

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138863.D
 Acq On : 08 Aug 2024 13:52
 Operator : RC/JU
 Sample : PB162401BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162401BS

Quant Time: Aug 08 14:15:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	48503	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	206341	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	113225	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	196298	20.000	ng	0.00
76) Chrysene-d12	13.998	240	93827	20.000	ng	0.00
86) Perylene-d12	15.457	264	88275	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	421451	134.131	ng	0.02
7) Phenol-d6	6.492	99	561400	133.078	ng	0.00
23) Nitrobenzene-d5	7.410	82	355391	84.208	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	131194	141.454	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	663928	88.103	ng	0.00
79) Terphenyl-d14	12.939	244	633522	113.047	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	44628	32.442	ng	95
3) Pyridine	3.469	79	113253	33.986	ng	97
4) n-Nitrosodimethylamine	3.434	42	102157	51.472	ng	84
6) Aniline	6.504	93	127189	33.807	ng	# 6
8) 2-Chlorophenol	6.634	128	163031	49.316	ng	96
9) Benzaldehyde	6.398	77	104054	41.147	ng	99
10) Phenol	6.504	94	216129	48.659	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	150643	44.073	ng	98
12) 1,3-Dichlorobenzene	6.781	146	166335	44.949	ng	98
13) 1,4-Dichlorobenzene	6.857	146	170796	45.735	ng	99
14) 1,2-Dichlorobenzene	7.010	146	162936	46.685	ng	100
15) Benzyl Alcohol	6.992	79	152403	50.124	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	247882	42.141	ng	# 48
17) 2-Methylphenol	7.104	107	131230	48.073	ng	# 87
18) Hexachloroethane	7.345	117	62748	44.637	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	124632	48.915	ng	99
20) 3+4-Methylphenols	7.263	107	174816	49.913	ng	# 77
22) Acetophenone	7.257	105	220931	43.729	ng	96
24) Nitrobenzene	7.428	77	186837	43.506	ng	99
25) Isophorone	7.669	82	321983	44.679	ng	99
26) 2-Nitrophenol	7.745	139	87581	47.401	ng	96
27) 2,4-Dimethylphenol	7.781	122	111180	50.293	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	187712	42.773	ng	99
29) 2,4-Dichlorophenol	7.992	162	134696	47.417	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	143091	43.649	ng	99
31) Naphthalene	8.145	128	481673	44.348	ng	100
32) Benzoic acid	7.939	122	58218	33.502	ng	94
33) 4-Chloroaniline	8.198	127	75915	20.822	ng	99
34) Hexachlorobutadiene	8.251	225	87876	44.257	ng	99
35) Caprolactam	8.586	113	25983	30.654	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	156336	48.156	ng	100
37) 2-Methylnaphthalene	8.834	142	316642	46.162	ng	100
38) 1-Methylnaphthalene	8.934	142	288654	42.944	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	136441	43.380	ng	98
41) Hexachlorocyclopentadiene	8.981	237	89664	105.292	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	87034	45.385	ng	98

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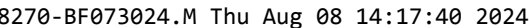
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	94315	44.988	ng	98
46) 1,1'-Biphenyl	9.298	154	375346	42.328	ng	99
47) 2-Chloronaphthalene	9.328	162	297629	45.129	ng	99
48) 2-Nitroaniline	9.428	65	108365	48.468	ng	95
49) Acenaphthylene	9.739	152	468377	50.073	ng	100
50) Dimethylphthalate	9.604	163	351681	48.576	ng	99
51) 2,6-Dinitrotoluene	9.669	165	77020	47.139	ng	88
52) Acenaphthene	9.910	154	282570	44.939	ng	99
53) 3-Nitroaniline	9.839	138	52637	31.163	ng	98
54) 2,4-Dinitrophenol	9.957	184	67891	90.265	ng	86
55) Dibenzofuran	10.081	168	420526	47.378	ng	97
56) 4-Nitrophenol	10.022	139	81612	80.349	ng	91
57) 2,4-Dinitrotoluene	10.081	165	102648	49.242	ng	# 82
58) Fluorene	10.428	166	339649	48.053	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	77851	48.573	ng	98
60) Diethylphthalate	10.298	149	347956	50.689	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	164485	47.316	ng	97
62) 4-Nitroaniline	10.463	138	73435	45.750	ng	90
63) Azobenzene	10.575	77	356923	46.881	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	55479	46.326	ng	98
66) n-Nitrosodiphenylamine	10.539	169	286061	46.621	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	97009	45.645	ng	98
68) Hexachlorobenzene	10.975	284	100470	45.785	ng	97
69) Atrazine	11.063	200	86060	54.363	ng	98
70) Pentachlorophenol	11.175	266	72061	72.855	ng	97
71) Phenanthrene	11.386	178	478989	47.388	ng	100
72) Anthracene	11.439	178	486955	48.903	ng	100
73) Carbazole	11.598	167	405553	47.207	ng	99
74) Di-n-butylphthalate	11.916	149	517027	53.536	ng	99
75) Fluoranthene	12.574	202	448063	47.483	ng	98
77) Benzidine	12.698	184	35411	15.779	ng	99
78) Pyrene	12.804	202	432501	48.958	ng	100
80) Butylbenzylphthalate	13.410	149	146428	51.761	ng	99
81) Benzo(a)anthracene	13.992	228	309084	47.838	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	61617	37.266	ng	97
83) Chrysene	14.027	228	273115	46.853	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	178580	43.109	ng	97
85) Di-n-octyl phthalate	14.574	149	284040	37.060	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	285864	45.188	ng	96
88) Benzo(b)fluoranthene	15.033	252	284195	51.934	ng	99
89) Benzo(k)fluoranthene	15.063	252	233461	49.275	ng	98
90) Benzo(a)pyrene	15.398	252	237151	51.522	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	232205	44.716	ng	98
92) Benzo(g,h,i)perylene	17.374	276	212001	39.342	ng	97

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

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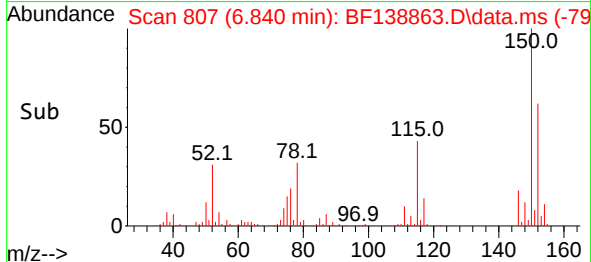
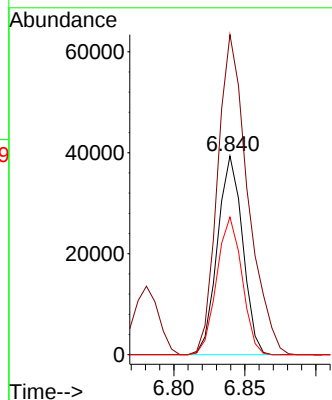
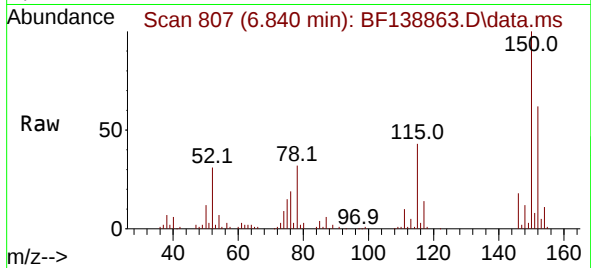




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138863.D
 Acq: 08 Aug 2024 13:52

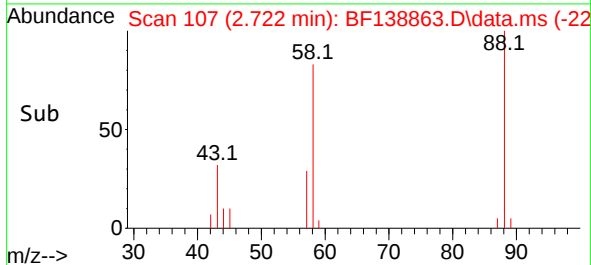
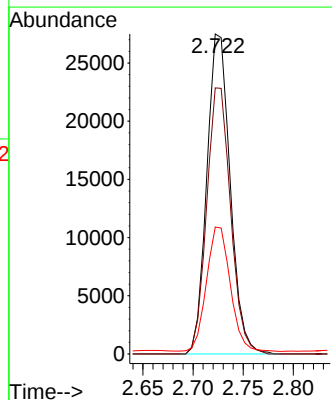
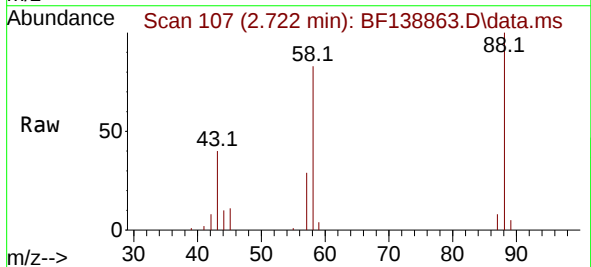
Instrument :
 BNA_F
 ClientSampleId :
 PB162401BS

Tgt Ion:152 Resp: 48503
 Ion Ratio Lower Upper
 152 100
 150 161.0 126.0 189.0
 115 69.3 51.7 77.5



#2
 1,4-Dioxane
 Concen: 32.442 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.147 min
 Lab File: BF138863.D
 Acq: 08 Aug 2024 13:52

Tgt Ion: 88 Resp: 44628
 Ion Ratio Lower Upper
 88 100
 58 85.4 71.6 107.4
 43 39.6 28.7 43.1





#3

Pyridine

Concen: 33.986 ng

RT: 3.469 min Scan# 211

Delta R.T. 0.135 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

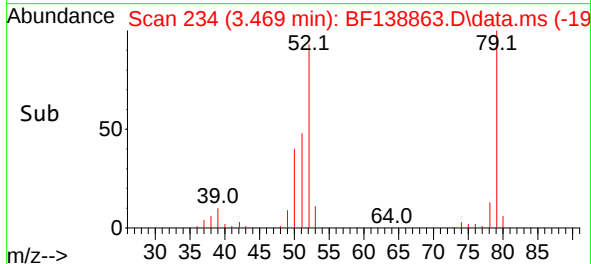
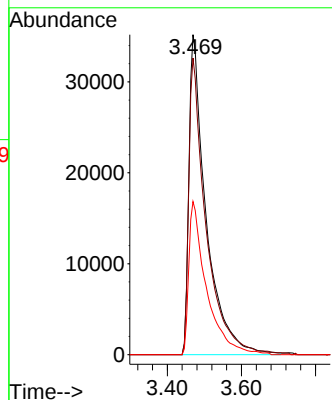
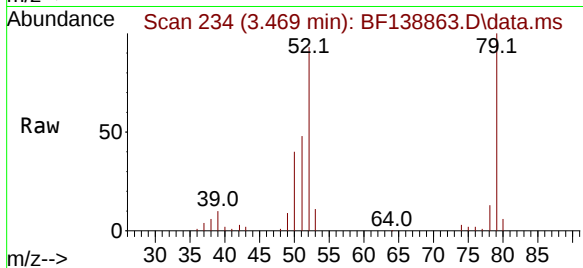
Tgt Ion: 79 Resp: 113253

Ion Ratio Lower Upper

79 100

52 92.7 74.7 112.1

51 47.9 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 51.472 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.147 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

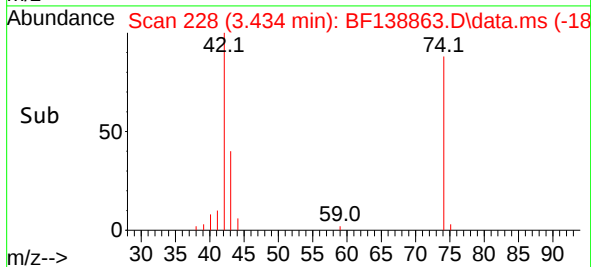
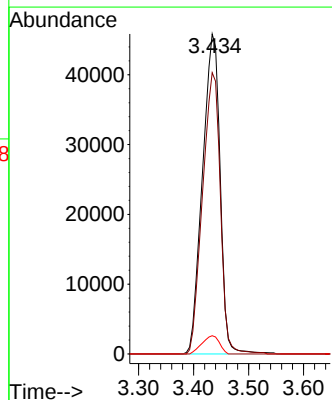
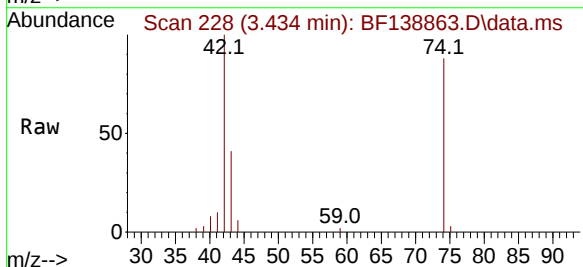
Tgt Ion: 42 Resp: 102157

Ion Ratio Lower Upper

42 100

74 87.9 84.2 126.4

44 5.7 4.9 7.3

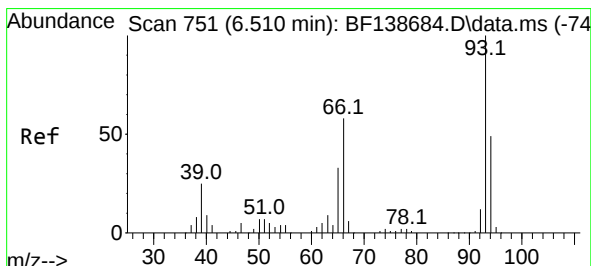
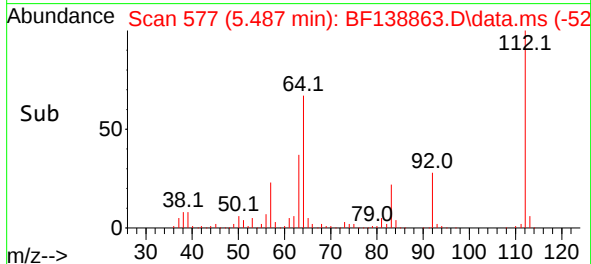
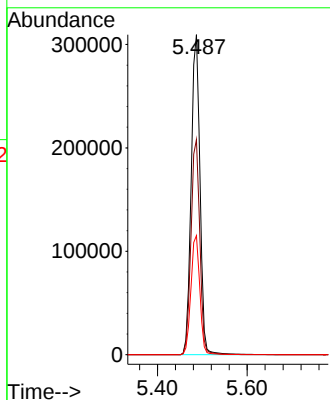
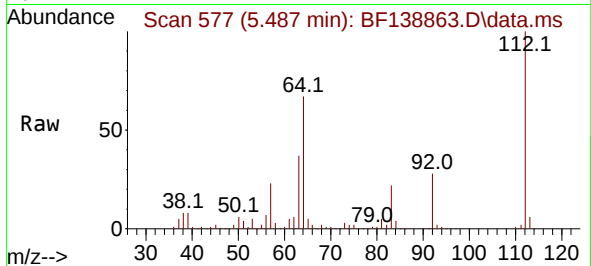




#5
2-Fluorophenol
Concen: 134.131 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

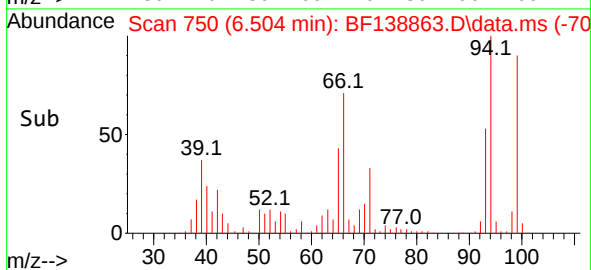
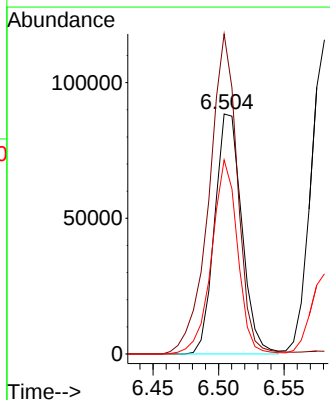
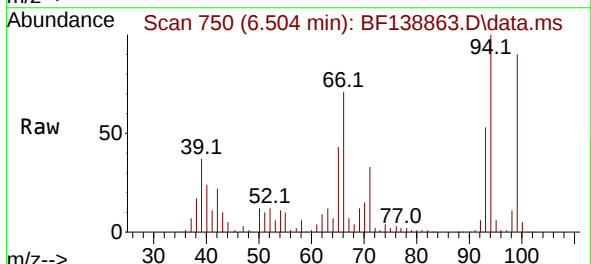
Instrument :
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Tgt Ion:112 Resp: 421451
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 37.2 28.7 43.1



#6
Aniline
Concen: 33.807 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion: 93 Resp: 127189
Ion Ratio Lower Upper
93 100
66 133.3 46.9 70.3#
65 80.8 26.5 39.7#

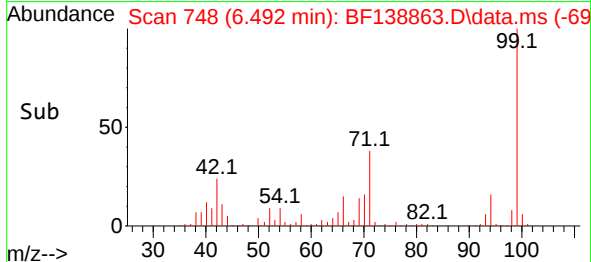
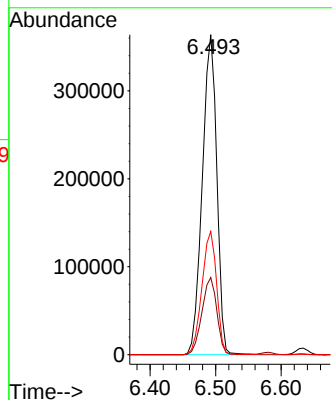
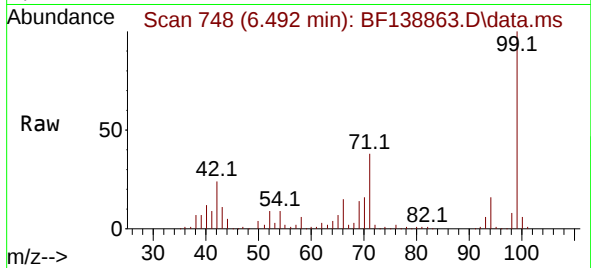




#7
Phenol-d6
Concen: 133.078 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

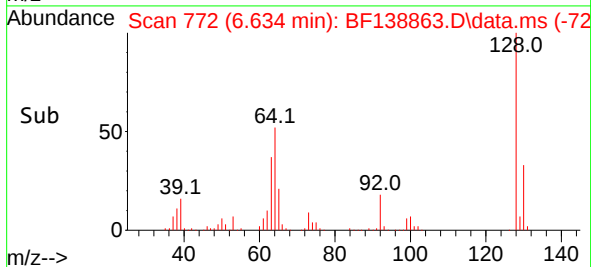
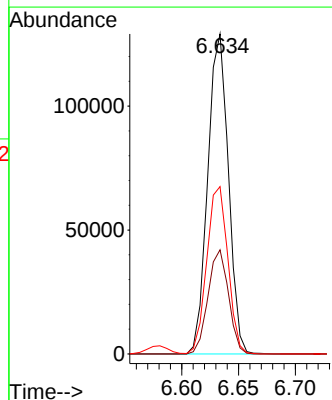
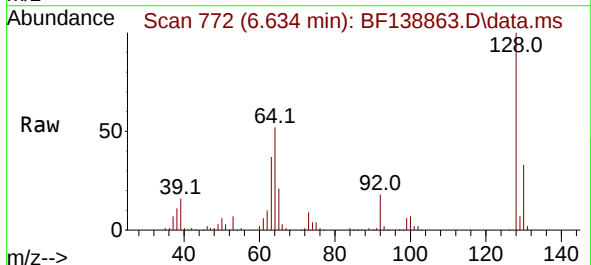
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion: 99 Resp: 561400
Ion Ratio Lower Upper
99 100
42 24.1 17.4 26.0
71 38.5 28.1 42.1



#8
2-Chlorophenol
Concen: 49.316 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion: 128 Resp: 163031
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 52.3 36.3 76.3





#9

Benzaldehyde

Concen: 41.147 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

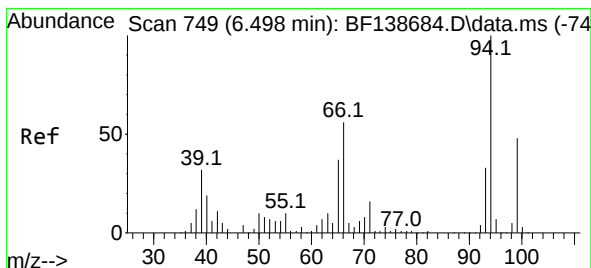
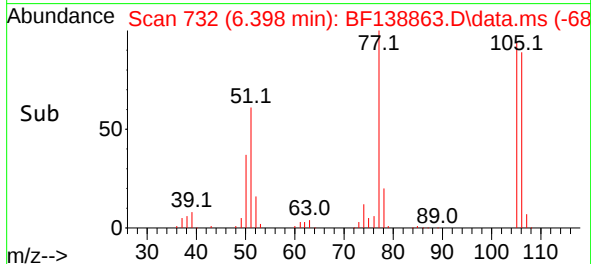
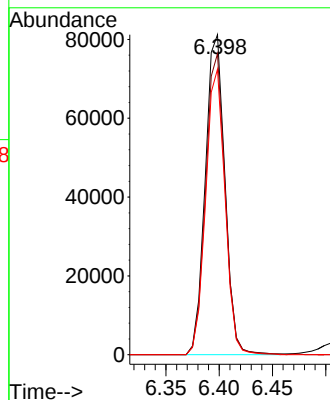
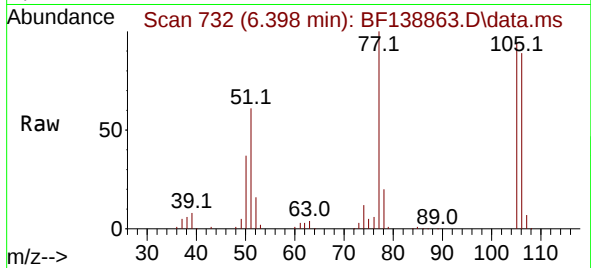
Tgt Ion: 77 Resp: 104054

Ion Ratio Lower Upper

77 100

105 94.1 72.9 112.9

106 89.2 68.4 108.4



#10

Phenol

Concen: 48.659 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138863.D

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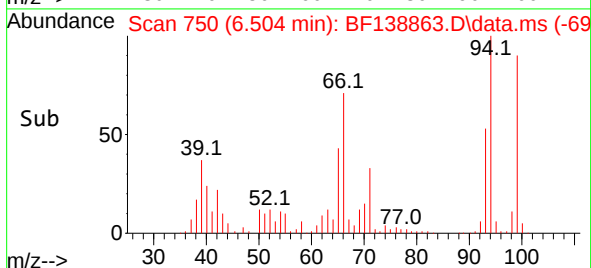
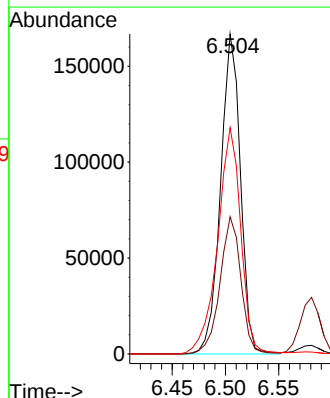
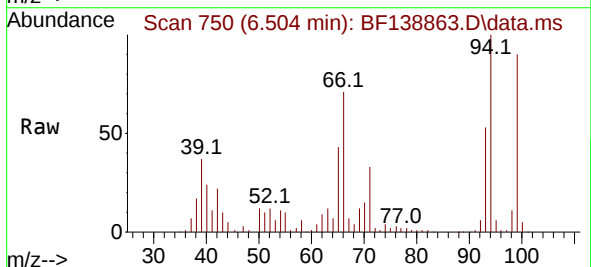
Tgt Ion: 94 Resp: 216129

Ion Ratio Lower Upper

94 100

65 42.9 16.9 56.9

66 70.7 36.5 76.5

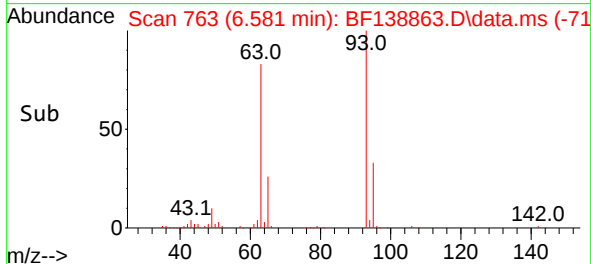
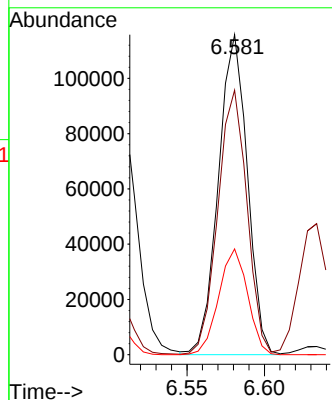
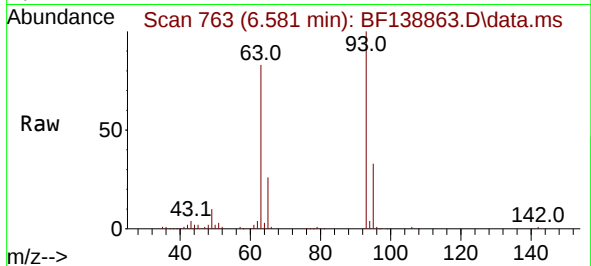




#11
bis(2-Chloroethyl)ether
Concen: 44.073 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
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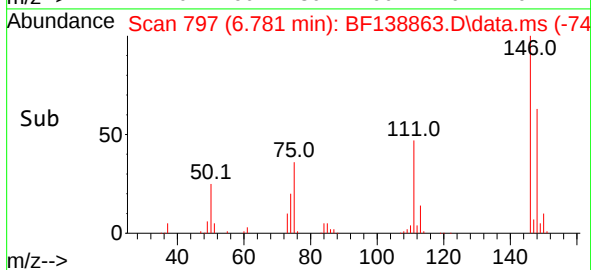
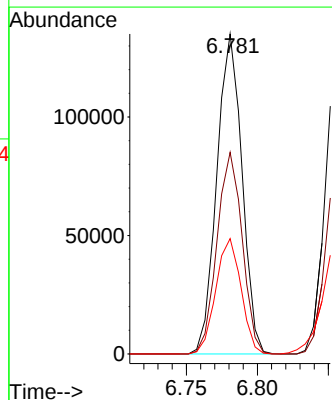
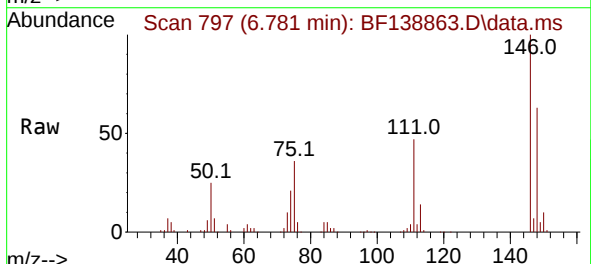
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion: 93 Resp: 150643
Ion Ratio Lower Upper
93 100
63 82.6 65.3 105.3
95 33.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.949 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:146 Resp: 166335
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
75 36.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.735 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

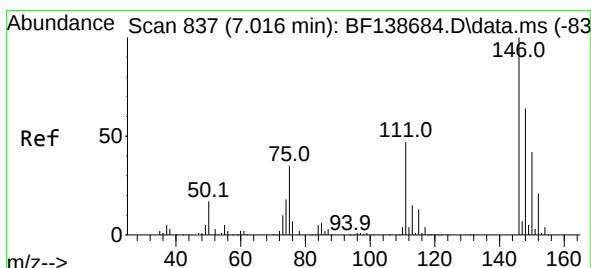
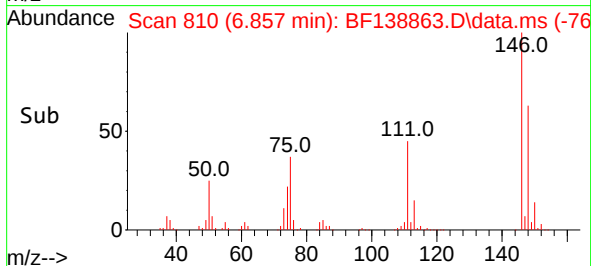
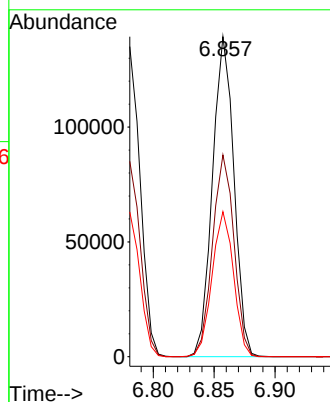
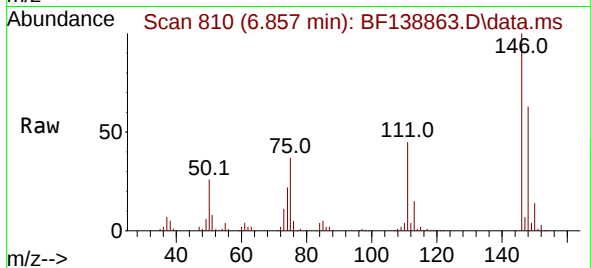
Tgt Ion:146 Resp: 170796

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 45.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 46.685 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

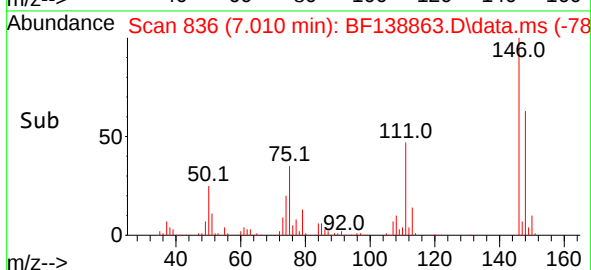
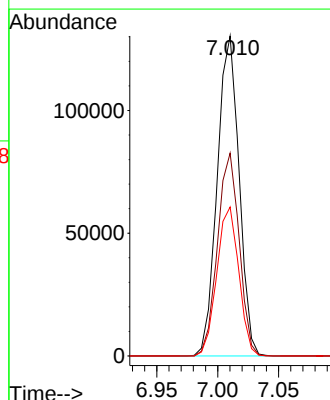
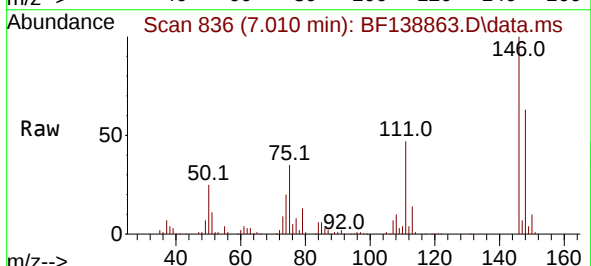
Tgt Ion:146 Resp: 162936

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 46.6 37.4 56.2

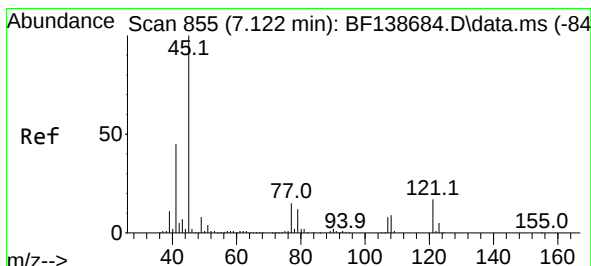
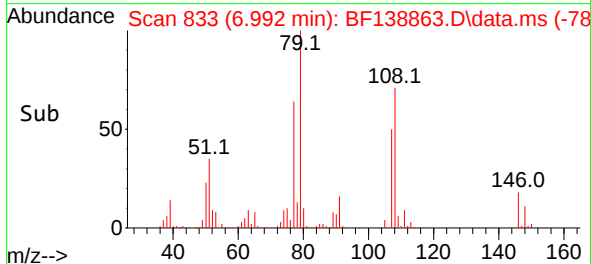
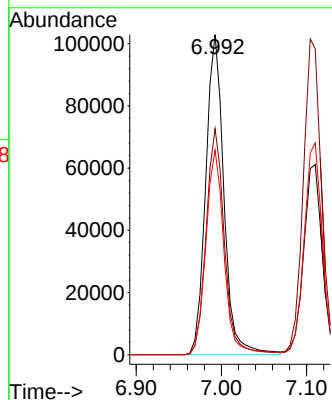
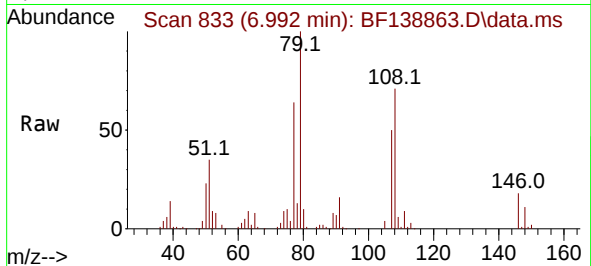




#15
Benzyl Alcohol
Concen: 50.124 ng
RT: 6.992 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

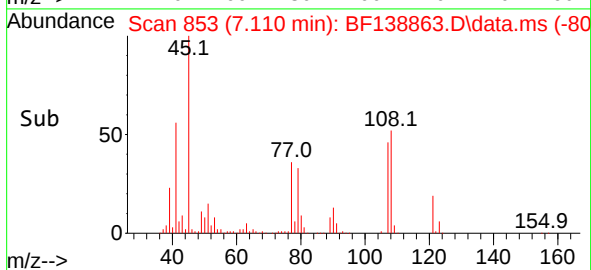
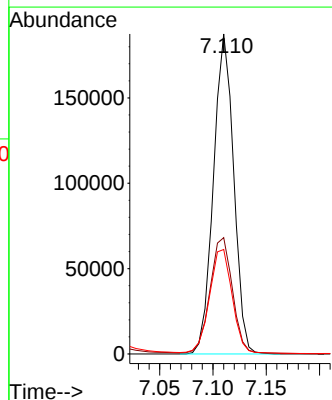
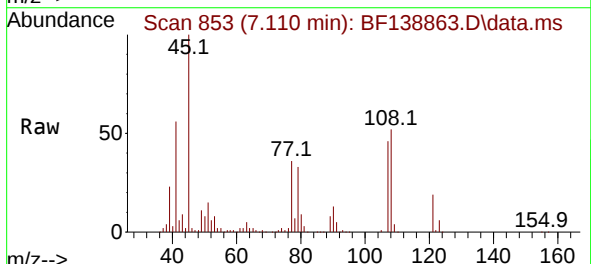
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion: 79 Resp: 152403
Ion Ratio Lower Upper
79 100
108 70.6 56.6 85.0
77 64.0 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.141 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion: 45 Resp: 247882
Ion Ratio Lower Upper
45 100
77 36.4 0.0 34.9#
79 32.6 0.0 32.2#

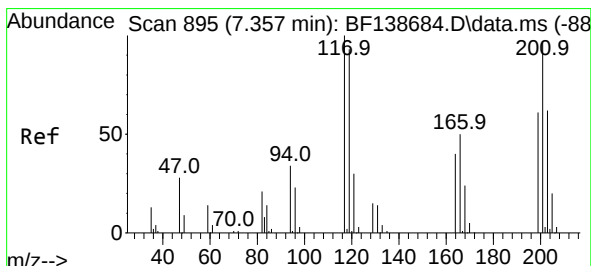
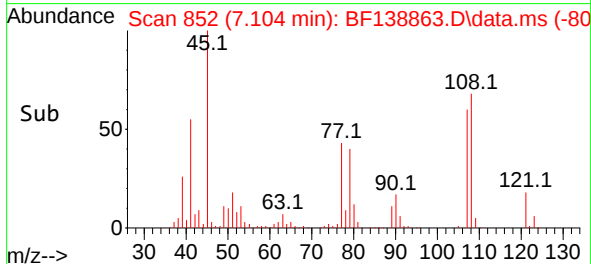
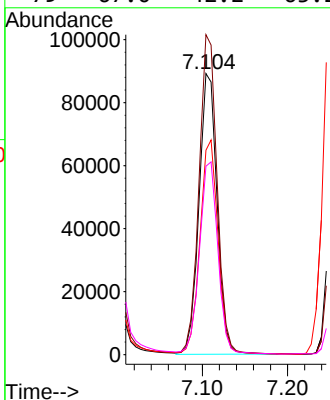
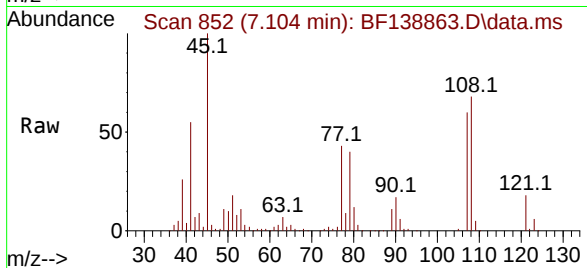




#17
2-Methylphenol
Concen: 48.073 ng
RT: 7.104 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

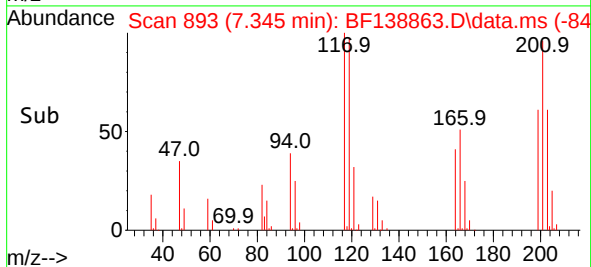
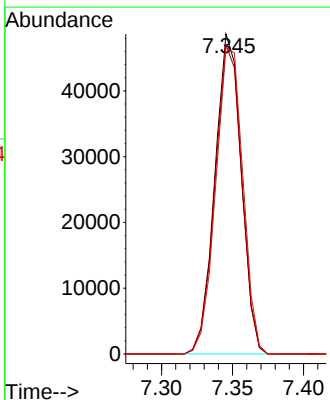
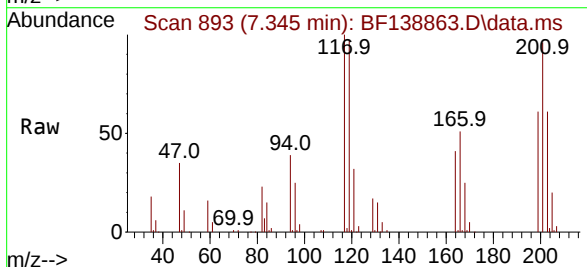
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:107 Resp: 131230
Ion Ratio Lower Upper
107 100
108 113.8 89.2 133.8
77 72.8 43.0 64.4#
79 67.0 42.2 63.2#



#18
Hexachloroethane
Concen: 44.637 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:117 Resp: 62748
Ion Ratio Lower Upper
117 100
119 96.5 74.6 111.8
201 95.9 77.2 115.8



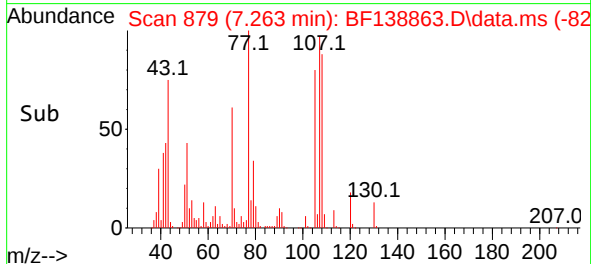
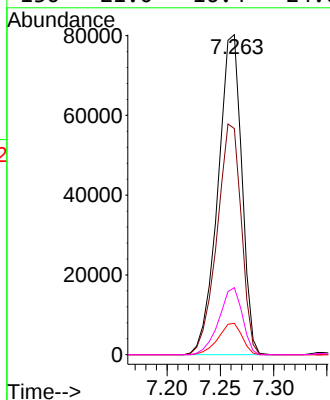
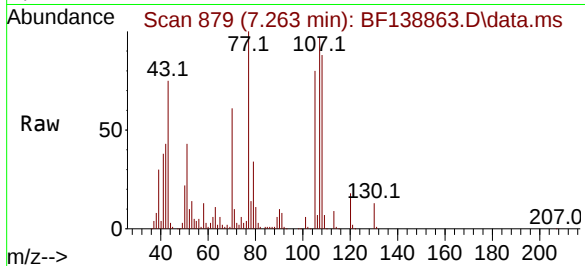


#19
n-Nitroso-di-n-propylamine
Concen: 48.915 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion: 70 Resp: 124632

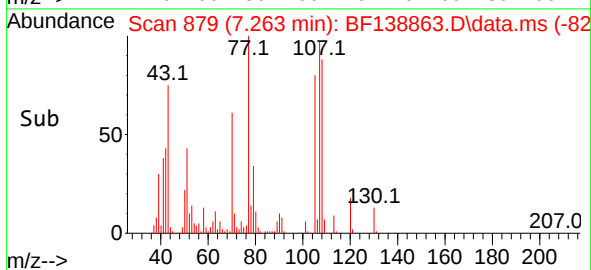
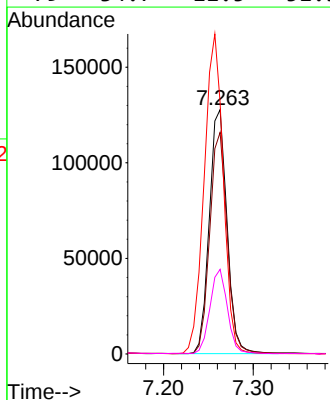
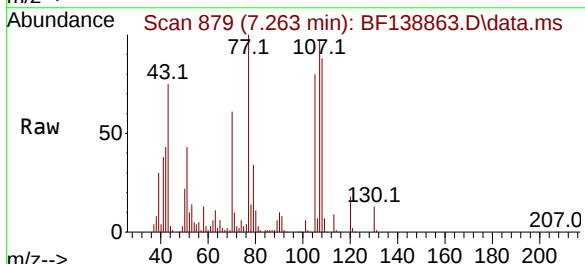
Ion	Ratio	Lower	Upper
70	100		
42	70.6	57.4	86.0
101	9.8	7.5	11.3
130	21.0	16.4	24.6

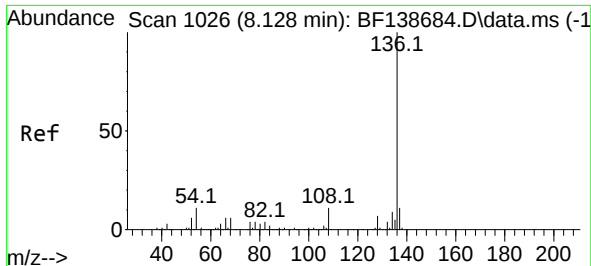


#20
3+4-Methylphenols
Concen: 49.913 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion: 107 Resp: 174816

Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	102.9	132.1	172.1#
79	34.7	11.5	51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

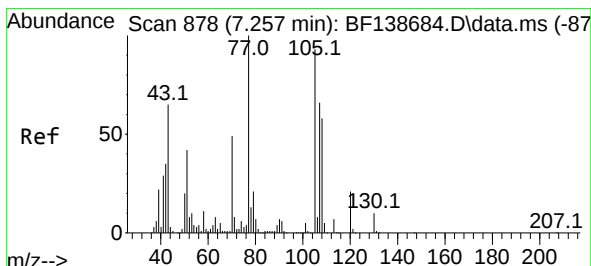
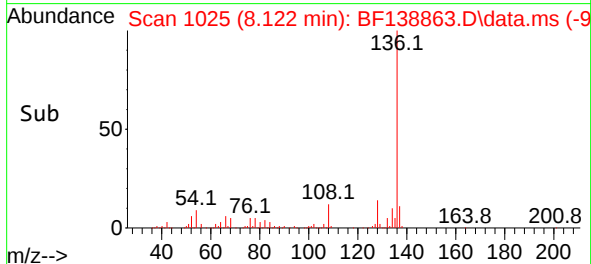
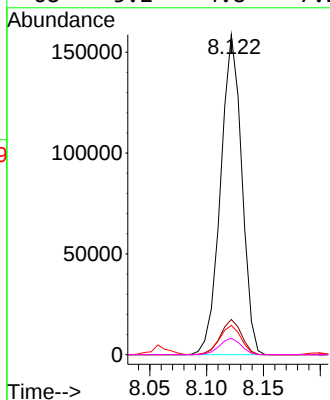
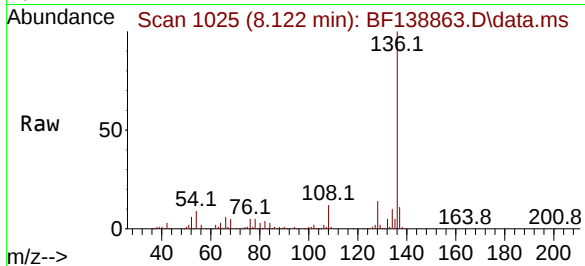
Instrument :

BNA_F

ClientSampleId :

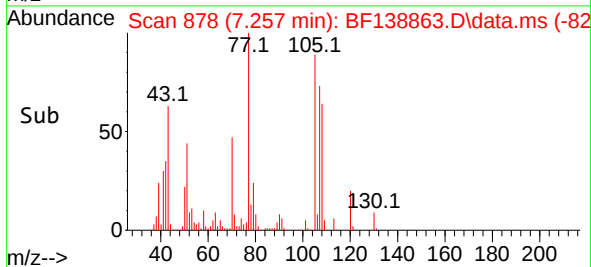
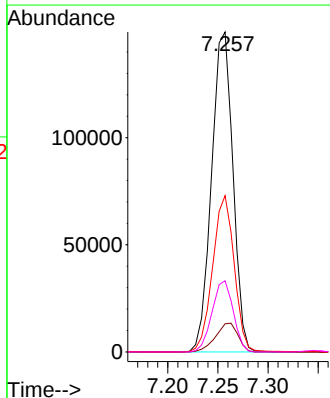
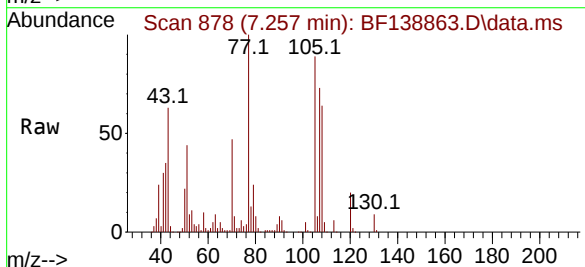
PB162401BS

Tgt Ion:136 Resp: 206341
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.2 8.6 12.8
68 5.2 4.8 7.2



#22
Acetophenone
Concen: 43.729 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:105 Resp: 220931
Ion Ratio Lower Upper
105 100
71 8.8 7.2 10.8
51 48.8 35.9 53.9
120 22.2 17.6 26.4





#23

Nitrobenzene-d5

Concen: 84.208 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

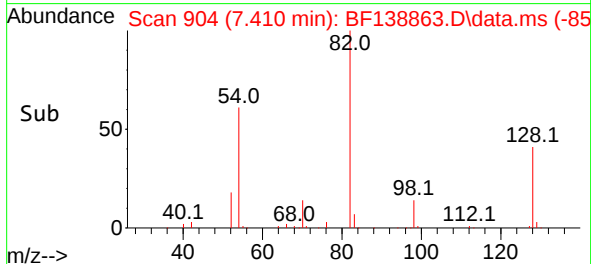
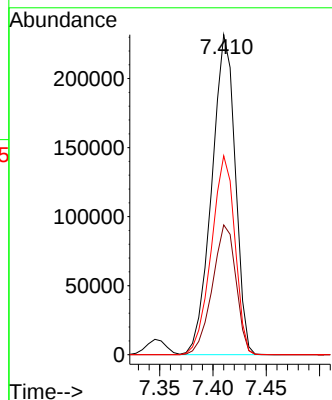
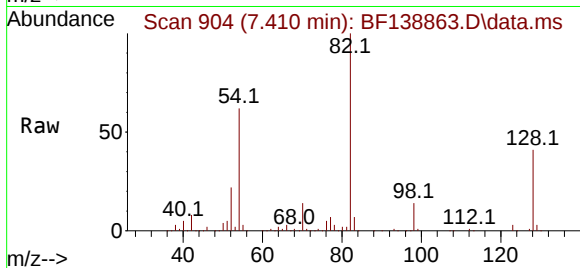
Tgt Ion: 82 Resp: 355391

Ion Ratio Lower Upper

82 100

128 40.5 32.8 49.2

54 62.1 48.3 72.5



#24

Nitrobenzene

Concen: 43.506 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

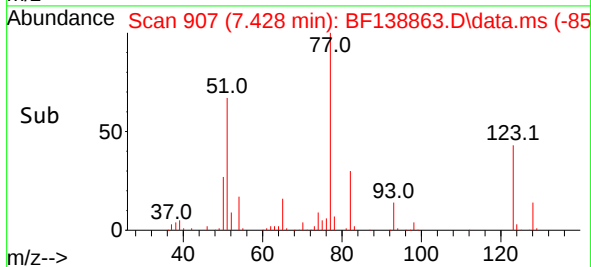
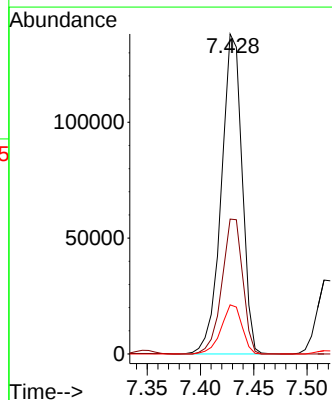
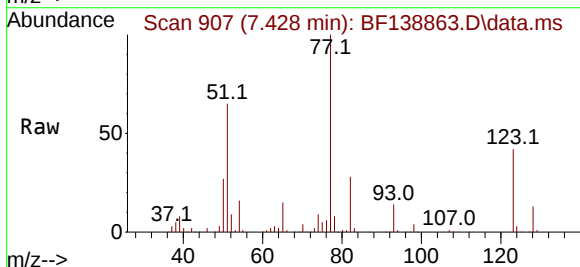
Tgt Ion: 77 Resp: 186837

Ion Ratio Lower Upper

77 100

123 42.2 33.3 49.9

65 15.4 11.9 17.9

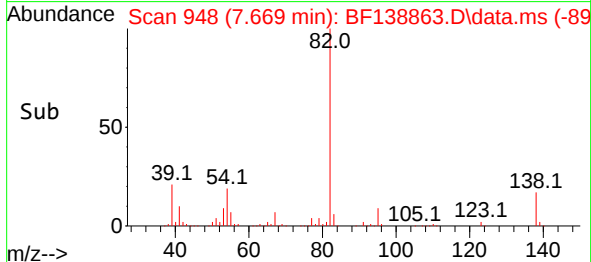
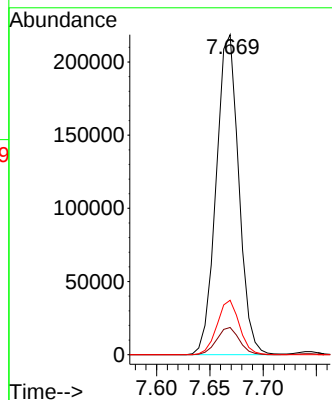
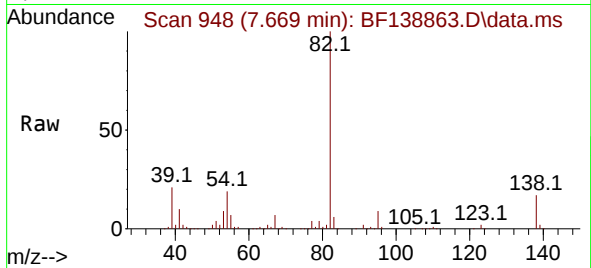




#25
Isophorone
Concen: 44.679 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

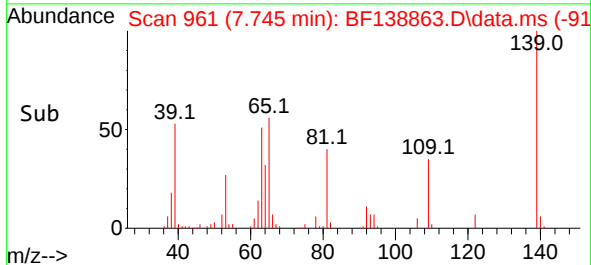
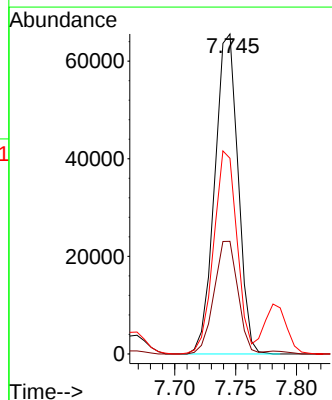
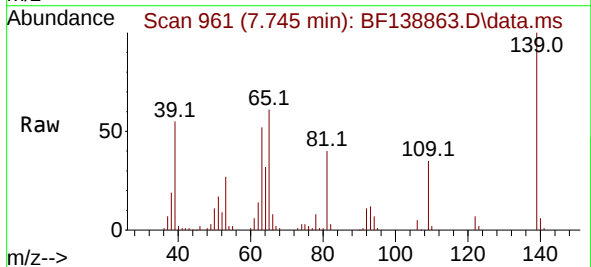
Instrument :
BNA_F
ClientSampleId :
PB162401BS

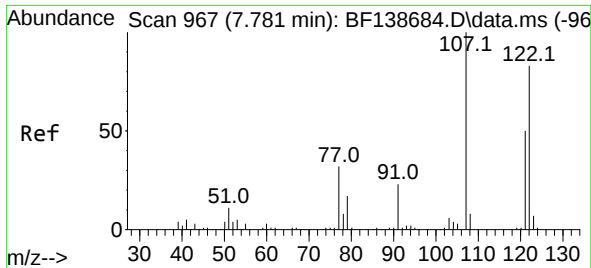
Tgt Ion: 82 Resp: 321983
Ion Ratio Lower Upper
82 100
95 8.5 5.7 8.5
138 17.0 13.7 20.5



#26
2-Nitrophenol
Concen: 47.401 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion: 139 Resp: 87581
Ion Ratio Lower Upper
139 100
109 35.2 25.9 38.9
65 61.1 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 50.293 ng

RT: 7.781 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

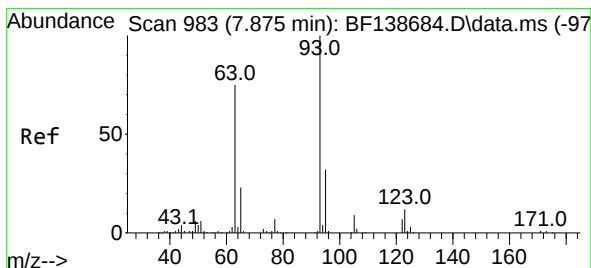
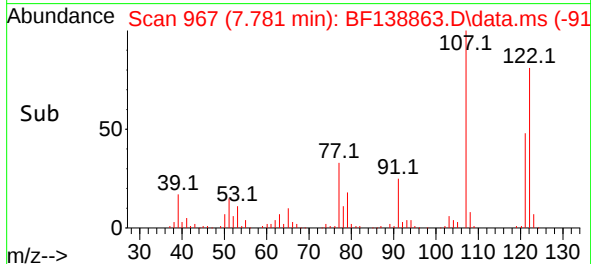
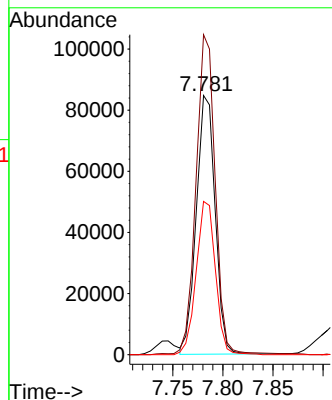
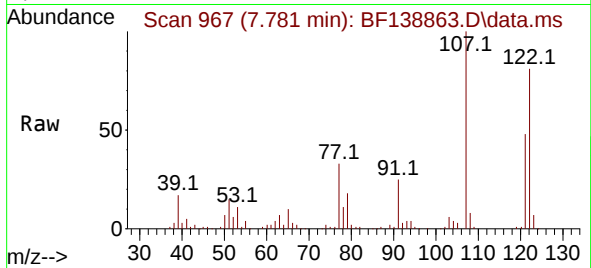
Tgt Ion:122 Resp: 111180

Ion Ratio Lower Upper

122 100

107 123.5 95.0 142.6

121 59.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.773 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

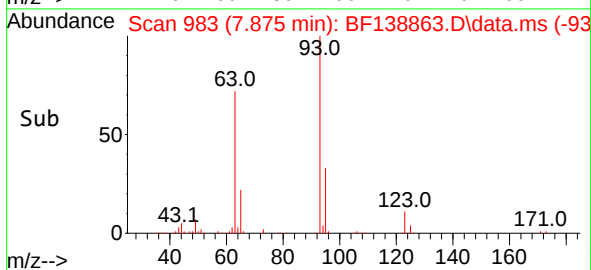
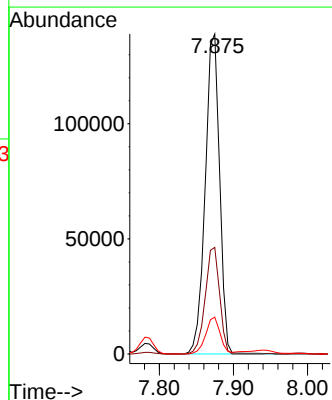
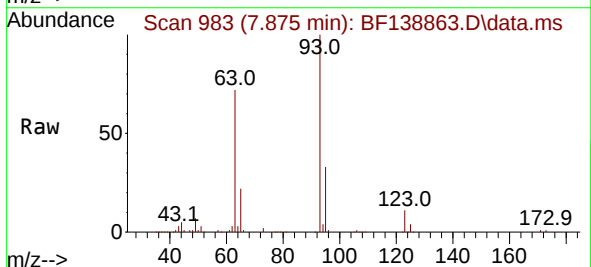
Tgt Ion: 93 Resp: 187712

Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.8

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.417 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

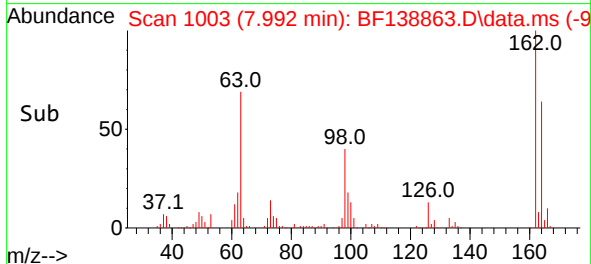
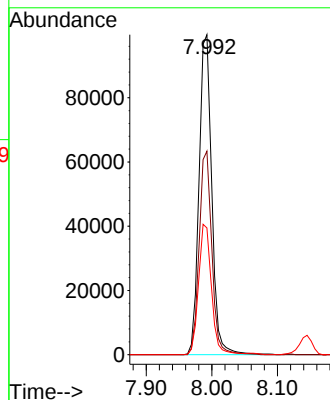
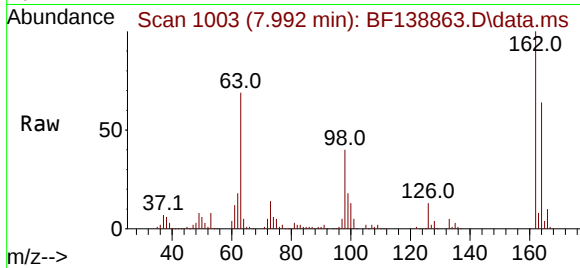
Tgt Ion:162 Resp: 134696

Ion Ratio Lower Upper

162 100

164 63.6 44.7 84.7

98 39.6 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 43.649 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

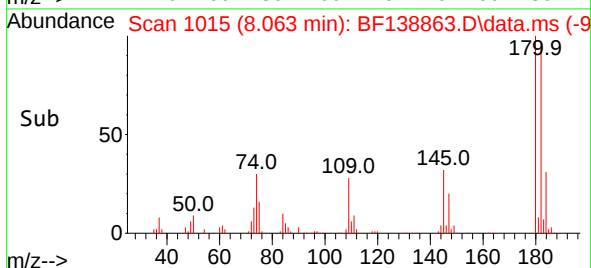
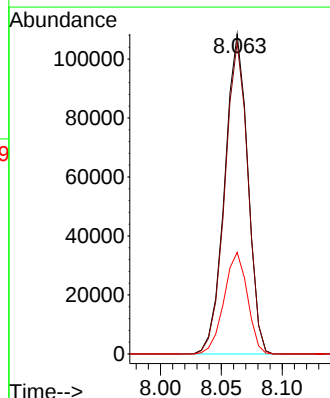
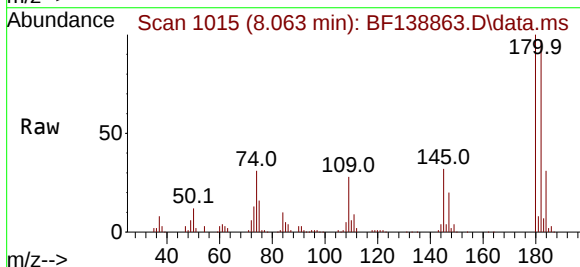
Tgt Ion:180 Resp: 143091

Ion Ratio Lower Upper

180 100

182 97.4 76.9 115.3

145 31.7 25.0 37.4

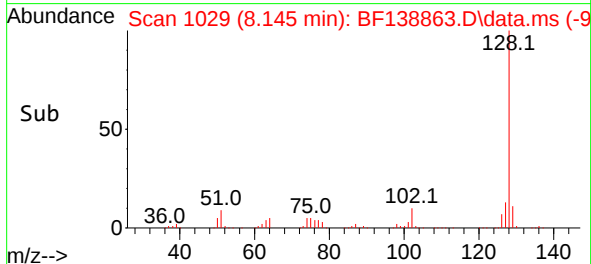
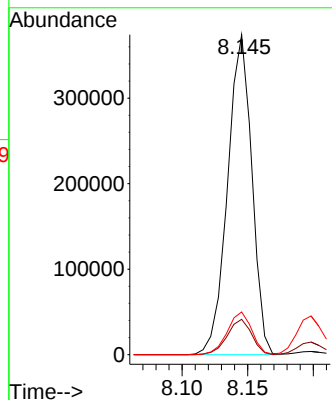
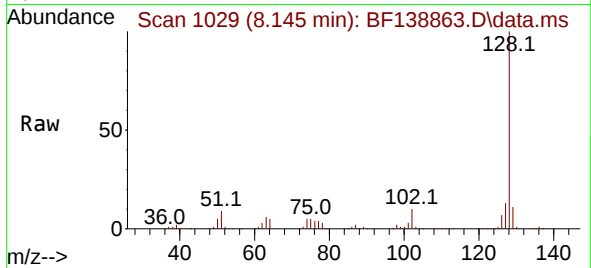




#31
Naphthalene
Concen: 44.348 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

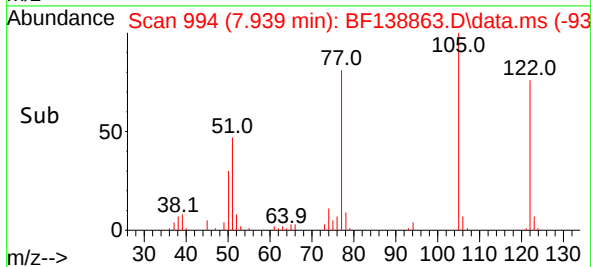
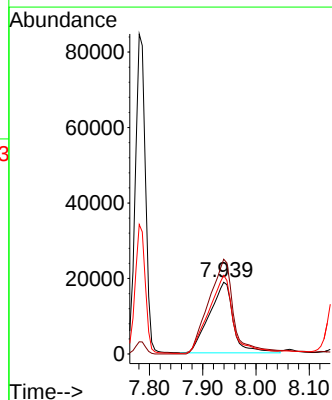
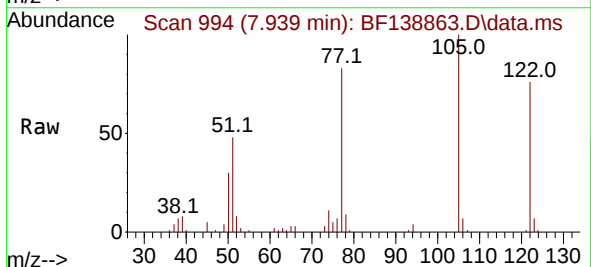
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:128 Resp: 481673
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 33.502 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:122 Resp: 58218
Ion Ratio Lower Upper
122 100
105 132.1 106.7 146.7
77 109.5 81.1 121.1

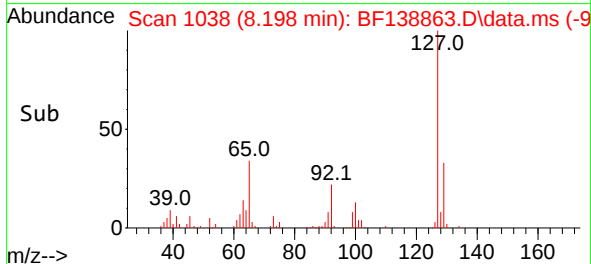
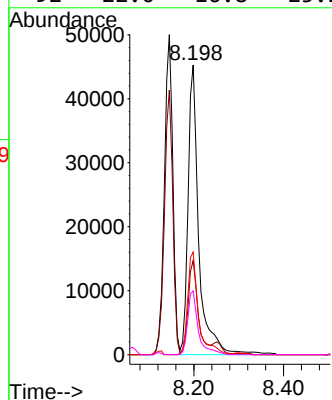
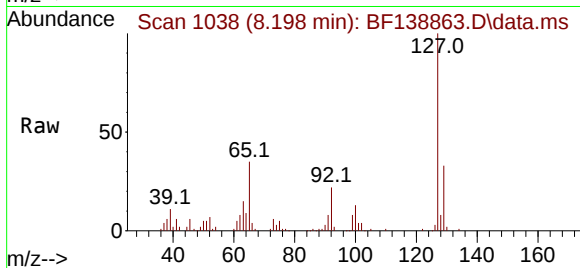




#33
4-Chloroaniline
Concen: 20.822 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

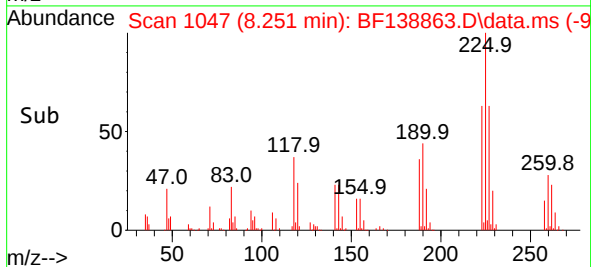
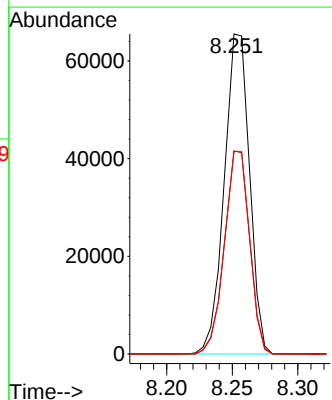
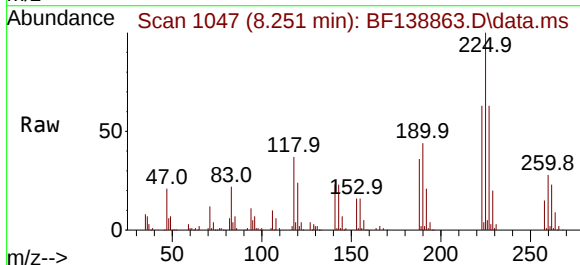
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:	127	Resp:	75915
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.9	38.9
65	35.4	27.6	41.4
92	22.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.257 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:	225	Resp:	87876
Ion Ratio	Lower	Upper	
225	100		
223	63.4	51.2	76.8
227	63.3	51.1	76.7

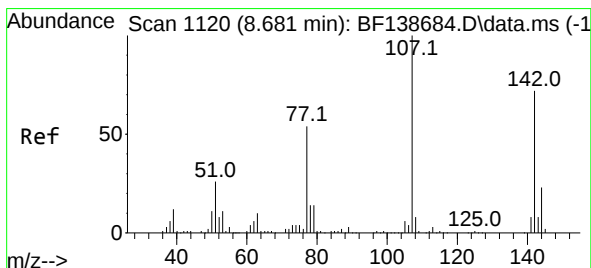
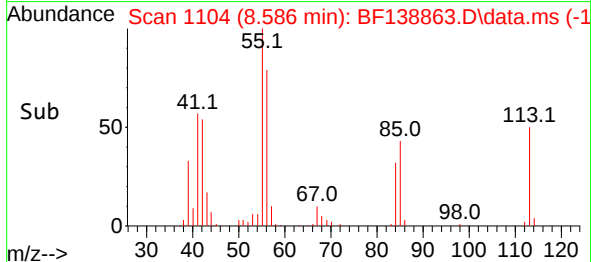
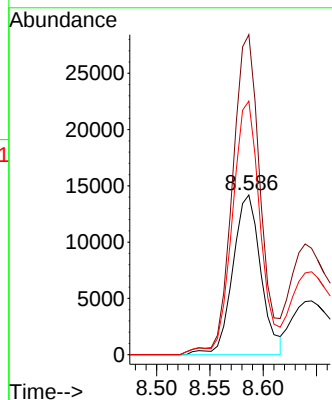
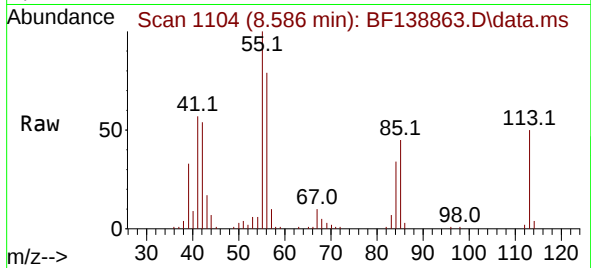




#35
Caprolactam
Concen: 30.654 ng
RT: 8.586 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

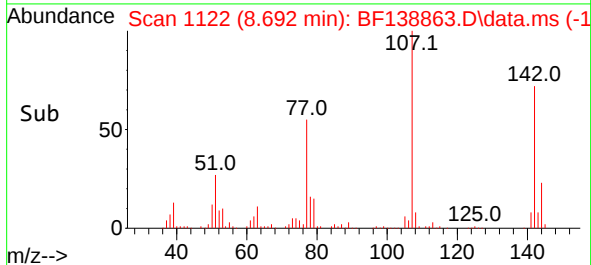
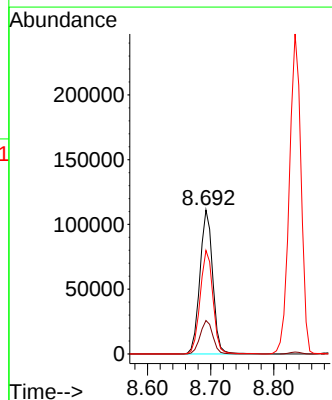
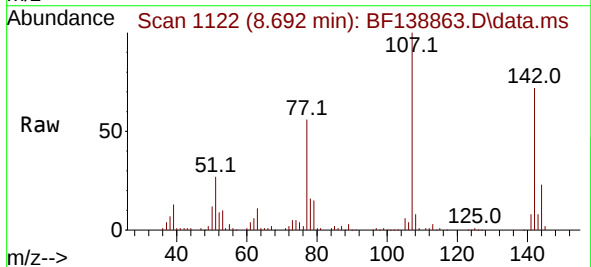
Instrument :
BNA_F
ClientSampleId :
PB162401BS

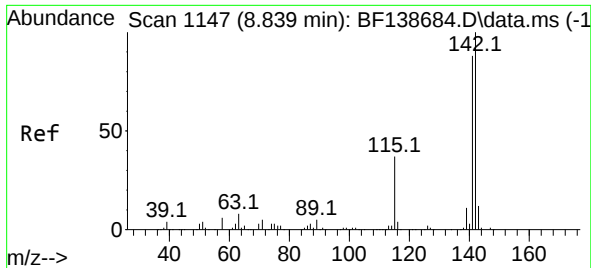
Tgt Ion:113 Resp: 25983
Ion Ratio Lower Upper
113 100
55 200.3 186.7 226.7
56 158.7 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 48.156 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:107 Resp: 156336
Ion Ratio Lower Upper
107 100
144 23.2 18.2 27.2
142 71.8 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.162 ng

RT: 8.834 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

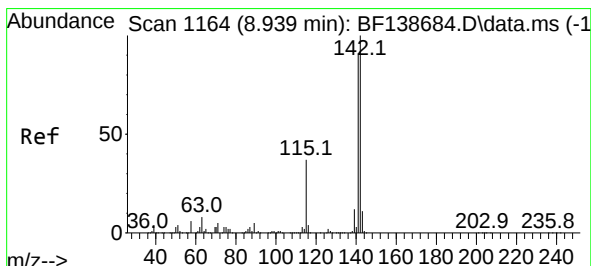
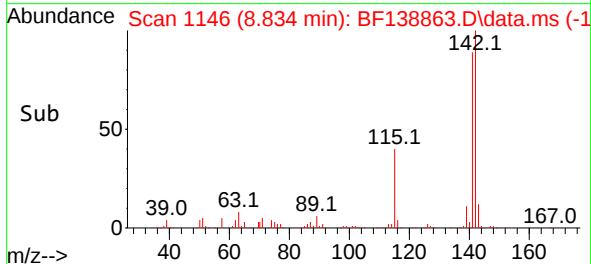
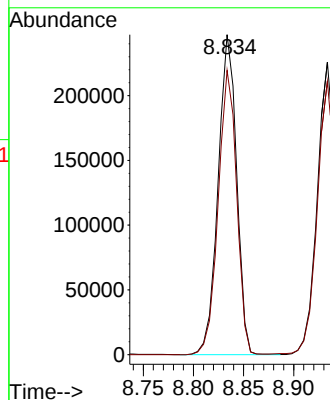
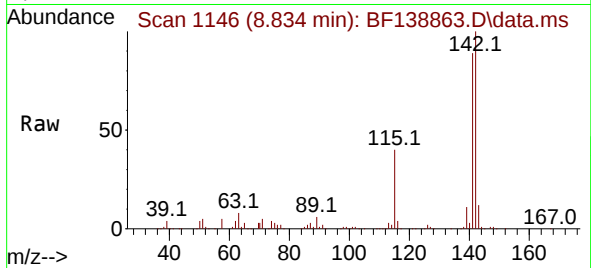
PB162401BS

Tgt Ion:142 Resp: 316642

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 42.944 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138863.D

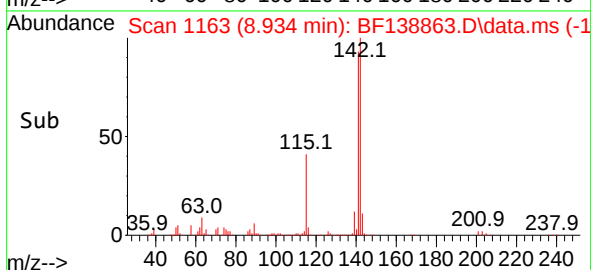
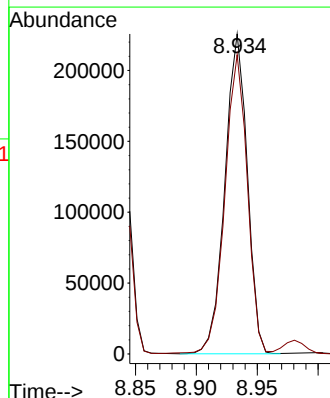
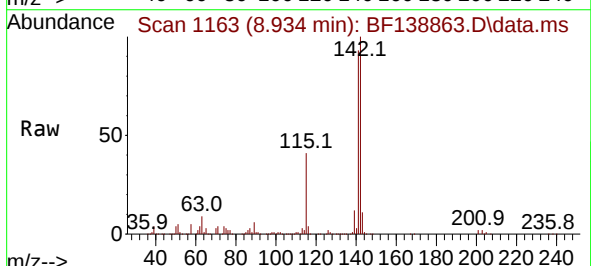
Acq: 08 Aug 2024 13:52

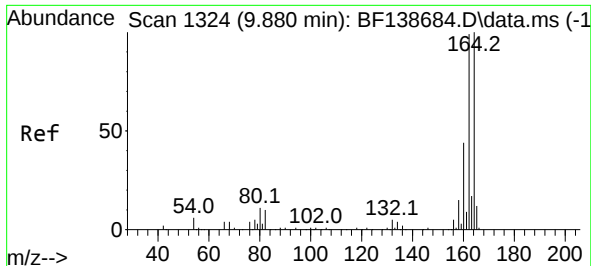
Tgt Ion:142 Resp: 288654

Ion Ratio Lower Upper

142 100

141 93.5 73.1 109.7

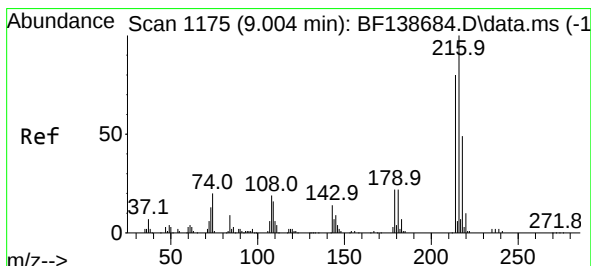
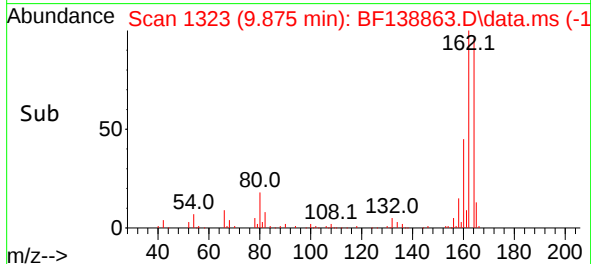
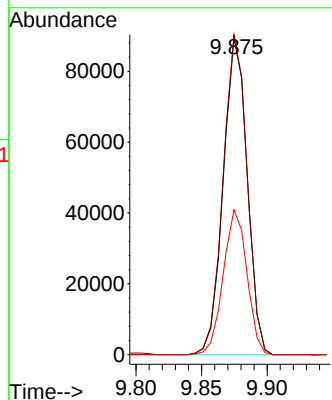
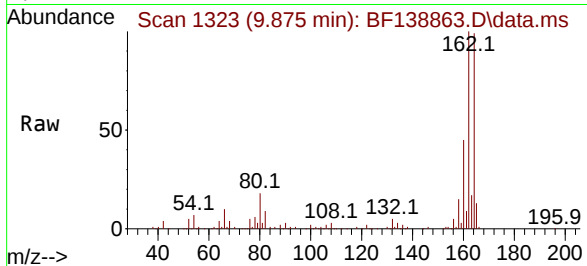




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

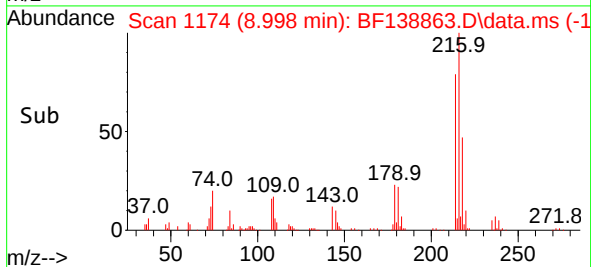
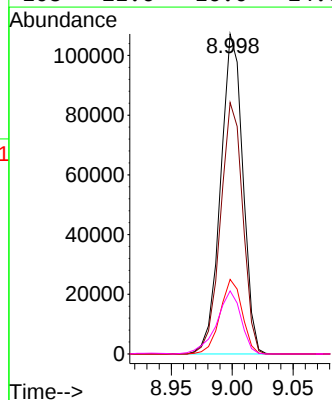
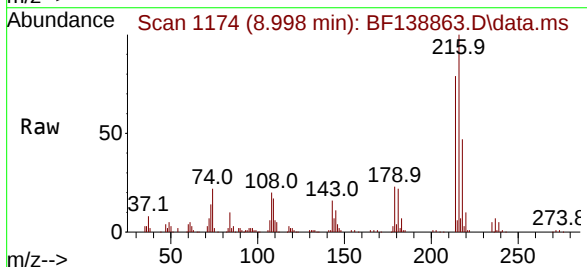
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:164 Resp: 113225
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.0
160 45.7 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.380 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

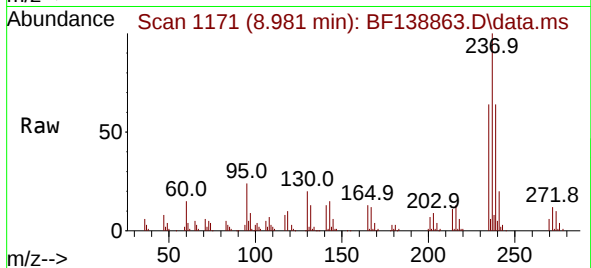
Tgt Ion:216 Resp: 136441
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 23.1 17.8 26.6
108 21.6 16.0 24.0



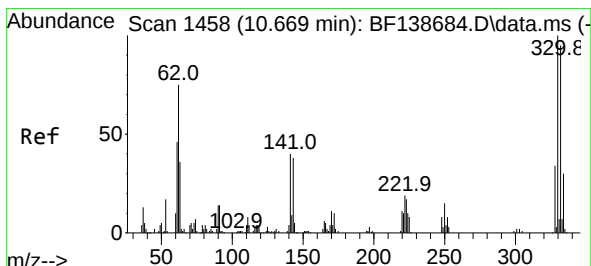
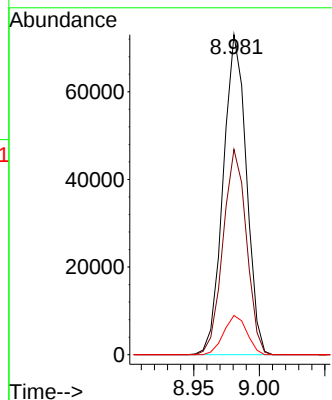
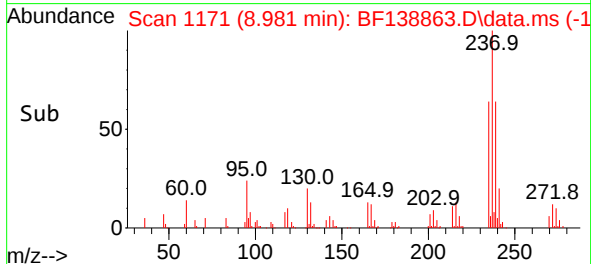


#41
Hexachlorocyclopentadiene
Concen: 105.292 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

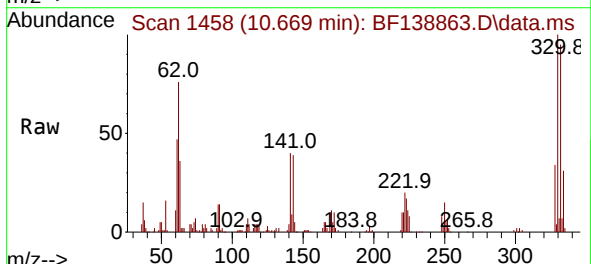
Instrument :
BNA_F
ClientSampleId :
PB162401BS



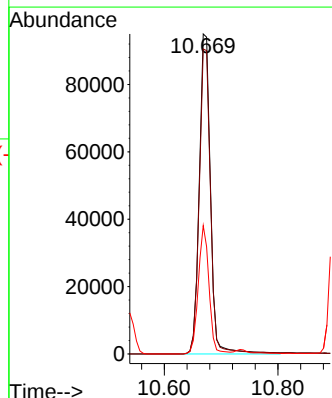
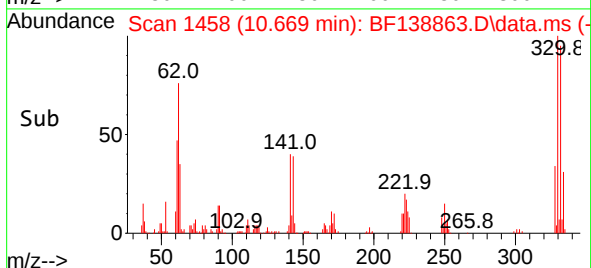
Tgt Ion:237 Resp: 89664
Ion Ratio Lower Upper
237 100
235 64.1 41.8 81.8
272 12.2 0.0 32.2

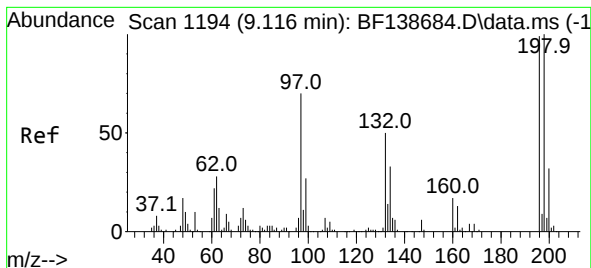


#42
2,4,6-Tribromophenol
Concen: 141.454 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52



Tgt Ion:330 Resp: 131194
Ion Ratio Lower Upper
330 100
332 96.4 76.4 114.6
141 38.1 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 45.385 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

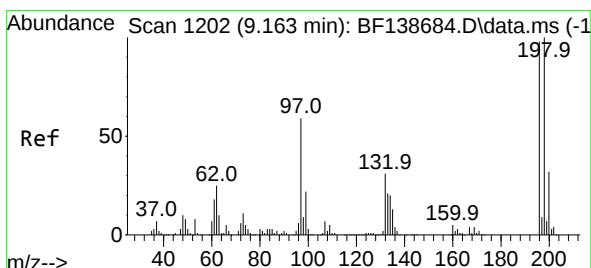
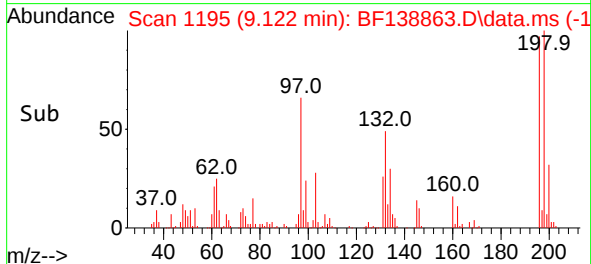
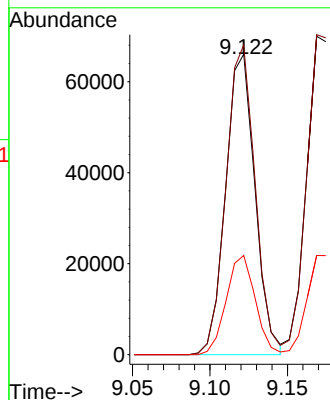
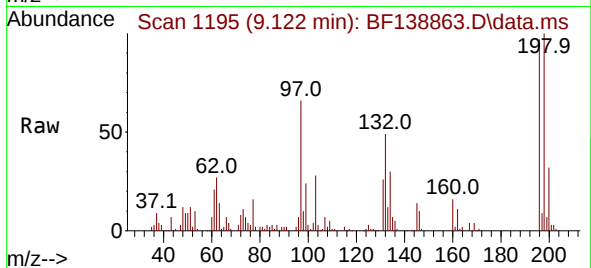
Tgt Ion:196 Resp: 87034

Ion Ratio Lower Upper

196 100

198 103.1 80.5 120.7

200 33.0 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 44.988 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Tgt Ion:196 Resp: 94315

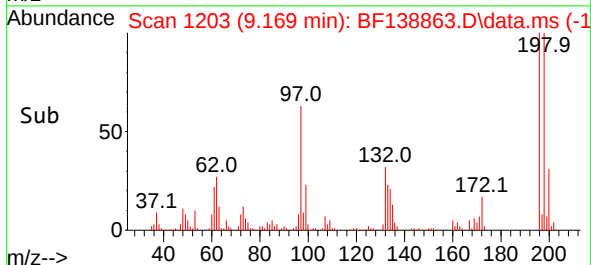
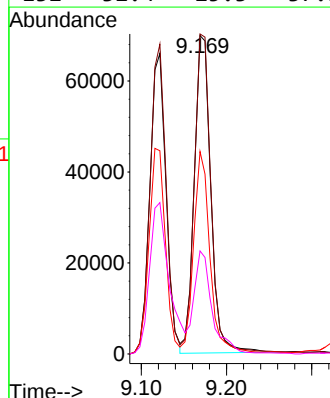
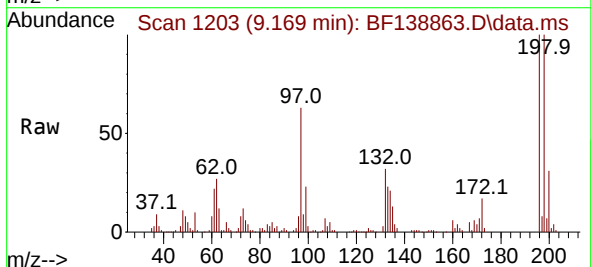
Ion Ratio Lower Upper

196 100

198 100.5 81.2 121.8

97 63.5 47.8 71.6

132 32.4 25.3 37.9

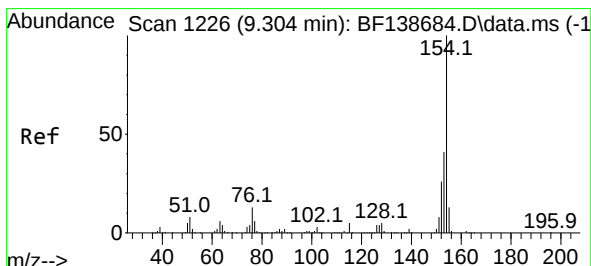
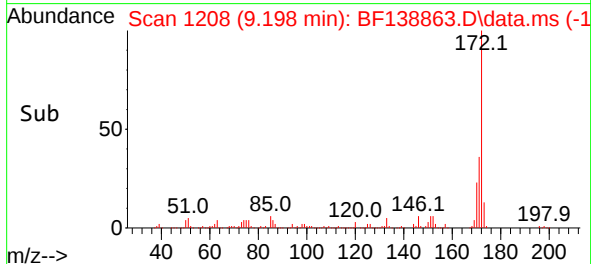
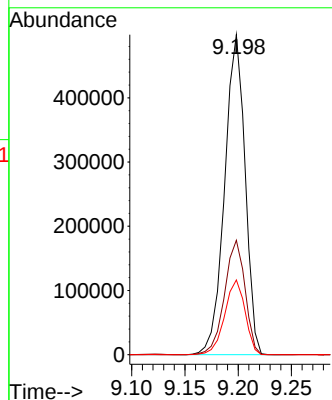
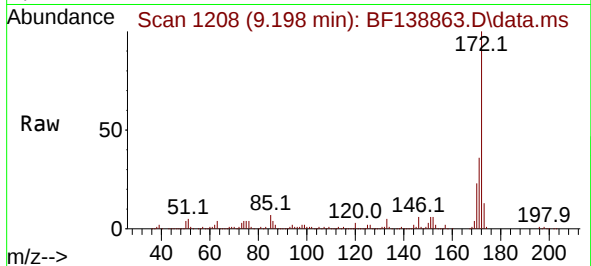




#45
2-Fluorobiphenyl
Concen: 88.103 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

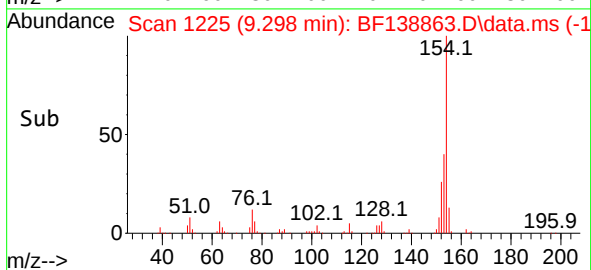
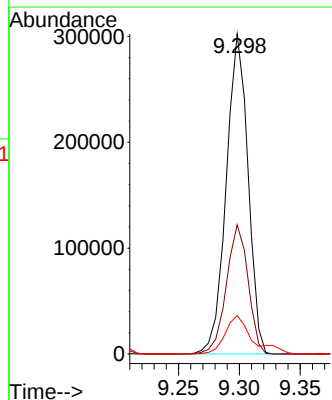
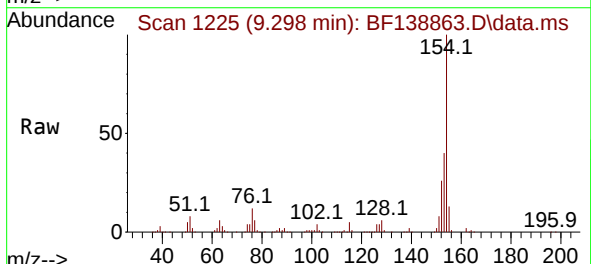
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:172 Resp: 663928
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.328 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:154 Resp: 375346
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 12.0 0.0 32.8

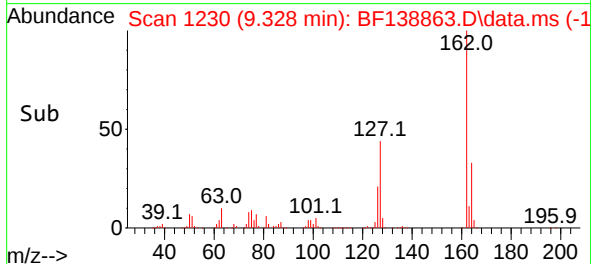
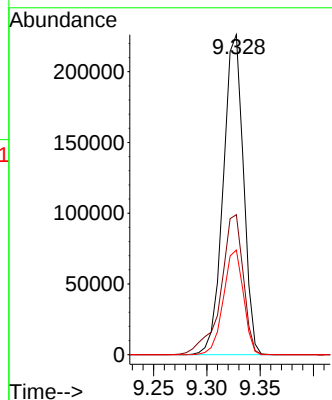
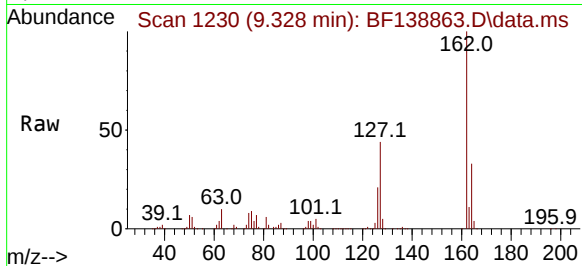




#47
2-Chloronaphthalene
Concen: 45.129 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

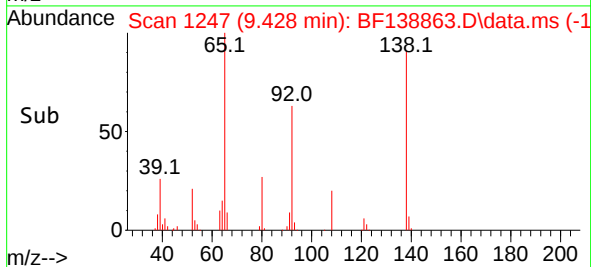
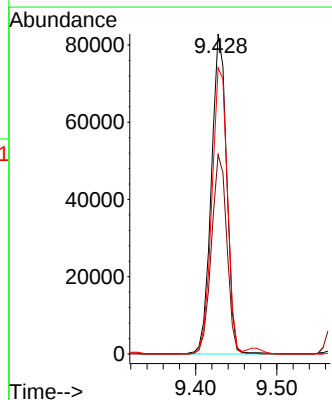
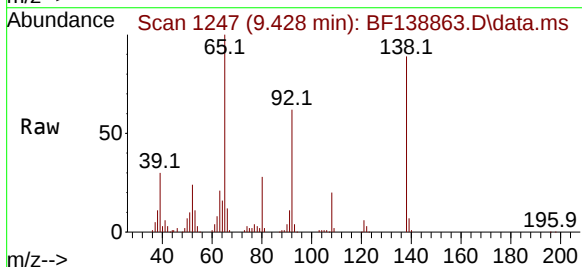
Instrument :
BNA_F
ClientSampleId :
PB162401BS

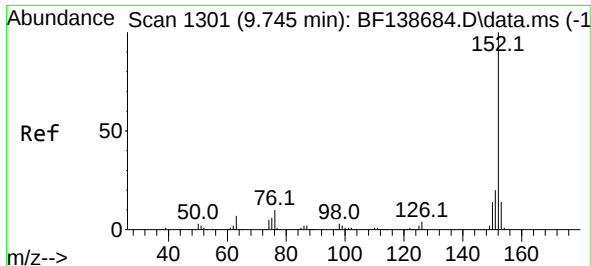
Tgt Ion:162 Resp: 297629
Ion Ratio Lower Upper
162 100
127 43.7 35.4 53.2
164 32.7 25.6 38.4



#48
2-Nitroaniline
Concen: 48.468 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion: 65 Resp: 108365
Ion Ratio Lower Upper
65 100
92 62.3 52.0 78.0
138 89.4 76.2 114.4





#49

Acenaphthylene

Concen: 50.073 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

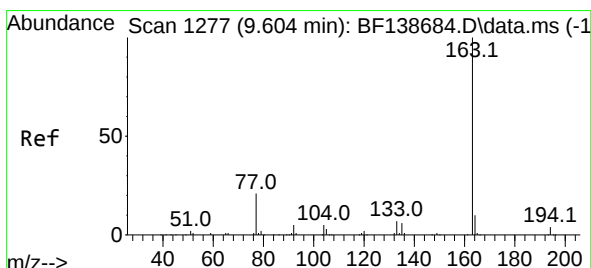
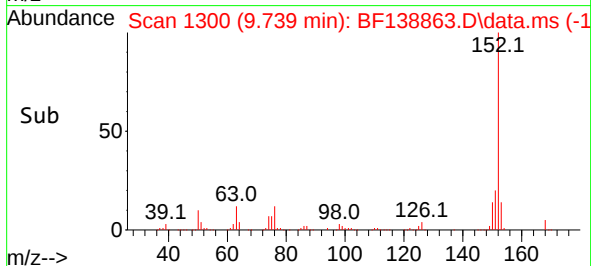
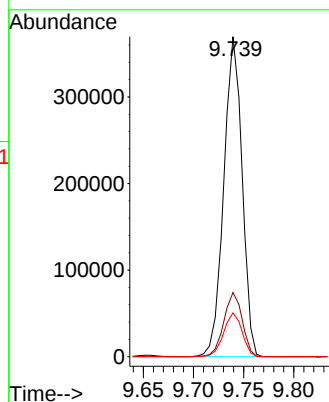
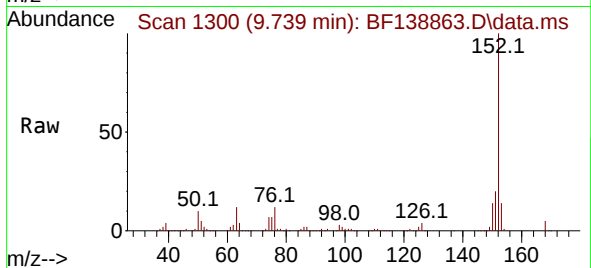
Tgt Ion:152 Resp: 468377

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.7 11.0 16.4



#50

Dimethylphthalate

Concen: 48.576 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

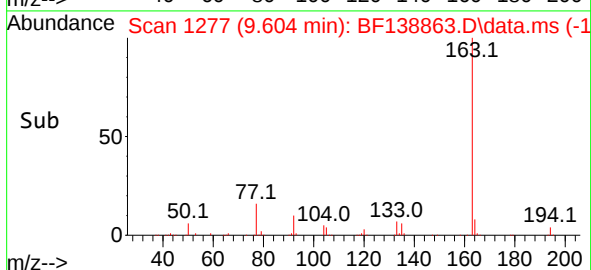
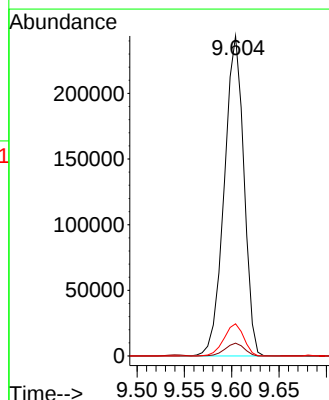
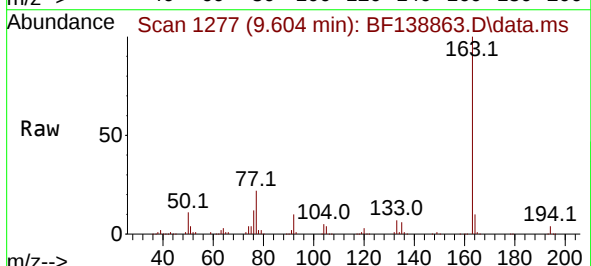
Tgt Ion:163 Resp: 351681

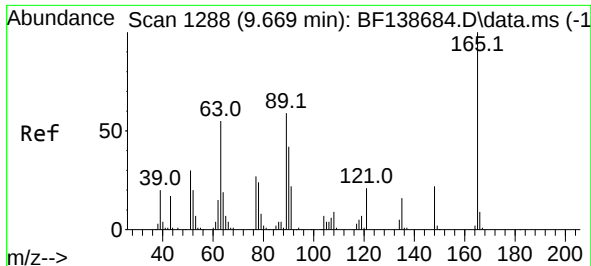
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.0 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 47.139 ng

RT: 9.669 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

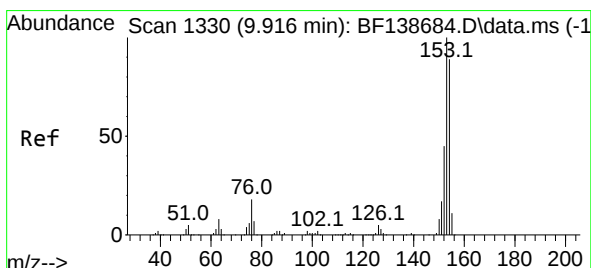
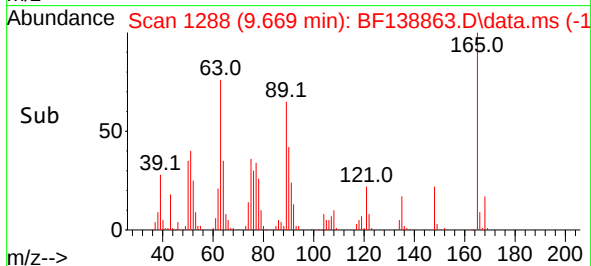
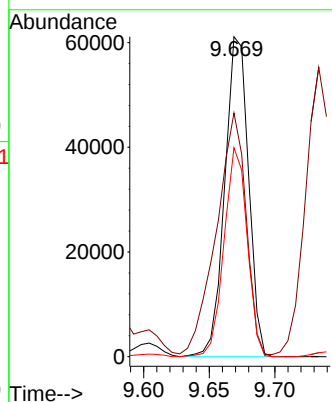
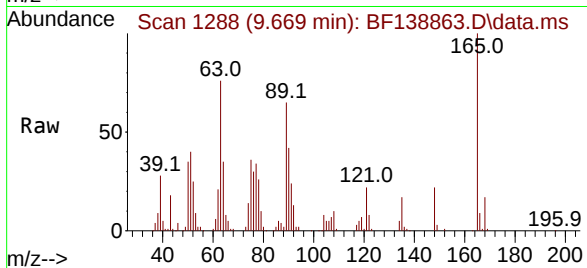
Tgt Ion:165 Resp: 77020

Ion Ratio Lower Upper

165 100

63 76.2 52.0 78.0

89 65.3 47.0 70.6



#52

Acenaphthene

Concen: 44.939 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

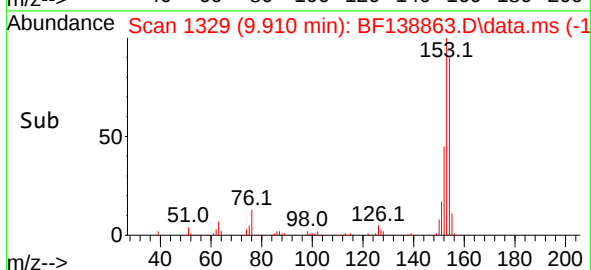
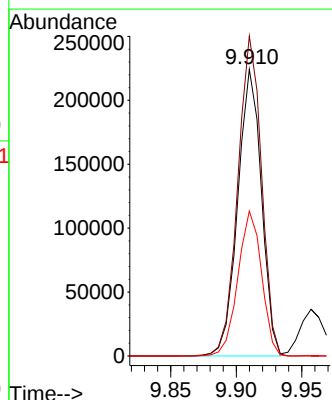
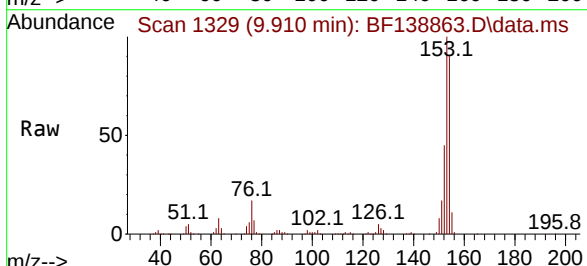
Tgt Ion:154 Resp: 282570

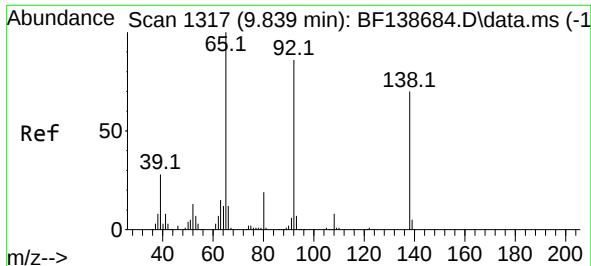
Ion Ratio Lower Upper

154 100

153 111.6 89.9 134.9

152 50.6 40.6 60.8

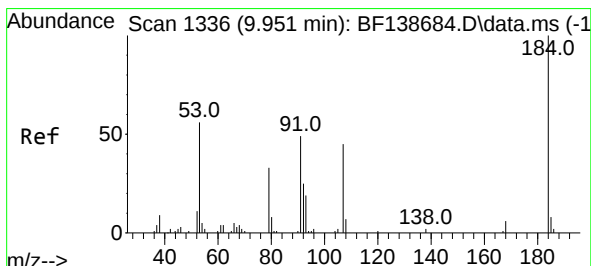
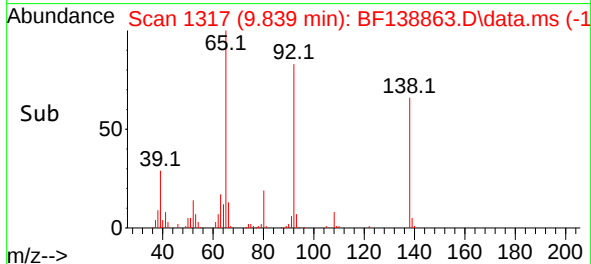
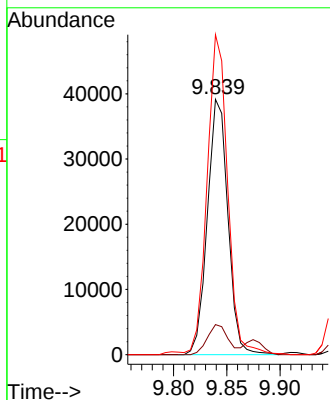
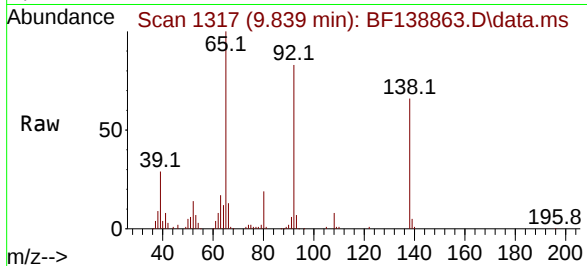




#53
3-Nitroaniline
Concen: 31.163 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

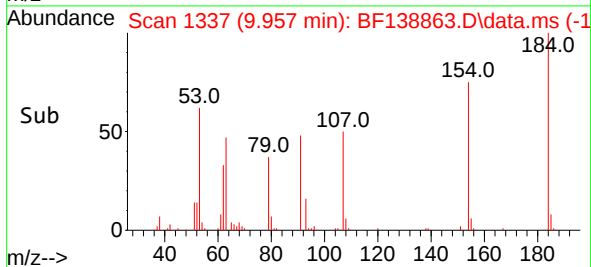
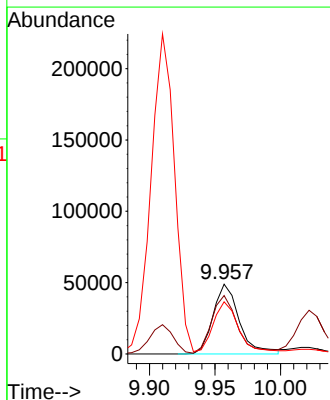
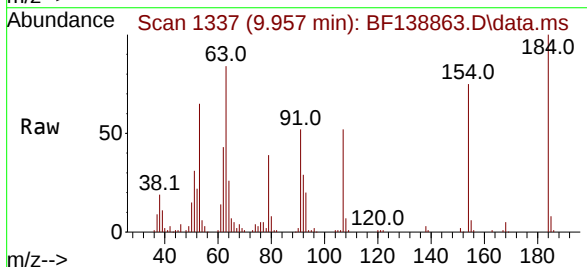
Instrument :
BNA_F
ClientSampleId :
PB162401BS

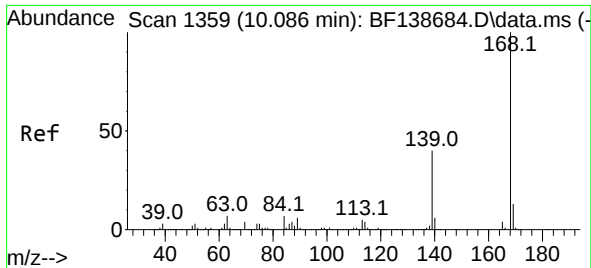
Tgt Ion:138 Resp: 52637
Ion Ratio Lower Upper
138 100
108 11.8 9.1 13.7
92 125.3 98.7 148.1



#54
2,4-Dinitrophenol
Concen: 90.265 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:184 Resp: 67891
Ion Ratio Lower Upper
184 100
63 83.8 57.5 86.3
154 74.7 51.7 77.5

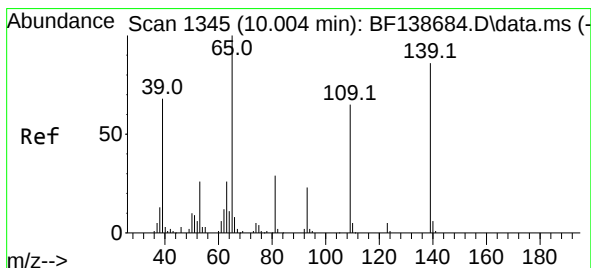
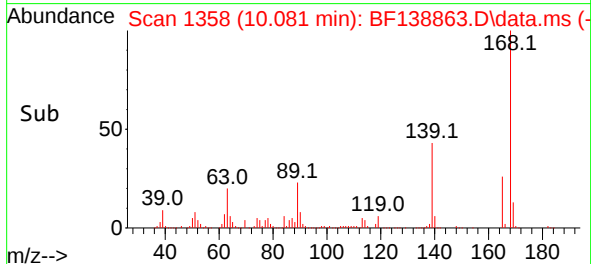
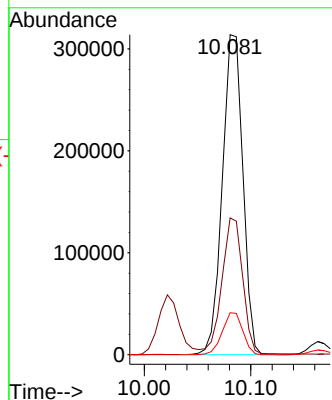
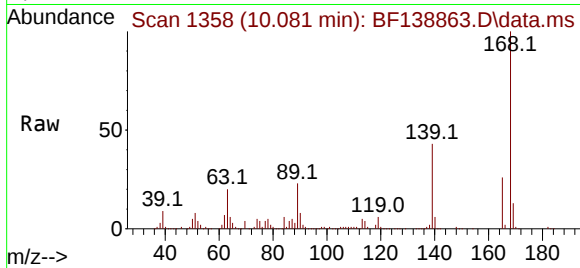




#55
Dibenzofuran
Concen: 47.378 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

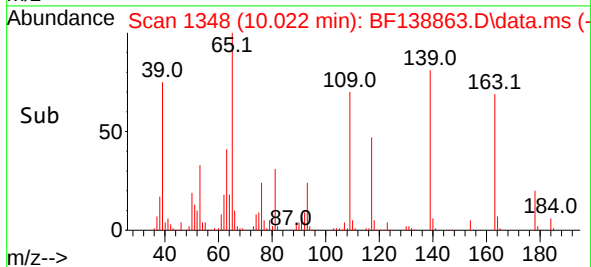
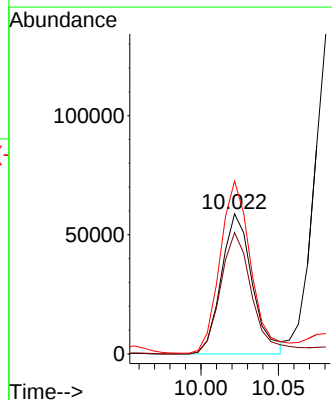
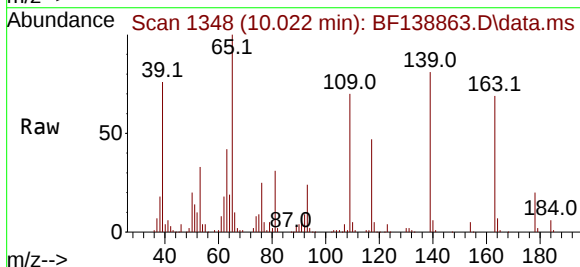
Instrument :
BNA_F
ClientSampleId :
PB162401BS

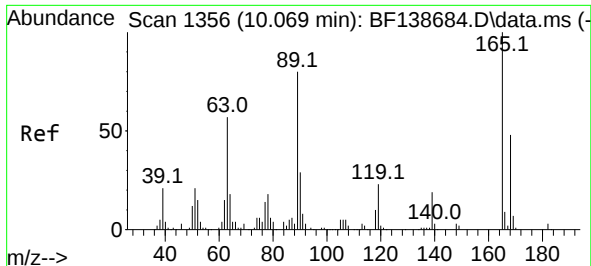
Tgt Ion:168 Resp: 420526
Ion Ratio Lower Upper
168 100
139 42.8 32.6 49.0
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 80.349 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:139 Resp: 81612
Ion Ratio Lower Upper
139 100
109 86.6 55.5 95.5
65 123.4 96.7 136.7

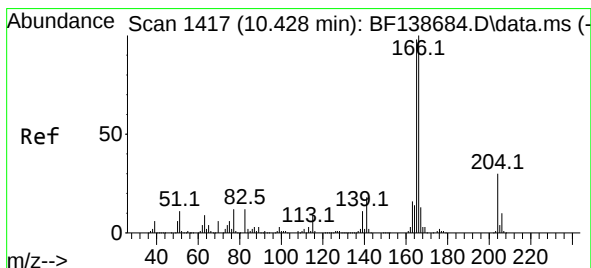
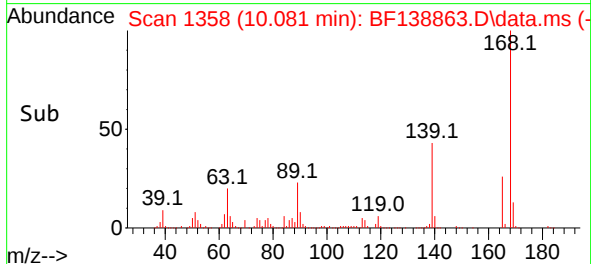
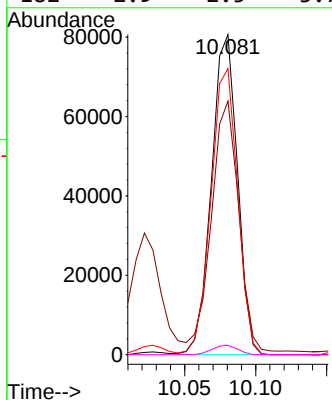
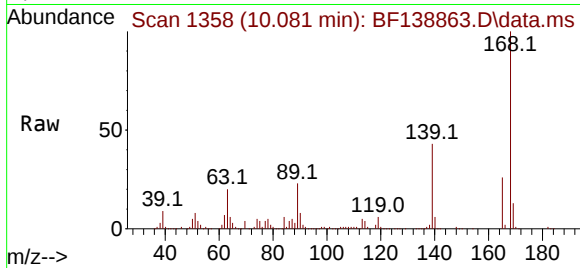




#57
2,4-Dinitrotoluene
Concen: 49.242 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

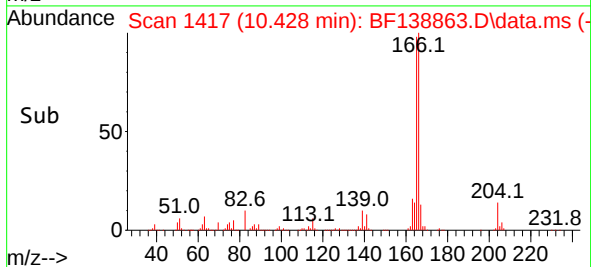
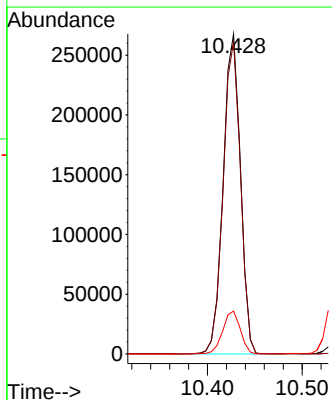
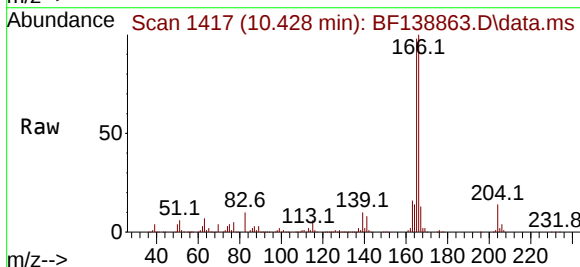
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:165 Resp: 102648
Ion Ratio Lower Upper
165 100
63 79.3 46.3 69.5#
89 89.4 64.2 96.4
182 2.9 2.5 3.7



#58
Fluorene
Concen: 48.053 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:166 Resp: 339649
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.4 10.6 16.0



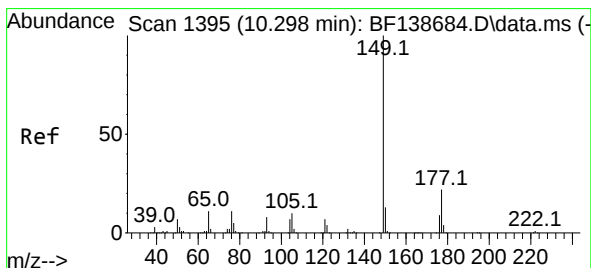
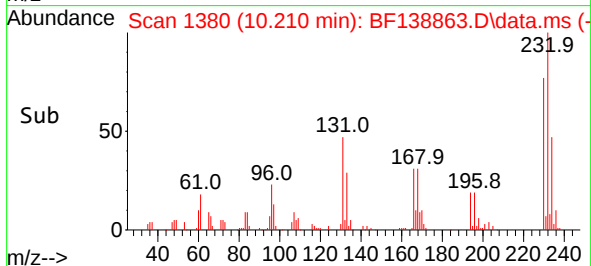
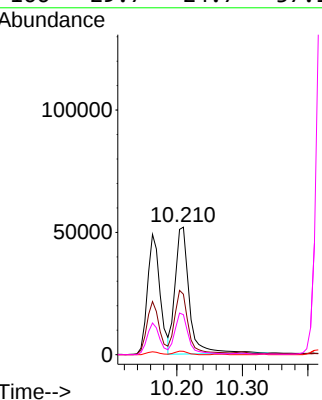
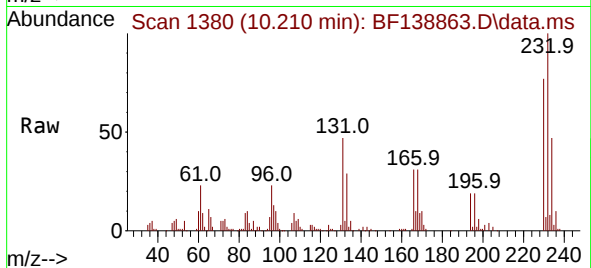


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.573 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:232 Resp: 77851

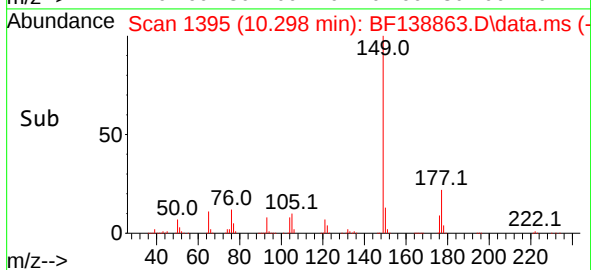
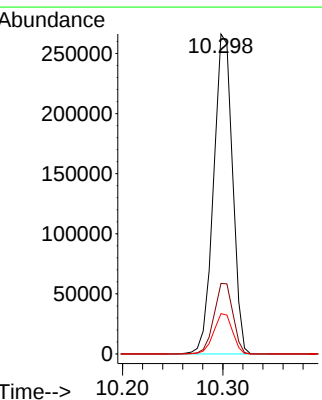
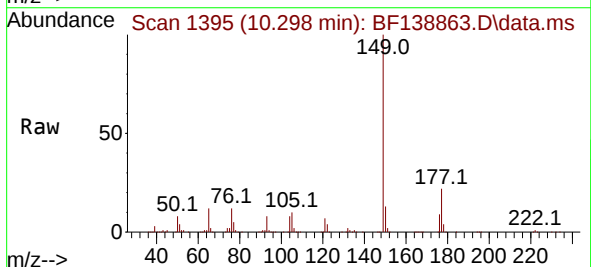
Ion	Ratio	Lower	Upper
232	100		
131	47.8	37.0	55.4
130	2.6	2.0	3.0
166	29.7	24.7	37.1

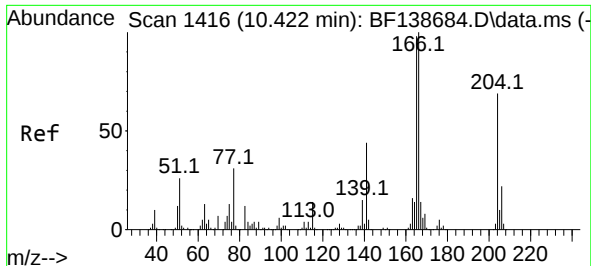


#60
Diethylphthalate
Concen: 50.689 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:149 Resp: 347956

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.8	26.8
150	12.6	10.1	15.1

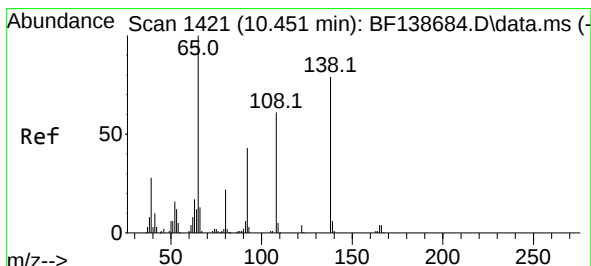
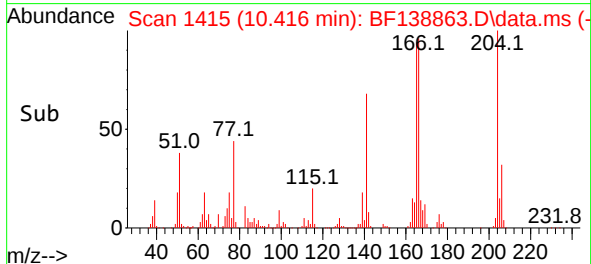
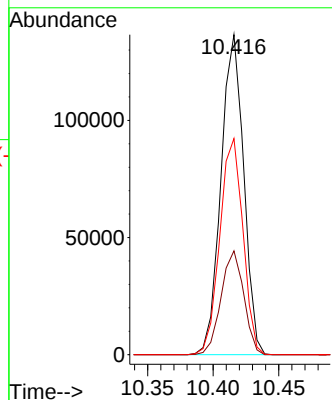
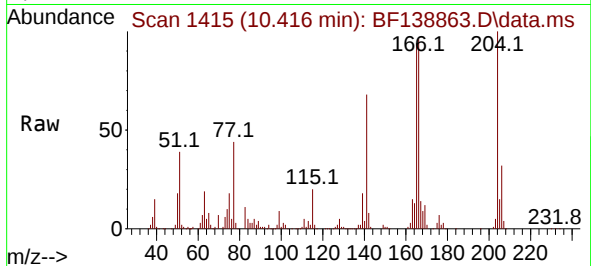




#61
4-Chlorophenyl-phenylether
Concen: 47.316 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

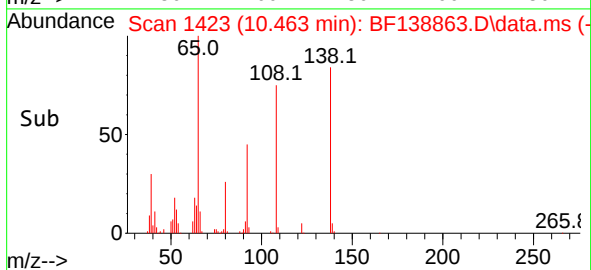
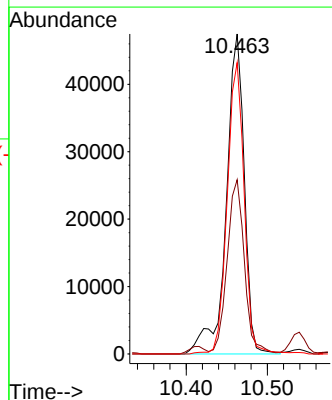
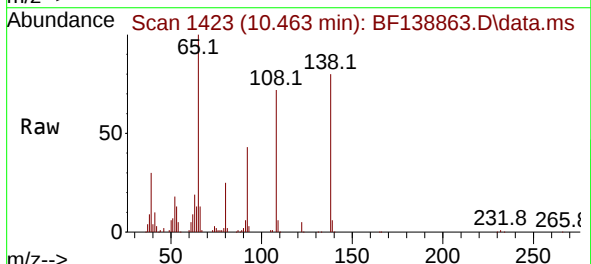
Instrument :
BNA_F
ClientSampleId :
PB162401BS

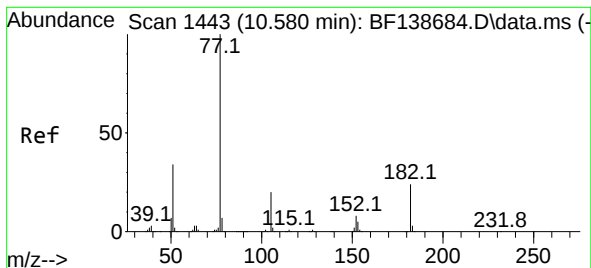
Tgt Ion:204 Resp: 164485
Ion Ratio Lower Upper
204 100
206 32.5 26.1 39.1
141 67.5 51.4 77.0



#62
4-Nitroaniline
Concen: 45.750 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:138 Resp: 73435
Ion Ratio Lower Upper
138 100
92 54.5 34.2 74.2
108 91.0 56.2 96.2





#63

Azobenzene

Concen: 46.881 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

Tgt Ion: 77 Resp: 356923

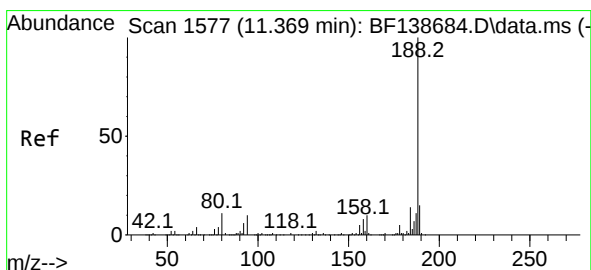
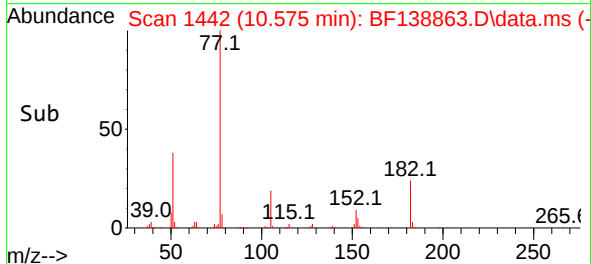
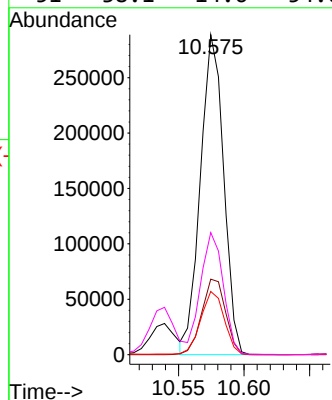
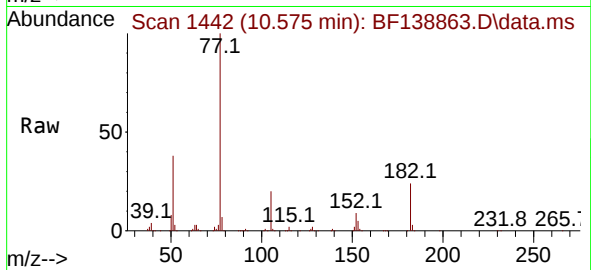
Ion Ratio Lower Upper

77 100

182 23.6 3.4 43.4

105 19.7 0.2 40.2

51 38.1 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

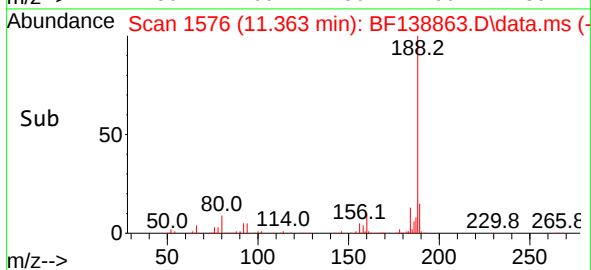
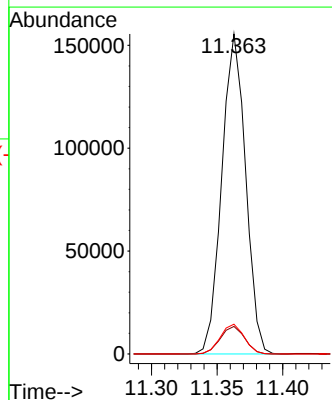
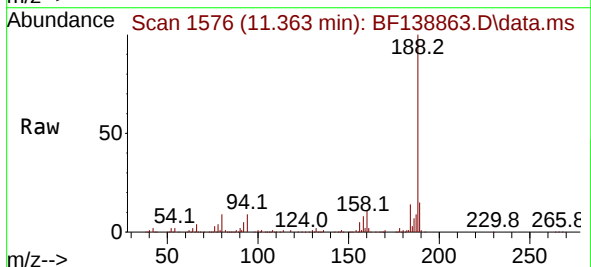
Tgt Ion: 188 Resp: 196298

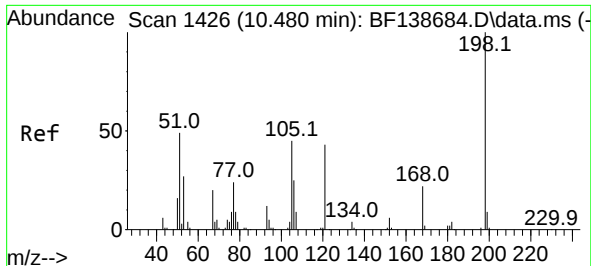
Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.3 8.6 12.8

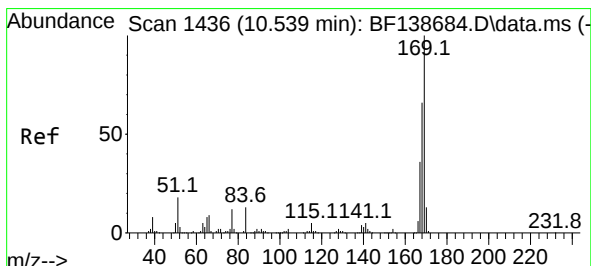
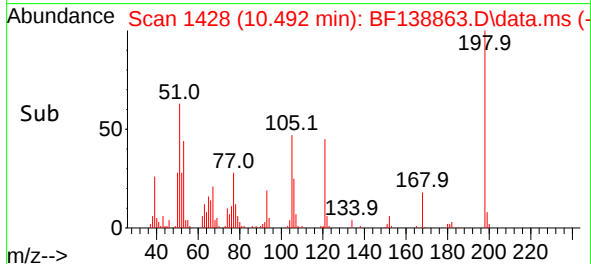
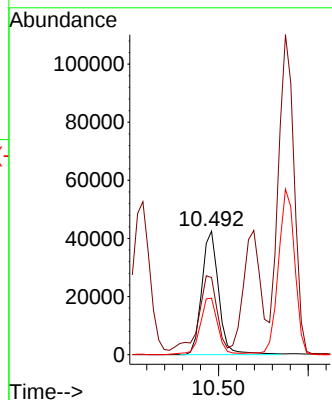
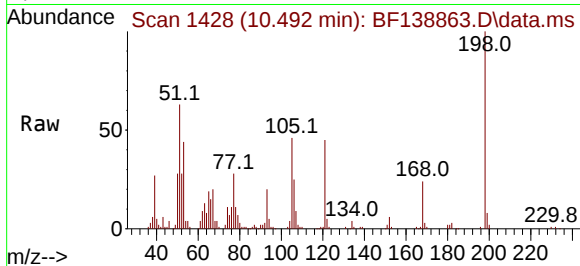




#65
4,6-Dinitro-2-methylphenol
Concen: 46.326 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

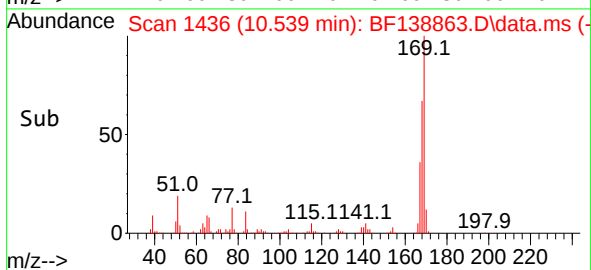
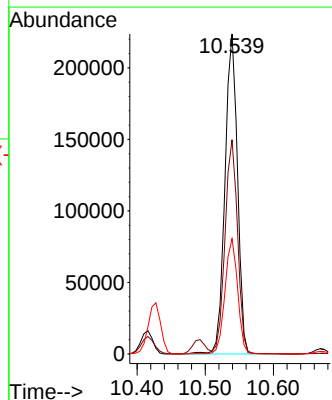
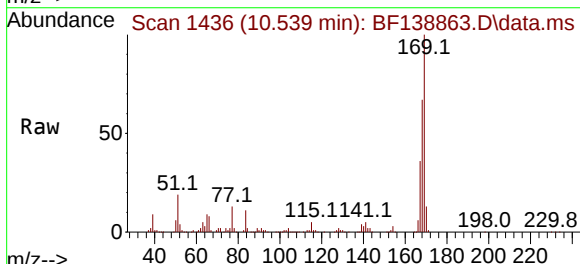
Instrument :
BNA_F
ClientSampleId :
PB162401BS

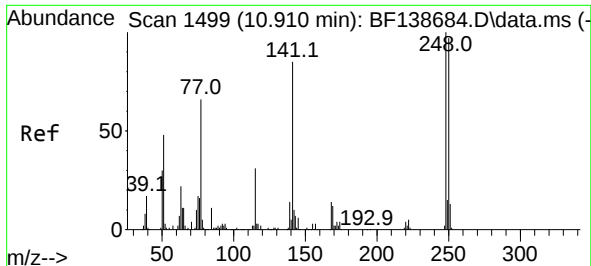
Tgt Ion:198 Resp: 55479
Ion Ratio Lower Upper
198 100
51 62.5 39.9 79.9
105 45.7 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 46.621 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:169 Resp: 286061
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.0 29.0 43.6

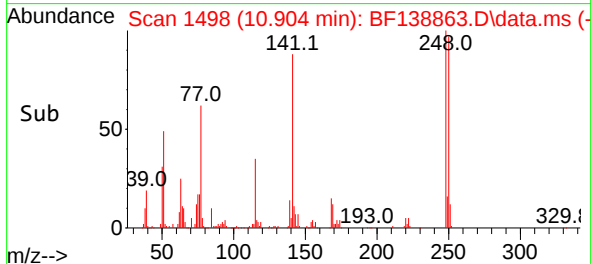
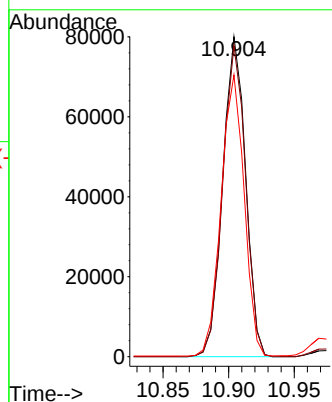
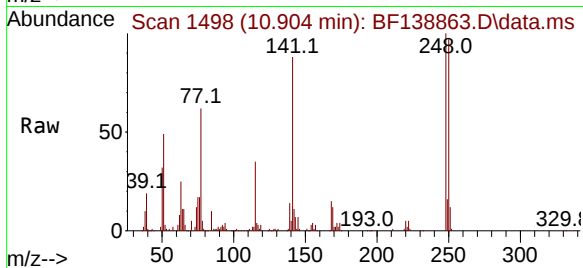




#67
4-Bromophenyl-phenylether
Concen: 45.645 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

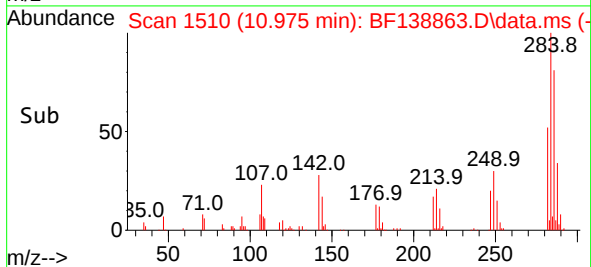
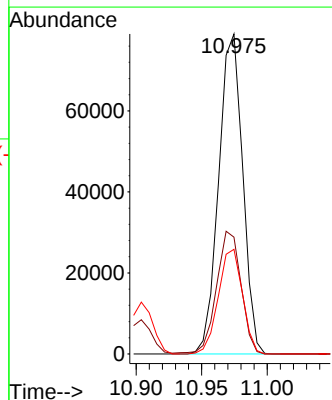
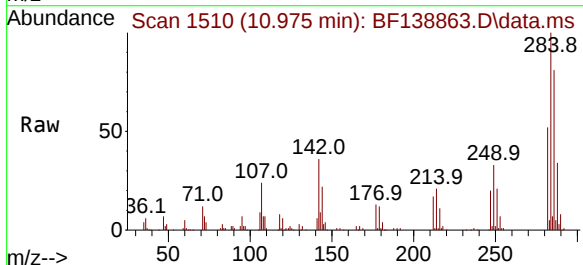
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:248 Resp: 97009
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 88.0 68.0 102.0



#68
Hexachlorobenzene
Concen: 45.785 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:284 Resp: 100470
Ion Ratio Lower Upper
284 100
142 36.5 31.3 46.9
249 32.7 27.2 40.8





#69

Atrazine

Concen: 54.363 ng

RT: 11.063 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

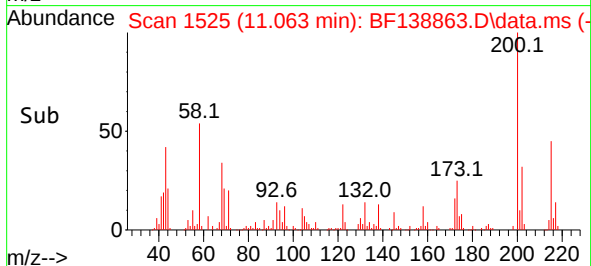
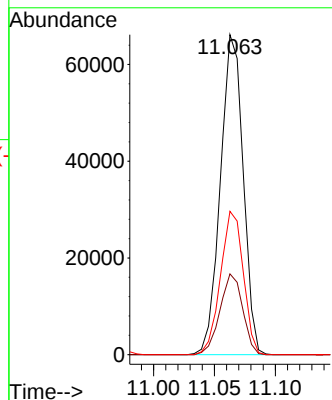
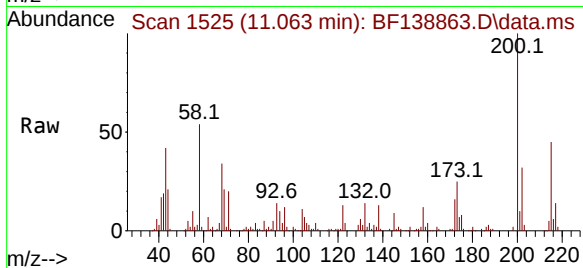
Tgt Ion:200 Resp: 86060

Ion Ratio Lower Upper

200 100

173 25.2 6.0 46.0

215 44.8 26.1 66.1



#70

Pentachlorophenol

Concen: 72.855 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

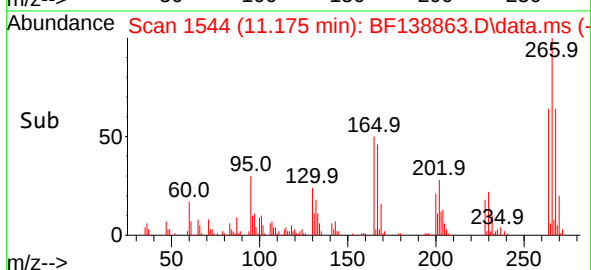
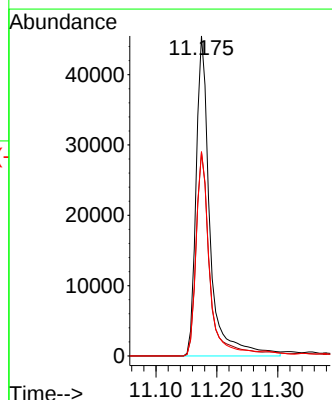
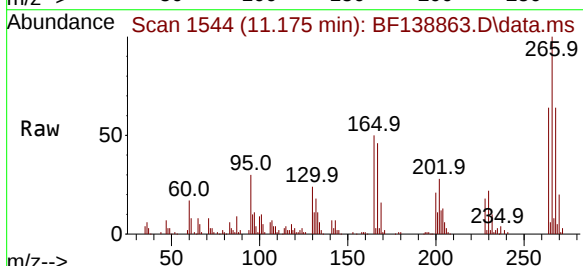
Tgt Ion:266 Resp: 72061

Ion Ratio Lower Upper

266 100

268 63.7 49.2 73.8

264 63.9 49.8 74.6

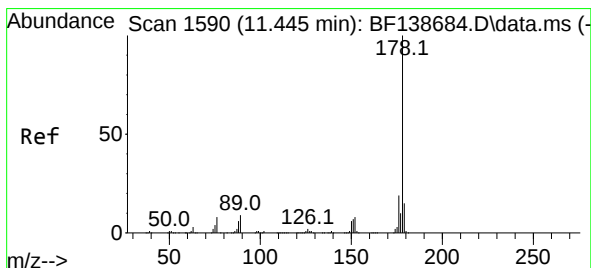
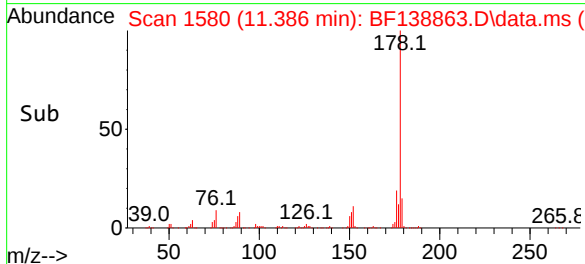
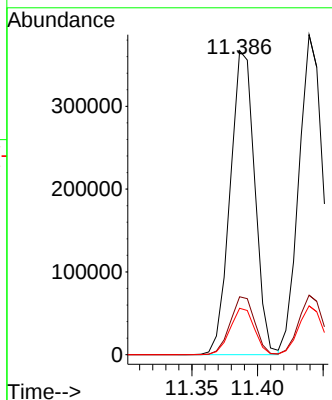
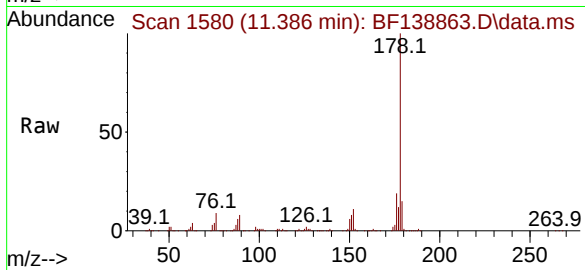




#71
Phenanthrene
Concen: 47.388 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

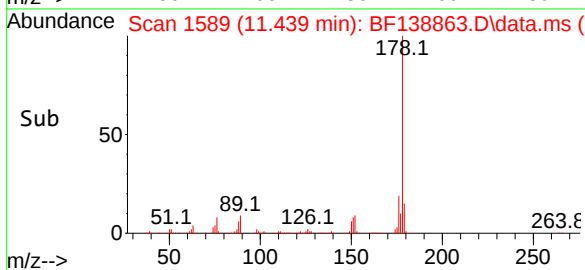
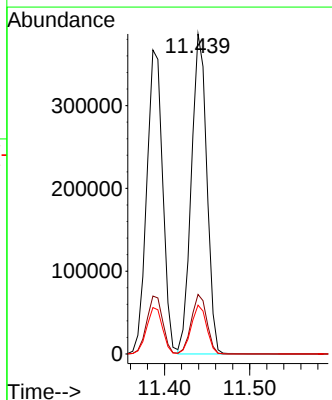
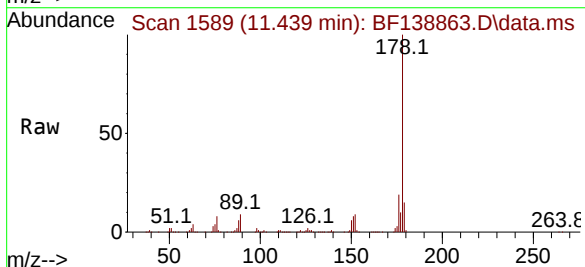
Instrument :
BNA_F
ClientSampleId :
PB162401BS

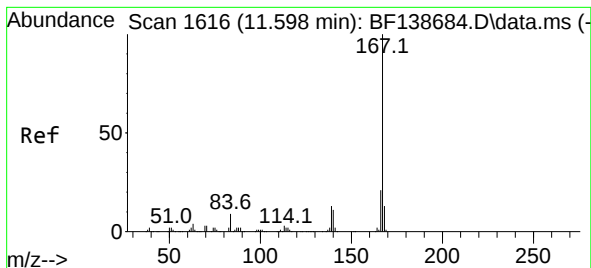
Tgt Ion:178 Resp: 478989
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.2 18.2



#72
Anthracene
Concen: 48.903 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:178 Resp: 486955
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.2 12.4 18.6





#73

Carbazole

Concen: 47.207 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

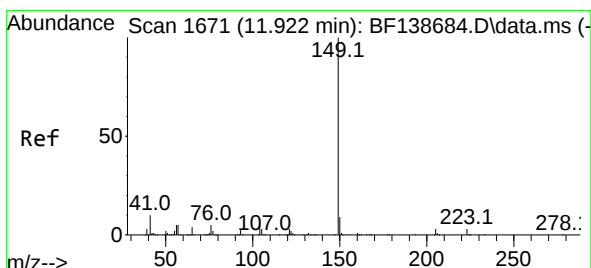
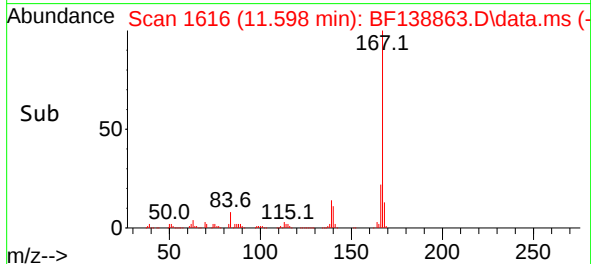
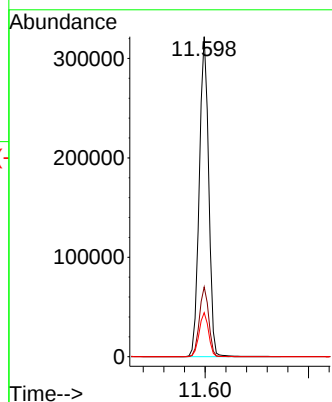
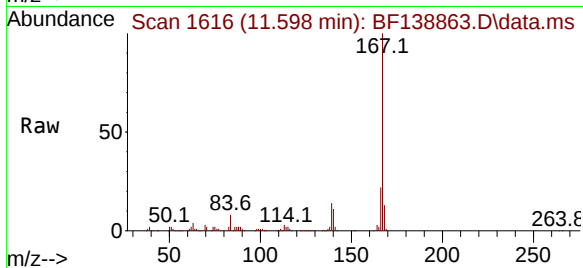
Tgt Ion:167 Resp: 405553

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 53.536 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

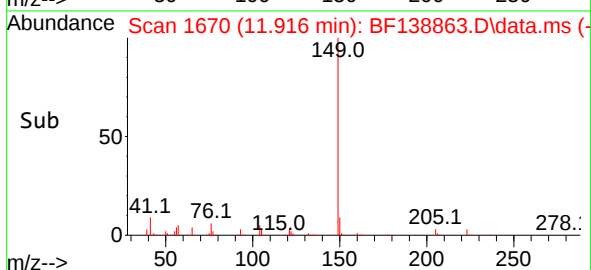
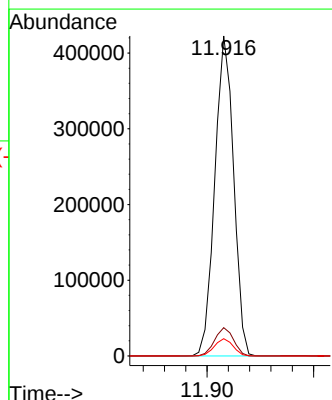
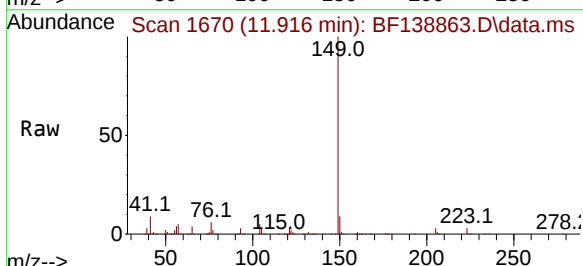
Tgt Ion:149 Resp: 517027

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.4 4.1 6.1

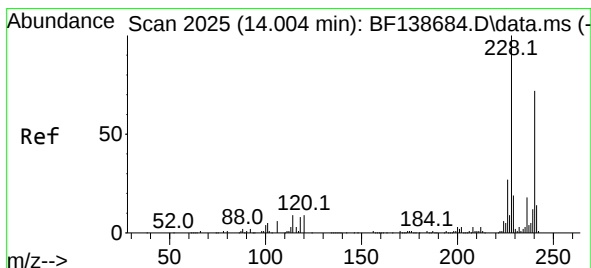
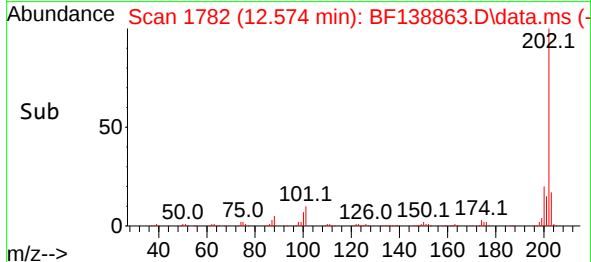
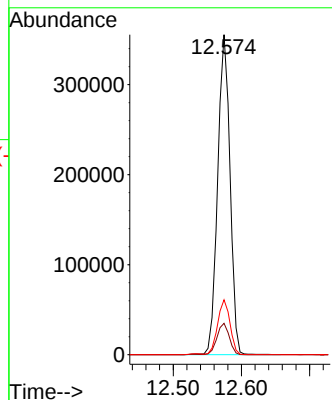
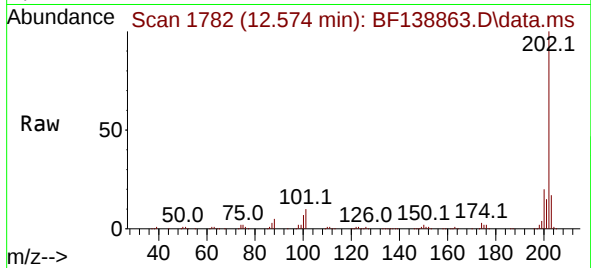




#75
Fluoranthene
Concen: 47.483 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

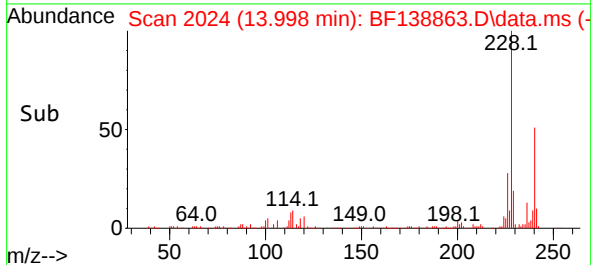
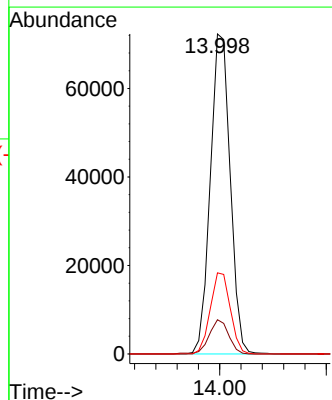
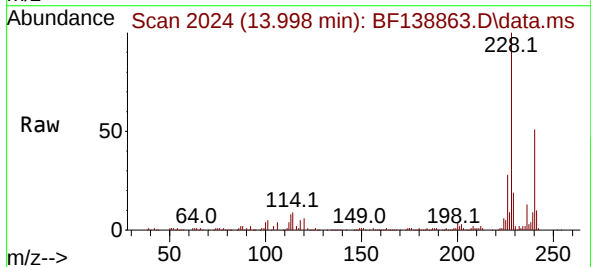
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:202 Resp: 448063
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.2
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:240 Resp: 93827
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 25.3 19.8 29.8

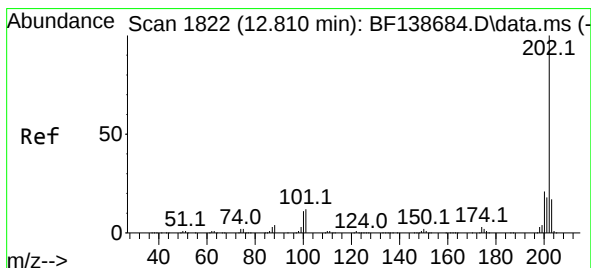
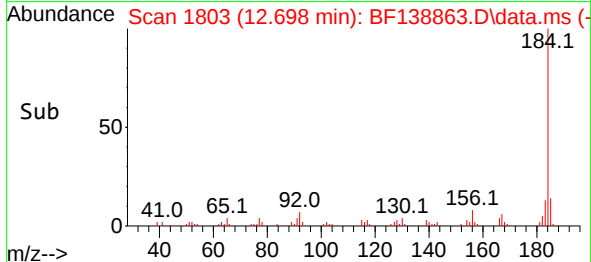
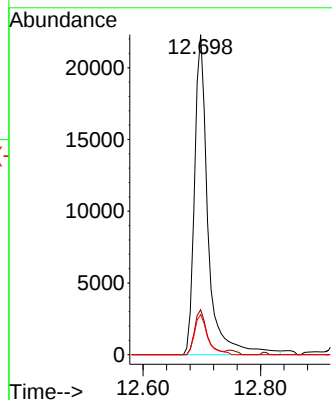
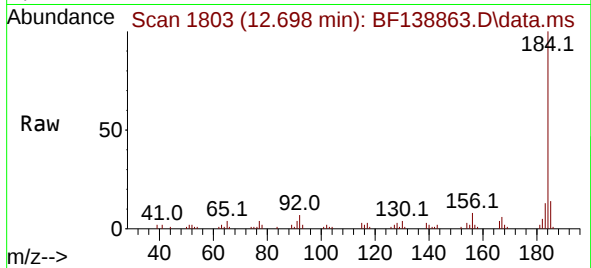




#77
Benzidine
Concen: 15.779 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

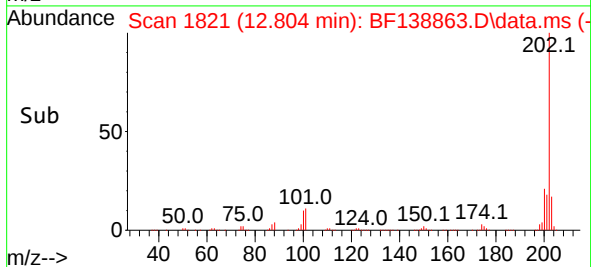
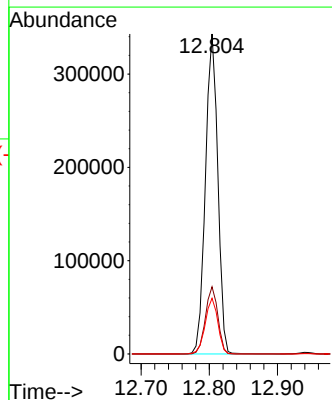
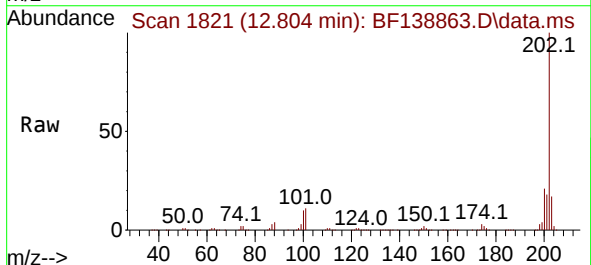
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:184 Resp: 35411
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 12.5 9.6 14.4



#78
Pyrene
Concen: 48.958 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

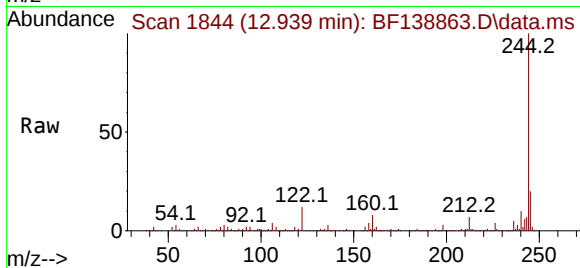
Tgt Ion:202 Resp: 432501
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.4 13.8 20.6



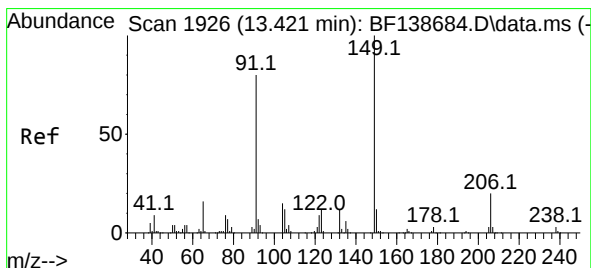
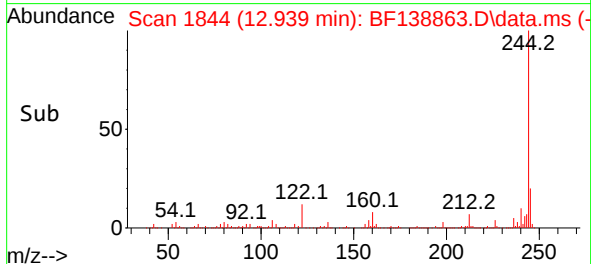
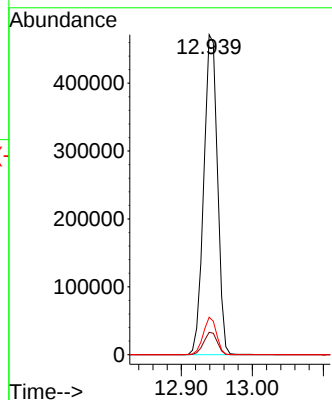


#79
 Terphenyl-d14
 Concen: 113.047 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138863.D
 Acq: 08 Aug 2024 13:52

Instrument :
 BNA_F
 ClientSampleId :
 PB162401BS

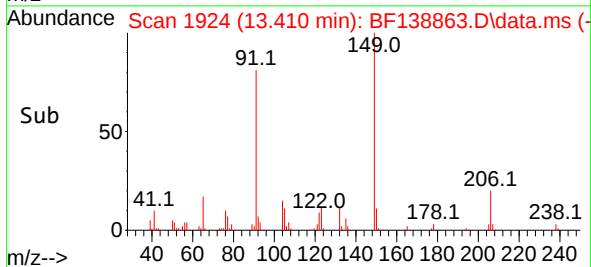
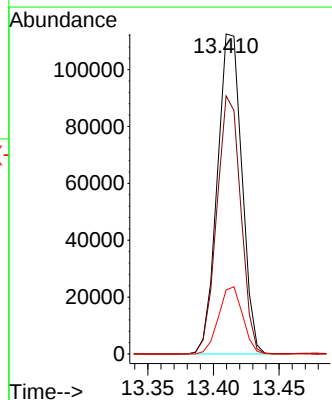
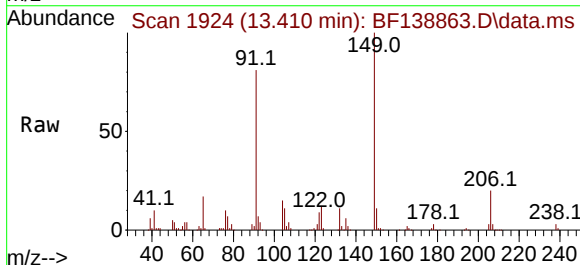


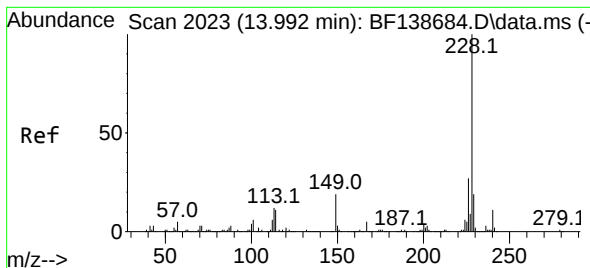
Tgt Ion:244 Resp: 633522
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.7 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 51.761 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138863.D
 Acq: 08 Aug 2024 13:52

Tgt Ion:149 Resp: 146428
 Ion Ratio Lower Upper
 149 100
 91 80.7 63.7 95.5
 206 20.0 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.838 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

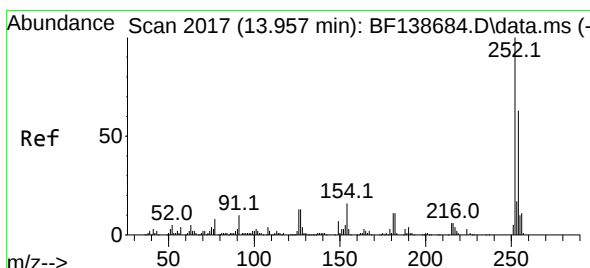
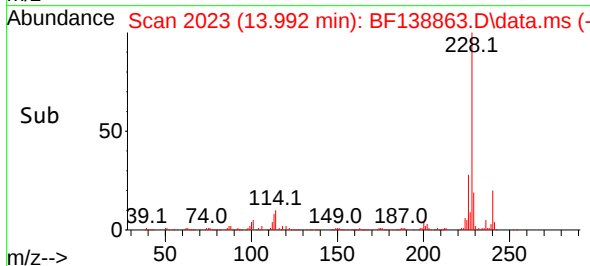
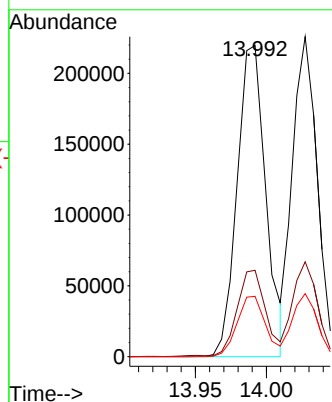
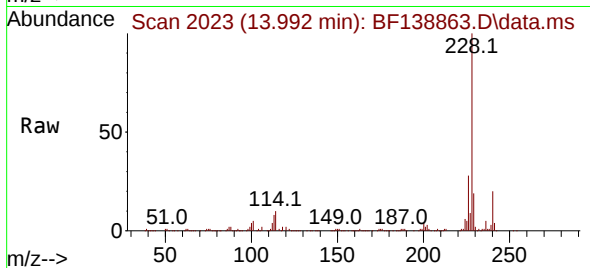
Tgt Ion:228 Resp: 309084

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.4 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 37.266 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

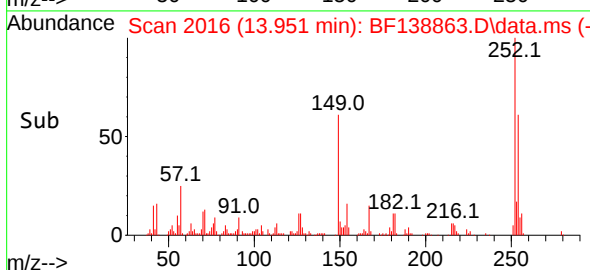
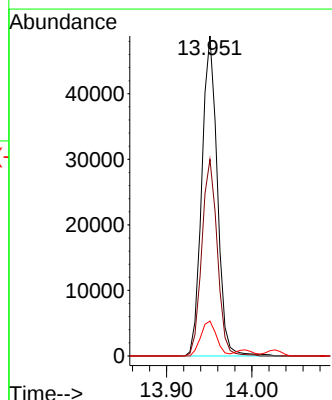
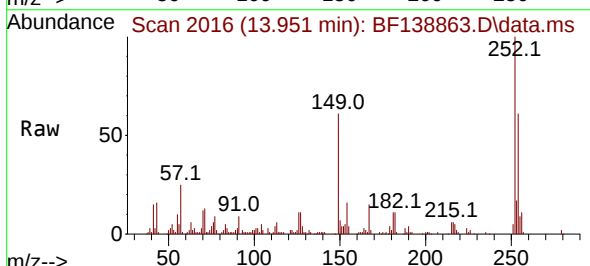
Tgt Ion:252 Resp: 61617

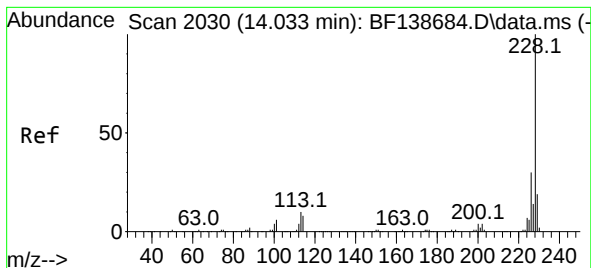
Ion Ratio Lower Upper

252 100

254 61.4 50.8 76.2

126 10.9 10.2 15.2





#83

Chrysene

Concen: 46.853 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

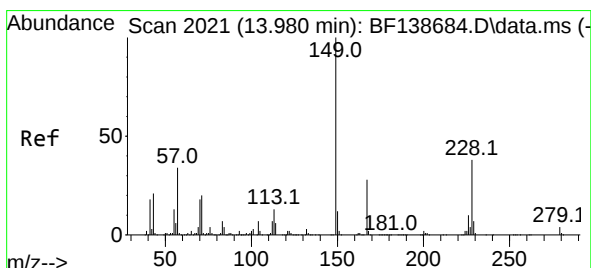
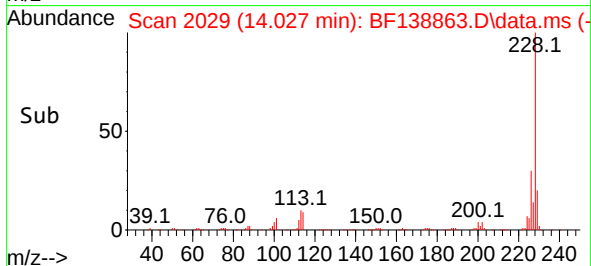
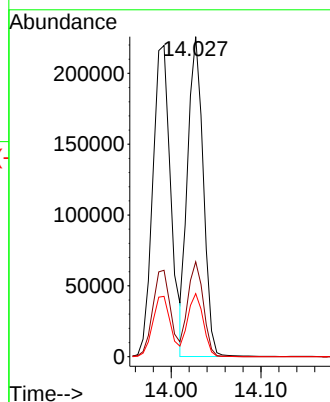
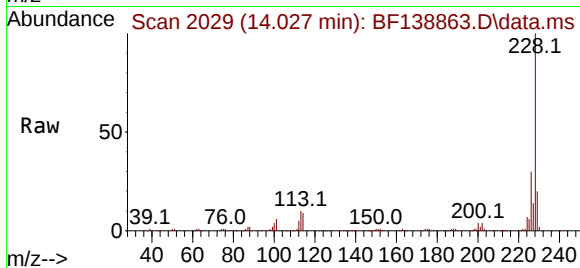
Tgt Ion:228 Resp: 273115

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.109 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

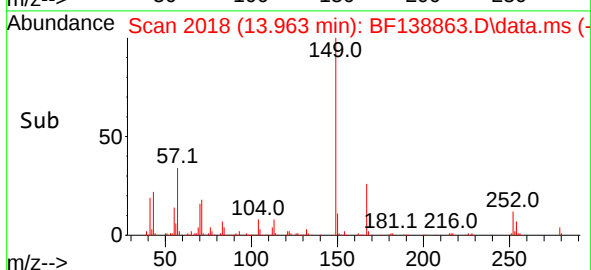
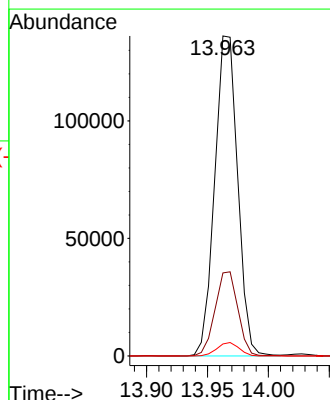
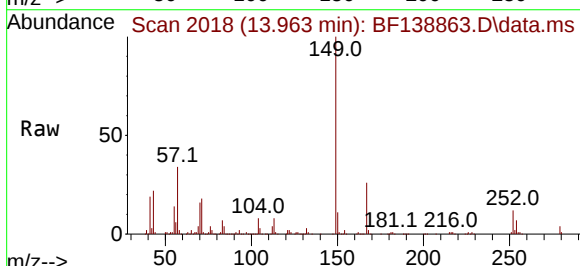
Tgt Ion:149 Resp: 178580

Ion Ratio Lower Upper

149 100

167 26.0 22.2 33.4

279 3.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 37.060 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

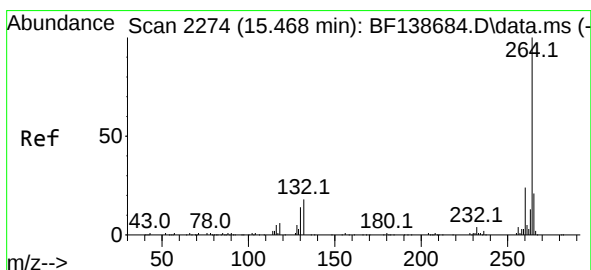
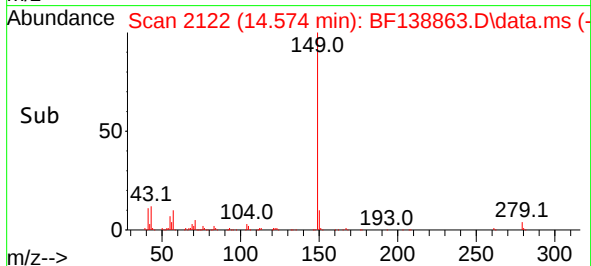
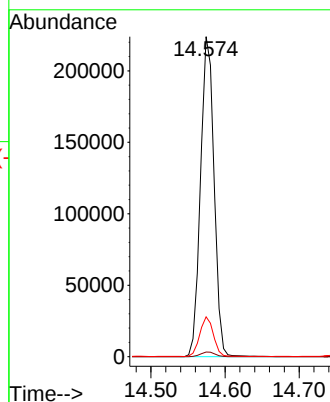
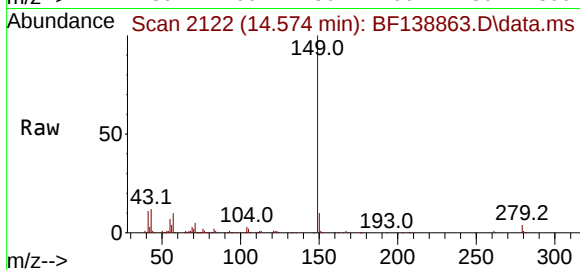
Tgt Ion:149 Resp: 284040

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 12.4 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

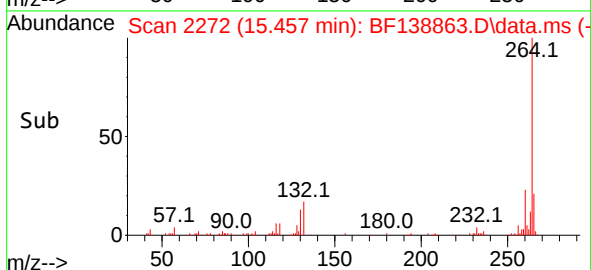
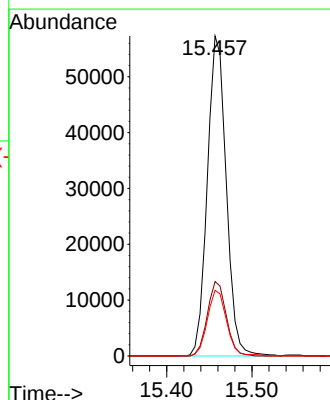
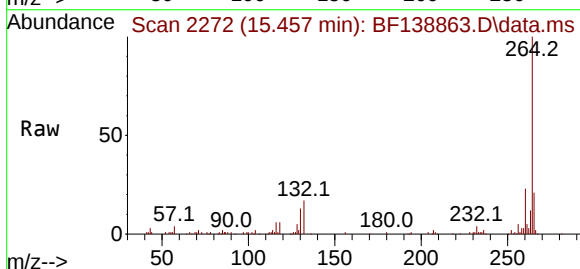
Tgt Ion:264 Resp: 88275

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 20.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.188 ng

RT: 16.939 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

Instrument :

BNA_F

ClientSampleId :

PB162401BS

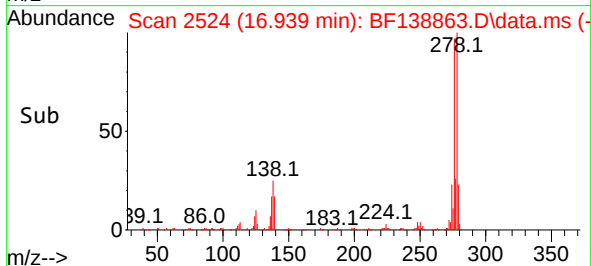
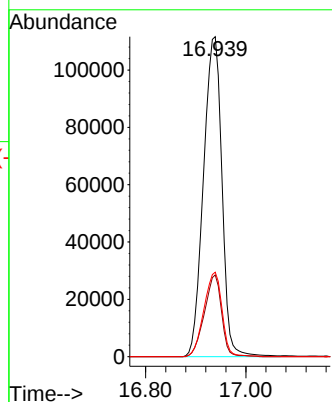
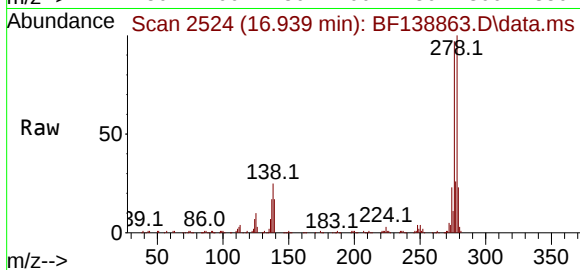
Tgt Ion:276 Resp: 285864

Ion Ratio Lower Upper

276 100

138 23.7 21.8 32.8

277 25.9 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 51.934 ng

RT: 15.033 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF138863.D

Acq: 08 Aug 2024 13:52

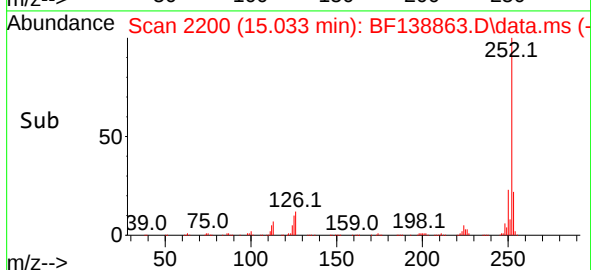
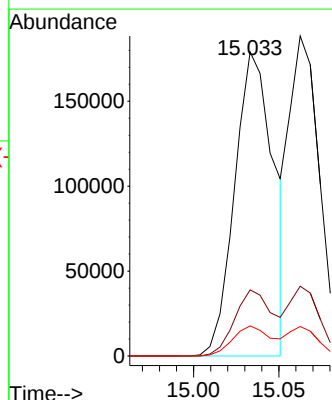
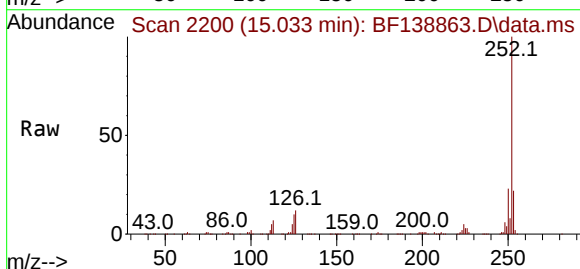
Tgt Ion:252 Resp: 284195

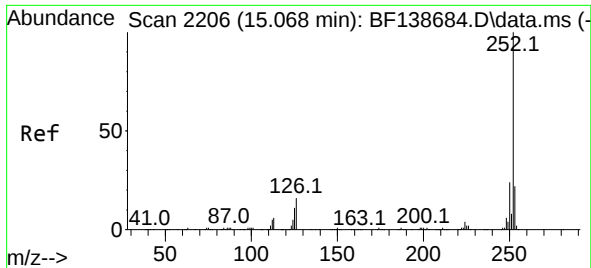
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.9 8.9 13.3

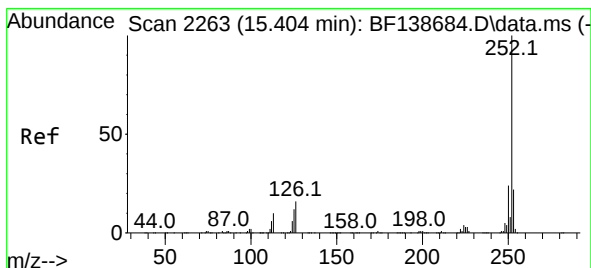
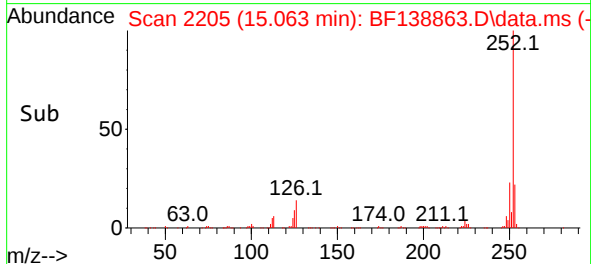
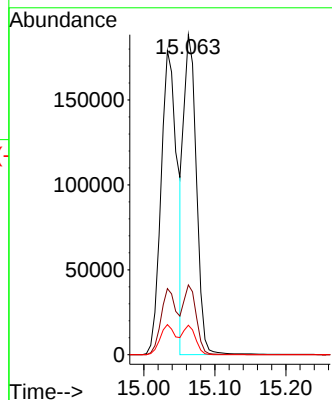
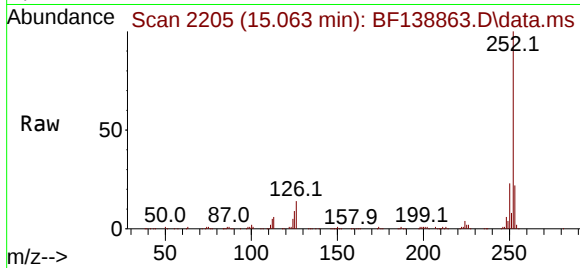




#89
Benzo(k)fluoranthene
Concen: 49.275 ng
RT: 15.063 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

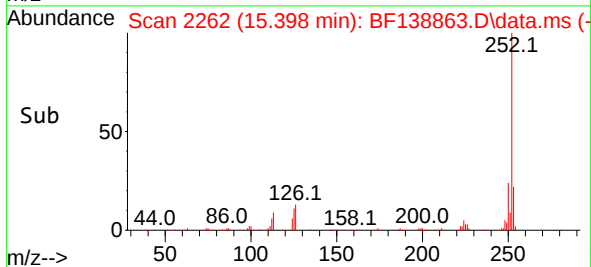
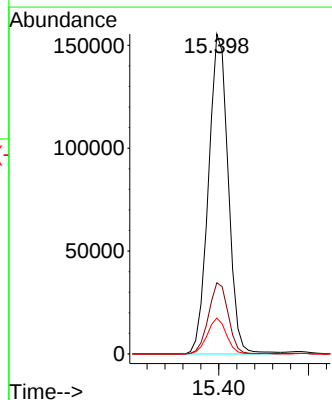
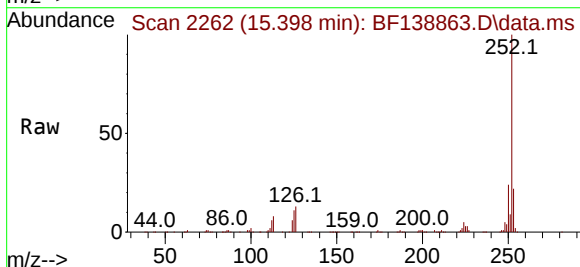
Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:252 Resp: 233461
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 51.522 ng
RT: 15.398 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:252 Resp: 237151
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.2 9.5 14.3

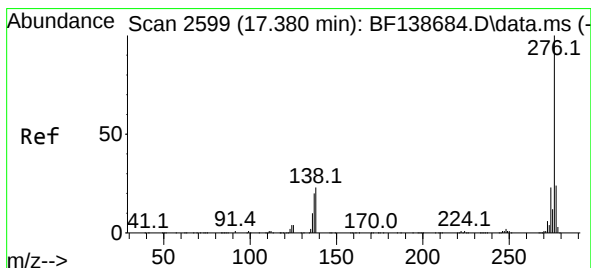
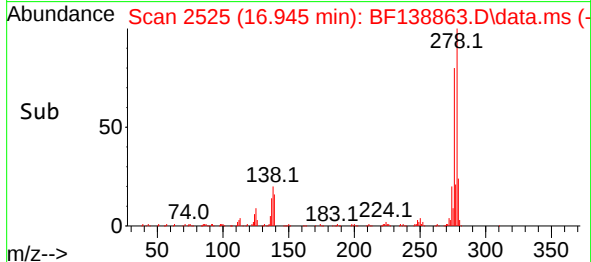
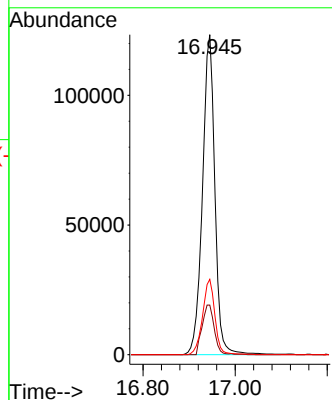
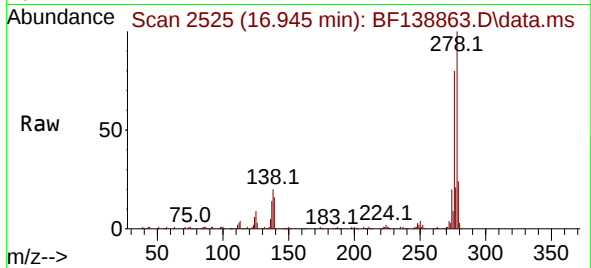




#91
Dibenzo(a,h)anthracene
Concen: 44.716 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Instrument :
BNA_F
ClientSampleId :
PB162401BS

Tgt Ion:278 Resp: 232205
Ion Ratio Lower Upper
278 100
139 15.5 14.0 21.0
279 23.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 39.342 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.006 min
Lab File: BF138863.D
Acq: 08 Aug 2024 13:52

Tgt Ion:276 Resp: 212001
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 20.2 18.5 27.7

