

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061224\
 Data File : BF138197.D
 Acq On : 12 Jun 2024 16:46
 Operator : CG\JU
 Sample : PB161404BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161404BS

Quant Time: Jun 13 02:14:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	406946	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1618370	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	898450	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1546432	20.000	ng	0.00
76) Chrysene-d12	14.051	240	939838	20.000	ng	0.00
86) Perylene-d12	15.521	264	784839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2800625	115.125	ng	0.02
7) Phenol-d6	6.528	99	3586719	116.273	ng	0.00
23) Nitrobenzene-d5	7.457	82	2193933	78.921	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1091281	122.009	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4162562	73.672	ng	0.00
79) Terphenyl-d14	12.998	244	4449504	74.984	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	359870	32.325	ng	99
3) Pyridine	3.546	79	865092	32.695	ng	99
4) n-Nitrosodimethylamine	3.505	42	506710	41.379	ng	99
6) Aniline	6.557	93	813159	26.941	ng	97
8) 2-Chlorophenol	6.681	128	1166077	44.337	ng	99
9) Benzaldehyde	6.446	77	574586	35.070	ng	100
10) Phenol	6.540	94	1403812	44.843	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	1069857	42.701	ng	99
12) 1,3-Dichlorobenzene	6.834	146	1172249	39.219	ng	99
13) 1,4-Dichlorobenzene	6.910	146	1197710	39.818	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1157339	40.986	ng	99
15) Benzyl Alcohol	7.034	79	941641	45.273	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1526812	43.179	ng	99
17) 2-Methylphenol	7.145	107	906091	43.666	ng	99
18) Hexachloroethane	7.404	117	422225	41.434	ng	94
19) n-Nitroso-di-n-propyla...	7.310	70	792471	43.340	ng	99
20) 3+4-Methylphenols	7.298	107	1113862	42.647	ng	97
22) Acetophenone	7.304	105	1508180	40.795	ng	98
24) Nitrobenzene	7.475	77	1152693	40.119	ng	99
25) Isophorone	7.716	82	2134758	42.455	ng	99
26) 2-Nitrophenol	7.792	139	583754	50.527	ng	98
27) 2,4-Dimethylphenol	7.828	122	846666	48.169	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	1330565	42.272	ng	99
29) 2,4-Dichlorophenol	8.028	162	980005	43.306	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	1061619	39.779	ng	99
31) Naphthalene	8.198	128	3189106	39.852	ng	99
32) Benzoic acid	7.957	122	733829	47.369	ng	97
33) 4-Chloroaniline	8.245	127	608105	20.331	ng	98
34) Hexachlorobutadiene	8.310	225	598525	38.347	ng	98
35) Caprolactam	8.616	113	162333	23.761	ng	94
36) 4-Chloro-3-methylphenol	8.722	107	982779	43.618	ng	95
37) 2-Methylnaphthalene	8.887	142	2145352	40.849	ng	98
38) 1-Methylnaphthalene	8.986	142	2012070	39.095	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	1056385	40.237	ng	99
41) Hexachlorocyclopentadiene	9.039	237	885750	103.466	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	732430	44.554	ng	100

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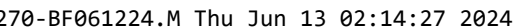
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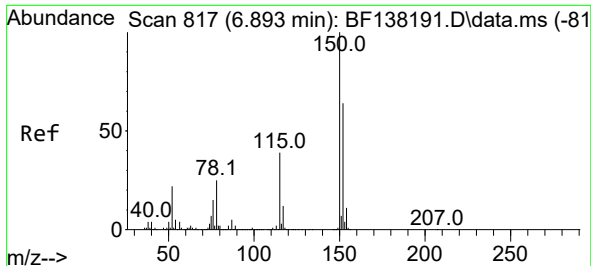
Quant Time: Jun 13 02:14:22 2024
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	751836	41.646	ng	99
46) 1,1'-Biphenyl	9.351	154	2638669	40.024	ng	99
47) 2-Chloronaphthalene	9.375	162	2065729	39.647	ng	99
48) 2-Nitroaniline	9.475	65	599143	47.749	ng	90
49) Acenaphthylene	9.792	152	3169301	43.379	ng	99
50) Dimethylphthalate	9.657	163	2350327	42.696	ng	99
51) 2,6-Dinitrotoluene	9.716	165	543503	45.511	ng	88
52) Acenaphthene	9.963	154	1986164	39.867	ng	99
53) 3-Nitroaniline	9.881	138	406981	31.901	ng	99
54) 2,4-Dinitrophenol	9.986	184	555700	88.128	ng	97
55) Dibenzofuran	10.139	168	2849946	40.921	ng	99
56) 4-Nitrophenol	10.045	139	960347	95.254	ng	91
57) 2,4-Dinitrotoluene	10.116	165	711074	48.275	ng #	86
58) Fluorene	10.481	166	2200026	40.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	631627	44.768	ng	99
60) Diethylphthalate	10.357	149	2236792	42.813	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	1097782	40.254	ng	98
62) 4-Nitroaniline	10.498	138	534816	41.957	ng	99
63) Azobenzene	10.633	77	2217013	42.356	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	370949	47.208	ng	93
66) n-Nitrosodiphenylamine	10.592	169	1974559	41.706	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	734444	42.147	ng	97
68) Hexachlorobenzene	11.022	284	829227	40.777	ng	99
69) Atrazine	11.116	200	641956	47.605	ng	98
70) Pentachlorophenol	11.216	266	987375	83.253	ng	98
71) Phenanthrene	11.439	178	3193377	41.756	ng	99
72) Anthracene	11.492	178	3180828	41.891	ng	98
73) Carbazole	11.645	167	2891953	41.526	ng	99
74) Di-n-butylphthalate	11.975	149	3164681	43.895	ng	100
75) Fluoranthene	12.627	202	3223302	41.333	ng	97
77) Benzidine	12.745	184	94607	8.703	ng	99
78) Pyrene	12.857	202	3306547	40.788	ng	98
80) Butylbenzylphthalate	13.474	149	1174968	53.285	ng	98
81) Benzo(a)anthracene	14.039	228	2533742	42.022	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	644790	38.833	ng	99
83) Chrysene	14.080	228	2435164	42.371	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	1378288	53.742	ng	99
85) Di-n-octyl phthalate	14.645	149	1865605	48.965	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	2486578	48.600	ng	99
88) Benzo(b)fluoranthene	15.092	252	2180428	47.111	ng	99
89) Benzo(k)fluoranthene	15.121	252	2156128	47.535	ng	99
90) Benzo(a)pyrene	15.463	252	1962946	49.368	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	2049655	48.806	ng	100
92) Benzo(g,h,i)perylene	17.457	276	1978199	45.533	ng	98

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

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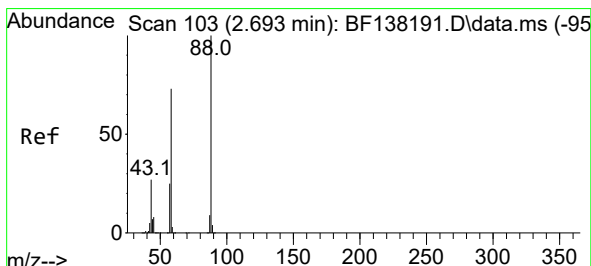
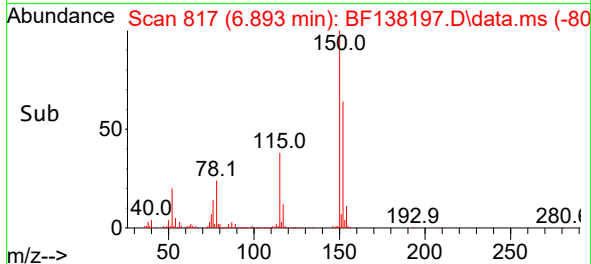
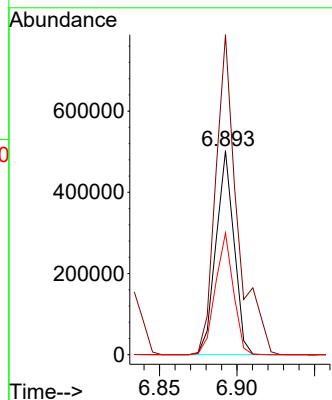
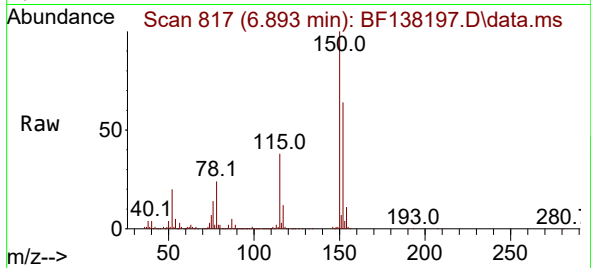




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138197.D
 Acq: 12 Jun 2024 16:46

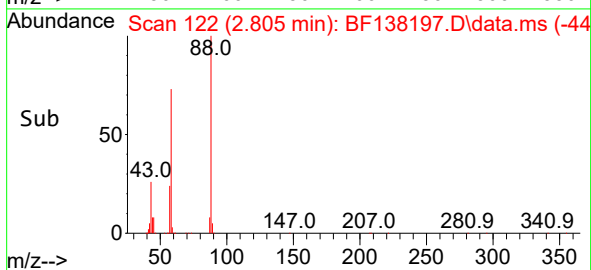
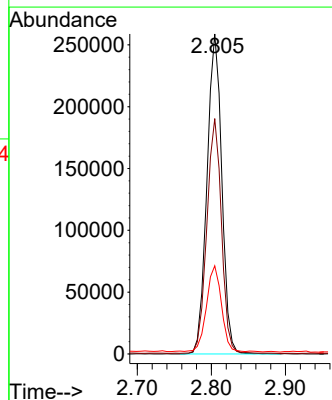
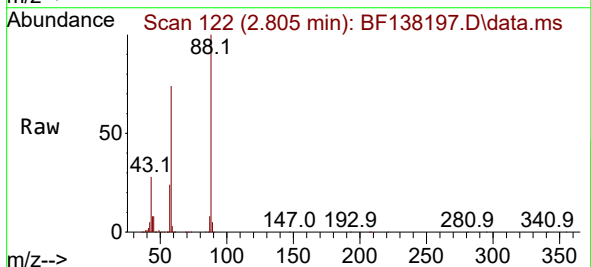
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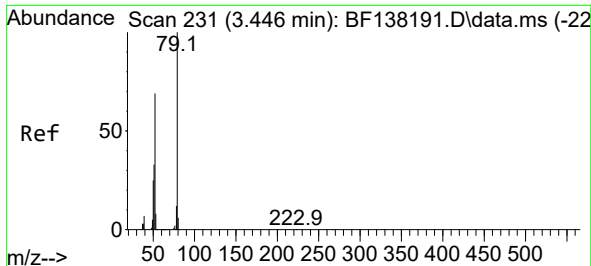
Tgt Ion:152 Resp: 406946
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.0 187.4
 115 59.6 48.4 72.6



#2
 1,4-Dioxane
 Concen: 32.325 ng
 RT: 2.805 min Scan# 122
 Delta R.T. 0.112 min
 Lab File: BF138197.D
 Acq: 12 Jun 2024 16:46

Tgt Ion: 88 Resp: 359870
 Ion Ratio Lower Upper
 88 100
 58 72.5 58.6 87.8
 43 27.0 22.4 33.6





#3

Pyridine

Concen: 32.695 ng

RT: 3.546 min Scan# 241

Delta R.T. 0.100 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

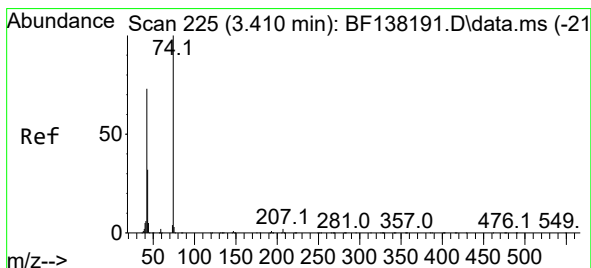
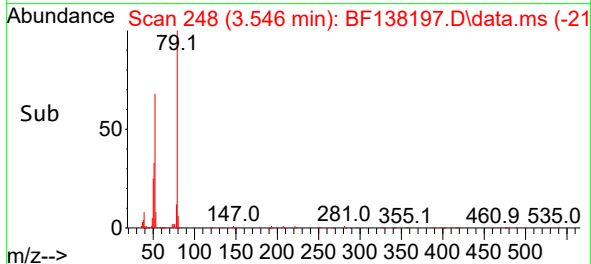
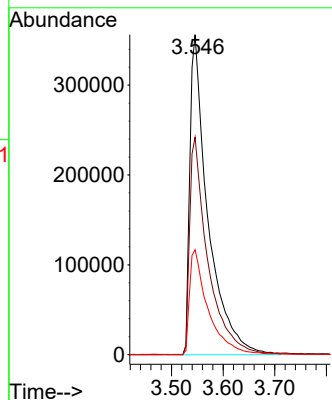
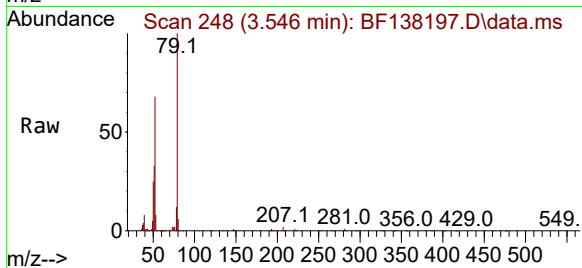
Tgt Ion: 79 Resp: 865092

Ion Ratio Lower Upper

79 100

52 67.9 55.0 82.4

51 32.8 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 41.379 ng

RT: 3.505 min Scan# 241

Delta R.T. 0.094 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

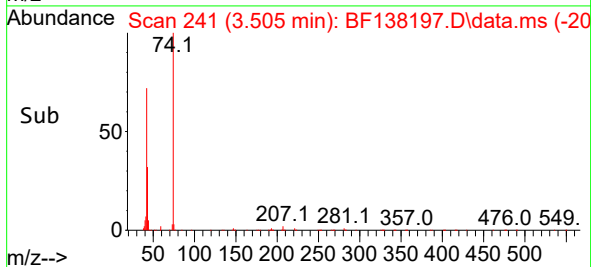
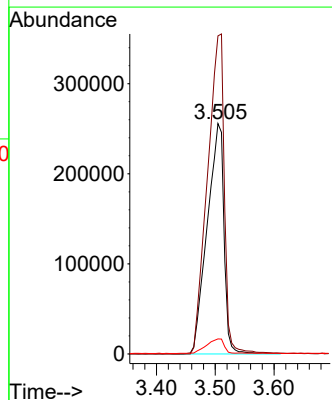
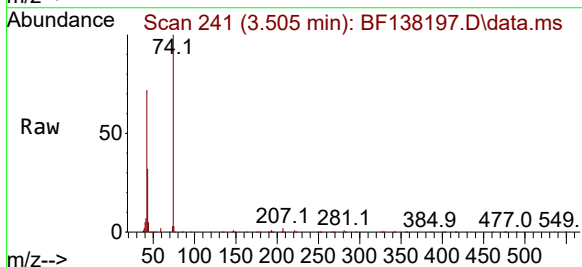
Tgt Ion: 42 Resp: 506710

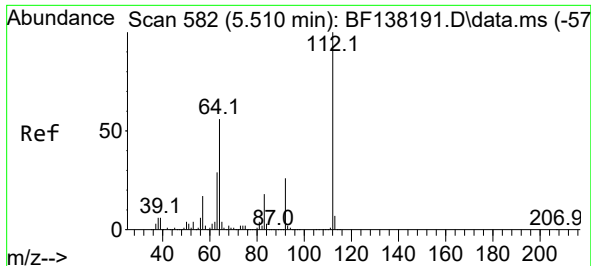
Ion Ratio Lower Upper

42 100

74 138.1 109.9 164.9

44 6.6 5.2 7.8

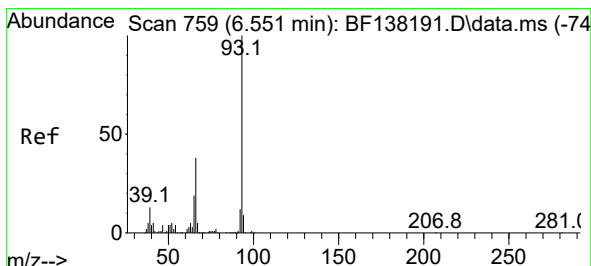
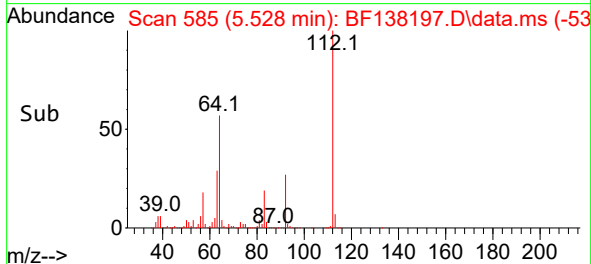
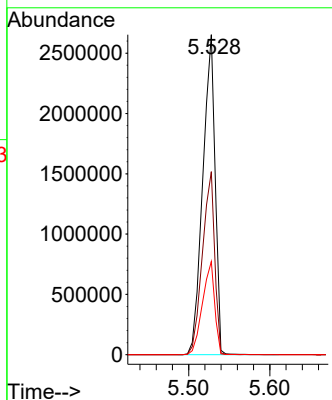
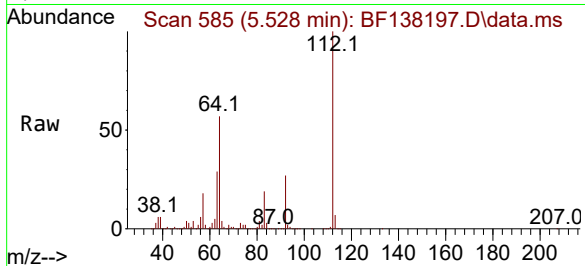




#5
2-Fluorophenol
Concen: 115.125 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

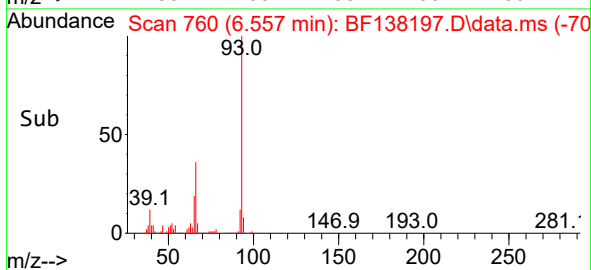
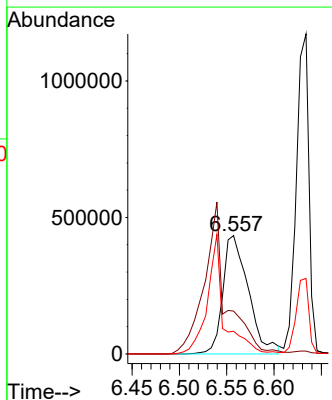
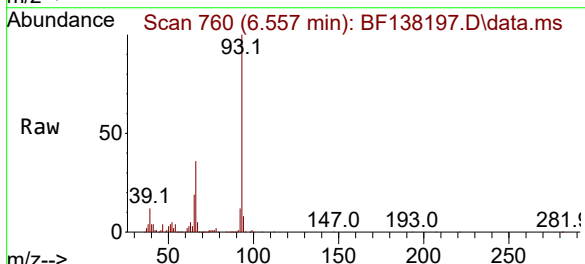
Instrument :
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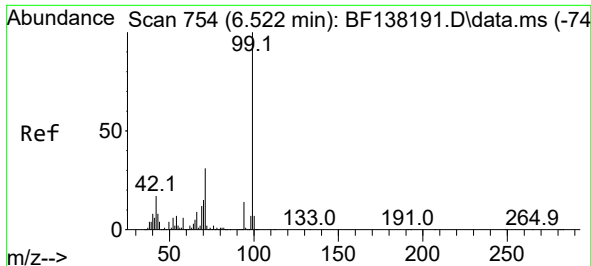
Tgt Ion:112 Resp: 2800625
Ion Ratio Lower Upper
112 100
64 57.2 45.2 67.8
63 29.1 22.9 34.3



#6
Aniline
Concen: 26.941 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion: 93 Resp: 813159
Ion Ratio Lower Upper
93 100
66 36.3 30.8 46.2
65 19.2 15.5 23.3

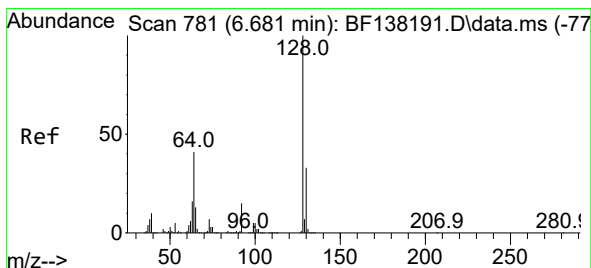
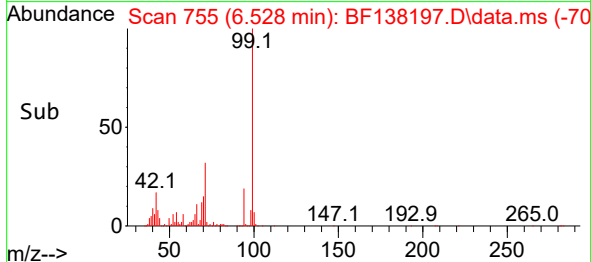
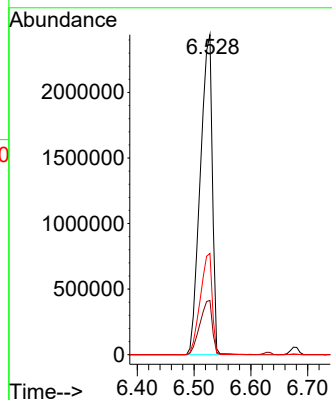
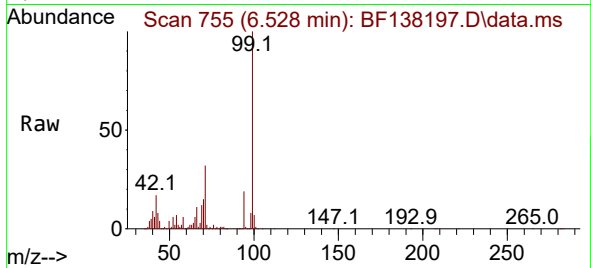




#7
Phenol-d6
Concen: 116.273 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

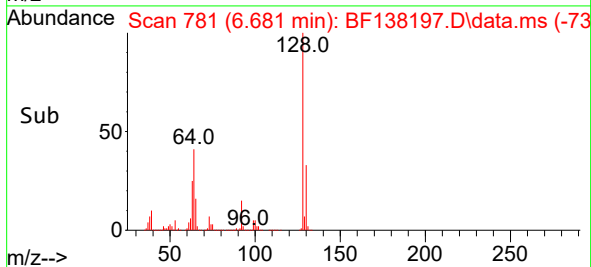
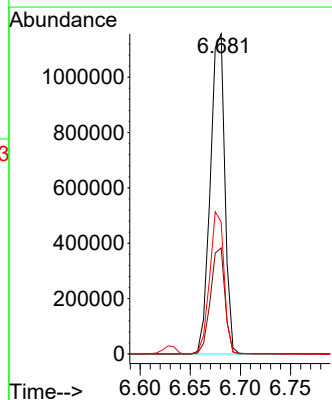
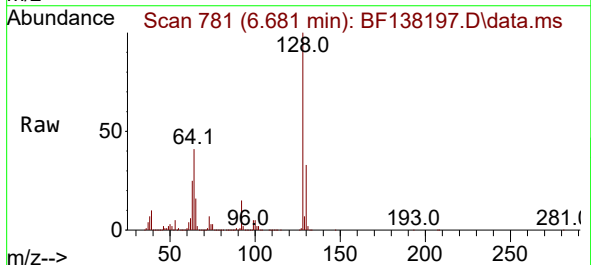
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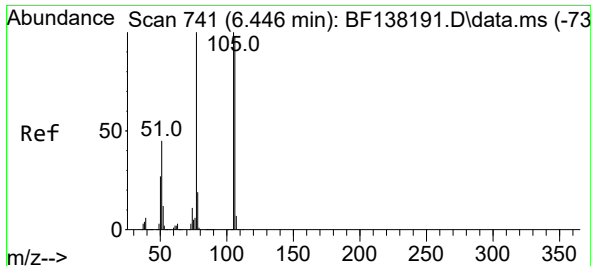
Tgt Ion: 99 Resp: 3586719
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 31.7 25.0 37.6



#8
2-Chlorophenol
Concen: 44.337 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion: 128 Resp: 1166077
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 41.2 21.8 61.8

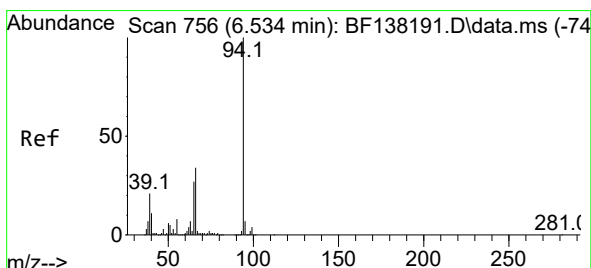
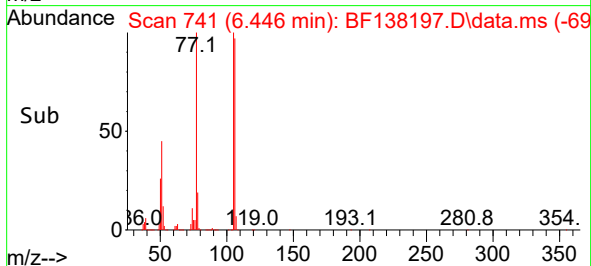
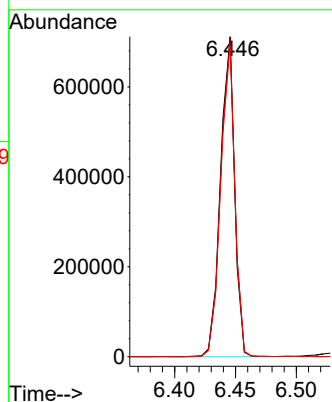
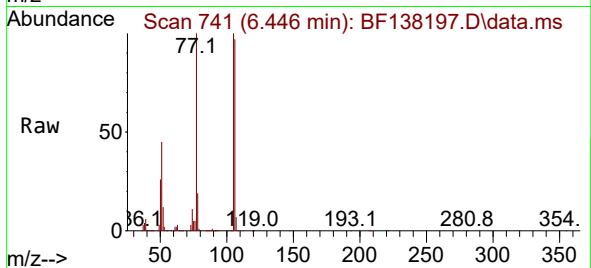




#9
Benzaldehyde
Concen: 35.070 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

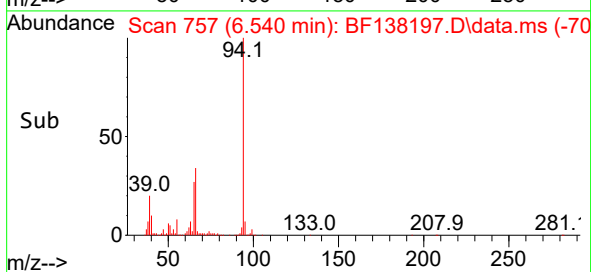
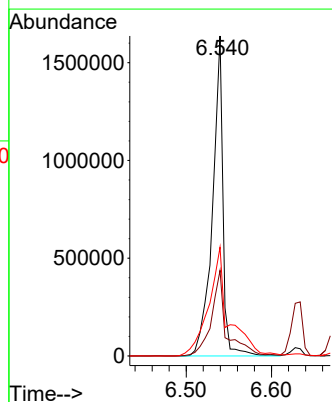
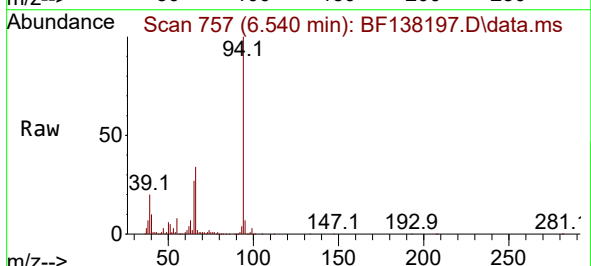
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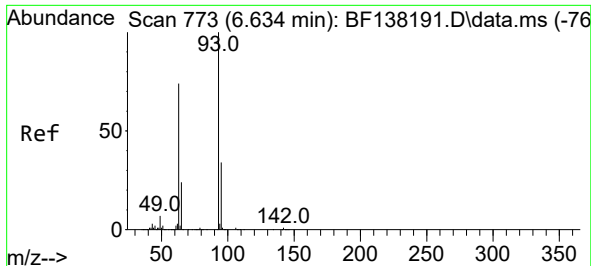
Tgt Ion: 77 Resp: 574586
Ion Ratio Lower Upper
77 100
105 100.1 80.1 120.1
106 97.6 77.8 117.8



#10
Phenol
Concen: 44.843 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion: 94 Resp: 1403812
Ion Ratio Lower Upper
94 100
65 26.7 6.8 46.8
66 34.0 14.2 54.2

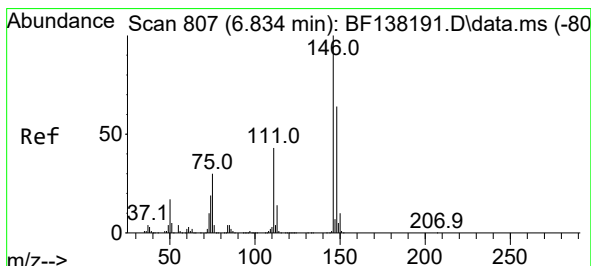
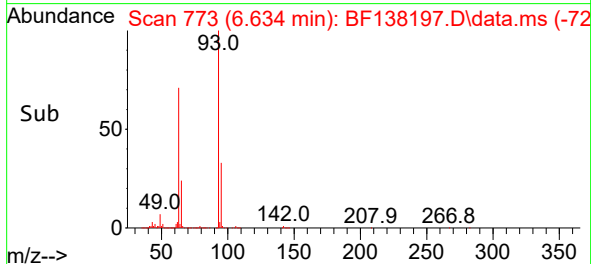
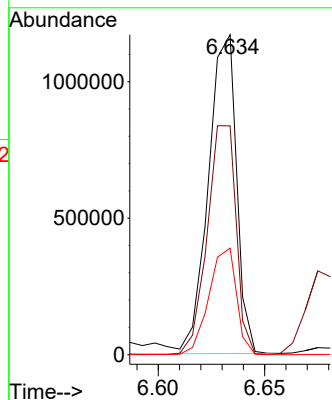
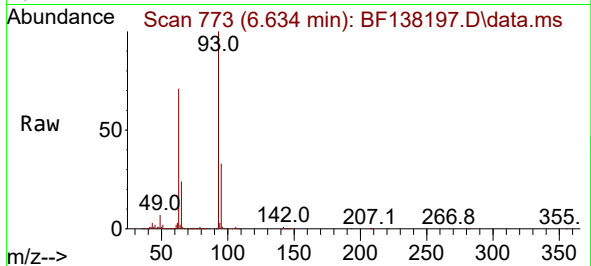




#11
bis(2-Chloroethyl)ether
Concen: 42.701 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

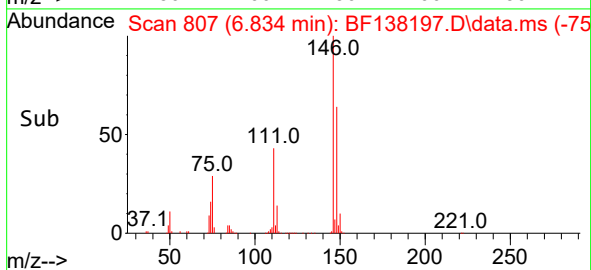
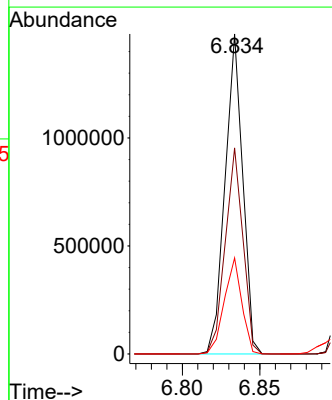
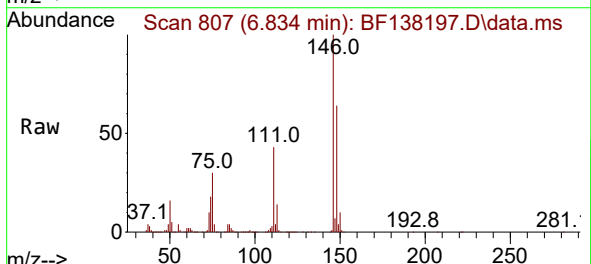
Instrument :
BNA_F
ClientSampleId :
PB161404BS

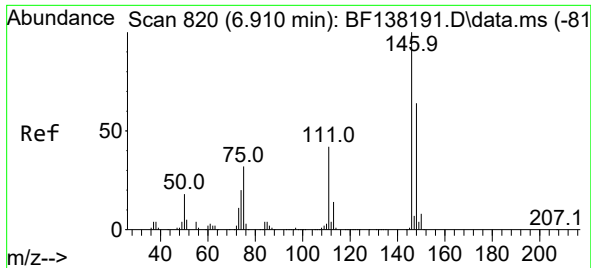
Tgt Ion: 93 Resp: 1069857
Ion Ratio Lower Upper
93 100
63 71.5 52.5 92.5
95 33.3 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 39.219 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion: 146 Resp: 1172249
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
75 30.0 24.3 36.5

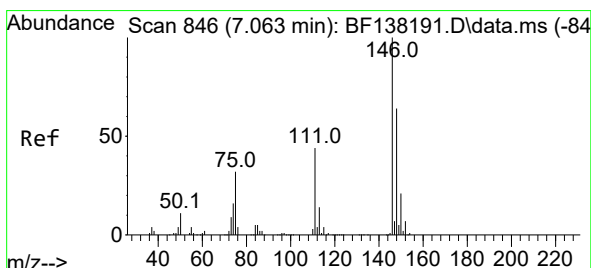
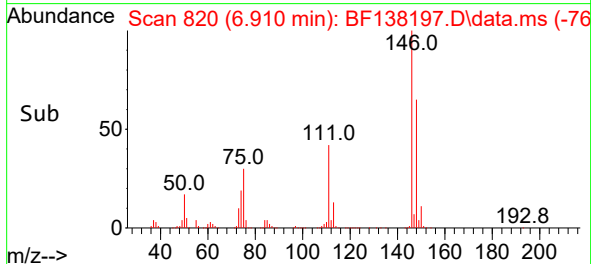
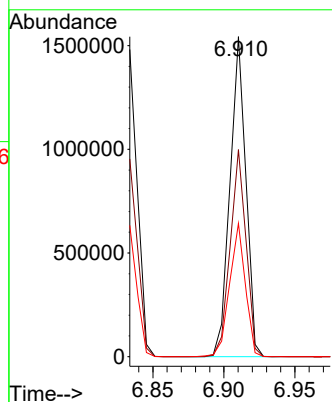
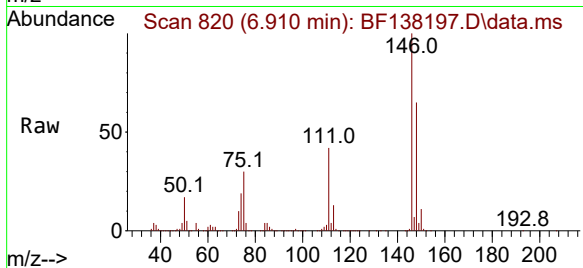




#13
1,4-Dichlorobenzene
Concen: 39.818 ng
RT: 6.910 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

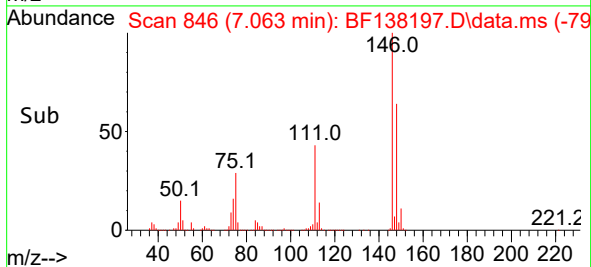
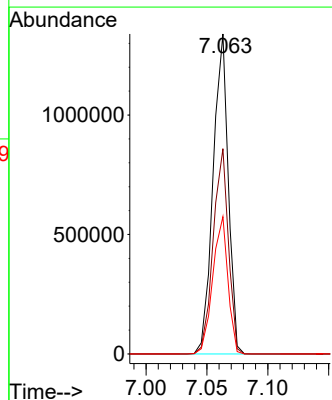
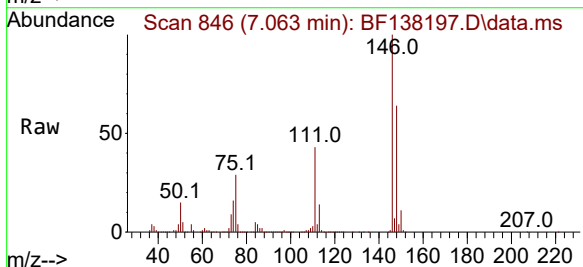
Instrument :
BNA_F
ClientSampleId :
PB161404BS

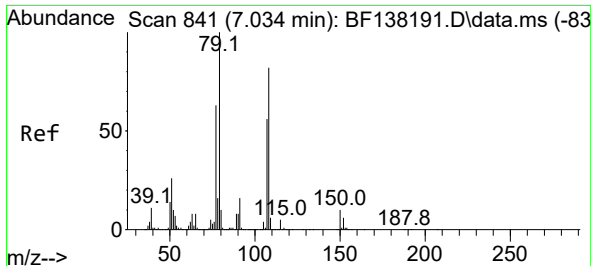
Tgt Ion:146 Resp: 1197710
Ion Ratio Lower Upper
146 100
148 64.7 51.1 76.7
111 41.6 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 40.986 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:146 Resp: 1157339
Ion Ratio Lower Upper
146 100
148 64.1 51.2 76.8
111 42.9 35.4 53.2





#15

Benzyl Alcohol

Concen: 45.273 ng

RT: 7.034 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

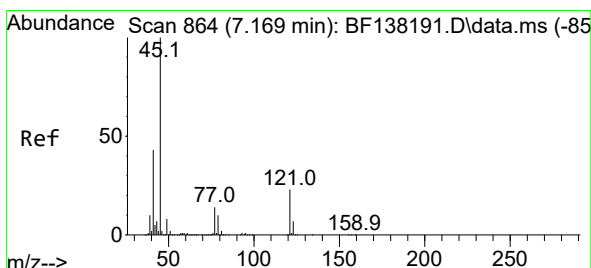
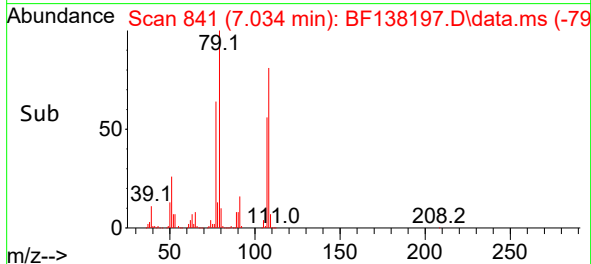
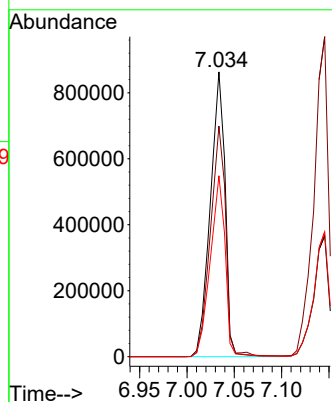
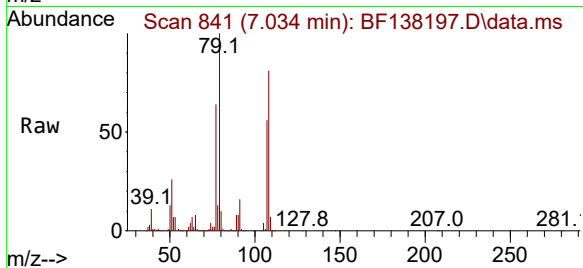
Tgt Ion: 79 Resp: 941641

Ion Ratio Lower Upper

79 100

108 81.0 65.9 98.9

77 63.5 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.179 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

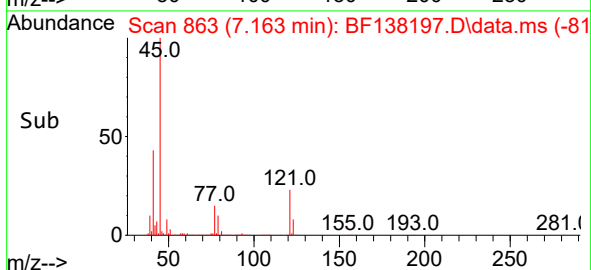
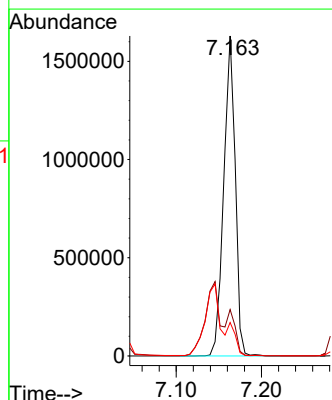
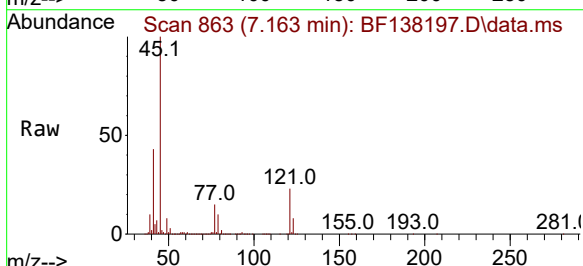
Tgt Ion: 45 Resp: 1526812

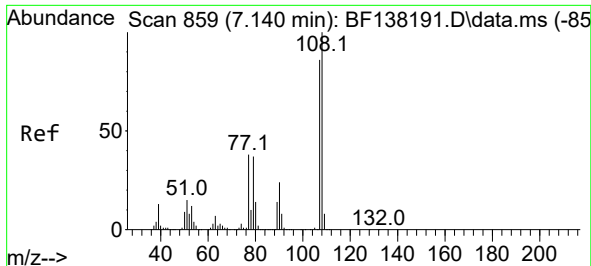
Ion Ratio Lower Upper

45 100

77 14.5 0.0 33.9

79 10.4 0.0 30.7



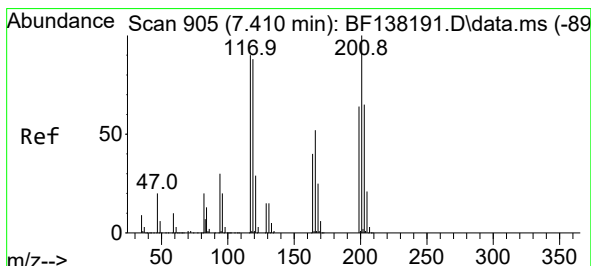
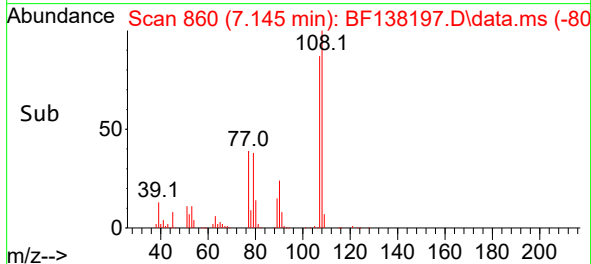
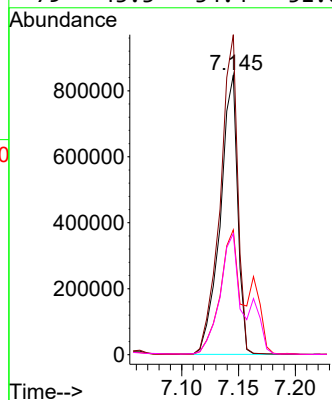
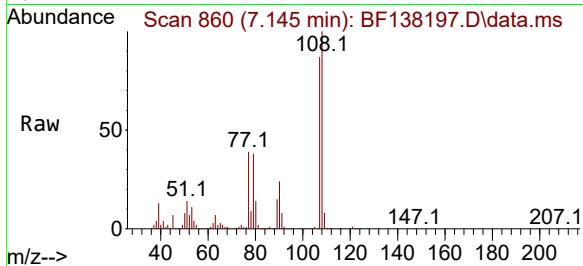


#17
2-Methylphenol
Concen: 43.666 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Instrument :
BNA_F
ClientSampleId :
PB161404BS

Tgt Ion:107 Resp: 906091

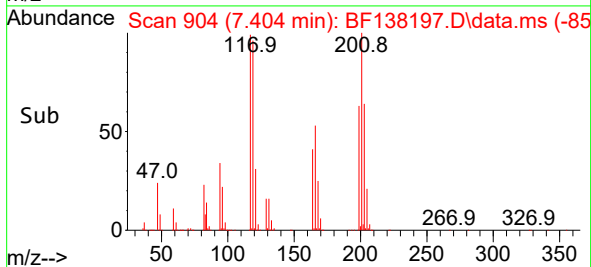
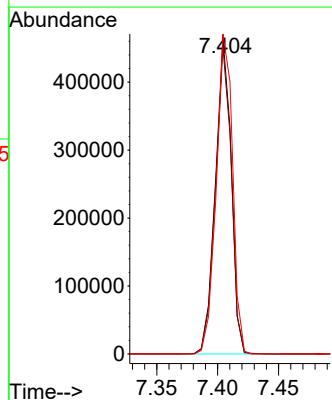
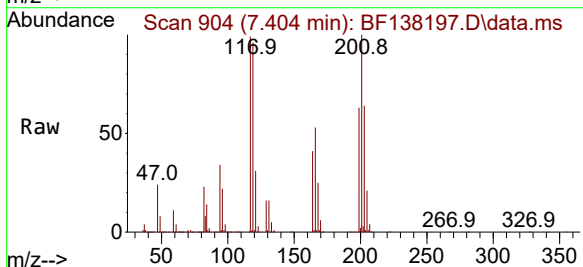
Ion	Ratio	Lower	Upper
107	100		
108	114.5	92.7	139.1
77	44.7	35.7	53.5
79	43.3	34.4	51.6

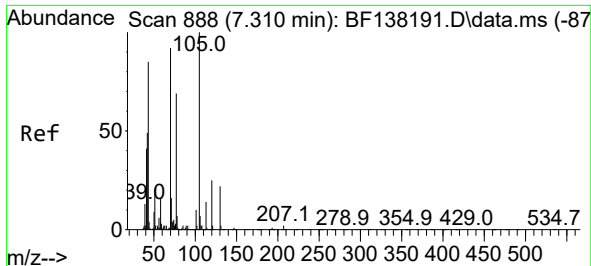


#18
Hexachloroethane
Concen: 41.434 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:117 Resp: 422225

Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.4	117.6
201	100.9	89.0	133.6

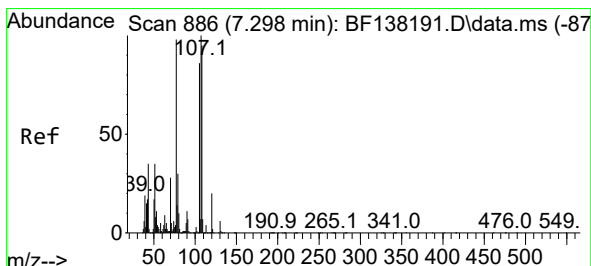
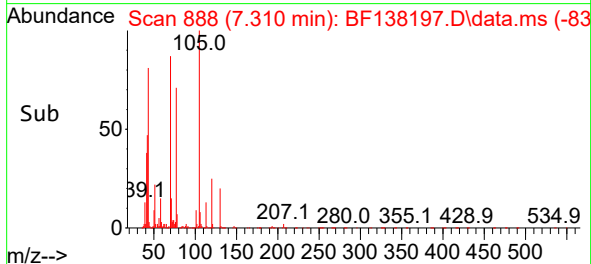
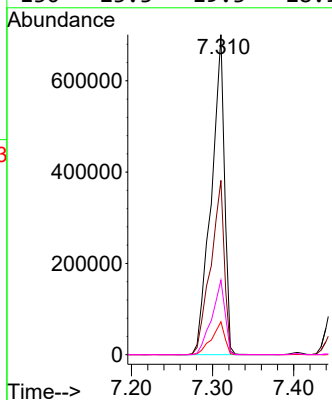
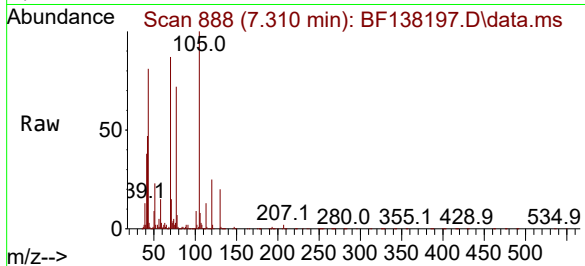




#19
n-Nitroso-di-n-propylamine
Concen: 43.340 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

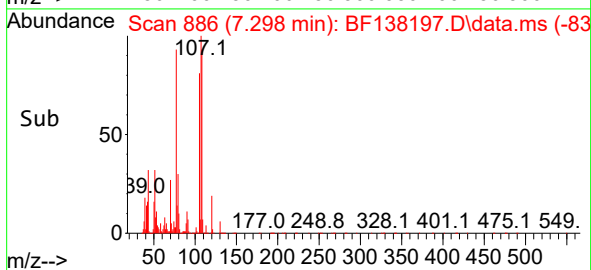
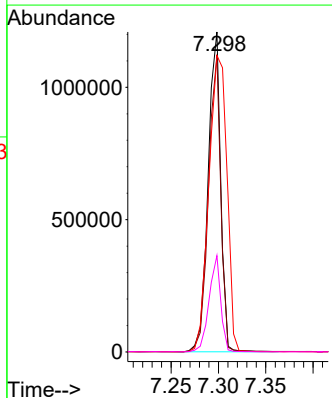
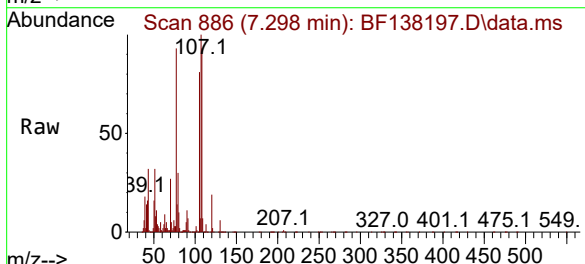
Instrument :
BNA_F
ClientSampleId :
PB161404BS

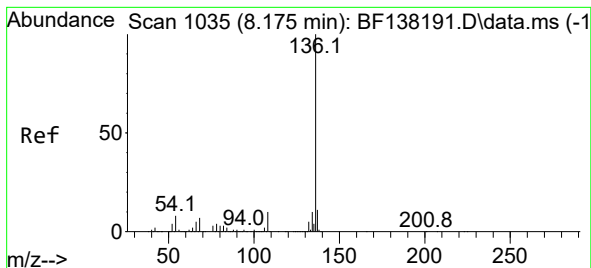
Tgt Ion:	70	Resp:	792471
Ion	Ratio	Lower	Upper
70	100		
42	54.5	42.8	64.2
101	10.3	8.4	12.6
130	23.3	19.3	28.9



#20
3+4-Methylphenols
Concen: 42.647 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:	107	Resp:	1113862
Ion	Ratio	Lower	Upper
107	100		
108	92.8	74.9	114.9
77	92.6	78.2	118.2
79	30.1	10.1	50.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

Tgt Ion:136 Resp: 1618370

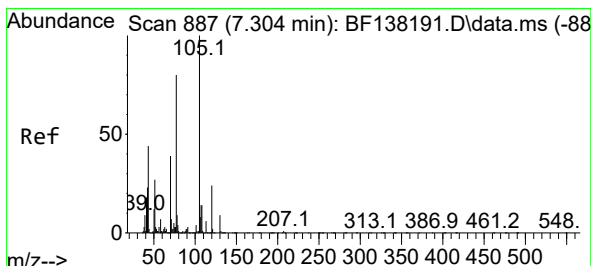
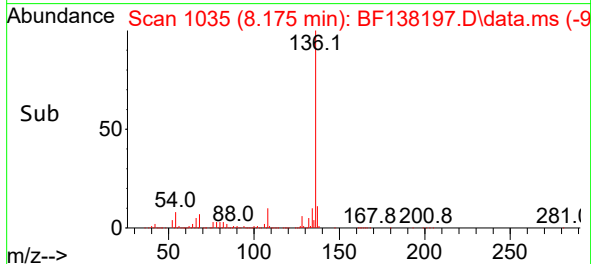
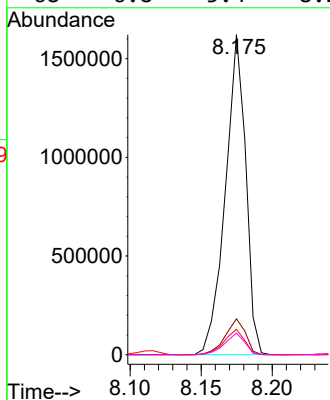
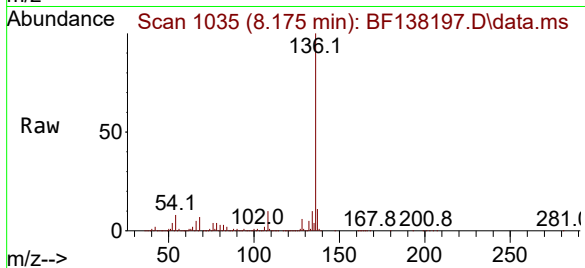
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.9 6.6 10.0

68 6.8 5.4 8.2



#22

Acetophenone

Concen: 40.795 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Tgt Ion:105 Resp: 1508180

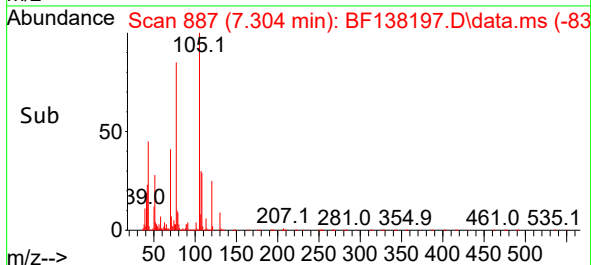
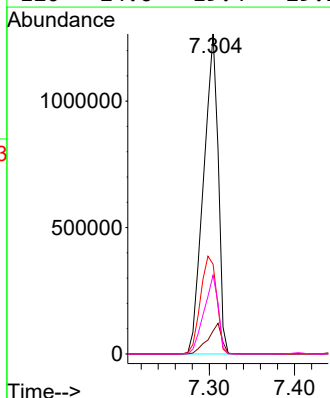
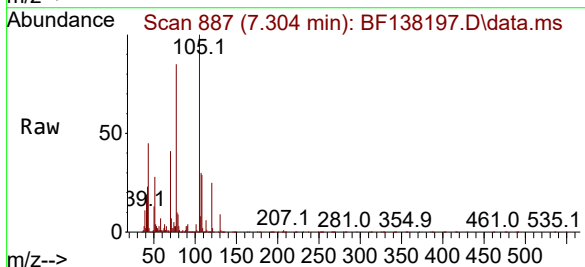
Ion Ratio Lower Upper

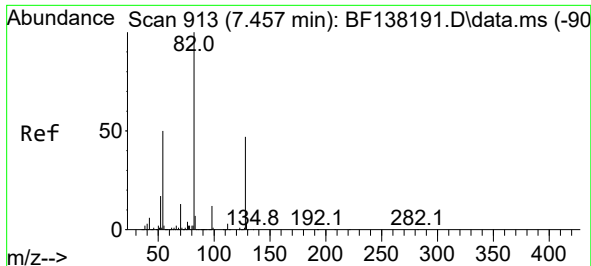
105 100

71 7.2 5.4 8.2

51 28.1 21.4 32.0

120 24.6 19.4 29.2





#23

Nitrobenzene-d5

Concen: 78.921 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

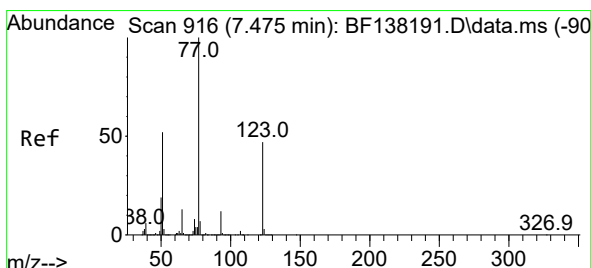
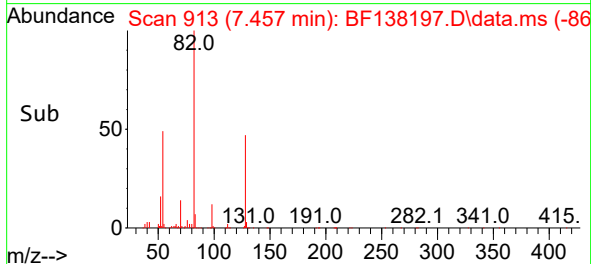
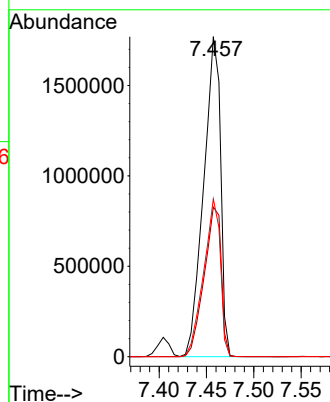
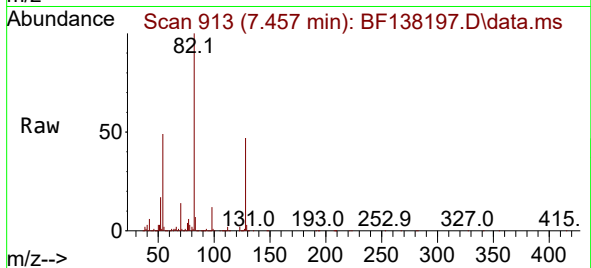
BNA_F

ClientSampleId :

PB161404BS

Tgt Ion: 82 Resp: 2193933

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.2	55.8
54	49.3	39.8	59.6



#24

Nitrobenzene

Concen: 40.119 ng

RT: 7.475 min Scan# 916

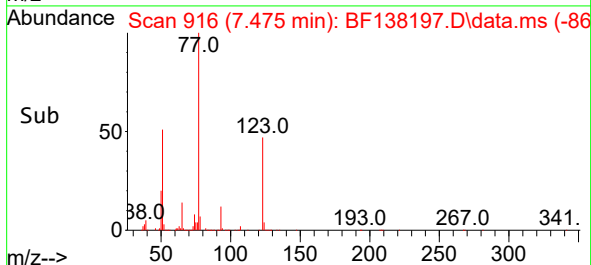
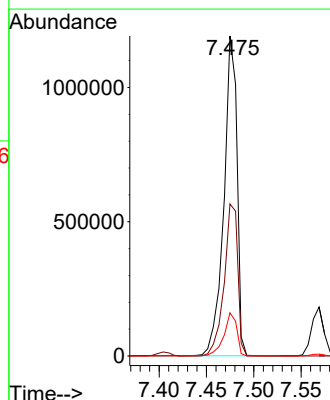
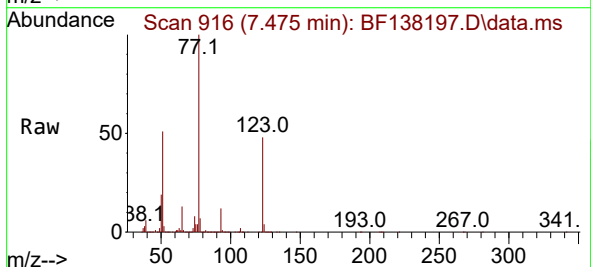
Delta R.T. -0.000 min

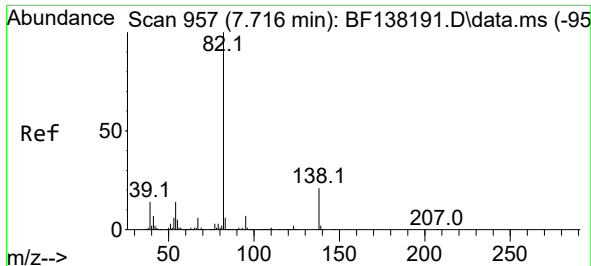
Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Tgt Ion: 77 Resp: 1152693

Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.3	55.9
65	13.5	10.6	15.8

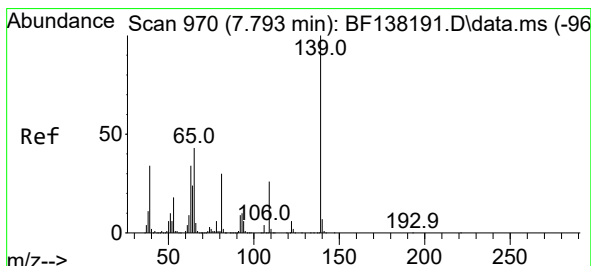
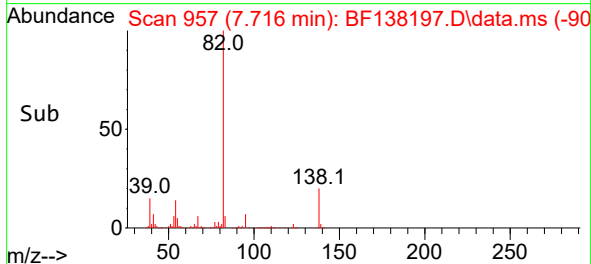
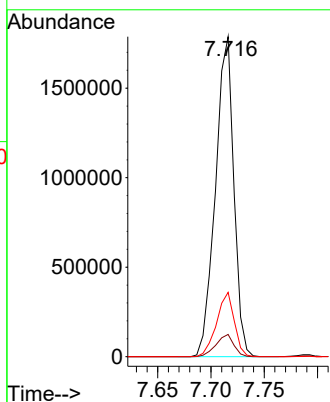
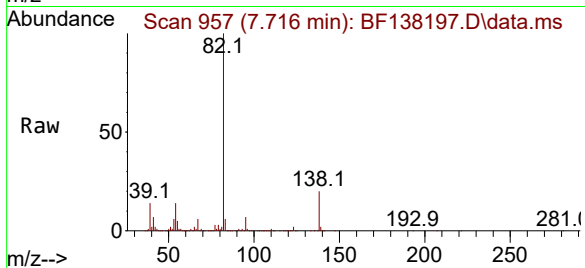




#25
Isophorone
Concen: 42.455 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

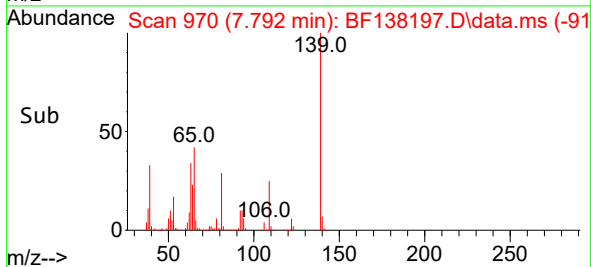
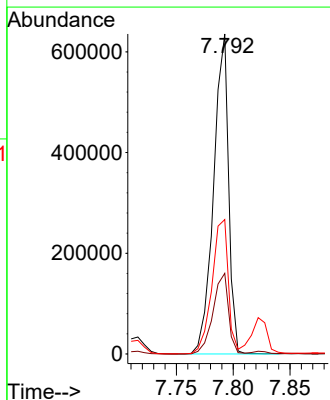
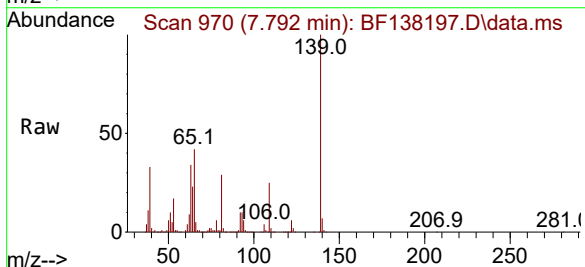
Instrument :
BNA_F
ClientSampleId :
PB161404BS

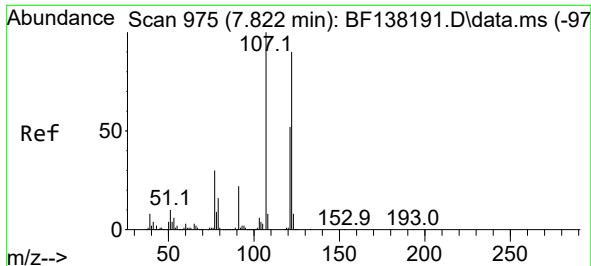
Tgt Ion: 82 Resp: 2134758
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 20.1 16.4 24.6



#26
2-Nitrophenol
Concen: 50.527 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.001 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:139 Resp: 583754
Ion Ratio Lower Upper
139 100
109 25.2 20.7 31.1
65 42.0 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 48.169 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

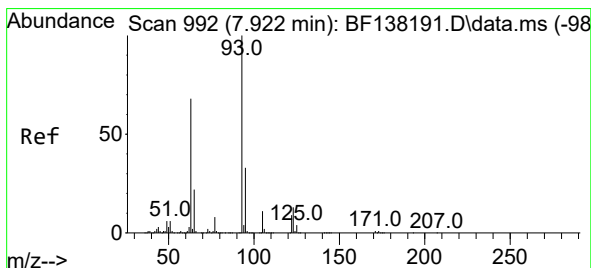
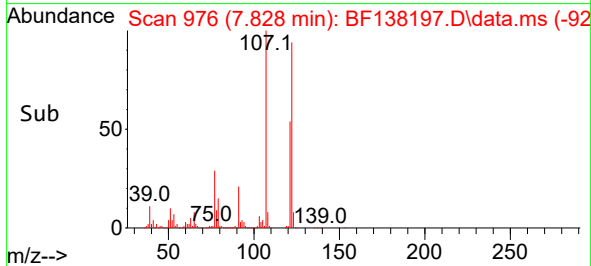
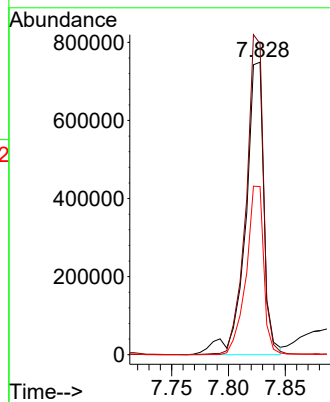
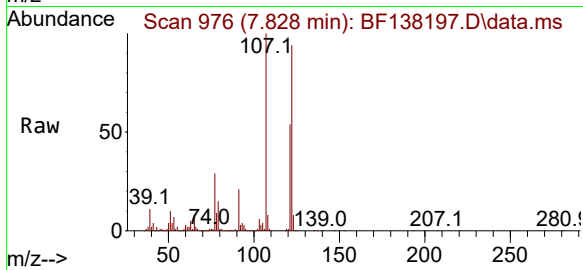
Tgt Ion:122 Resp: 846666

Ion Ratio Lower Upper

122 100

107 106.4 87.7 131.5

121 57.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.272 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

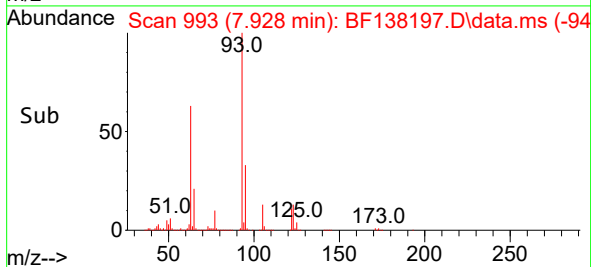
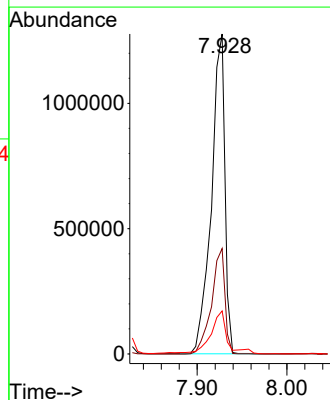
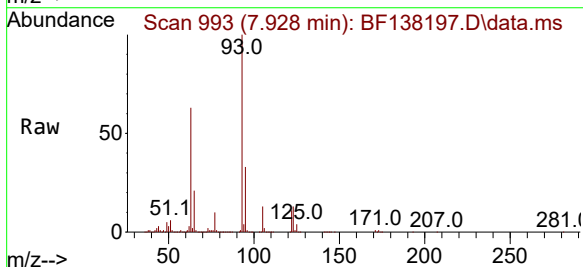
Tgt Ion: 93 Resp: 1330565

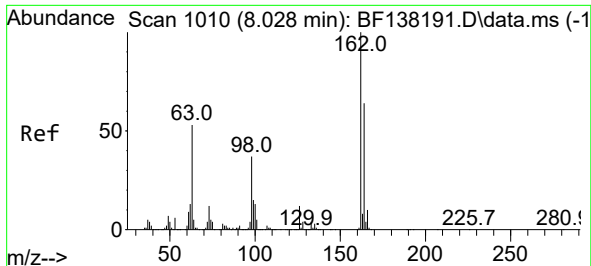
Ion Ratio Lower Upper

93 100

95 33.0 26.6 39.8

123 13.5 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 43.306 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

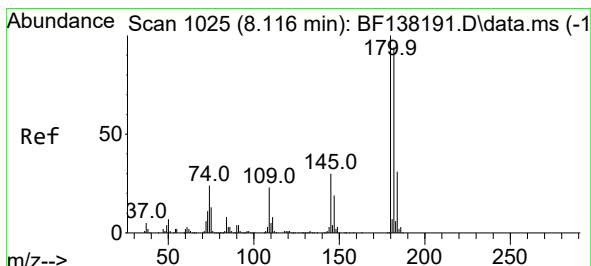
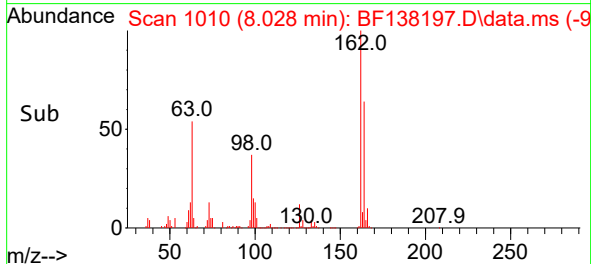
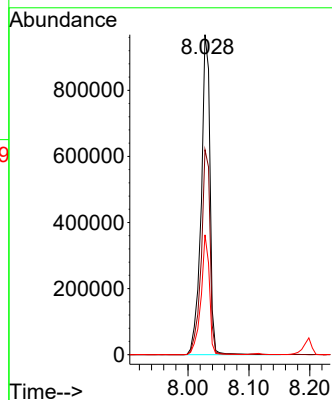
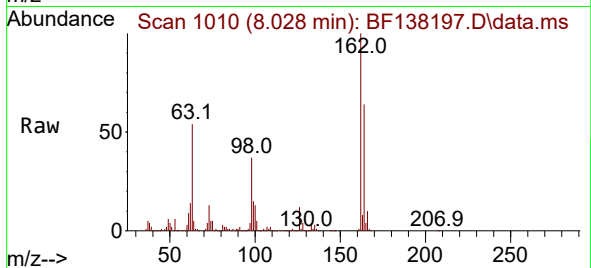
Tgt Ion:162 Resp: 980005

Ion Ratio Lower Upper

162 100

164 64.1 44.3 84.3

98 37.4 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 39.779 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

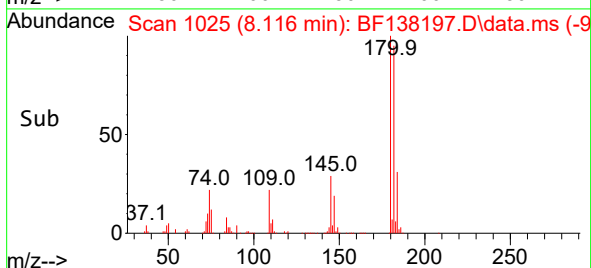
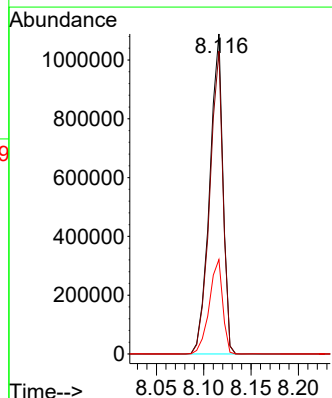
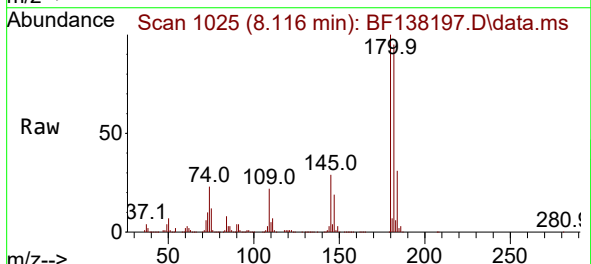
Tgt Ion:180 Resp: 1061619

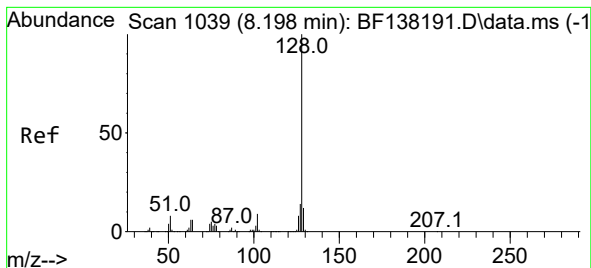
Ion Ratio Lower Upper

180 100

182 94.6 75.0 112.6

145 29.5 23.8 35.6





#31

Naphthalene

Concen: 39.852 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

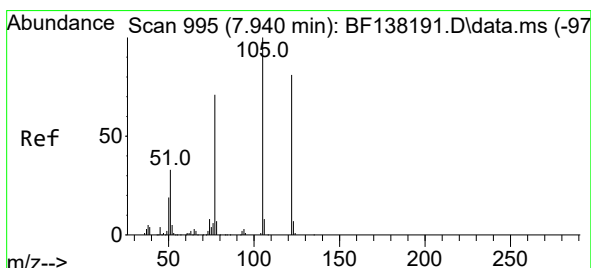
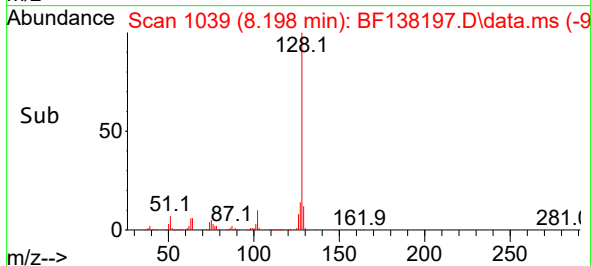
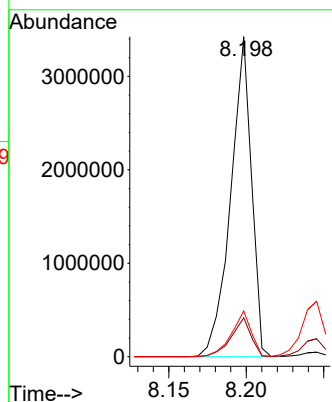
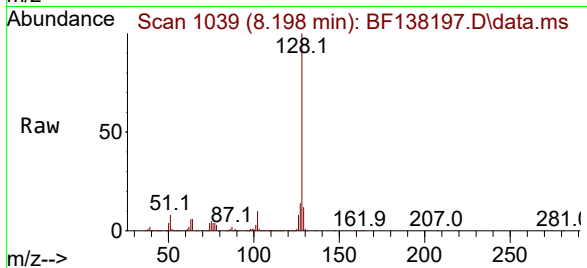
Tgt Ion:128 Resp: 3189106

Ion Ratio Lower Upper

128 100

129 12.2 9.5 14.3

127 14.3 11.0 16.6



#32

Benzoic acid

Concen: 47.369 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.017 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

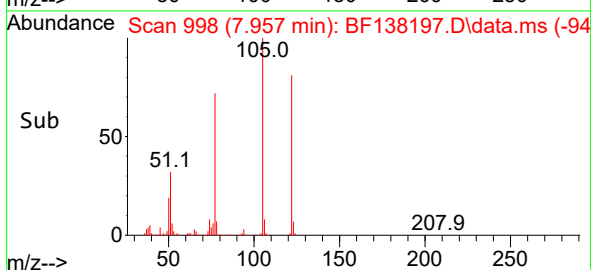
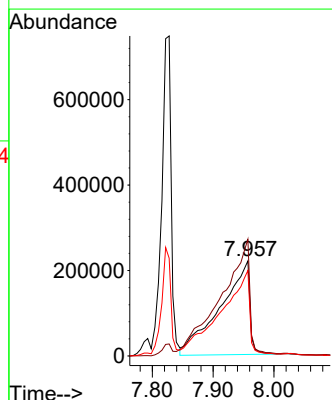
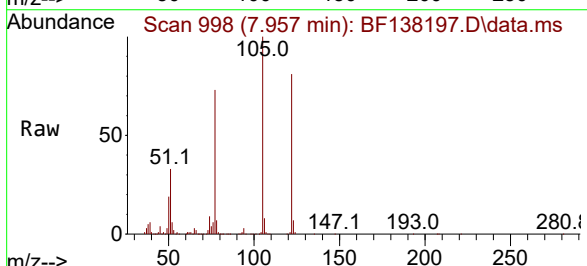
Tgt Ion:122 Resp: 733829

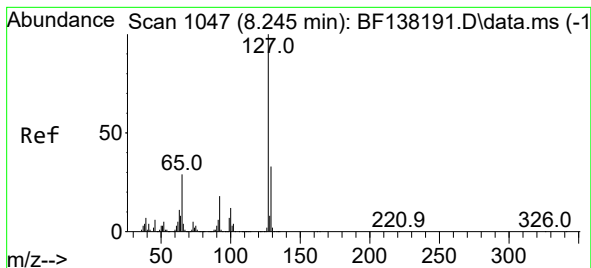
Ion Ratio Lower Upper

122 100

105 122.8 100.1 140.1

77 90.0 66.5 106.5





#33

4-Chloroaniline

Concen: 20.331 ng

RT: 8.245 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

Tgt Ion:127 Resp: 608105

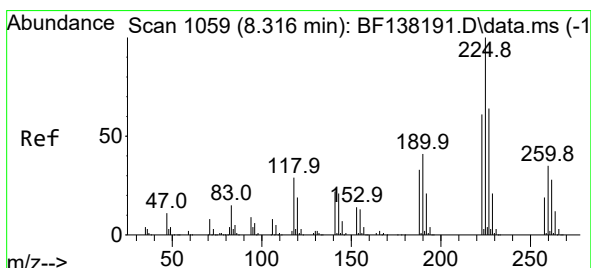
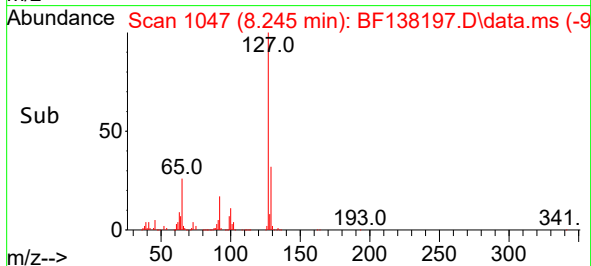
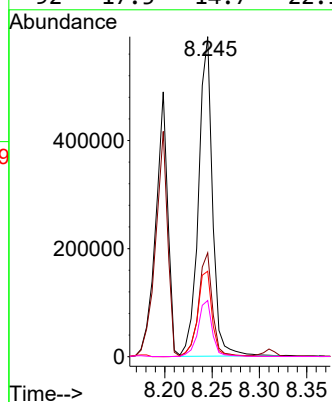
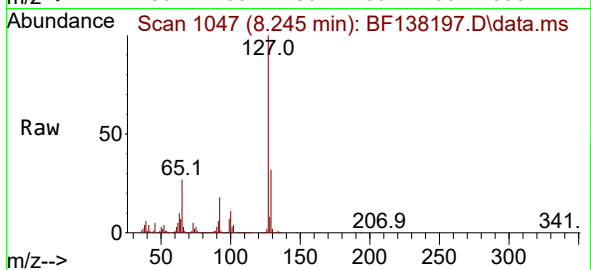
Ion Ratio Lower Upper

127 100

129 32.5 26.1 39.1

65 26.7 23.6 35.4

92 17.5 14.7 22.1



#34

Hexachlorobutadiene

Concen: 38.347 ng

RT: 8.310 min Scan# 1058

Delta R.T. -0.006 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

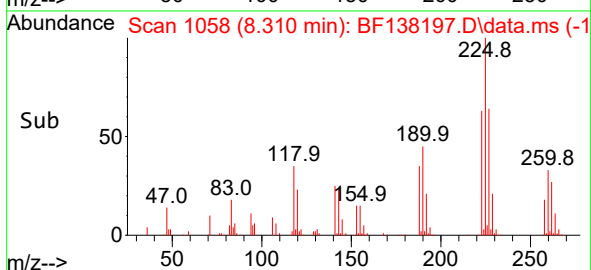
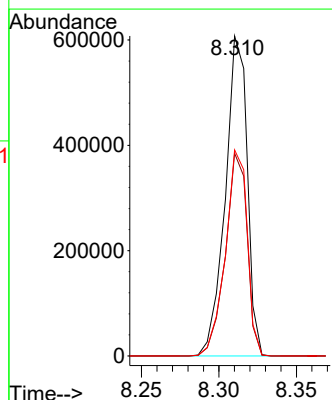
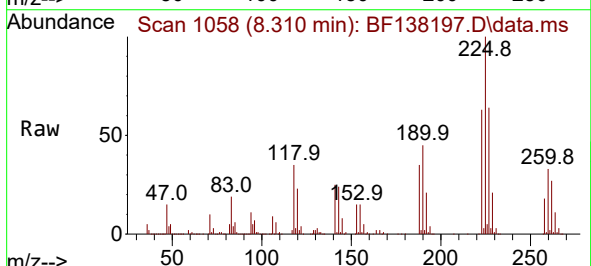
Tgt Ion:225 Resp: 598525

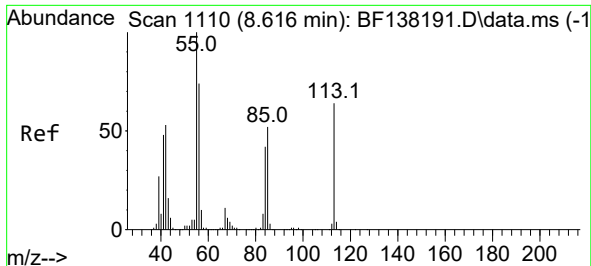
Ion Ratio Lower Upper

225 100

223 63.3 49.0 73.6

227 64.4 51.2 76.8

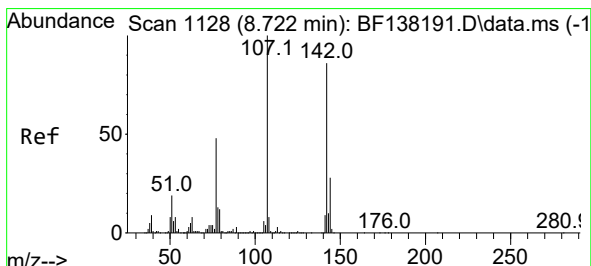
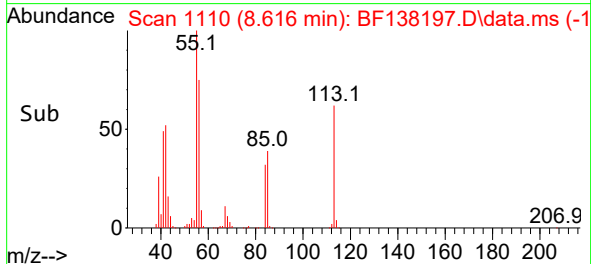
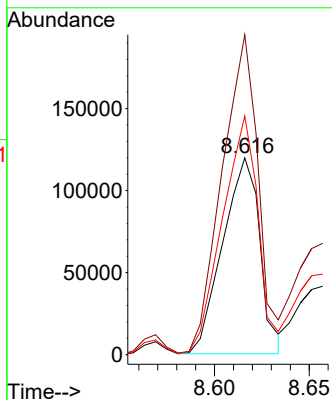
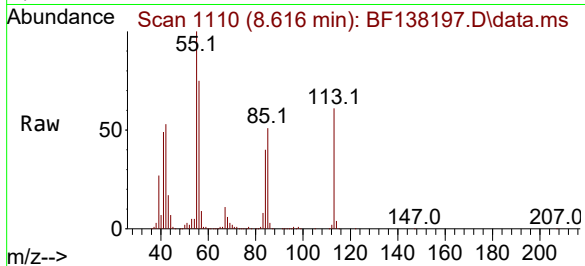




#35
Caprolactam
Concen: 23.761 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

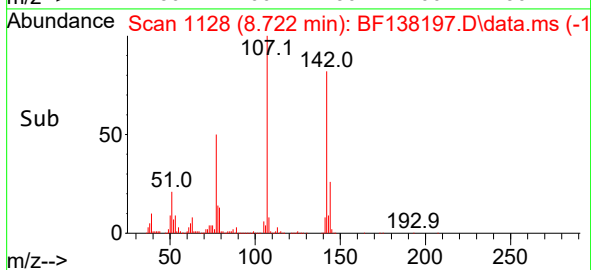
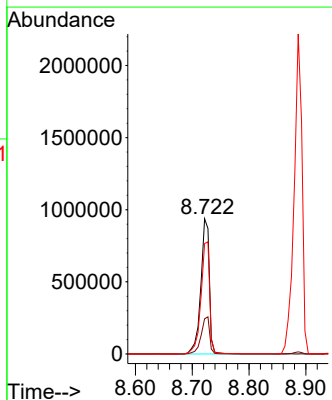
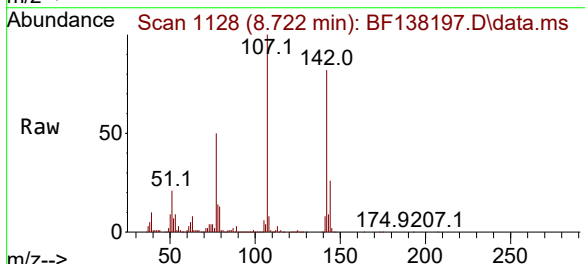
Instrument :
BNA_F
ClientSampleId :
PB161404BS

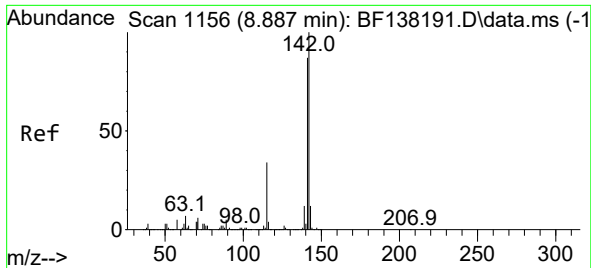
Tgt Ion:113 Resp: 162333
Ion Ratio Lower Upper
113 100
55 162.7 135.4 175.4
56 121.3 95.5 135.5



#36
4-Chloro-3-methylphenol
Concen: 43.618 ng
RT: 8.722 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:107 Resp: 982779
Ion Ratio Lower Upper
107 100
144 26.0 22.6 34.0
142 81.7 69.0 103.4

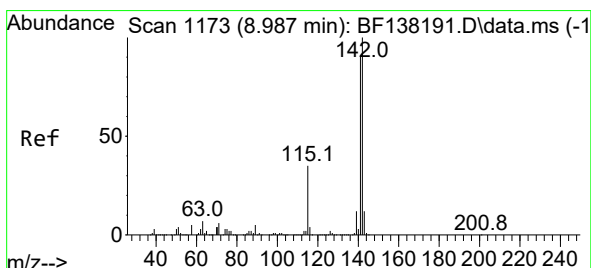
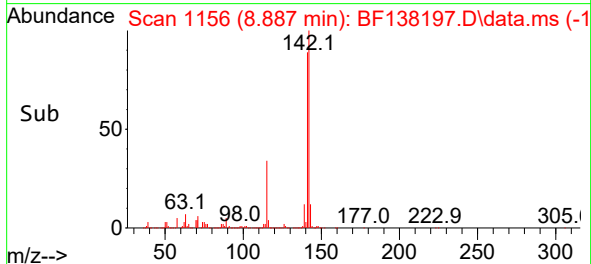
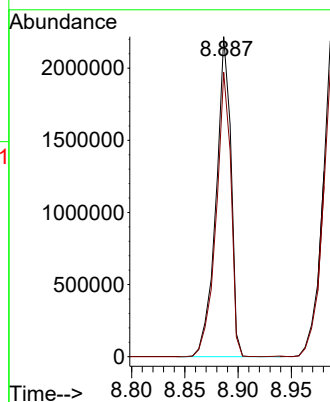
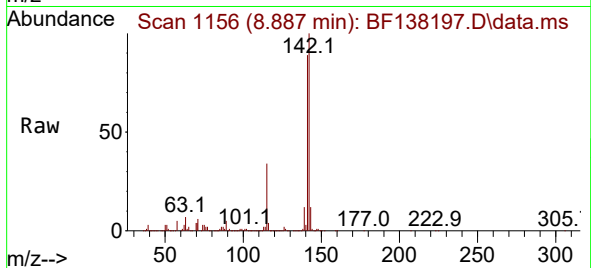




#37
2-Methylnaphthalene
Concen: 40.849 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

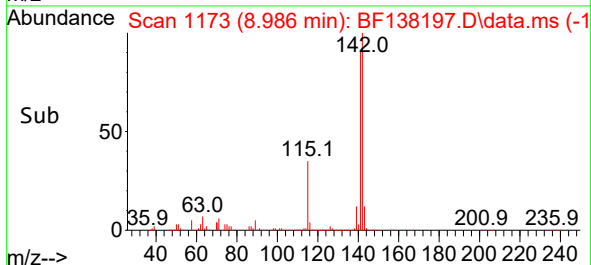
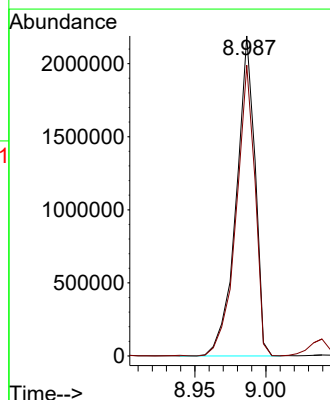
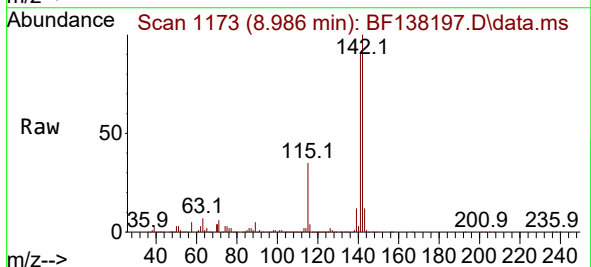
Instrument :
BNA_F
ClientSampleId :
PB161404BS

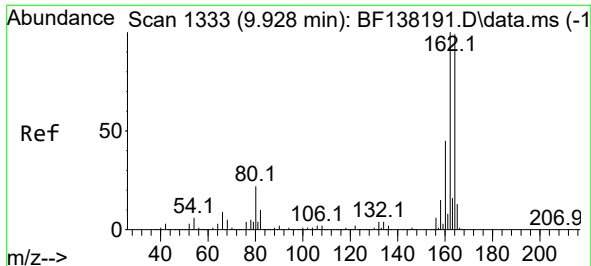
Tgt Ion:142 Resp: 2145352
Ion Ratio Lower Upper
142 100
141 88.9 69.9 104.9



#38
1-Methylnaphthalene
Concen: 39.095 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:142 Resp: 2012070
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2

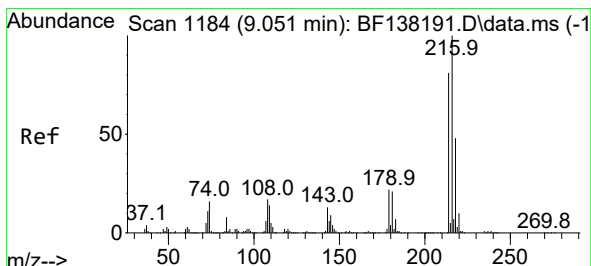
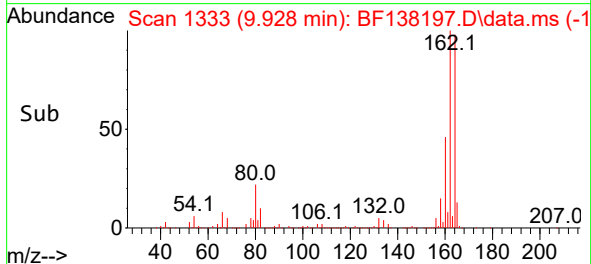
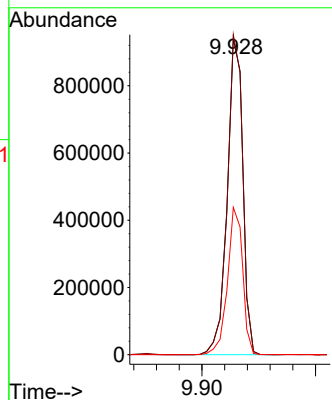
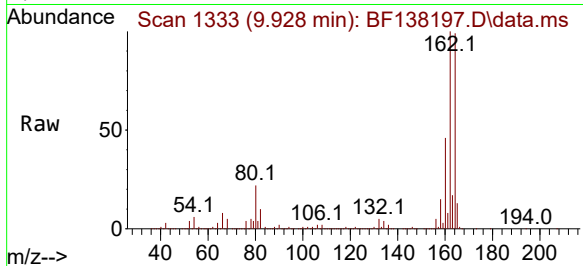




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

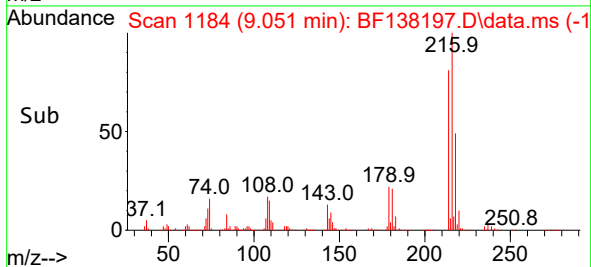
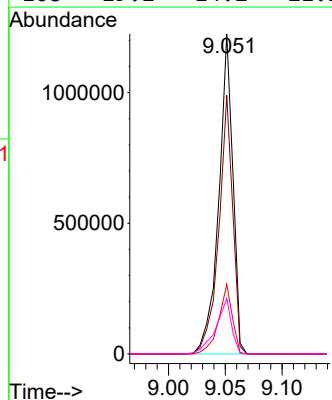
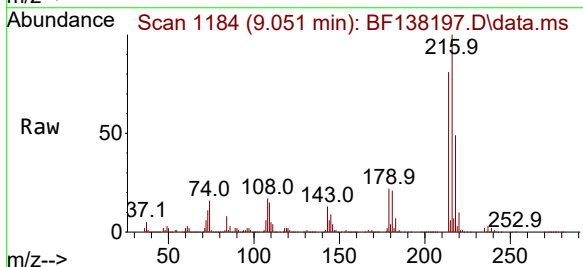
Instrument :
BNA_F
ClientSampleId :
PB161404BS

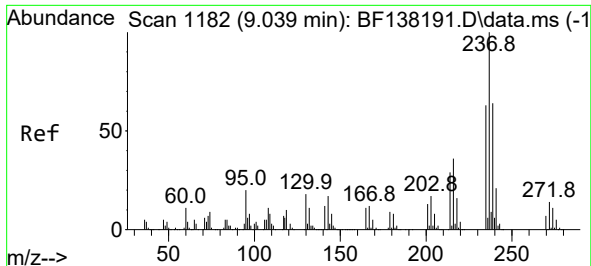
Tgt Ion:164 Resp: 898450
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 46.6 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.237 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:216 Resp: 1056385
Ion Ratio Lower Upper
216 100
214 80.0 63.7 95.5
179 21.2 16.9 25.3
108 19.2 14.2 21.2

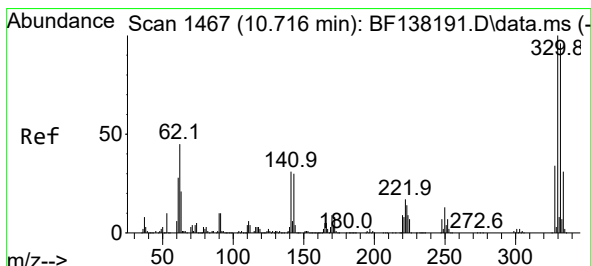
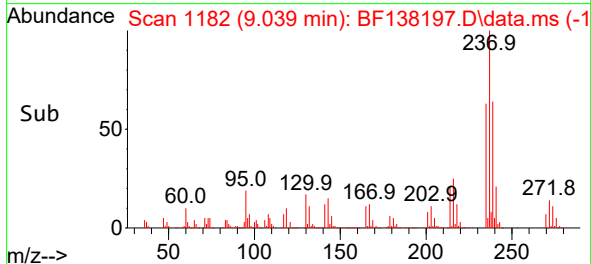
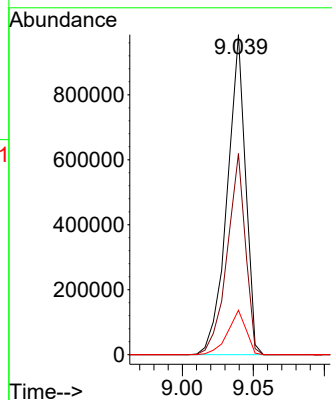
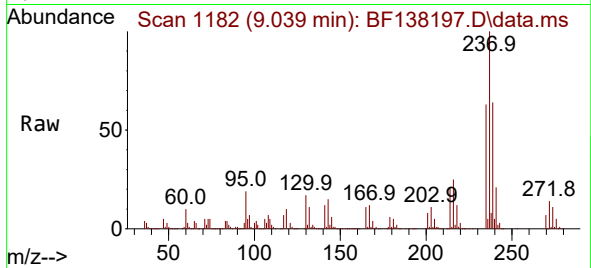




#41
Hexachlorocyclopentadiene
Concen: 103.466 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

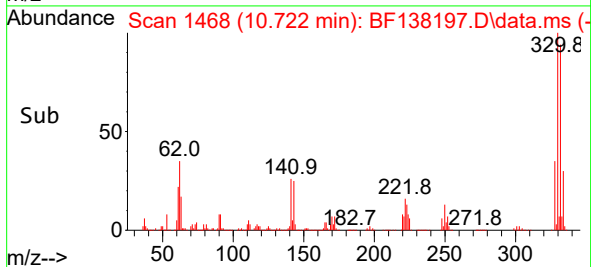
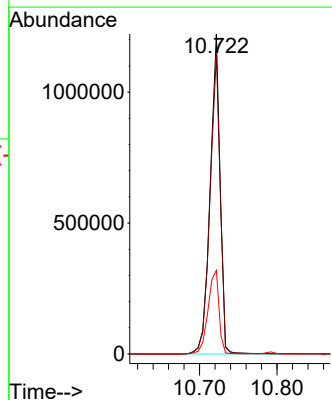
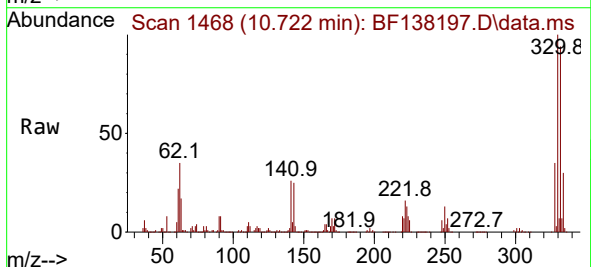
Instrument :
BNA_F
ClientSampleId :
PB161404BS

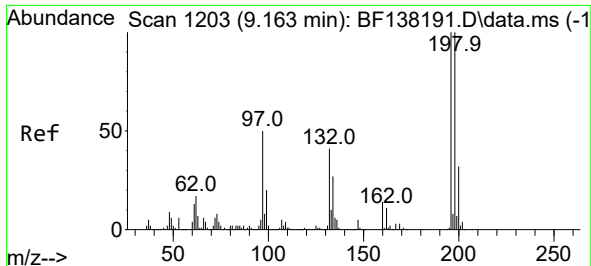
Tgt Ion:237 Resp: 885750
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 13.9 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 122.009 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:330 Resp: 1091281
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 28.8 23.9 35.9

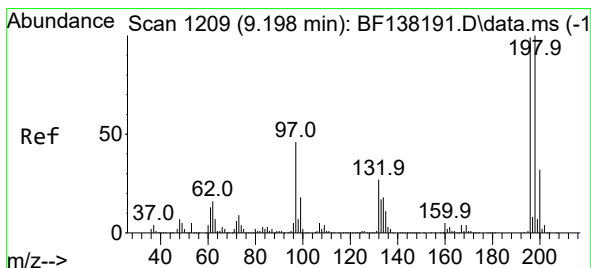
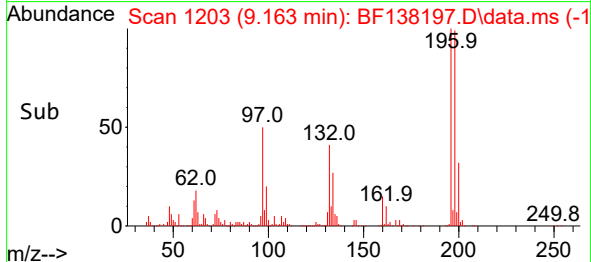
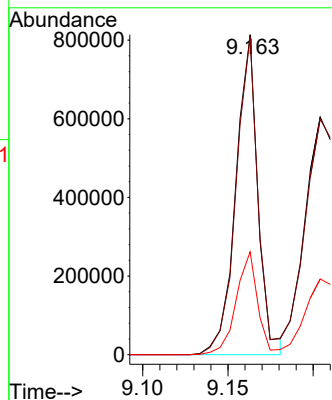
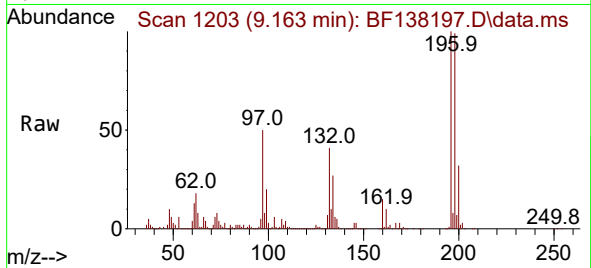




#43
2,4,6-Trichlorophenol
Concen: 44.554 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

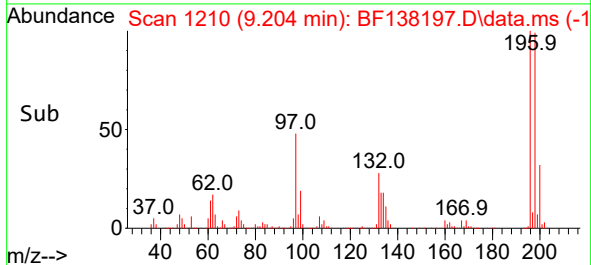
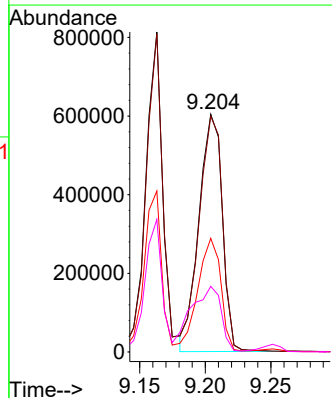
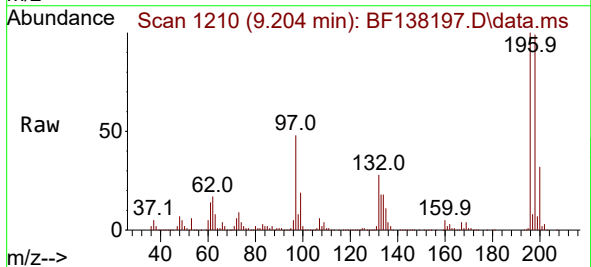
Instrument :
BNA_F
ClientSampleId :
PB161404BS

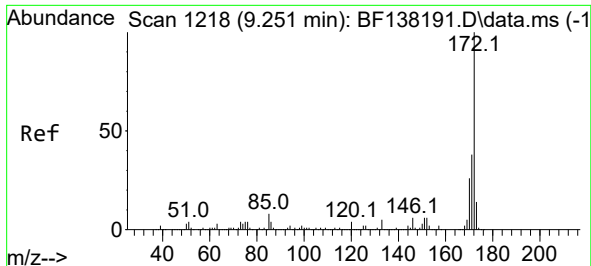
Tgt Ion:196 Resp: 732430
Ion Ratio Lower Upper
196 100
198 99.4 79.8 119.6
200 32.1 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 41.646 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:196 Resp: 751836
Ion Ratio Lower Upper
196 100
198 99.1 80.4 120.6
97 47.8 37.4 56.2
132 27.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 73.672 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

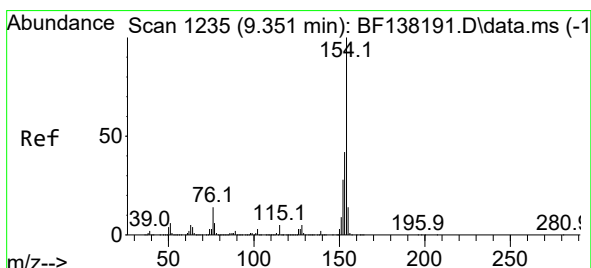
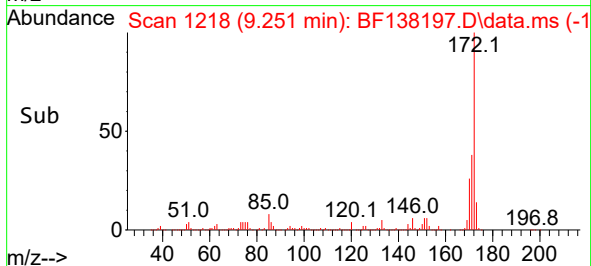
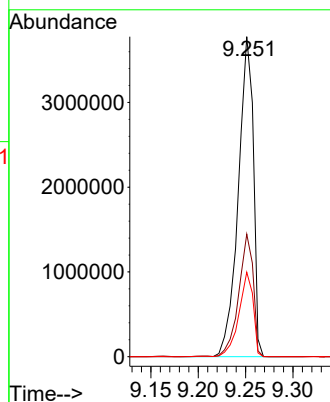
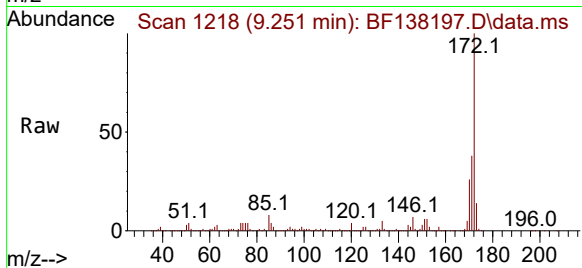
Tgt Ion:172 Resp: 4162562

Ion Ratio Lower Upper

172 100

171 38.3 30.3 45.5

170 26.4 20.6 30.8



#46

1,1'-Biphenyl

Concen: 40.024 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

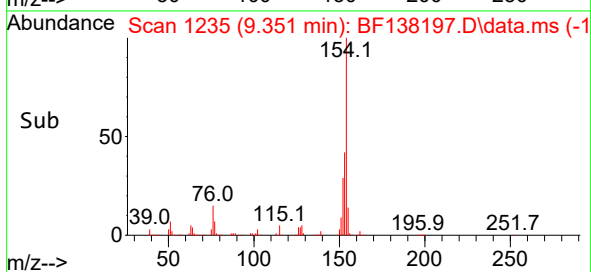
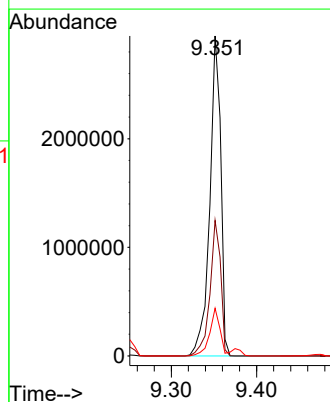
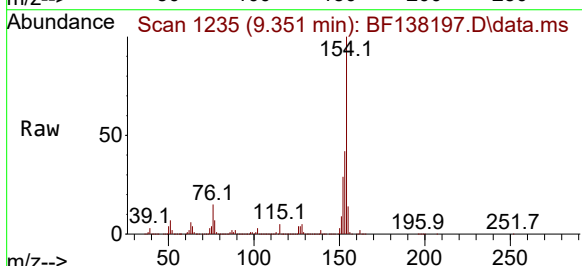
Tgt Ion:154 Resp: 2638669

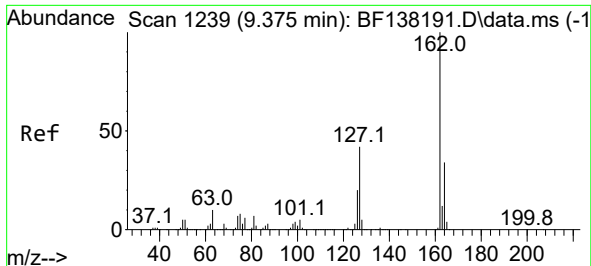
Ion Ratio Lower Upper

154 100

153 42.4 22.1 62.1

76 14.9 0.0 34.3

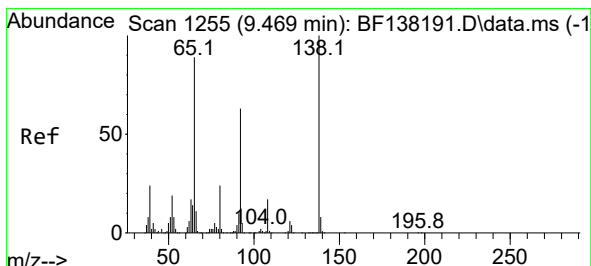
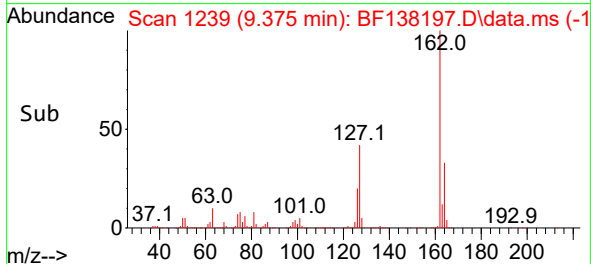
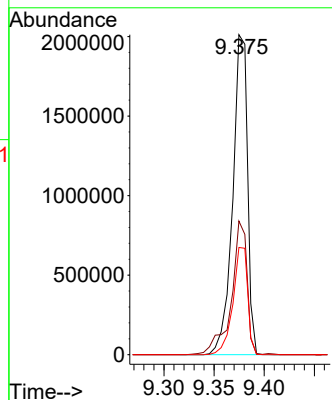
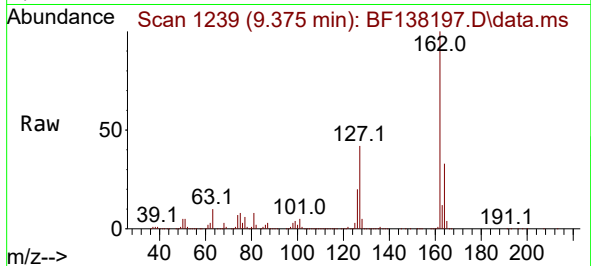




#47
2-Chloronaphthalene
Concen: 39.647 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

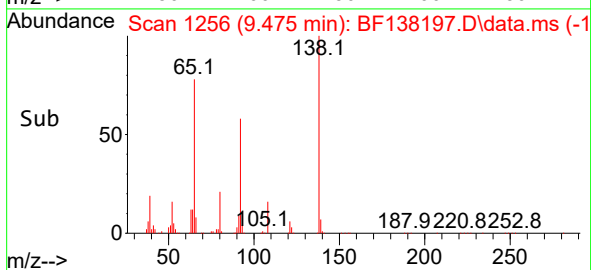
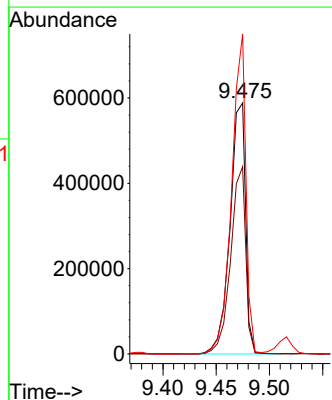
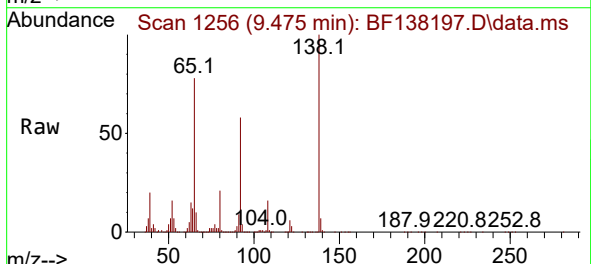
Instrument :
BNA_F
ClientSampleId :
PB161404BS

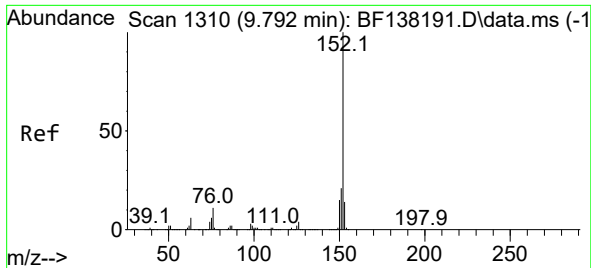
Tgt Ion:162 Resp: 2065729
Ion Ratio Lower Upper
162 100
127 41.7 33.6 50.4
164 33.5 27.2 40.8



#48
2-Nitroaniline
Concen: 47.749 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion: 65 Resp: 599143
Ion Ratio Lower Upper
65 100
92 74.6 56.6 85.0
138 127.5 90.1 135.1





#49

Acenaphthylene

Concen: 43.379 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

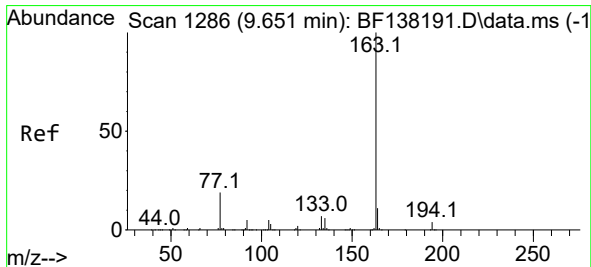
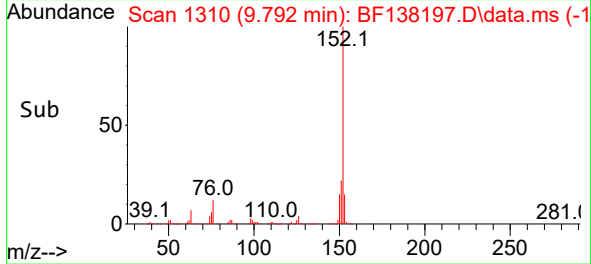
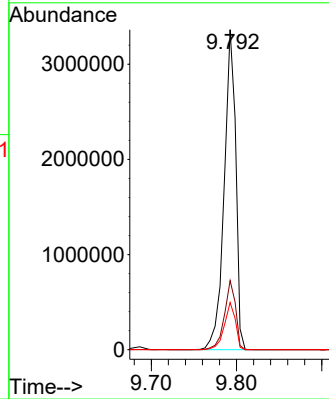
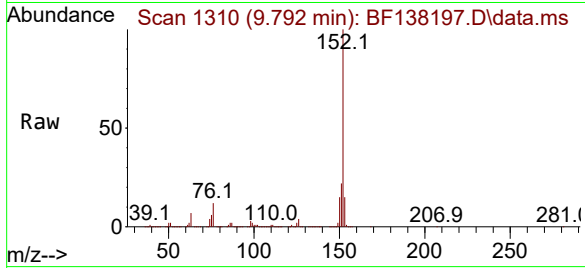
Tgt Ion:152 Resp: 3169301

Ion Ratio Lower Upper

152 100

151 21.6 16.9 25.3

153 14.7 11.4 17.0



#50

Dimethylphthalate

Concen: 42.696 ng

RT: 9.657 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

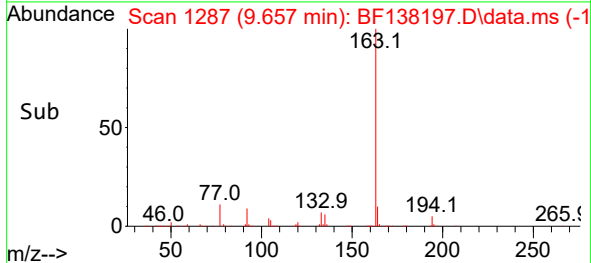
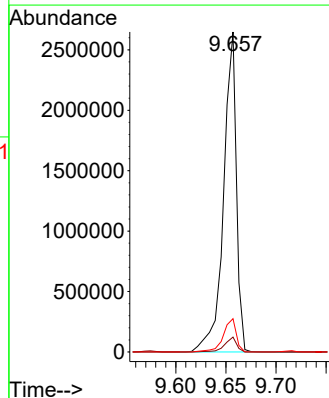
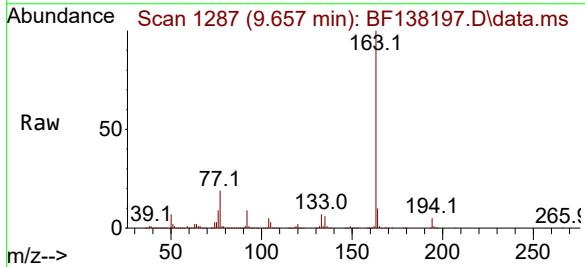
Tgt Ion:163 Resp: 2350327

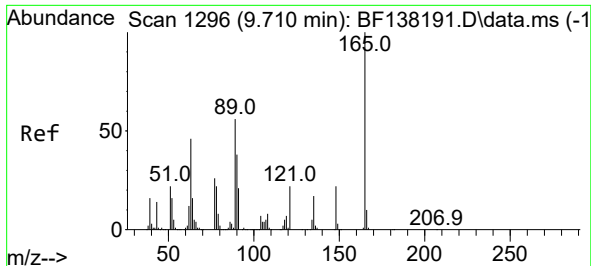
Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

164 10.4 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 45.511 ng

RT: 9.716 min Scan# 1296

Delta R.T. 0.006 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

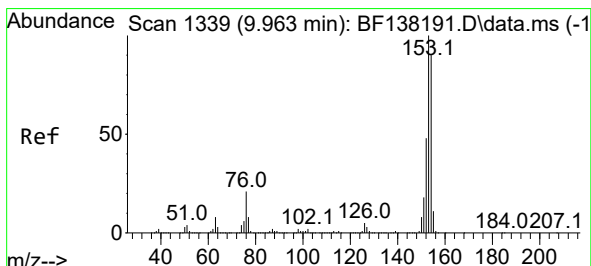
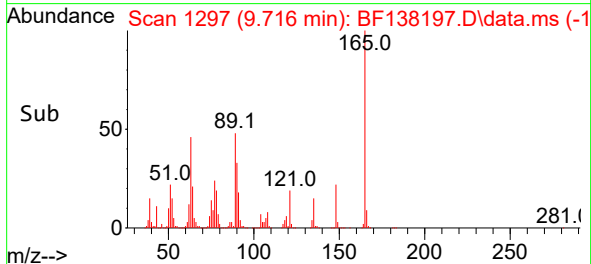
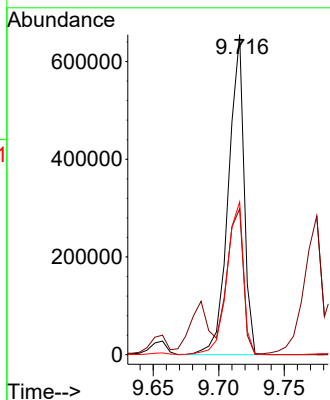
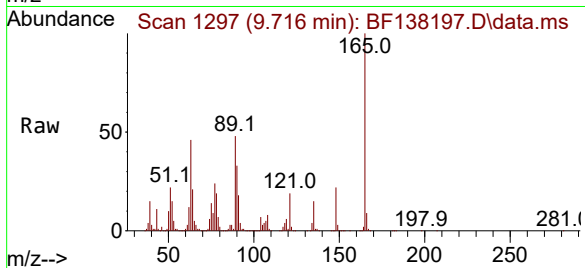
Tgt Ion:165 Resp: 543503

Ion Ratio Lower Upper

165 100

63 45.6 43.7 65.5

89 47.7 44.9 67.3



#52

Acenaphthene

Concen: 39.867 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

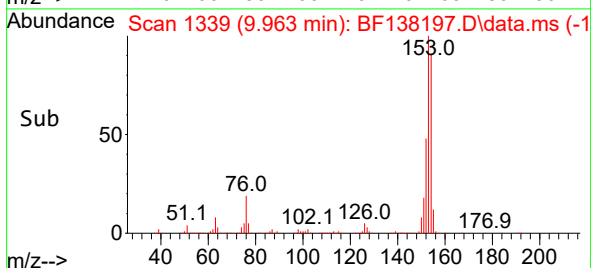
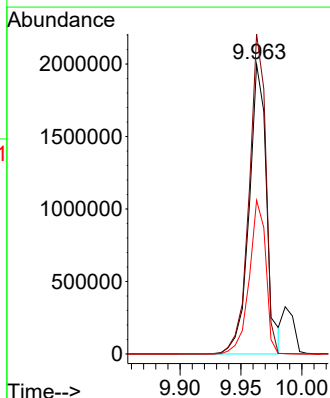
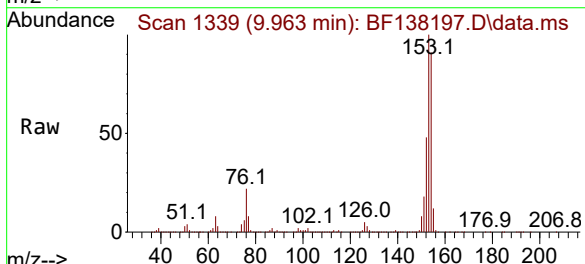
Tgt Ion:154 Resp: 1986164

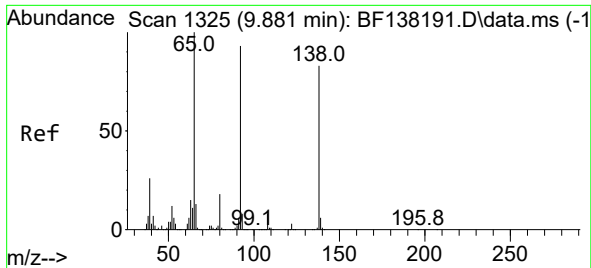
Ion Ratio Lower Upper

154 100

153 110.5 89.1 133.7

152 53.1 42.4 63.6

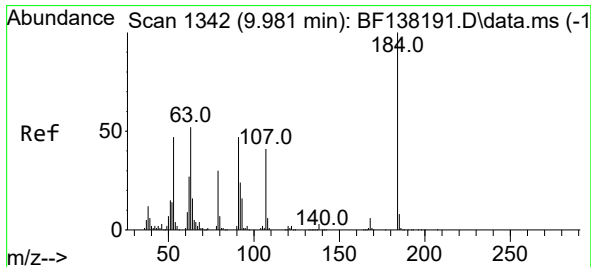
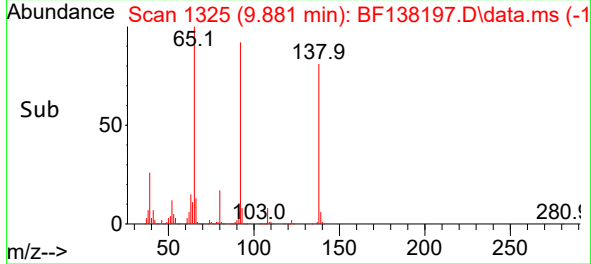
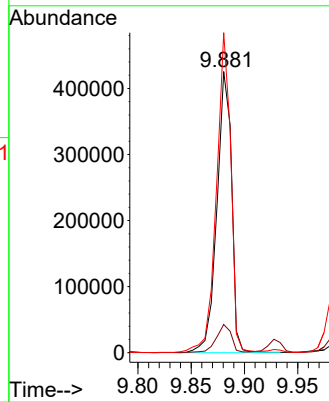
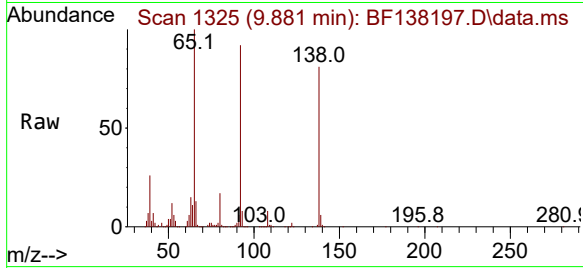




#53
3-Nitroaniline
Concen: 31.901 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

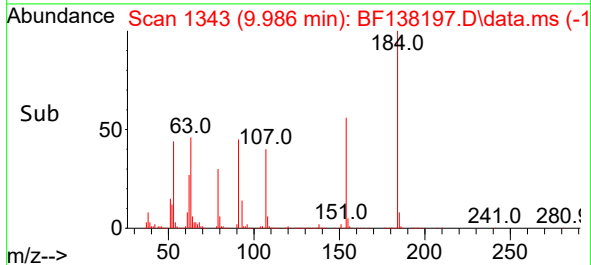
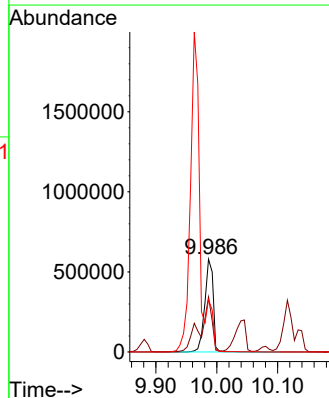
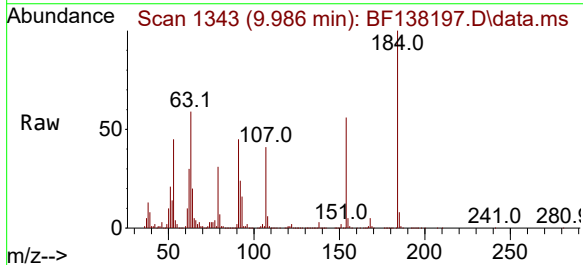
Instrument :
BNA_F
ClientSampleId :
PB161404BS

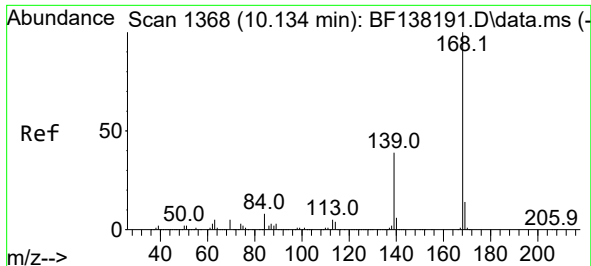
Tgt Ion:138 Resp: 406981
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 113.8 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 88.128 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:184 Resp: 555700
Ion Ratio Lower Upper
184 100
63 59.3 49.2 73.8
154 56.2 46.7 70.1

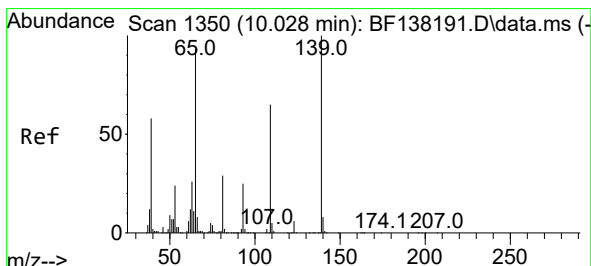
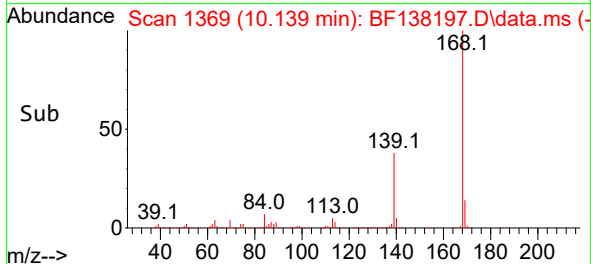
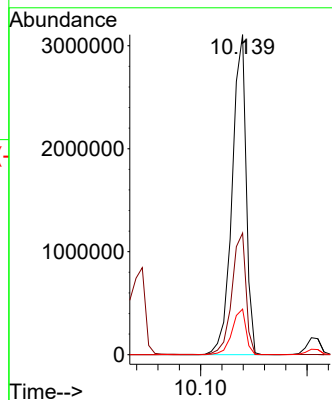
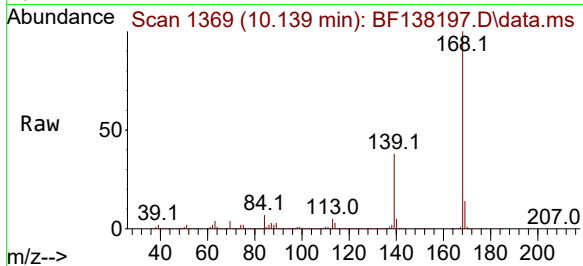




#55
Dibenzenofuran
Concen: 40.921 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

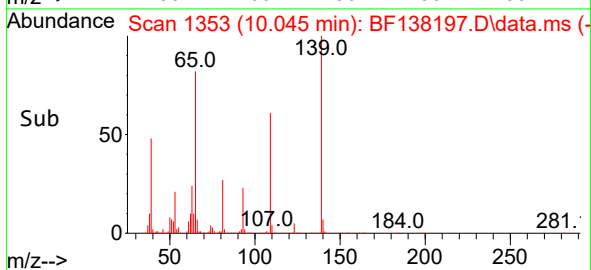
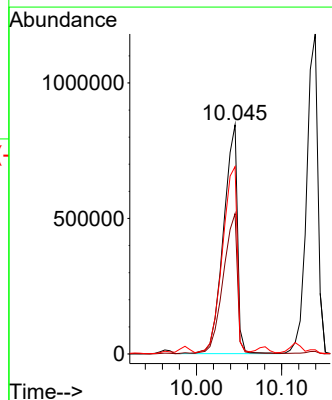
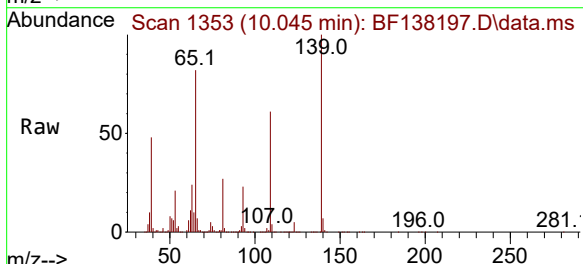
Instrument :
BNA_F
ClientSampleId :
PB161404BS

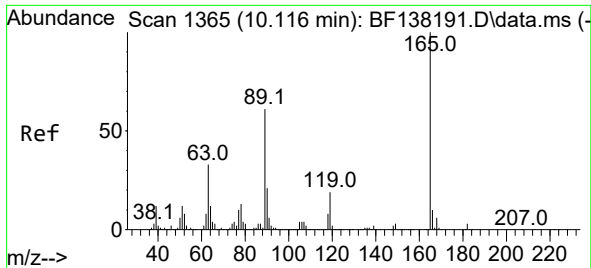
Tgt Ion:168 Resp: 2849946
Ion Ratio Lower Upper
168 100
139 38.0 31.0 46.4
169 14.2 11.4 17.0



#56
4-Nitrophenol
Concen: 95.254 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:139 Resp: 960347
Ion Ratio Lower Upper
139 100
109 61.2 44.6 84.6
65 81.8 73.1 113.1

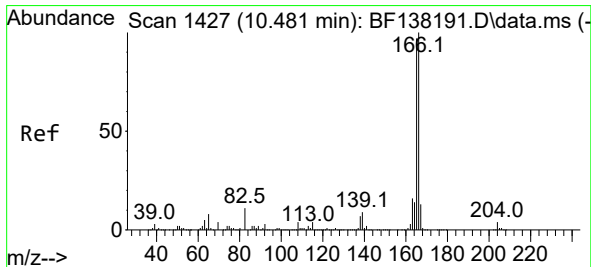
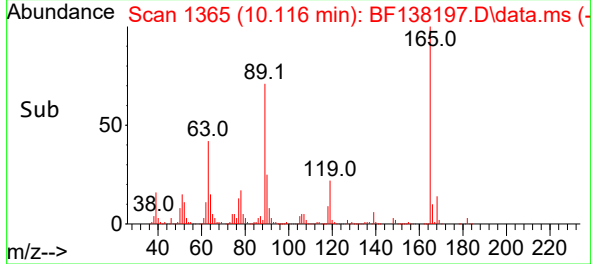
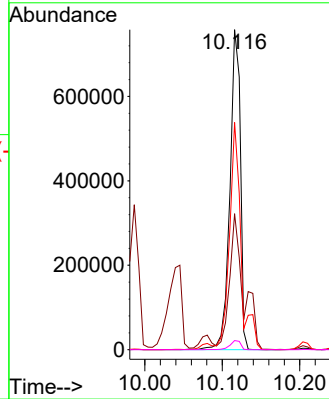
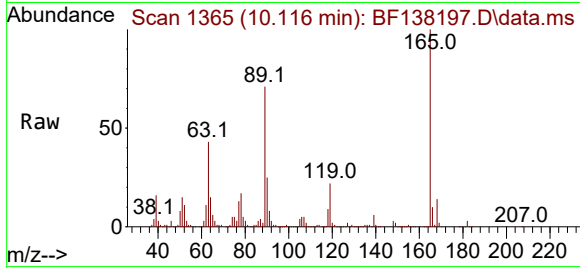




#57
2,4-Dinitrotoluene
Concen: 48.275 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

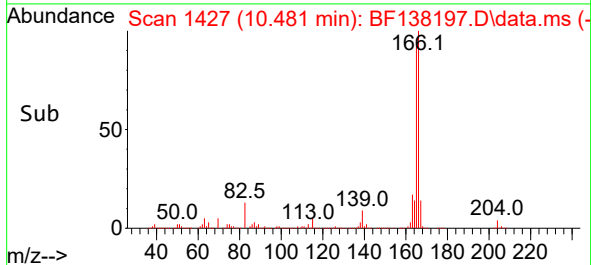
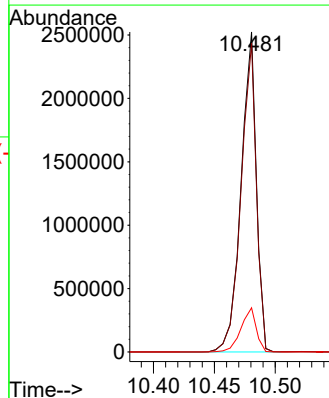
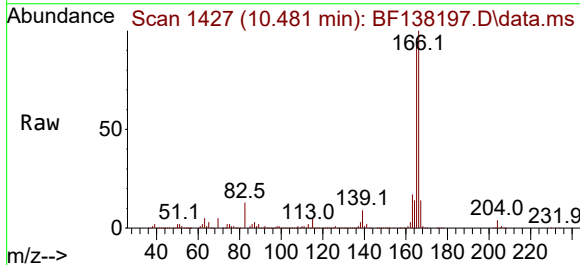
Instrument :
BNA_F
ClientSampleId :
PB161404BS

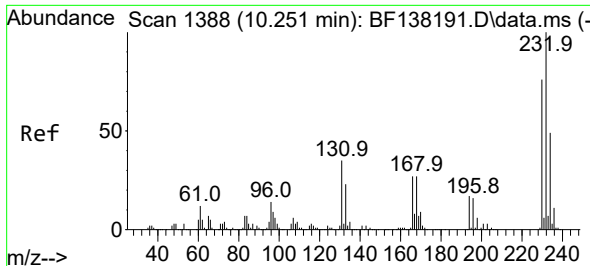
Tgt Ion:165 Resp: 711074
Ion Ratio Lower Upper
165 100
63 42.5 26.6 39.8#
89 71.0 48.7 73.1
182 2.9 2.4 3.6



#58
Fluorene
Concen: 40.177 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:166 Resp: 2200026
Ion Ratio Lower Upper
166 100
165 96.4 77.9 116.9
167 13.8 10.7 16.1

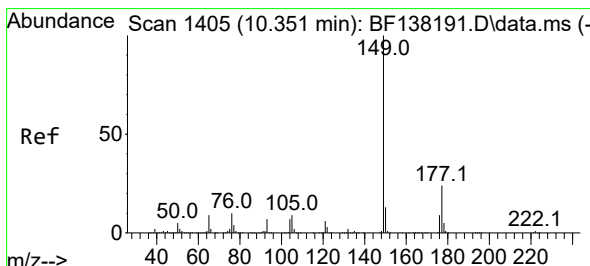
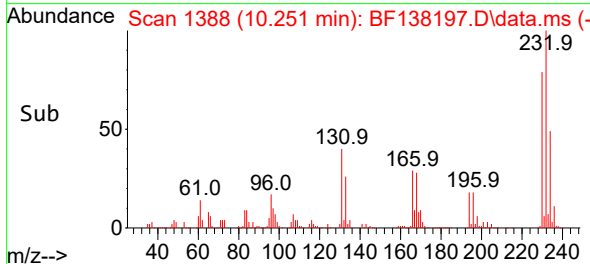
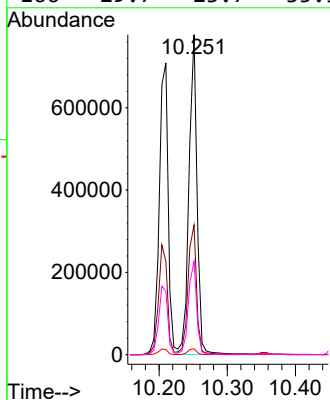
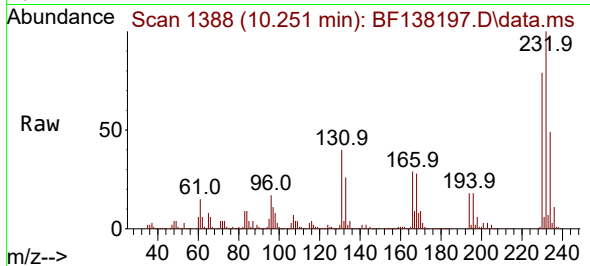




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.768 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

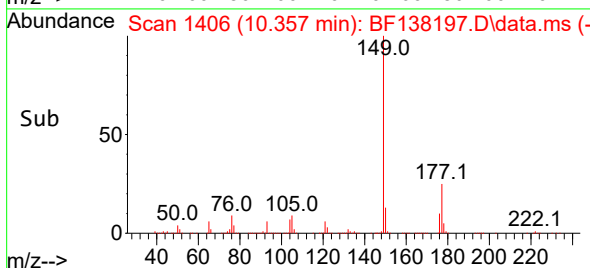
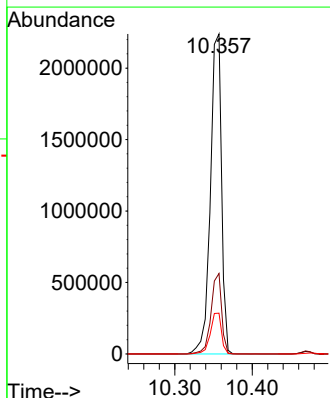
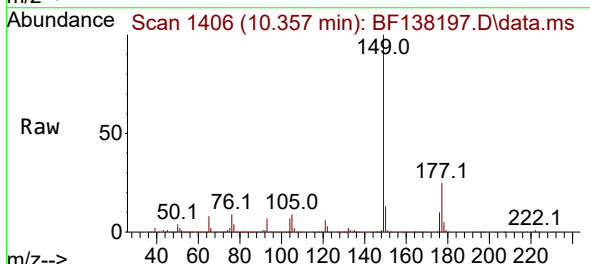
Instrument :
BNA_F
ClientSampleId :
PB161404BS

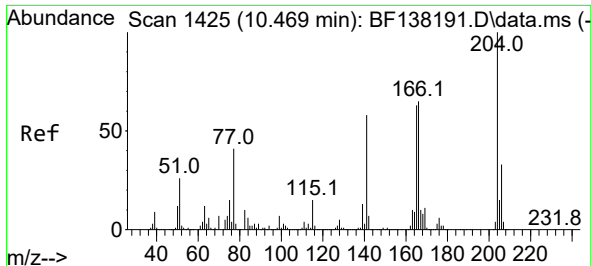
Tgt Ion:232 Resp: 631627
Ion Ratio Lower Upper
232 100
131 42.7 33.6 50.4
130 2.0 1.7 2.5
166 29.7 23.7 35.5



#60
Diethylphthalate
Concen: 42.813 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:149 Resp: 2236792
Ion Ratio Lower Upper
149 100
177 25.1 19.4 29.0
150 12.7 10.2 15.4

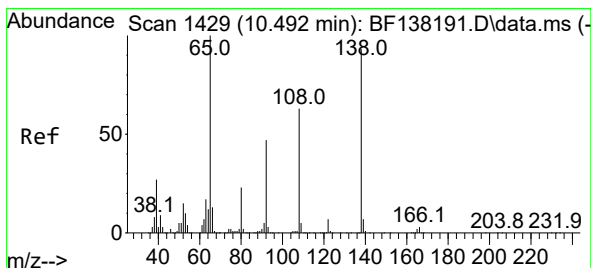
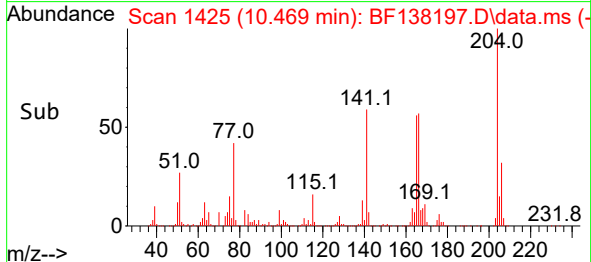
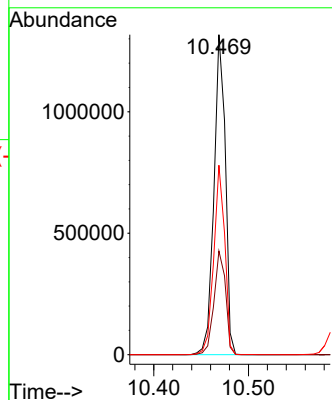
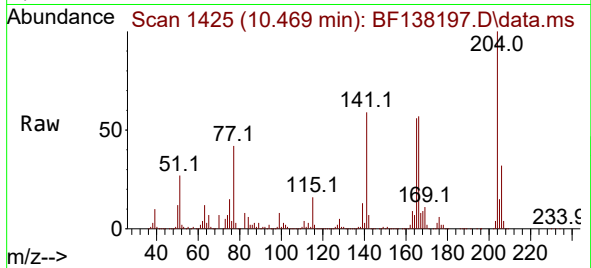




#61
4-Chlorophenyl-phenylether
Concen: 40.254 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

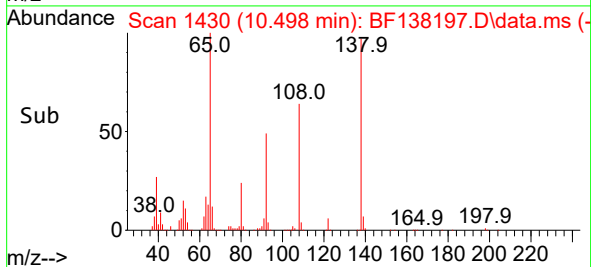
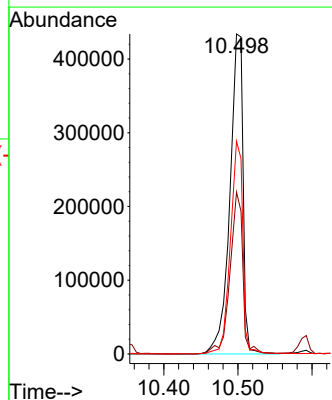
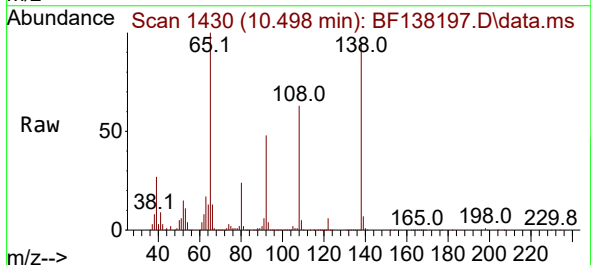
Instrument :
BNA_F
ClientSampleId :
PB161404BS

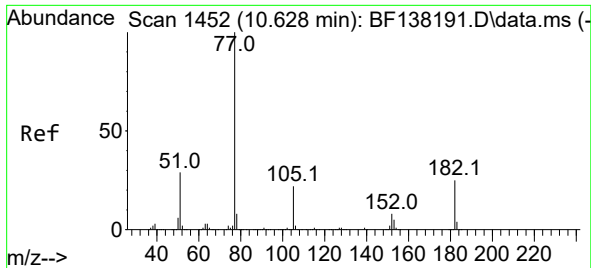
Tgt Ion:204 Resp: 1097782
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 59.2 46.3 69.5



#62
4-Nitroaniline
Concen: 41.957 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:138 Resp: 534816
Ion Ratio Lower Upper
138 100
92 50.6 30.9 70.9
108 66.5 47.8 87.8

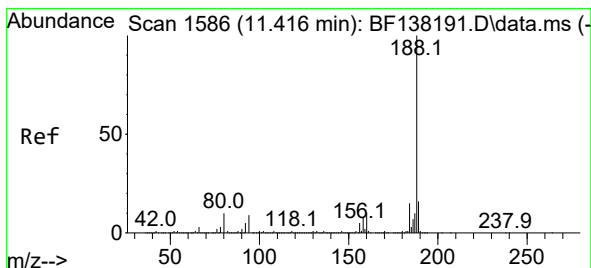
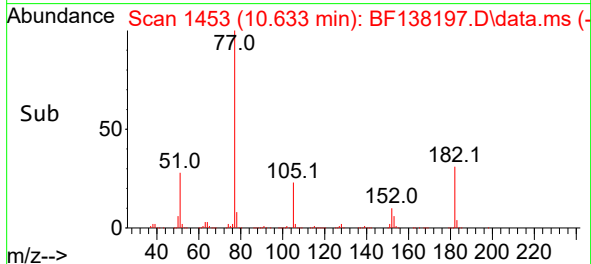
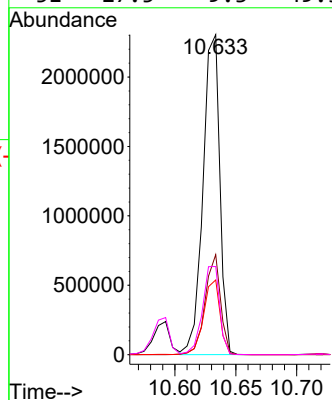
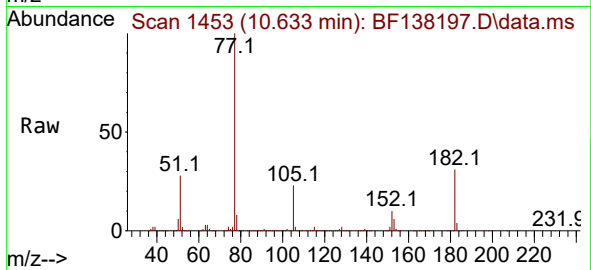




#63
Azobenzene
Concen: 42.356 ng
RT: 10.633 min Scan# 1452
Delta R.T. 0.005 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

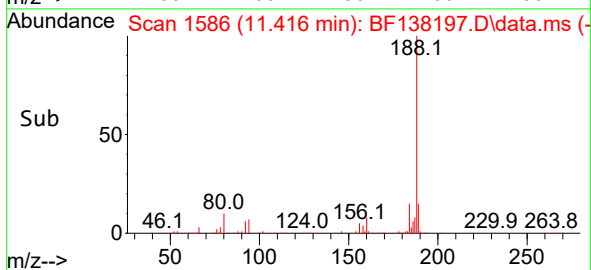
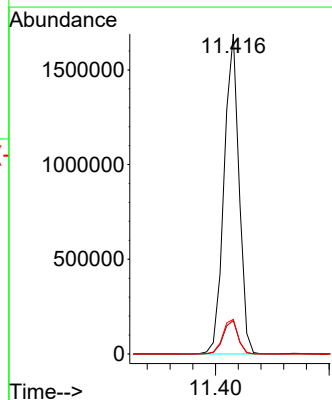
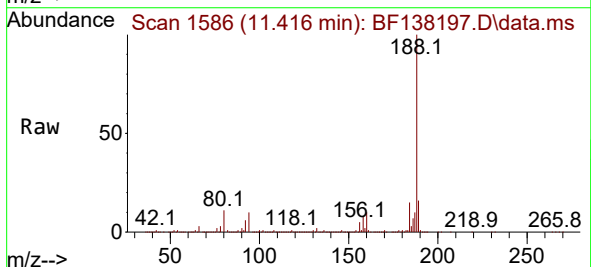
Instrument :
BNA_F
ClientSampleId :
PB161404BS

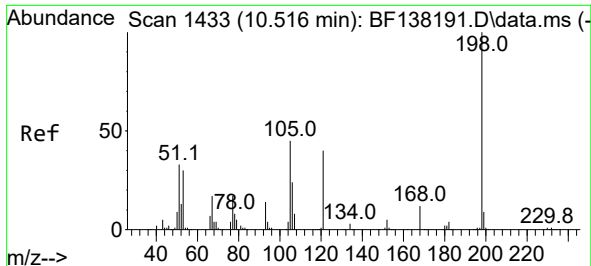
Tgt Ion: 77 Resp: 2217013
Ion Ratio Lower Upper
77 100
182 31.2 5.5 45.5
105 23.4 1.8 41.8
51 27.5 9.3 49.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:188 Resp: 1546432
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 10.8 8.1 12.1

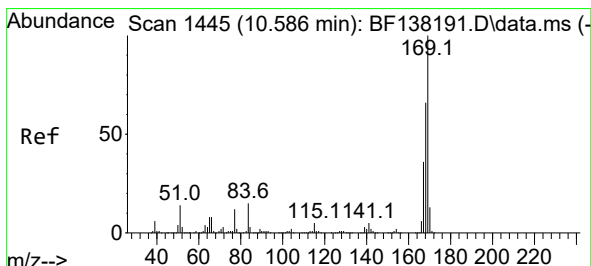
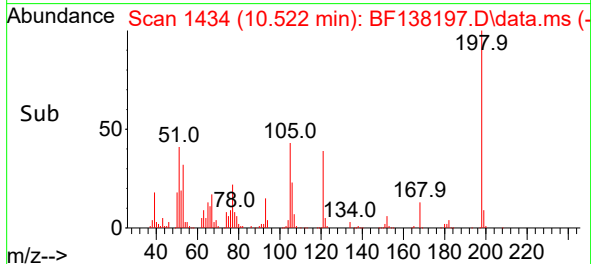
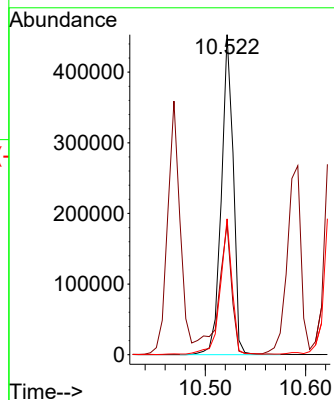
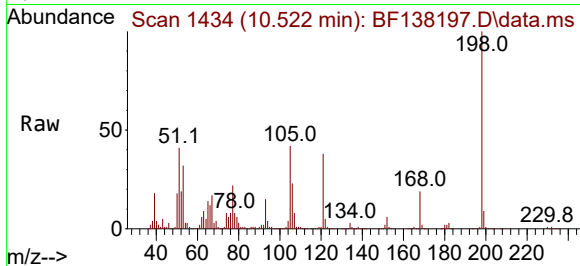




#65
4,6-Dinitro-2-methylphenol
Concen: 47.208 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

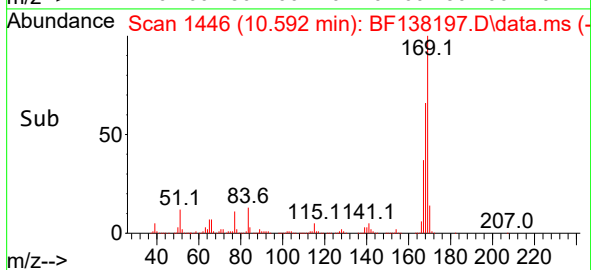
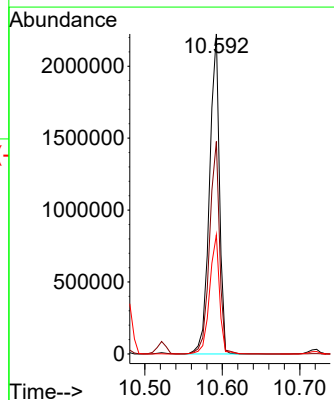
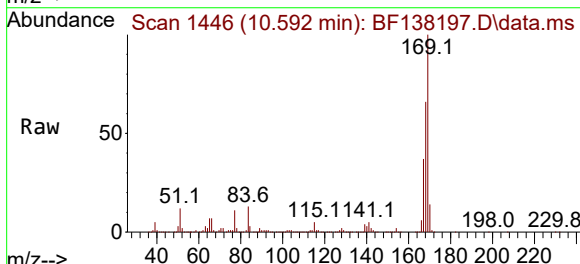
Instrument :
BNA_F
ClientSampleId :
PB161404BS

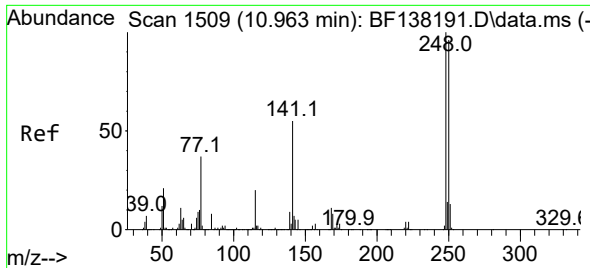
Tgt Ion:198 Resp: 370949
Ion Ratio Lower Upper
198 100
51 40.9 26.9 66.9
105 42.5 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 41.706 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:169 Resp: 1974559
Ion Ratio Lower Upper
169 100
168 66.4 52.9 79.3
167 37.2 29.0 43.6

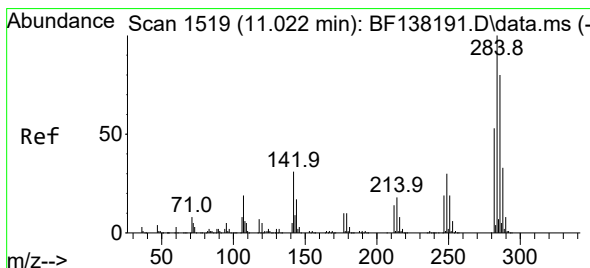
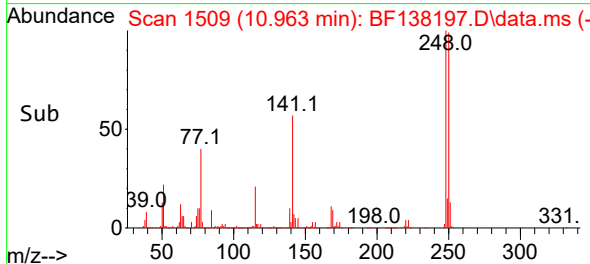
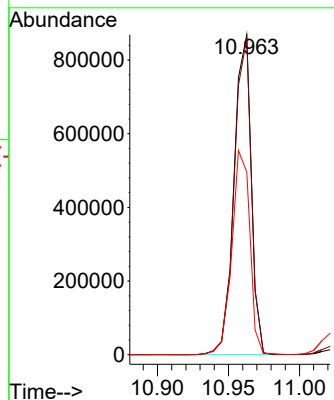
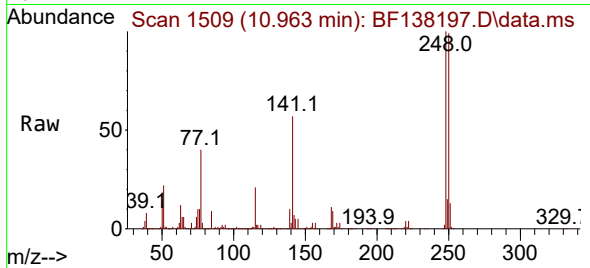




#67
4-Bromophenyl-phenylether
Concen: 42.147 ng
RT: 10.963 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

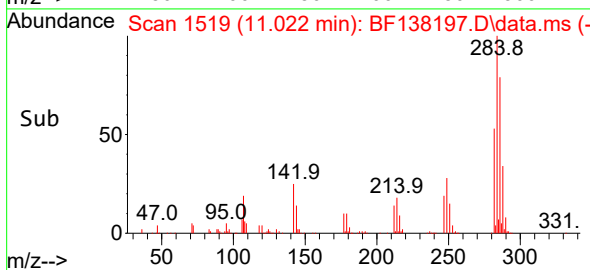
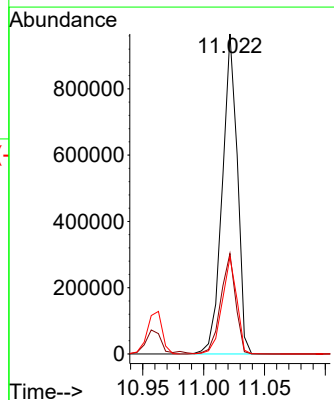
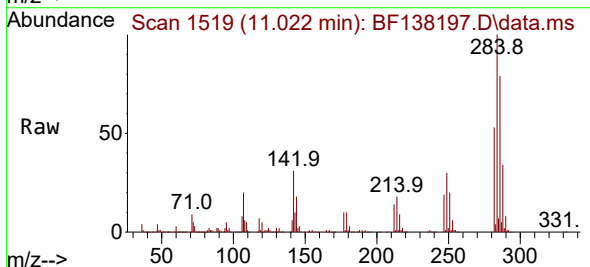
Instrument :
BNA_F
ClientSampleId :
PB161404BS

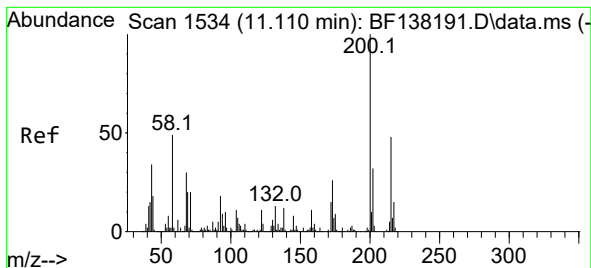
Tgt Ion:248 Resp: 734444
Ion Ratio Lower Upper
248 100
250 98.8 77.2 115.8
141 57.1 44.1 66.1



#68
Hexachlorobenzene
Concen: 40.777 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:284 Resp: 829227
Ion Ratio Lower Upper
284 100
142 31.4 24.8 37.2
249 30.3 23.8 35.6





#69

Atrazine

Concen: 47.605 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

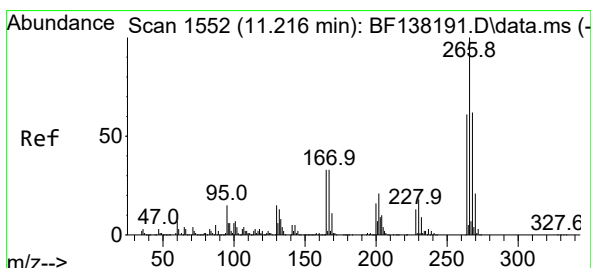
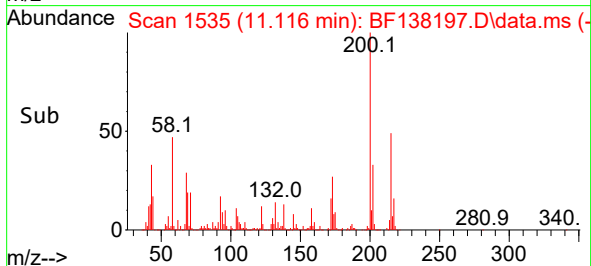
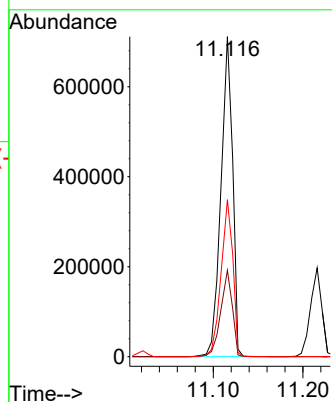
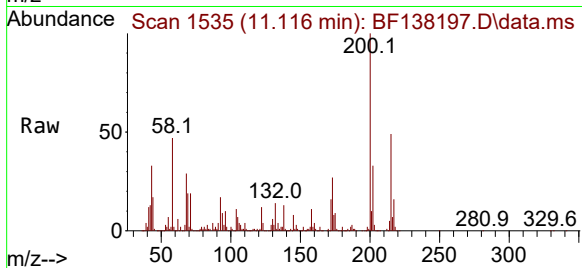
Tgt Ion:200 Resp: 641956

Ion Ratio Lower Upper

200 100

173 27.0 6.3 46.3

215 49.1 28.0 68.0



#70

Pentachlorophenol

Concen: 83.253 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

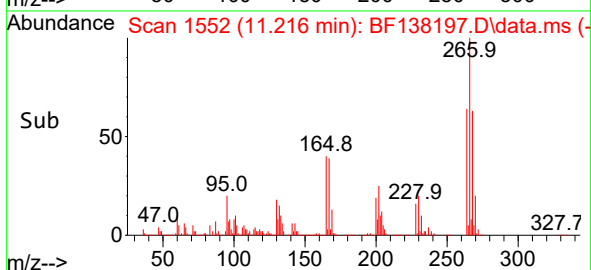
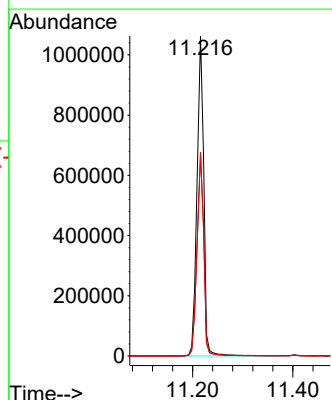
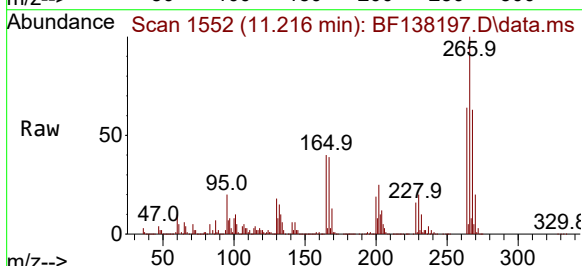
Tgt Ion:266 Resp: 987375

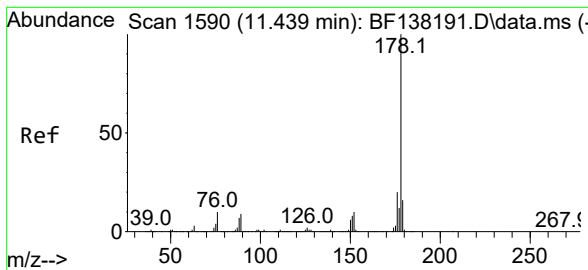
Ion Ratio Lower Upper

266 100

268 63.2 49.5 74.3

264 63.6 49.2 73.8

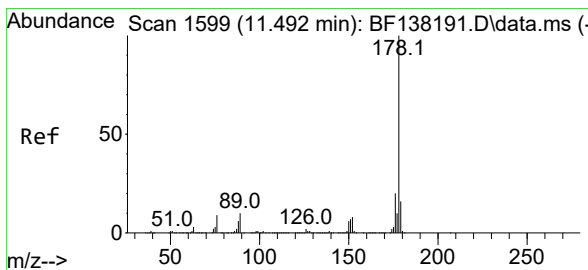
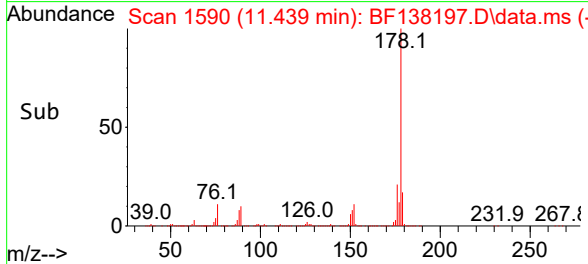
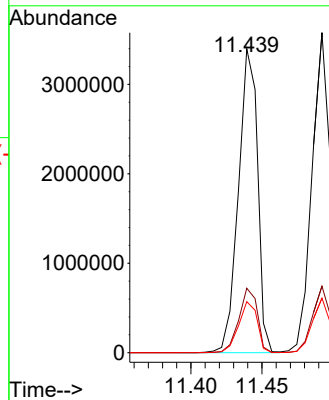
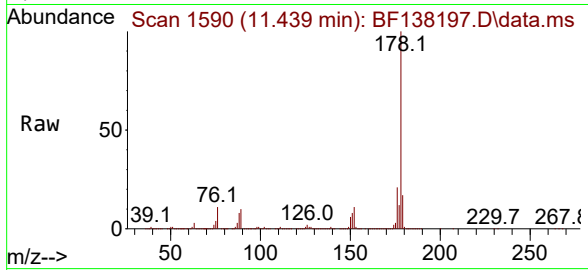




#71
Phenanthrene
Concen: 41.756 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

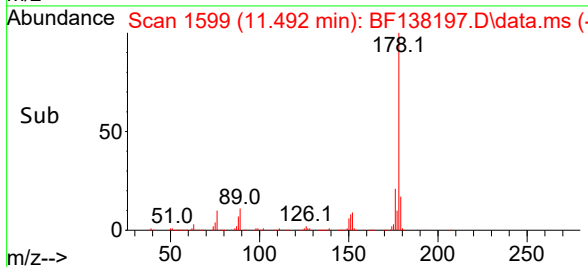
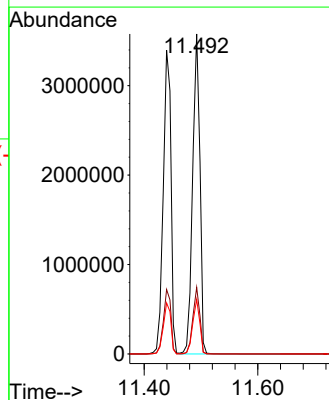
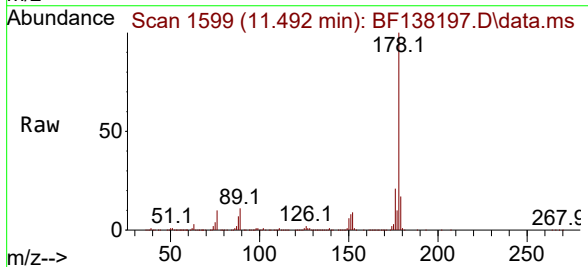
Instrument :
BNA_F
ClientSampleId :
PB161404BS

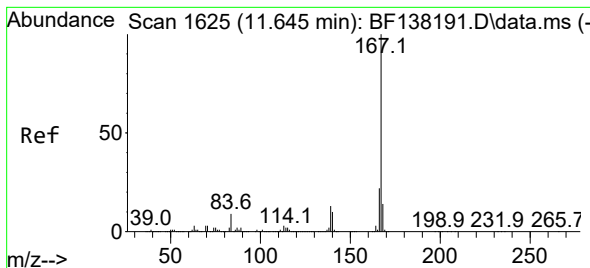
Tgt Ion:178 Resp: 3193377
Ion Ratio Lower Upper
178 100
176 21.2 16.4 24.6
179 16.8 13.1 19.7



#72
Anthracene
Concen: 41.891 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:178 Resp: 3180828
Ion Ratio Lower Upper
178 100
176 20.8 15.7 23.5
179 17.1 13.0 19.6





#73

Carbazole

Concen: 41.526 ng

RT: 11.645 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

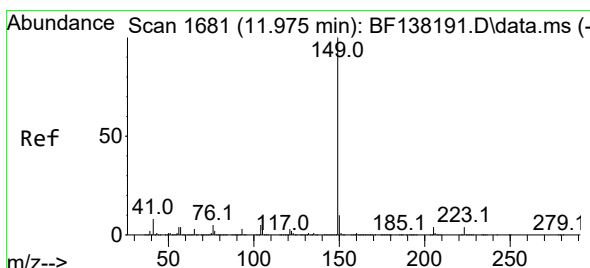
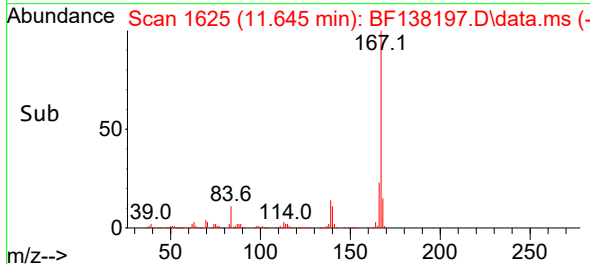
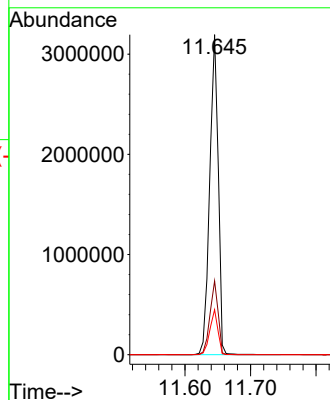
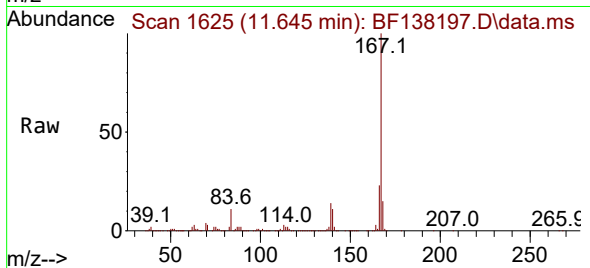
Tgt Ion:167 Resp: 2891953

Ion Ratio Lower Upper

167 100

166 23.1 18.0 27.0

139 14.0 10.6 16.0



#74

Di-n-butylphthalate

Concen: 43.895 ng

RT: 11.975 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

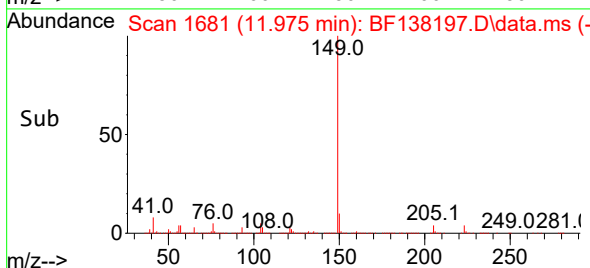
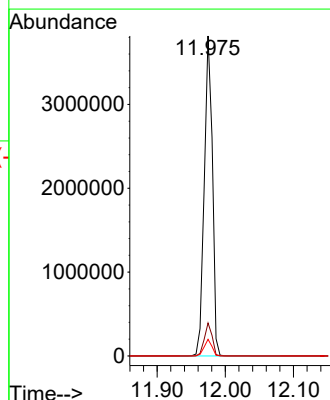
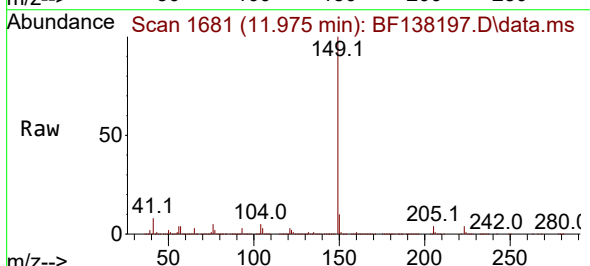
Tgt Ion:149 Resp: 3164681

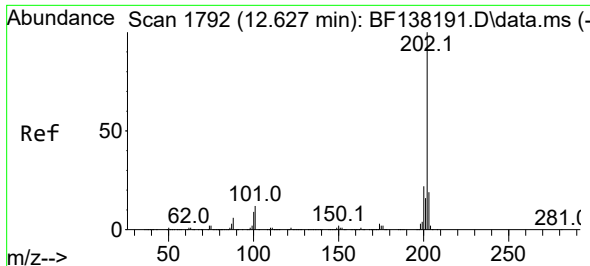
Ion Ratio Lower Upper

149 100

150 10.3 8.2 12.2

104 5.2 4.1 6.1

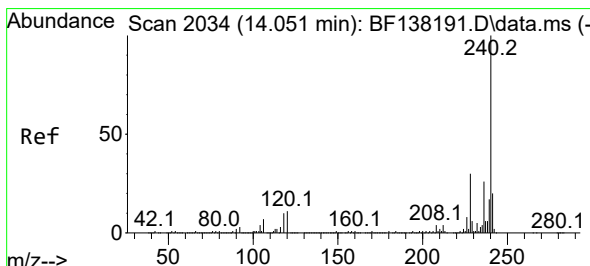
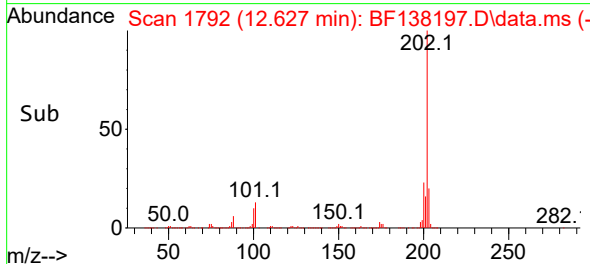
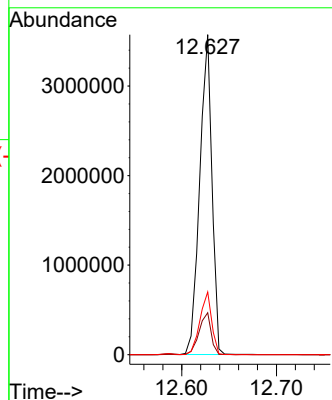
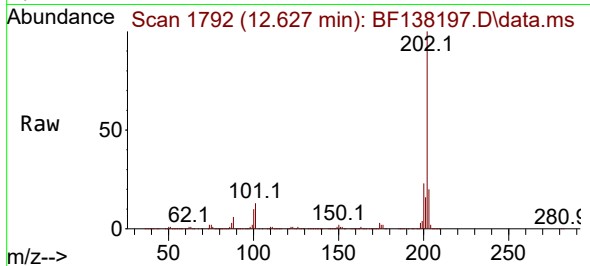




#75
Fluoranthene
Concen: 41.333 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

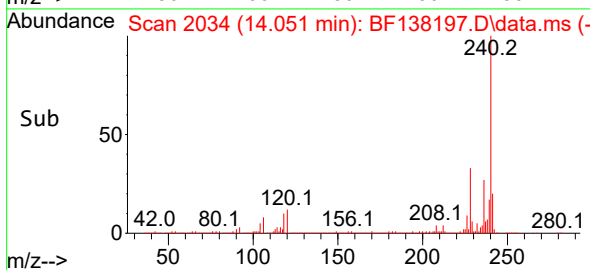
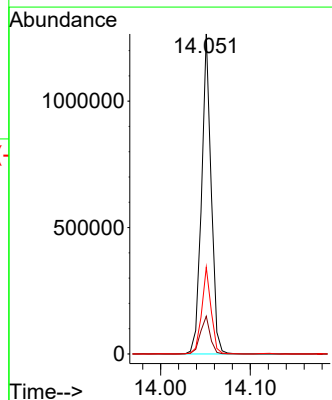
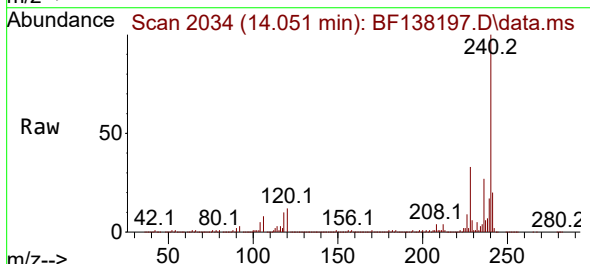
Instrument :
BNA_F
ClientSampleId :
PB161404BS

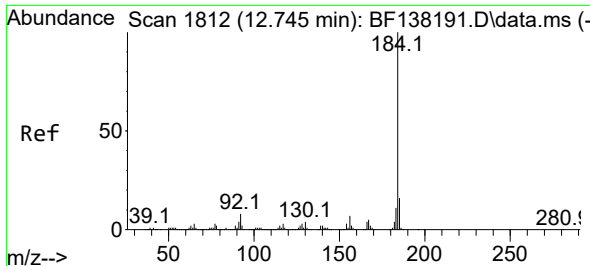
Tgt Ion:202 Resp: 3223302
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.8
203 19.6 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:240 Resp: 939838
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 27.1 21.0 31.6

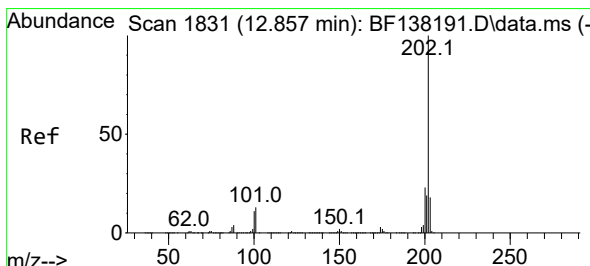
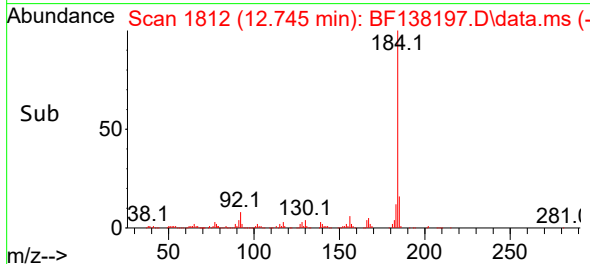
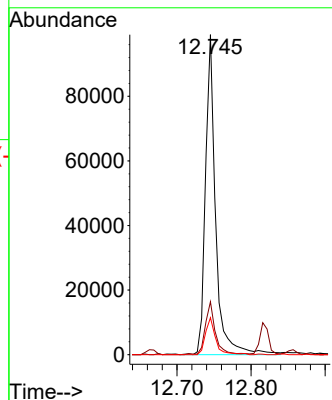
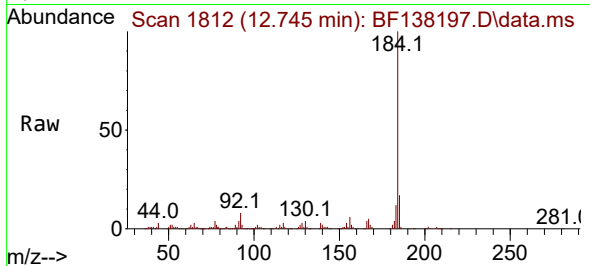




#77
Benzidine
Concen: 8.703 ng
RT: 12.745 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

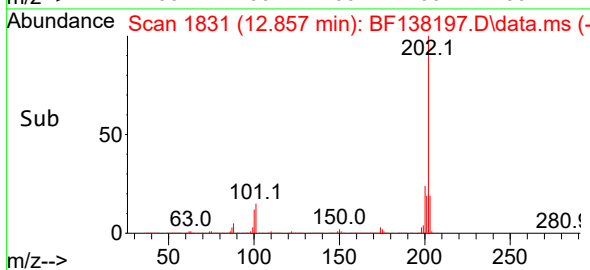
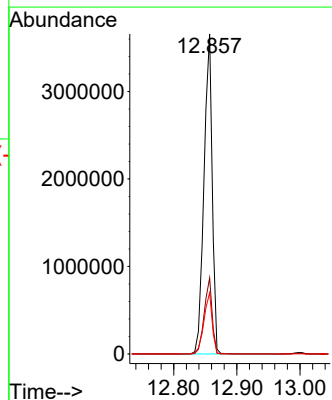
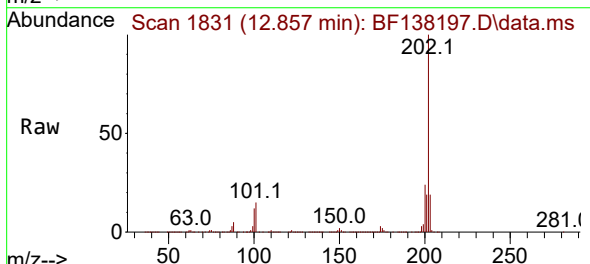
Instrument :
BNA_F
ClientSampleId :
PB161404BS

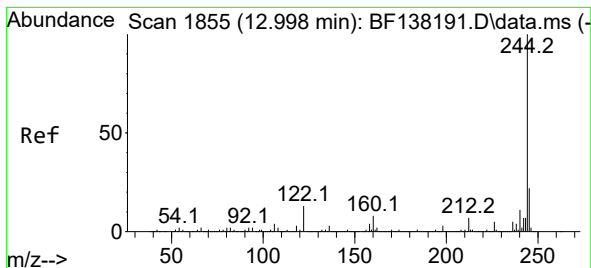
Tgt Ion:184 Resp: 94607
Ion Ratio Lower Upper
184 100
185 16.6 12.6 19.0
183 11.6 9.0 13.6



#78
Pyrene
Concen: 40.788 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:202 Resp: 3306547
Ion Ratio Lower Upper
202 100
200 23.8 18.0 27.0
203 19.1 14.7 22.1





#79

Terphenyl-d14

Concen: 74.984 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.000 min

Lab File: BF138197.D

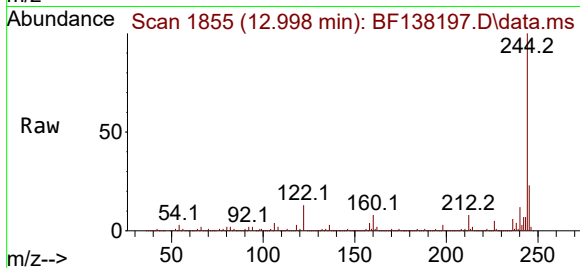
Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

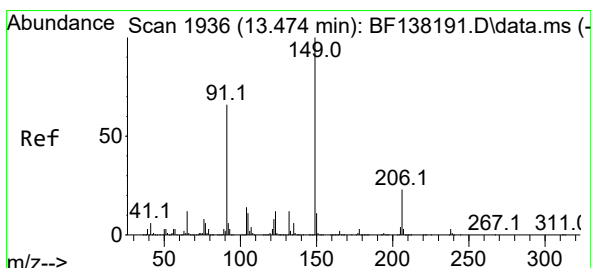
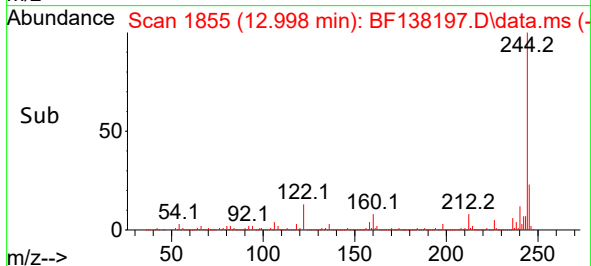
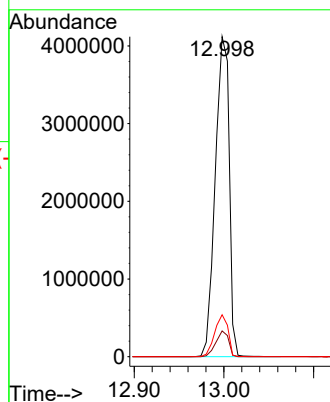
ClientSampleId :

PB161404BS



Tgt Ion:244 Resp: 4449504

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	13.1	10.6	15.8



#80

Butylbenzylphthalate

Concen: 53.285 ng

RT: 13.474 min Scan# 1936

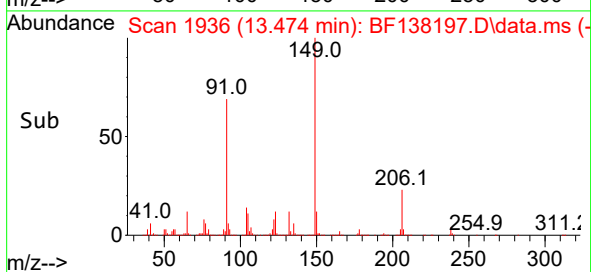
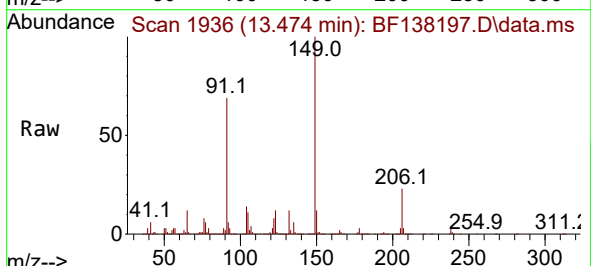
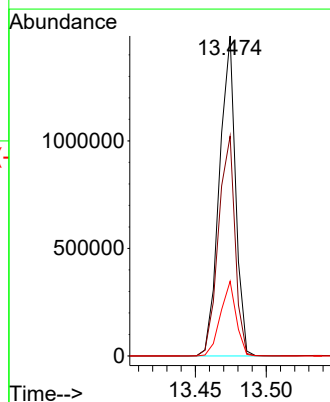
Delta R.T. -0.000 min

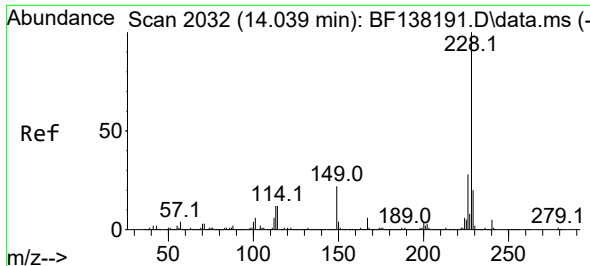
Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Tgt Ion:149 Resp: 1174968

Ion	Ratio	Lower	Upper
149	100		
91	68.7	53.2	79.8
206	23.4	18.6	27.8

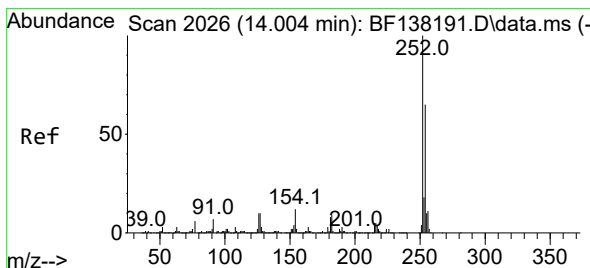
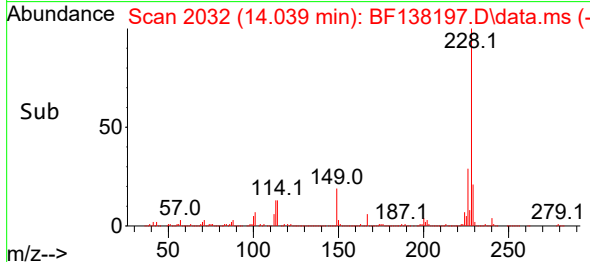
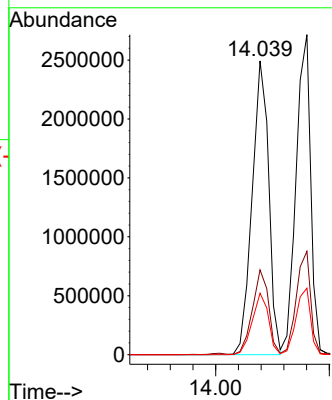
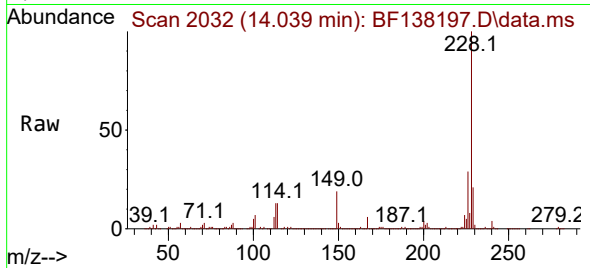




#81
Benzo(a)anthracene
Concen: 42.022 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

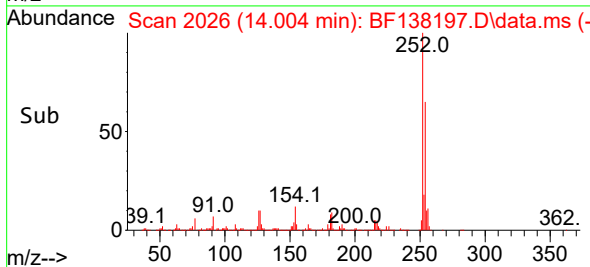
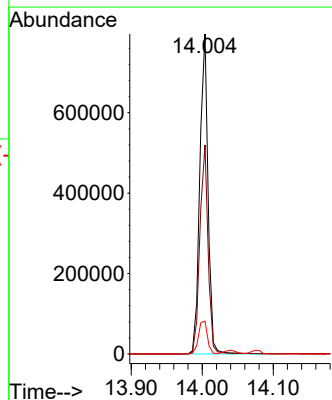
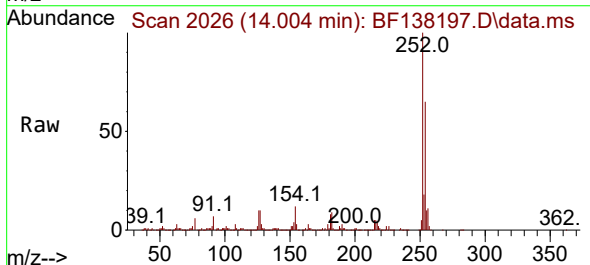
Instrument :
BNA_F
ClientSampleId :
PB161404BS

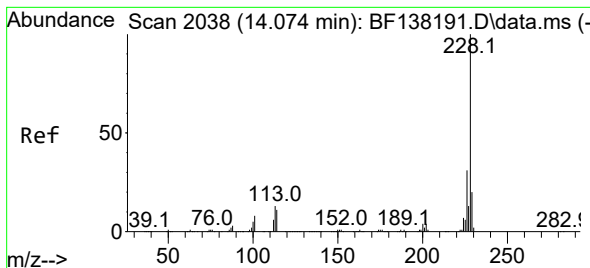
Tgt Ion:228 Resp: 2533742
Ion Ratio Lower Upper
228 100
226 28.9 22.5 33.7
229 20.9 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 38.833 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:252 Resp: 644790
Ion Ratio Lower Upper
252 100
254 65.3 51.8 77.6
126 10.2 8.3 12.5





#83

Chrysene

Concen: 42.371 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

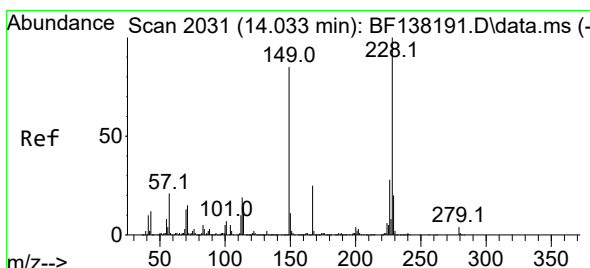
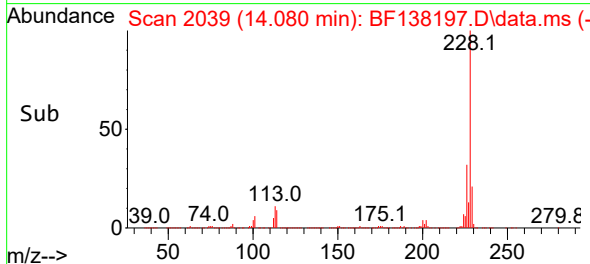
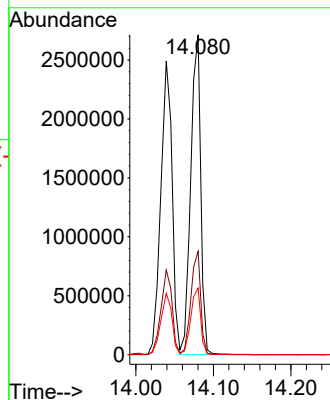
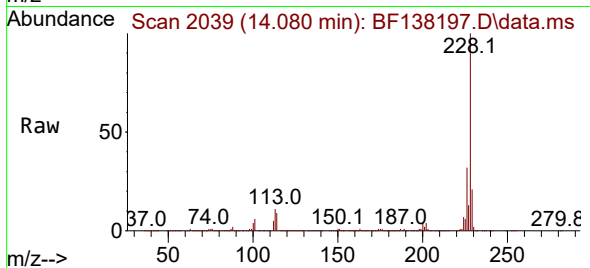
Tgt Ion:228 Resp: 2435164

Ion Ratio Lower Upper

228 100

226 32.3 24.5 36.7

229 20.8 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.742 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

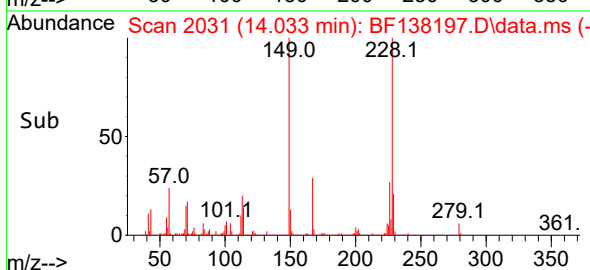
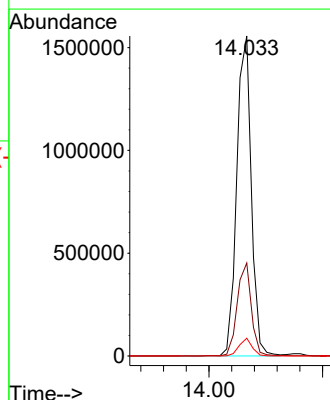
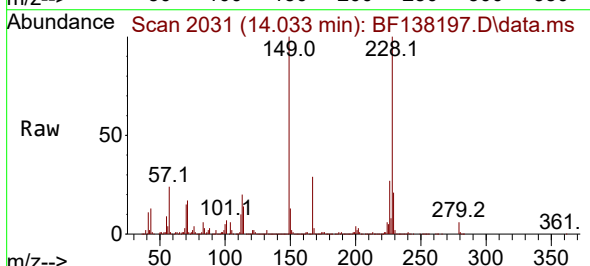
Tgt Ion:149 Resp: 1378288

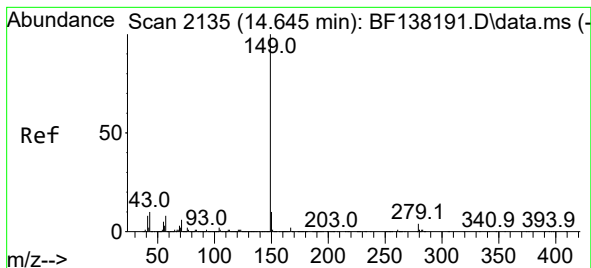
Ion Ratio Lower Upper

149 100

167 29.1 23.5 35.3

279 5.5 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 48.965 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

Instrument :

BNA_F

ClientSampleId :

PB161404BS

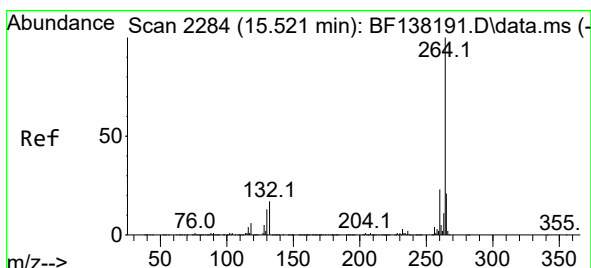
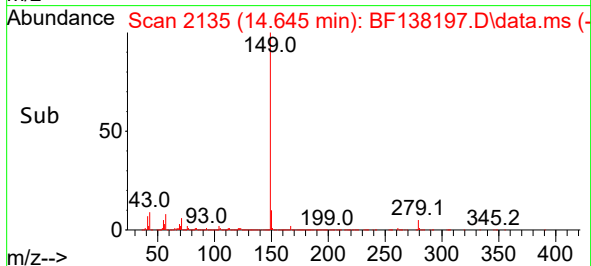
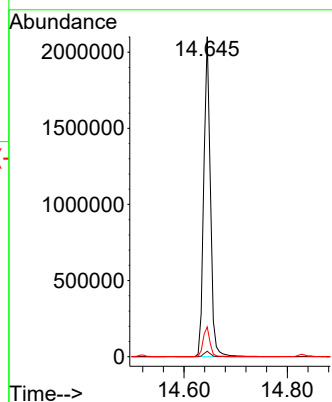
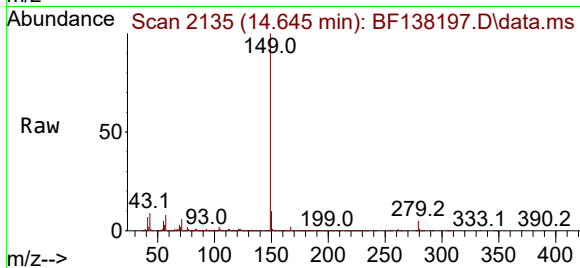
Tgt Ion:149 Resp: 1865605

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.6 7.8 11.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138197.D

Acq: 12 Jun 2024 16:46

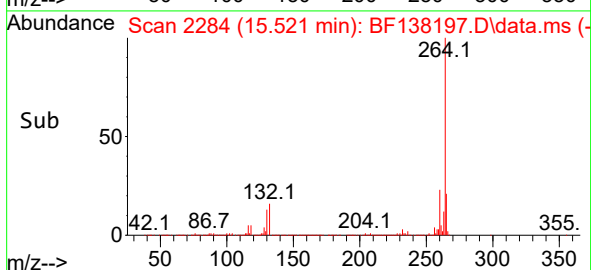
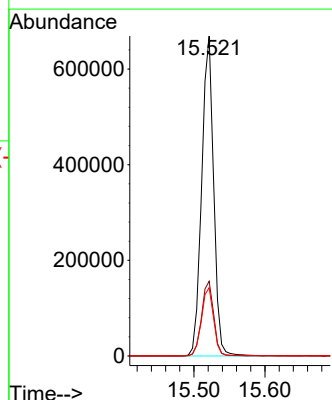
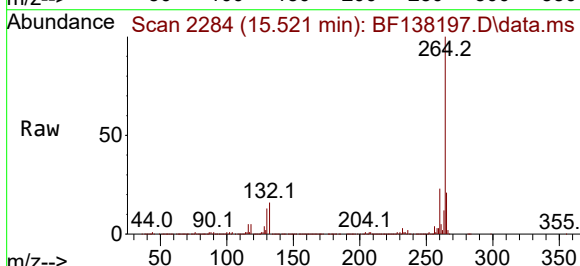
Tgt Ion:264 Resp: 784839

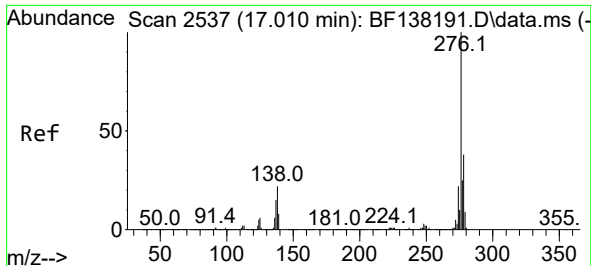
Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.4 17.0 25.6

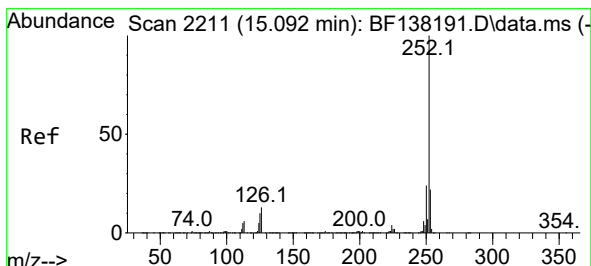
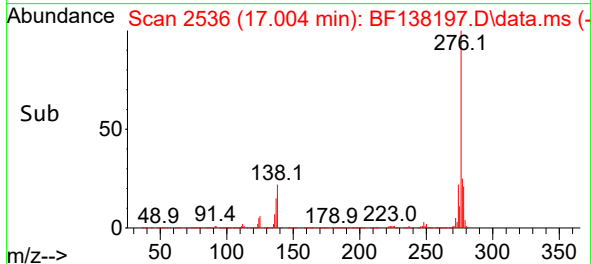
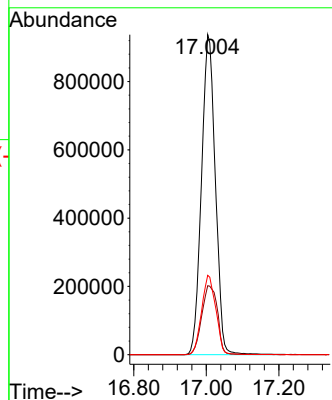
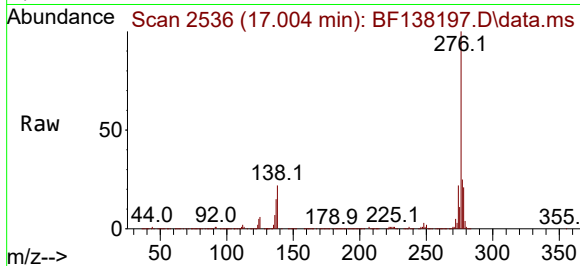




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.600 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

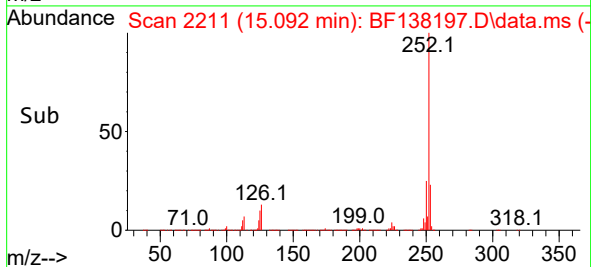
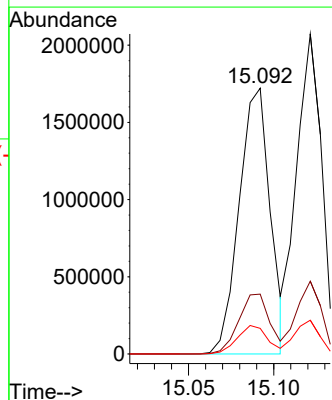
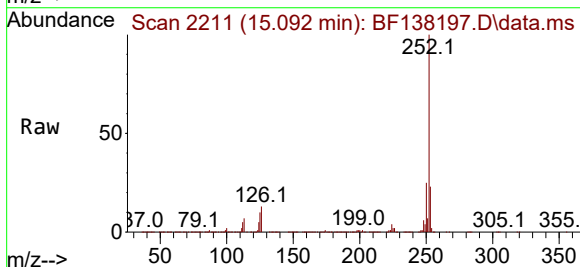
Instrument :
BNA_F
ClientSampleId :
PB161404BS

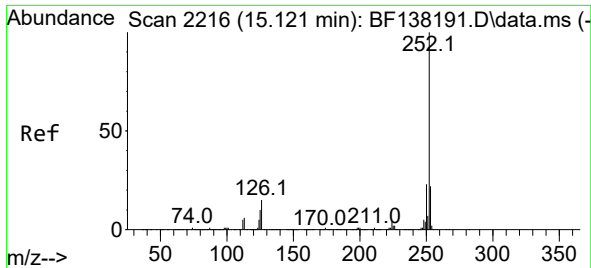
Tgt Ion:276 Resp: 2486578
Ion Ratio Lower Upper
276 100
138 24.4 19.3 28.9
277 25.4 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 47.111 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:252 Resp: 2180428
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 9.7 7.8 11.8

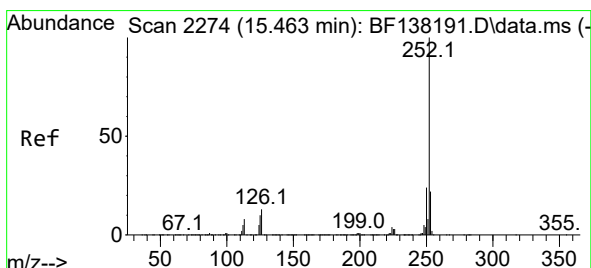
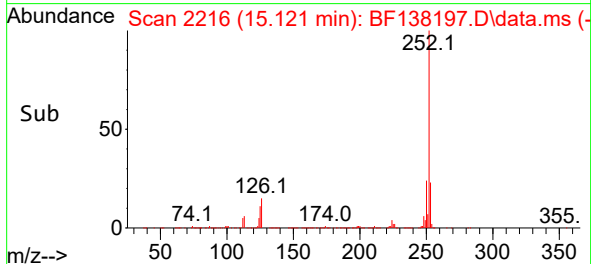
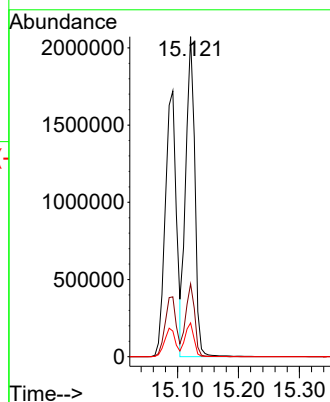
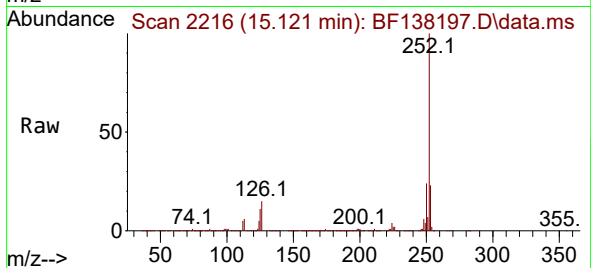




#89
Benzo(k)fluoranthene
Concen: 47.535 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

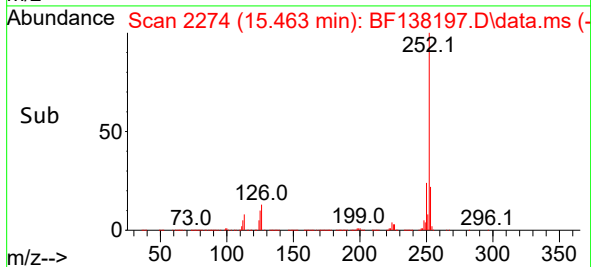
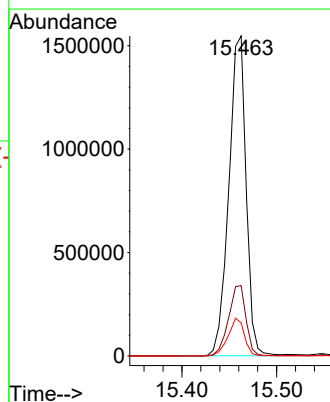
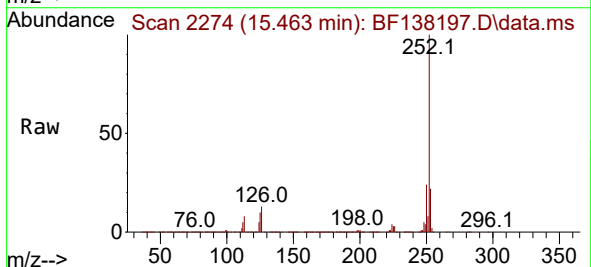
Instrument :
BNA_F
ClientSampleId :
PB161404BS

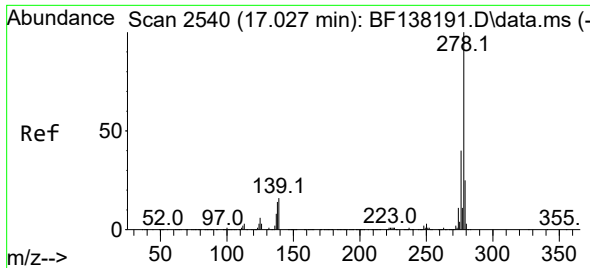
Tgt Ion:252 Resp: 2156128
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.5 8.0 12.0



#90
Benzo(a)pyrene
Concen: 49.368 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:252 Resp: 1962946
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.3 8.2 12.2

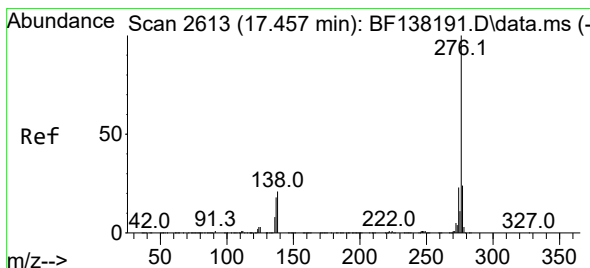
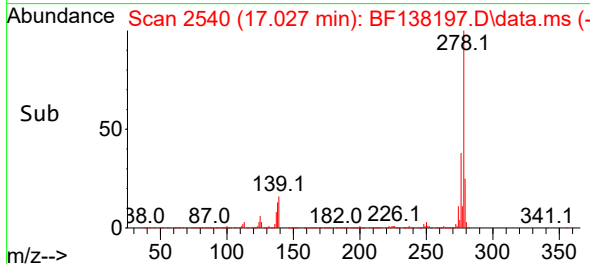
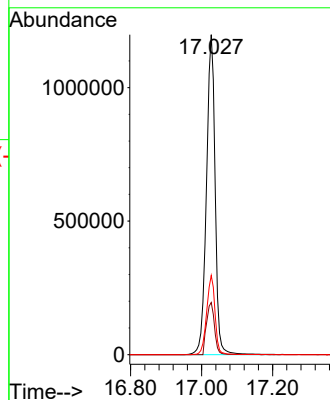
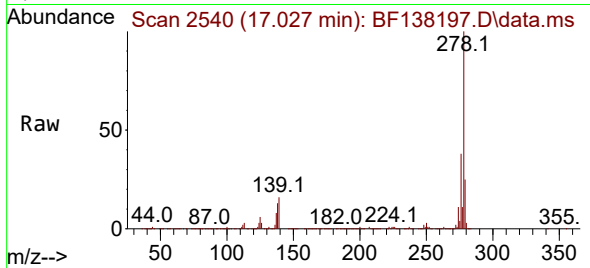




#91
Dibenzo(a,h)anthracene
Concen: 48.806 ng
RT: 17.027 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Instrument :
BNA_F
ClientSampleId :
PB161404BS

Tgt Ion:278 Resp: 2049655
Ion Ratio Lower Upper
278 100
139 16.3 12.9 19.3
279 24.7 19.9 29.9



#92
Benzo(g,h,i)perylene
Concen: 45.533 ng
RT: 17.457 min Scan# 2613
Delta R.T. -0.000 min
Lab File: BF138197.D
Acq: 12 Jun 2024 16:46

Tgt Ion:276 Resp: 1978199
Ion Ratio Lower Upper
276 100
277 24.3 19.5 29.3
138 22.3 16.6 24.8

