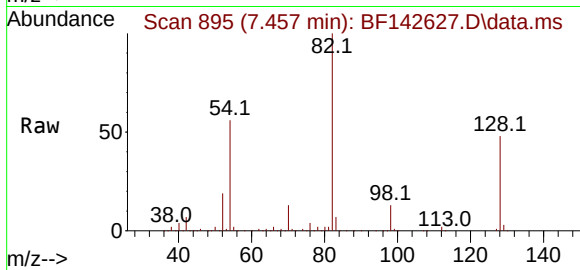
Tgt Ion: 82 Resp: 635843

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 15.5 23.3#



#26

2-Nitrophenol

Concen: 65.056 ng

RT: 7.798 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

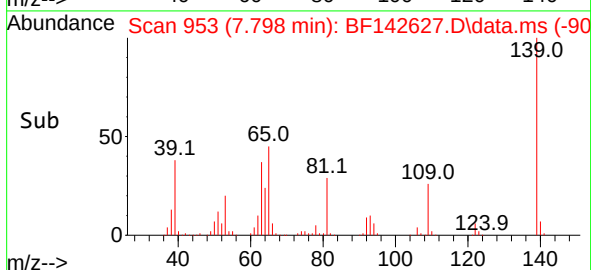
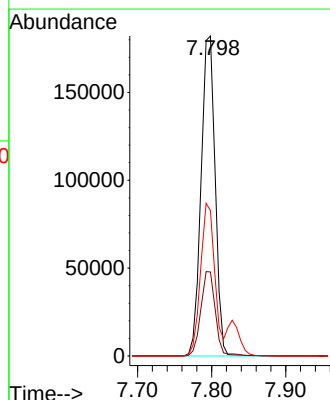
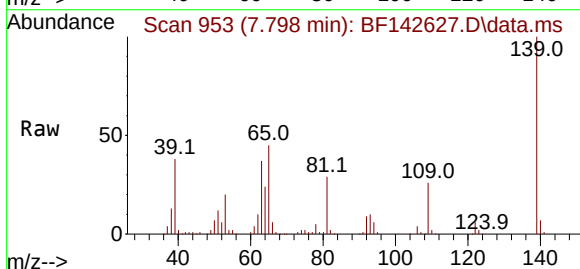
Tgt Ion:139 Resp: 240475

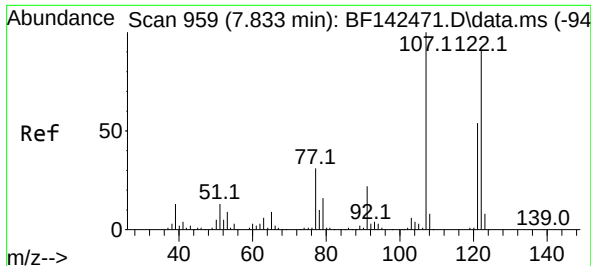
Ion Ratio Lower Upper

139 100

109 26.3 22.6 33.8

65 45.4 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 45.738 ng

RT: 7.828 min Scan# 91

Delta R.T. -0.012 min

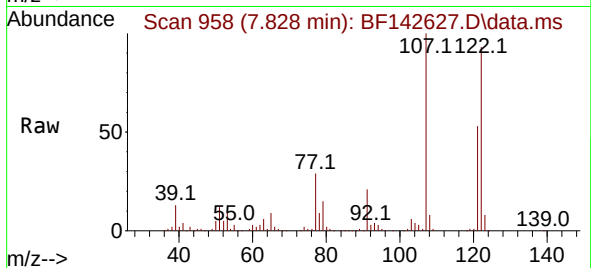
Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

Instrument :

BNA_F

ClientSampleId :



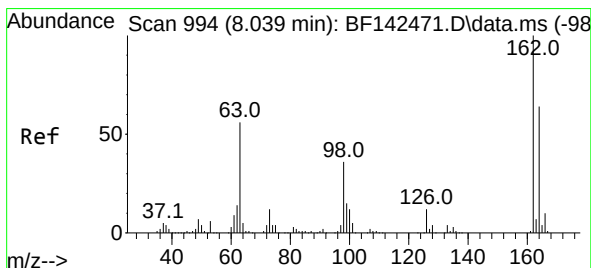
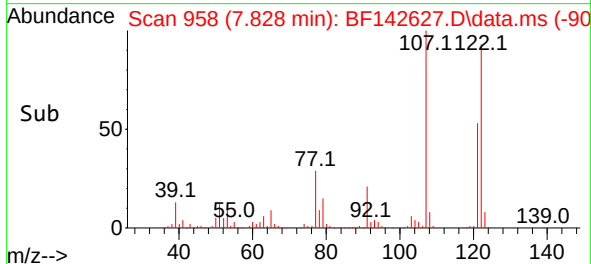
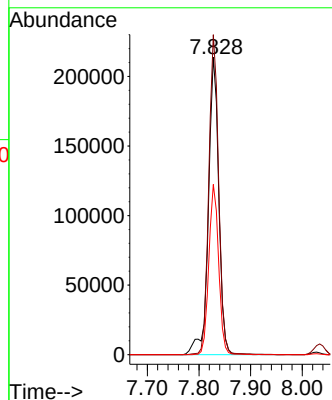
Tgt Ion:122 Resp: 298155

Ion Ratio Lower Upper

122 100

107 107.5 88.1 132.1

121 57.2 47.3 70.9



#29

2,4-Dichlorophenol

Concen: 97.872 ng

RT: 8.034 min Scan# 993

Delta R.T. -0.012 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

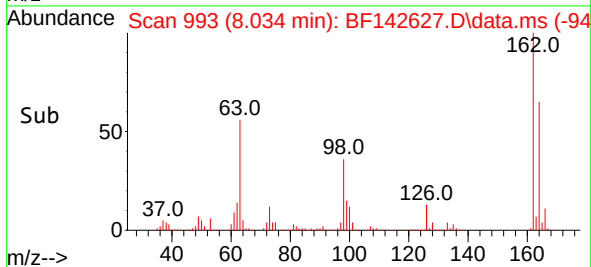
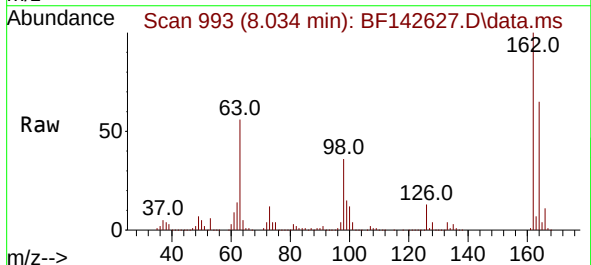
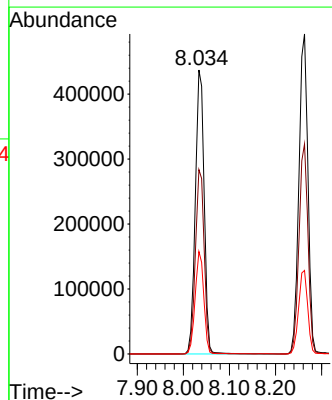
Tgt Ion:162 Resp: 580208

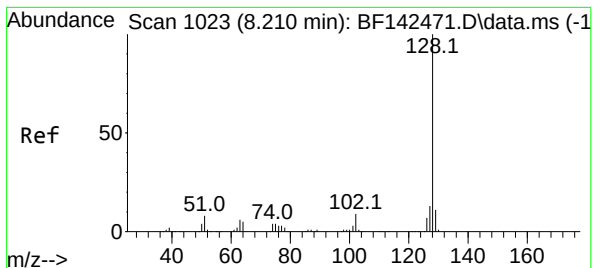
Ion Ratio Lower Upper

162 100

164 64.9 43.7 83.7

98 36.0 15.5 55.5





#31

Naphthalene

Concen: 2.366 ng

RT: 8.263 min Scan# 10

Delta R.T. 0.053 min

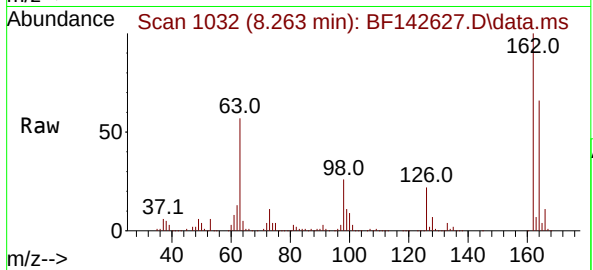
Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

Instrument :

BNA_F

ClientSampleId :



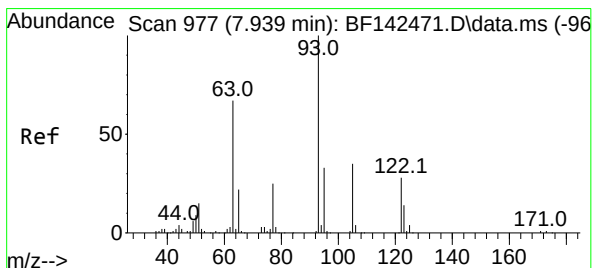
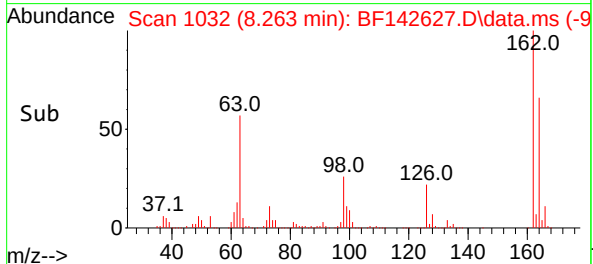
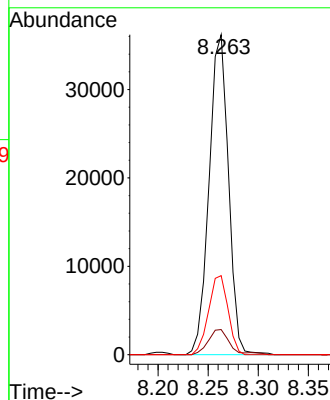
Tgt Ion:128 Resp: 48730

Ion Ratio Lower Upper

128 100

129 7.9 8.9 13.3#

127 24.7 10.5 15.7#



#32

Benzoic acid

Concen: 75.138 ng

RT: 7.828 min Scan# 958

Delta R.T. -0.147 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

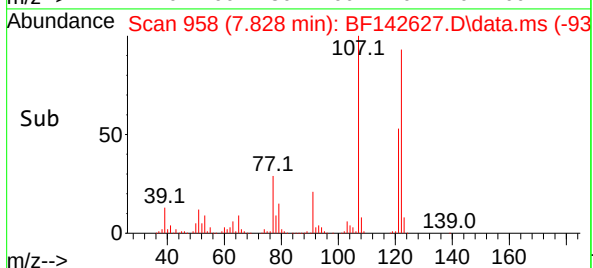
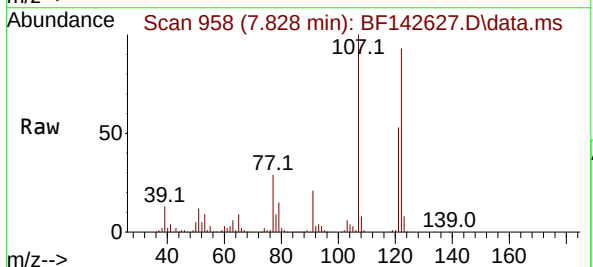
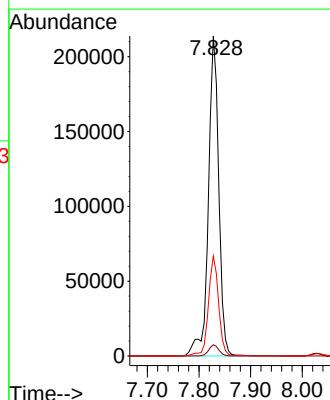
Tgt Ion:122 Resp: 298155

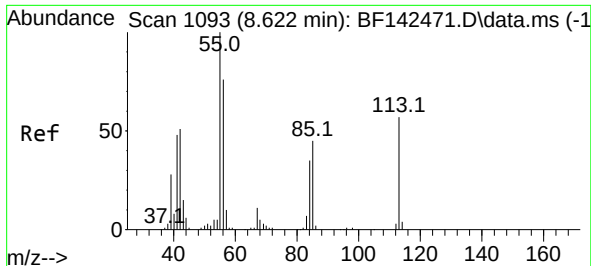
Ion Ratio Lower Upper

122 100

105 3.5 101.7 141.7#

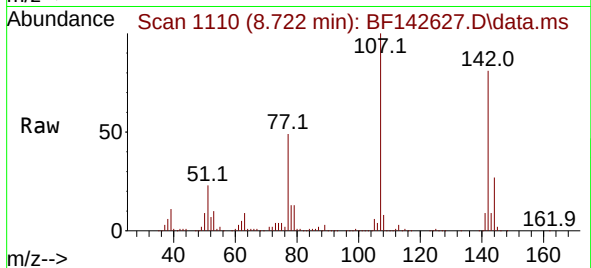
77 31.2 69.5 109.5#



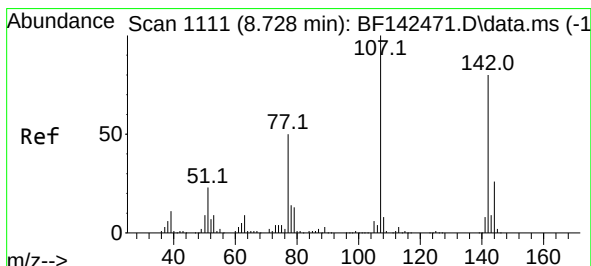
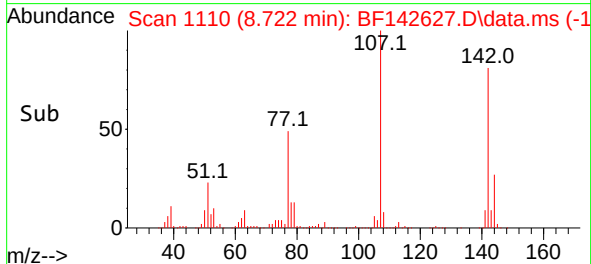
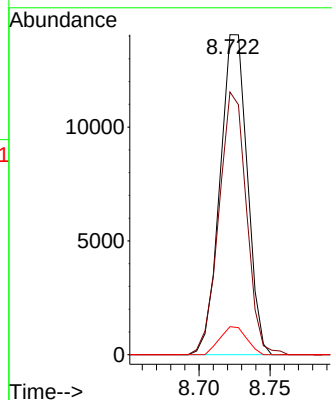


#35
 Caprolactam
 Concen: 11.278 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. 0.077 min
 Lab File: BF142627.D
 Acq: 05 Jun 2025 11:35

Instrument :
 BNA_F
 ClientSampleId :

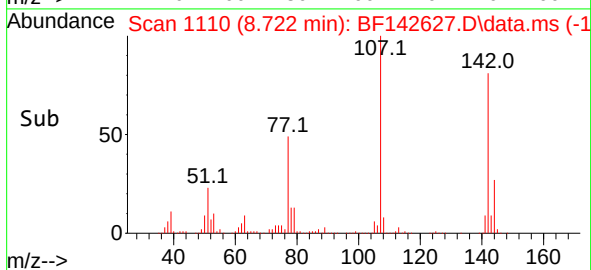
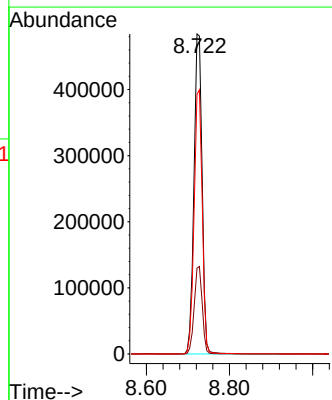
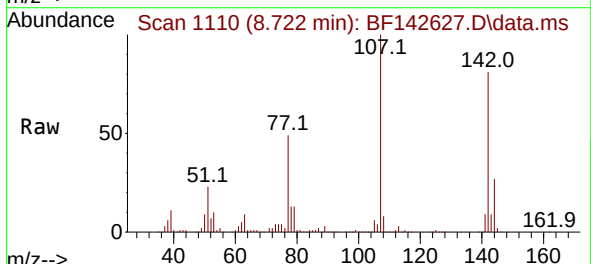


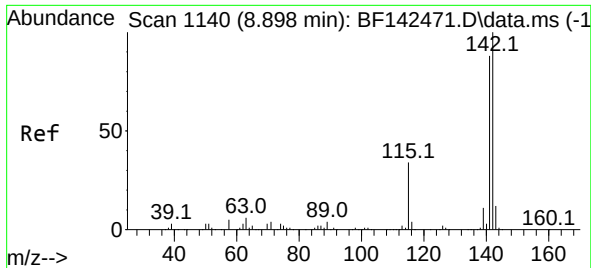
Tgt Ion:113 Resp: 18777
 Ion Ratio Lower Upper
 113 100
 55 82.1 154.7 194.7#
 56 8.8 113.2 153.2#



#36
 4-Chloro-3-methylphenol
 Concen: 108.337 ng
 RT: 8.722 min Scan# 1110
 Delta R.T. -0.018 min
 Lab File: BF142627.D
 Acq: 05 Jun 2025 11:35

Tgt Ion:107 Resp: 658201
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.9 31.3
 142 81.1 64.2 96.2





#37

2-Methylnaphthalene

Concen: 41.880 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.170 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

Instrument :

BNA_F

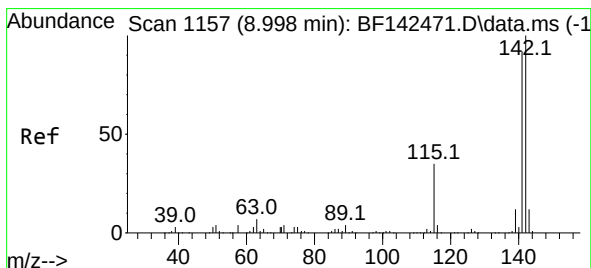
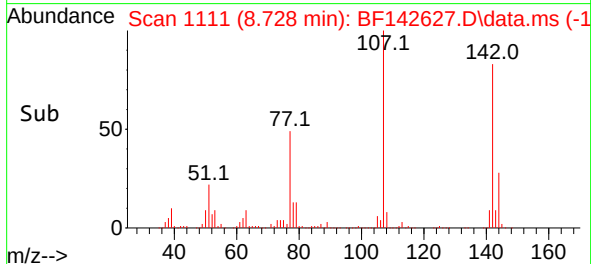
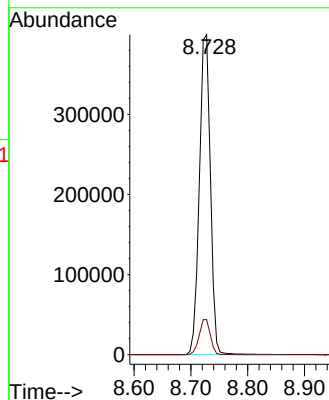
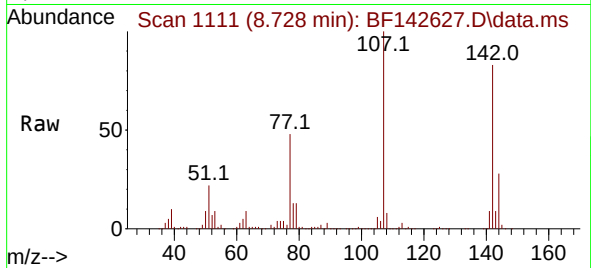
ClientSampleId :

Tgt Ion:142 Resp: 542613

Ion Ratio Lower Upper

142 100

141 10.9 70.7 106.1#



#38

1-Methylnaphthalene

Concen: 39.508 ng

RT: 8.728 min Scan# 1111

Delta R.T. -0.270 min

Lab File: BF142627.D

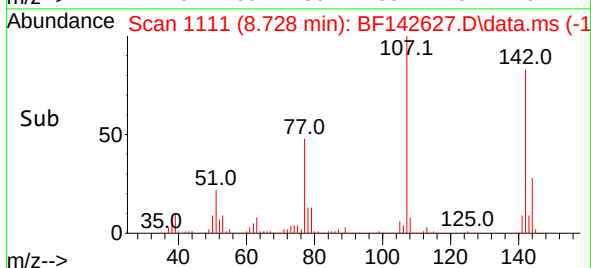
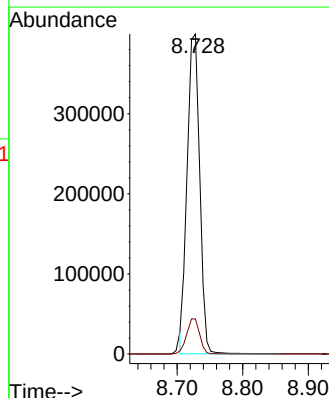
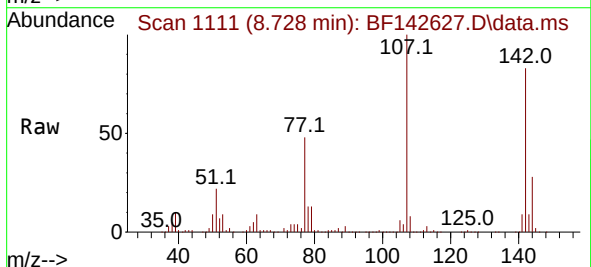
Acq: 05 Jun 2025 11:35

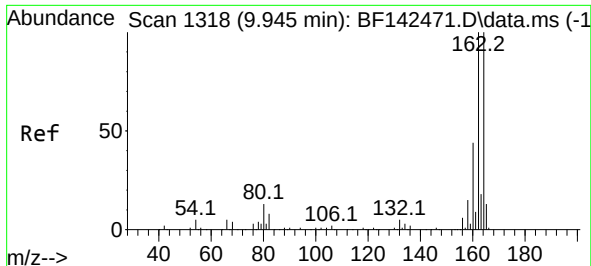
Tgt Ion:142 Resp: 529475

Ion Ratio Lower Upper

142 100

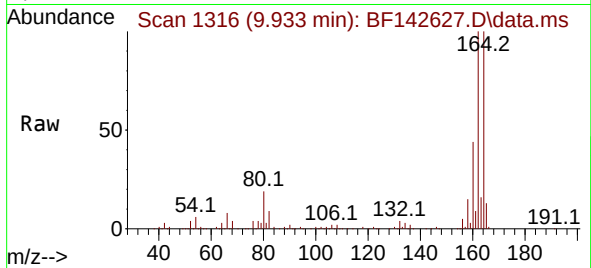
141 10.9 73.4 110.2#



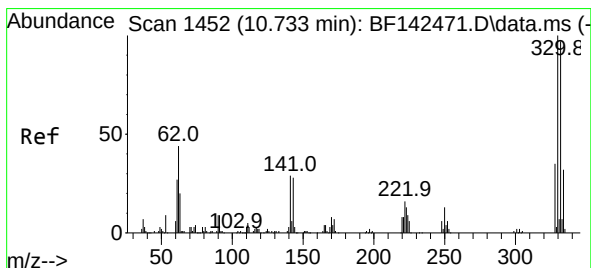
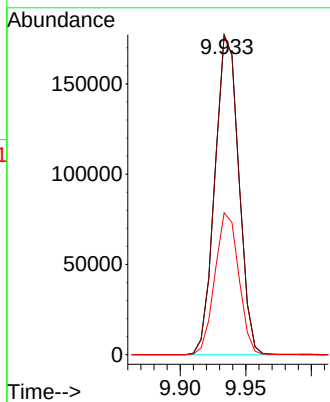
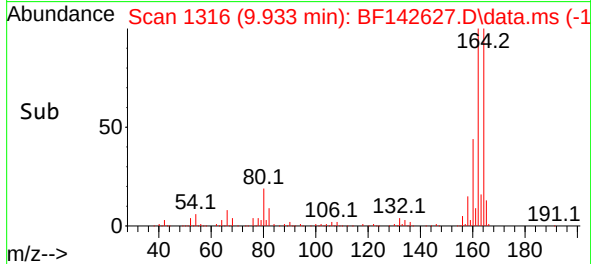


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

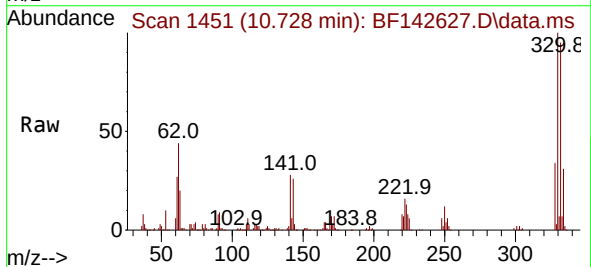
Instrument :
BNA_F
ClientSampleId :



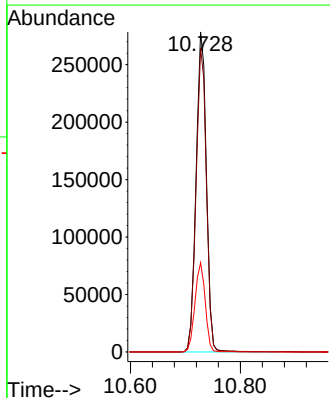
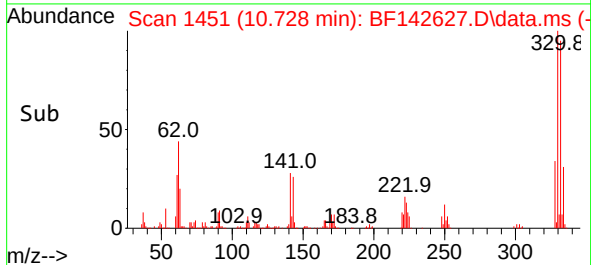
Tgt Ion:164 Resp: 223750
Ion Ratio Lower Upper
164 100
162 99.6 80.2 120.4
160 44.4 35.6 53.4

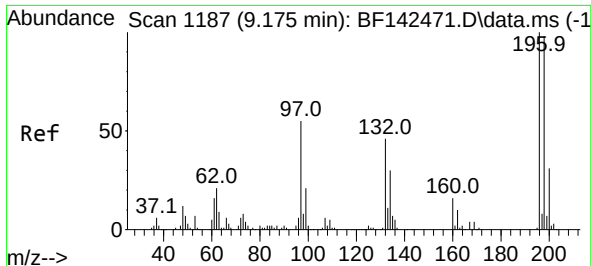


#42
2,4,6-Tribromophenol
Concen: 146.399 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35



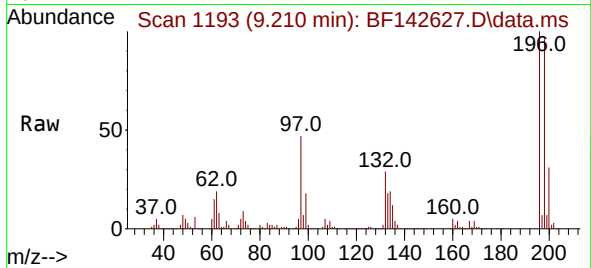
Tgt Ion:330 Resp: 363560
Ion Ratio Lower Upper
330 100
332 95.1 77.6 116.4
141 27.8 24.6 36.8



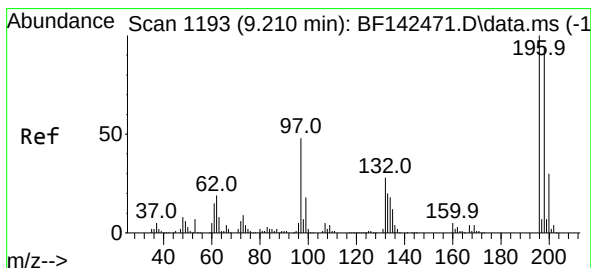
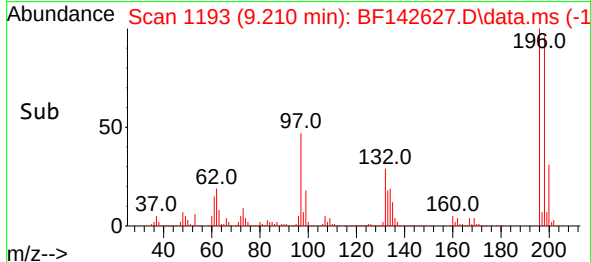
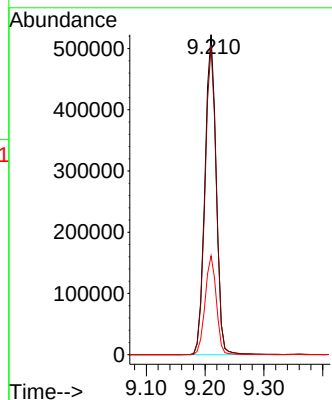


#43
 2,4,6-Trichlorophenol
 Concen: 161.451 ng
 RT: 9.210 min Scan# 1187
 Delta R.T. 0.035 min
 Lab File: BF142627.D
 Acq: 05 Jun 2025 11:35

Instrument :
 BNA_F
 ClientSampleId :

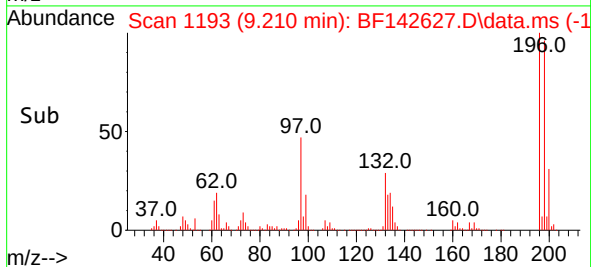
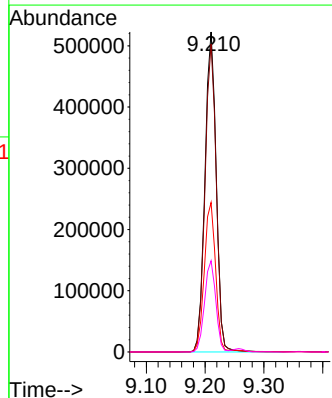
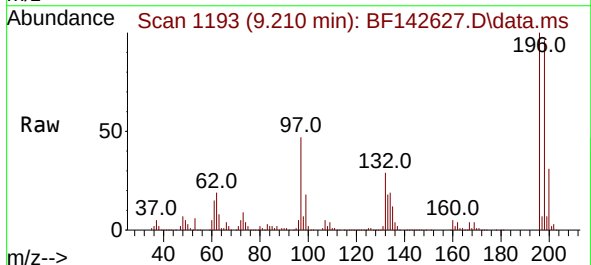


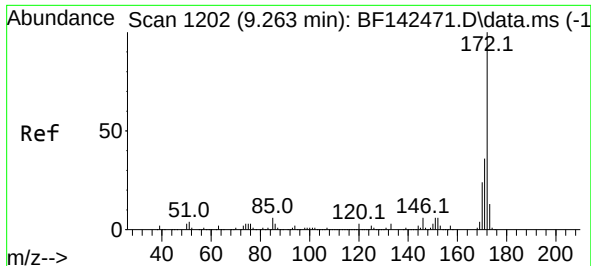
Tgt Ion:196 Resp: 699257
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.8 118.2
 200 30.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 153.086 ng
 RT: 9.210 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF142627.D
 Acq: 05 Jun 2025 11:35

Tgt Ion:196 Resp: 699257
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.5 113.3
 97 46.7 39.3 58.9
 132 28.5 23.3 34.9

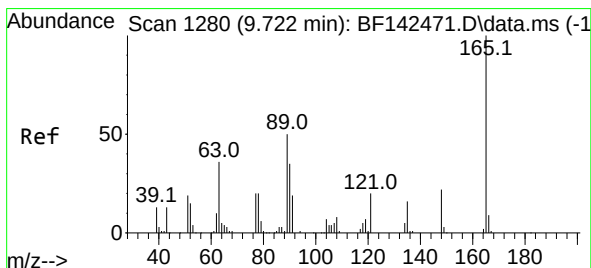
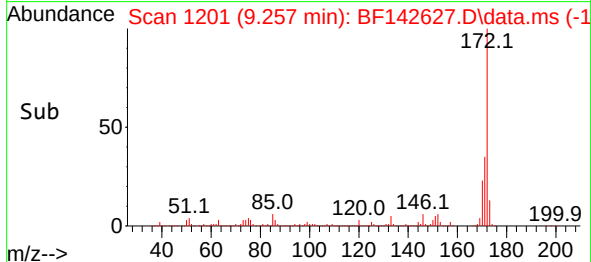
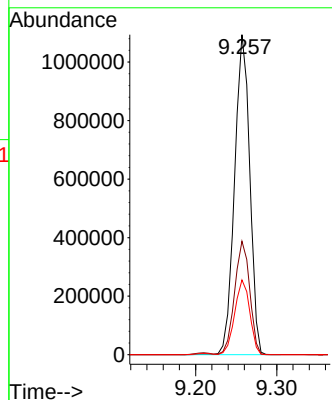
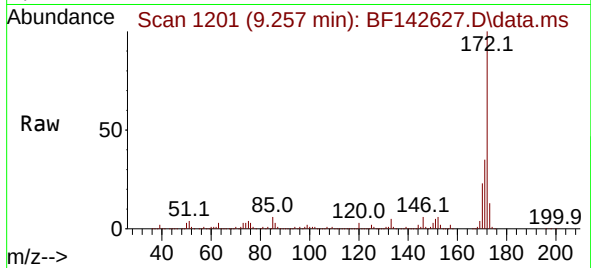




#45
2-Fluorobiphenyl
Concen: 85.002 ng
RT: 9.257 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

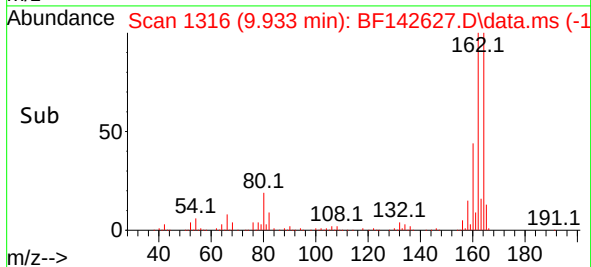
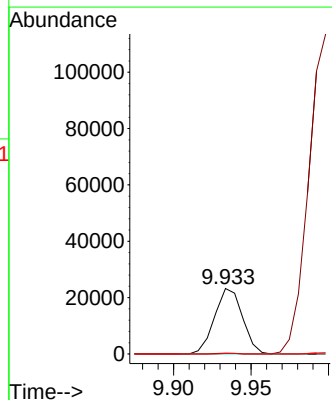
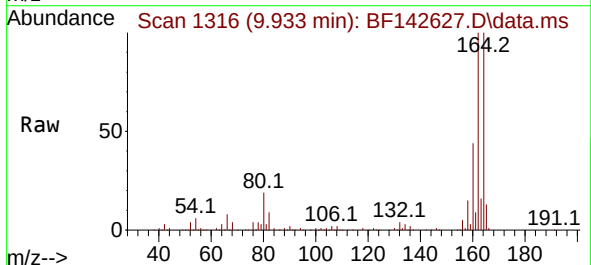
Instrument :
BNA_F
ClientSampleId :

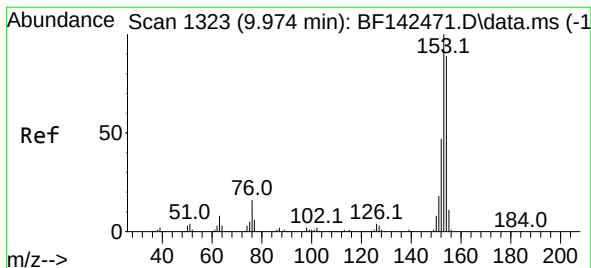
Tgt Ion:172 Resp: 1417378
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.152 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.206 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:165 Resp: 29163
Ion Ratio Lower Upper
165 100
63 1.1 42.9 64.3#
89 0.8 40.2 60.4#





#52

Acenaphthene

Concen: 11.729 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.018 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

Instrument :

BNA_F

ClientSampleId :

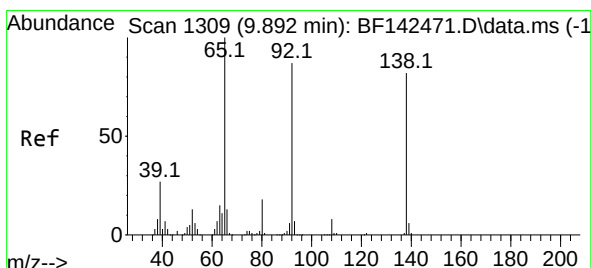
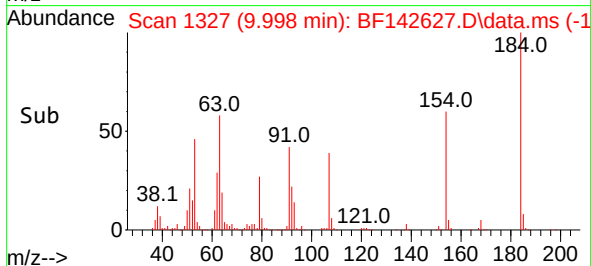
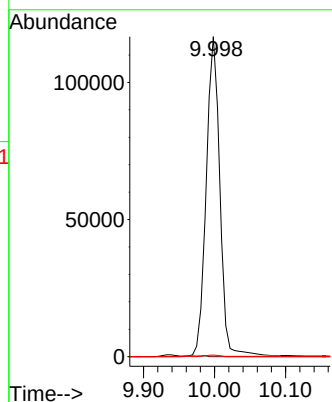
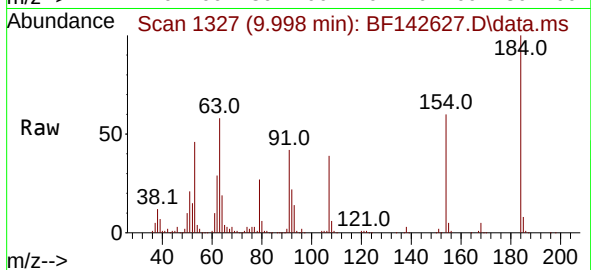
Tgt Ion:154 Resp: 155101

Ion Ratio Lower Upper

154 100

153 0.0 90.0 135.0#

152 0.5 42.6 64.0#



#53

3-Nitroaniline

Concen: 2.175 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.100 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

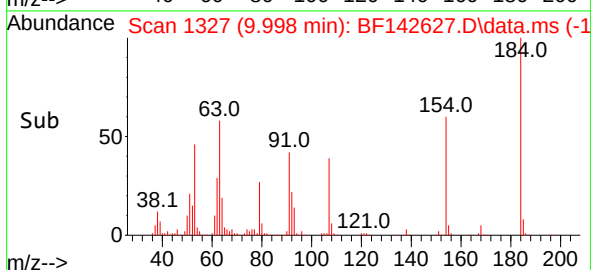
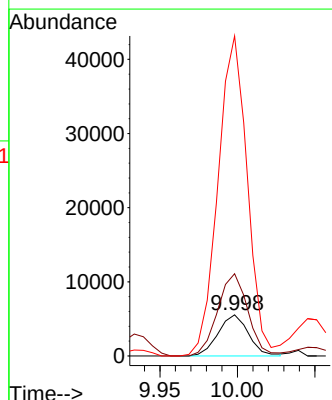
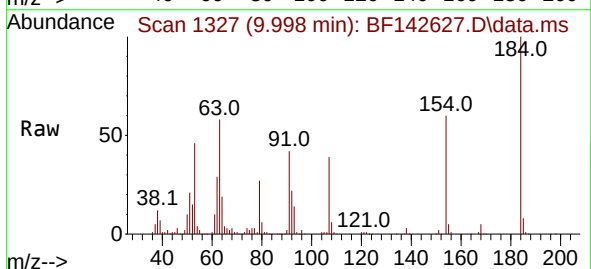
Tgt Ion:138 Resp: 7569

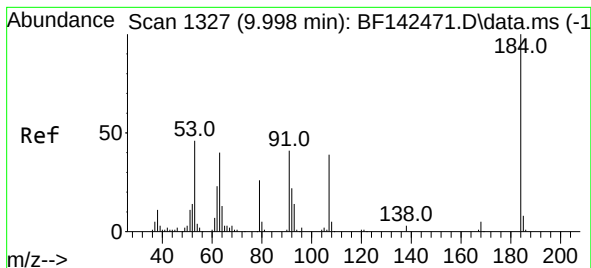
Ion Ratio Lower Upper

138 100

108 200.3 8.1 12.1#

92 779.2 85.2 127.8#





#54

2,4-Dinitrophenol

Concen: 157.736 ng

RT: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

Instrument :

BNA_F

ClientSampleId :

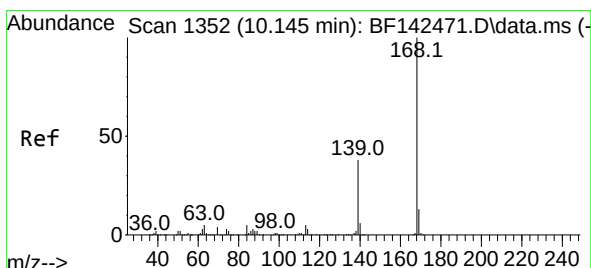
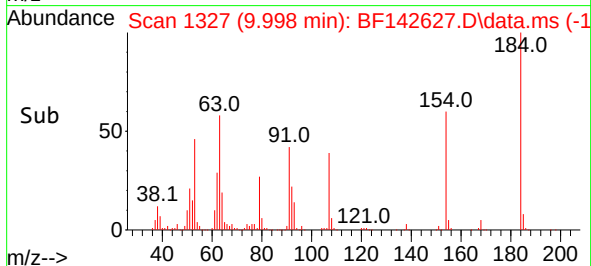
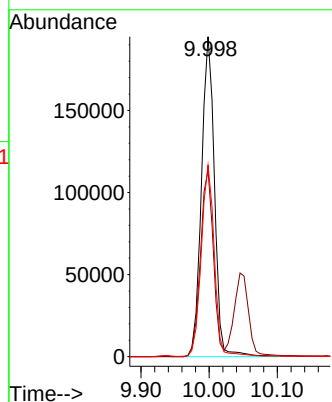
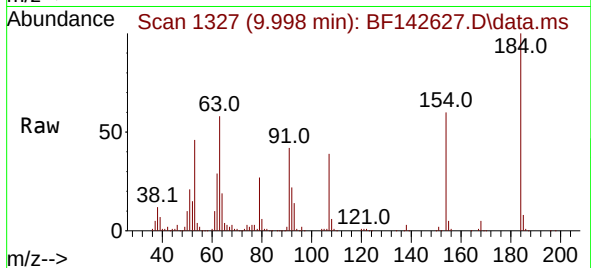
Tgt Ion:184 Resp: 259674

Ion Ratio Lower Upper

184 100

63 58.3 46.3 69.5

154 59.9 56.8 85.2



#55

Dibenzofuran

Concen: 4.902 ng

RT: 10.263 min Scan# 1372

Delta R.T. 0.112 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

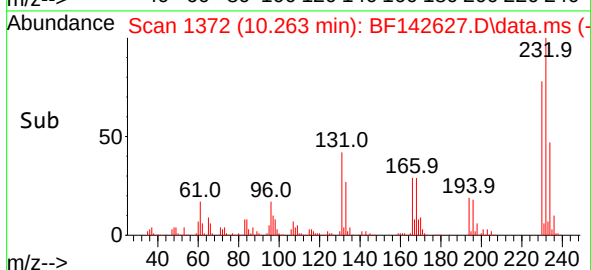
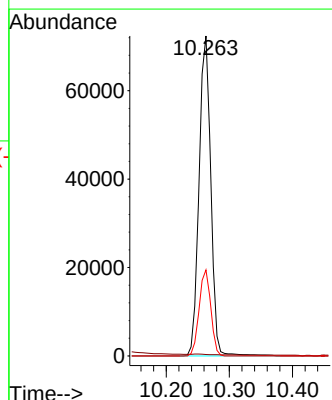
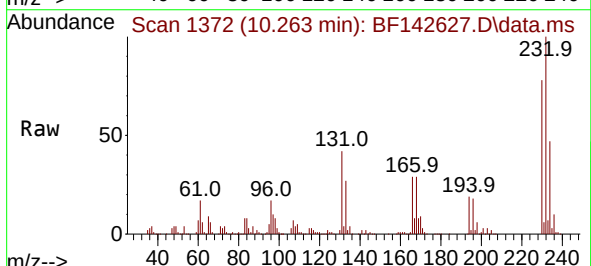
Tgt Ion:168 Resp: 93279

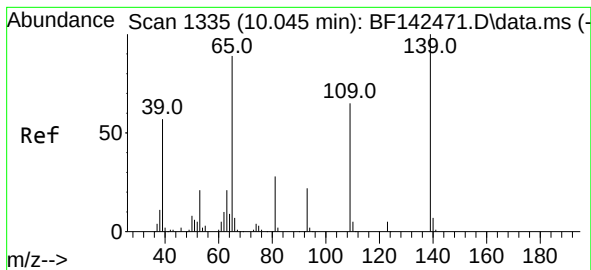
Ion Ratio Lower Upper

168 100

139 0.4 30.2 45.2#

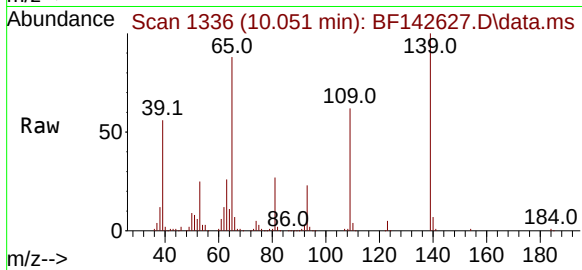
169 26.9 10.7 16.1#



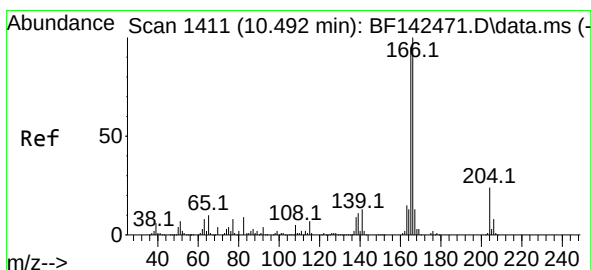
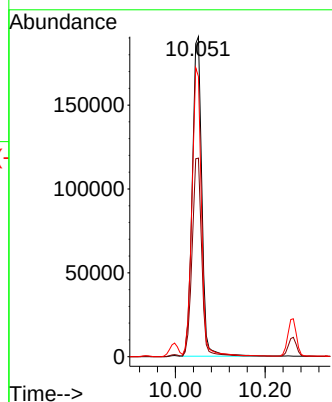
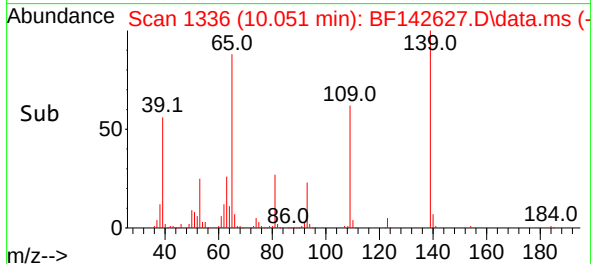


#56
4-Nitrophenol
Concen: 109.733 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Instrument :
BNA_F
ClientSampleId :

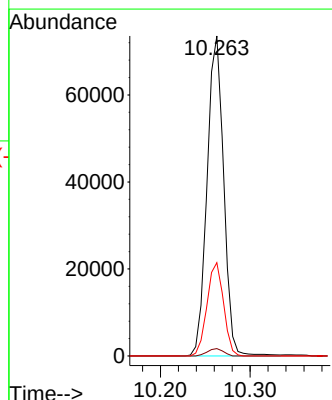
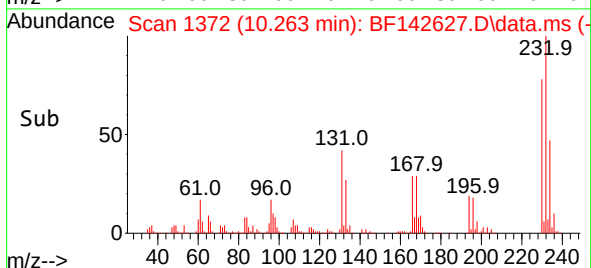
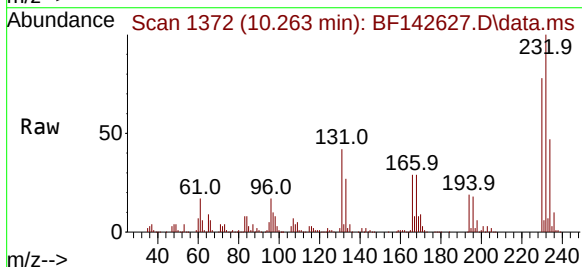


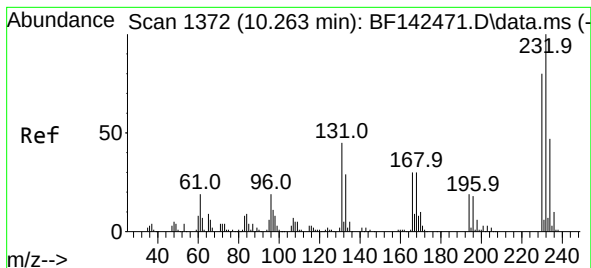
Tgt Ion:139 Resp: 281796
Ion Ratio Lower Upper
139 100
109 62.1 45.1 85.1
65 87.6 69.7 109.7



#58
Fluorene
Concen: 6.428 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.235 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:166 Resp: 94508
Ion Ratio Lower Upper
166 100
165 2.3 75.8 113.8#
167 29.2 10.6 16.0#

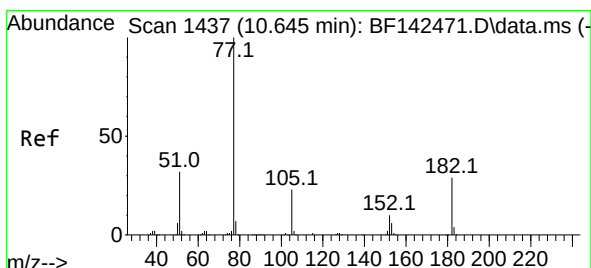
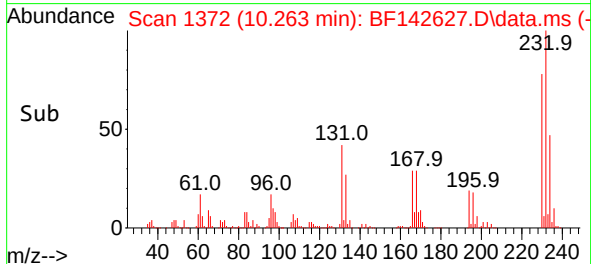
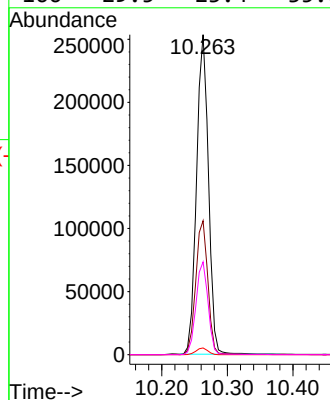
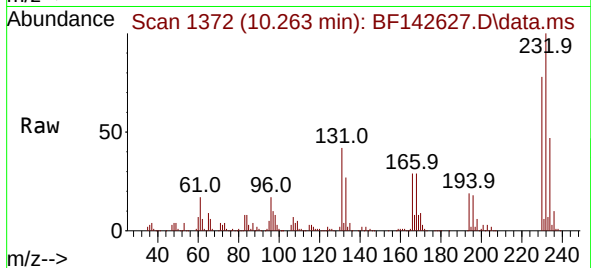




#59
2,3,4,6-Tetrachlorophenol
Concen: 83.997 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

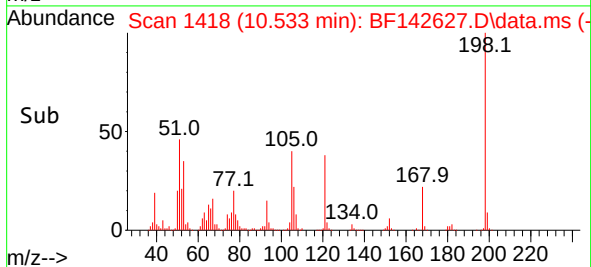
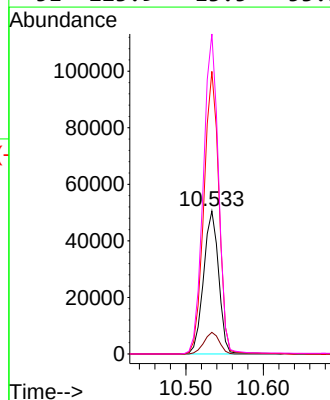
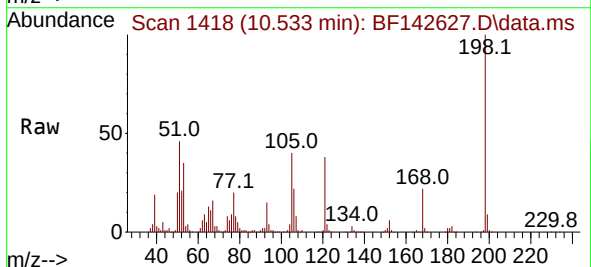
Instrument :
BNA_F
ClientSampleId :

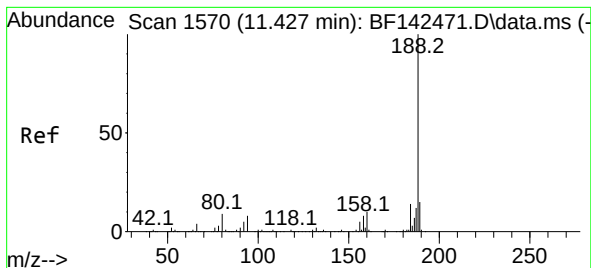
Tgt Ion: 232 Resp: 320299
Ion Ratio Lower Upper
232 100
131 42.8 35.2 52.8
130 2.1 1.7 2.5
166 29.5 23.4 35.0



#63
Azobenzene
Concen: 5.312 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.112 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion: 77 Resp: 68794
Ion Ratio Lower Upper
77 100
182 15.1 9.0 49.0
105 197.8 2.4 42.4#
51 223.9 13.5 53.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

Instrument :

BNA_F

ClientSampleId :

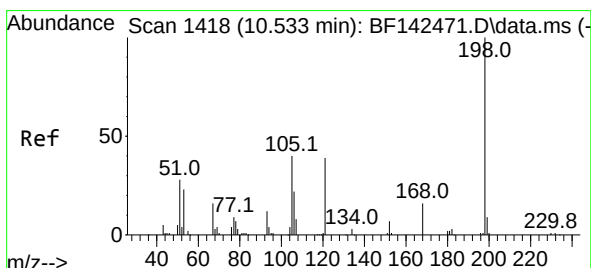
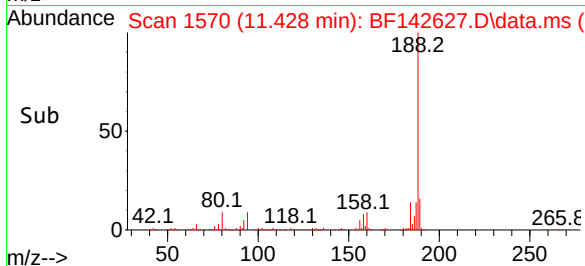
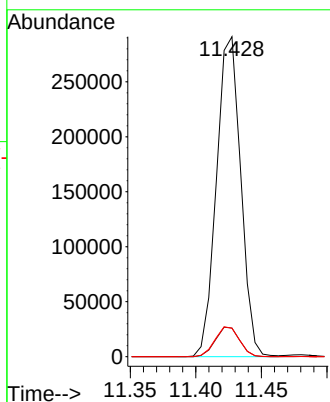
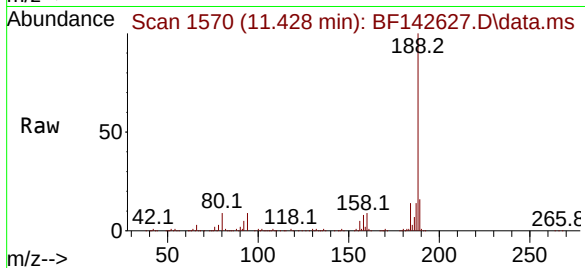
Tgt Ion:188 Resp: 374727

Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 8.9 7.4 11.0



#65

4,6-Dinitro-2-methylphenol

Concen: 159.541 ng

RT: 10.533 min Scan# 1418

Delta R.T. -0.006 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

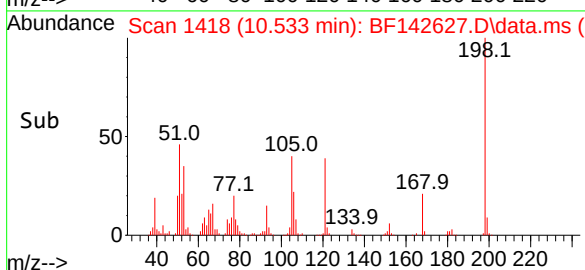
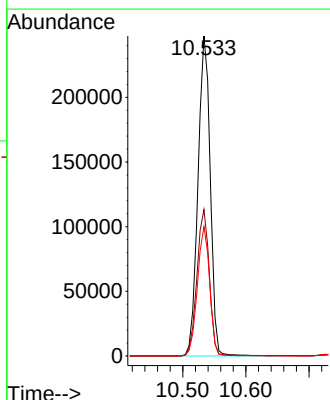
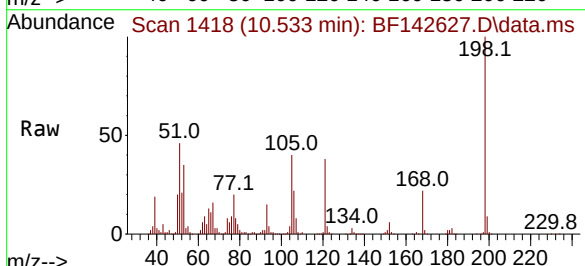
Tgt Ion:198 Resp: 333642

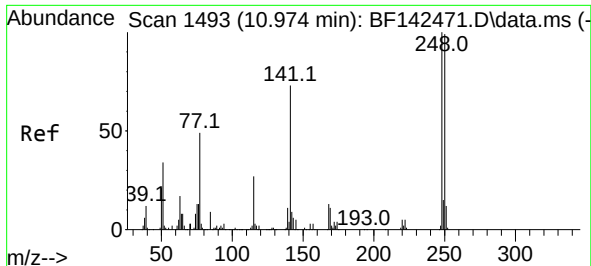
Ion Ratio Lower Upper

198 100

51 45.7 28.3 68.3

105 40.4 21.3 61.3





#67

4-Bromophenyl-phenylether

Concen: 4.993 ng

RT: 10.728 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

Instrument :

BNA_F

ClientSampleId :

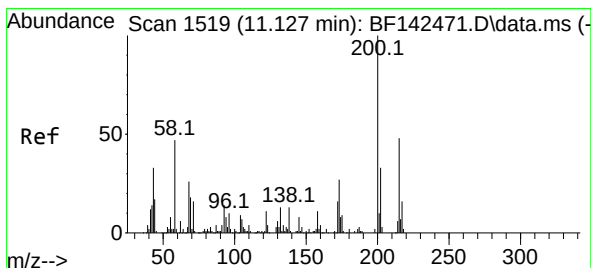
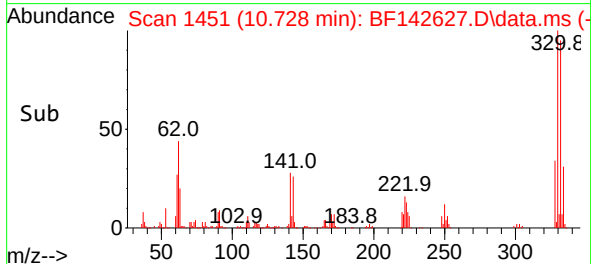
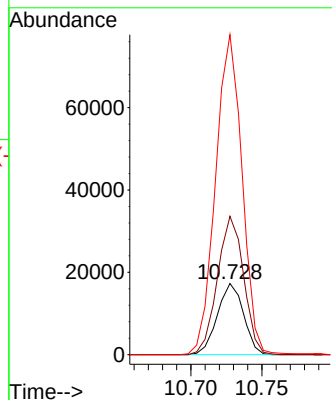
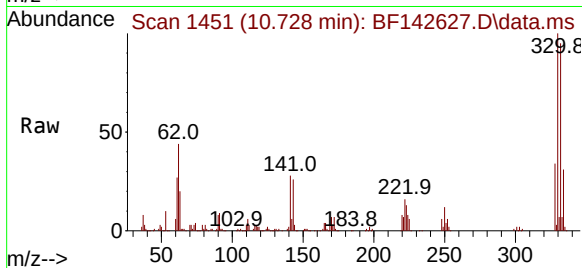
Tgt Ion:248 Resp: 22124

Ion Ratio Lower Upper

248 100

250 194.1 79.0 118.4#

141 448.9 58.4 87.6#



#69

Atrazine

Concen: 9.935 ng

RT: 11.227 min Scan# 1536

Delta R.T. 0.100 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

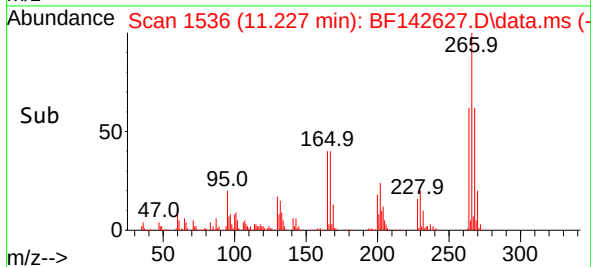
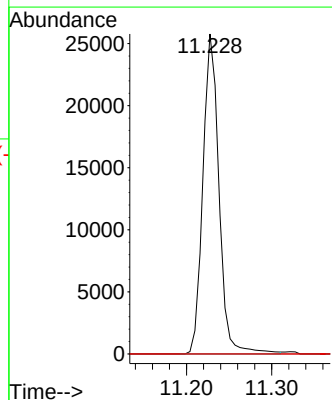
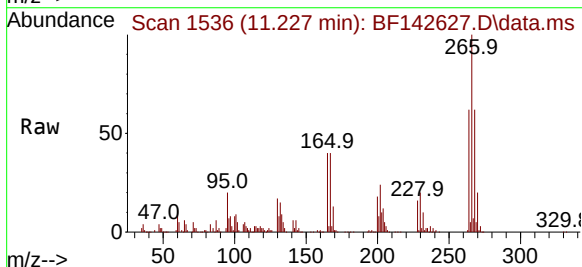
Tgt Ion:200 Resp: 33827

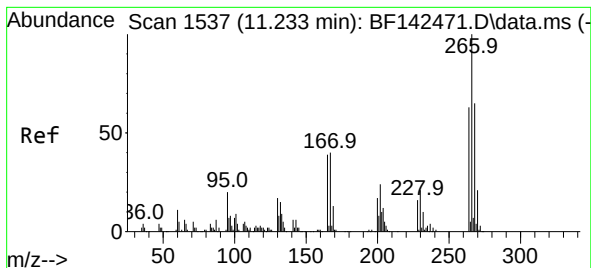
Ion Ratio Lower Upper

200 100

173 0.0 7.4 47.4#

215 0.0 28.5 68.5#





#70

Pentachlorophenol

Concen: 70.588 ng

RT: 11.227 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

Instrument :

BNA_F

ClientSampleId :

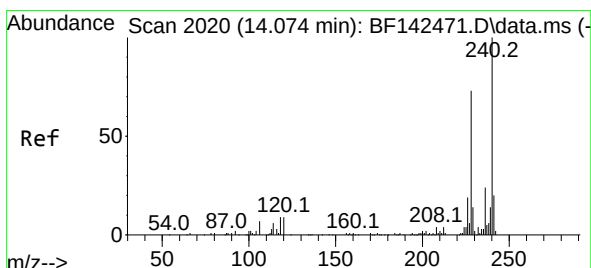
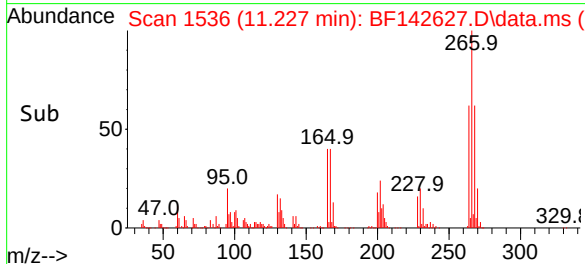
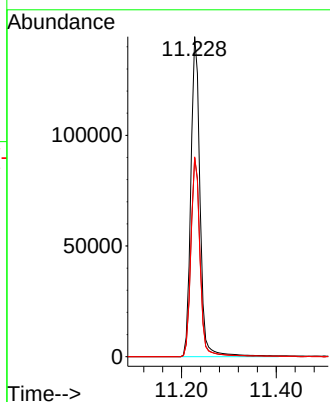
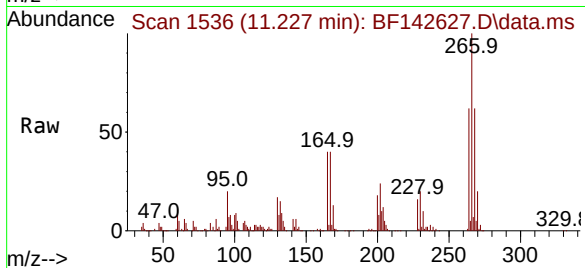
Tgt Ion:266 Resp: 195305

Ion Ratio Lower Upper

266 100

268 62.1 51.7 77.5

264 62.5 50.4 75.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

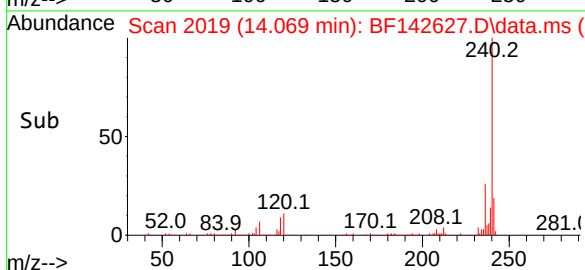
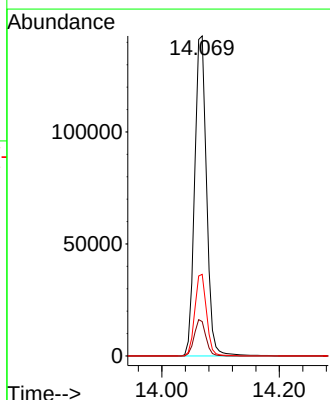
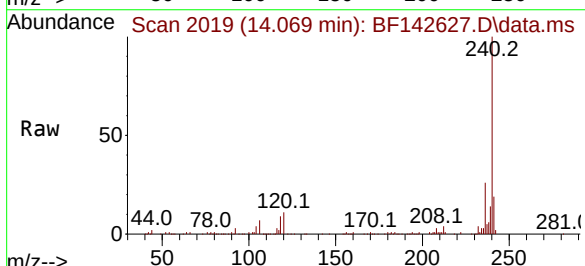
Tgt Ion:240 Resp: 200432

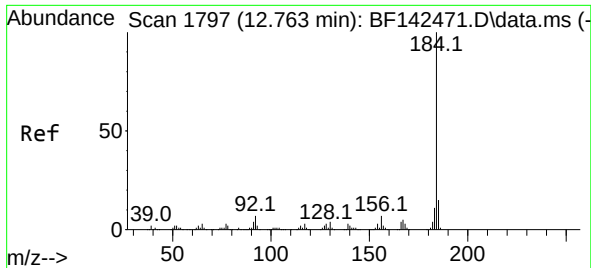
Ion Ratio Lower Upper

240 100

120 10.8 7.5 11.3

236 25.5 19.6 29.4

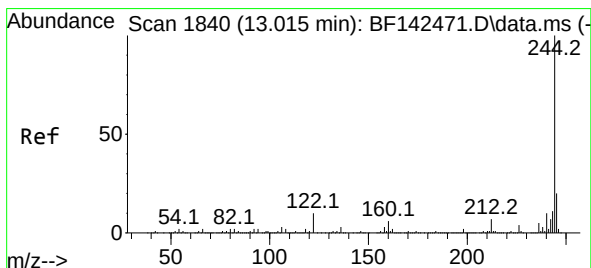
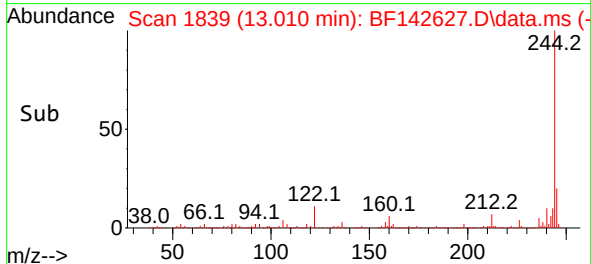
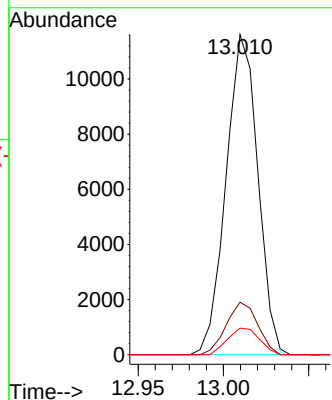
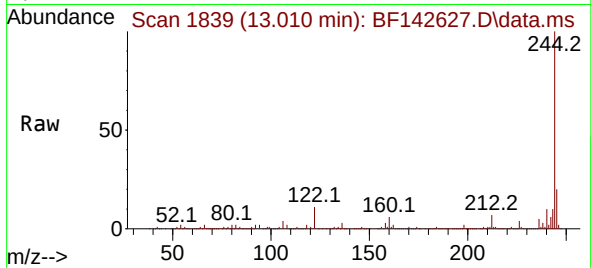




#77
Benzidine
Concen: 2.021 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.247 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

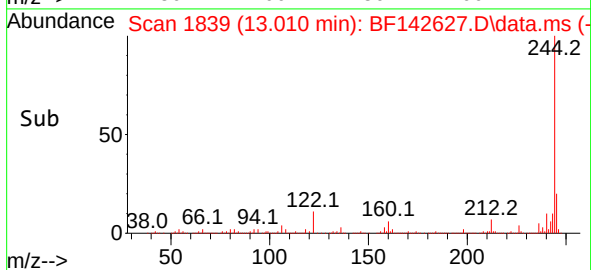
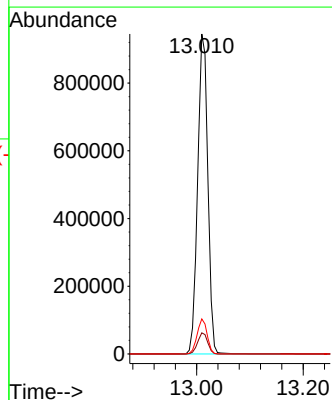
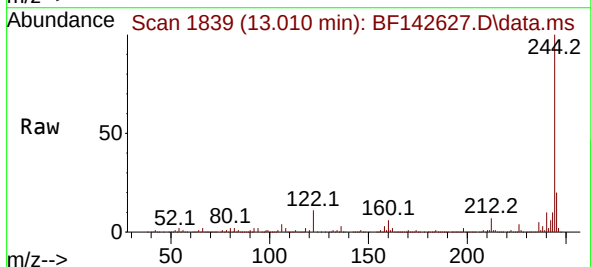
Instrument :
BNA_F
ClientSampleId :

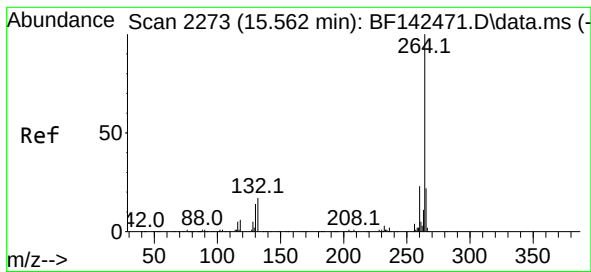
Tgt Ion:184 Resp: 15071
Ion Ratio Lower Upper
184 100
185 16.4 11.6 17.4
183 8.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 85.458 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142627.D
Acq: 05 Jun 2025 11:35

Tgt Ion:244 Resp: 1253425
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 11.0 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 21

Delta R.T. -0.006 min

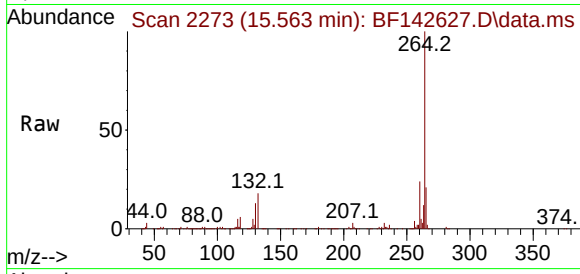
Lab File: BF142627.D

Acq: 05 Jun 2025 11:35

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 211446

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.4 17.7 26.5

