

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138858.D
 Acq On : 08 Aug 2024 11:19
 Operator : RC/JU
 Sample : PB162396BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162396BS

Quant Time: Aug 08 12:41:22 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	6.839	152	50684	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	205625	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	113495	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	193771	20.000	ng	0.00
76) Chrysene-d12	13.998	240	94221	20.000	ng	0.00
86) Perylene-d12	15.457	264	86275	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	426672	129.949	ng	0.02
7) Phenol-d6	6.492	99	566845	128.586	ng	0.00
23) Nitrobenzene-d5	7.410	82	364494	86.665	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	129426	139.216	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	675306	89.400	ng	0.00
79) Terphenyl-d14	12.939	244	638139	113.395	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	44949	31.269	ng	95
3) Pyridine	3.469	79	115969	33.303	ng	96
4) n-Nitrosodimethylamine	3.440	42	103255	49.787	ng	85
6) Aniline	6.510	93	133438	33.942	ng	# 29
8) 2-Chlorophenol	6.634	128	165317	47.856	ng	96
9) Benzaldehyde	6.398	77	103285	39.085	ng	98
10) Phenol	6.504	94	222883	48.021	ng	83
11) bis(2-Chloroethyl)ether	6.581	93	151991	42.554	ng	99
12) 1,3-Dichlorobenzene	6.781	146	169140	43.741	ng	99
13) 1,4-Dichlorobenzene	6.857	146	173264	44.399	ng	100
14) 1,2-Dichlorobenzene	7.010	146	163691	44.883	ng	99
15) Benzyl Alcohol	6.992	79	155272	48.870	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	251019	40.838	ng	# 46
17) 2-Methylphenol	7.110	107	133532	46.812	ng	# 86
18) Hexachloroethane	7.345	117	63086	42.946	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	126383	47.467	ng	99
20) 3+4-Methylphenols	7.263	107	178485	48.768	ng	# 77
22) Acetophenone	7.257	105	222684	44.230	ng	96
24) Nitrobenzene	7.428	77	188107	43.954	ng	100
25) Isophorone	7.669	82	325943	45.386	ng	98
26) 2-Nitrophenol	7.745	139	88200	47.902	ng	97
27) 2,4-Dimethylphenol	7.781	122	112724	51.169	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	190383	43.533	ng	99
29) 2,4-Dichlorophenol	7.992	162	136649	48.272	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	148449	45.441	ng	98
31) Naphthalene	8.145	128	490894	45.355	ng	99
32) Benzoic acid	7.939	122	60818	35.120	ng	95
33) 4-Chloroaniline	8.198	127	92462	25.449	ng	98
34) Hexachlorobutadiene	8.251	225	90294	45.633	ng	99
35) Caprolactam	8.586	113	24124	28.560	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	156886	48.493	ng	99
37) 2-Methylnaphthalene	8.833	142	319854	46.792	ng	100
38) 1-Methylnaphthalene	8.933	142	295954	44.184	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	135460	42.966	ng	98
41) Hexachlorocyclopentadiene	8.980	237	96254	112.268	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	88410	45.992	ng	99

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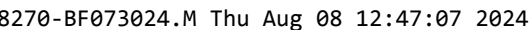
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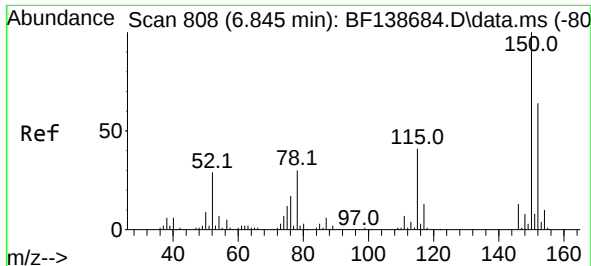
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	93338	44.416	ng	96
46) 1,1'-Biphenyl	9.298	154	377279	42.445	ng	99
47) 2-Chloronaphthalene	9.328	162	295716	44.732	ng	99
48) 2-Nitroaniline	9.428	65	106316	47.438	ng	97
49) Acenaphthylene	9.739	152	457976	48.845	ng	99
50) Dimethylphthalate	9.604	163	347313	47.859	ng	99
51) 2,6-Dinitrotoluene	9.669	165	77211	47.144	ng	90
52) Acenaphthene	9.910	154	282408	44.807	ng	99
53) 3-Nitroaniline	9.839	138	54308	32.076	ng	97
54) 2,4-Dinitrophenol	9.957	184	70730	93.816	ng	86
55) Dibenzofuran	10.086	168	422273	47.462	ng	99
56) 4-Nitrophenol	10.022	139	84304	82.802	ng	94
57) 2,4-Dinitrotoluene	10.080	165	102558	49.082	ng #	83
58) Fluorene	10.427	166	342043	48.277	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	79647	49.575	ng	97
60) Diethylphthalate	10.298	149	344246	50.029	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	166685	47.835	ng	98
62) 4-Nitroaniline	10.463	138	72398	44.997	ng	88
63) Azobenzene	10.574	77	358846	47.021	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	57789	48.884	ng	98
66) n-Nitrosodiphenylamine	10.539	169	288282	47.596	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	96521	46.008	ng	99
68) Hexachlorobenzene	10.974	284	99992	46.161	ng	97
69) Atrazine	11.063	200	84670	54.183	ng	99
70) Pentachlorophenol	11.174	266	74053	75.845	ng	97
71) Phenanthrene	11.386	178	483513	48.460	ng	99
72) Anthracene	11.439	178	483474	49.187	ng	99
73) Carbazole	11.598	167	403908	47.629	ng	99
74) Di-n-butylphthalate	11.916	149	509726	53.469	ng	99
75) Fluoranthene	12.574	202	453065	48.640	ng	98
77) Benzidine	12.698	184	34149	15.153	ng	99
78) Pyrene	12.804	202	443456	49.988	ng	100
80) Butylbenzylphthalate	13.410	149	148793	52.377	ng	99
81) Benzo(a)anthracene	13.986	228	315413	48.613	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	58755	35.387	ng	98
83) Chrysene	14.027	228	273117	46.658	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	176488	42.426	ng	99
85) Di-n-octyl phthalate	14.574	149	286009	37.161	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	289065	46.753	ng	97
88) Benzo(b)fluoranthene	15.033	252	287658	53.786	ng	98
89) Benzo(k)fluoranthene	15.062	252	220049	47.521	ng	98
90) Benzo(a)pyrene	15.398	252	233439	51.891	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	238208	46.935	ng	98
92) Benzo(g,h,i)perylene	17.374	276	222322	42.213	ng	97

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

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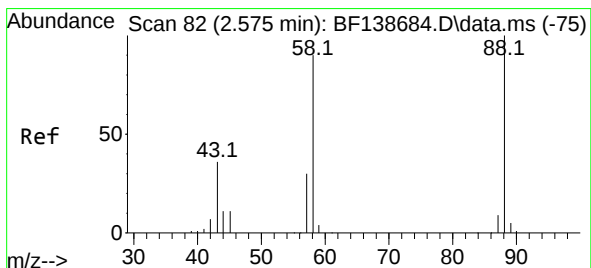
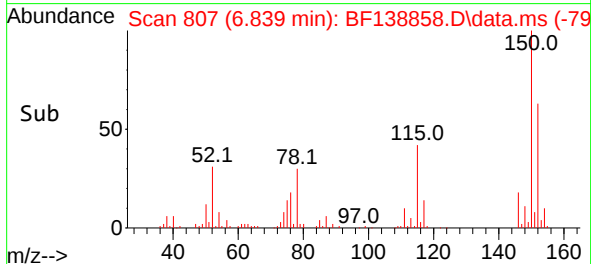
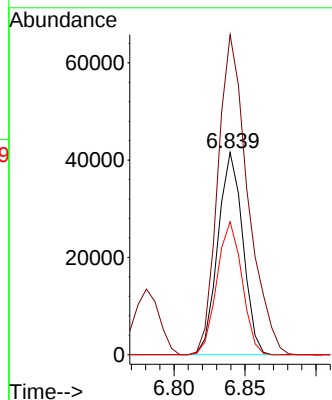
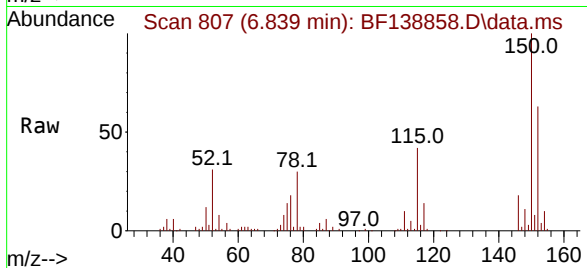




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF138858.D
 Acq: 08 Aug 2024 11:19

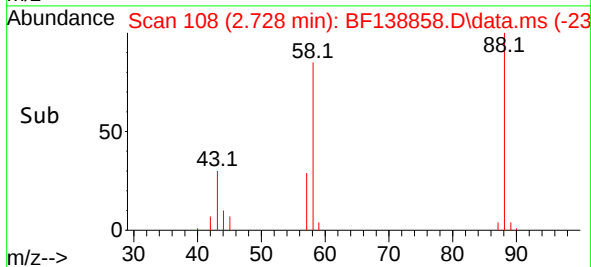
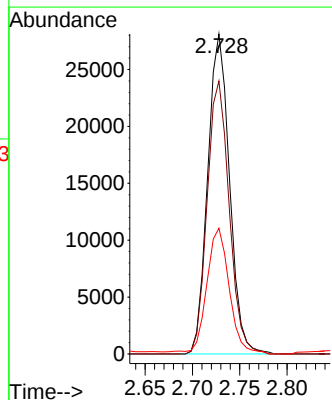
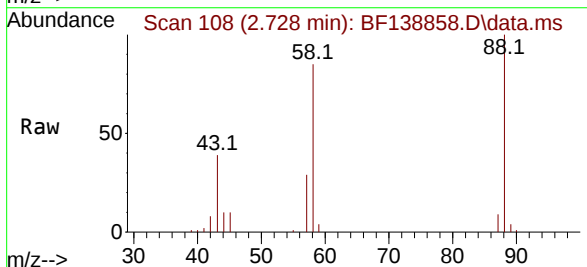
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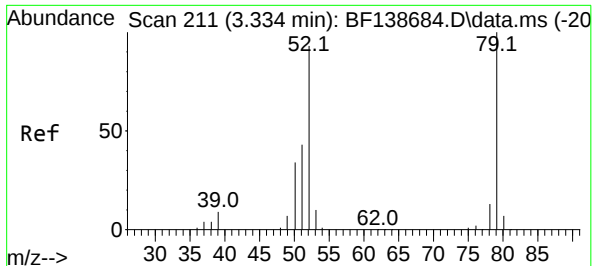
Tgt Ion:152 Resp: 50684
 Ion Ratio Lower Upper
 152 100
 150 158.2 126.0 189.0
 115 65.7 51.7 77.5



#2
 1,4-Dioxane
 Concen: 31.269 ng
 RT: 2.728 min Scan# 108
 Delta R.T. 0.153 min
 Lab File: BF138858.D
 Acq: 08 Aug 2024 11:19

Tgt Ion: 88 Resp: 44949
 Ion Ratio Lower Upper
 88 100
 58 86.2 71.6 107.4
 43 41.0 28.7 43.1

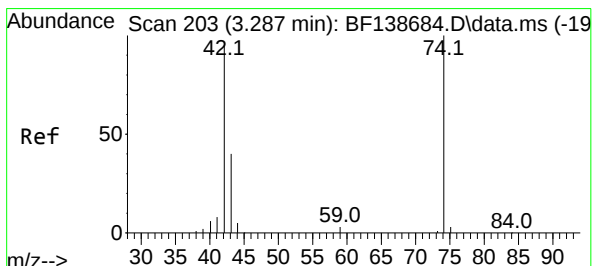
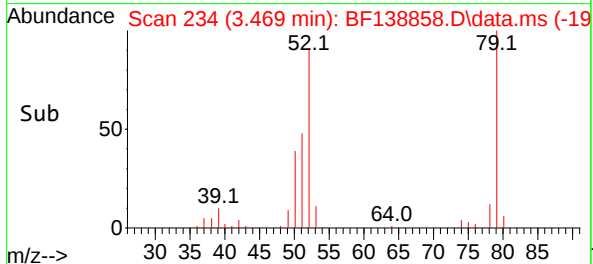
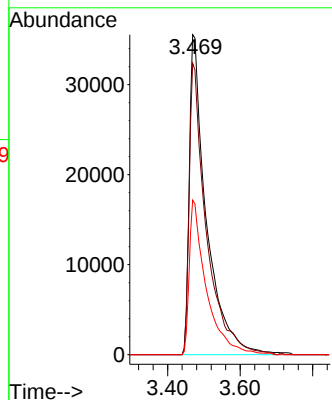
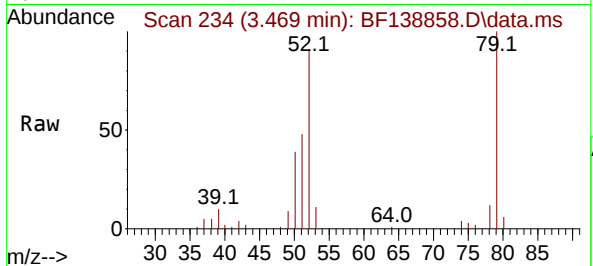




#3
Pyridine
Concen: 33.303 ng
RT: 3.469 min Scan# 211
Delta R.T. 0.135 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

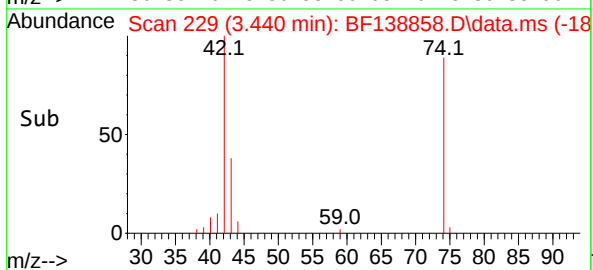
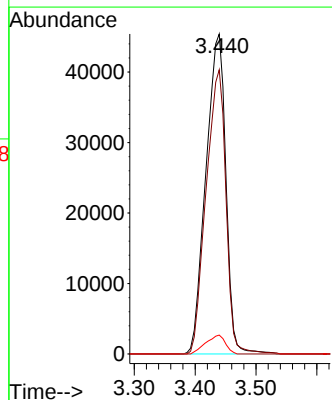
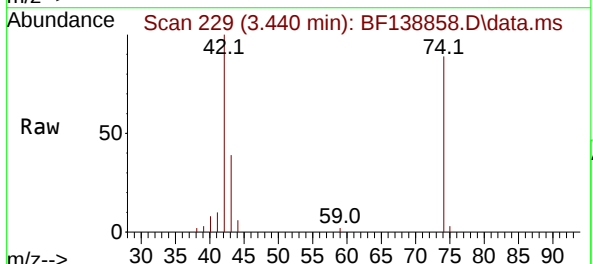
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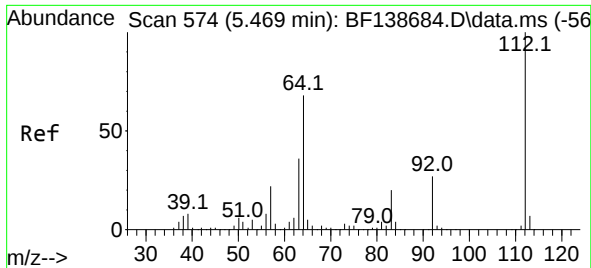
Tgt Ion: 79 Resp: 115969
Ion Ratio Lower Upper
79 100
52 91.0 74.7 112.1
51 48.3 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 49.787 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.153 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 42 Resp: 103255
Ion Ratio Lower Upper
42 100
74 88.8 84.2 126.4
44 5.9 4.9 7.3

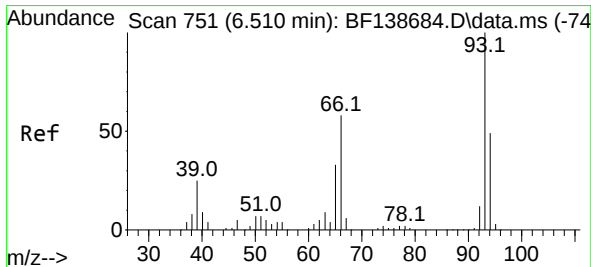
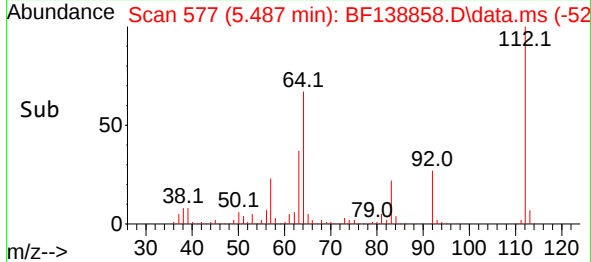
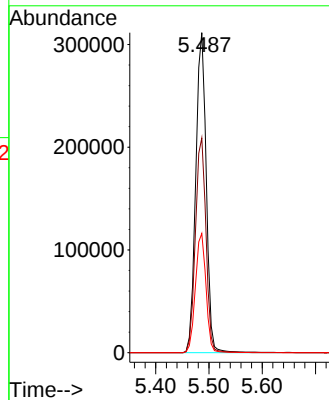
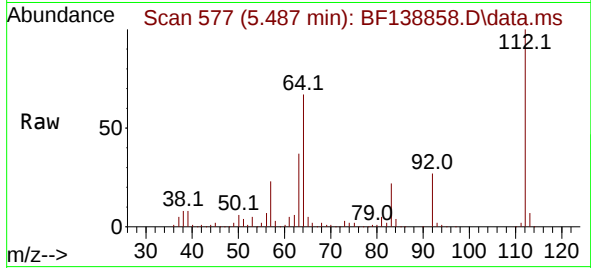




#5
2-Fluorophenol
Concen: 129.949 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

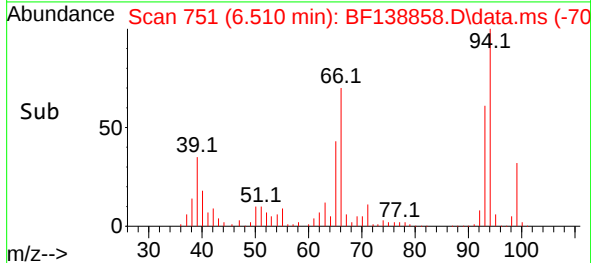
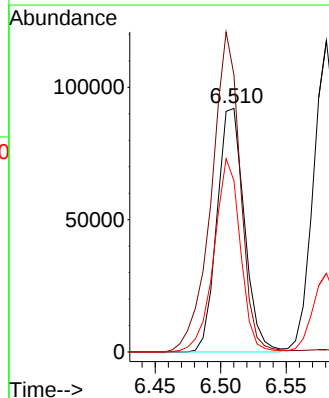
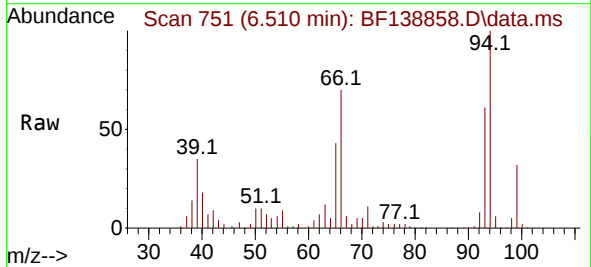
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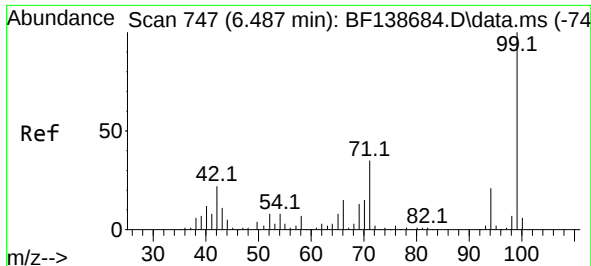
Tgt Ion:112 Resp: 426672
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 37.3 28.7 43.1



#6
Aniline
Concen: 33.942 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 93 Resp: 133438
Ion Ratio Lower Upper
93 100
66 113.7 46.9 70.3#
65 70.3 26.5 39.7#

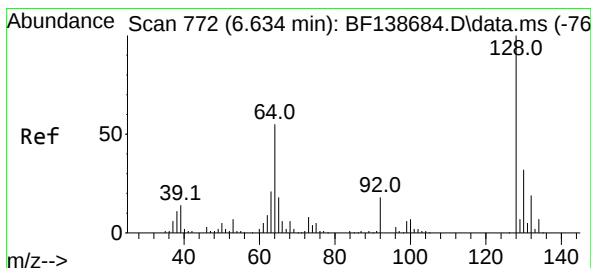
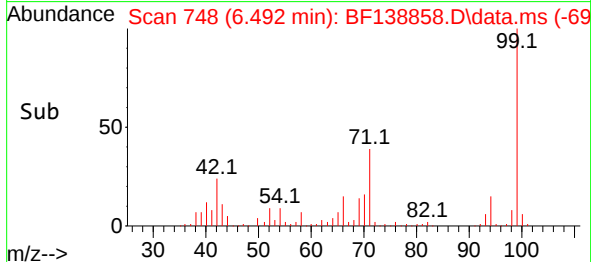
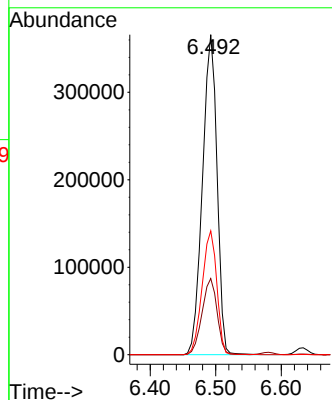
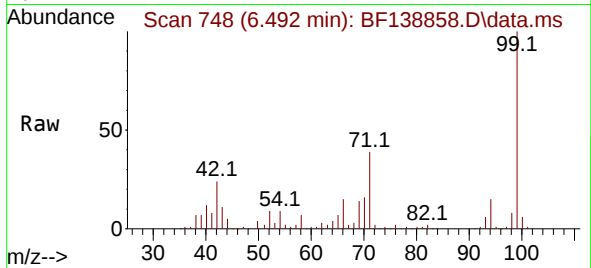




#7
Phenol-d6
Concen: 128.586 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

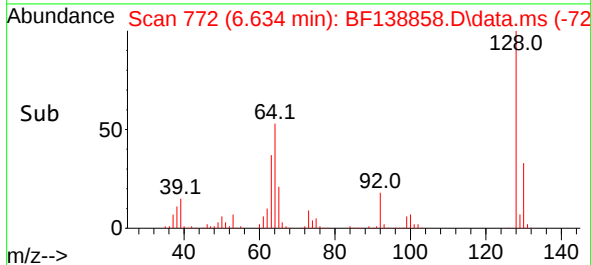
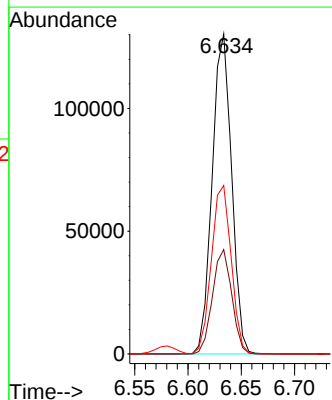
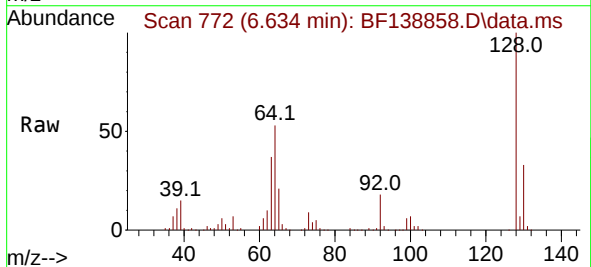
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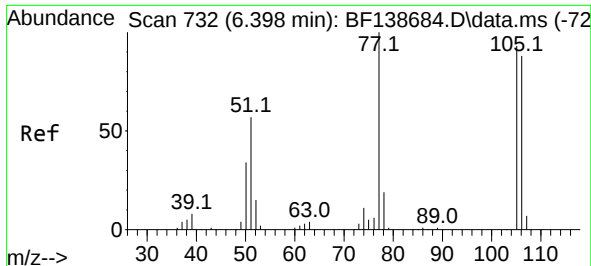
Tgt Ion: 99 Resp: 566845
Ion Ratio Lower Upper
99 100
42 23.8 17.4 26.0
71 38.7 28.1 42.1



#8
2-Chlorophenol
Concen: 47.856 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 128 Resp: 165317
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 52.6 36.3 76.3





#9

Benzaldehyde

Concen: 39.085 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

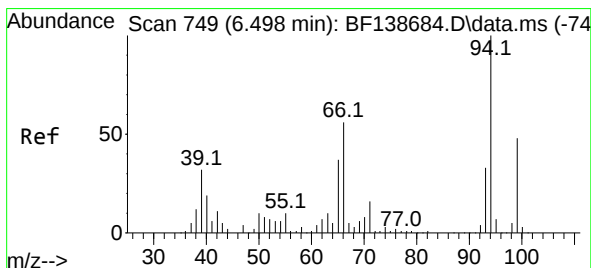
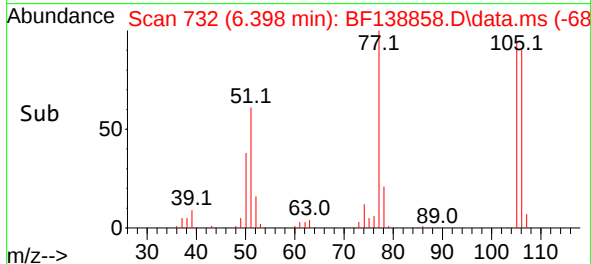
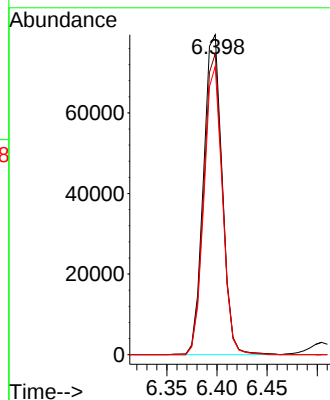
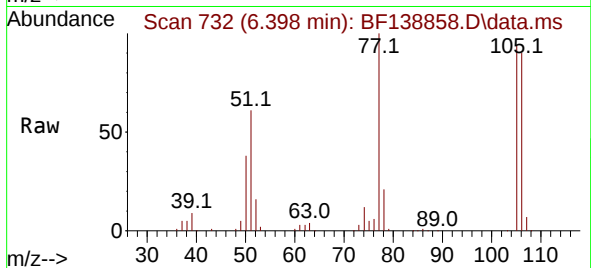
Tgt Ion: 77 Resp: 103285

Ion Ratio Lower Upper

77 100

105 94.1 72.9 112.9

106 90.1 68.4 108.4



#10

Phenol

Concen: 48.021 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

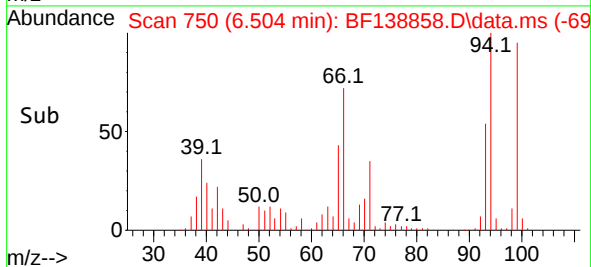
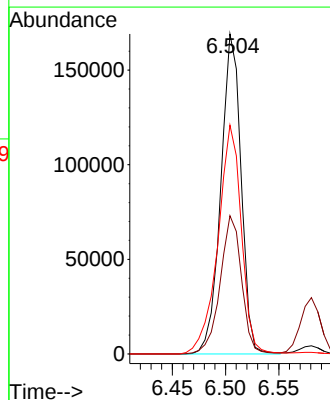
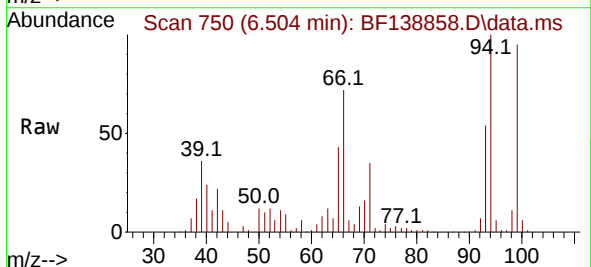
Tgt Ion: 94 Resp: 222883

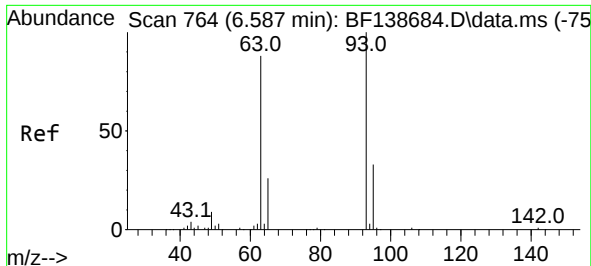
Ion Ratio Lower Upper

94 100

65 43.2 16.9 56.9

66 71.5 36.5 76.5

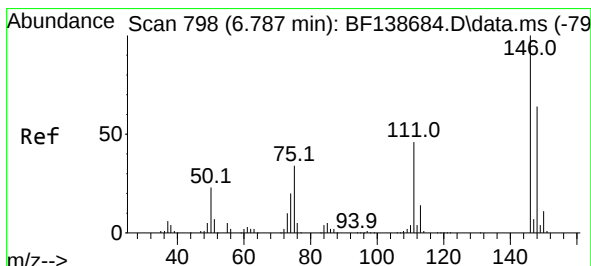
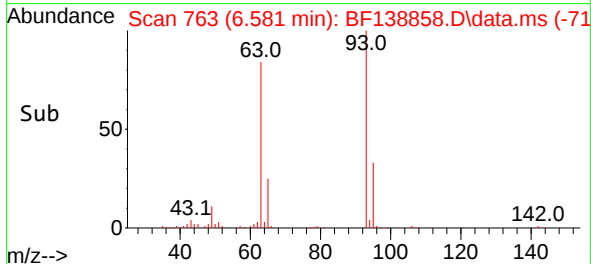
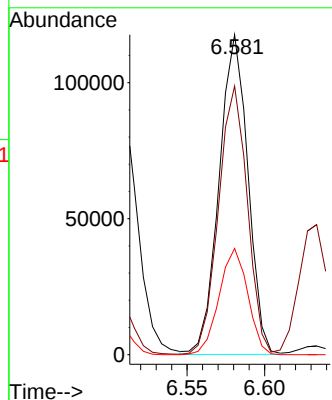
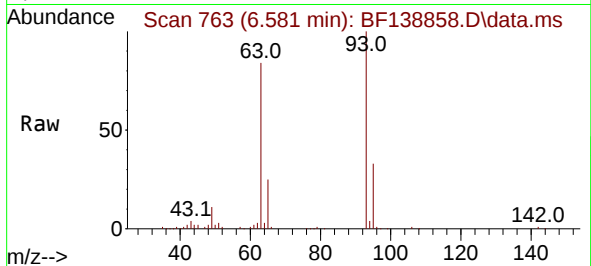




#11
bis(2-Chloroethyl)ether
Concen: 42.554 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

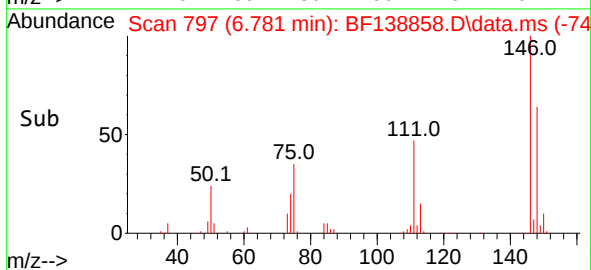
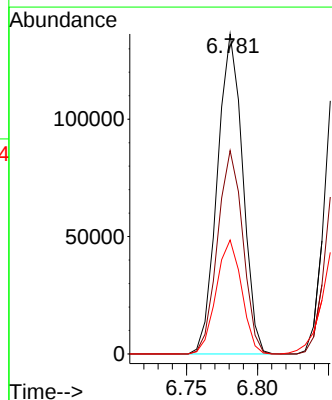
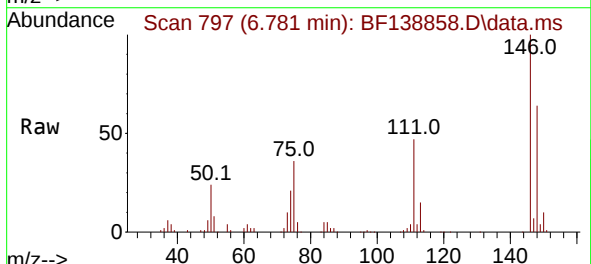
Instrument :
BNA_F
ClientSampleId :
PB162396BS

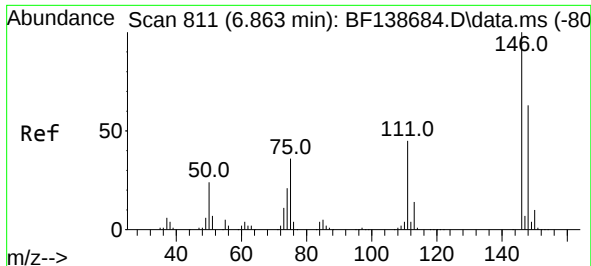
Tgt Ion: 93 Resp: 151991
Ion Ratio Lower Upper
93 100
63 83.9 65.3 105.3
95 33.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.741 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 146 Resp: 169140
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
75 35.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.399 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

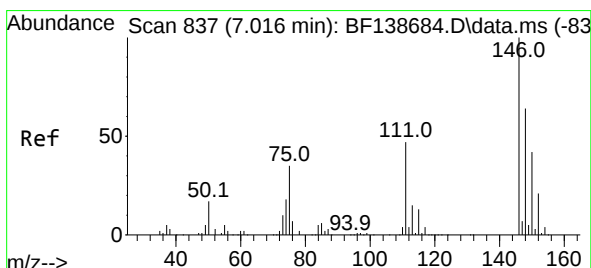
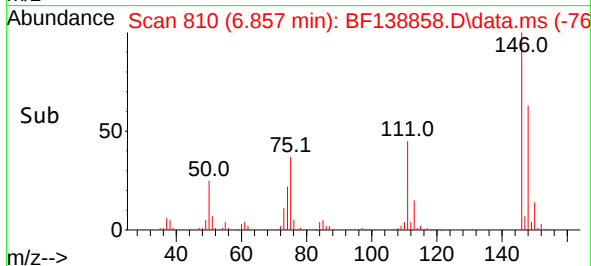
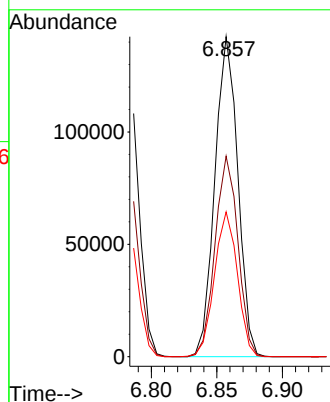
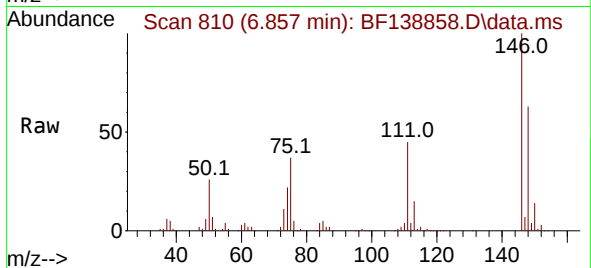
Tgt Ion:146 Resp: 173264

Ion Ratio Lower Upper

146 100

148 62.6 50.2 75.2

111 45.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.883 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

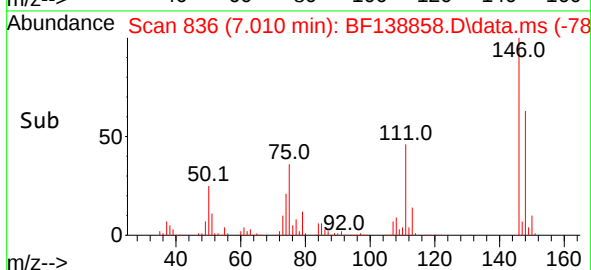
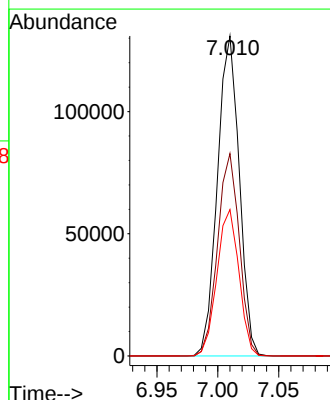
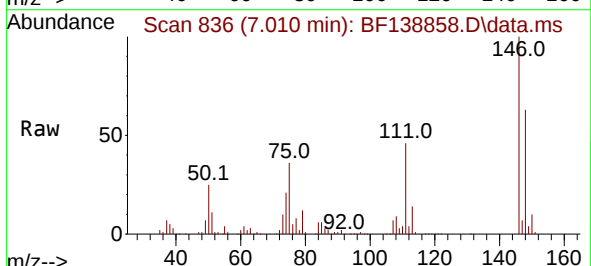
Tgt Ion:146 Resp: 163691

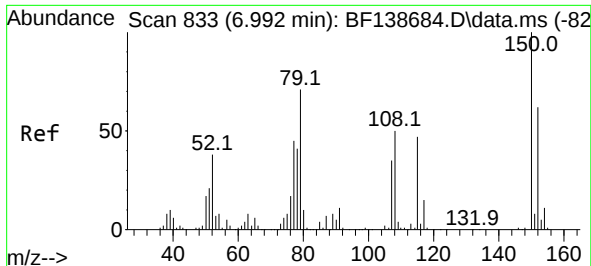
Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

111 45.8 37.4 56.2

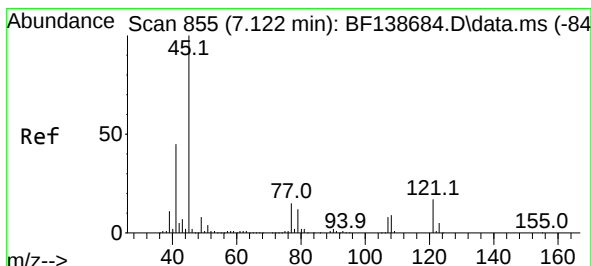
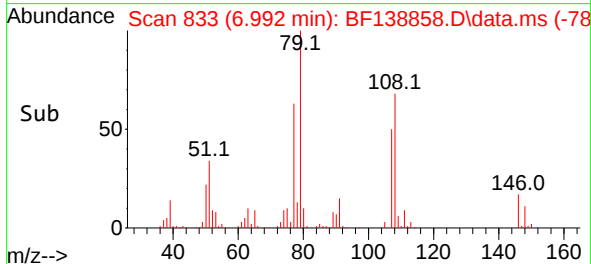
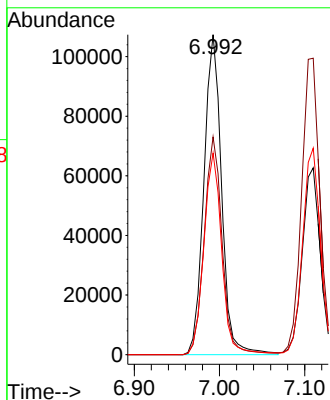
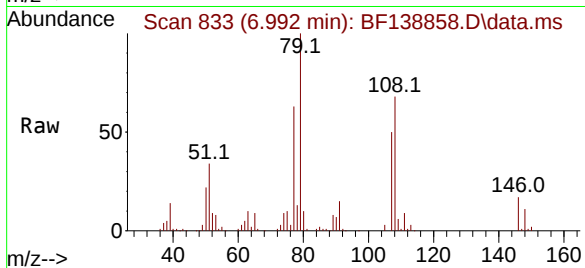




#15
Benzyl Alcohol
Concen: 48.870 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

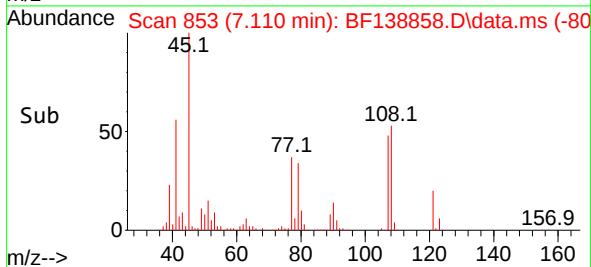
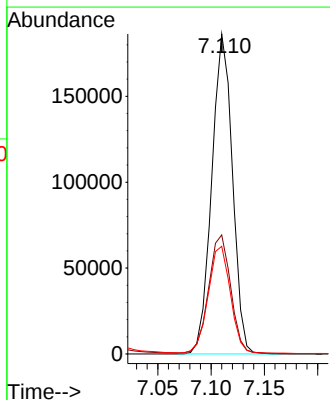
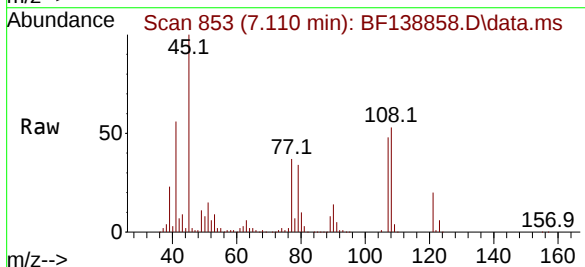
Instrument :
BNA_F
ClientSampleId :
PB162396BS

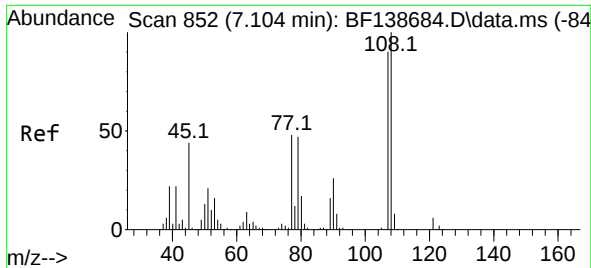
Tgt Ion: 79 Resp: 155272
Ion Ratio Lower Upper
79 100
108 68.1 56.6 85.0
77 63.0 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.838 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 45 Resp: 251019
Ion Ratio Lower Upper
45 100
77 37.2 0.0 34.9#
79 33.7 0.0 32.2#

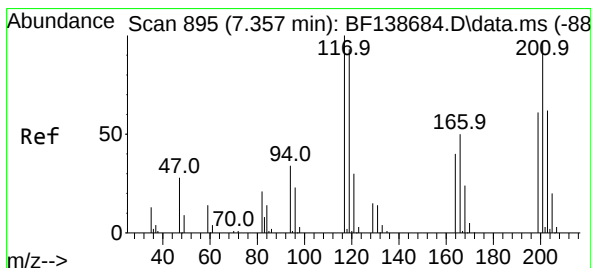
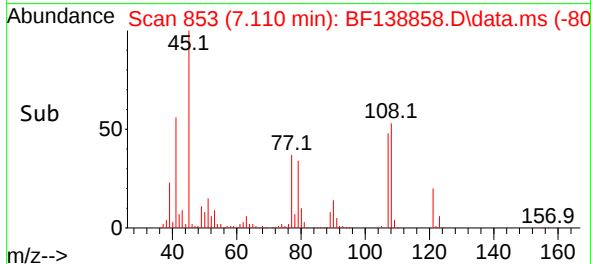
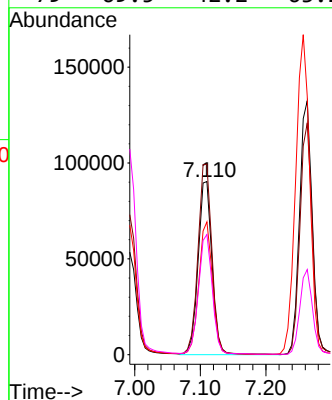
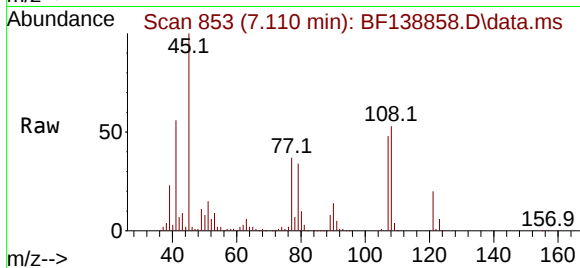




#17
2-Methylphenol
Concen: 46.812 ng
RT: 7.110 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

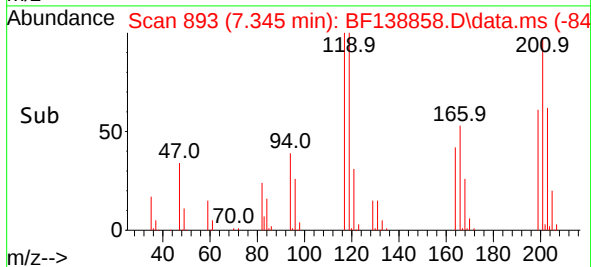
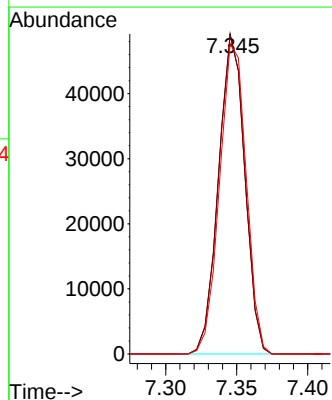
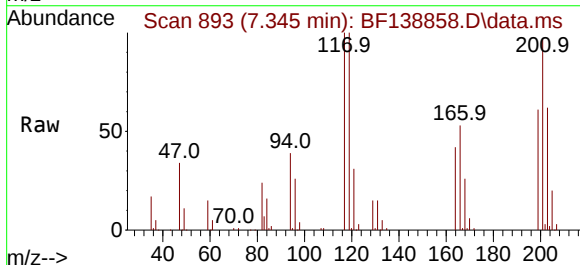
Instrument :
BNA_F
ClientSampleId :
PB162396BS

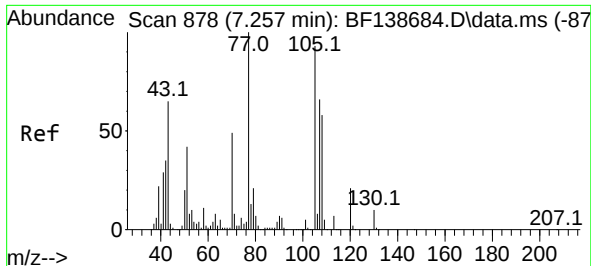
Tgt Ion:107 Resp: 133532
Ion Ratio Lower Upper
107 100
108 110.2 89.2 133.8
77 76.7 43.0 64.4#
79 69.5 42.2 63.2#



#18
Hexachloroethane
Concen: 42.946 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:117 Resp: 63086
Ion Ratio Lower Upper
117 100
119 99.6 74.6 111.8
201 97.0 77.2 115.8



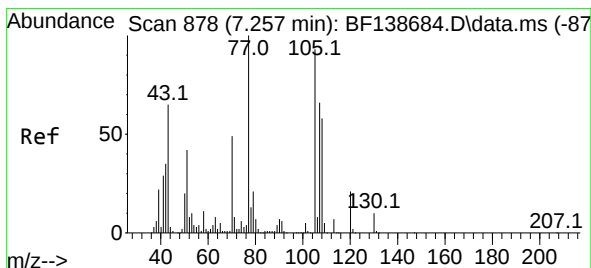
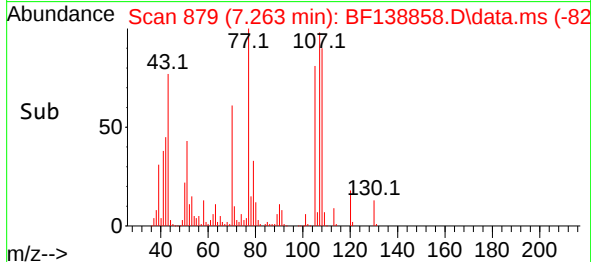
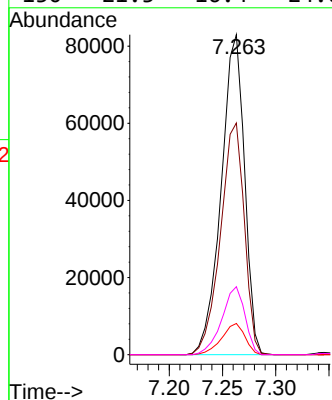
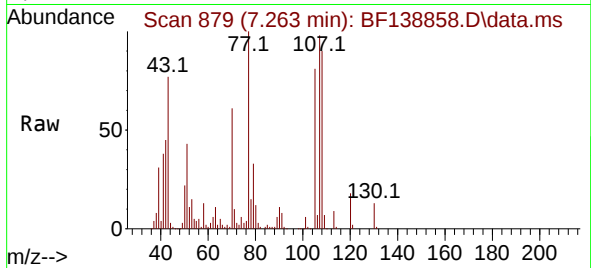


#19
n-Nitroso-di-n-propylamine
Concen: 47.467 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :
BNA_F
ClientSampleId :
PB162396BS

Tgt Ion: 70 Resp: 126383

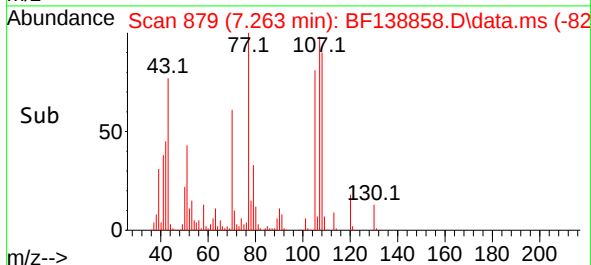
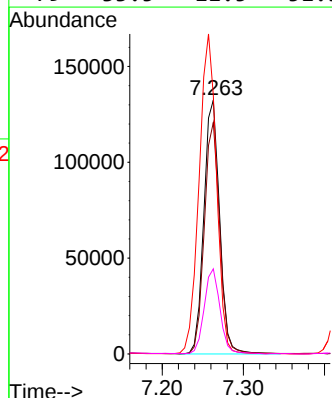
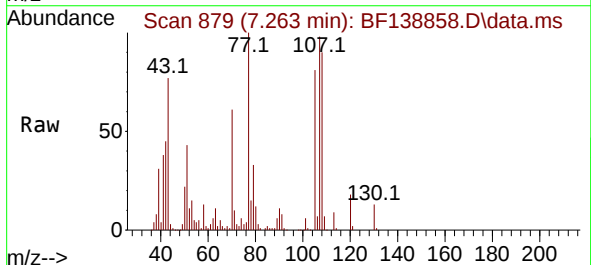
Ion	Ratio	Lower	Upper
70	100		
42	72.4	57.4	86.0
101	9.8	7.5	11.3
130	21.3	16.4	24.6

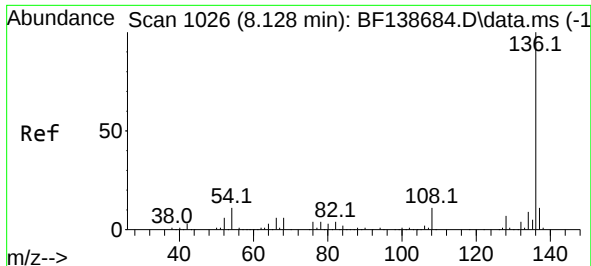


#20
3+4-Methylphenols
Concen: 48.768 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 107 Resp: 178485

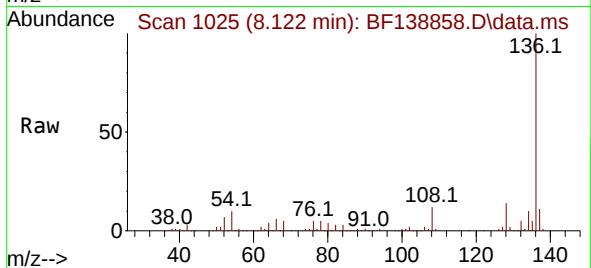
Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	101.9	132.1	172.1#
79	33.5	11.5	51.5



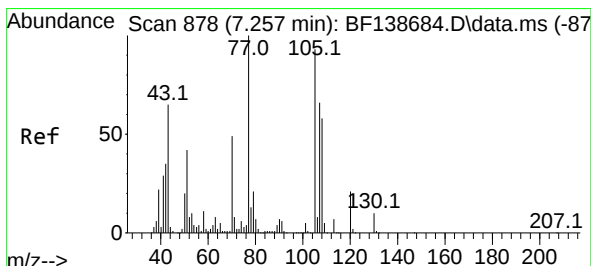
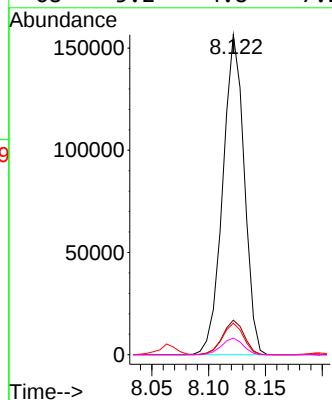
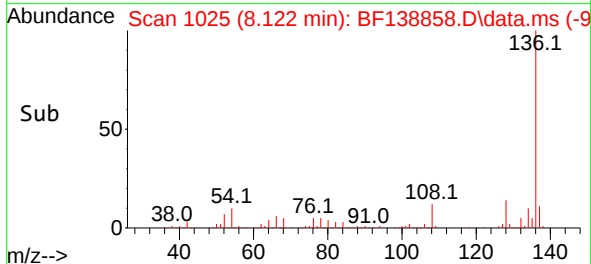


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

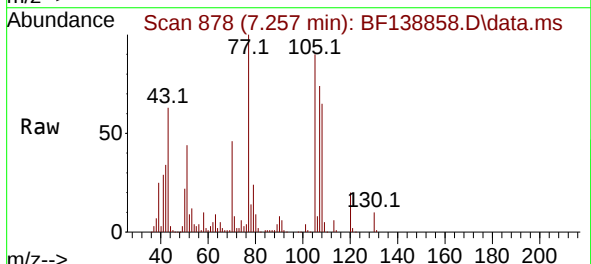
Instrument :
BNA_F
ClientSampleId :
PB162396BS



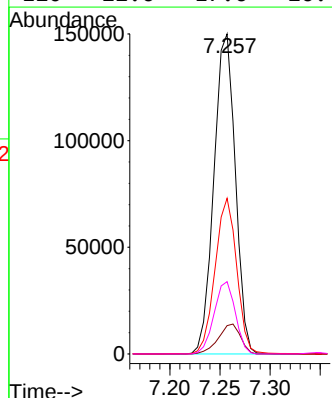
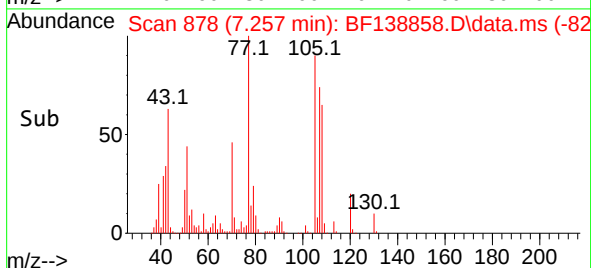
Tgt Ion:136 Resp: 205625
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.9 8.6 12.8
68 5.2 4.8 7.2

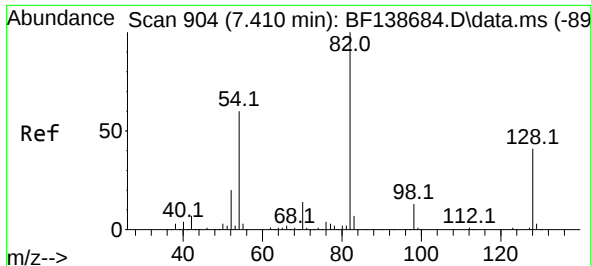


#22
Acetophenone
Concen: 44.230 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19



Tgt Ion:105 Resp: 222684
Ion Ratio Lower Upper
105 100
71 8.8 7.2 10.8
51 48.7 35.9 53.9
120 22.6 17.6 26.4





#23

Nitrobenzene-d5

Concen: 86.665 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

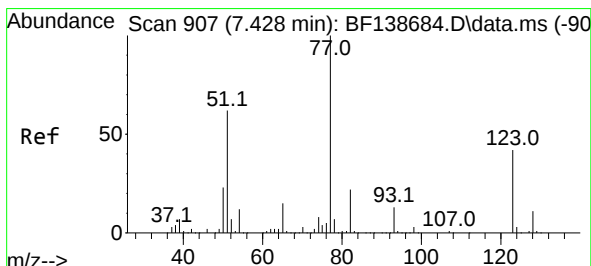
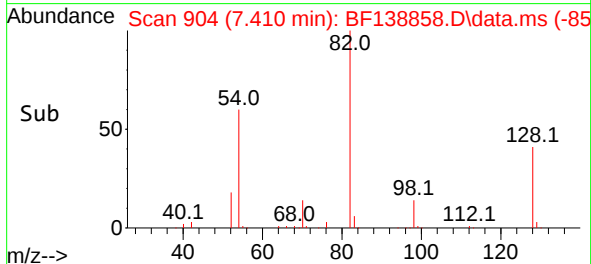
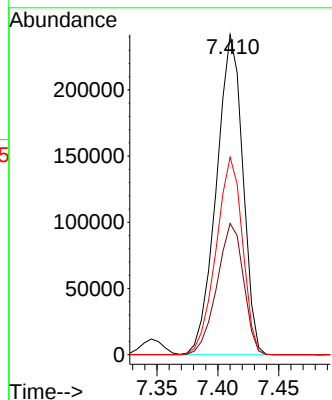
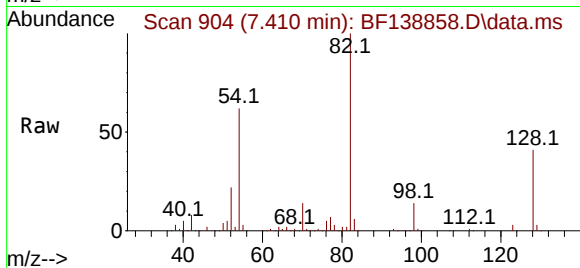
Tgt Ion: 82 Resp: 364494

Ion Ratio Lower Upper

82 100

128 41.0 32.8 49.2

54 61.7 48.3 72.5



#24

Nitrobenzene

Concen: 43.954 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

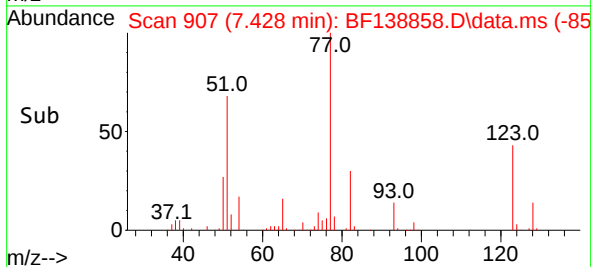
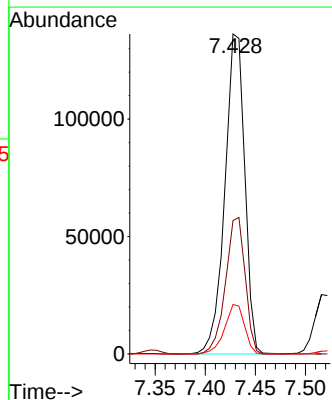
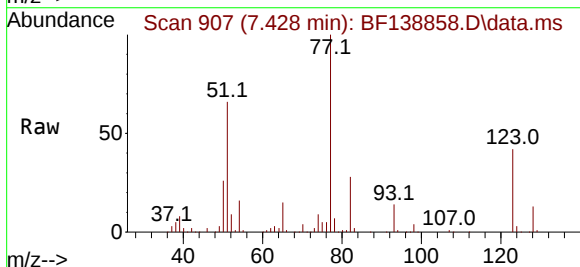
Tgt Ion: 77 Resp: 188107

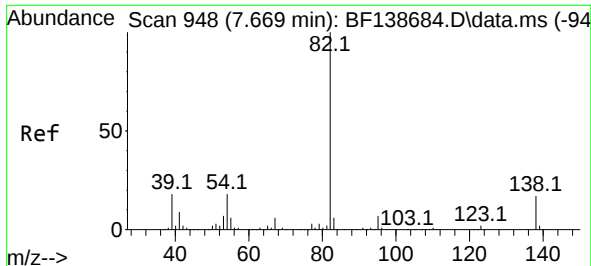
Ion Ratio Lower Upper

77 100

123 41.7 33.3 49.9

65 15.4 11.9 17.9

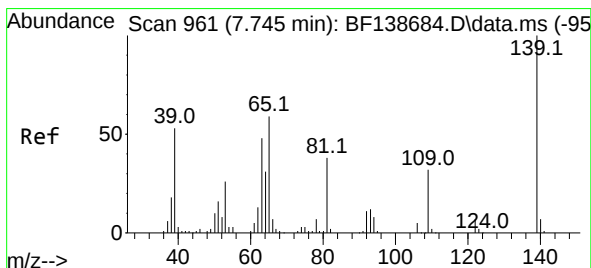
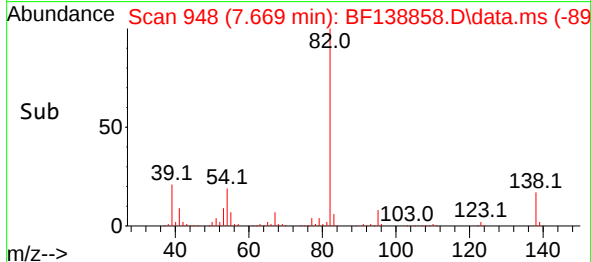
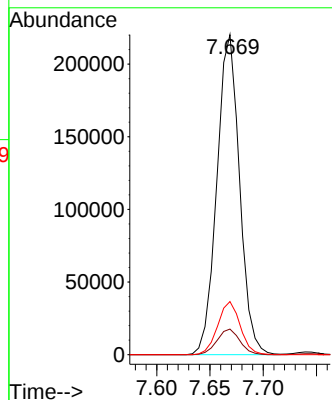
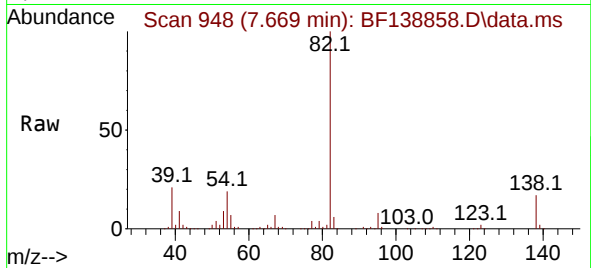




#25
Isophorone
Concen: 45.386 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

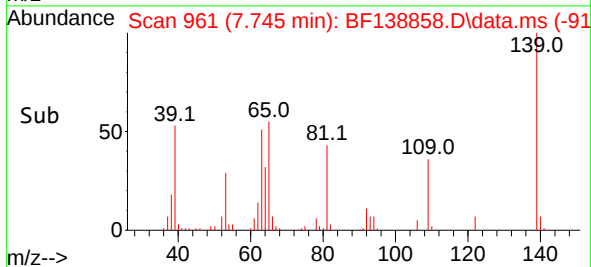
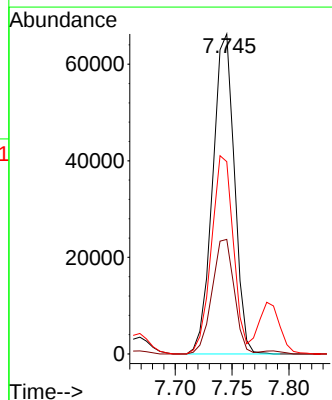
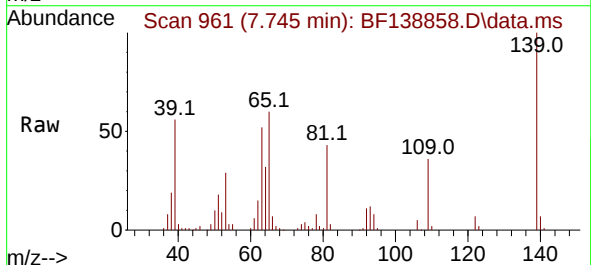
Instrument :
BNA_F
ClientSampleId :
PB162396BS

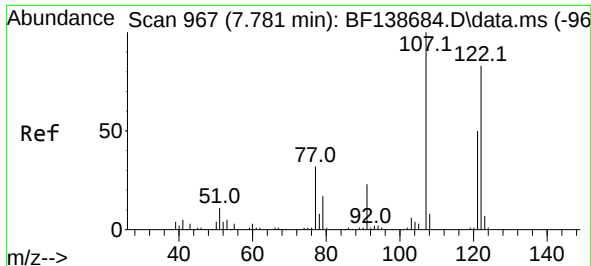
Tgt Ion: 82 Resp: 325943
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 16.6 13.7 20.5



#26
2-Nitrophenol
Concen: 47.902 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 139 Resp: 88200
Ion Ratio Lower Upper
139 100
109 35.8 25.9 38.9
65 60.1 47.0 70.6

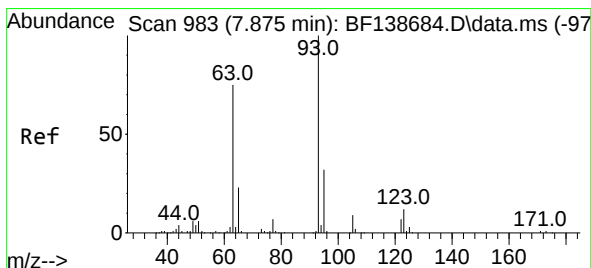
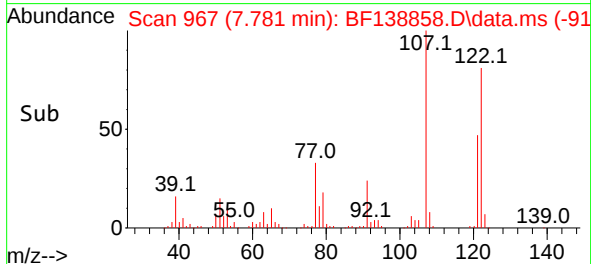
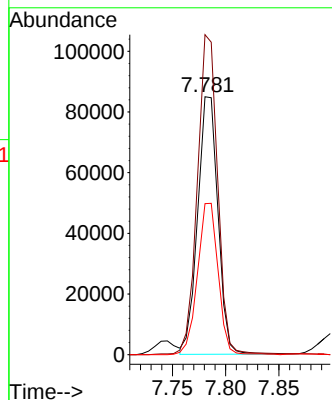
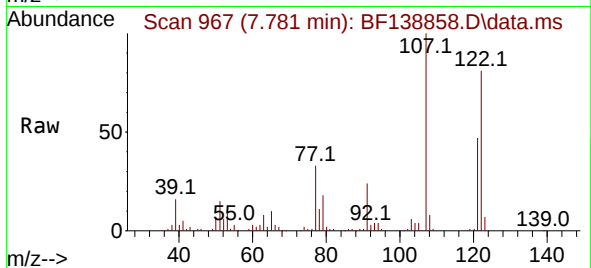




#27
2,4-Dimethylphenol
Concen: 51.169 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

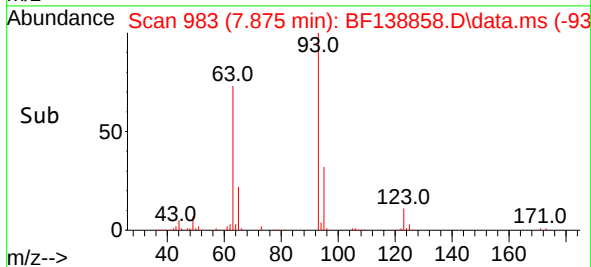
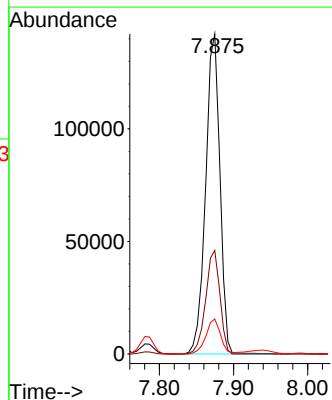
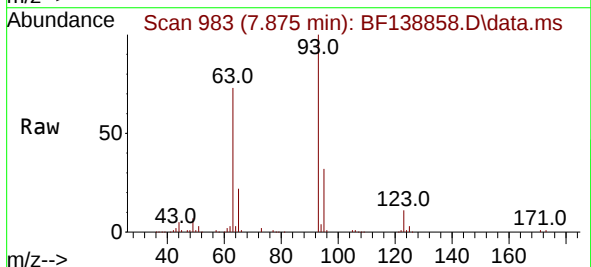
Instrument :
BNA_F
ClientSampleId :
PB162396BS

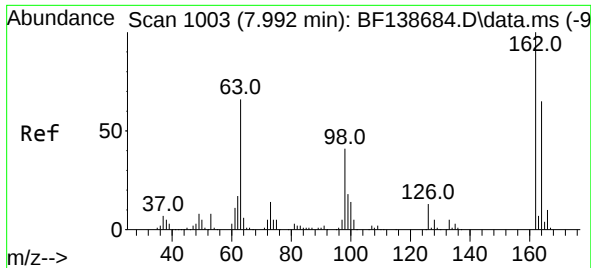
Tgt Ion:122 Resp: 112724
Ion Ratio Lower Upper
122 100
107 124.1 95.0 142.6
121 58.6 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.533 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 93 Resp: 190383
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.8
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 48.272 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

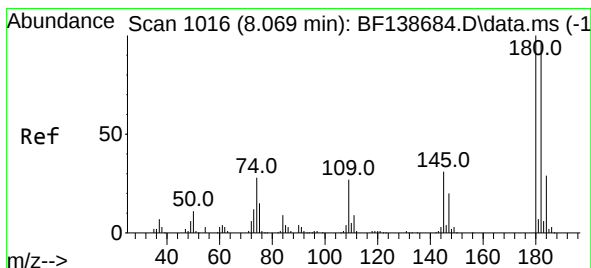
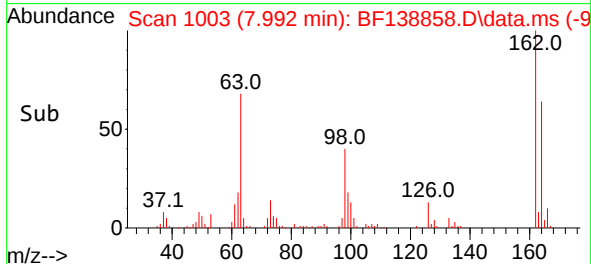
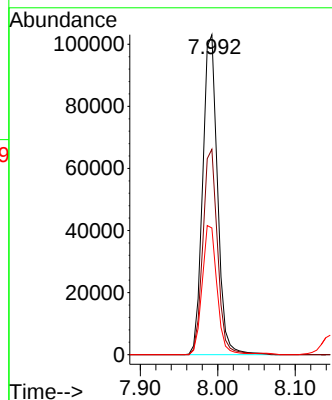
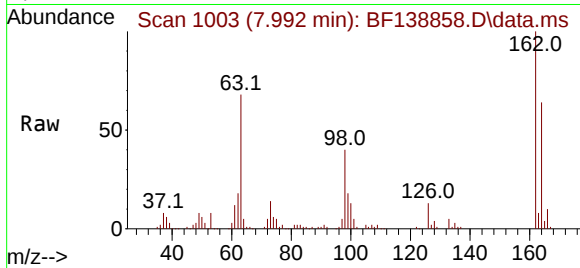
Tgt Ion:162 Resp: 136649

Ion Ratio Lower Upper

162 100

164 64.2 44.7 84.7

98 39.6 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 45.441 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

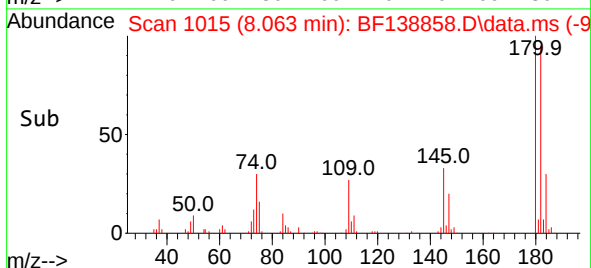
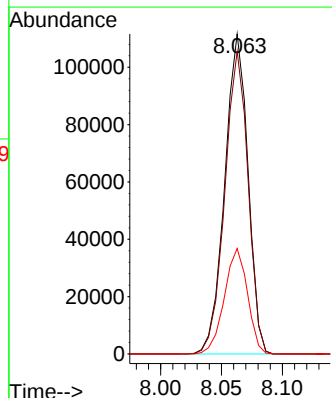
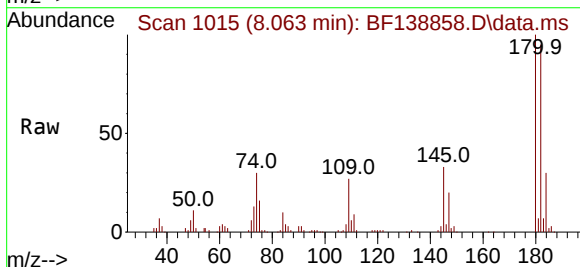
Tgt Ion:180 Resp: 148449

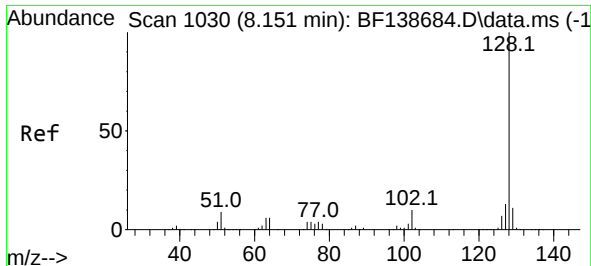
Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

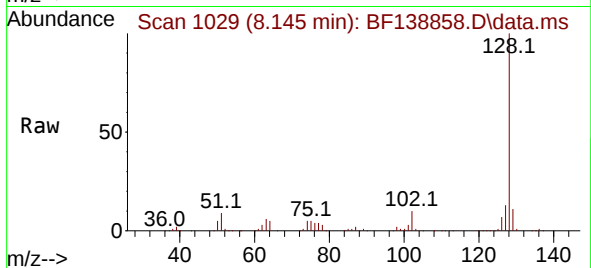
145 32.9 25.0 37.4



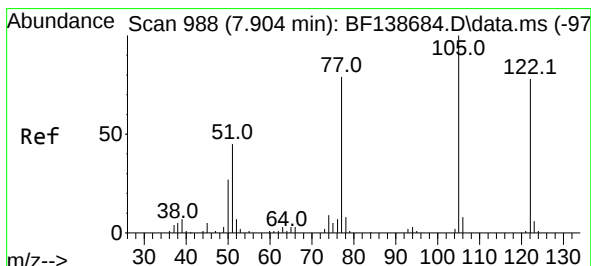
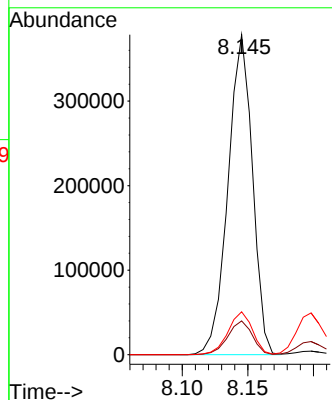
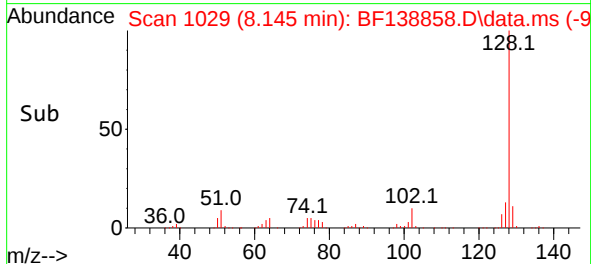


#31
Naphthalene
Concen: 45.355 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :
BNA_F
ClientSampleId :
PB162396BS

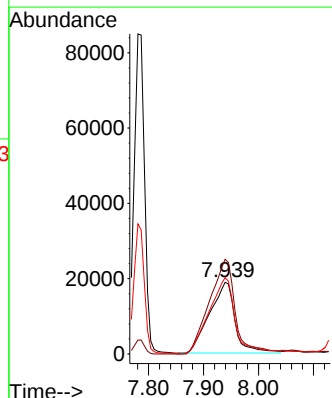
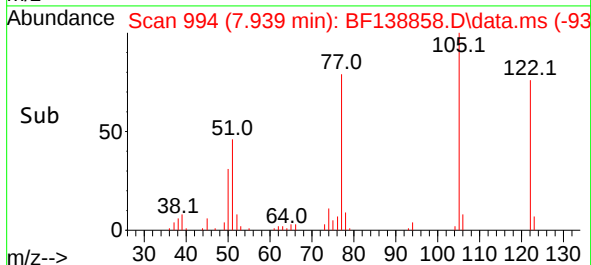
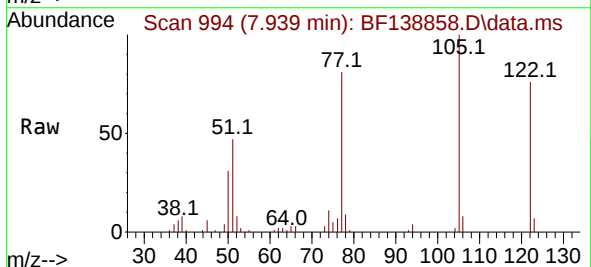


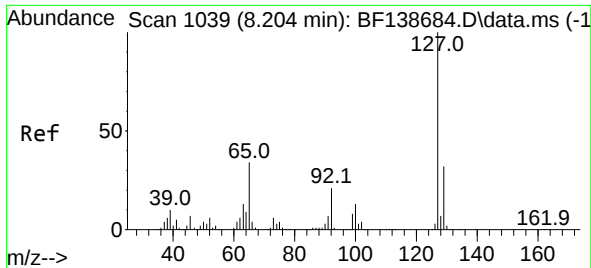
Tgt Ion:128 Resp: 490894
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 35.120 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:122 Resp: 60818
Ion Ratio Lower Upper
122 100
105 132.0 106.7 146.7
77 106.5 81.1 121.1

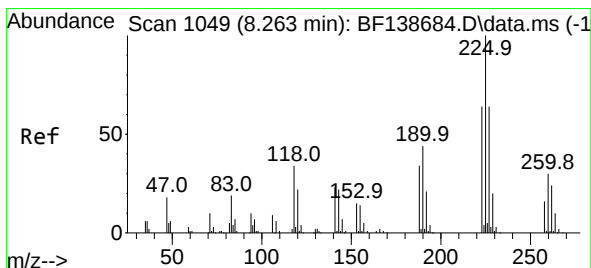
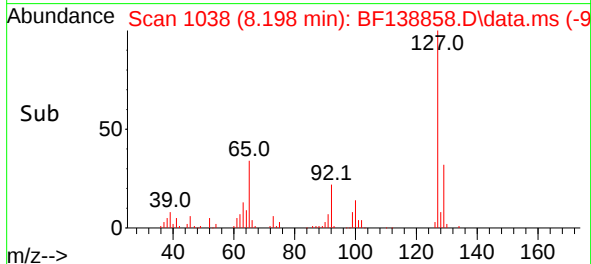
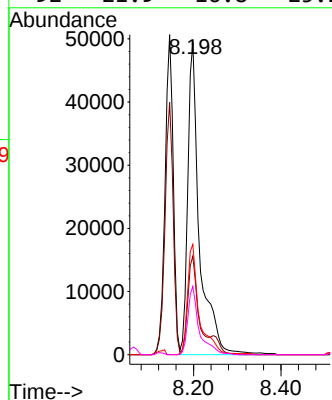
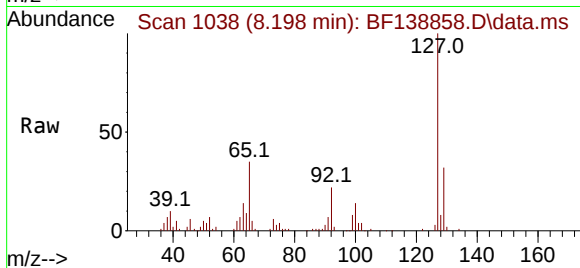




#33
4-Chloroaniline
Concen: 25.449 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

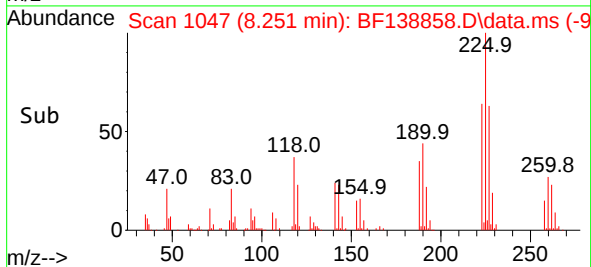
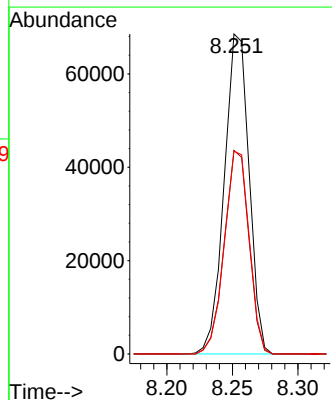
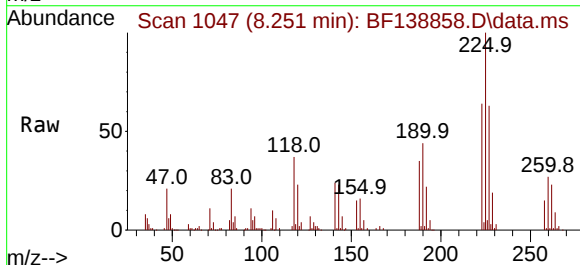
Instrument :
BNA_F
ClientSampleId :
PB162396BS

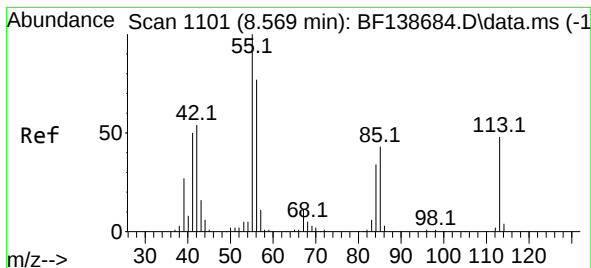
Tgt Ion:	127	Resp:	92462
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.9	38.9
65	35.3	27.6	41.4
92	21.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 45.633 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:	225	Resp:	90294
Ion Ratio	Lower	Upper	
225	100		
223	63.6	51.2	76.8
227	63.4	51.1	76.7





#35

Caprolactam

Concen: 28.560 ng

RT: 8.586 min Scan# 1104

Delta R.T. 0.018 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

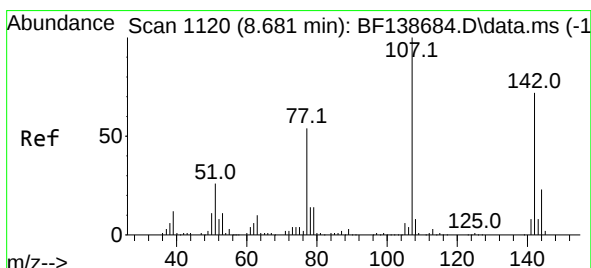
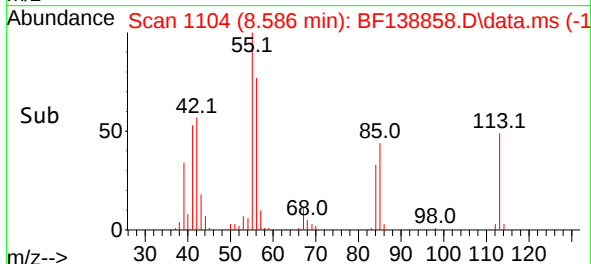
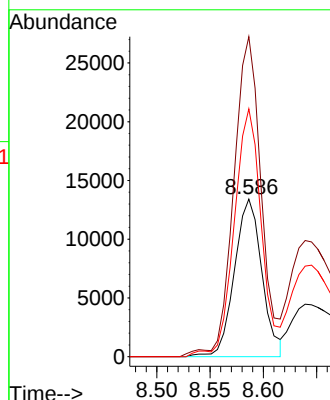
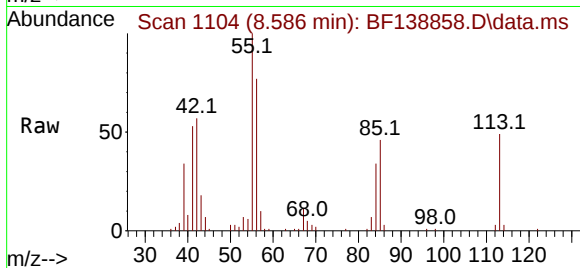
Tgt Ion:113 Resp: 24124

Ion Ratio Lower Upper

113 100

55 203.1 186.7 226.7

56 157.3 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 48.493 ng

RT: 8.692 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

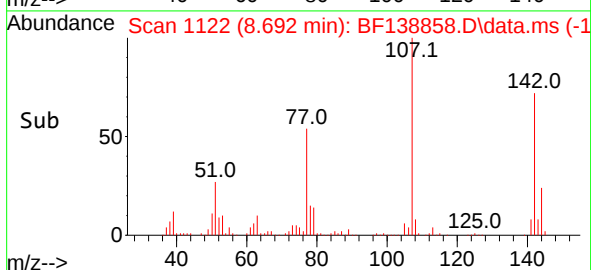
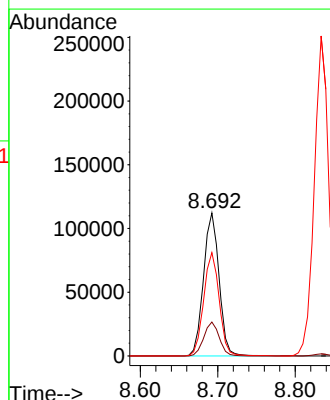
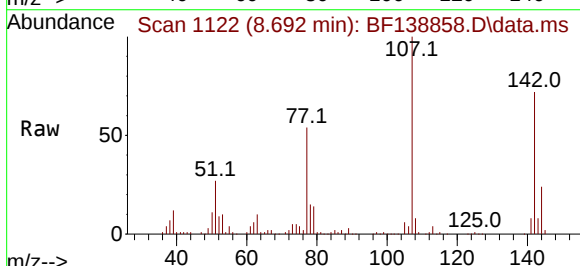
Tgt Ion:107 Resp: 156886

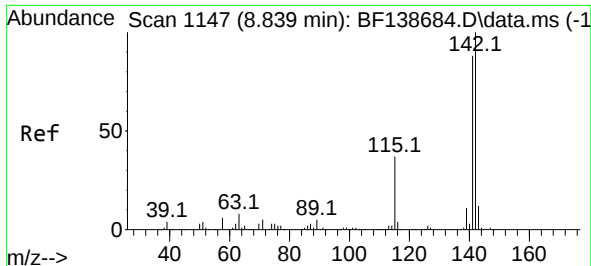
Ion Ratio Lower Upper

107 100

144 23.7 18.2 27.2

142 72.2 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.792 ng

RT: 8.833 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

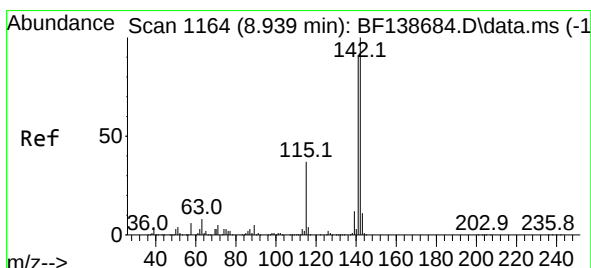
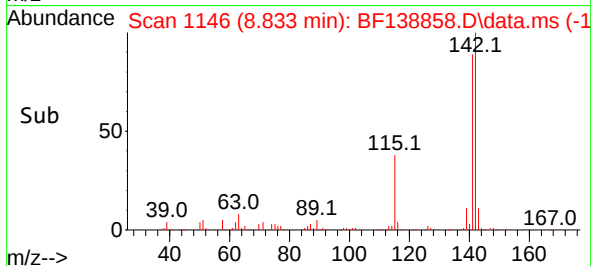
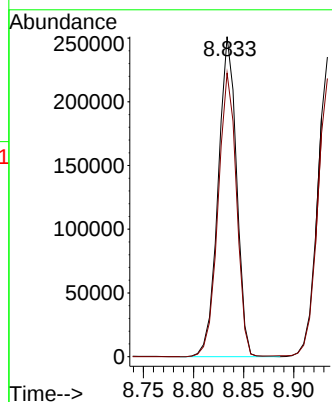
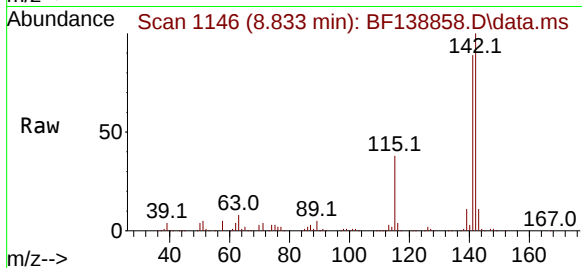
PB162396BS

Tgt Ion:142 Resp: 319854

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 44.184 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138858.D

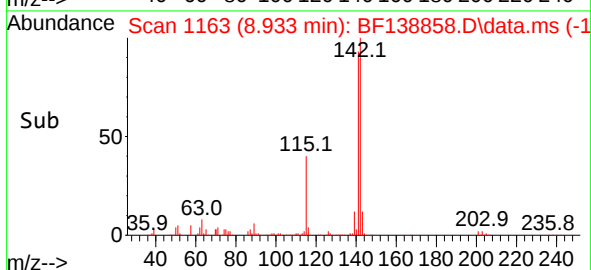
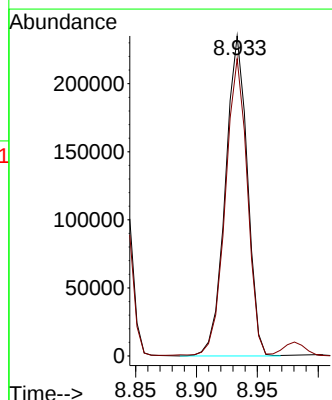
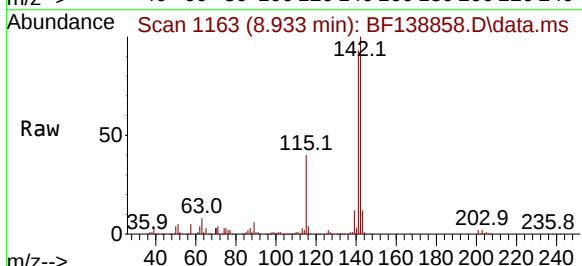
Acq: 08 Aug 2024 11:19

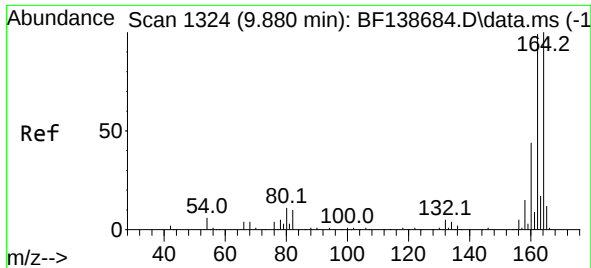
Tgt Ion:142 Resp: 295954

Ion Ratio Lower Upper

142 100

141 92.9 73.1 109.7

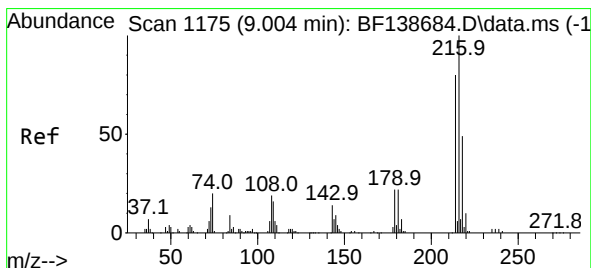
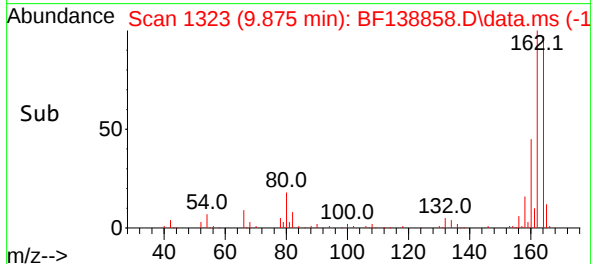
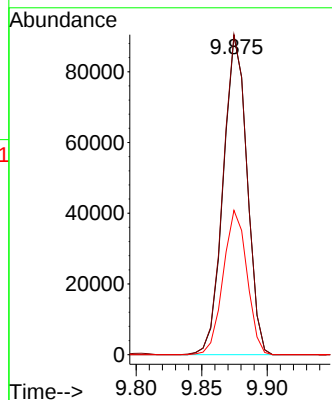
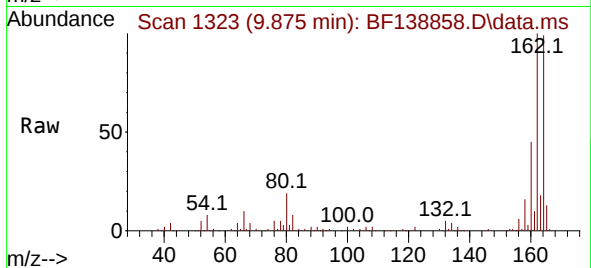




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

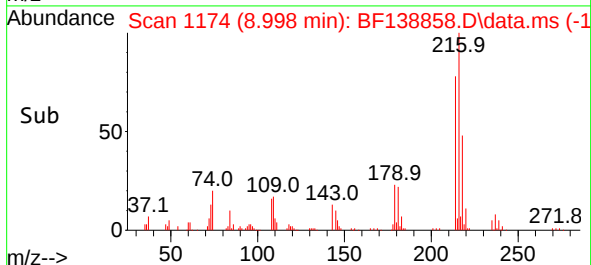
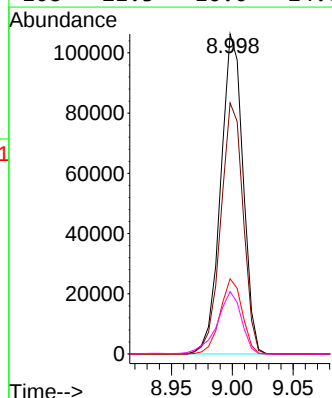
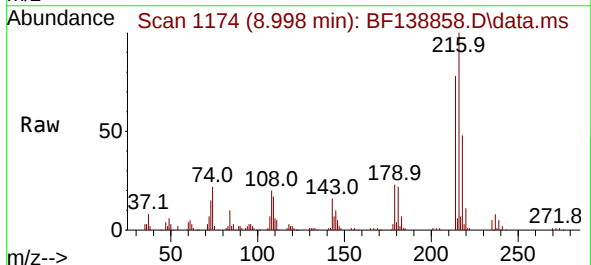
Instrument :
BNA_F
ClientSampleId :
PB162396BS

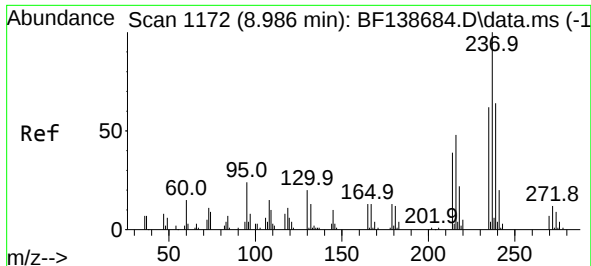
Tgt Ion:164 Resp: 113495
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 45.4 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.966 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:216 Resp: 135460
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 23.2 17.8 26.6
108 21.3 16.0 24.0

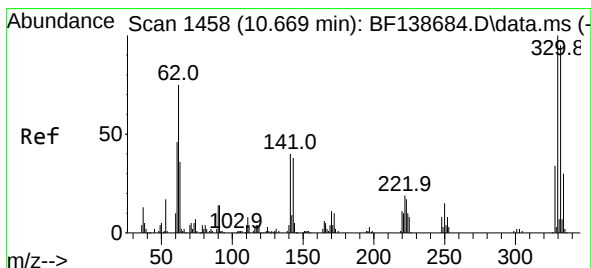
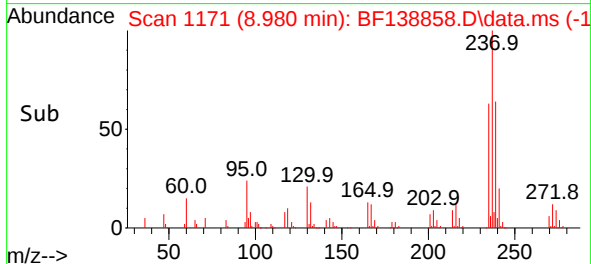
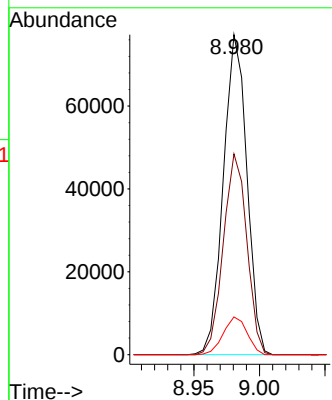
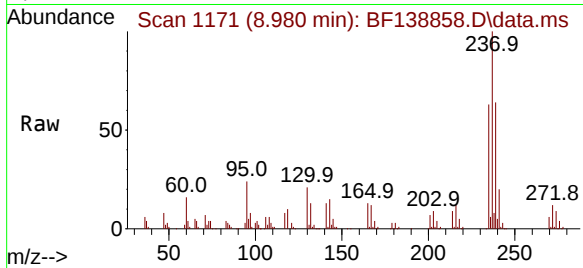




#41
Hexachlorocyclopentadiene
Concen: 112.268 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

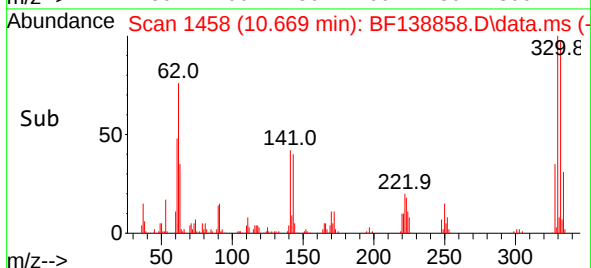
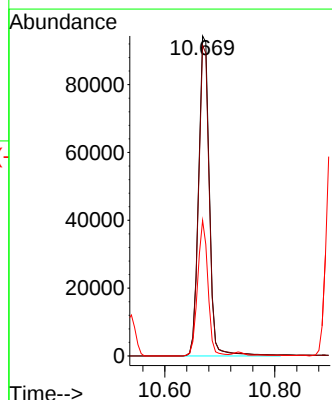
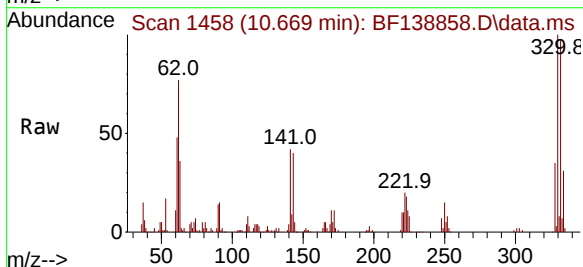
Instrument :
BNA_F
ClientSampleId :
PB162396BS

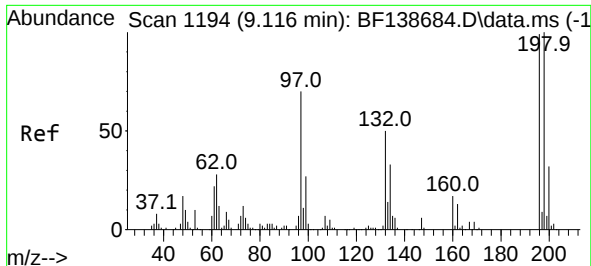
Tgt Ion: 237 Resp: 96254
Ion Ratio Lower Upper
237 100
235 62.7 41.8 81.8
272 11.8 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 139.216 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 330 Resp: 129426
Ion Ratio Lower Upper
330 100
332 96.5 76.4 114.6
141 40.0 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 45.992 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

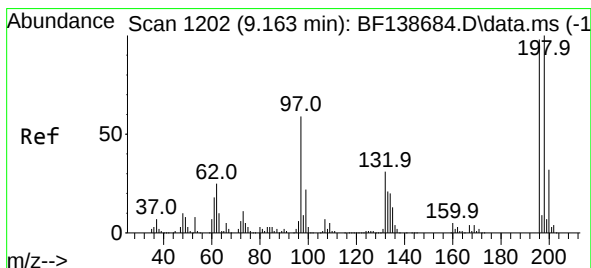
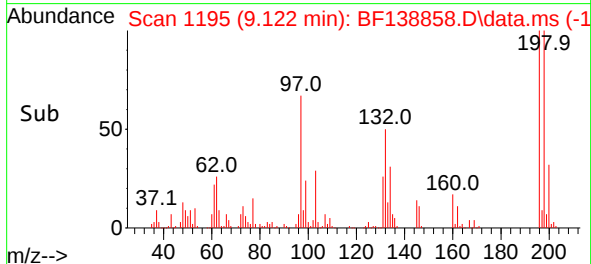
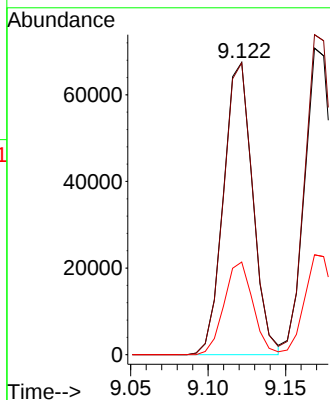
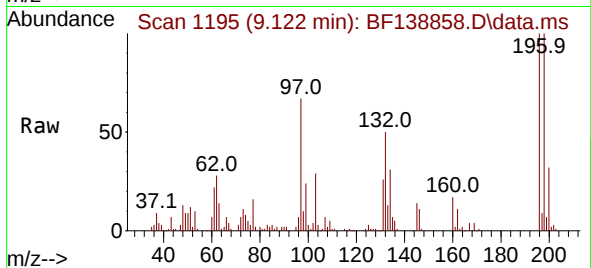
Tgt Ion:196 Resp: 88410

Ion Ratio Lower Upper

196 100

198 99.8 80.5 120.7

200 31.7 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 44.416 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Tgt Ion:196 Resp: 93338

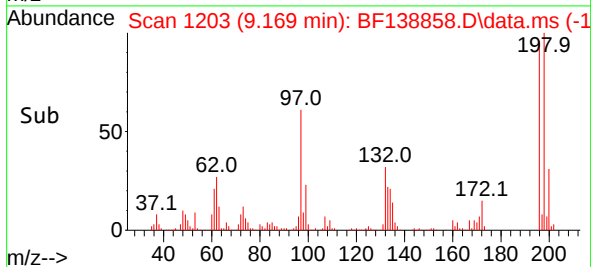
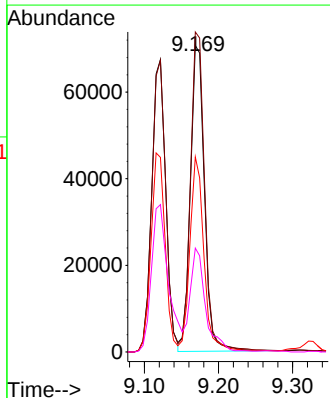
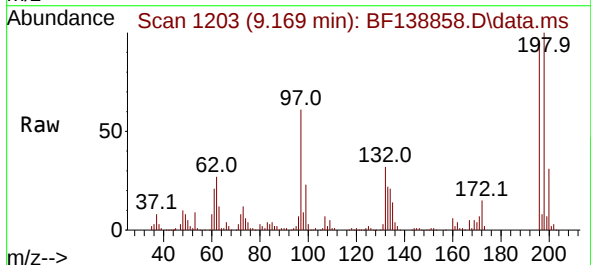
Ion Ratio Lower Upper

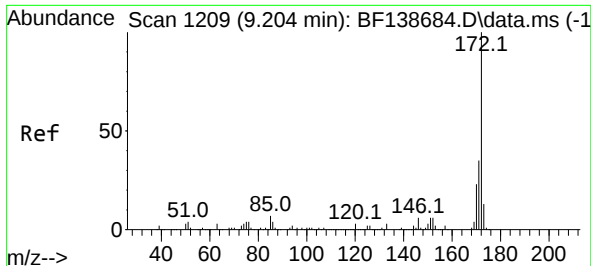
196 100

198 104.4 81.2 121.8

97 63.6 47.8 71.6

132 33.9 25.3 37.9

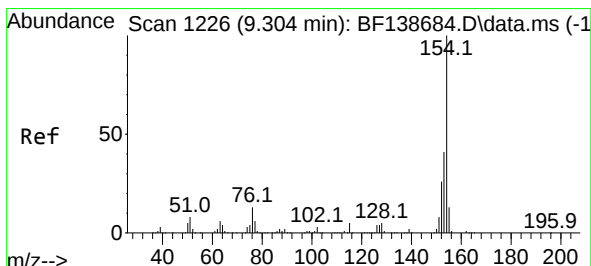
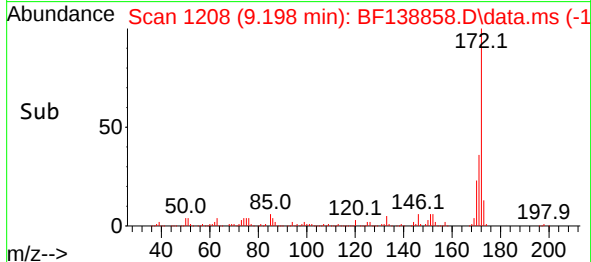
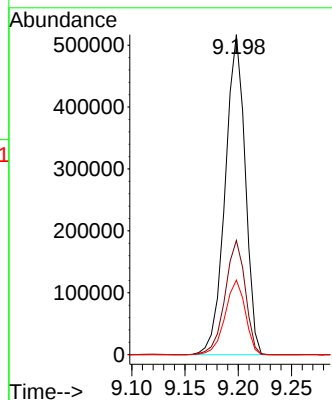
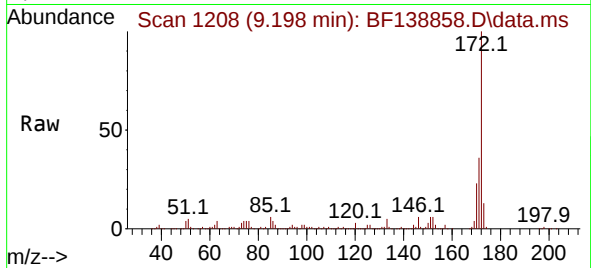




#45
2-Fluorobiphenyl
Concen: 89.400 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

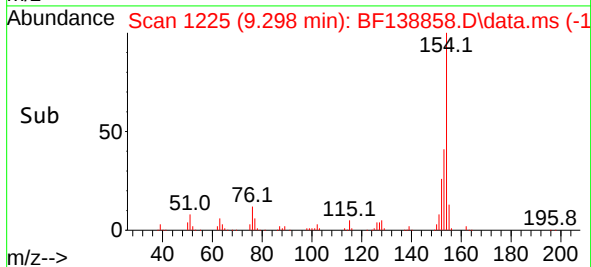
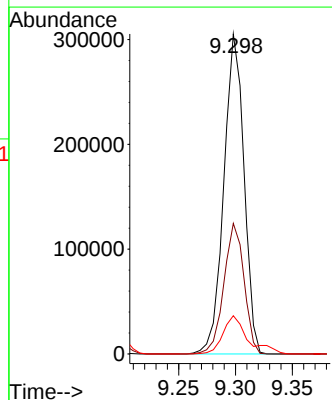
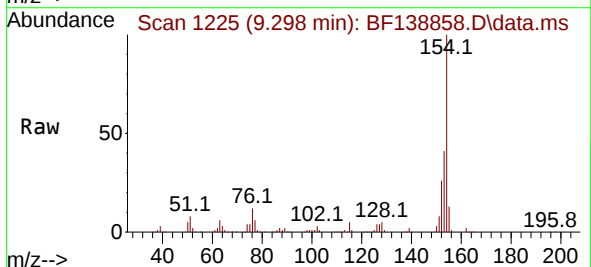
Instrument :
BNA_F
ClientSampleId :
PB162396BS

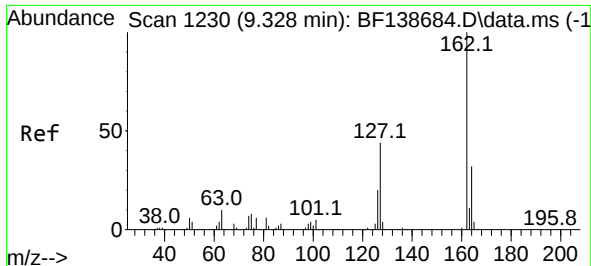
Tgt Ion:172 Resp: 675306
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.445 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:154 Resp: 377279
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 11.9 0.0 32.8

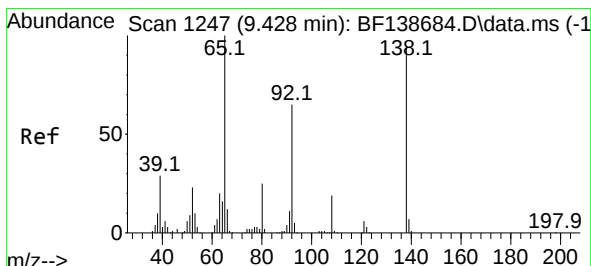
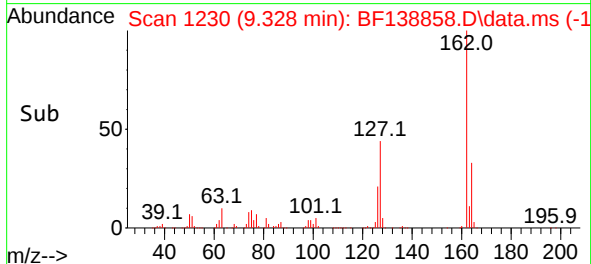
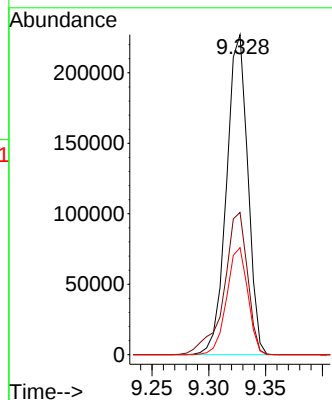
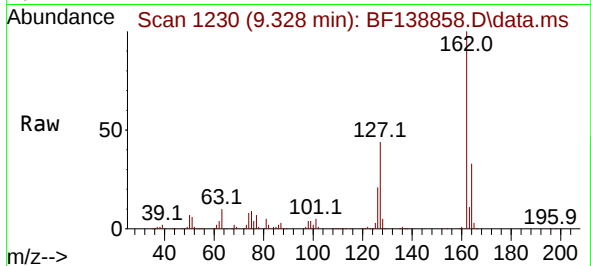




#47
2-Chloronaphthalene
Concen: 44.732 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

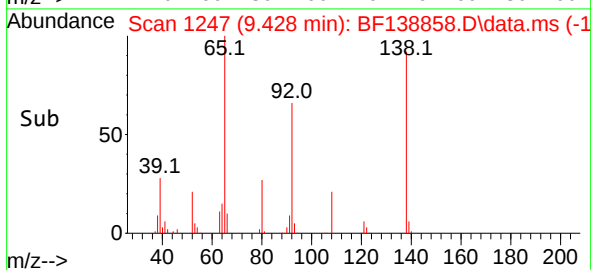
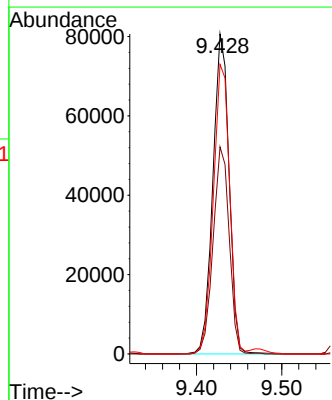
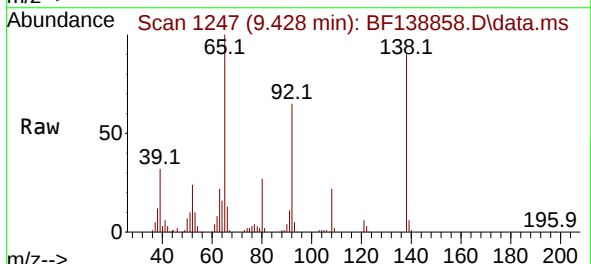
Instrument :
BNA_F
ClientSampleId :
PB162396BS

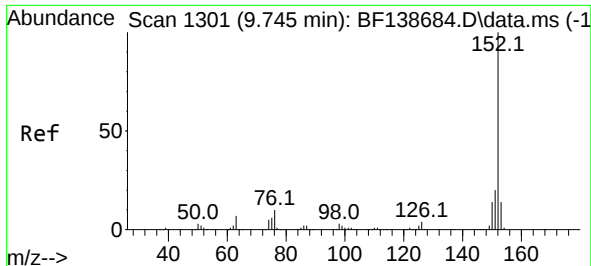
Tgt Ion:162 Resp: 295716
Ion Ratio Lower Upper
162 100
127 44.4 35.4 53.2
164 33.5 25.6 38.4



#48
2-Nitroaniline
Concen: 47.438 ng
RT: 9.428 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion: 65 Resp: 106316
Ion Ratio Lower Upper
65 100
92 64.7 52.0 78.0
138 90.5 76.2 114.4





#49

Acenaphthylene

Concen: 48.845 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

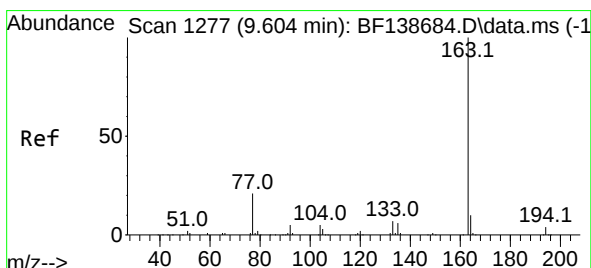
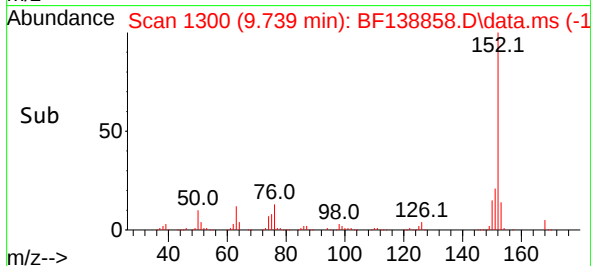
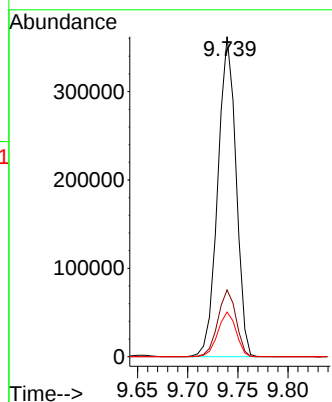
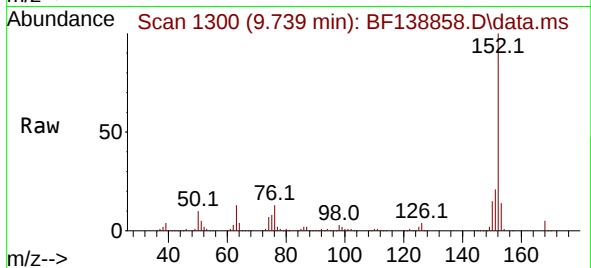
Tgt Ion:152 Resp: 457976

Ion Ratio Lower Upper

152 100

151 20.9 16.0 24.0

153 14.0 11.0 16.4



#50

Dimethylphthalate

Concen: 47.859 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

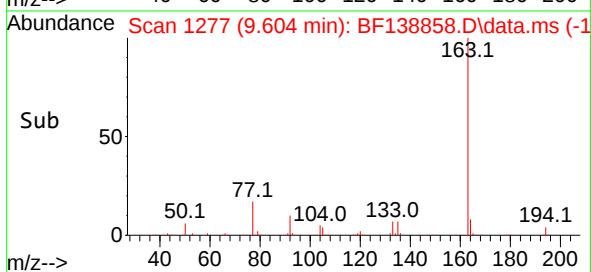
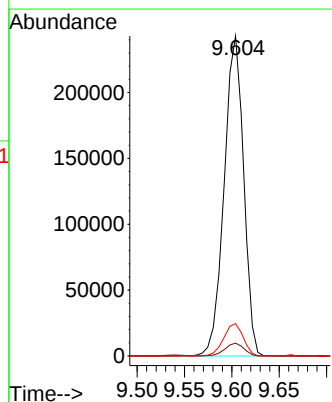
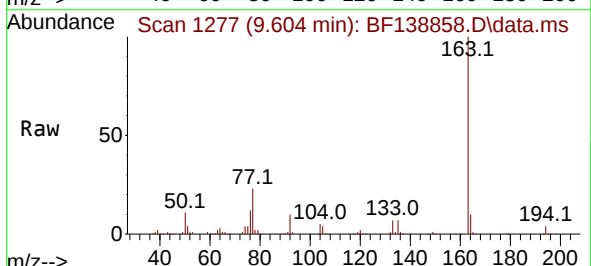
Tgt Ion:163 Resp: 347313

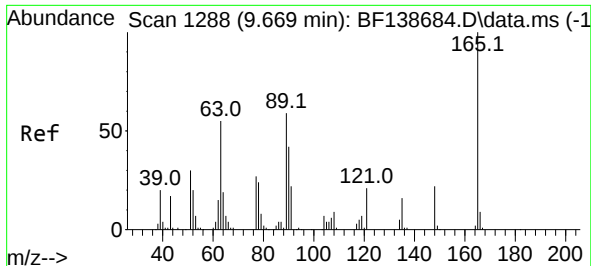
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 47.144 ng

RT: 9.669 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

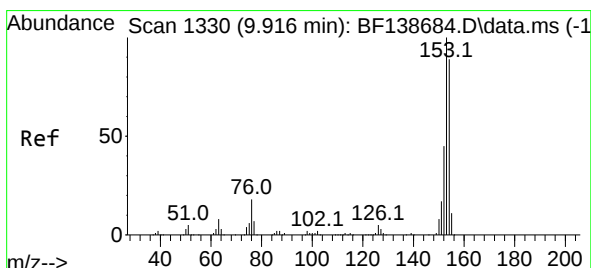
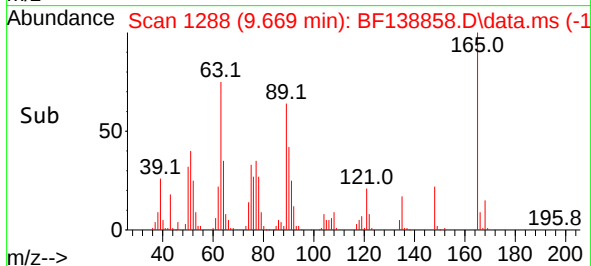
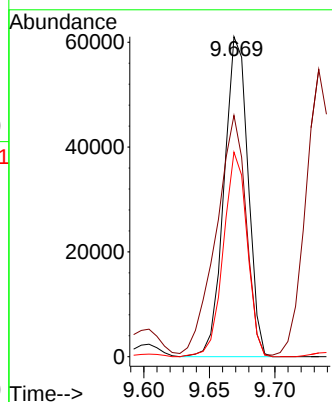
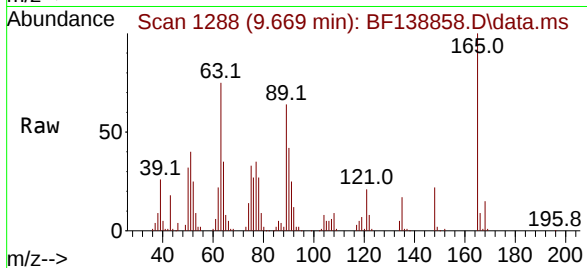
Tgt Ion:165 Resp: 77211

Ion Ratio Lower Upper

165 100

63 75.4 52.0 78.0

89 63.9 47.0 70.6



#52

Acenaphthene

Concen: 44.807 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

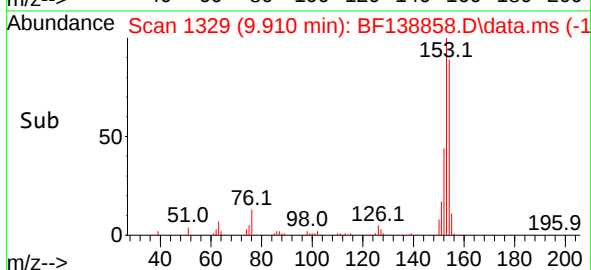
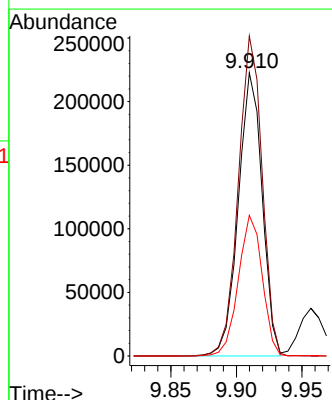
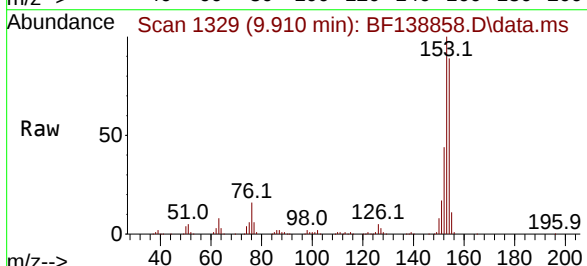
Tgt Ion:154 Resp: 282408

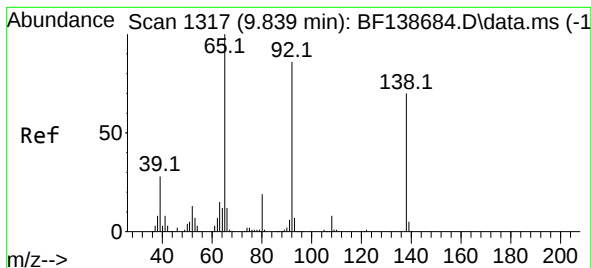
Ion Ratio Lower Upper

154 100

153 113.0 89.9 134.9

152 49.7 40.6 60.8





#53

3-Nitroaniline

Concen: 32.076 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

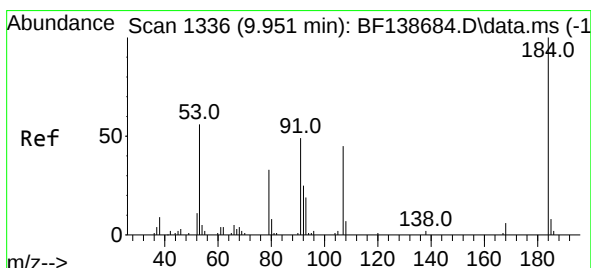
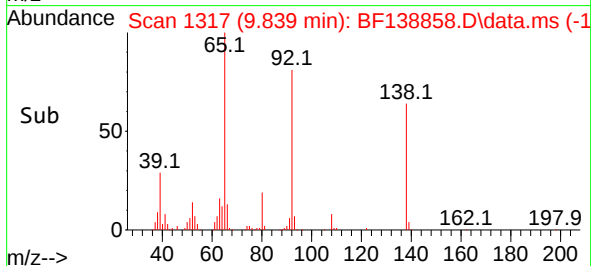
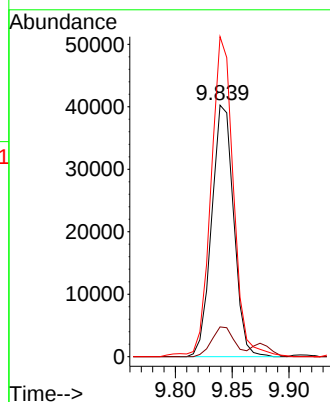
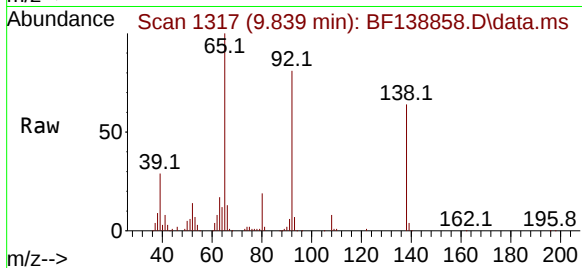
Tgt Ion:138 Resp: 54308

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

92 127.2 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 93.816 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

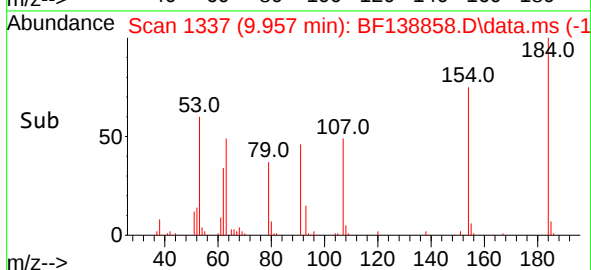
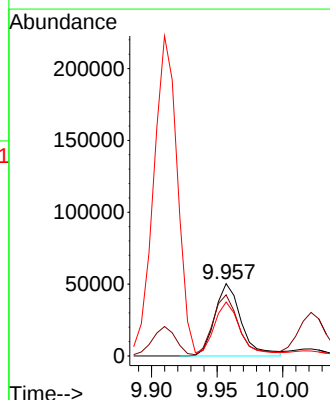
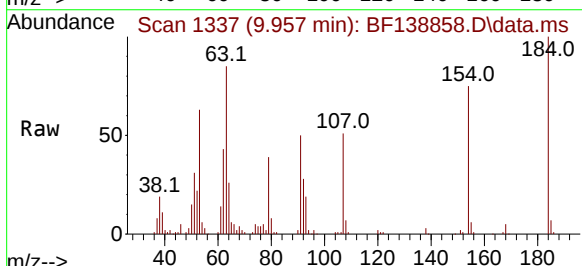
Tgt Ion:184 Resp: 70730

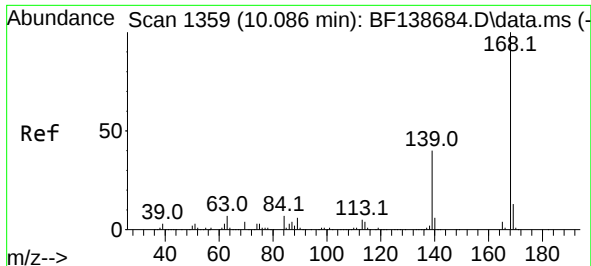
Ion Ratio Lower Upper

184 100

63 84.5 57.5 86.3

154 74.6 51.7 77.5

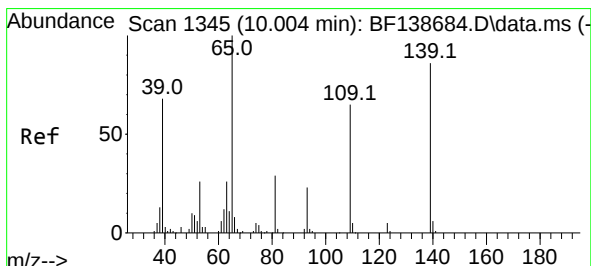
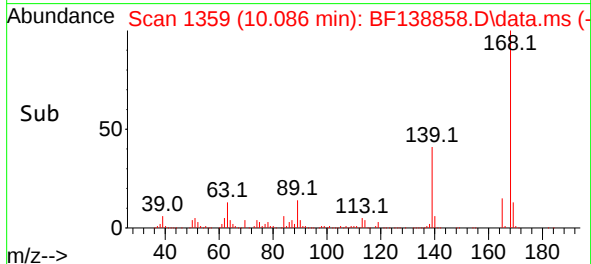
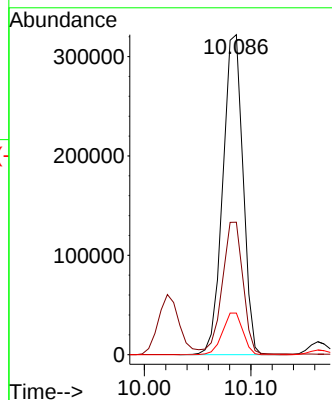
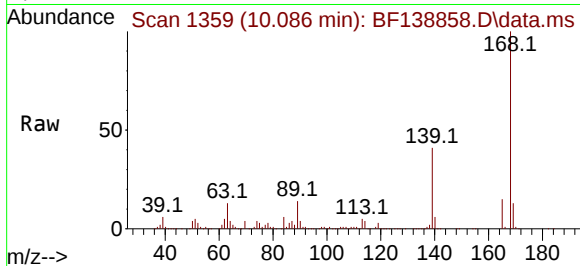




#55
Dibenzenofuran
Concen: 47.462 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

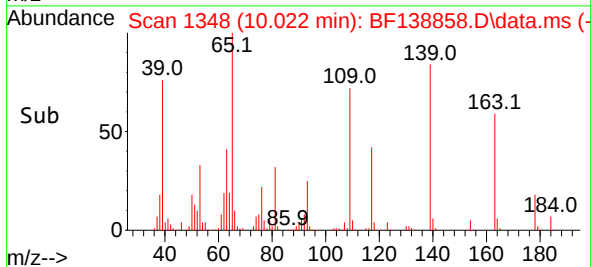
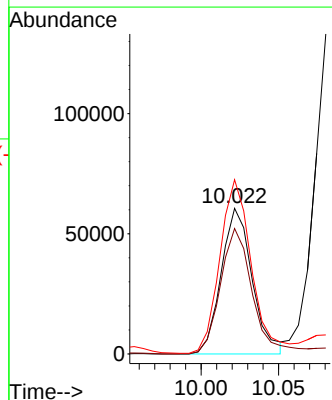
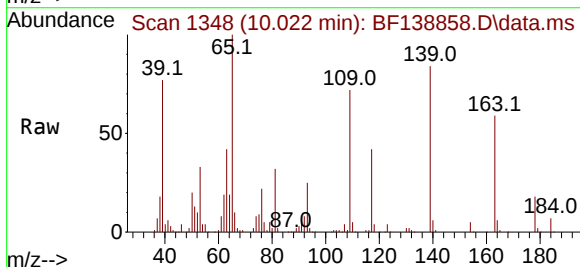
Instrument :
BNA_F
ClientSampleId :
PB162396BS

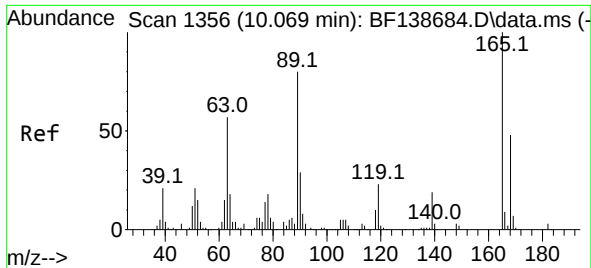
Tgt Ion:168 Resp: 422273
Ion Ratio Lower Upper
168 100
139 41.4 32.6 49.0
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 82.802 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:139 Resp: 84304
Ion Ratio Lower Upper
139 100
109 86.1 55.5 95.5
65 119.6 96.7 136.7

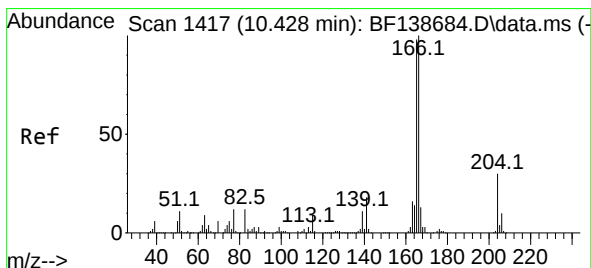
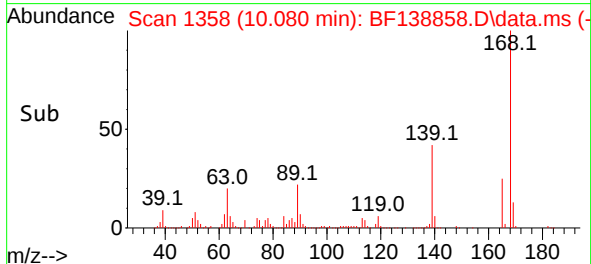
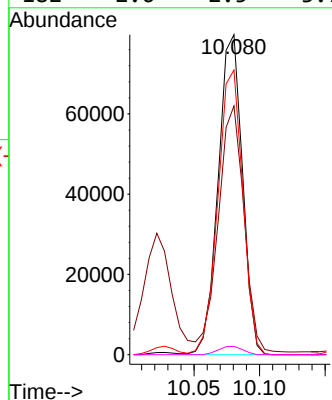
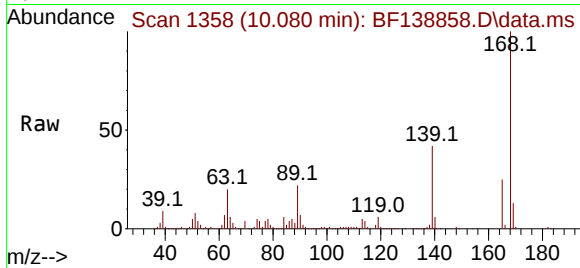




#57
2,4-Dinitrotoluene
Concen: 49.082 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

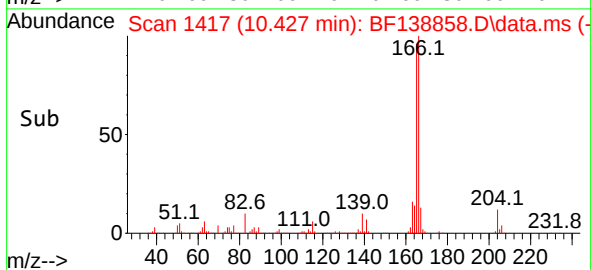
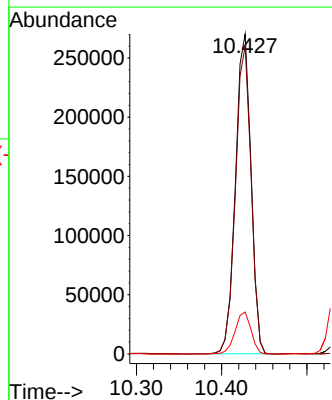
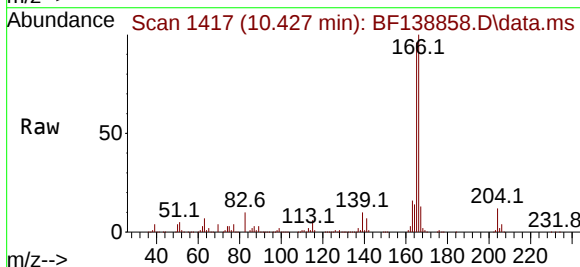
Instrument :
BNA_F
ClientSampleId :
PB162396BS

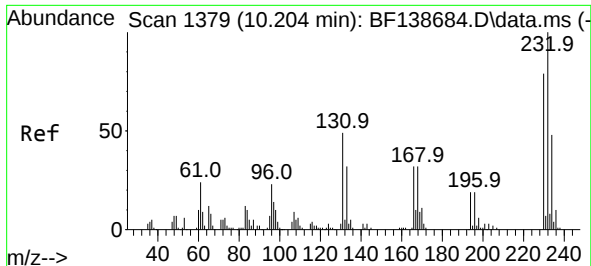
Tgt Ion:165 Resp: 102558
Ion Ratio Lower Upper
165 100
63 77.8 46.3 69.5#
89 89.0 64.2 96.4
182 2.6 2.5 3.7



#58
Fluorene
Concen: 48.277 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:166 Resp: 342043
Ion Ratio Lower Upper
166 100
165 96.1 78.4 117.6
167 13.1 10.6 16.0

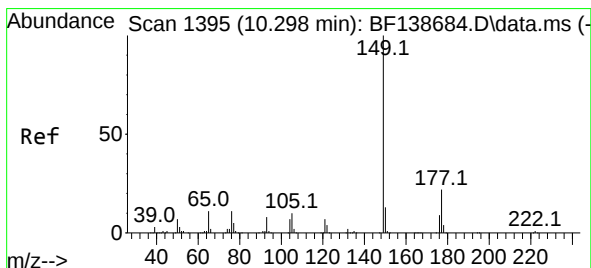
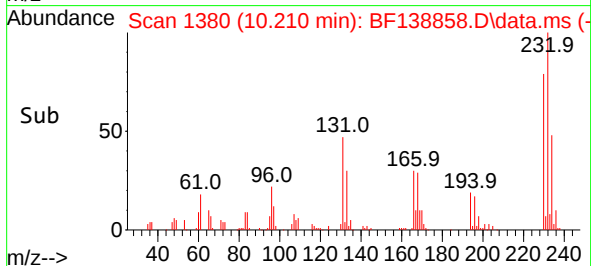
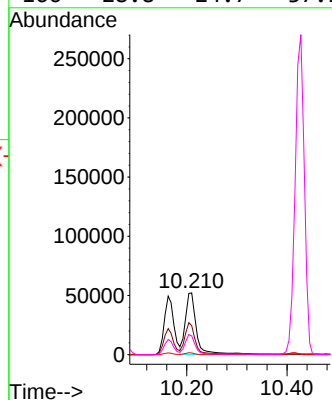
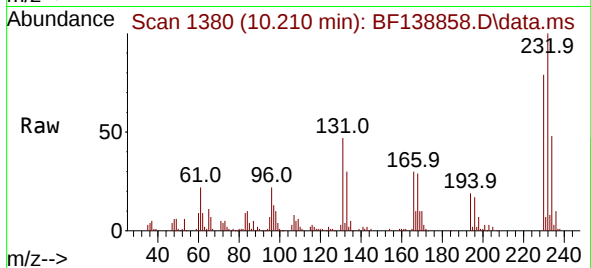




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.575 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

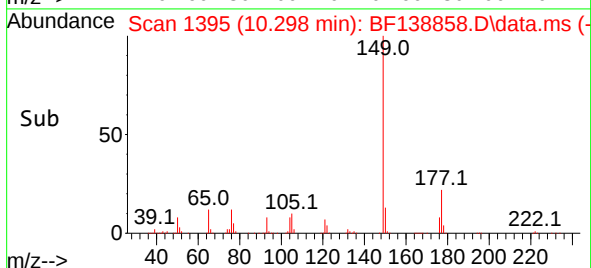
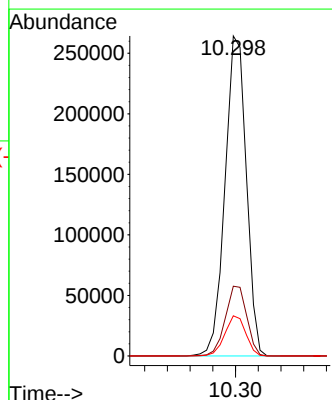
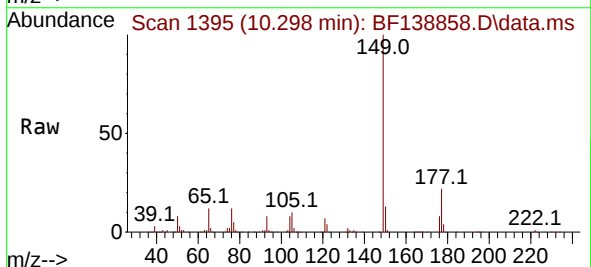
Instrument :
BNA_F
ClientSampleId :
PB162396BS

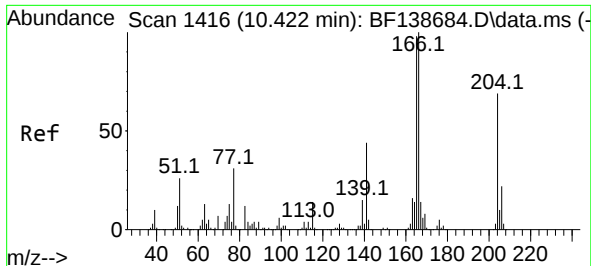
Tgt Ion:232 Resp: 79647
Ion Ratio Lower Upper
232 100
131 48.1 37.0 55.4
130 2.6 2.0 3.0
166 28.8 24.7 37.1



#60
Diethylphthalate
Concen: 50.029 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:149 Resp: 344246
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.8
150 12.5 10.1 15.1

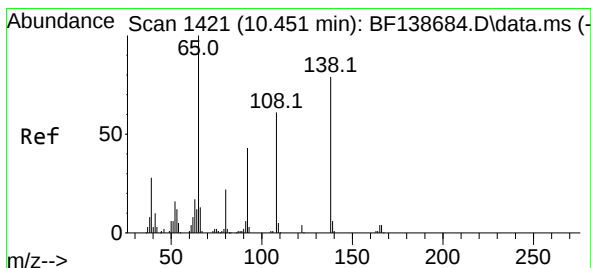
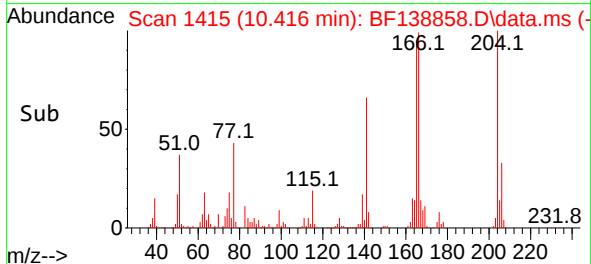
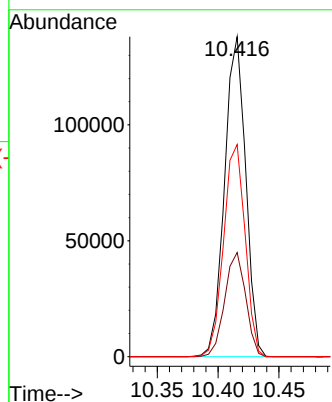
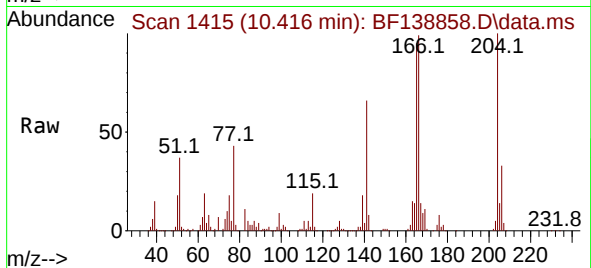




#61
4-Chlorophenyl-phenylether
Concen: 47.835 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

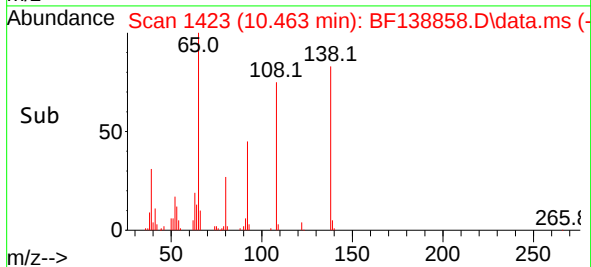
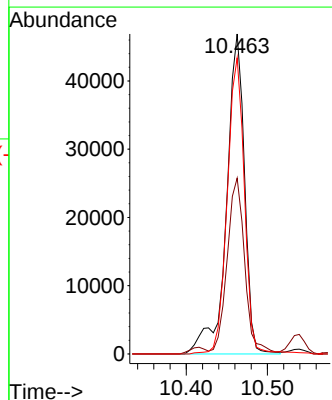
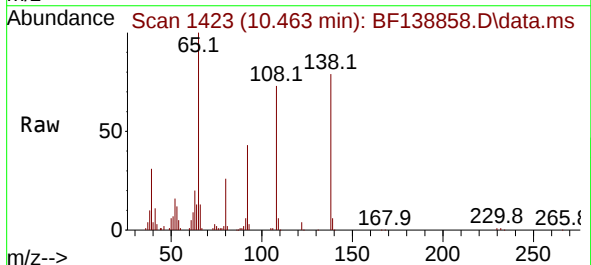
Instrument :
BNA_F
ClientSampleId :
PB162396BS

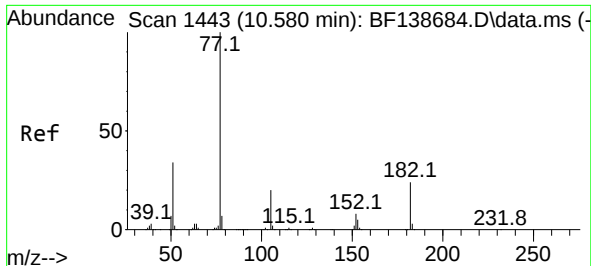
Tgt Ion:204 Resp: 166685
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 66.3 51.4 77.0



#62
4-Nitroaniline
Concen: 44.997 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:138 Resp: 72398
Ion Ratio Lower Upper
138 100
92 54.9 34.2 74.2
108 92.6 56.2 96.2

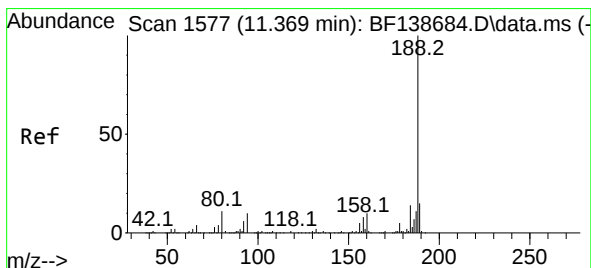
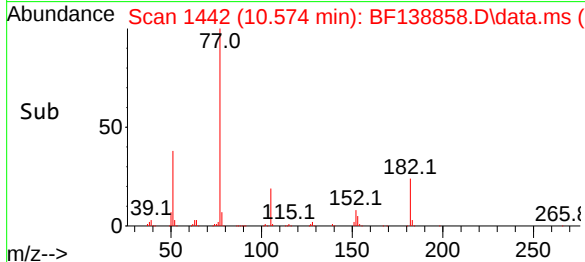
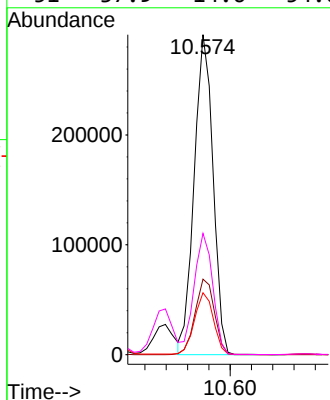
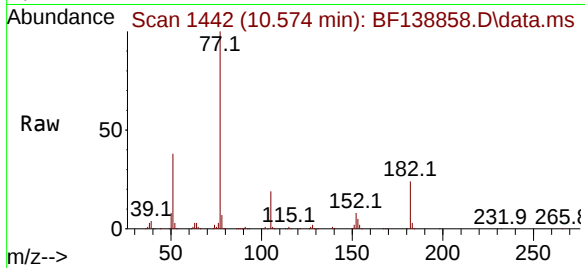




#63
Azobenzene
Concen: 47.021 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

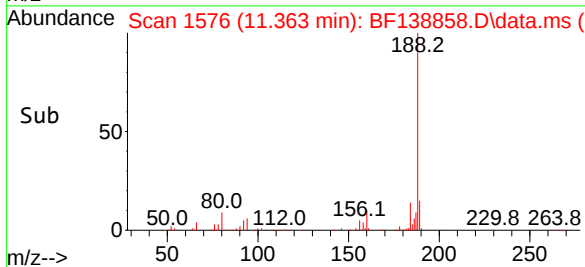
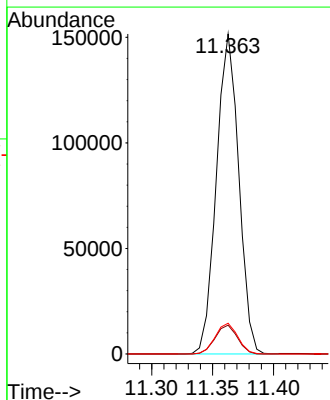
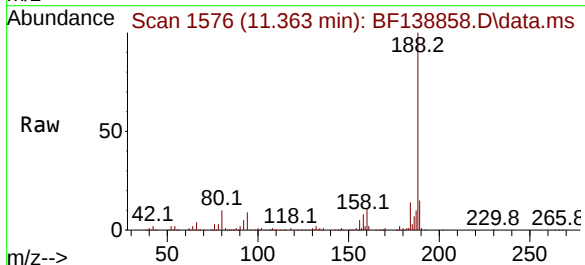
Instrument :
BNA_F
ClientSampleId :
PB162396BS

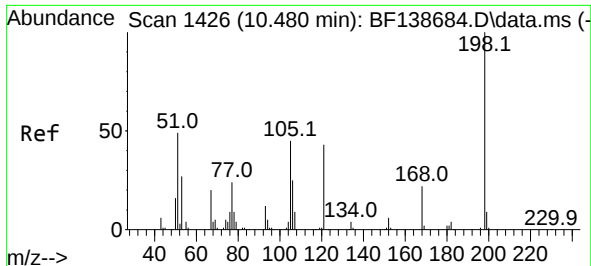
Tgt Ion: 77	Resp: 358846
Ion Ratio	Lower Upper
77 100	
182 23.6	3.4 43.4
105 19.4	0.2 40.2
51 37.9	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:188	Resp: 193771
Ion Ratio	Lower Upper
188 100	
94 9.0	7.6 11.4
80 9.6	8.6 12.8

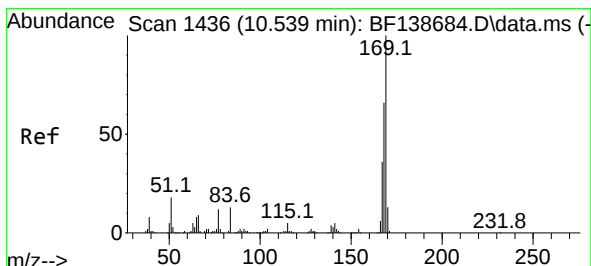
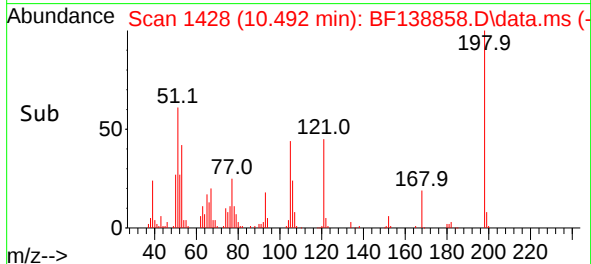
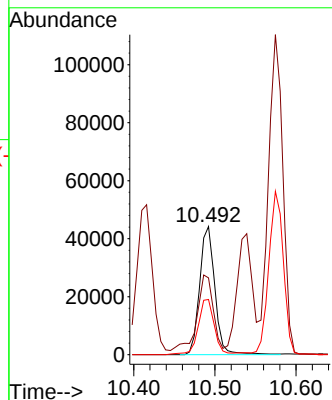
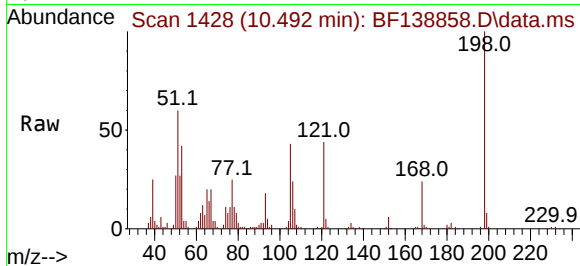




#65
4,6-Dinitro-2-methylphenol
Concen: 48.884 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

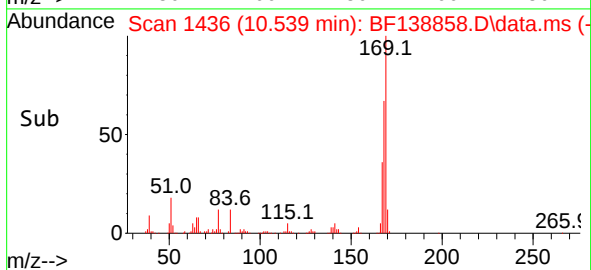
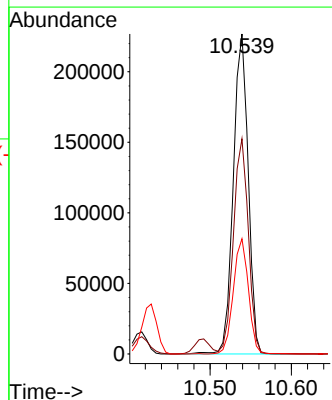
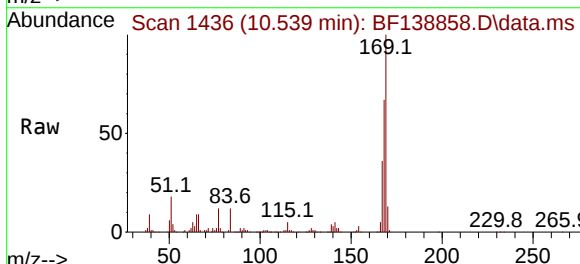
Instrument :
BNA_F
ClientSampleId :
PB162396BS

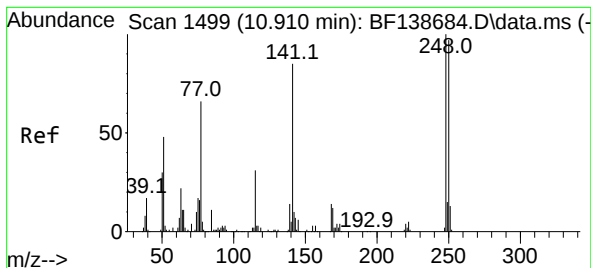
Tgt Ion:198 Resp: 57789
Ion Ratio Lower Upper
198 100
51 60.0 39.9 79.9
105 43.2 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 47.596 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:169 Resp: 288282
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 36.0 29.0 43.6

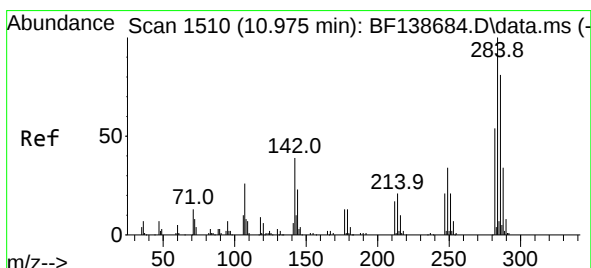
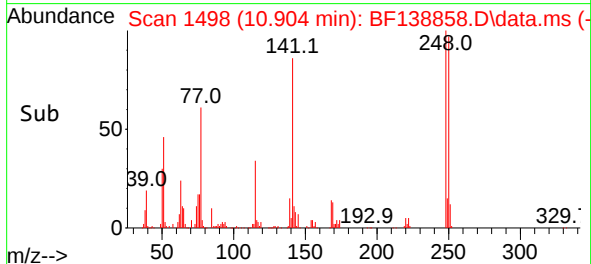
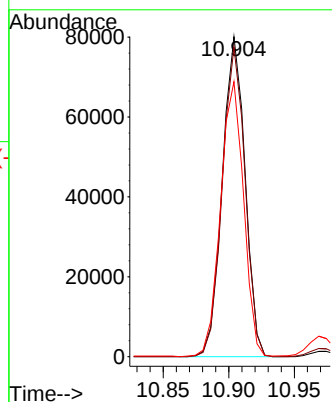
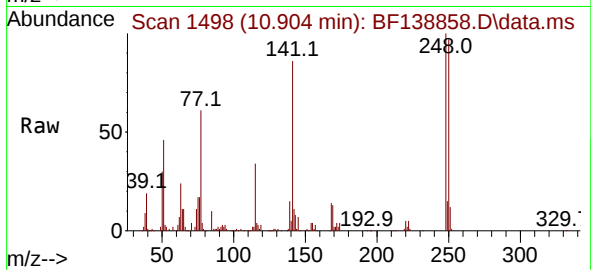




#67
4-Bromophenyl-phenylether
Concen: 46.008 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

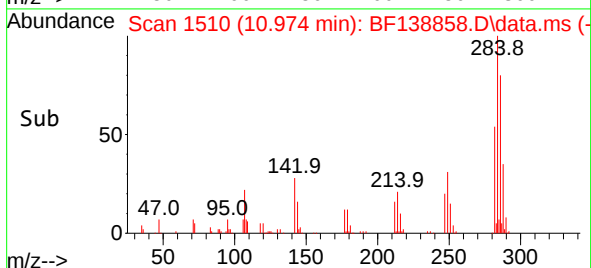
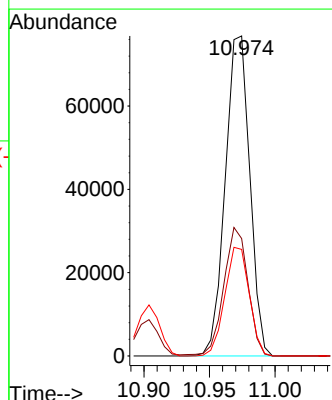
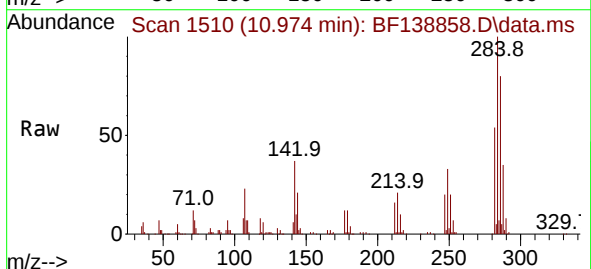
Instrument :
BNA_F
ClientSampleId :
PB162396BS

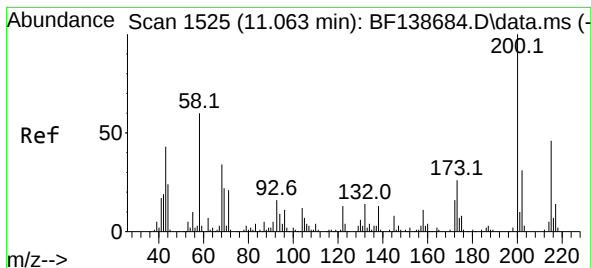
Tgt Ion:248 Resp: 96521
Ion Ratio Lower Upper
248 100
250 96.7 77.7 116.5
141 85.9 68.0 102.0



#68
Hexachlorobenzene
Concen: 46.161 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:284 Resp: 99992
Ion Ratio Lower Upper
284 100
142 36.7 31.3 46.9
249 33.3 27.2 40.8





#69

Atrazine

Concen: 54.183 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

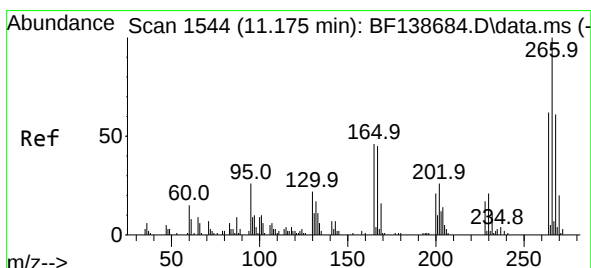
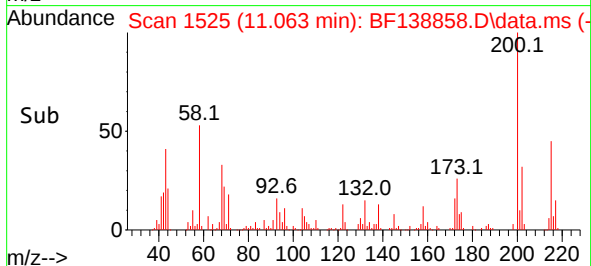
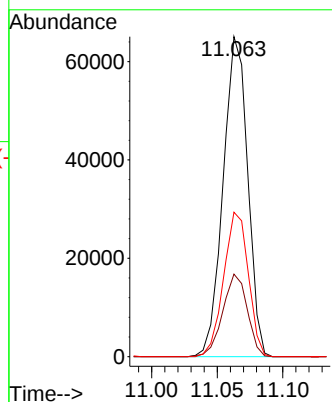
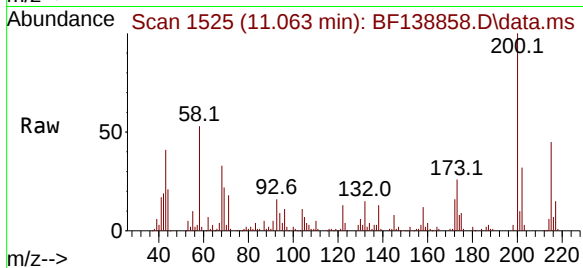
Tgt Ion:200 Resp: 84670

Ion Ratio Lower Upper

200 100

173 25.8 6.0 46.0

215 45.2 26.1 66.1



#70

Pentachlorophenol

Concen: 75.845 ng

RT: 11.174 min Scan# 1544

Delta R.T. -0.001 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

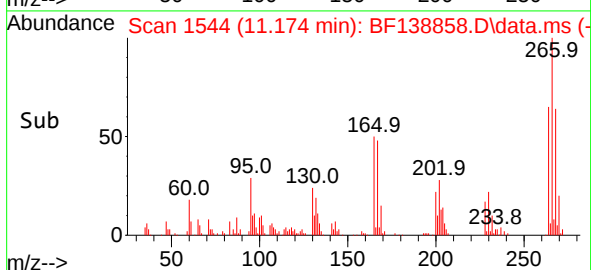
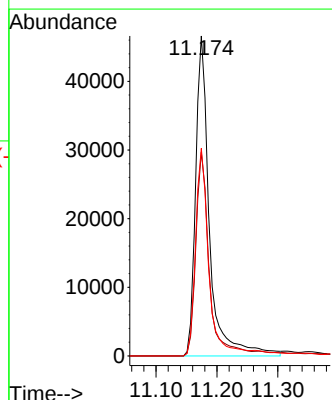
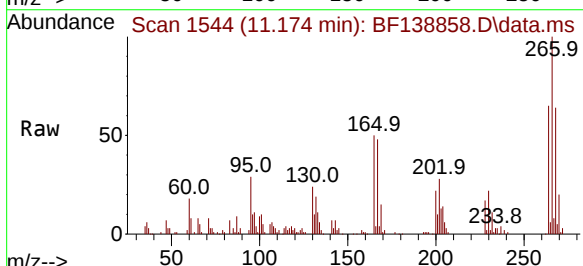
Tgt Ion:266 Resp: 74053

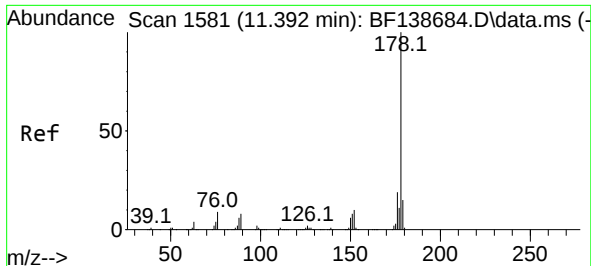
Ion Ratio Lower Upper

266 100

268 63.6 49.2 73.8

264 64.9 49.8 74.6

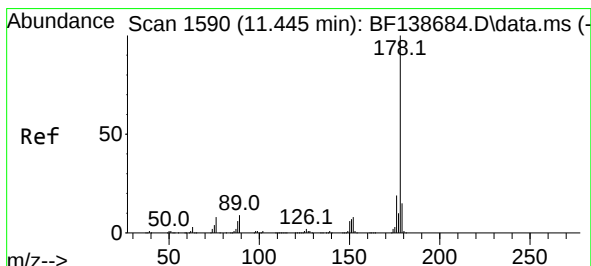
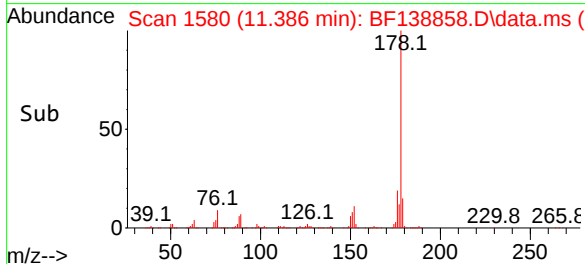
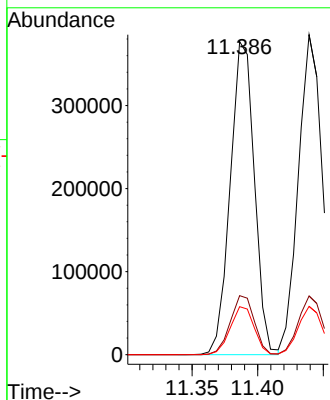
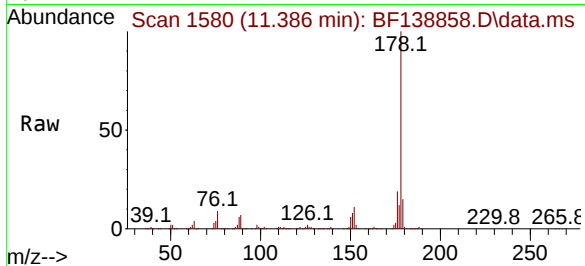




#71
Phenanthrene
Concen: 48.460 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

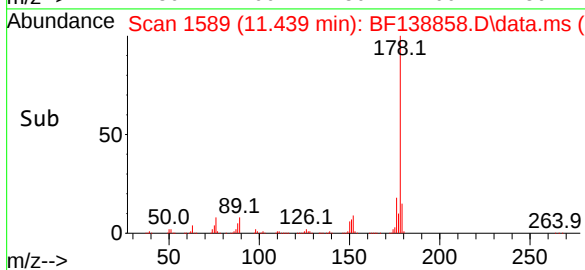
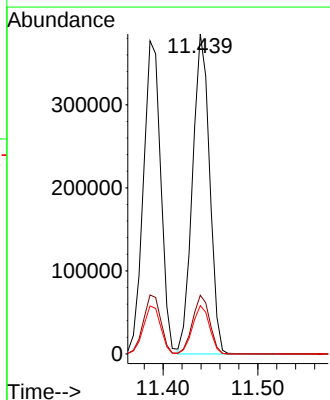
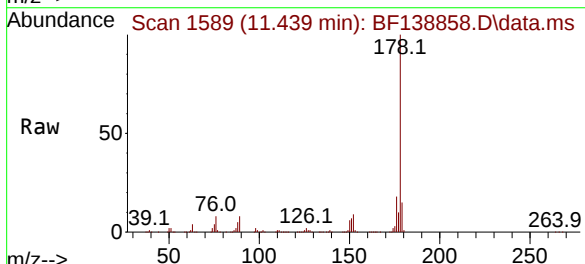
Instrument :
BNA_F
ClientSampleId :
PB162396BS

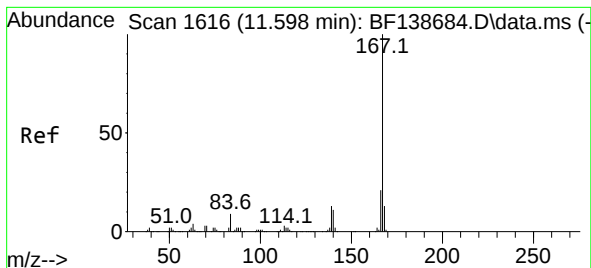
Tgt Ion:178 Resp: 483513
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.3 12.2 18.2



#72
Anthracene
Concen: 49.187 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:178 Resp: 483474
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.1 12.4 18.6





#73

Carbazole

Concen: 47.629 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

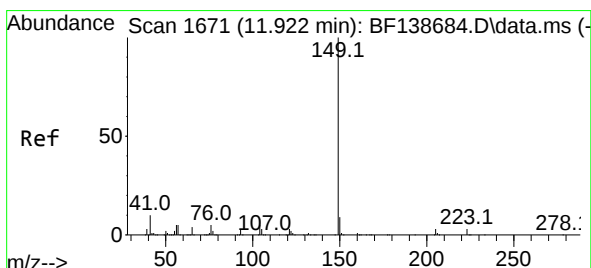
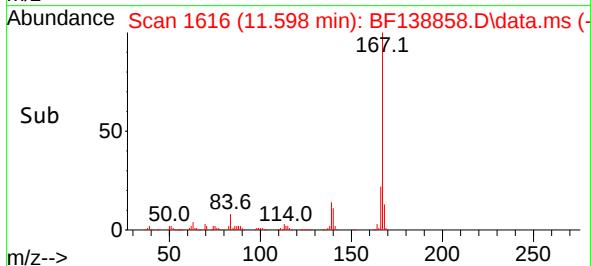
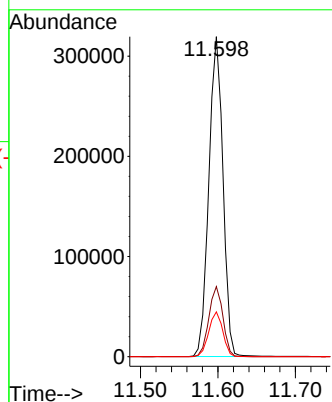
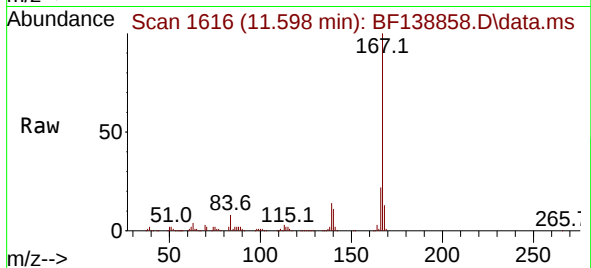
Tgt Ion:167 Resp: 403908

Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

139 14.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 53.469 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

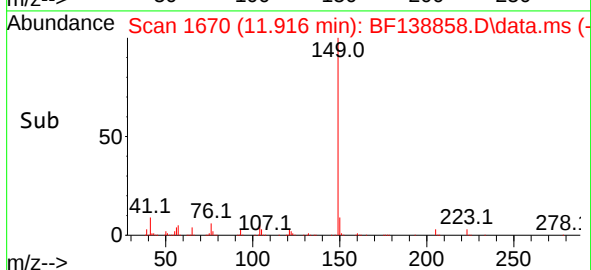
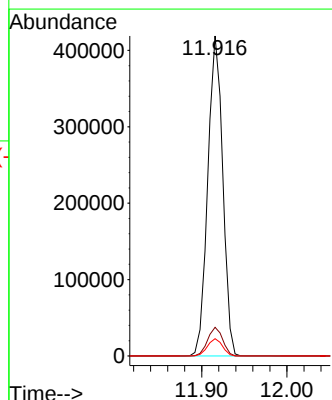
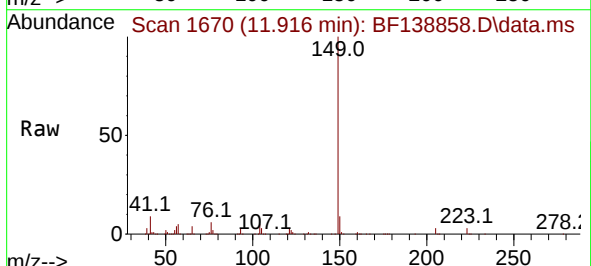
Tgt Ion:149 Resp: 509726

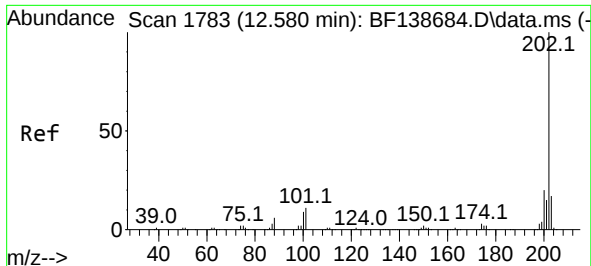
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

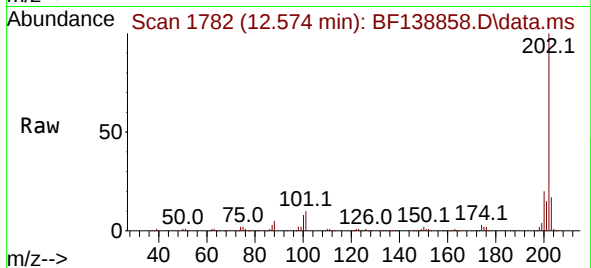
104 5.4 4.1 6.1



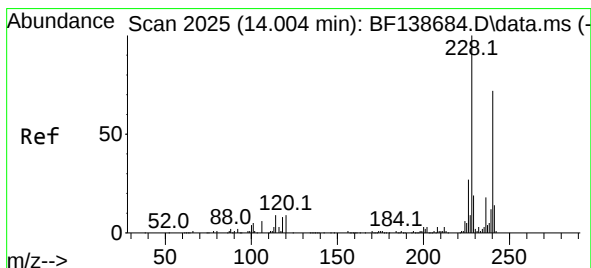
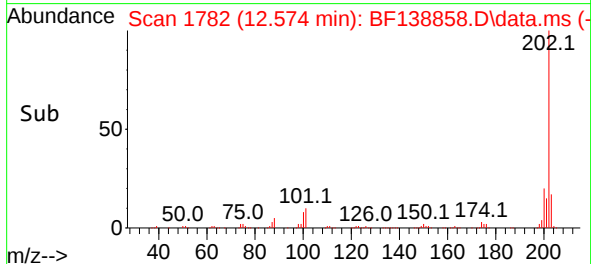
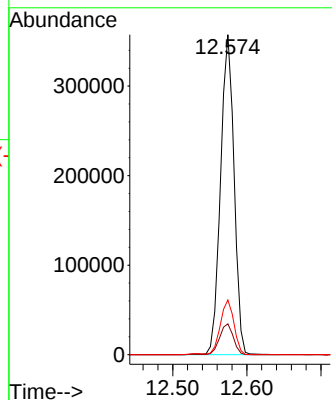


#75
Fluoranthene
Concen: 48.640 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :
BNA_F
ClientSampleId :
PB162396BS

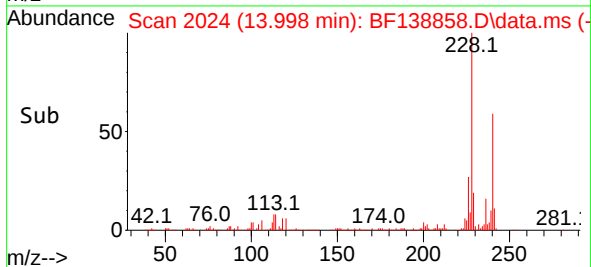
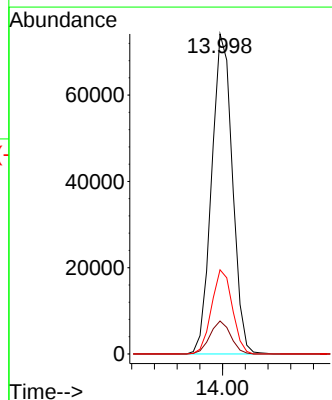
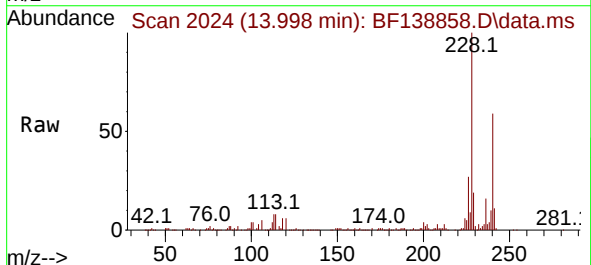


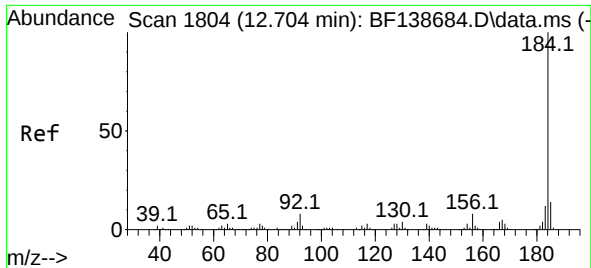
Tgt Ion:202 Resp: 453065
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.2
203 17.1 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:240 Resp: 94221
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 26.3 19.8 29.8

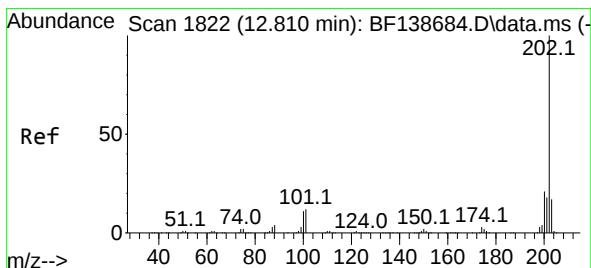
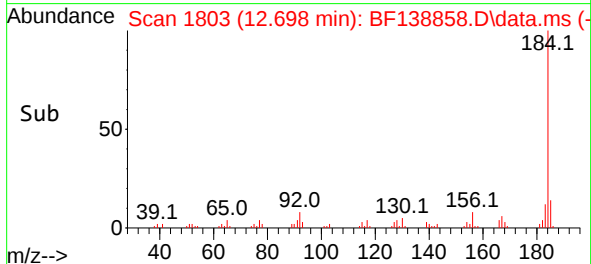
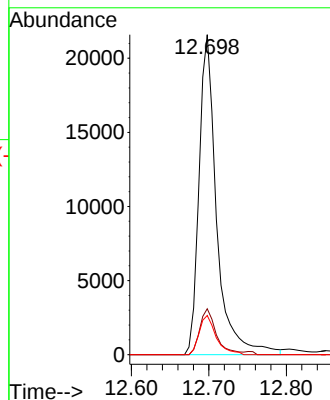
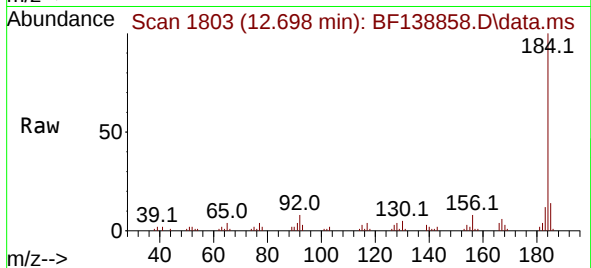




#77
Benzidine
Concen: 15.153 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

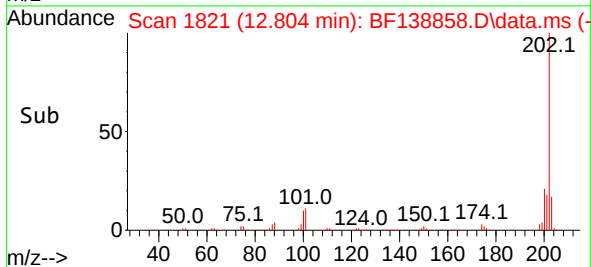
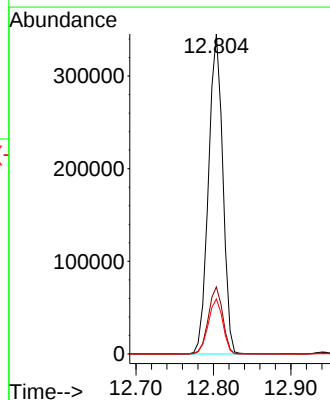
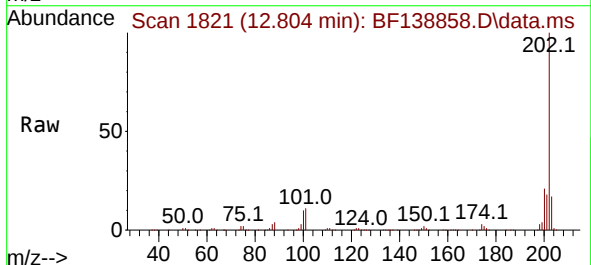
Instrument :
BNA_F
ClientSampleId :
PB162396BS

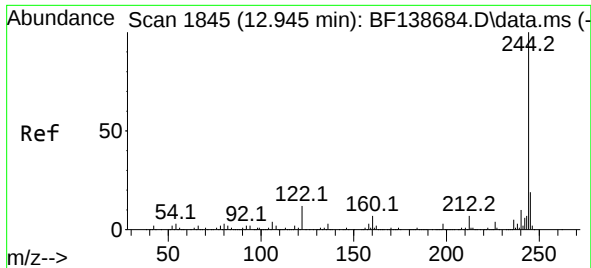
Tgt Ion:184 Resp: 34149
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 12.2 9.6 14.4



#78
Pyrene
Concen: 49.988 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:202 Resp: 443456
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.2 13.8 20.6

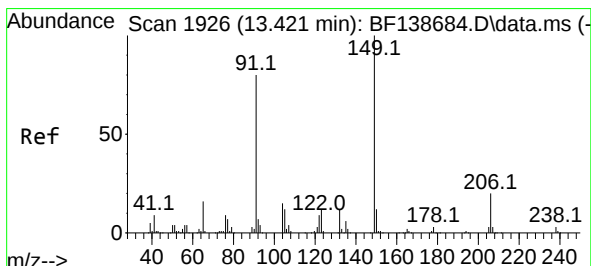
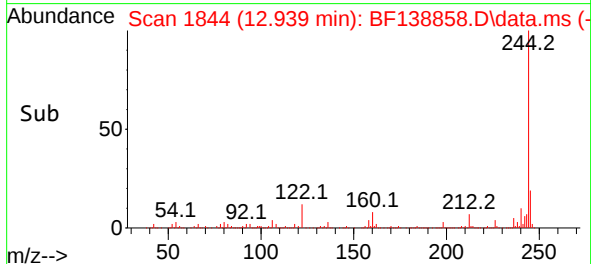
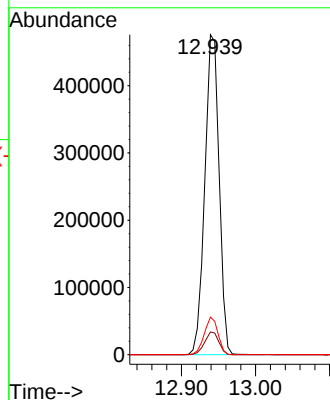
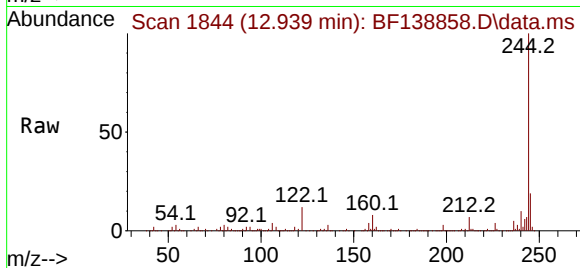




#79
 Terphenyl-d14
 Concen: 113.395 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138858.D
 Acq: 08 Aug 2024 11:19

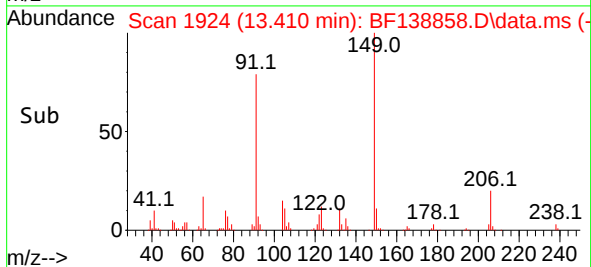
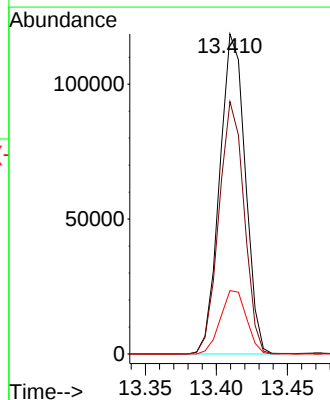
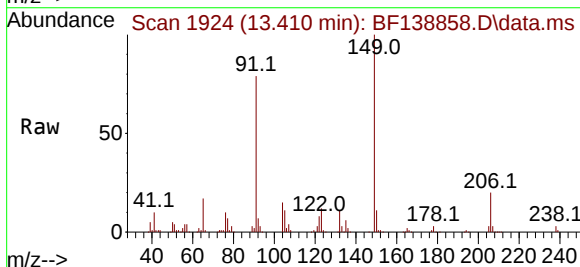
Instrument :
 BNA_F
 ClientSampleId :
 PB162396BS

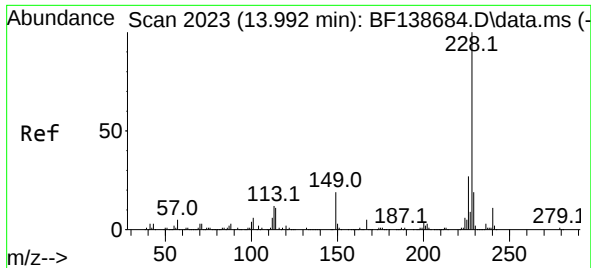
Tgt Ion:244 Resp: 638139
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.7 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 52.377 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138858.D
 Acq: 08 Aug 2024 11:19

Tgt Ion:149 Resp: 148793
 Ion Ratio Lower Upper
 149 100
 91 78.8 63.7 95.5
 206 19.8 16.2 24.2

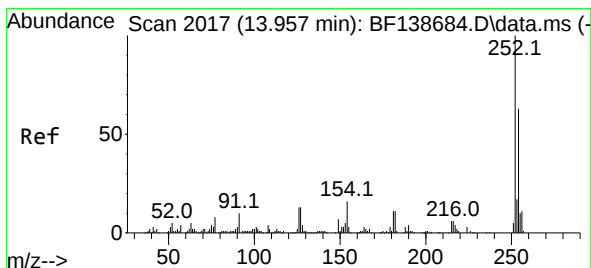
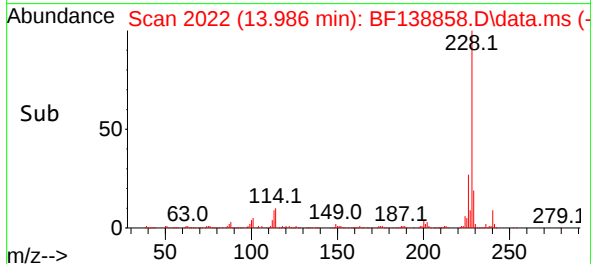
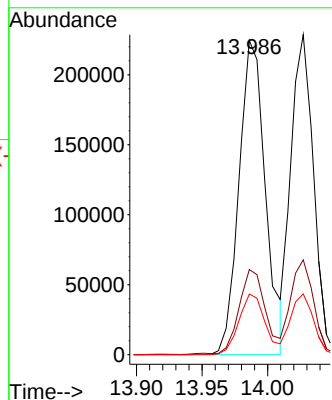
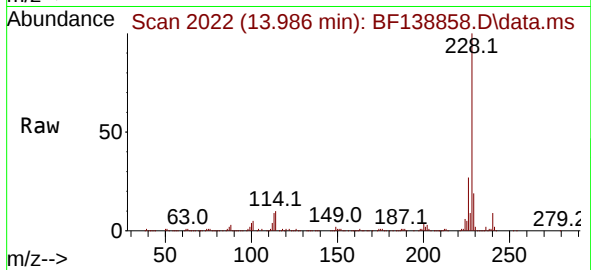




#81
Benzo(a)anthracene
Concen: 48.613 ng
RT: 13.986 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

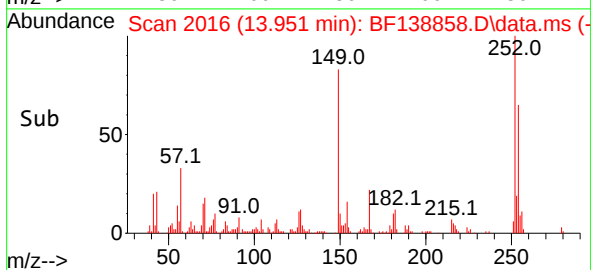
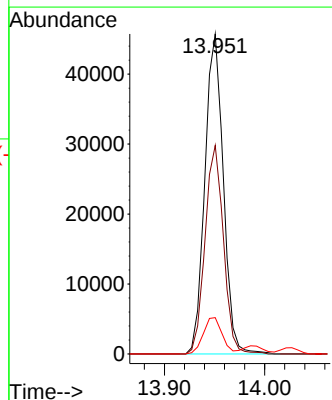
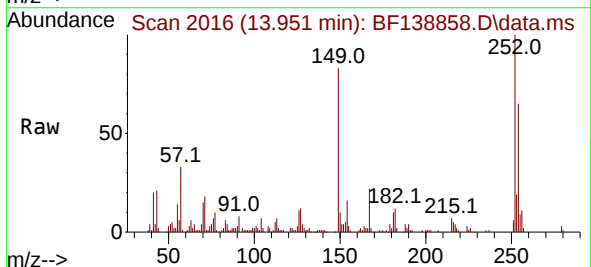
Instrument :
BNA_F
ClientSampleId :
PB162396BS

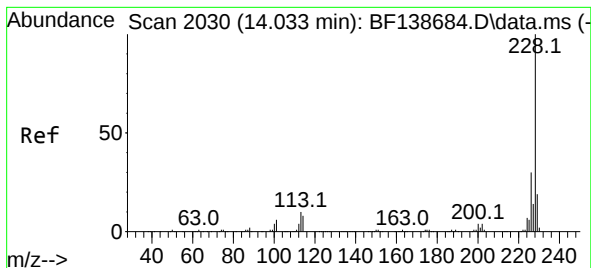
Tgt Ion:228 Resp: 315413
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.3 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 35.387 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:252 Resp: 58755
Ion Ratio Lower Upper
252 100
254 65.1 50.8 76.2
126 11.3 10.2 15.2





#83

Chrysene

Concen: 46.658 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

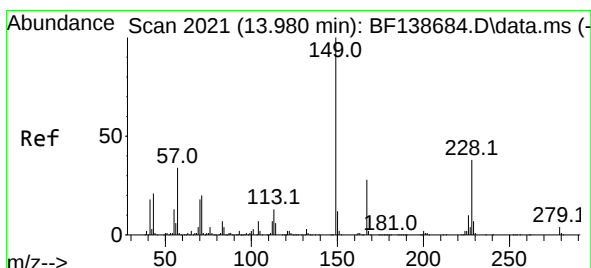
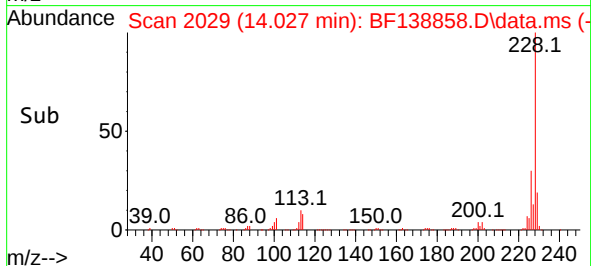
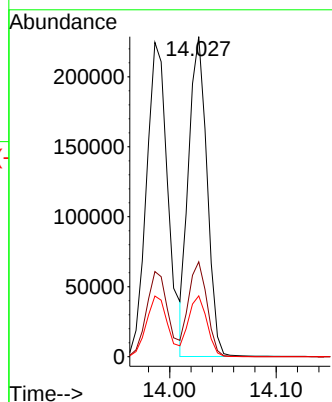
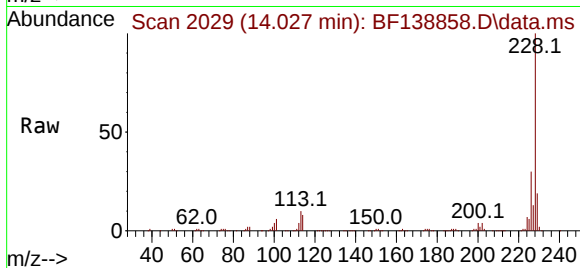
Tgt Ion:228 Resp: 273117

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.0 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.426 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

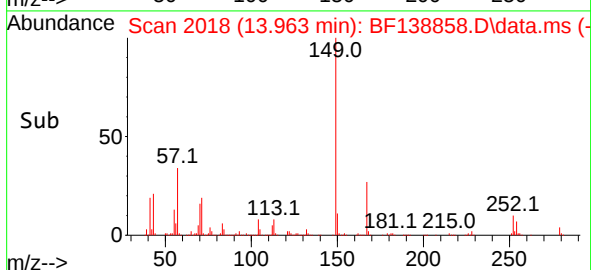
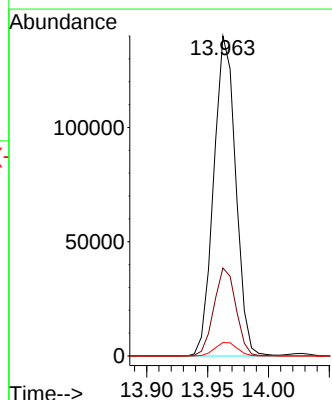
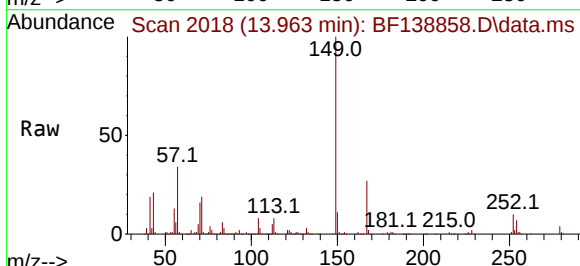
Tgt Ion:149 Resp: 176488

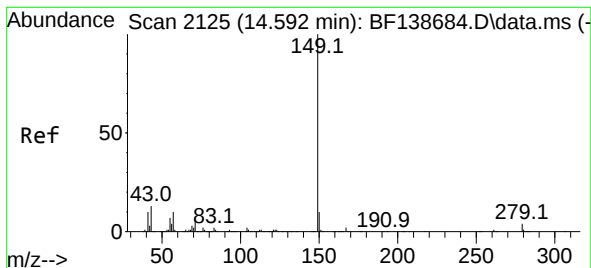
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 37.161 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF138858.D

Acq: 08 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

PB162396BS

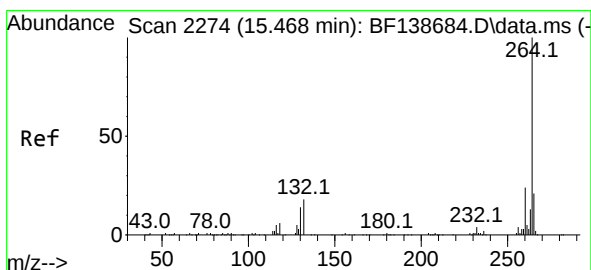
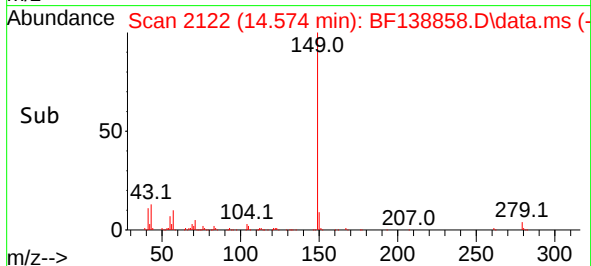
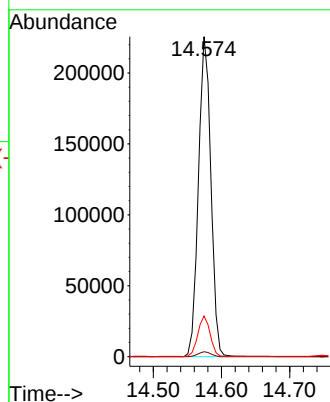
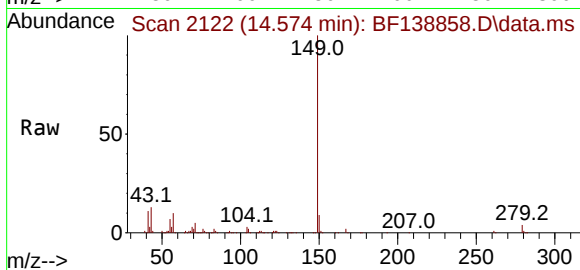
Tgt Ion:149 Resp: 286009

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: BF138858.D

Acq: 08 Aug 2024 11:19

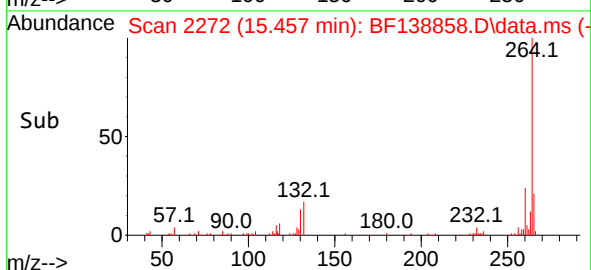
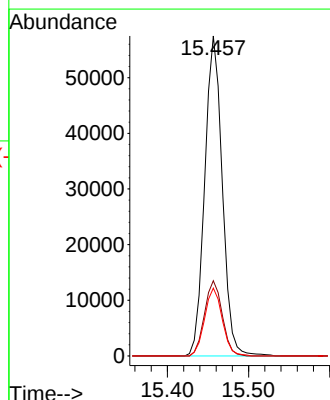
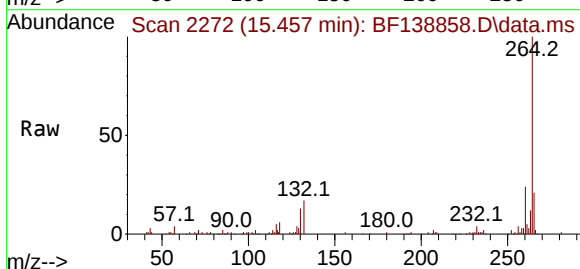
Tgt Ion:264 Resp: 86275

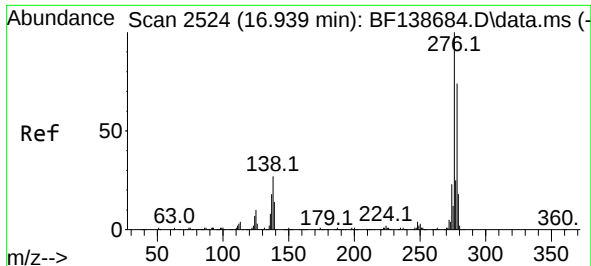
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.2 17.0 25.6

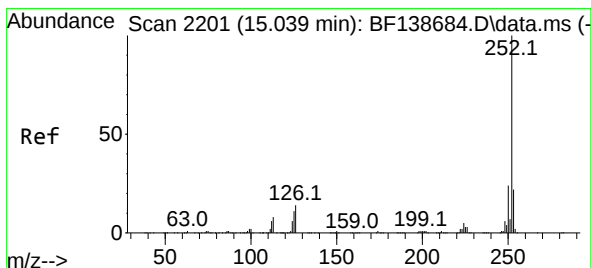
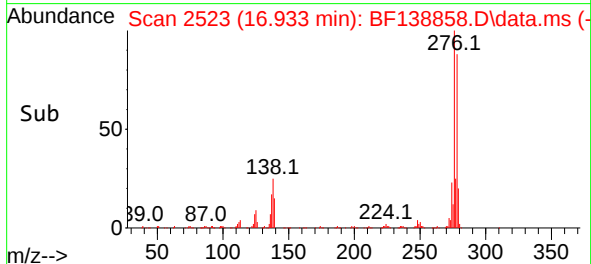
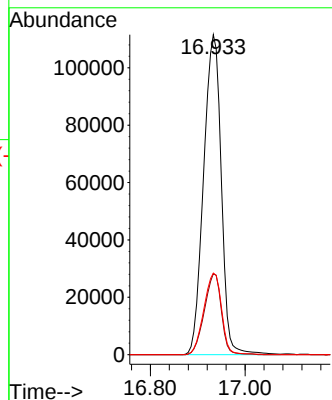
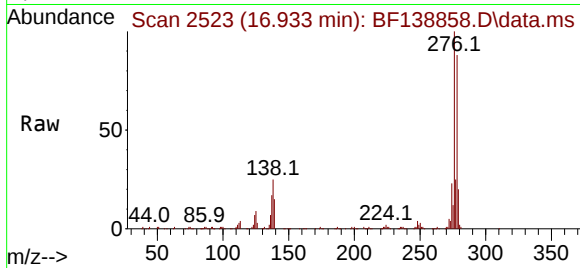




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.753 ng
RT: 16.933 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

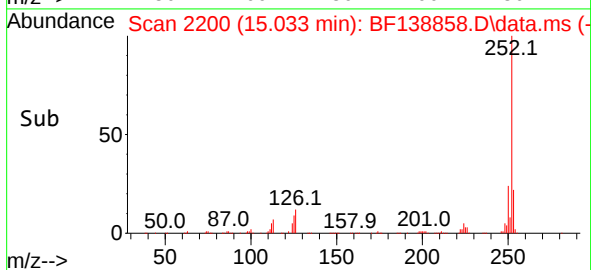
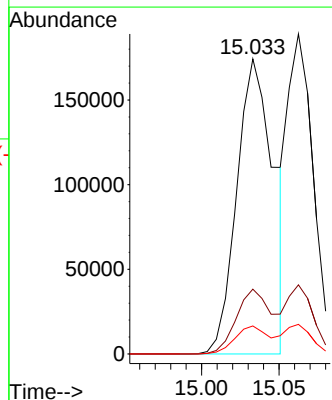
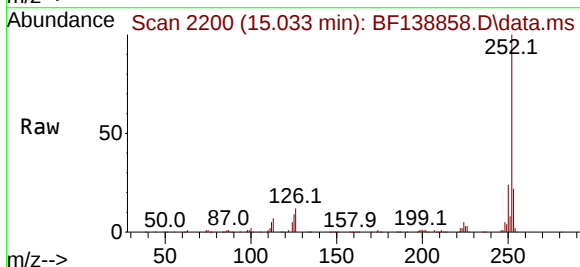
Instrument :
BNA_F
ClientSampleId :
PB162396BS

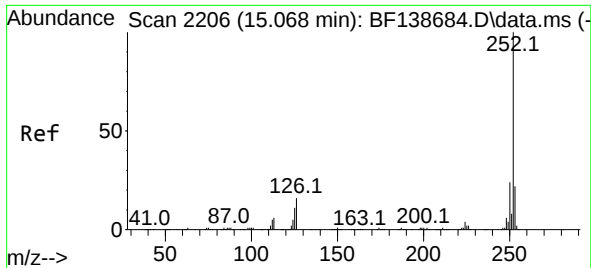
Tgt Ion:276 Resp: 289065
Ion Ratio Lower Upper
276 100
138 24.2 21.8 32.8
277 25.6 20.6 30.8



#88
Benzo(b)fluoranthene
Concen: 53.786 ng
RT: 15.033 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:252 Resp: 287658
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.5 8.9 13.3

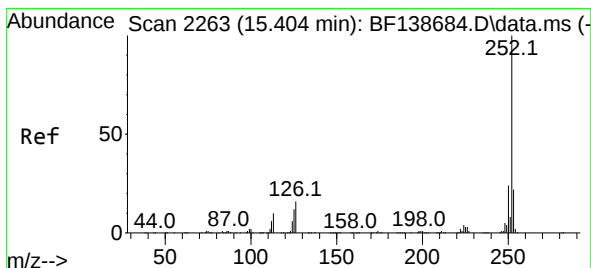
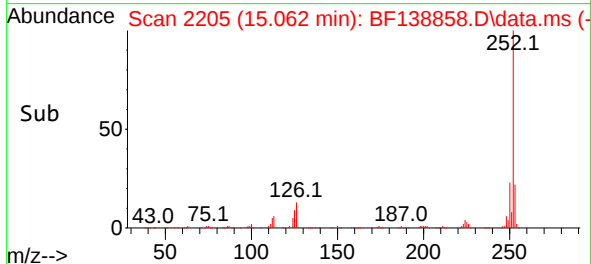
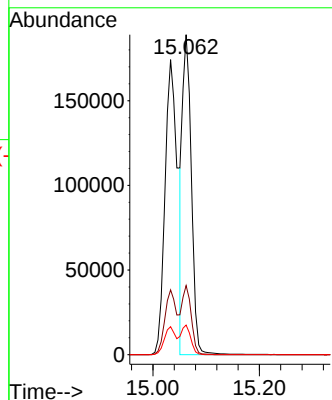
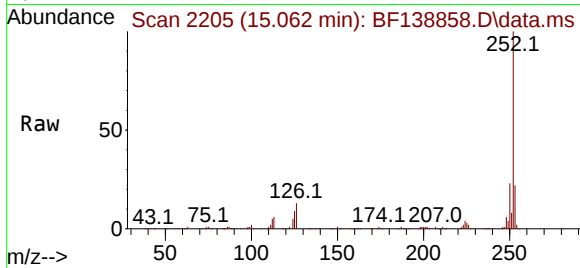




#89
Benzo(k)fluoranthene
Concen: 47.521 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

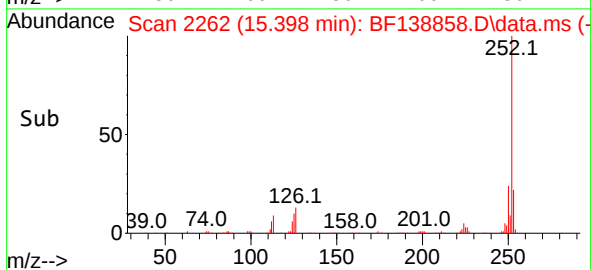
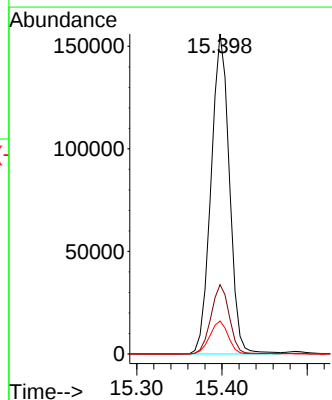
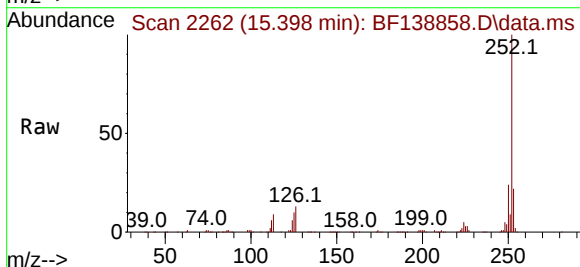
Instrument :
BNA_F
ClientSampleId :
PB162396BS

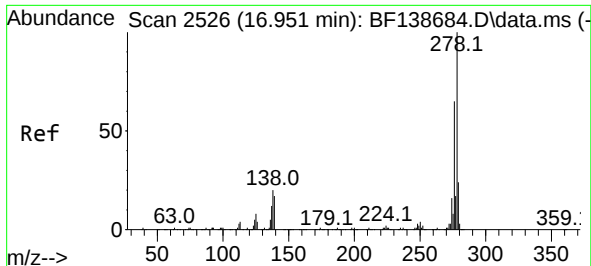
Tgt Ion:252 Resp: 220049
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.3 8.6 13.0



#90
Benzo(a)pyrene
Concen: 51.891 ng
RT: 15.398 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:252 Resp: 233439
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.3 9.5 14.3

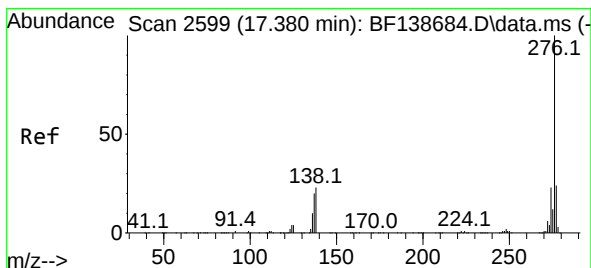
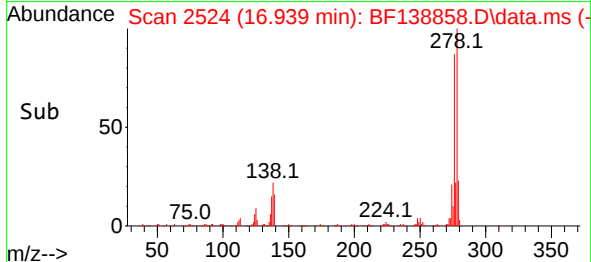
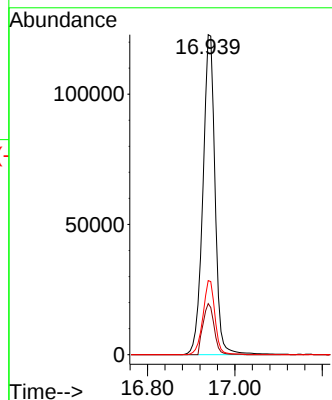
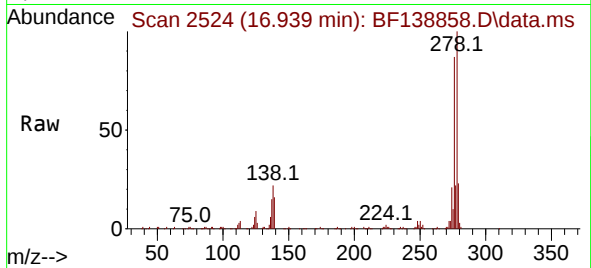




#91
Dibenzo(a,h)anthracene
Concen: 46.935 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Instrument :
BNA_F
ClientSampleId :
PB162396BS

Tgt Ion:278 Resp: 238208
Ion Ratio Lower Upper
278 100
139 15.9 14.0 21.0
279 23.1 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 42.213 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.006 min
Lab File: BF138858.D
Acq: 08 Aug 2024 11:19

Tgt Ion:276 Resp: 222322
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 19.8 18.5 27.7

