

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138865.D
 Acq On : 08 Aug 2024 14:53
 Operator : RC/JU
 Sample : PB162421BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 15:18:37 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	50788	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	206401	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	119512	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	200005	20.000	ng	0.00
76) Chrysene-d12	14.004	240	98145	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	88888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	422278	128.347	ng	0.02
7) Phenol-d6	6.493	99	563415	127.547	ng	0.00
23) Nitrobenzene-d5	7.410	82	368044	87.181	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	128715	131.481	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	684355	86.037	ng	0.00
79) Terphenyl-d14	12.945	244	657469	112.158	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	44908	31.177	ng	95
3) Pyridine	3.469	79	116046	33.257	ng	95
4) n-Nitrosodimethylamine	3.434	42	103760	49.928	ng	84
6) Aniline	6.510	93	129629	32.905	ng	# 26
8) 2-Chlorophenol	6.634	128	167515	48.393	ng	96
9) Benzaldehyde	6.398	77	107022	40.417	ng	100
10) Phenol	6.504	94	219107	47.110	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	152771	42.685	ng	98
12) 1,3-Dichlorobenzene	6.781	146	171034	44.140	ng	98
13) 1,4-Dichlorobenzene	6.857	146	172771	44.182	ng	100
14) 1,2-Dichlorobenzene	7.010	146	164344	44.970	ng	99
15) Benzyl Alcohol	6.992	79	156630	49.196	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	252753	41.035	ng	# 45
17) 2-Methylphenol	7.110	107	136143	47.629	ng	# 86
18) Hexachloroethane	7.345	117	64809	44.029	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	127463	47.775	ng	99
20) 3+4-Methylphenols	7.263	107	179195	48.861	ng	# 80
22) Acetophenone	7.257	105	227639	45.044	ng	96
24) Nitrobenzene	7.434	77	191011	44.465	ng	98
25) Isophorone	7.669	82	330160	45.801	ng	99
26) 2-Nitrophenol	7.745	139	88731	48.010	ng	96
27) 2,4-Dimethylphenol	7.787	122	113940	51.526	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	194355	44.274	ng	99
29) 2,4-Dichlorophenol	7.992	162	138983	48.912	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	147252	44.905	ng	99
31) Naphthalene	8.145	128	495505	45.608	ng	99
32) Benzoic acid	7.945	122	60948	35.063	ng	97
33) 4-Chloroaniline	8.198	127	74761	20.500	ng	98
34) Hexachlorobutadiene	8.257	225	90673	45.652	ng	99
35) Caprolactam	8.586	113	26459	31.207	ng	92
36) 4-Chloro-3-methylphenol	8.692	107	160085	49.296	ng	98
37) 2-Methylnaphthalene	8.834	142	323147	47.096	ng	100
38) 1-Methylnaphthalene	8.934	142	296673	44.125	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	138529	41.727	ng	99
41) Hexachlorocyclopentadiene	8.981	237	91578	102.108	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	89251	44.092	ng	99

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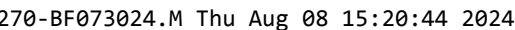
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 15:18:37 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)
44) 2,4,5-Trichlorophenol	9.175	196	97120	43.889	ng	99
46) 1,1'-Biphenyl	9.298	154	383838	41.008	ng	99
47) 2-Chloronaphthalene	9.328	162	299993	43.094	ng	99
48) 2-Nitroaniline	9.434	65	109884	46.562	ng	98
49) Acenaphthylene	9.739	152	472480	47.855	ng	99
50) Dimethylphthalate	9.604	163	355892	46.572	ng	100
51) 2,6-Dinitrotoluene	9.675	165	77661	45.031	ng	93
52) Acenaphthene	9.910	154	289688	43.648	ng	99
53) 3-Nitroaniline	9.845	138	53394	29.949	ng	95
54) 2,4-Dinitrophenol	9.963	184	68234	85.949	ng	90
55) Dibenzofuran	10.086	168	427792	45.662	ng	99
56) 4-Nitrophenol	10.022	139	81339	75.868	ng	88
57) 2,4-Dinitrotoluene	10.081	165	105671	48.025	ng	# 83
58) Fluorene	10.428	166	345742	46.342	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	79727	47.126	ng	96
60) Diethylphthalate	10.304	149	348550	48.104	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	169273	46.132	ng	96
62) 4-Nitroaniline	10.463	138	73592	43.436	ng	88
63) Azobenzene	10.575	77	368751	45.886	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	57384	47.028	ng	97
66) n-Nitrosodiphenylamine	10.539	169	293422	46.935	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	97029	44.808	ng	95
68) Hexachlorobenzene	10.975	284	103316	46.209	ng	98
69) Atrazine	11.069	200	87867	54.476	ng	99
70) Pentachlorophenol	11.175	266	73441	72.874	ng	98
71) Phenanthrene	11.392	178	492485	47.820	ng	100
72) Anthracene	11.445	178	493425	48.634	ng	99
73) Carbazole	11.598	167	411316	46.991	ng	99
74) Di-n-butylphthalate	11.916	149	524798	53.334	ng	100
75) Fluoranthene	12.574	202	461240	47.974	ng	99
77) Benzidine	12.698	184	33297	14.184	ng	97
78) Pyrene	12.804	202	452799	49.001	ng	99
80) Butylbenzylphthalate	13.416	149	154793	52.311	ng	97
81) Benzo(a)anthracene	13.992	228	317684	47.005	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	60248	34.835	ng	98
83) Chrysene	14.027	228	294677	48.328	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	185077	42.712	ng	97
85) Di-n-octyl phthalate	14.580	149	287558	35.869	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	281434	44.181	ng	96
88) Benzo(b)fluoranthene	15.039	252	262316	47.606	ng	98
89) Benzo(k)fluoranthene	15.068	252	262160	54.951	ng	98
90) Benzo(a)pyrene	15.404	252	241382	52.080	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	229890	43.965	ng	96
92) Benzo(g,h,i)perylene	17.380	276	208280	38.385	ng	97

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

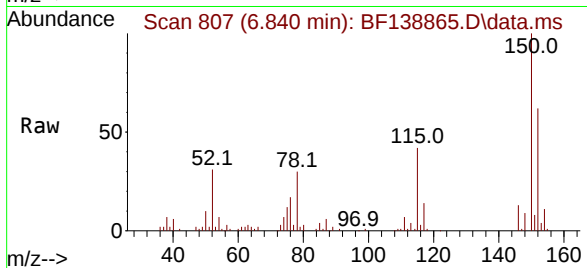
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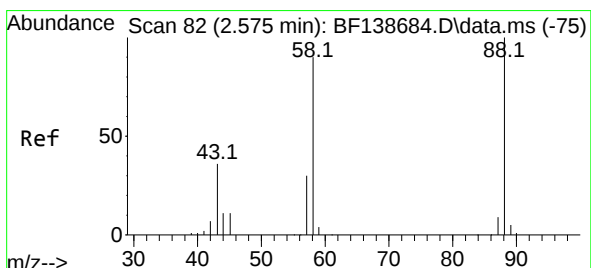
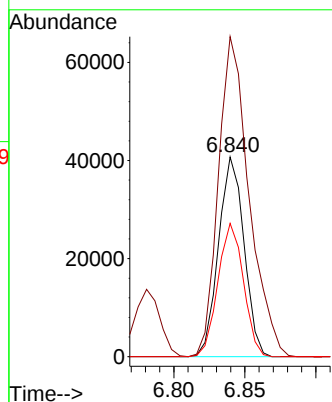
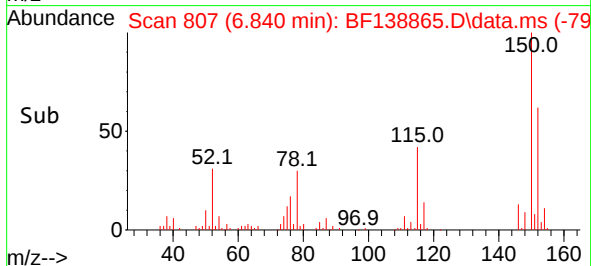


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138865.D
 Acq: 08 Aug 2024 14:53

Instrument :
 BNA_F
 ClientSampleId :

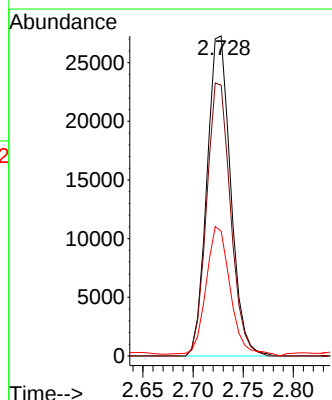
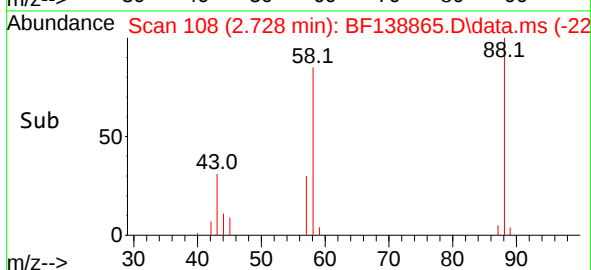
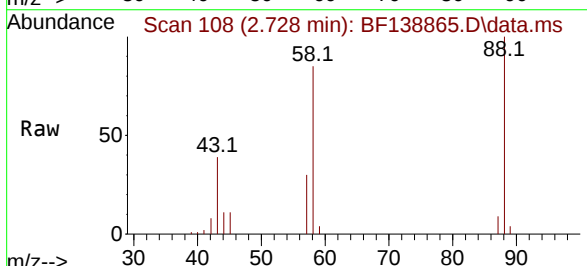


Tgt Ion:152 Resp: 50788
 Ion Ratio Lower Upper
 152 100
 150 160.2 126.0 189.0
 115 66.8 51.7 77.5



#2
 1,4-Dioxane
 Concen: 31.177 ng
 RT: 2.728 min Scan# 108
 Delta R.T. 0.153 min
 Lab File: BF138865.D
 Acq: 08 Aug 2024 14:53

Tgt Ion: 88 Resp: 44908
 Ion Ratio Lower Upper
 88 100
 58 86.3 71.6 107.4
 43 42.1 28.7 43.1





#3

Pyridine

Concen: 33.257 ng

RT: 3.469 min Scan# 211

Delta R.T. 0.135 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

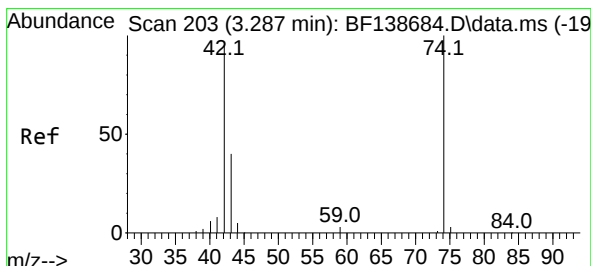
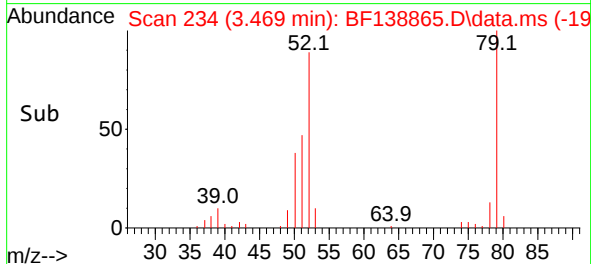
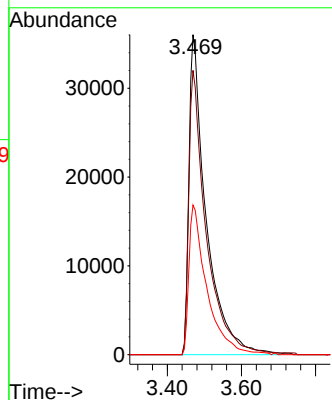
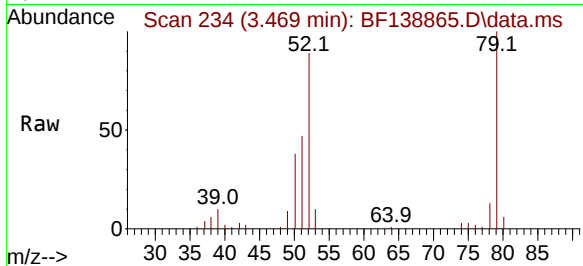
Tgt Ion: 79 Resp: 116046

Ion Ratio Lower Upper

79 100

52 88.9 74.7 112.1

51 46.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 49.928 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.147 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

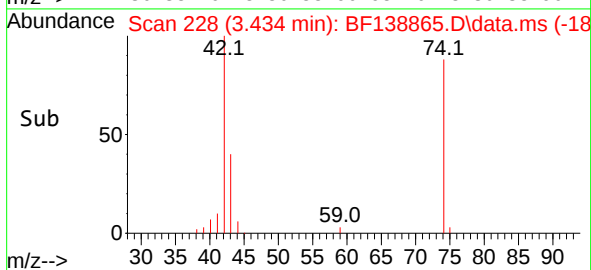
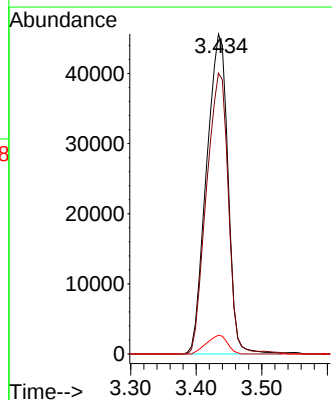
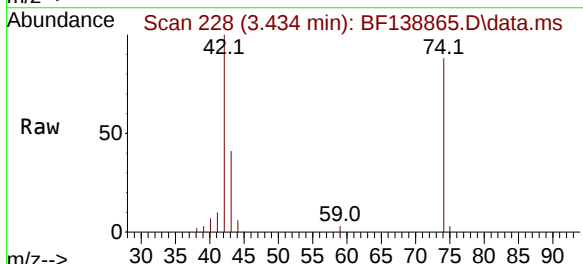
Tgt Ion: 42 Resp: 103760

Ion Ratio Lower Upper

42 100

74 87.7 84.2 126.4

44 5.8 4.9 7.3

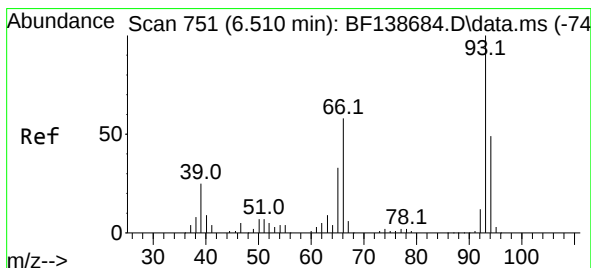
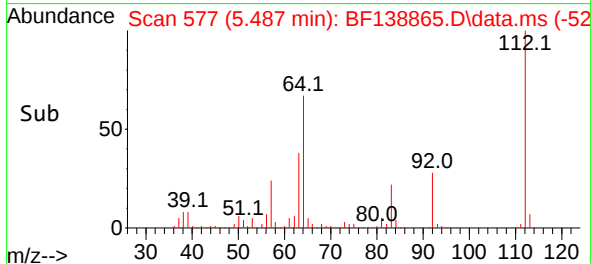
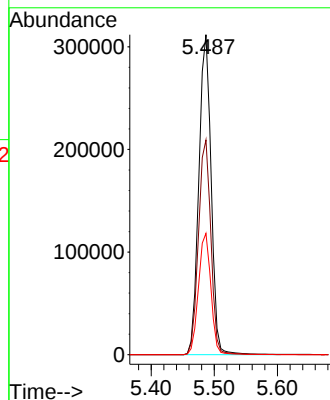
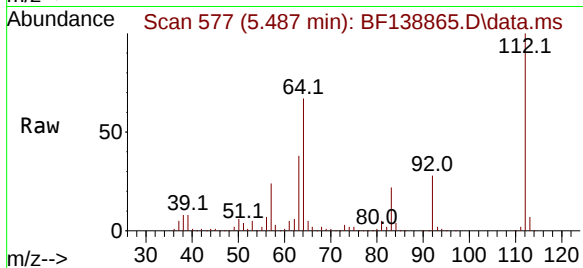




#5
2-Fluorophenol
Concen: 128.347 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

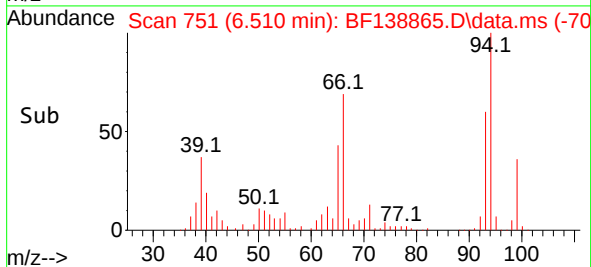
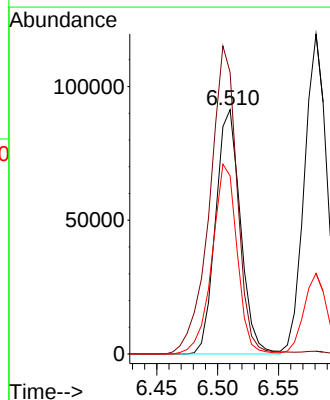
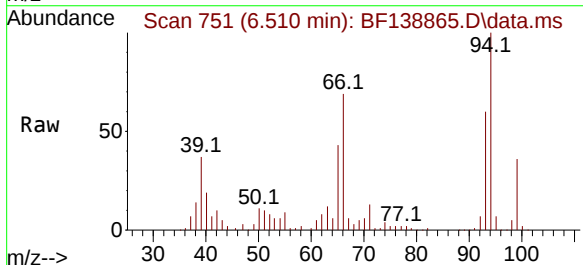
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 422278
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 37.9 28.7 43.1



#6
Aniline
Concen: 32.905 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion: 93 Resp: 129629
Ion Ratio Lower Upper
93 100
66 115.1 46.9 70.3#
65 72.9 26.5 39.7#





#7

Phenol-d6

Concen: 127.547 ng

RT: 6.493 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

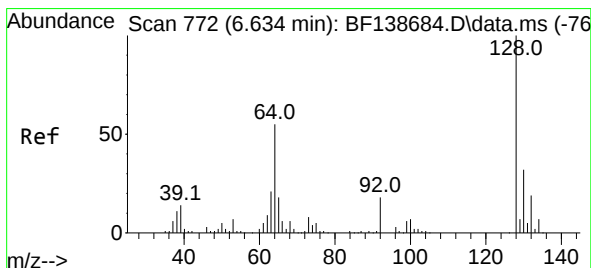
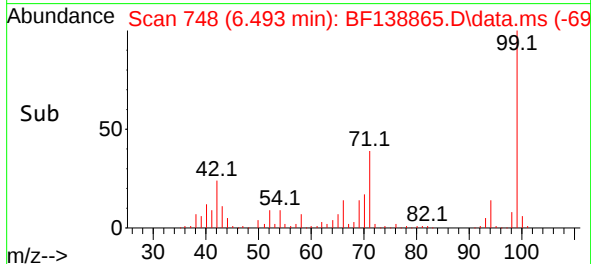
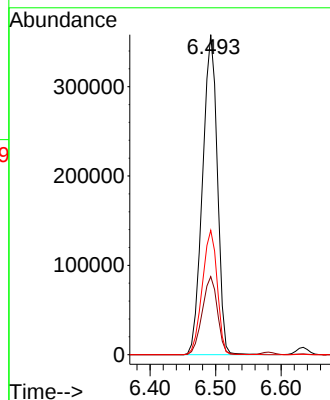
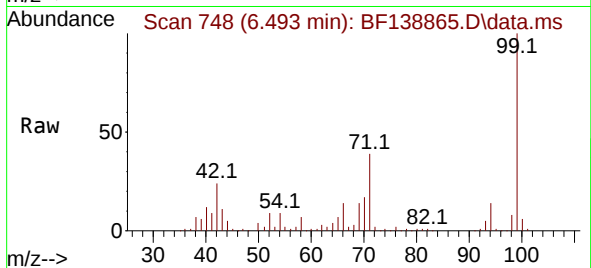
Tgt Ion: 99 Resp: 563415

Ion Ratio Lower Upper

99 100

42 24.4 17.4 26.0

71 38.9 28.1 42.1



#8

2-Chlorophenol

Concen: 48.393 ng

RT: 6.634 min Scan# 772

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

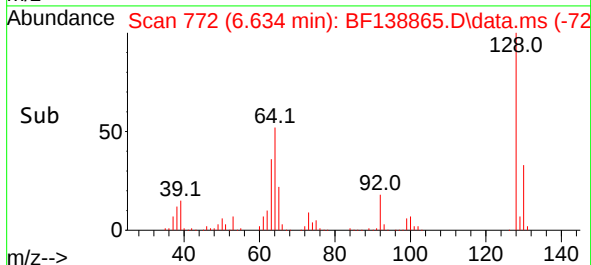
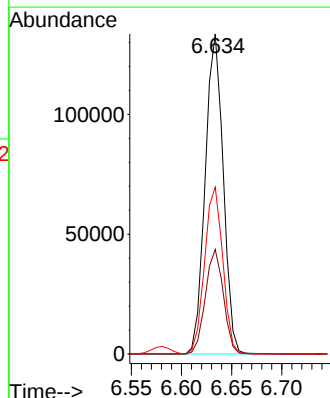
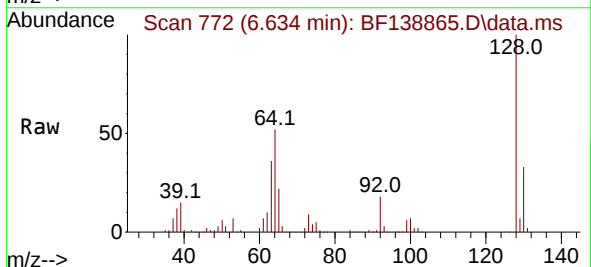
Tgt Ion: 128 Resp: 167515

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

64 52.1 36.3 76.3





#9

Benzaldehyde

Concen: 40.417 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

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BNA_F

ClientSampleId :

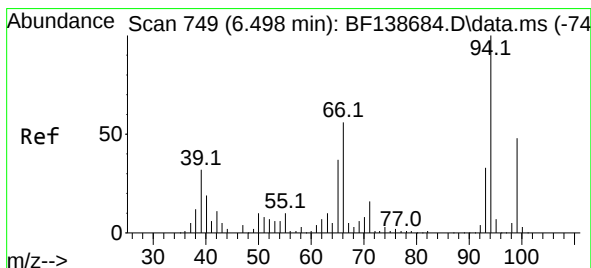
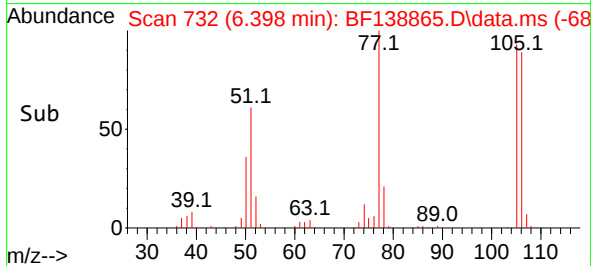
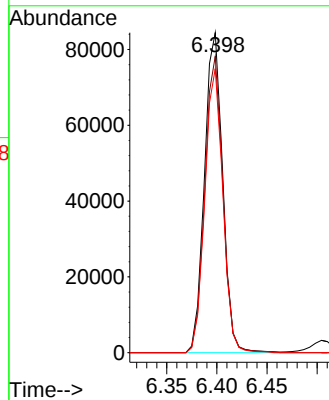
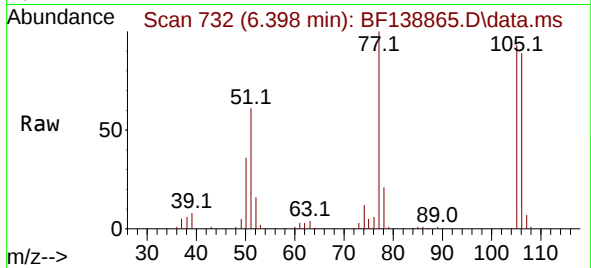
Tgt Ion: 77 Resp: 107022

Ion Ratio Lower Upper

77 100

105 92.6 72.9 112.9

106 88.7 68.4 108.4



#10

Phenol

Concen: 47.110 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

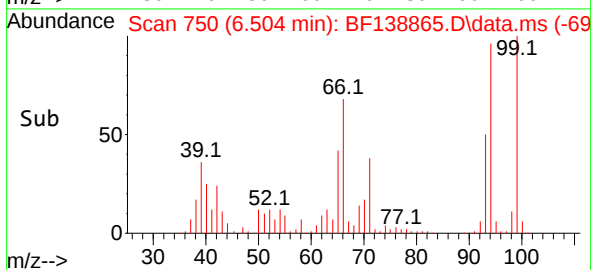
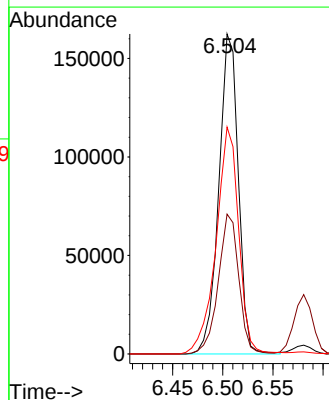
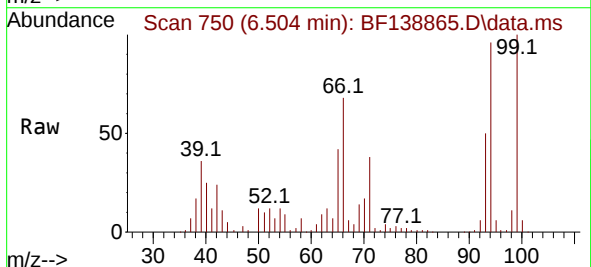
Tgt Ion: 94 Resp: 219107

Ion Ratio Lower Upper

94 100

65 43.7 16.9 56.9

66 70.9 36.5 76.5

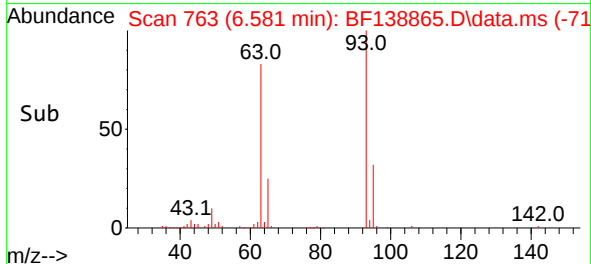
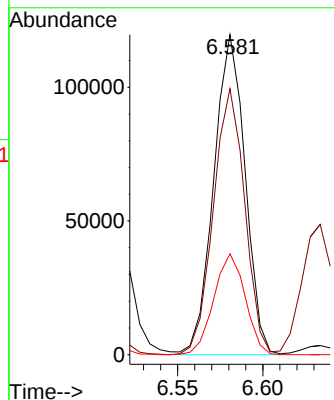
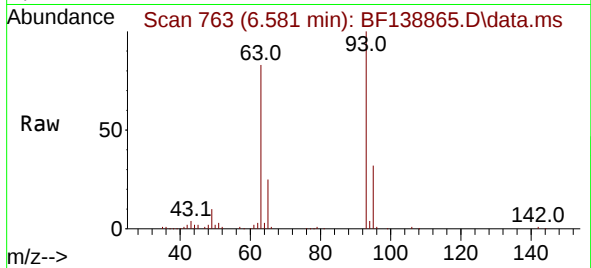




#11
bis(2-Chloroethyl)ether
Concen: 42.685 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

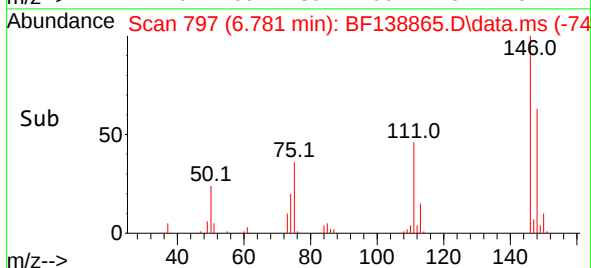
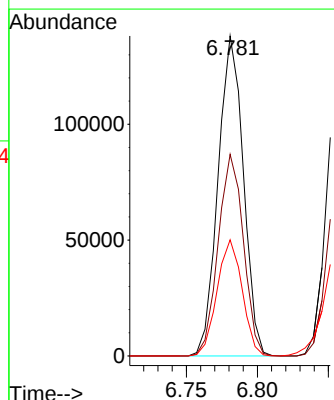
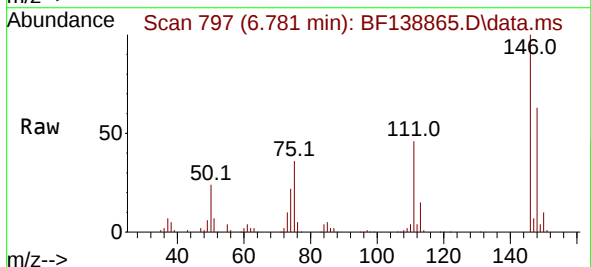
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 152771
Ion Ratio Lower Upper
93 100
63 83.1 65.3 105.3
95 31.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.140 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:146 Resp: 171034
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
75 36.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.182 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

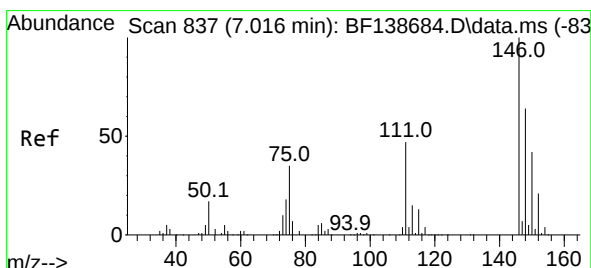
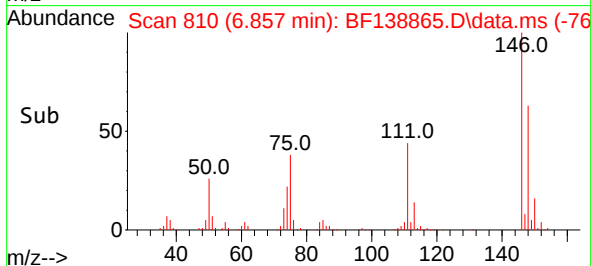
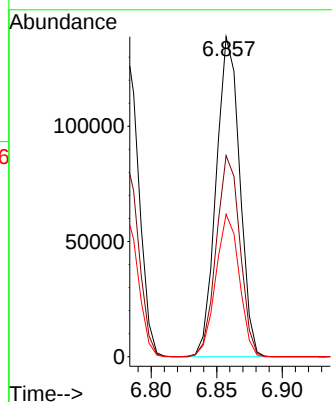
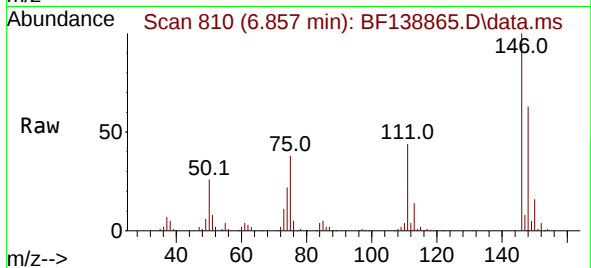
Tgt Ion:146 Resp: 172771

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.2

111 44.5 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.970 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

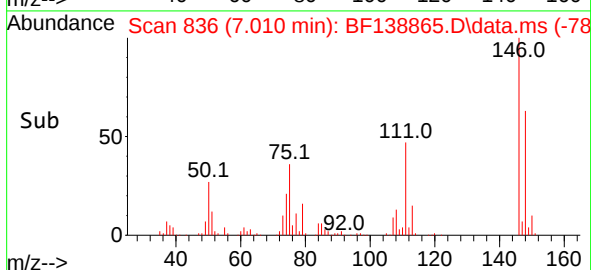
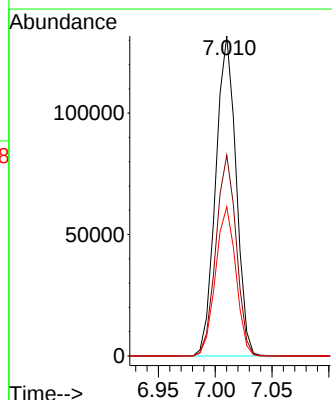
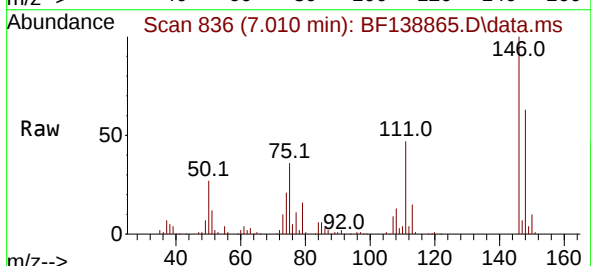
Tgt Ion:146 Resp: 164344

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

111 46.6 37.4 56.2

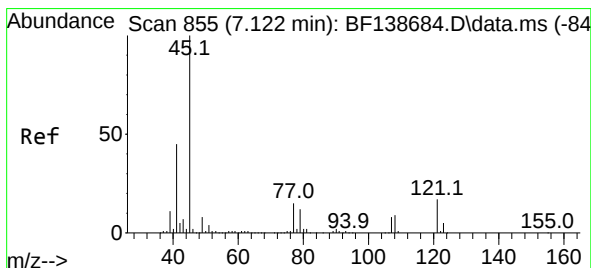
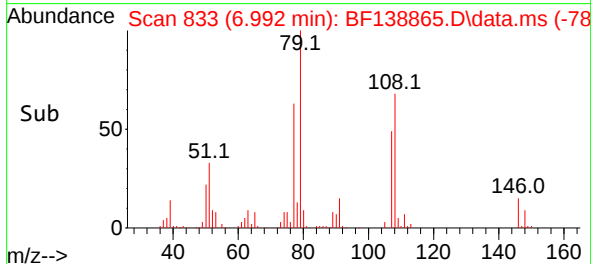
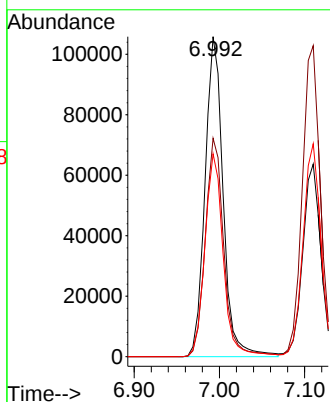
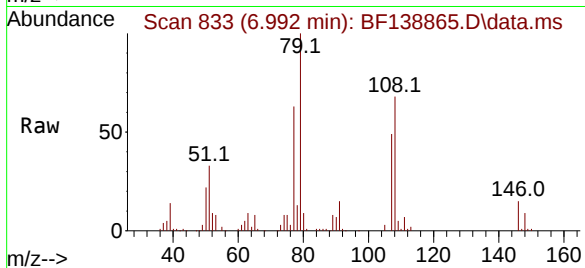




#15
Benzyl Alcohol
Concen: 49.196 ng
RT: 6.992 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

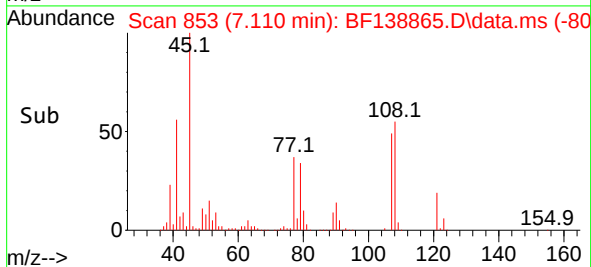
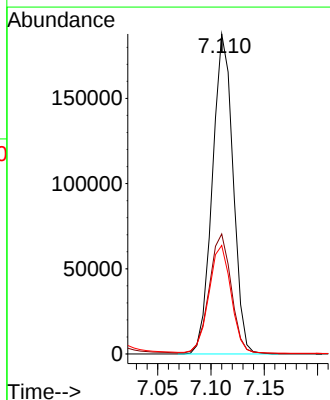
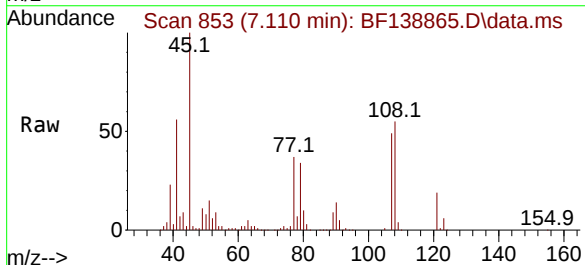
Instrument :
BNA_F
ClientSampleId :

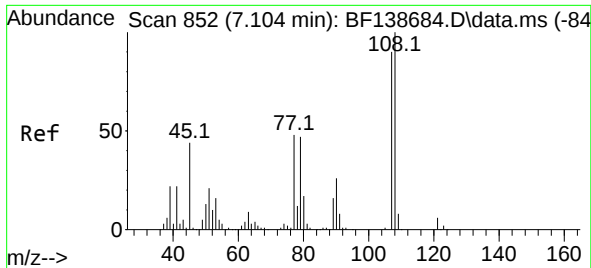
Tgt Ion: 79 Resp: 156630
Ion Ratio Lower Upper
79 100
108 68.2 56.6 85.0
77 63.4 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.035 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

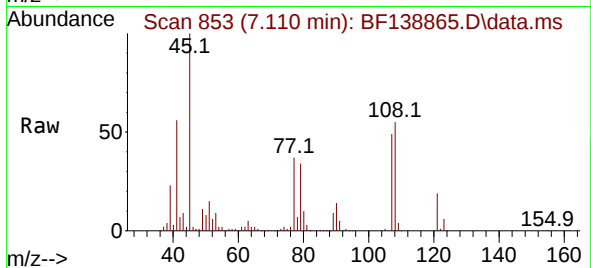
Tgt Ion: 45 Resp: 252753
Ion Ratio Lower Upper
45 100
77 37.5 0.0 34.9#
79 33.9 0.0 32.2#



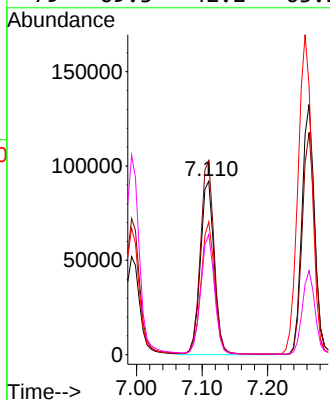
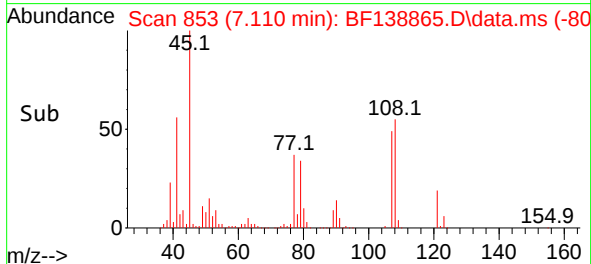


#17
2-Methylphenol
Concen: 47.629 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :
BNA_F
ClientSampleId :

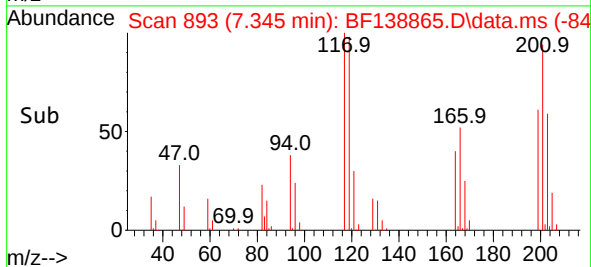
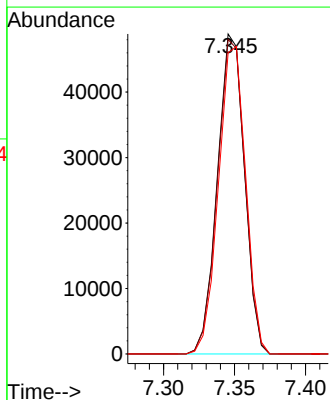
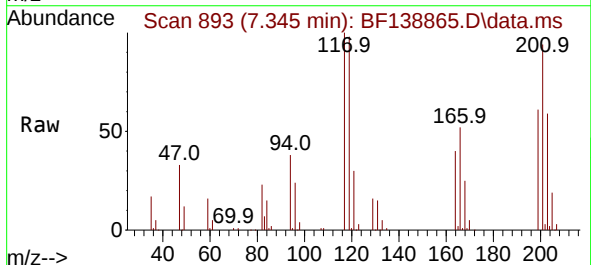


Tgt Ion:107 Resp: 136143
Ion Ratio Lower Upper
107 100
108 111.9 89.2 133.8
77 76.6 43.0 64.4#
79 69.3 42.2 63.2#



#18
Hexachloroethane
Concen: 44.029 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

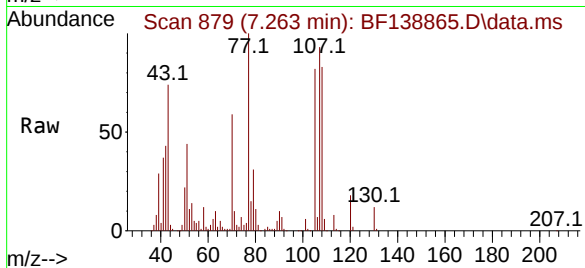
Tgt Ion:117 Resp: 64809
Ion Ratio Lower Upper
117 100
119 98.3 74.6 111.8
201 94.1 77.2 115.8



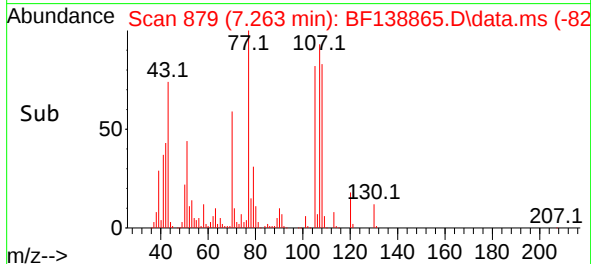
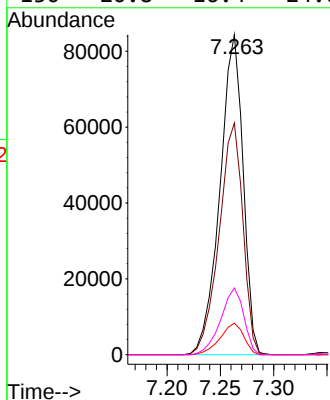


#19
n-Nitroso-di-n-propylamine
Concen: 47.775 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :
BNA_F
ClientSampleId :

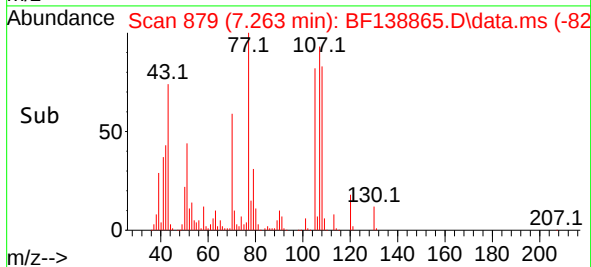
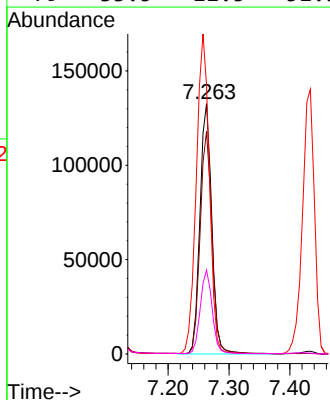
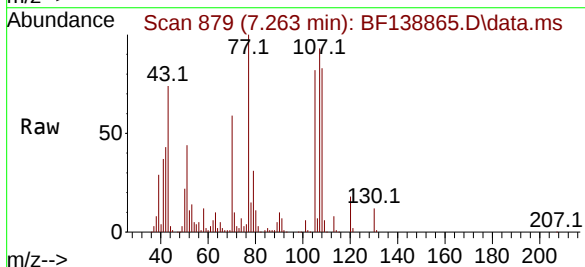


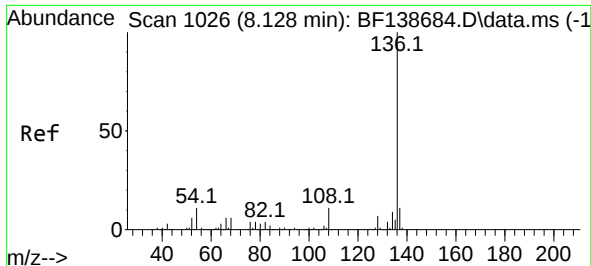
Tgt Ion: 70 Resp: 127463
Ion Ratio Lower Upper
70 100
42 72.4 57.4 86.0
101 9.9 7.5 11.3
130 20.8 16.4 24.6



#20
3+4-Methylphenols
Concen: 48.861 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

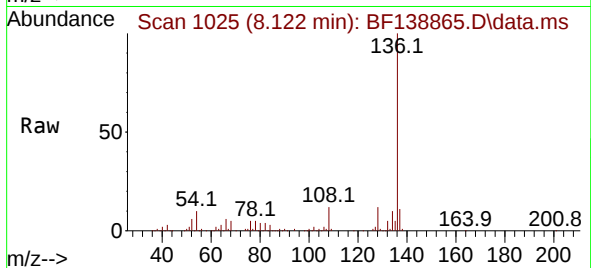
Tgt Ion: 107 Resp: 179195
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 107.4 132.1 172.1#
79 33.5 11.5 51.5



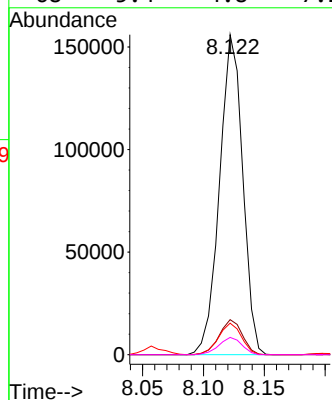
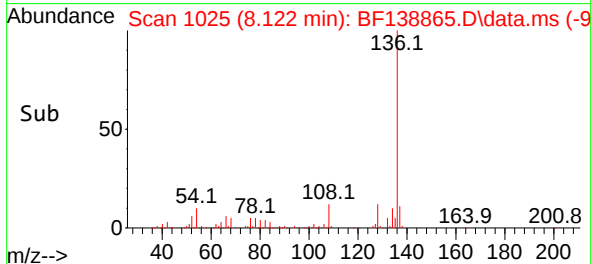


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

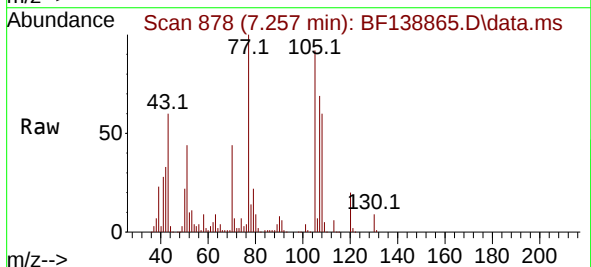
Instrument :
BNA_F
ClientSampleId :



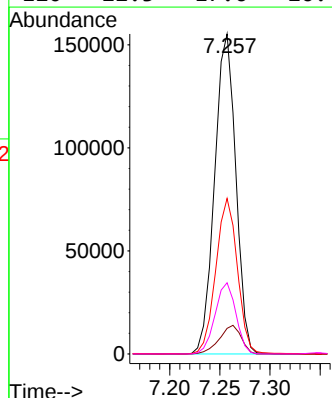
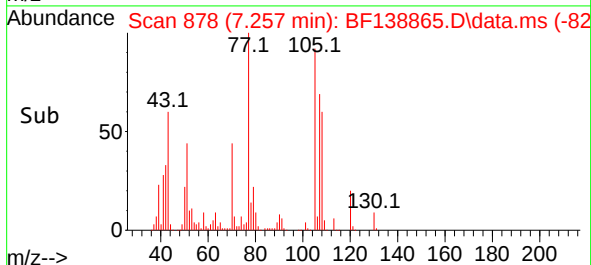
Tgt	Ion:136	Resp:	206401
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.9	8.6	12.8
68	5.4	4.8	7.2



#22
Acetophenone
Concen: 45.044 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt	Ion:105	Resp:	227639
Ion	Ratio	Lower	Upper
105	100		
71	8.0	7.2	10.8
51	48.6	35.9	53.9
120	22.3	17.6	26.4





#23

Nitrobenzene-d5

Concen: 87.181 ng

RT: 7.410 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

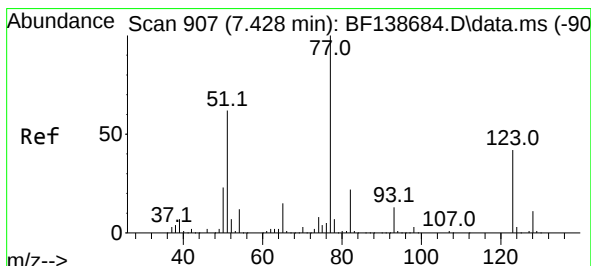
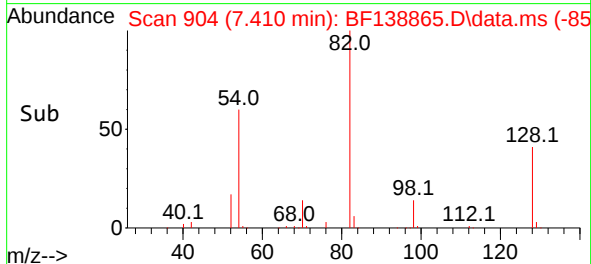
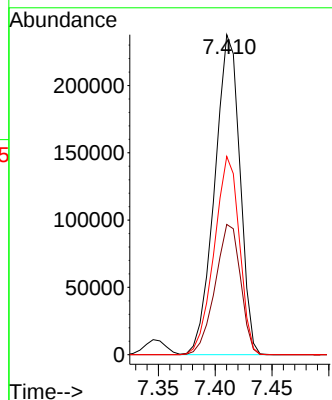
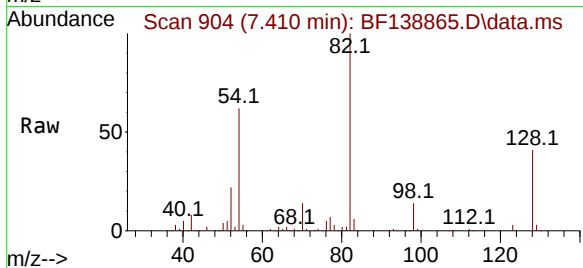
Tgt Ion: 82 Resp: 368044

Ion Ratio Lower Upper

82 100

128 40.7 32.8 49.2

54 61.9 48.3 72.5



#24

Nitrobenzene

Concen: 44.465 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

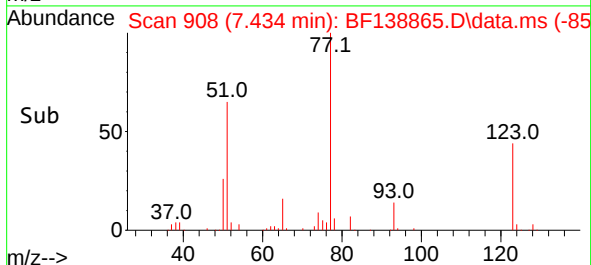
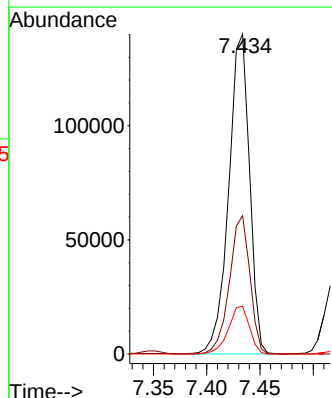
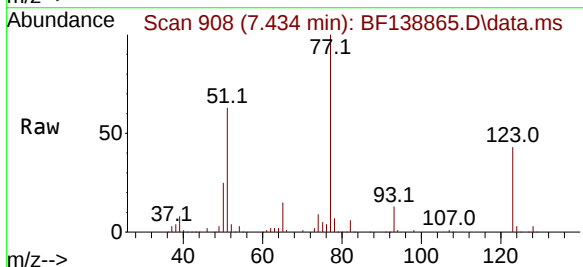
Tgt Ion: 77 Resp: 191011

Ion Ratio Lower Upper

77 100

123 43.2 33.3 49.9

65 14.9 11.9 17.9

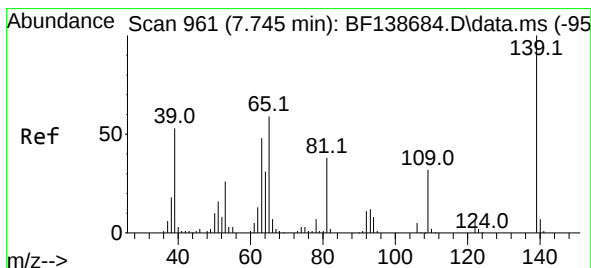
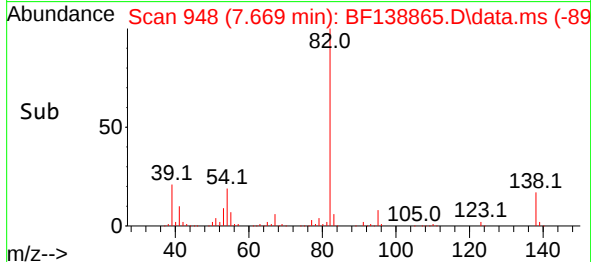
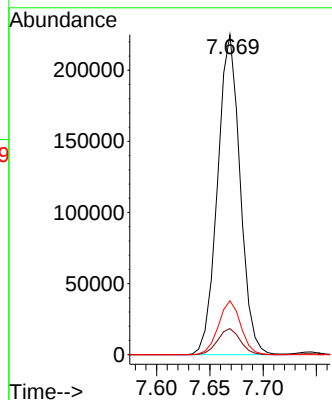
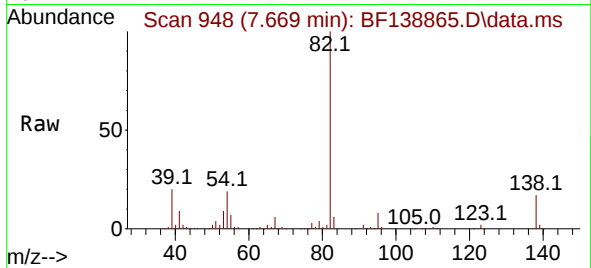




#25
Isophorone
Concen: 45.801 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

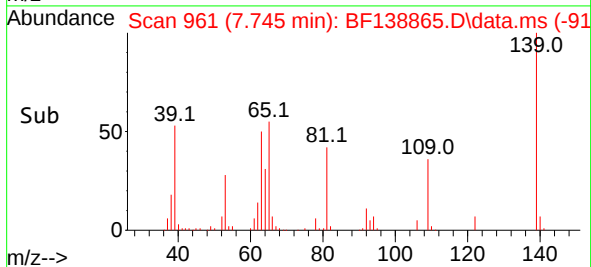
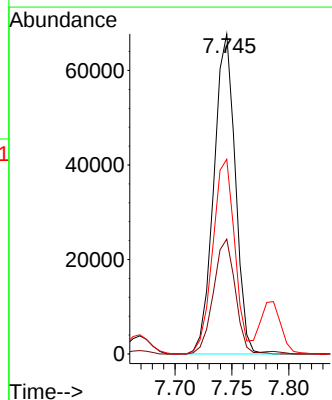
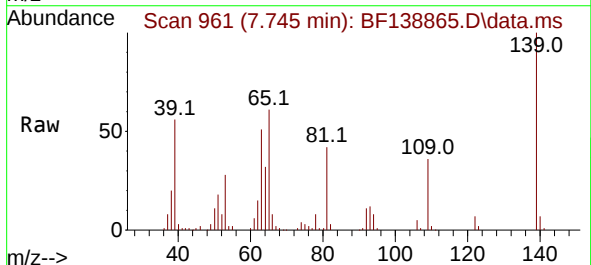
Instrument :
BNA_F
ClientSampleId :

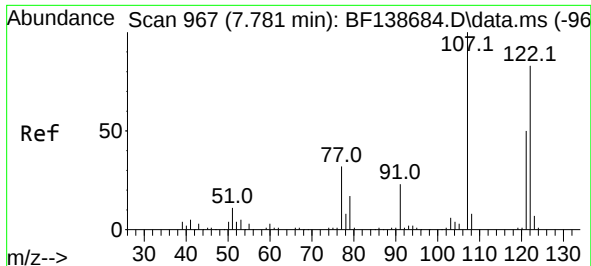
Tgt Ion: 82 Resp: 330160
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.9 13.7 20.5



#26
2-Nitrophenol
Concen: 48.010 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:139 Resp: 88731
Ion Ratio Lower Upper
139 100
109 35.9 25.9 38.9
65 60.9 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 51.526 ng

RT: 7.787 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

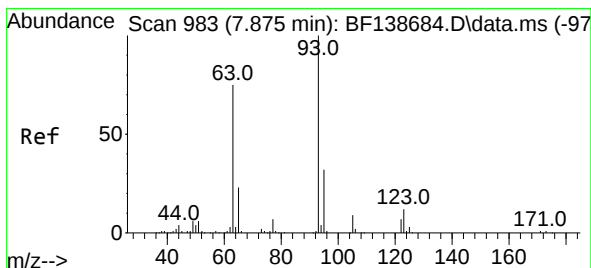
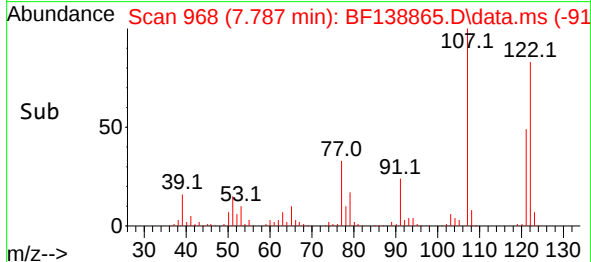
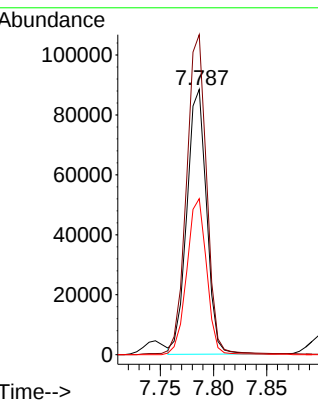
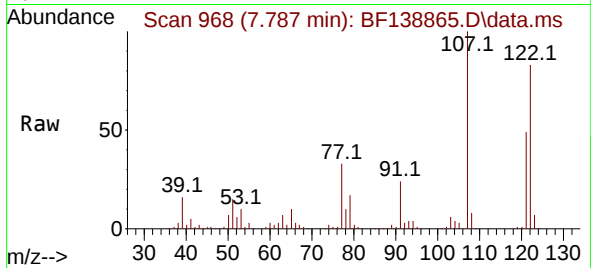
Tgt Ion:122 Resp: 113940

Ion Ratio Lower Upper

122 100

107 120.6 95.0 142.6

121 58.8 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.274 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

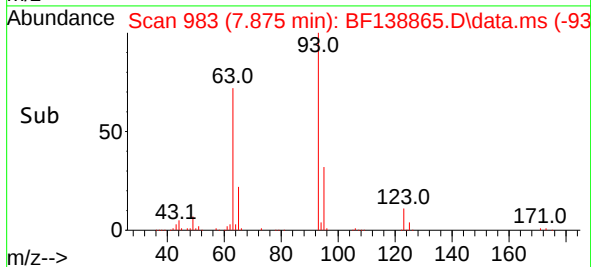
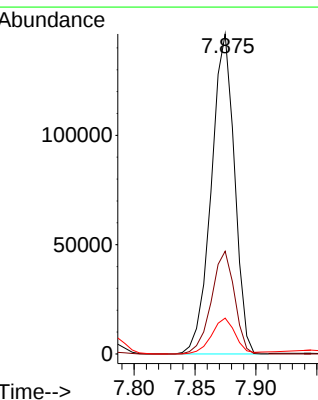
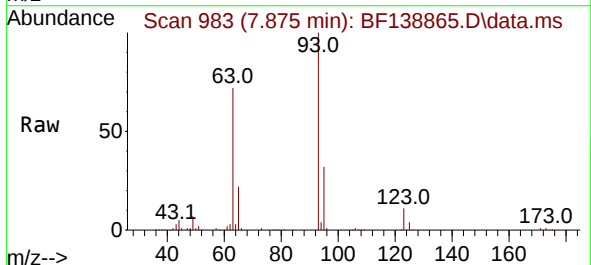
Tgt Ion: 93 Resp: 194355

Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.8

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.912 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

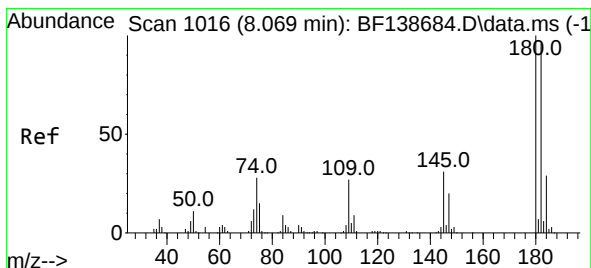
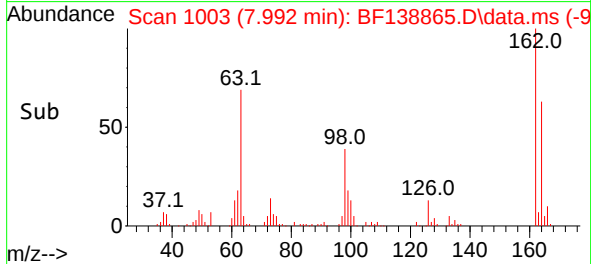
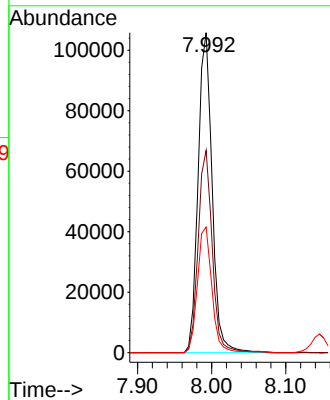
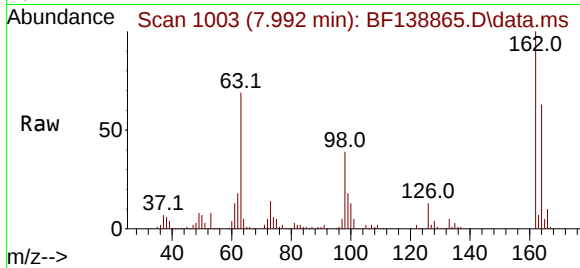
Tgt Ion:162 Resp: 138983

Ion Ratio Lower Upper

162 100

164 63.2 44.7 84.7

98 39.3 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 44.905 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

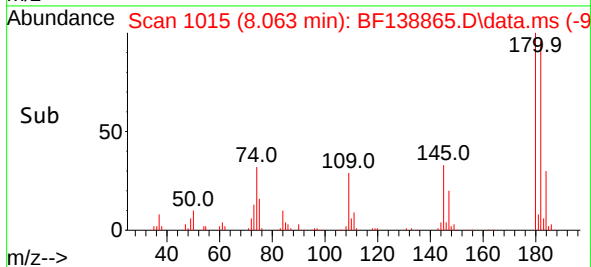
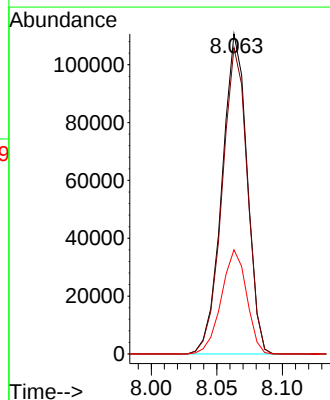
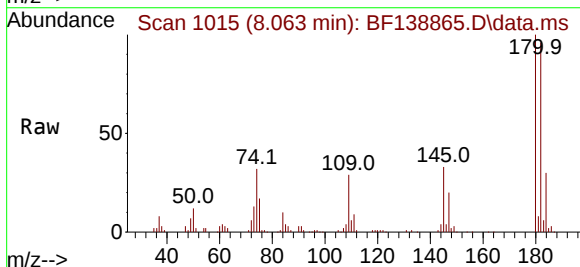
Tgt Ion:180 Resp: 147252

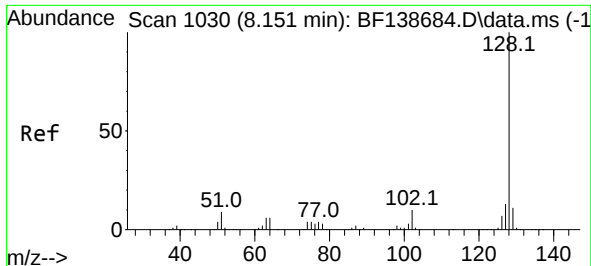
Ion Ratio Lower Upper

180 100

182 95.8 76.9 115.3

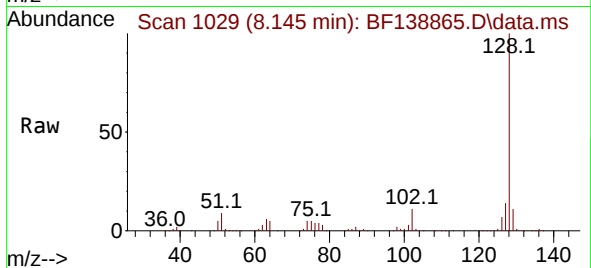
145 32.5 25.0 37.4



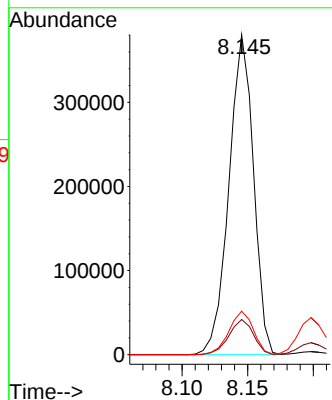
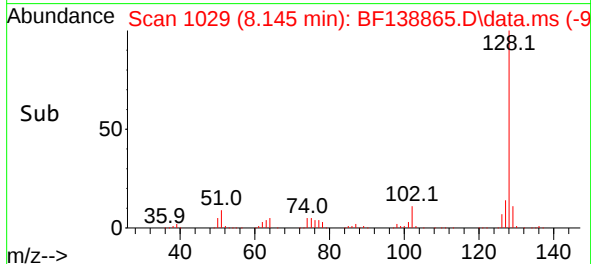


#31
Naphthalene
Concen: 45.608 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :
BNA_F
ClientSampleId :

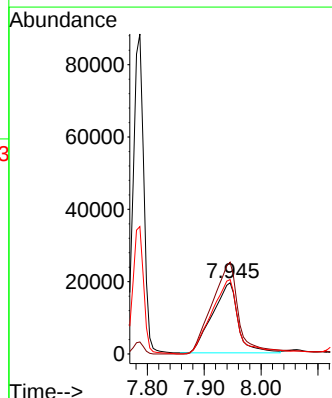
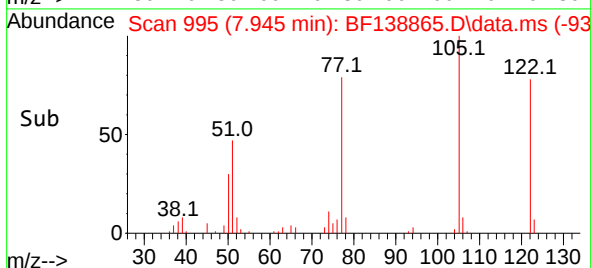
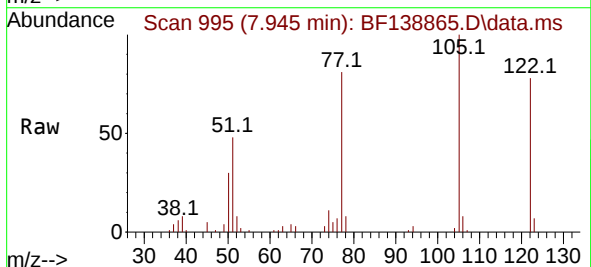


Tgt Ion:128 Resp: 495505
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 35.063 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:122 Resp: 60948
Ion Ratio Lower Upper
122 100
105 128.9 106.7 146.7
77 104.5 81.1 121.1

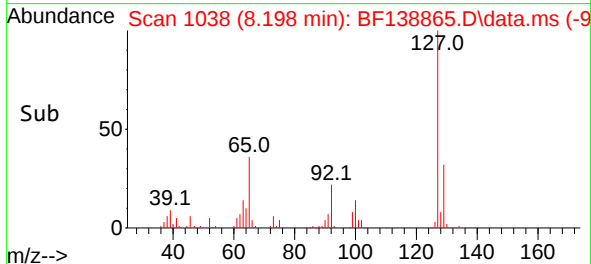
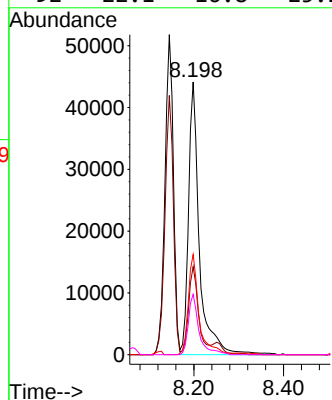
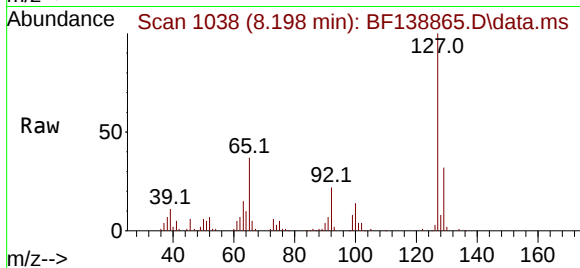




#33
4-Chloroaniline
Concen: 20.500 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

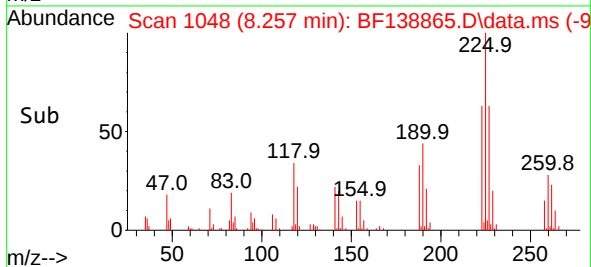
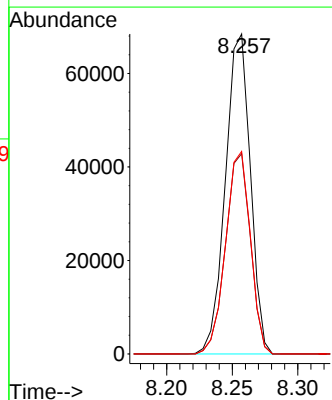
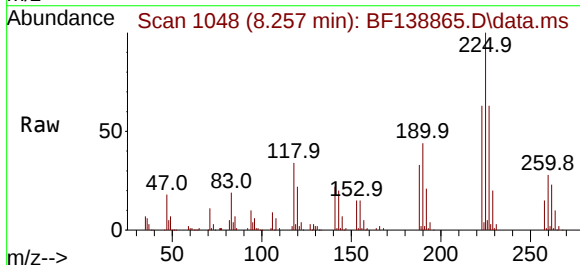
Instrument :
BNA_F
ClientSampleId :

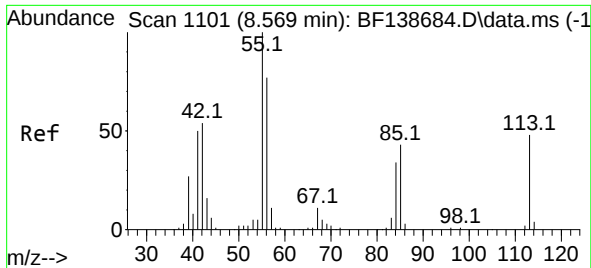
Tgt Ion:	127	Resp:	74761
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.9	38.9
65	36.8	27.6	41.4
92	22.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 45.652 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:	225	Resp:	90673
Ion Ratio	Lower	Upper	
225	100		
223	62.6	51.2	76.8
227	63.3	51.1	76.7

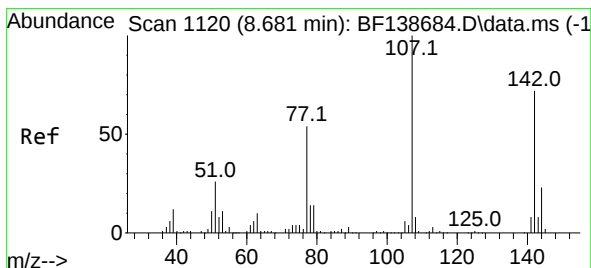
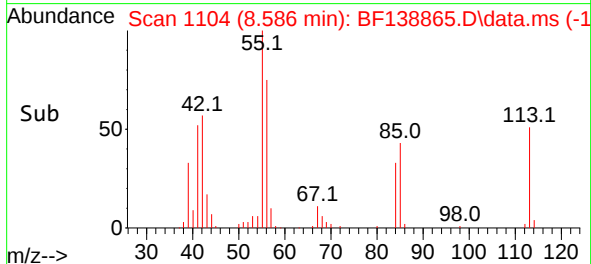
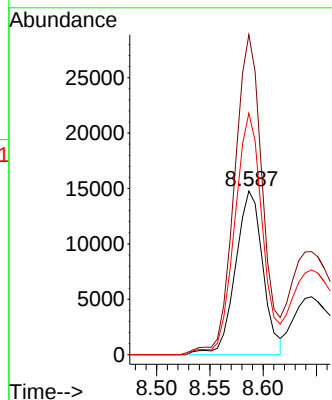
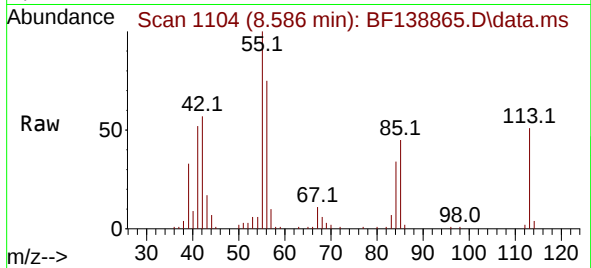




#35
Caprolactam
Concen: 31.207 ng
RT: 8.586 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

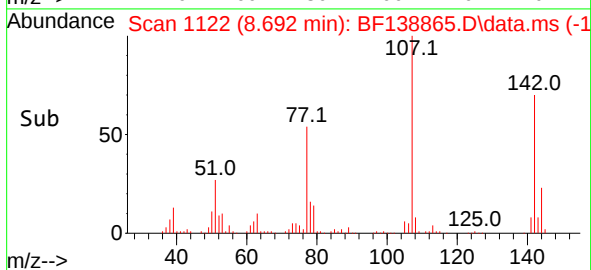
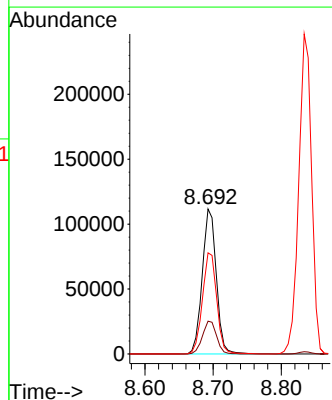
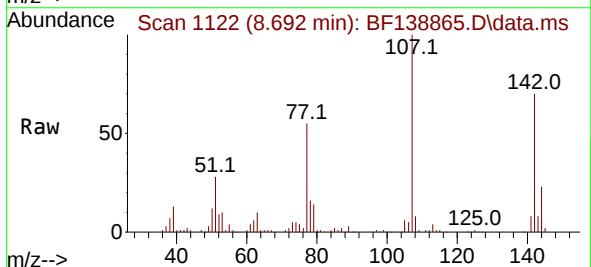
Instrument :
BNA_F
ClientSampleId :

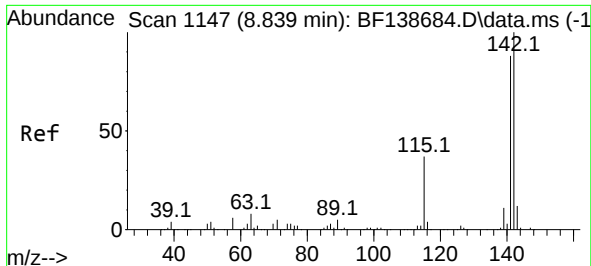
Tgt Ion:113 Resp: 26459
Ion Ratio Lower Upper
113 100
55 195.5 186.7 226.7
56 147.4 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 49.296 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:107 Resp: 160085
Ion Ratio Lower Upper
107 100
144 22.6 18.2 27.2
142 69.8 57.4 86.2





#37

2-Methylnaphthalene

Concen: 47.096 ng

RT: 8.834 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

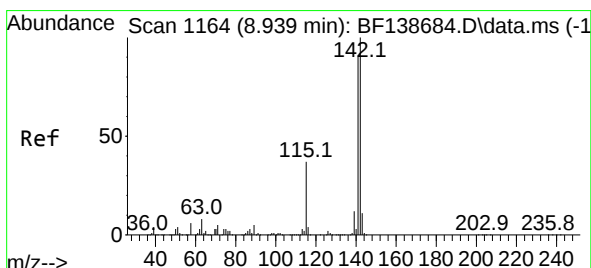
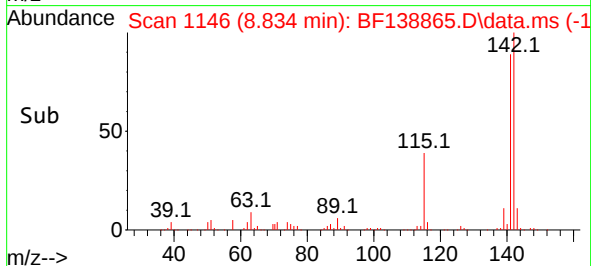
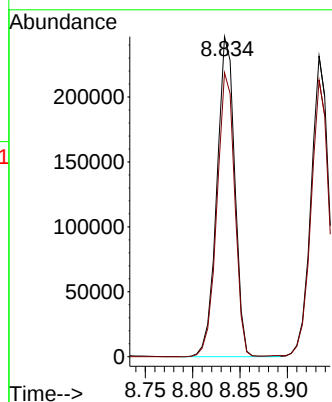
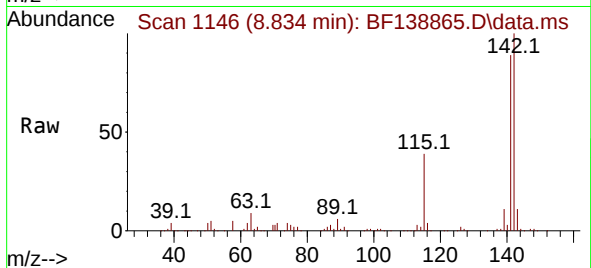
ClientSampleId :

Tgt Ion:142 Resp: 323147

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 44.125 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138865.D

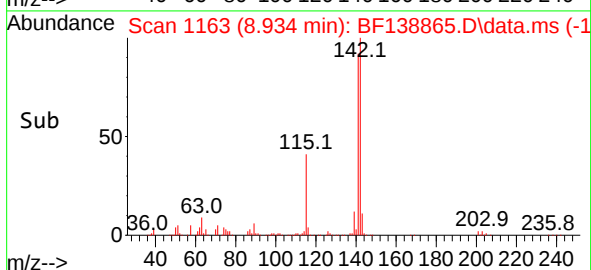
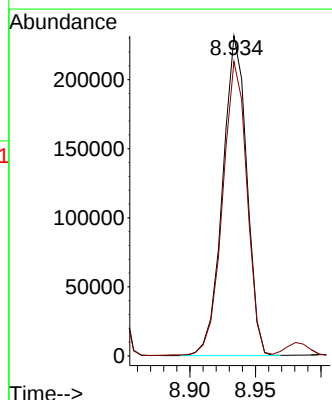
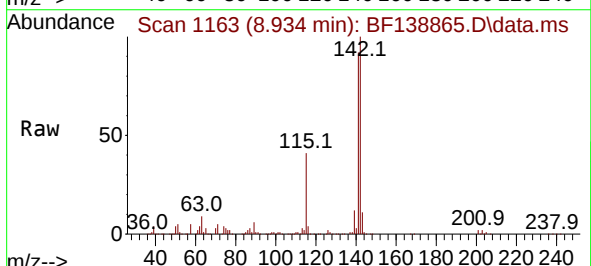
Acq: 08 Aug 2024 14:53

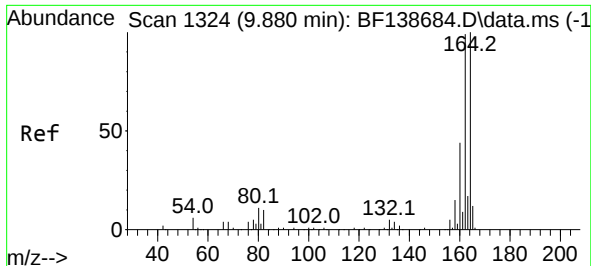
Tgt Ion:142 Resp: 296673

Ion Ratio Lower Upper

142 100

141 92.0 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: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

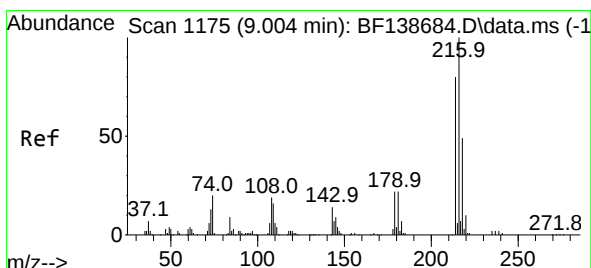
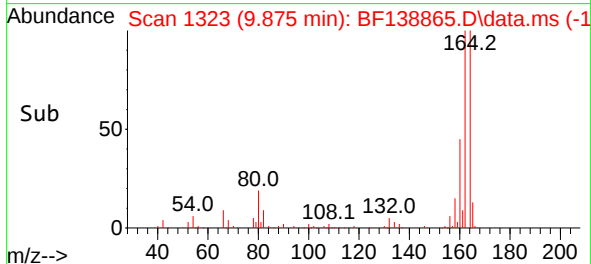
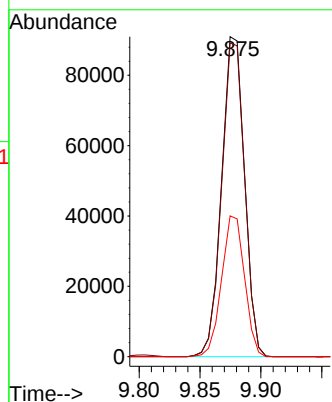
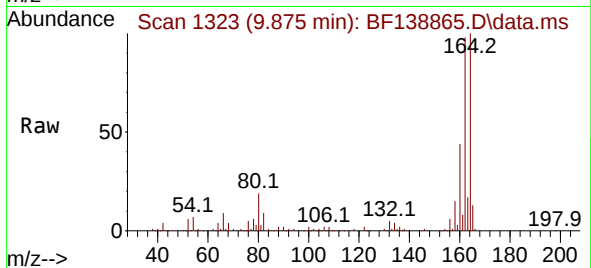
Tgt Ion:164 Resp: 119512

Ion Ratio Lower Upper

164 100

162 98.0 79.4 119.0

160 44.0 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.727 ng

RT: 9.004 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Tgt Ion:216 Resp: 138529

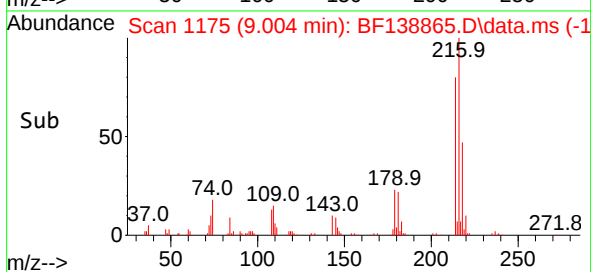
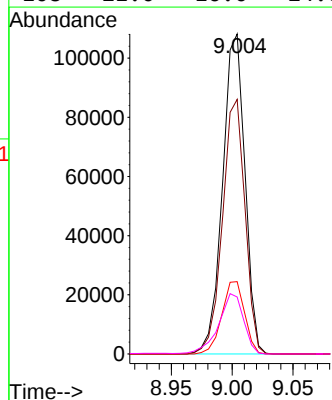
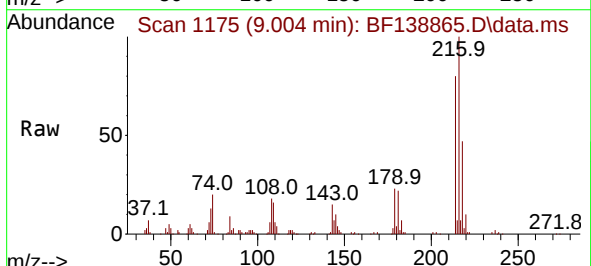
Ion Ratio Lower Upper

216 100

214 79.9 63.9 95.9

179 23.0 17.8 26.6

108 21.0 16.0 24.0

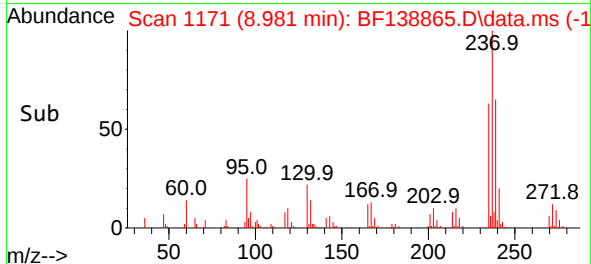
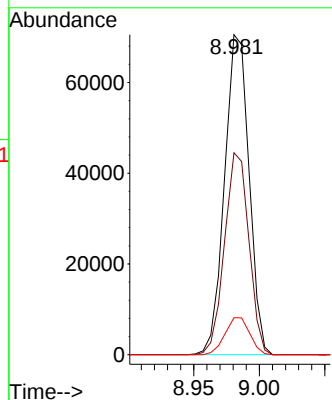
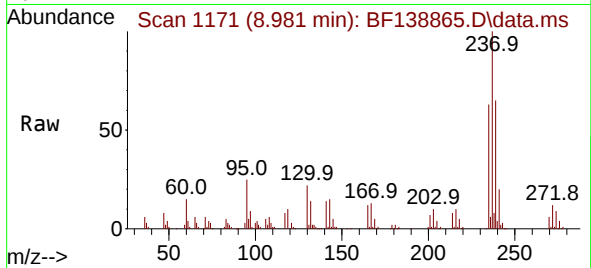




#41
Hexachlorocyclopentadiene
Concen: 102.108 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

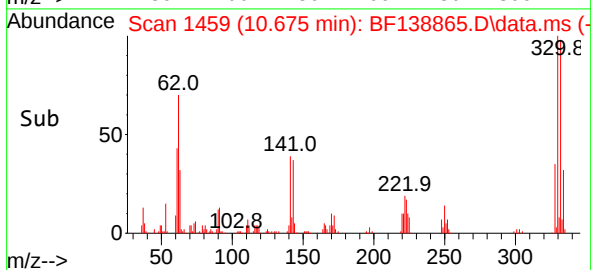
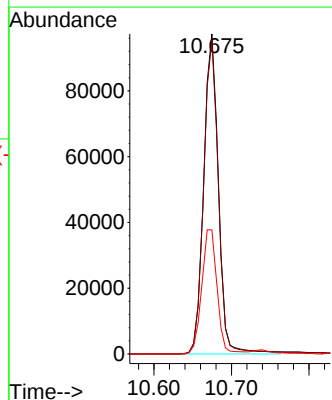
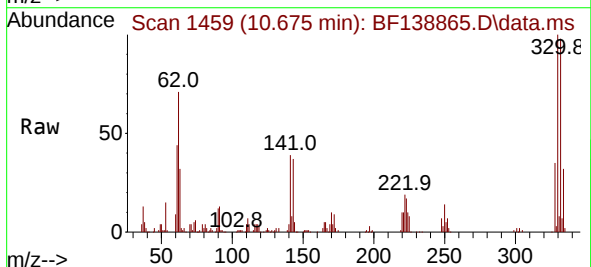
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:237 Resp: 91578
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 11.6 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 131.481 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:330 Resp: 128715
Ion Ratio Lower Upper
330 100
332 98.7 76.4 114.6
141 40.5 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 44.092 ng

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

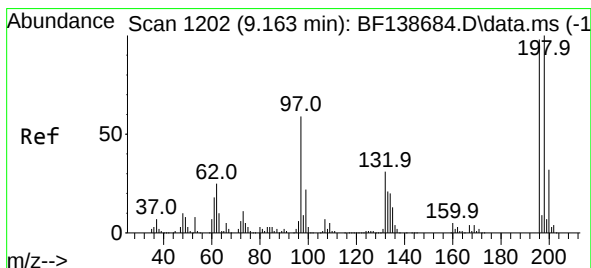
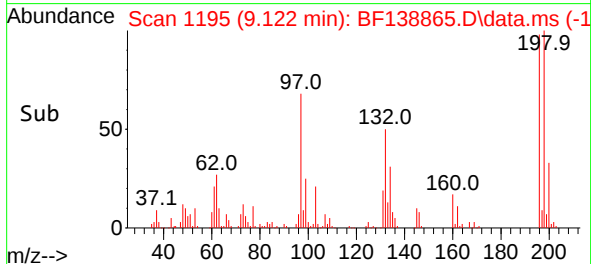
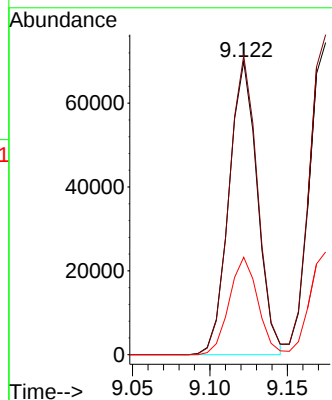
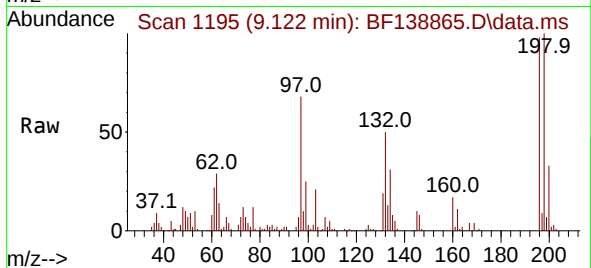
Tgt Ion:196 Resp: 89251

Ion Ratio Lower Upper

196 100

198 102.1 80.5 120.7

200 33.2 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 43.889 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Tgt Ion:196 Resp: 97120

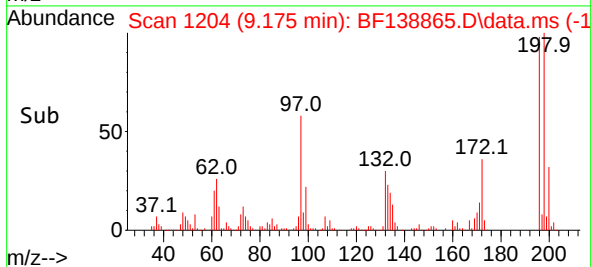
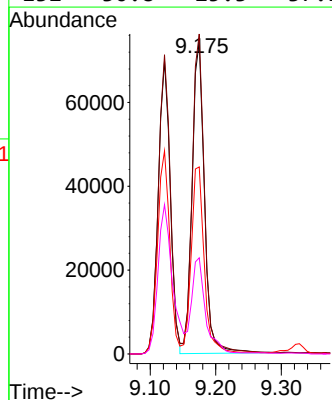
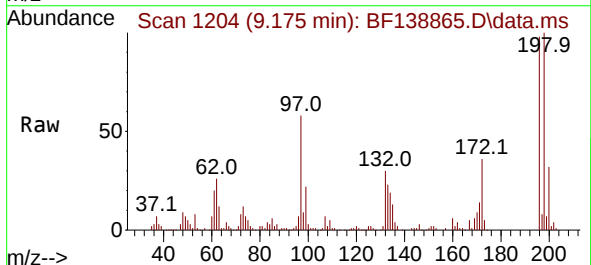
Ion Ratio Lower Upper

196 100

198 102.5 81.2 121.8

97 59.9 47.8 71.6

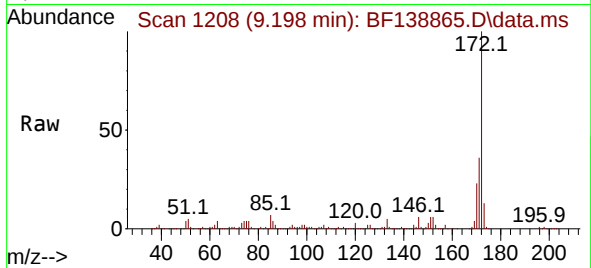
132 30.8 25.3 37.9



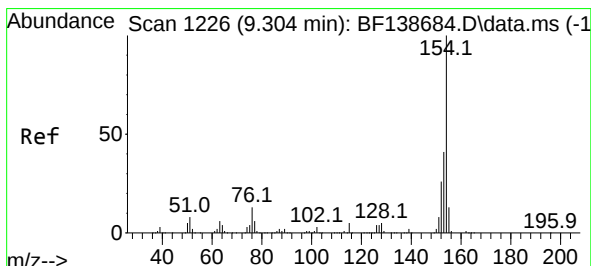
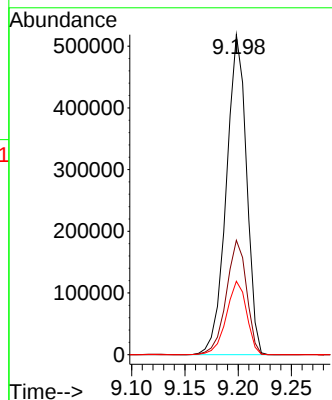
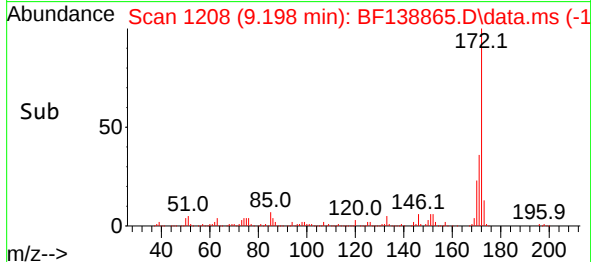


#45
2-Fluorobiphenyl
Concen: 86.037 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

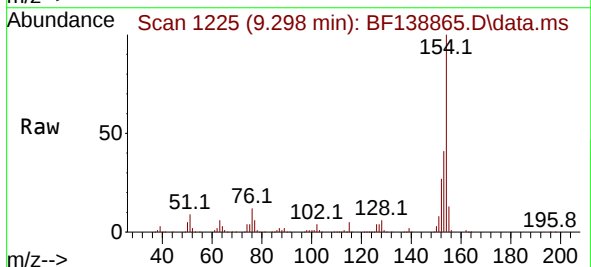
Instrument :
BNA_F
ClientSampleId :



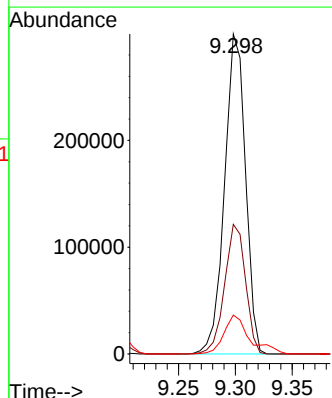
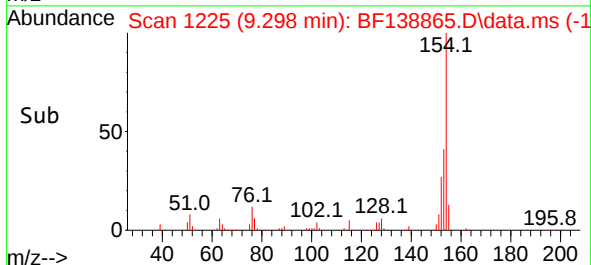
Tgt Ion:172 Resp: 684355
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.0 18.8 28.2



#46
1,1'-Biphenyl
Concen: 41.008 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:154 Resp: 383838
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 12.1 0.0 32.8

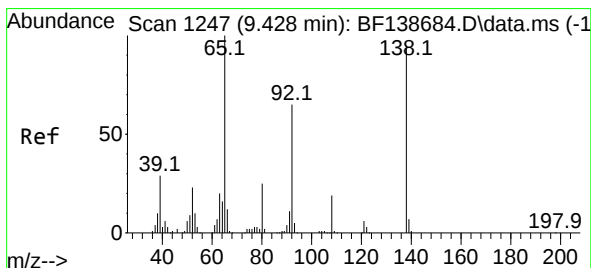
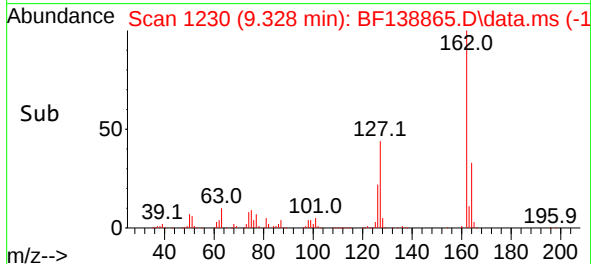
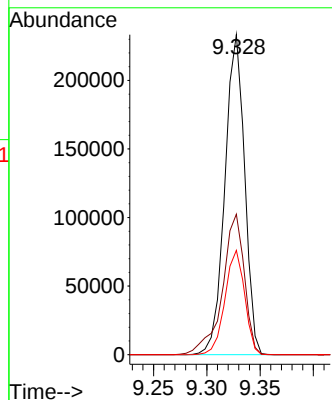
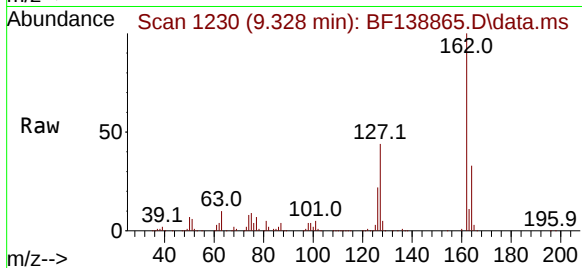




#47
2-Chloronaphthalene
Concen: 43.094 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

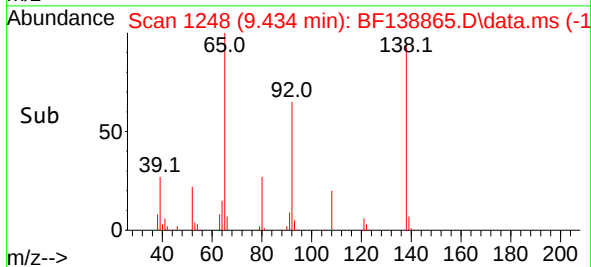
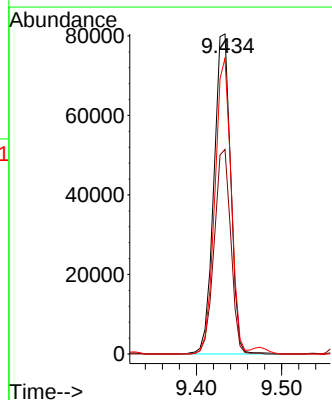
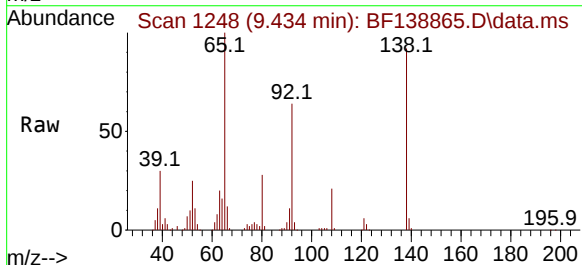
Instrument :
BNA_F
ClientSampleId :

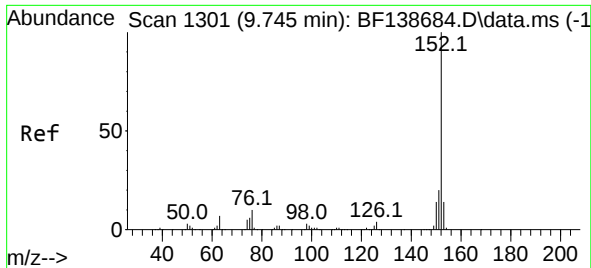
Tgt Ion:162 Resp: 299993
Ion Ratio Lower Upper
162 100
127 43.9 35.4 53.2
164 32.6 25.6 38.4



#48
2-Nitroaniline
Concen: 46.562 ng
RT: 9.434 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion: 65 Resp: 109884
Ion Ratio Lower Upper
65 100
92 63.9 52.0 78.0
138 92.4 76.2 114.4





#49

Acenaphthylene

Concen: 47.855 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

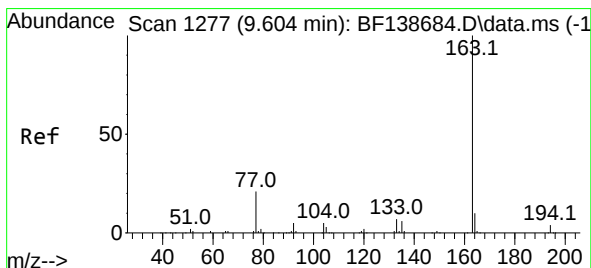
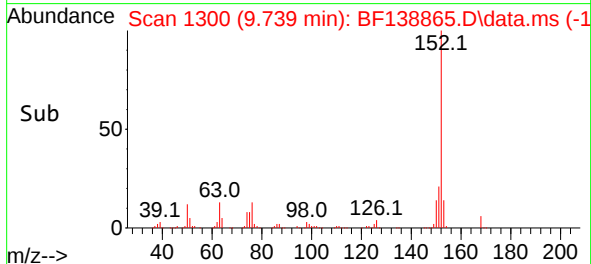
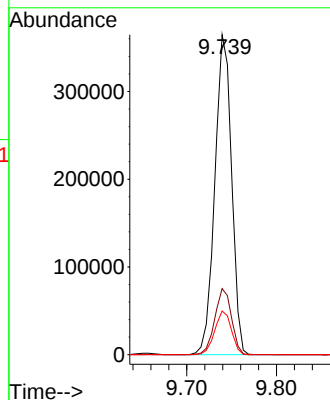
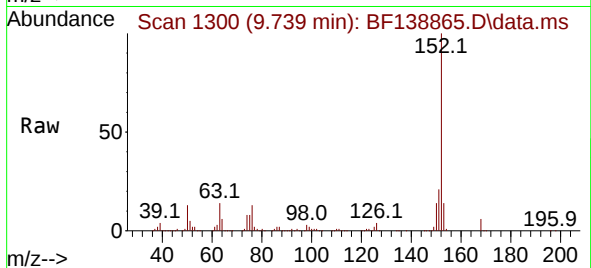
Tgt Ion:152 Resp: 472480

Ion Ratio Lower Upper

152 100

151 20.7 16.0 24.0

153 13.7 11.0 16.4



#50

Dimethylphthalate

Concen: 46.572 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

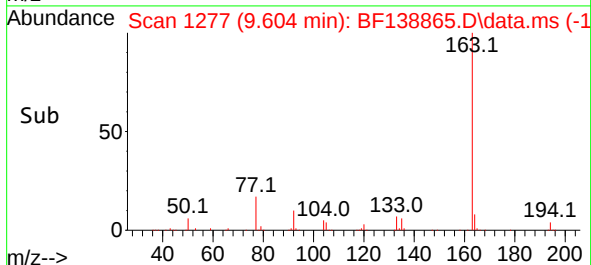
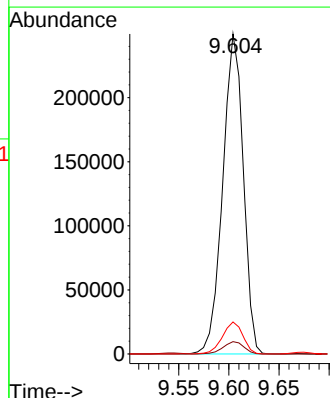
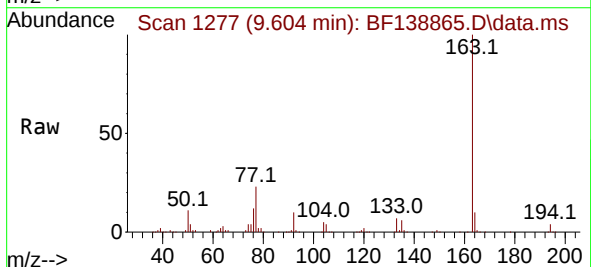
Tgt Ion:163 Resp: 355892

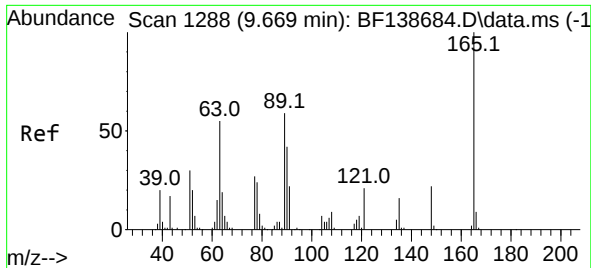
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 45.031 ng

RT: 9.675 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

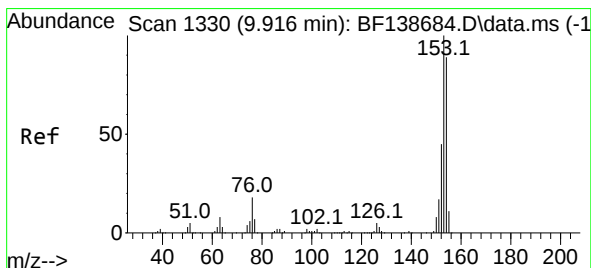
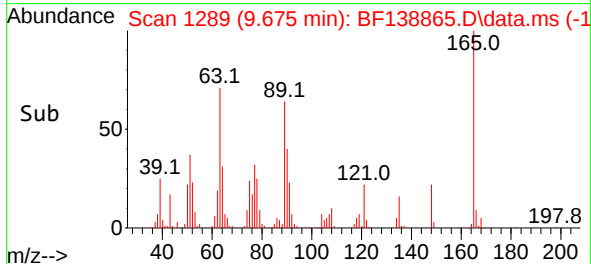
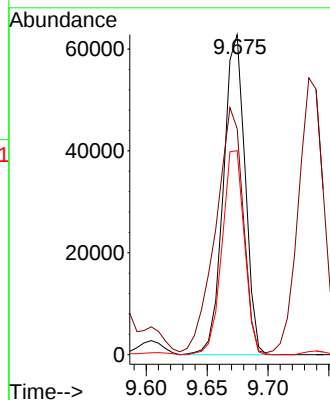
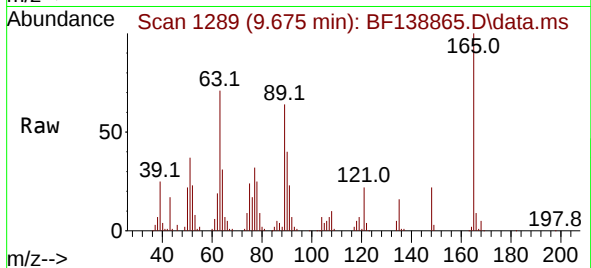
Tgt Ion:165 Resp: 77661

Ion Ratio Lower Upper

165 100

63 70.7 52.0 78.0

89 63.7 47.0 70.6



#52

Acenaphthene

Concen: 43.648 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

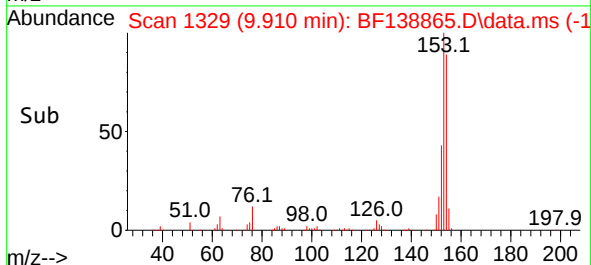
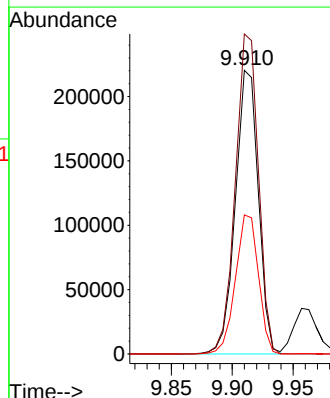
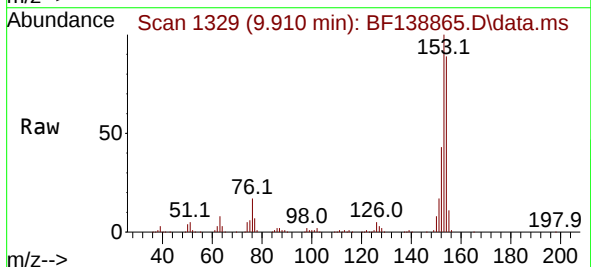
Tgt Ion:154 Resp: 289688

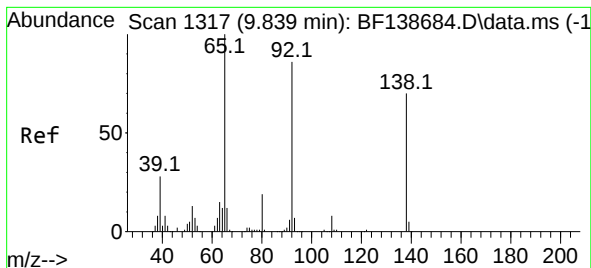
Ion Ratio Lower Upper

154 100

153 112.8 89.9 134.9

152 49.0 40.6 60.8





#53

3-Nitroaniline

Concen: 29.949 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

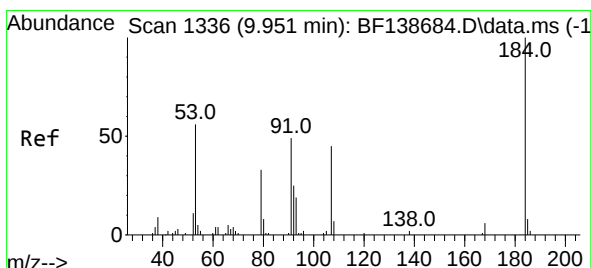
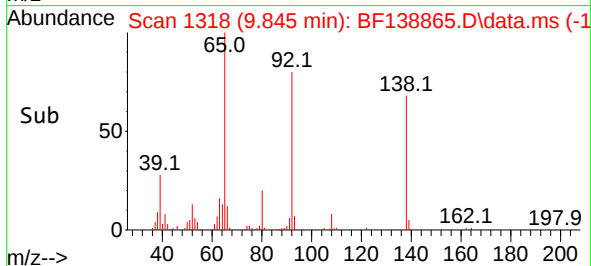
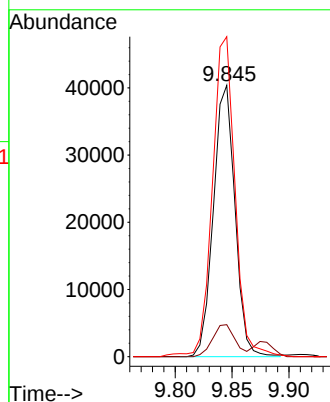
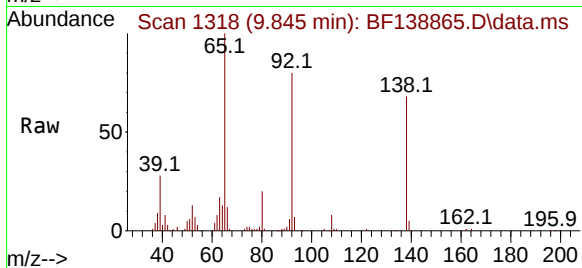
Tgt Ion:138 Resp: 53394

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

92 117.9 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 85.949 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

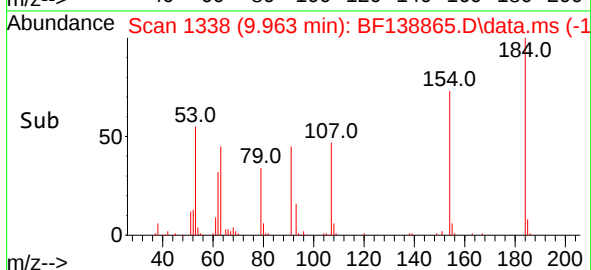
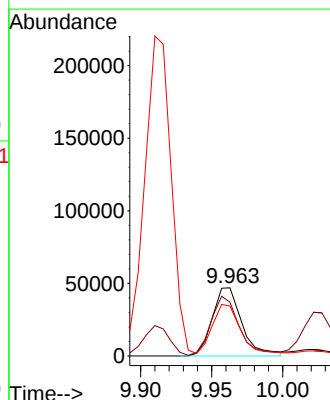
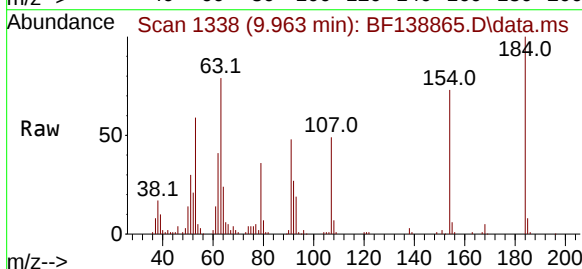
Tgt Ion:184 Resp: 68234

Ion Ratio Lower Upper

184 100

63 78.8 57.5 86.3

154 73.3 51.7 77.5





#55

Dibenzofuran

Concen: 45.662 ng

RT: 10.086 min Scan# 1359

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

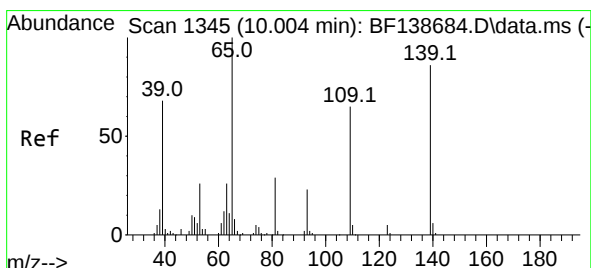
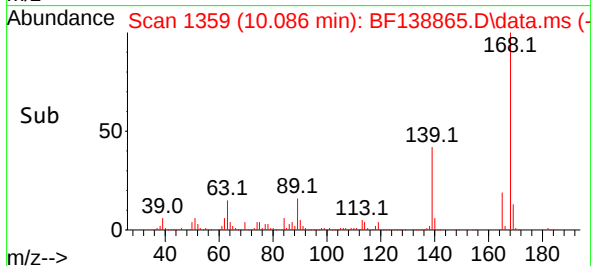
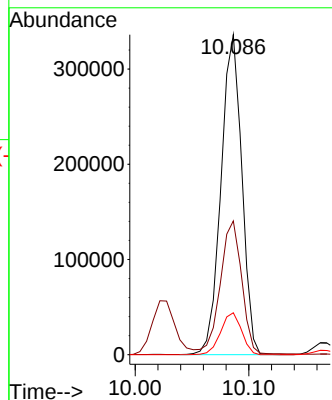
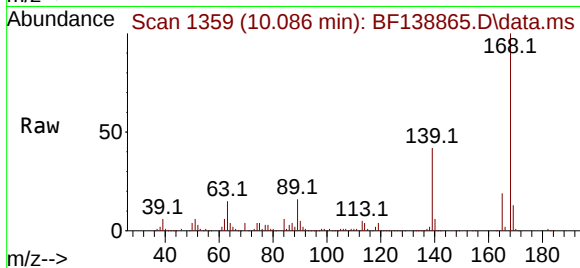
Tgt Ion:168 Resp: 427792

Ion Ratio Lower Upper

168 100

139 41.8 32.6 49.0

169 13.1 10.7 16.1



#56

4-Nitrophenol

Concen: 75.868 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.018 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

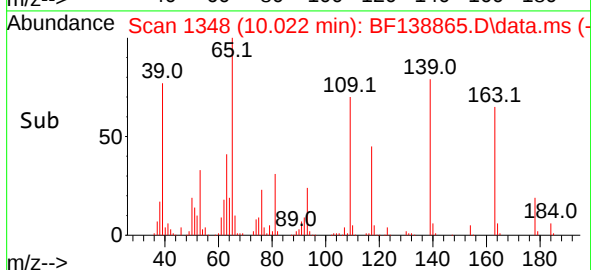
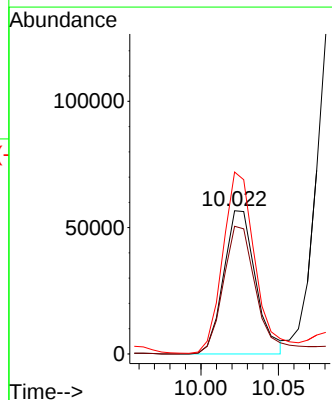
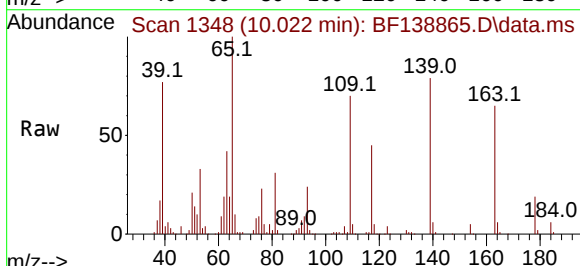
Tgt Ion:139 Resp: 81339

Ion Ratio Lower Upper

139 100

109 89.1 55.5 95.5

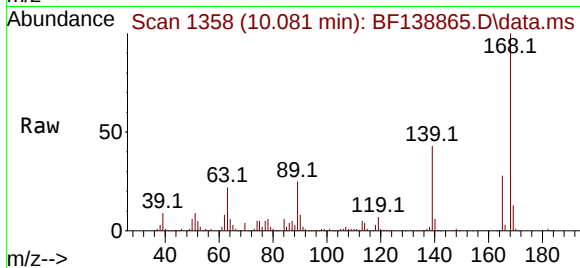
65 127.0 96.7 136.7



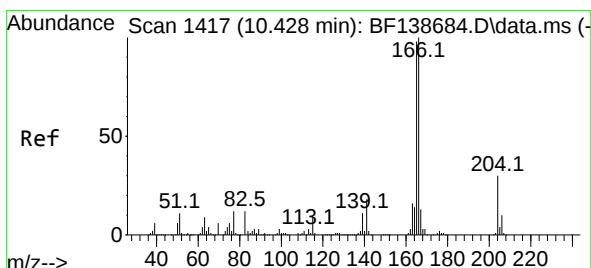
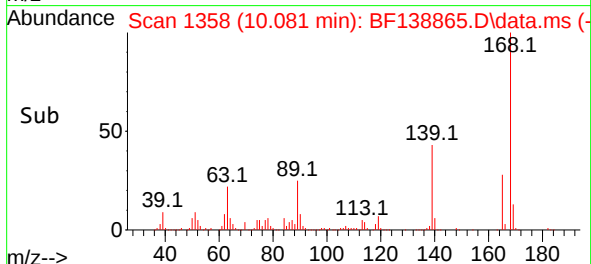
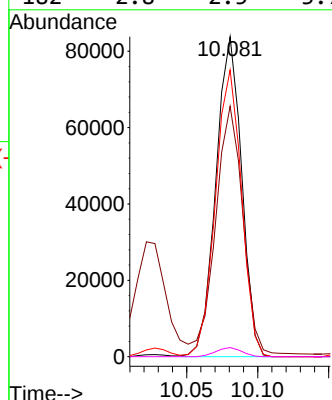


#57
2,4-Dinitrotoluene
Concen: 48.025 ng
RT: 10.081 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :
BNA_F
ClientSampleId :

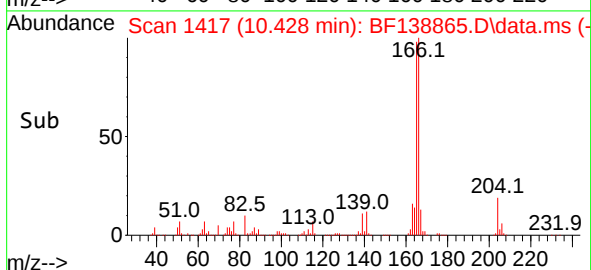
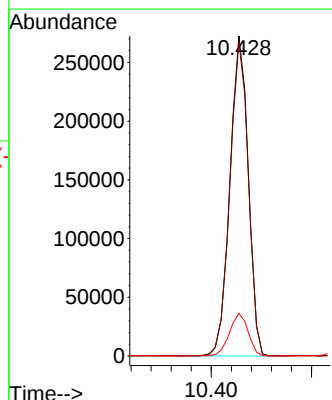
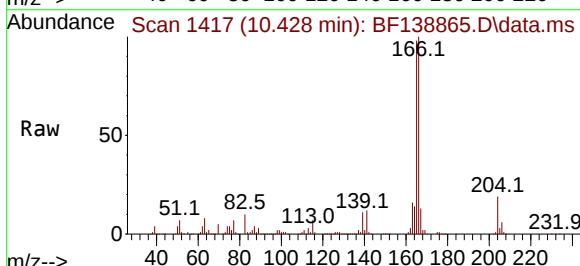


Tgt Ion:165 Resp: 105671
Ion Ratio Lower Upper
165 100
63 78.2 46.3 69.5#
89 89.6 64.2 96.4
182 2.8 2.5 3.7



#58
Fluorene
Concen: 46.342 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

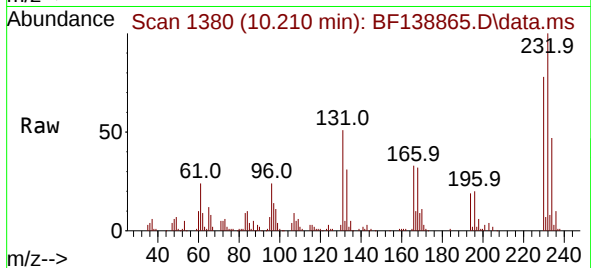
Tgt Ion:166 Resp: 345742
Ion Ratio Lower Upper
166 100
165 98.0 78.4 117.6
167 13.3 10.6 16.0



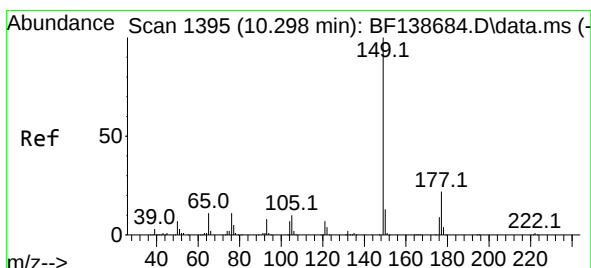
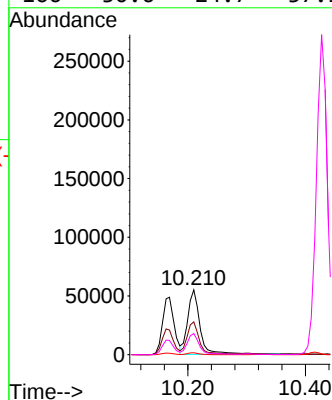
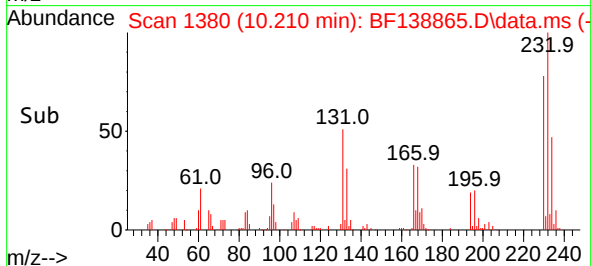


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.126 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

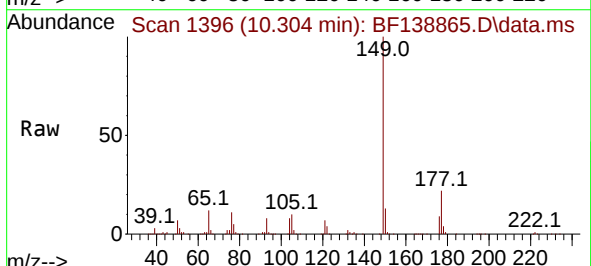
Instrument :
BNA_F
ClientSampleId :



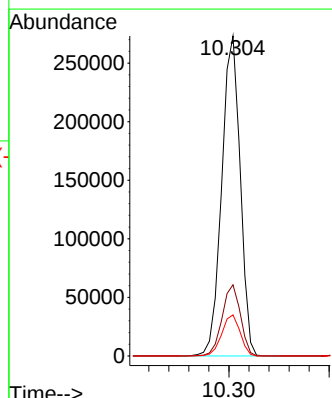
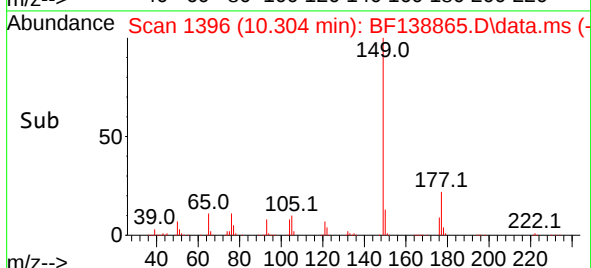
Tgt Ion:232 Resp: 79727
Ion Ratio Lower Upper
232 100
131 50.3 37.0 55.4
130 2.9 2.0 3.0
166 30.6 24.7 37.1

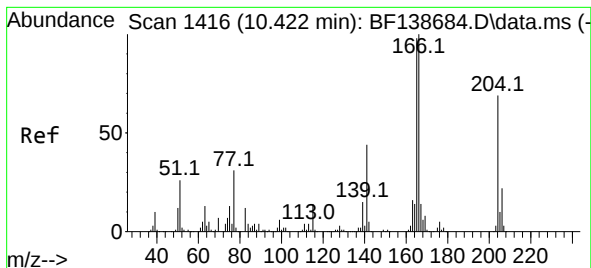


#60
Diethylphthalate
Concen: 48.104 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53



Tgt Ion:149 Resp: 348550
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.8
150 12.9 10.1 15.1

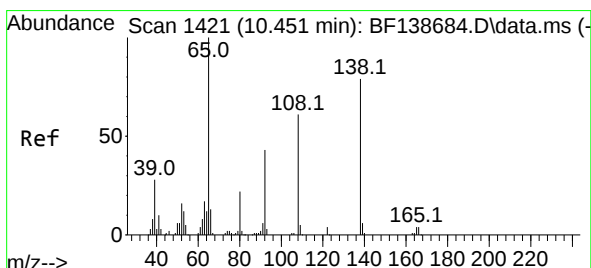
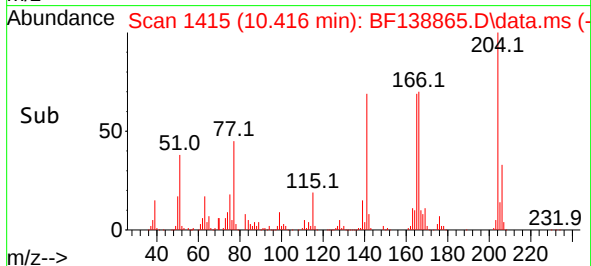
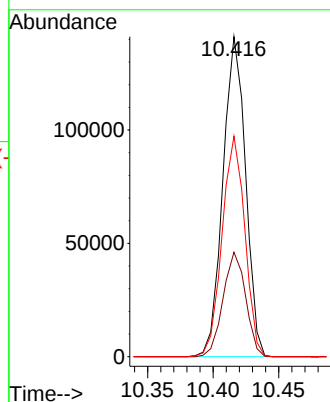
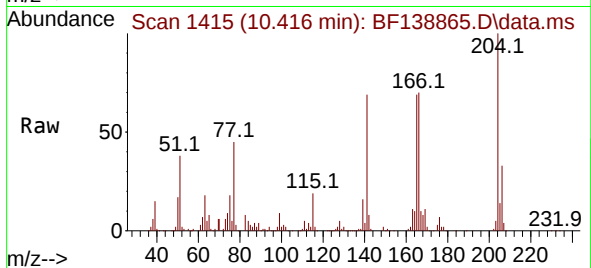




#61
4-Chlorophenyl-phenylether
Concen: 46.132 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

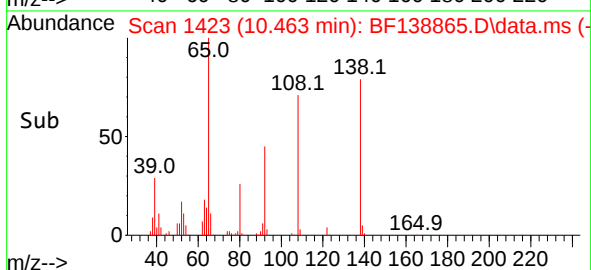
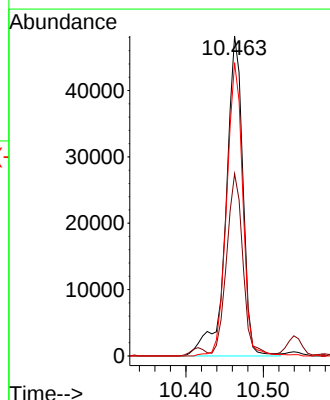
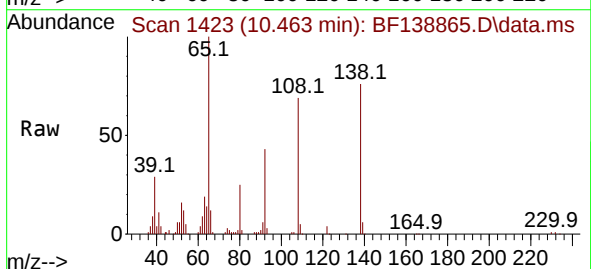
Instrument :
BNA_F
ClientSampleId :

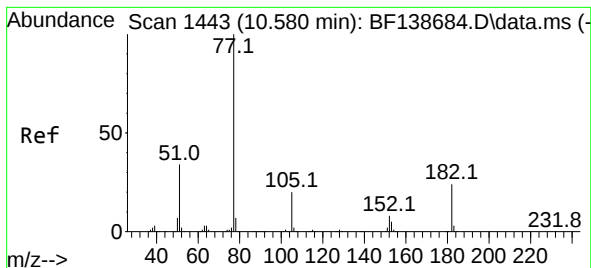
Tgt Ion:204 Resp: 169273
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 68.9 51.4 77.0



#62
4-Nitroaniline
Concen: 43.436 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:138 Resp: 73592
Ion Ratio Lower Upper
138 100
92 57.0 34.2 74.2
108 91.7 56.2 96.2





#63

Azobenzene

Concen: 45.886 ng

RT: 10.575 min Scan# 1442

Delta R.T. -0.006 min

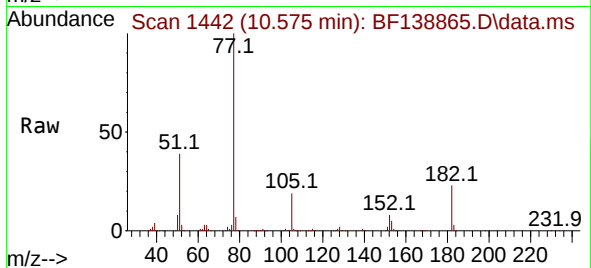
Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 368751

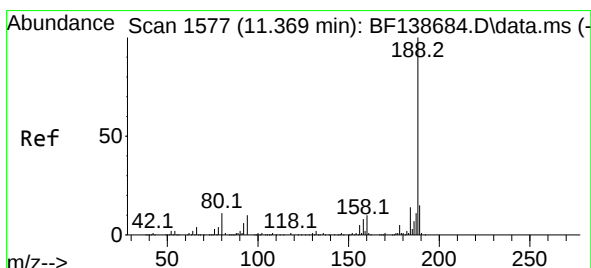
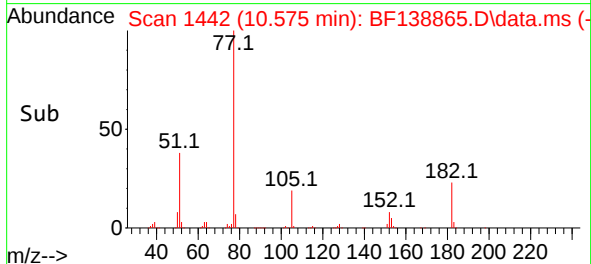
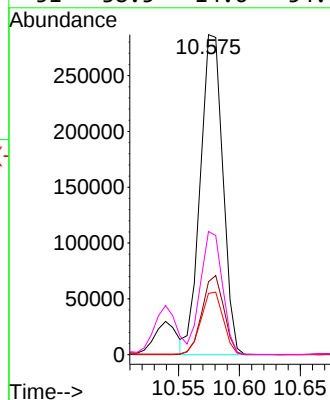
Ion Ratio Lower Upper

77 100

182 22.8 3.4 43.4

105 19.2 0.2 40.2

51 38.5 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: BF138865.D

Acq: 08 Aug 2024 14:53

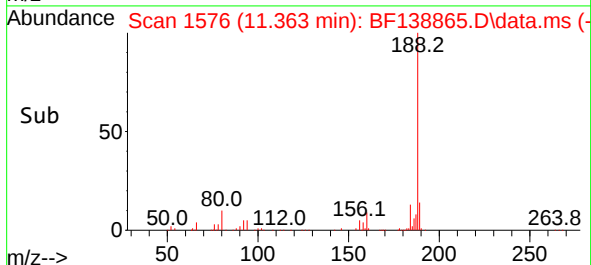
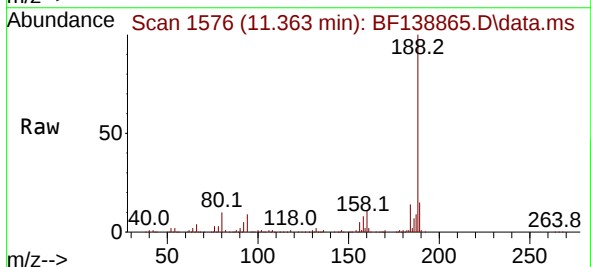
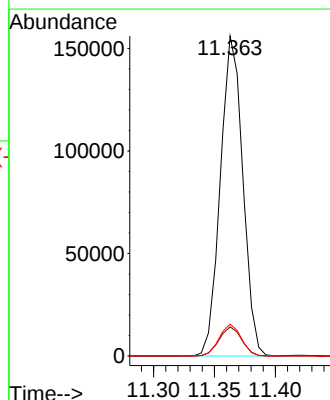
Tgt Ion: 188 Resp: 200005

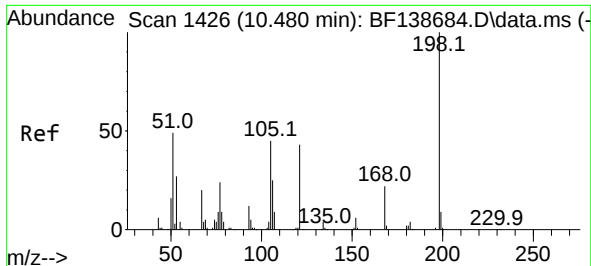
Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.9 8.6 12.8

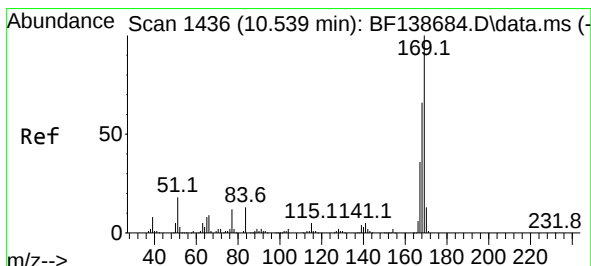
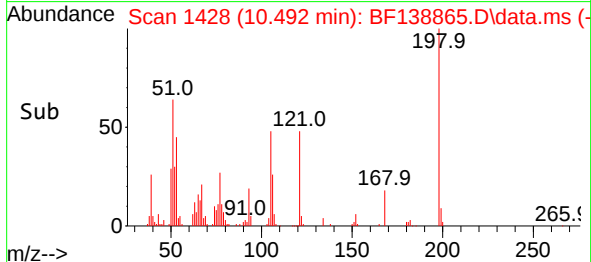
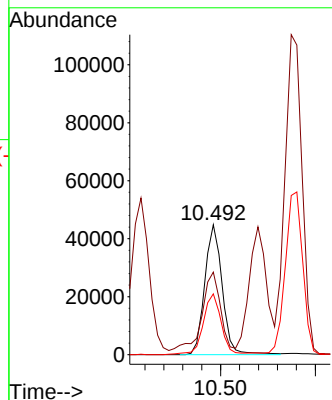
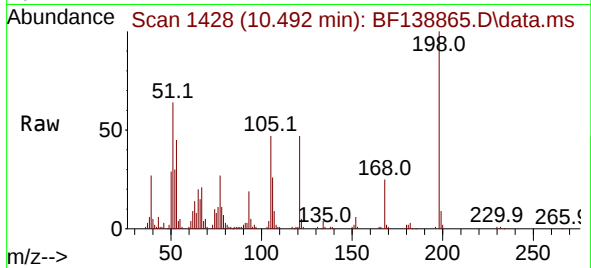




#65
4,6-Dinitro-2-methylphenol
Concen: 47.028 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

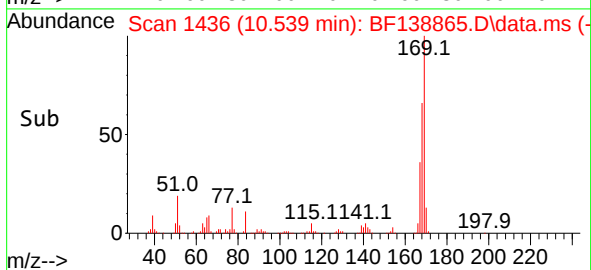
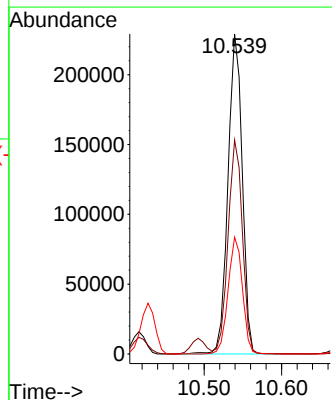
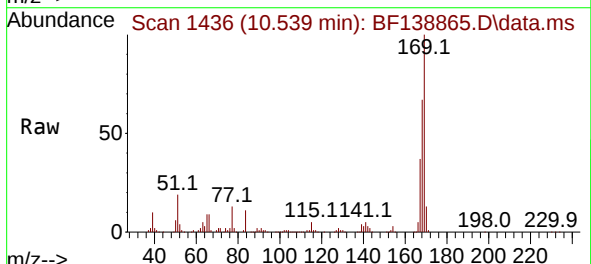
Instrument :
BNA_F
ClientSampleId :

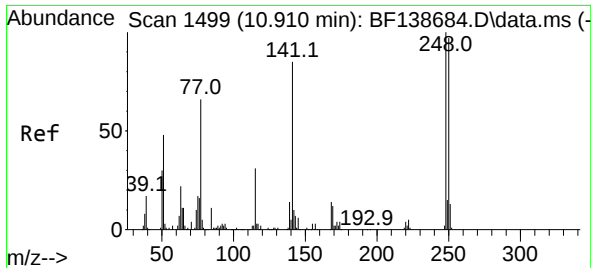
Tgt Ion:198 Resp: 57384
Ion Ratio Lower Upper
198 100
51 63.6 39.9 79.9
105 46.8 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 46.935 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:169 Resp: 293422
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.5 29.0 43.6

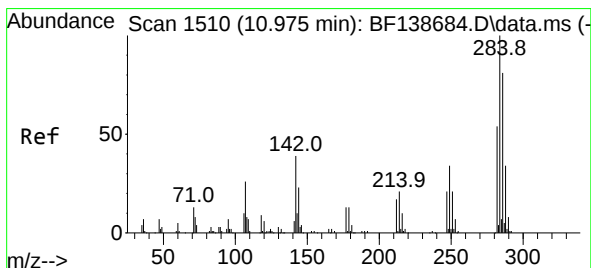
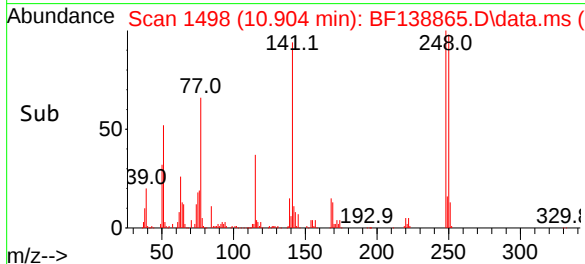
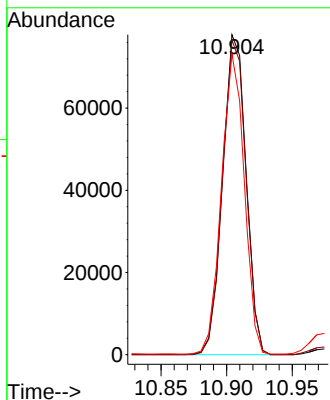
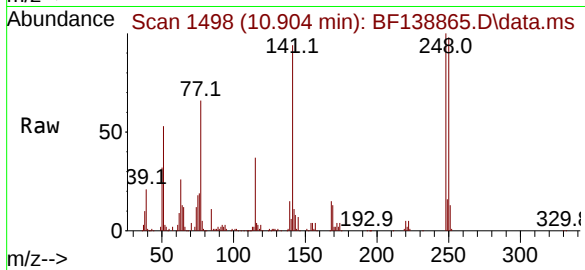




#67
4-Bromophenyl-phenylether
Concen: 44.808 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

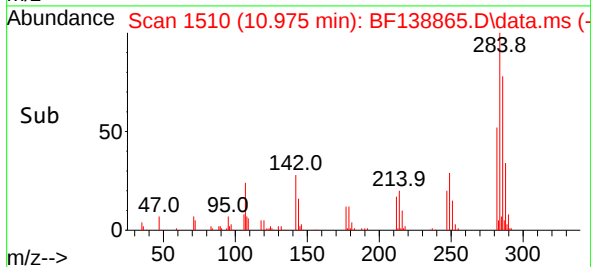
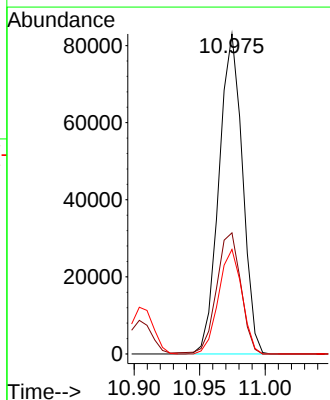
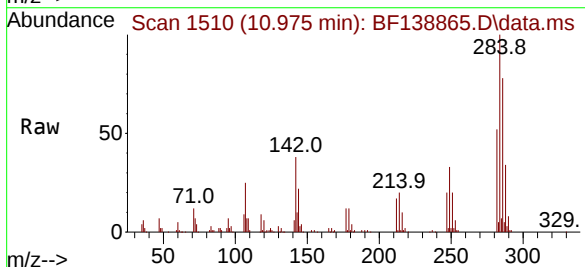
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 97029
Ion Ratio Lower Upper
248 100
250 98.3 77.7 116.5
141 94.0 68.0 102.0



#68
Hexachlorobenzene
Concen: 46.209 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:284 Resp: 103316
Ion Ratio Lower Upper
284 100
142 37.9 31.3 46.9
249 32.6 27.2 40.8





#69

Atrazine

Concen: 54.476 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

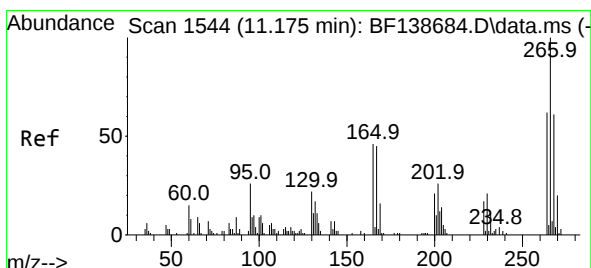
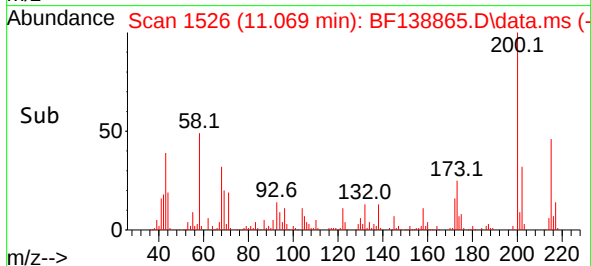
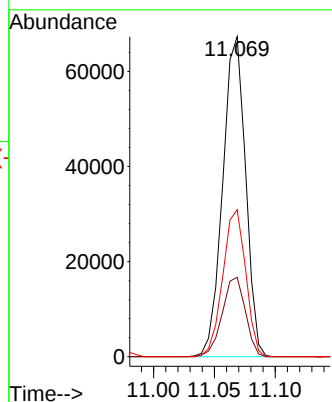
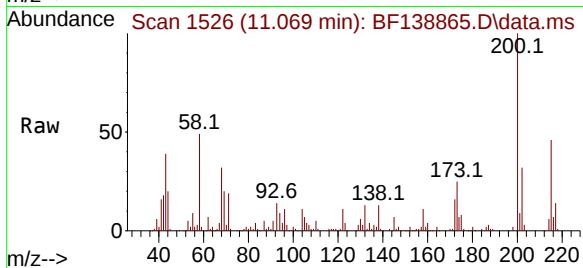
Tgt Ion:200 Resp: 87867

Ion Ratio Lower Upper

200 100

173 24.8 6.0 46.0

215 46.0 26.1 66.1



#70

Pentachlorophenol

Concen: 72.874 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

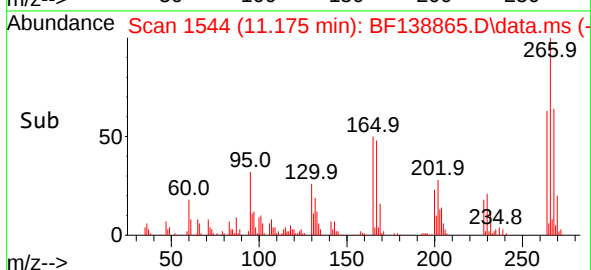
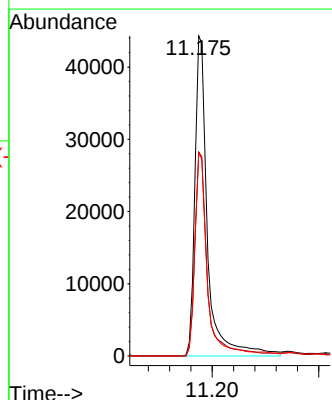
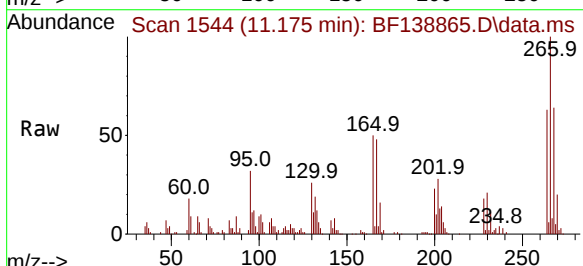
Tgt Ion:266 Resp: 73441

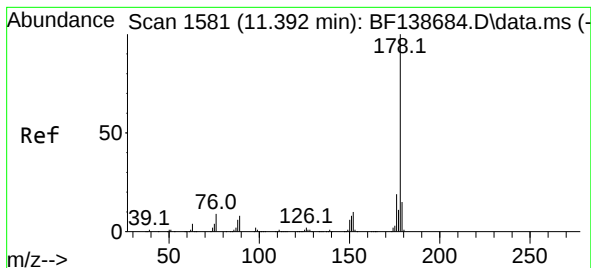
Ion Ratio Lower Upper

266 100

268 63.7 49.2 73.8

264 63.5 49.8 74.6





#71

Phenanthrene

Concen: 47.820 ng

RT: 11.392 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

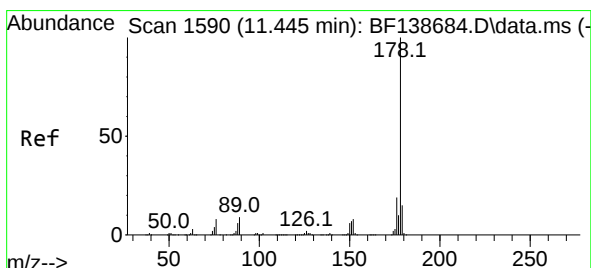
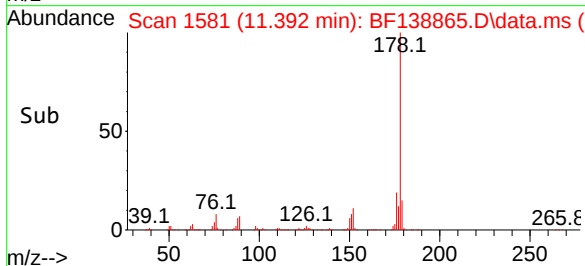
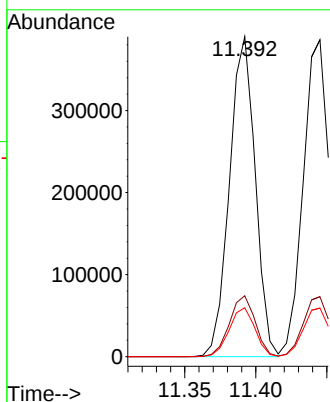
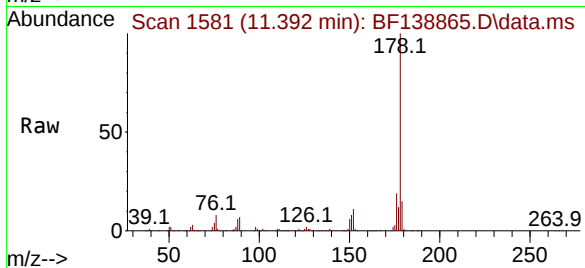
Tgt Ion:178 Resp: 492485

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.3 12.2 18.2



#72

Anthracene

Concen: 48.634 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

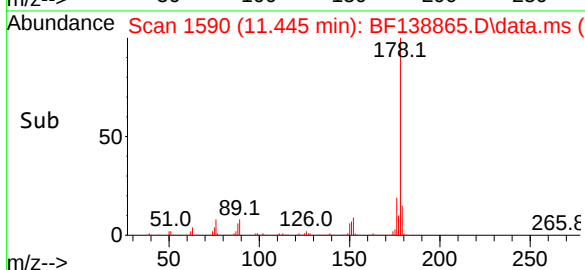
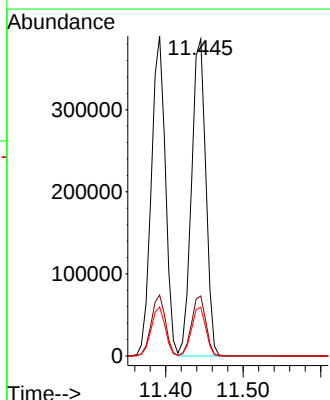
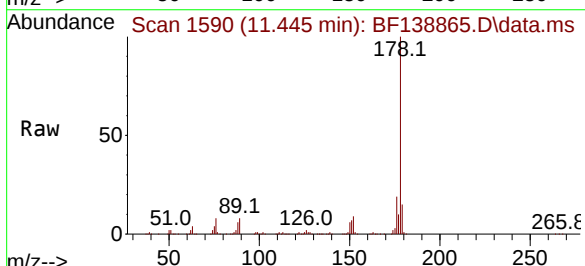
Tgt Ion:178 Resp: 493425

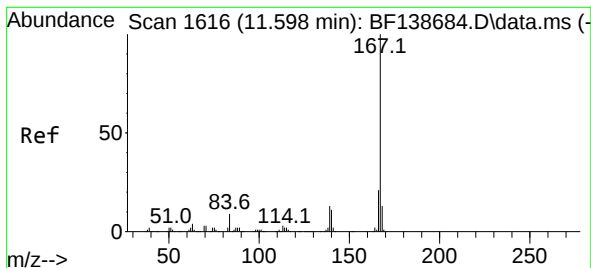
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.4 12.4 18.6





#73

Carbazole

Concen: 46.991 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

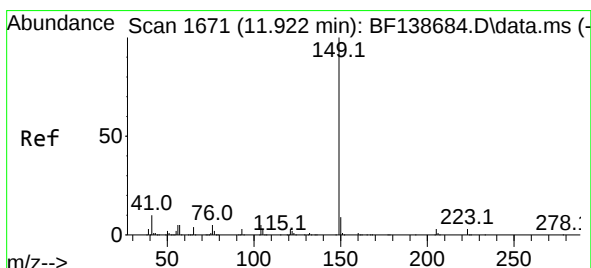
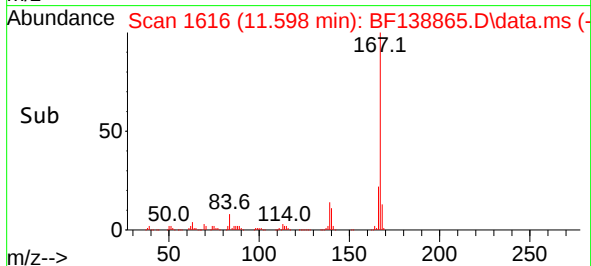
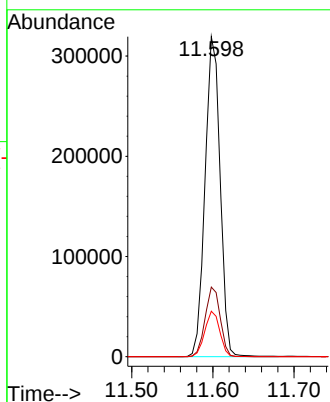
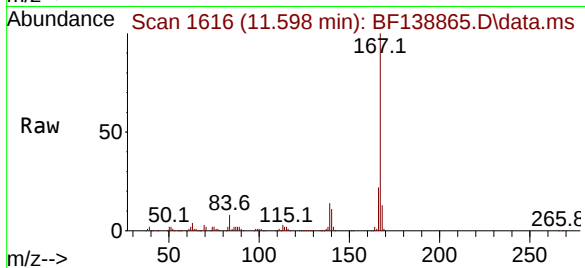
Tgt Ion:167 Resp: 411316

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 14.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 53.334 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

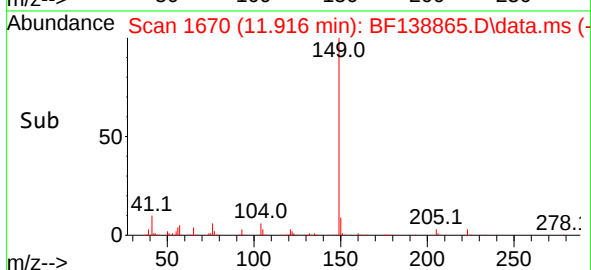
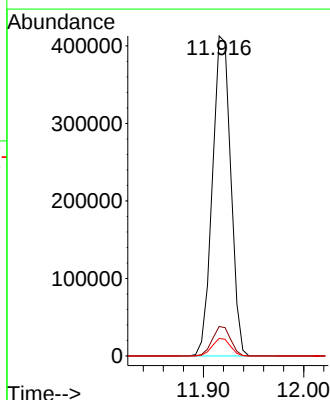
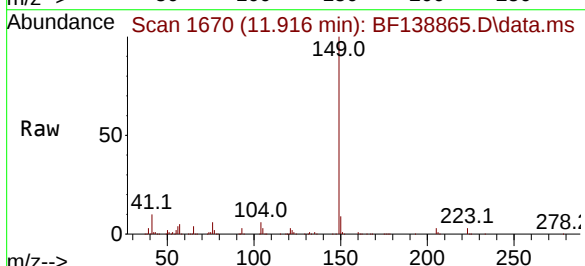
Tgt Ion:149 Resp: 524798

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

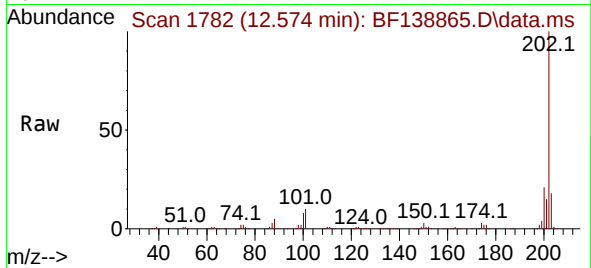
104 5.5 4.1 6.1



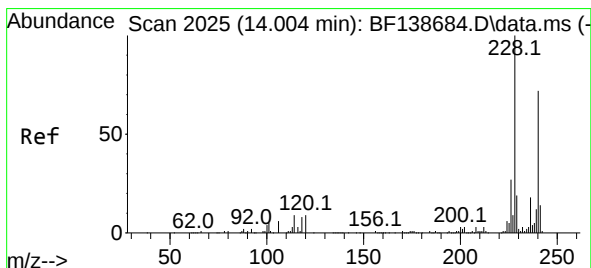
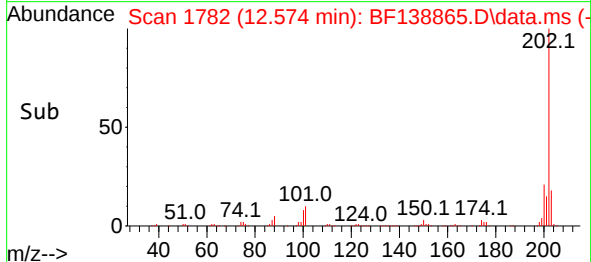
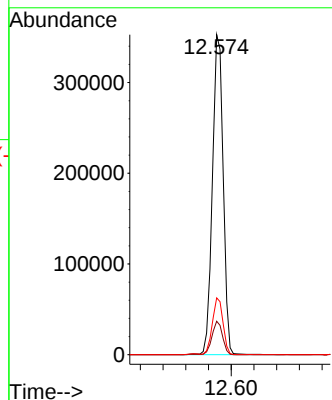


#75
Fluoranthene
Concen: 47.974 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Instrument :
BNA_F
ClientSampleId :

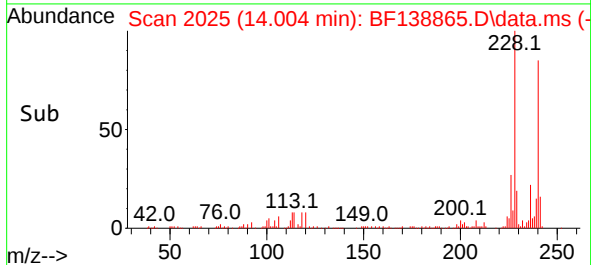
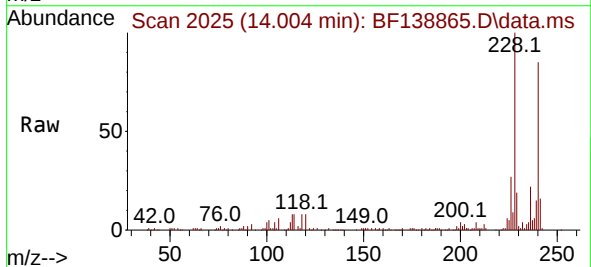
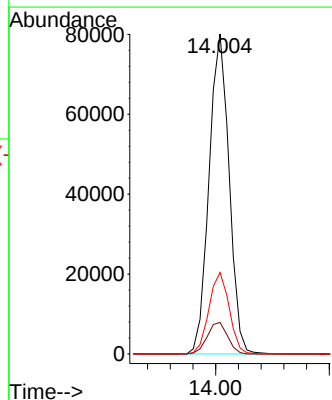


Tgt Ion:202 Resp: 461240
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.2
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:240 Resp: 98145
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 25.4 19.8 29.8

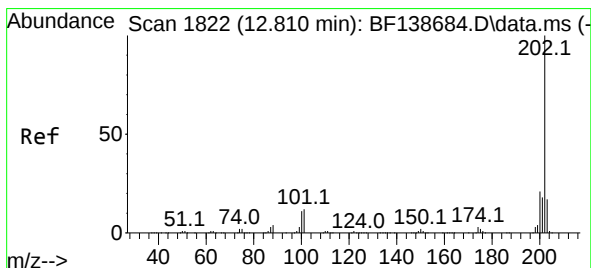
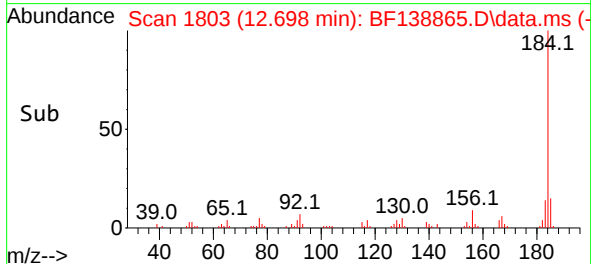
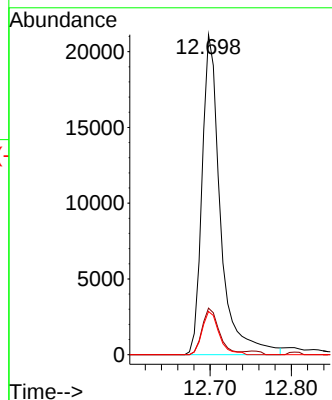
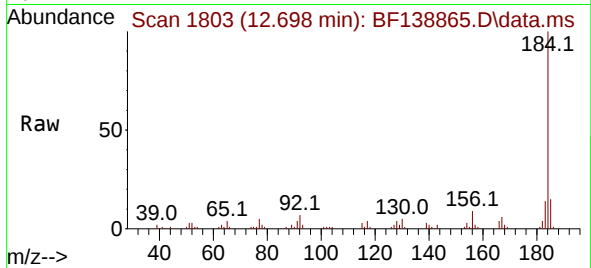




#77
Benzidine
Concen: 14.184 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

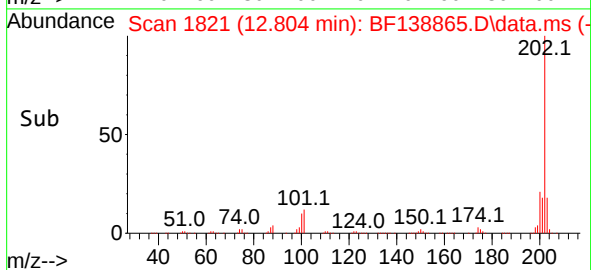
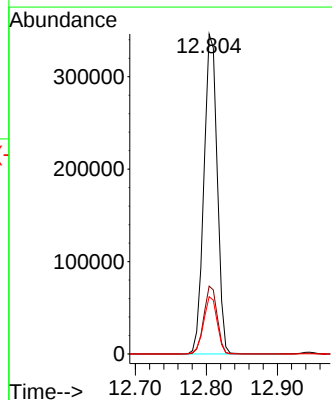
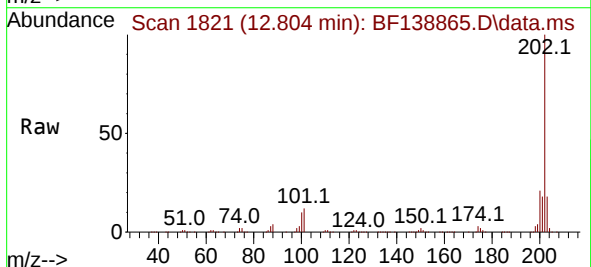
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 33297
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 13.5 9.6 14.4



#78
Pyrene
Concen: 49.001 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138865.D
Acq: 08 Aug 2024 14:53

Tgt Ion:202 Resp: 452799
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 112.158 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

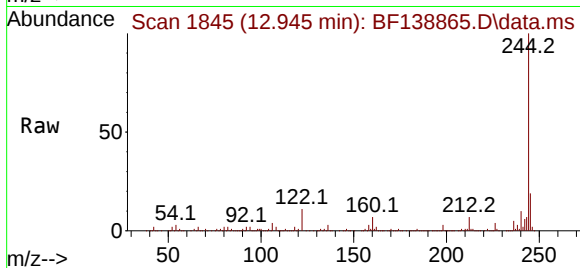
Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :



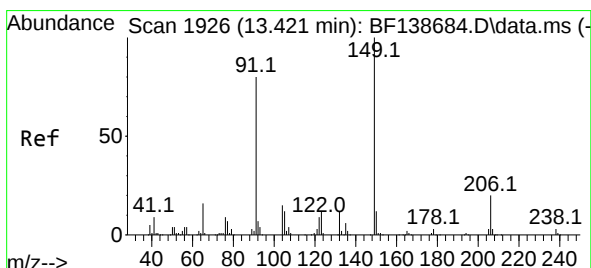
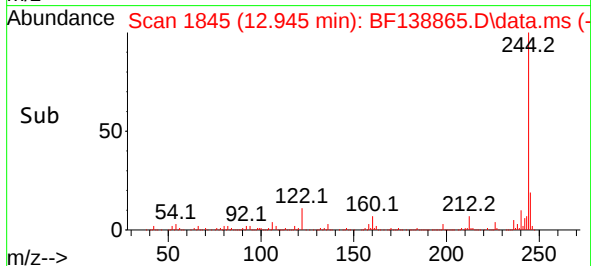
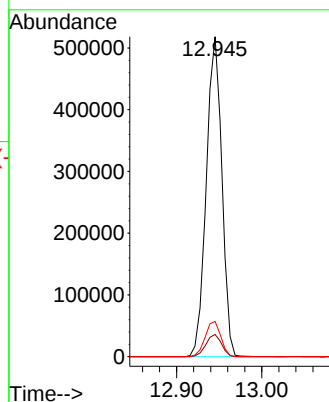
Tgt Ion:244 Resp: 657469

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.0 9.6 14.4



#80

Butylbenzylphthalate

Concen: 52.311 ng

RT: 13.416 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

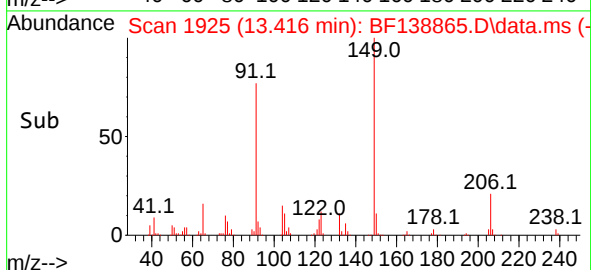
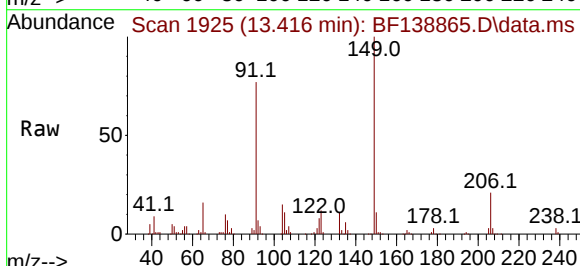
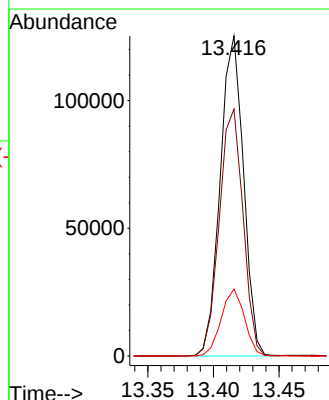
Tgt Ion:149 Resp: 154793

Ion Ratio Lower Upper

149 100

91 77.2 63.7 95.5

206 20.9 16.2 24.2





#81

Benzo(a)anthracene

Concen: 47.005 ng

RT: 13.992 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

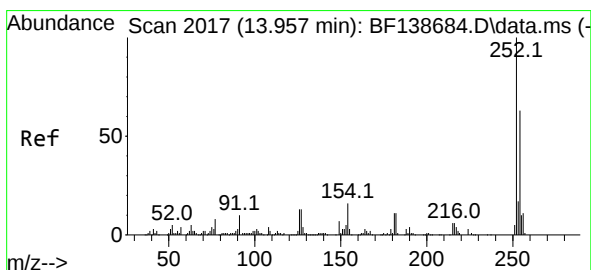
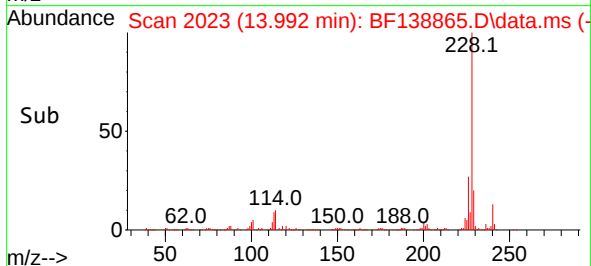
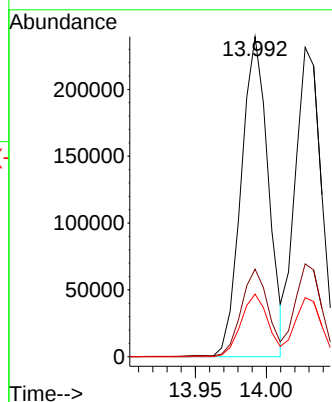
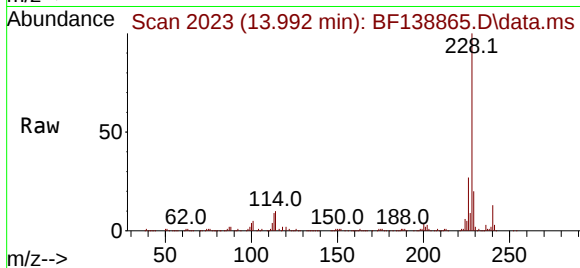
Tgt Ion:228 Resp: 317684

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 19.5 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 34.835 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

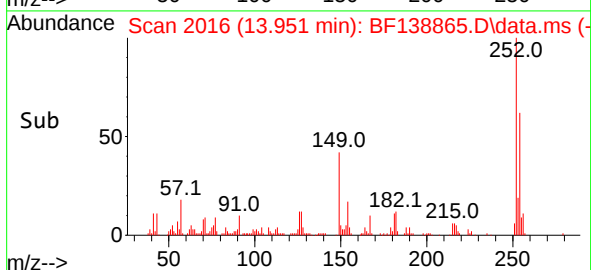
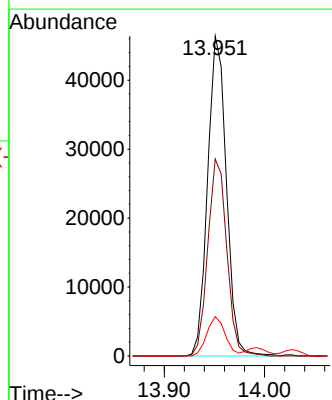
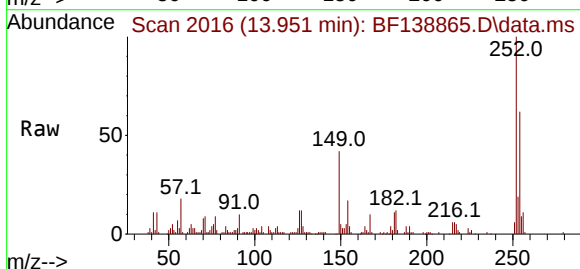
Tgt Ion:252 Resp: 60248

Ion Ratio Lower Upper

252 100

254 61.6 50.8 76.2

126 12.3 10.2 15.2





#83

Chrysene

Concen: 48.328 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

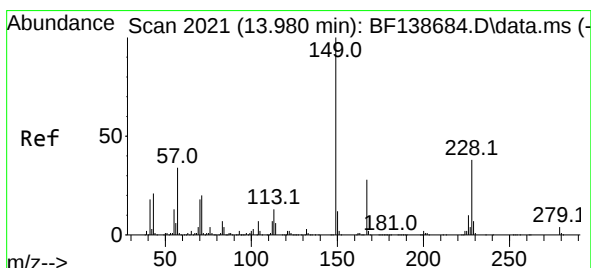
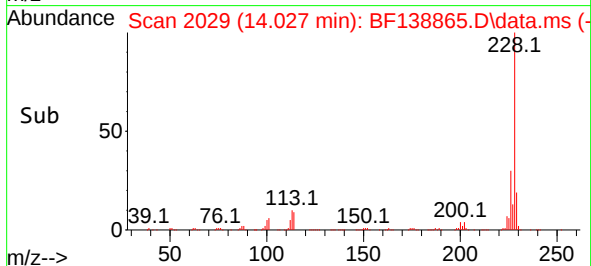
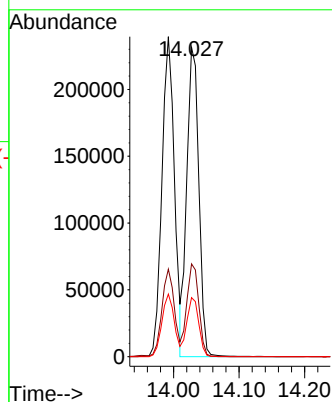
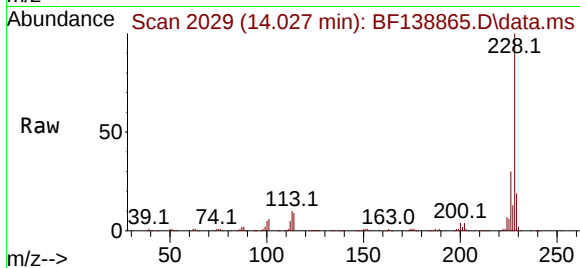
Tgt Ion:228 Resp: 294677

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

229 19.1 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.712 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

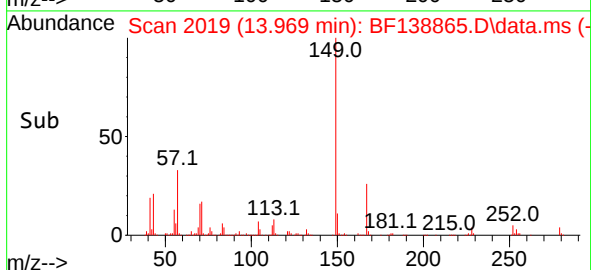
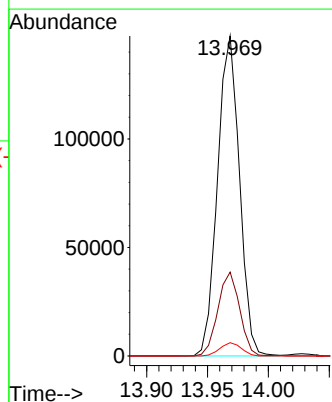
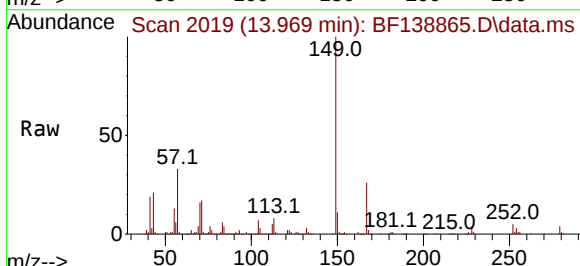
Tgt Ion:149 Resp: 185077

Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 35.869 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

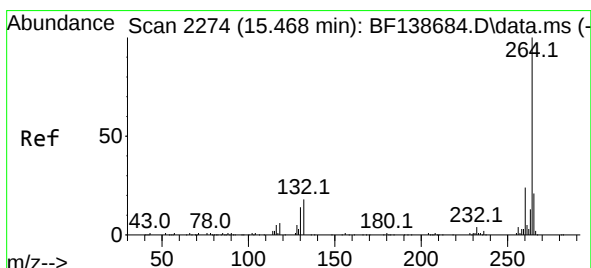
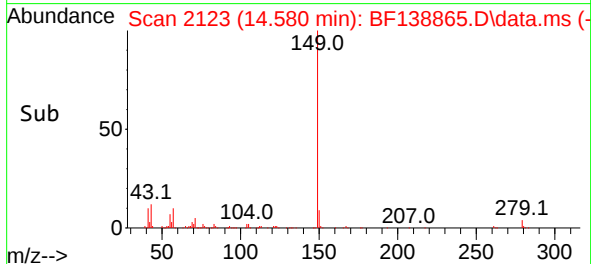
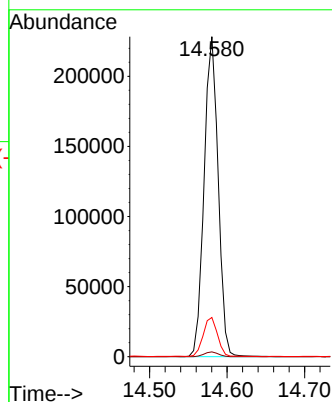
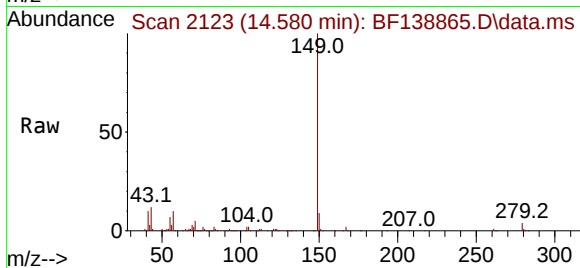
Tgt Ion:149 Resp: 287558

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 12.7 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

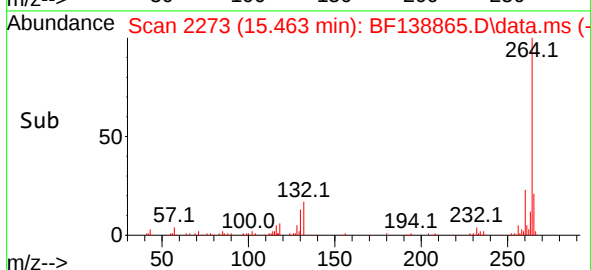
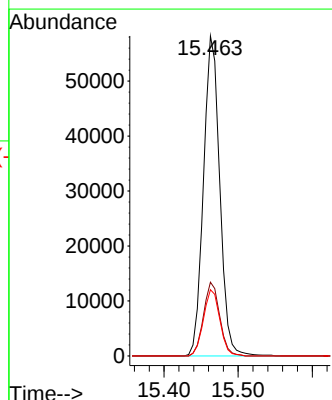
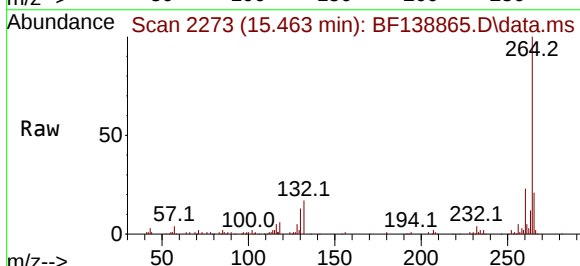
Tgt Ion:264 Resp: 88888

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 20.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.181 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138865.D

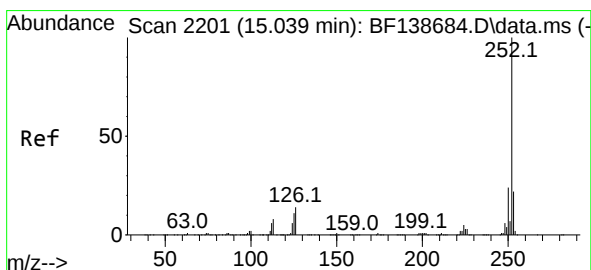
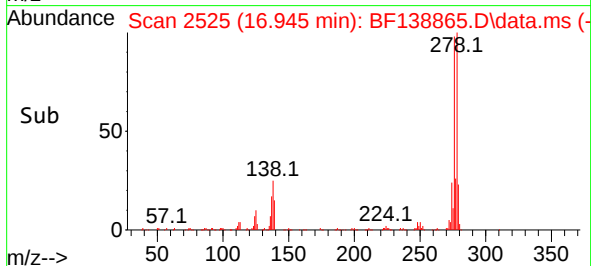
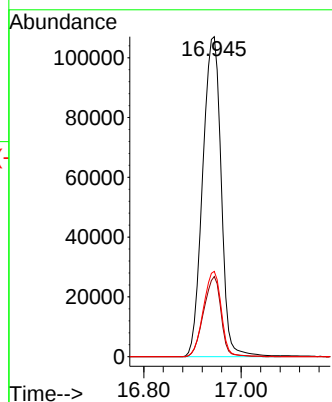
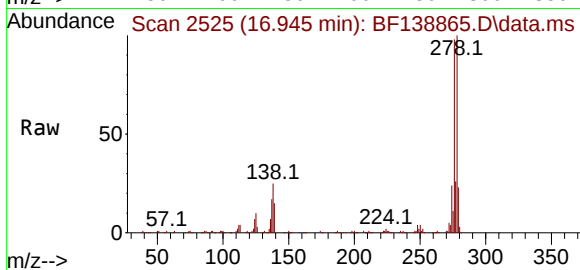
Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	276	Resp:	281434
Ion Ratio	Lower	Upper	
276	100		
138	23.6	21.8	32.8
277	25.8	20.6	30.8



#88

Benzo(b)fluoranthene

Concen: 47.606 ng

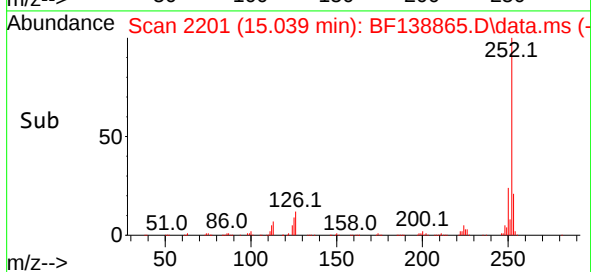
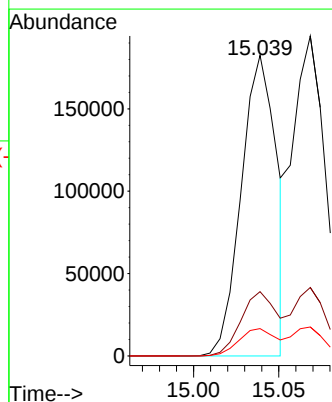
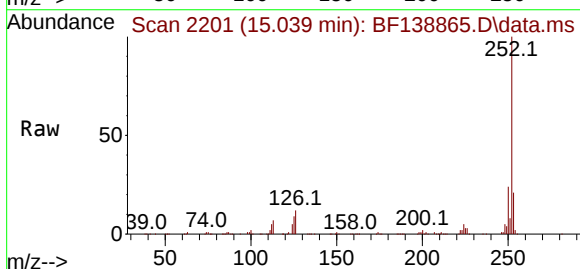
RT: 15.039 min Scan# 2201

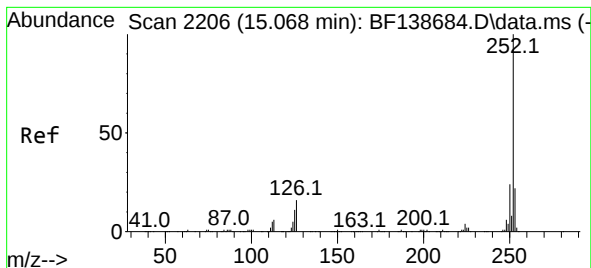
Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Tgt Ion:	252	Resp:	262316
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.5	26.3
125	9.1	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 54.951 ng

RT: 15.068 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

Instrument :

BNA_F

ClientSampleId :

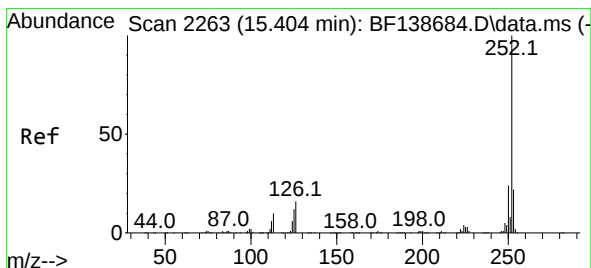
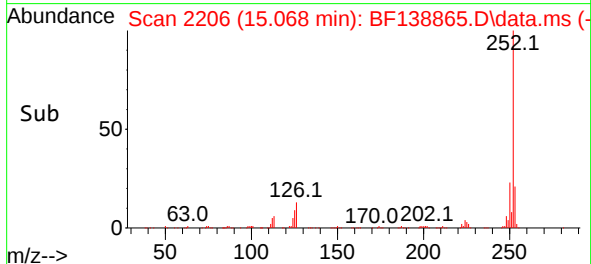
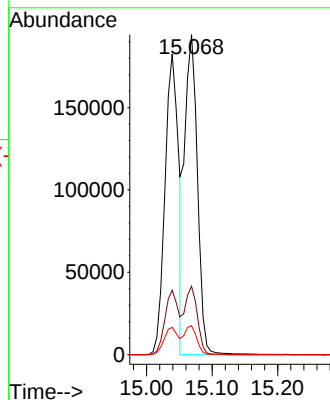
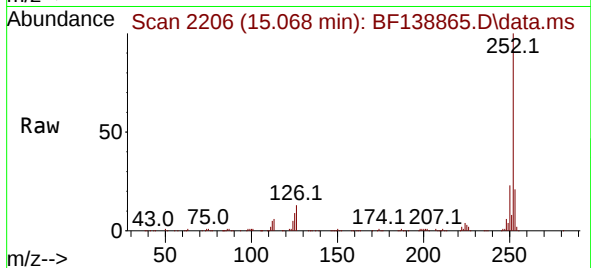
Tgt Ion:252 Resp: 262160

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.1 8.6 13.0



#90

Benzo(a)pyrene

Concen: 52.080 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF138865.D

Acq: 08 Aug 2024 14:53

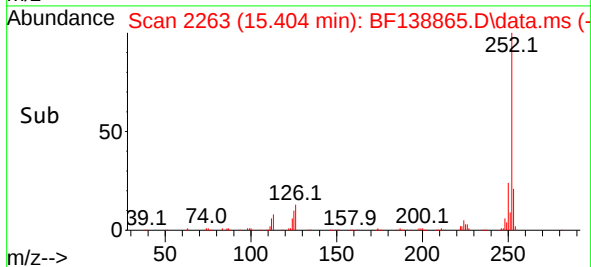
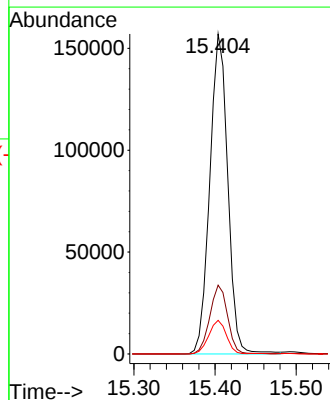
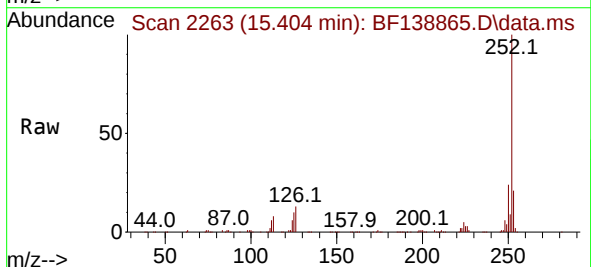
Tgt Ion:252 Resp: 241382

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

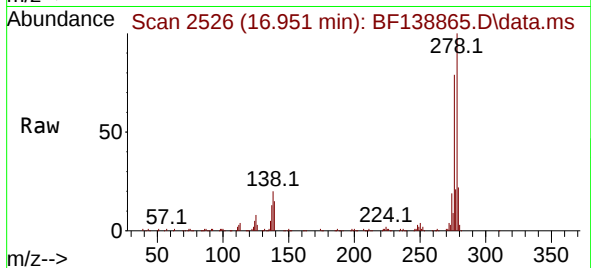
125 10.5 9.5 14.3



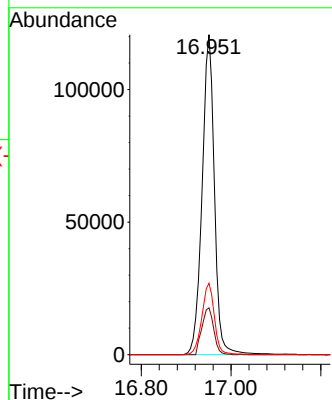
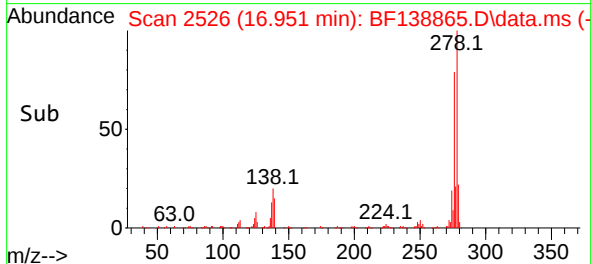


#91
 Dibenzo(a,h)anthracene
 Concen: 43.965 ng
 RT: 16.951 min Scan# 2526
 Delta R.T. 0.000 min
 Lab File: BF138865.D
 Acq: 08 Aug 2024 14:53

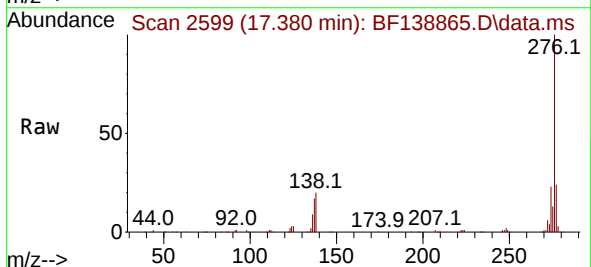
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:278 Resp: 229890
 Ion Ratio Lower Upper
 278 100
 139 14.6 14.0 21.0
 279 22.3 19.0 28.4



#92
 Benzo(g,h,i)perylene
 Concen: 38.385 ng
 RT: 17.380 min Scan# 2599
 Delta R.T. 0.000 min
 Lab File: BF138865.D
 Acq: 08 Aug 2024 14:53



Tgt Ion:276 Resp: 208280
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.0 28.4
 138 19.9 18.5 27.7

