

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053512.D
 Acq On : 10 May 2022 17:39
 Operator : CG/JU
 Sample : N2763-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220509MS

Quant Time: May 11 06:03:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	20576	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	84140	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	67041	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	180042	20.000	ng	0.00
76) Chrysene-d12	21.736	240	189572	20.000	ng	0.00
86) Perylene-d12	25.020	264	202911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	77493	63.917	ng	0.00
7) Phenol-d6	7.250	99	69046	37.525	ng	0.00
23) Nitrobenzene-d5	9.253	82	182671	92.418	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	143330	144.957	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	408879	89.123	ng	0.00
79) Terphenyl-d14	20.062	244	794124	78.020	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.531	88	11841	18.614	ng	93
3) Pyridine	3.936	79	22659	14.586	ng	93
4) n-Nitrosodimethylamine	3.848	42	17357	22.936	ng	98
6) Aniline	7.408	93	59909	29.397	ng	98
8) 2-Chlorophenol	7.655	128	55708	43.953	ng	96
9) Benzaldehyde	7.220	77	53270	45.572	ng	96
10) Phenol	7.279	94	27762	15.427	ng	95
11) bis(2-Chloroethyl)ether	7.496	93	67808	50.522	ng	95
12) 1,3-Dichlorobenzene	7.978	146	66530	44.495	ng	91
13) 1,4-Dichlorobenzene	8.119	146	69575	46.112	ng	95
14) 1,2-Dichlorobenzene	8.442	146	66269	46.772	ng	96
15) Benzyl Alcohol	8.325	79	47779	31.059	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.612	45	111414	51.004	ng	100
17) 2-Methylphenol	8.530	107	43541	35.797	ng	96
18) Hexachloroethane	9.176	117	24939	43.525	ng	96
19) n-Nitroso-di-n-propyla...	8.889	70	67633	51.230	ng	94
20) 3+4-Methylphenols	8.859	107	50993	29.685	ng	97
22) Acetophenone	8.906	105	115123	49.993	ng	# 99
24) Nitrobenzene	9.294	77	101286	52.944	ng	99
25) Isophorone	9.811	82	185264	55.693	ng	99
26) 2-Nitrophenol	10.011	139	37962	48.994	ng	98
27) 2,4-Dimethylphenol	10.063	122	60478	51.865	ng	96
28) bis(2-Chloroethoxy)met...	10.292	93	97831	51.135	ng	97
29) 2,4-Dichlorophenol	10.551	162	70728	50.256	ng	91
30) 1,2,4-Trichlorobenzene	10.762	180	75939	47.492	ng	93
31) Naphthalene	10.950	128	206342	48.211	ng	98
32) Benzoic acid	10.228	122	21795	33.101	ng	# 86
33) 4-Chloroaniline	11.056	127	45562	25.419	ng	94
34) Hexachlorobutadiene	11.232	225	52423	44.213	ng	97
35) Caprolactam	11.855	113	1913	3.741	ng	# 82
36) 4-Chloro-3-methylphenol	12.172	107	78780	46.797	ng	99
37) 2-Methylnaphthalene	12.548	142	160257	50.173	ng	98
38) 1-Methylnaphthalene	12.766	142	152907	49.066	ng	97
40) 1,2,4,5-Tetrachloroben...	12.918	216	103640	49.044	ng	99
41) Hexachlorocyclopentadiene	12.895	237	86484	98.212	ng	99
43) 2,4,6-Trichlorophenol	13.153	196	69923	50.691	ng	97

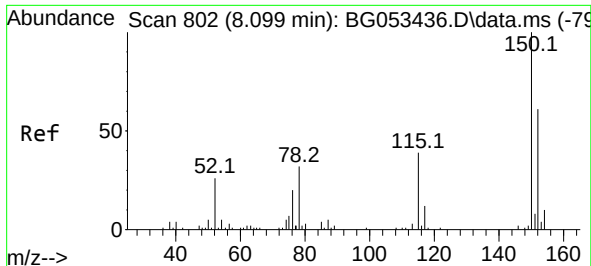
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.230	196	74742	50.911	ng	98
46) 1,1'-Biphenyl	13.547	154	226557	49.577	ng	99
47) 2-Chloronaphthalene	13.594	162	175546	49.031	ng	99
48) 2-Nitroaniline	13.794	65	73384	55.007	ng	98
49) Acenaphthylene	14.434	152	306006	53.561	ng	98
50) Dimethylphthalate	14.158	163	266093	52.232	ng	100
51) 2,6-Dinitrotoluene	14.281	165	56651	54.582	ng	94
52) Acenaphthene	14.775	154	170907	50.196	ng	99
53) 3-Nitroaniline	14.616	138	31352	27.957	ng	99
54) 2,4-Dinitrophenol	14.828	184	67378	100.530	ng	95
55) Dibenzofuran	15.110	168	304077	49.721	ng	98
56) 4-Nitrophenol	14.933	139	32482	40.552	ng	95
57) 2,4-Dinitrotoluene	15.074	165	84780	56.353	ng	91
58) Fluorene	15.756	166	255380	52.036	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.339	232	73537	49.369	ng	# 100
60) Diethylphthalate	15.521	149	277530	52.738	ng	98
61) 4-Chlorophenyl-phenyle...	15.744	204	139382	50.896	ng	98
62) 4-Nitroaniline	15.779	138	57888	49.767	ng	96
63) Azobenzene	16.038	77	281434	52.226	ng	99
65) 4,6-Dinitro-2-methylph...	15.844	198	52803	49.219	ng	94
66) n-Nitrosodiphenylamine	15.961	169	229267	48.501	ng	99
67) 4-Bromophenyl-phenylether	16.637	248	102140	48.576	ng	95
68) Hexachlorobenzene	16.772	284	113792	49.414	ng	96
69) Atrazine	16.907	200	106903	53.720	ng	96
70) Pentachlorophenol	17.119	266	118591	94.718	ng	92
71) Phenanthrene	17.500	178	460345	50.285	ng	97
72) Anthracene	17.588	178	471619	52.412	ng	99
73) Carbazole	17.859	167	447368	50.728	ng	99
74) Di-n-butylphthalate	18.405	149	523310	52.762	ng	99
75) Fluoranthene	19.509	202	620921	52.382	ng	100
77) Benzidine	19.680	184	277523	67.921	ng	99
78) Pyrene	19.868	202	619804	50.506	ng	99
80) Butylbenzylphthalate	20.743	149	235673	52.371	ng	97
81) Benzo(a)anthracene	21.718	228	631620	52.238	ng	99
82) 3,3'-Dichlorobenzidine	21.624	252	124291	40.536	ng	96
83) Chrysene	21.789	228	575371	50.950	ng	97
84) Bis(2-ethylhexyl)phtha...	21.607	149	340105	54.757	ng	98
85) Di-n-octyl phthalate	22.828	149	566272	53.916	ng	100
87) Indeno(1,2,3-cd)pyrene	28.785	276	716577	50.705	ng	# 55
88) Benzo(b)fluoranthene	23.974	252	656729	54.679	ng	99
89) Benzo(k)fluoranthene	24.044	252	616583	52.242	ng	98
90) Benzo(a)pyrene	24.867	252	628034	61.434	ng	98
91) Dibenzo(a,h)anthracene	28.826	278	623282	53.524	ng	98
92) Benzo(g,h,i)perylene	29.960	276	626044	54.236	ng	97

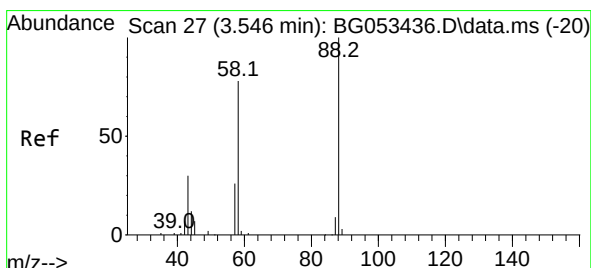
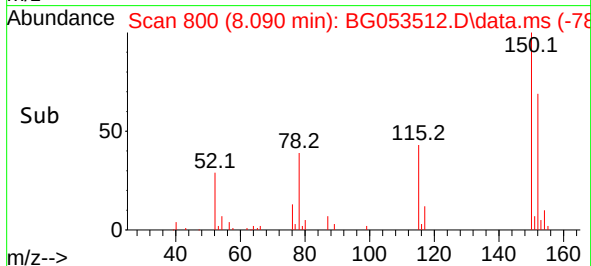
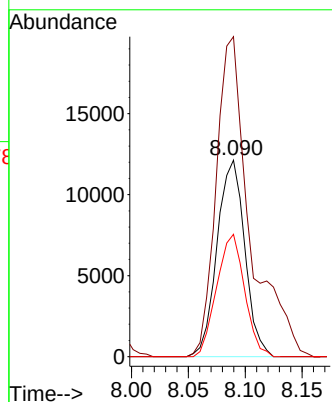
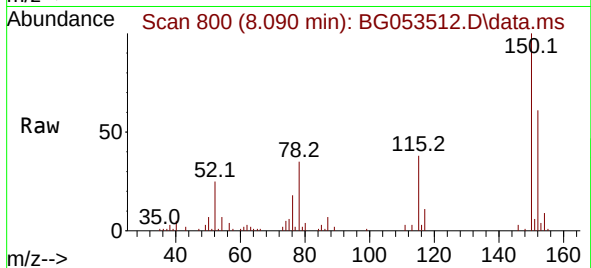
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.090 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BG053512.D
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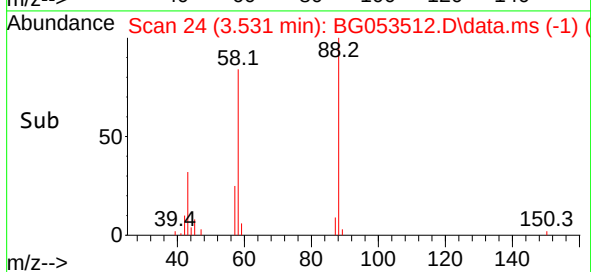
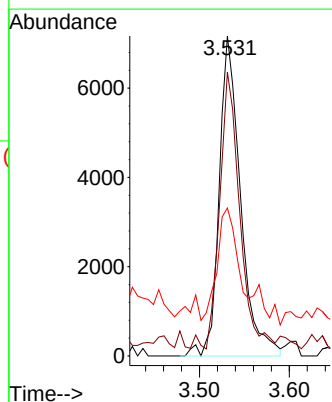
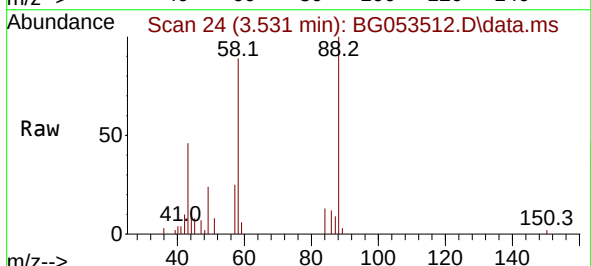
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 BNA_G
 ClientSampleId :
 MW-4-20220509MS

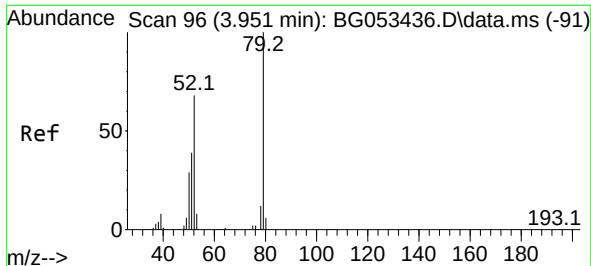
Tgt Ion:152 Resp: 20576
 Ion Ratio Lower Upper
 152 100
 150 162.9 131.6 197.4
 115 62.3 50.9 76.3



#2
 1,4-Dioxane
 Concen: 18.614 ng
 RT: 3.531 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BG053512.D
 Acq: 10 May 2022 17:39

Tgt Ion: 88 Resp: 11841
 Ion Ratio Lower Upper
 88 100
 58 80.8 59.2 88.8
 43 33.4 24.3 36.5

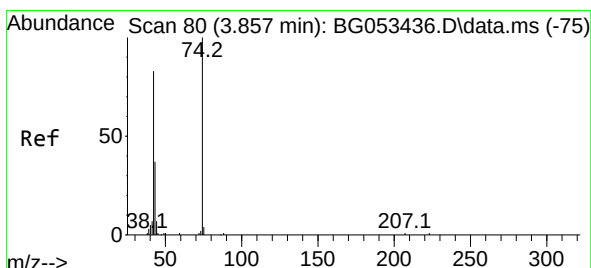
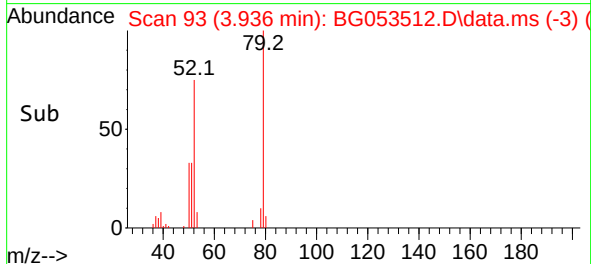
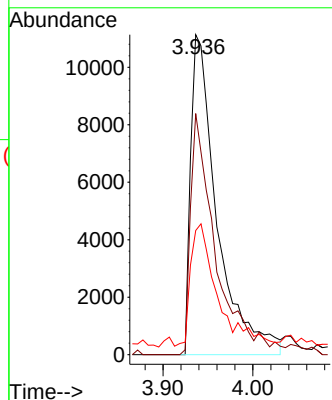
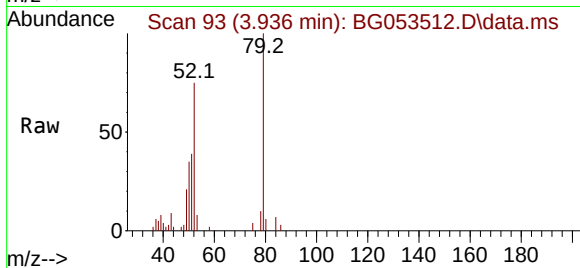




#3
Pyridine
Concen: 14.586 ng
RT: 3.936 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

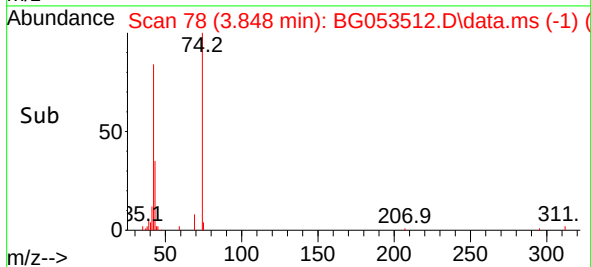
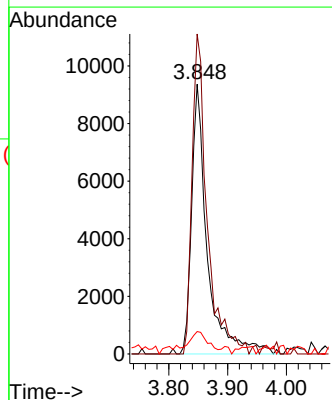
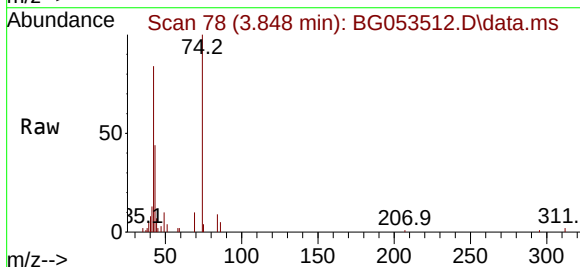
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

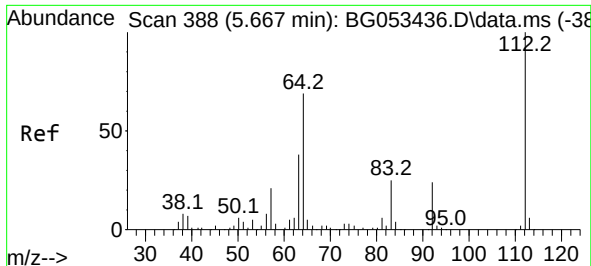
Tgt Ion:	79	Resp:	22659
Ion	Ratio	Lower	Upper
79	100		
52	75.3	54.6	81.8
51	38.8	32.5	48.7



#4
n-Nitrosodimethylamine
Concen: 22.936 ng
RT: 3.848 min Scan# 78
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:	42	Resp:	17357
Ion	Ratio	Lower	Upper
42	100		
74	118.6	97.0	145.4
44	8.3	7.0	10.4

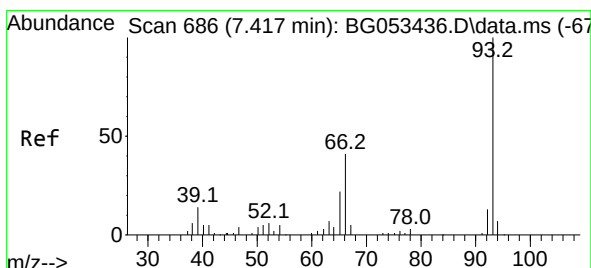
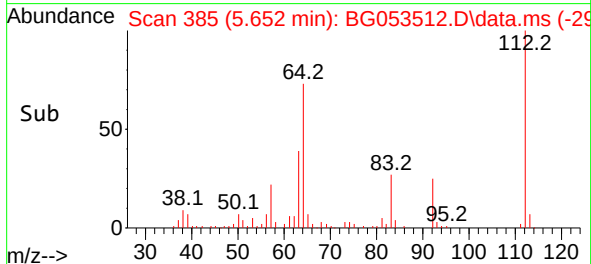
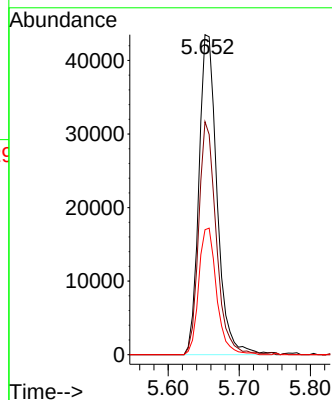
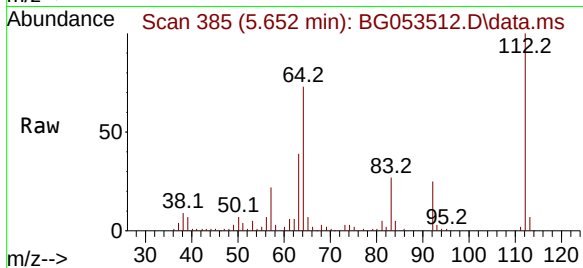




#5
2-Fluorophenol
Concen: 63.917 ng
RT: 5.652 min Scan# 385
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

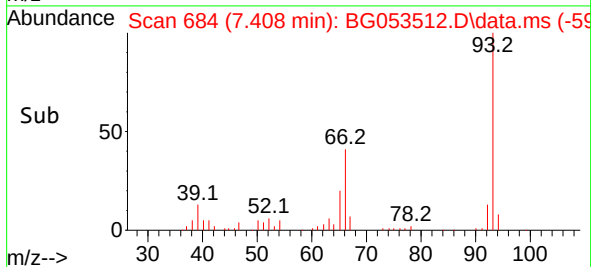
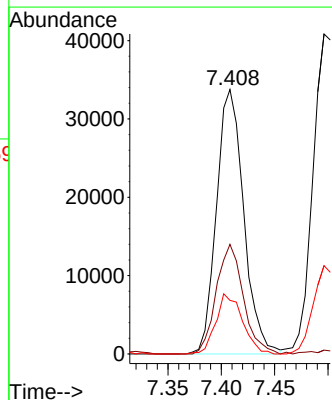
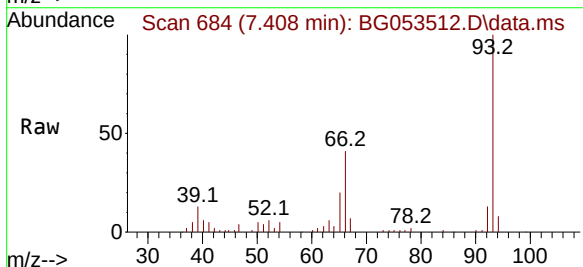
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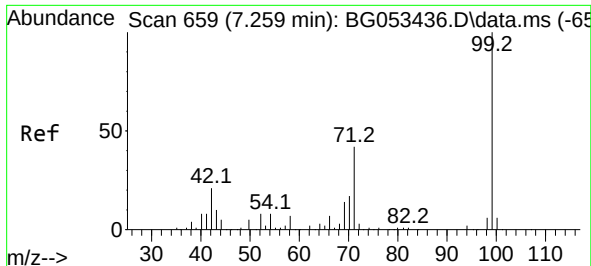
Tgt Ion:112 Resp: 77493
Ion Ratio Lower Upper
112 100
64 72.8 55.1 82.7
63 39.1 30.4 45.6



#6
Aniline
Concen: 29.397 ng
RT: 7.408 min Scan# 684
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion: 93 Resp: 59909
Ion Ratio Lower Upper
93 100
66 41.5 32.9 49.3
65 20.3 17.8 26.8

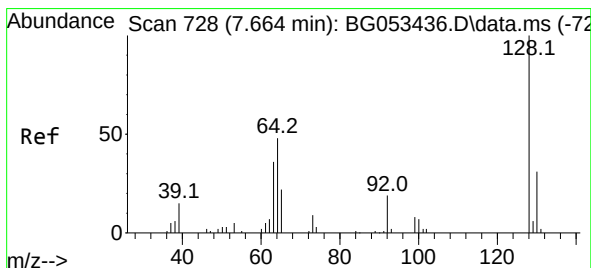
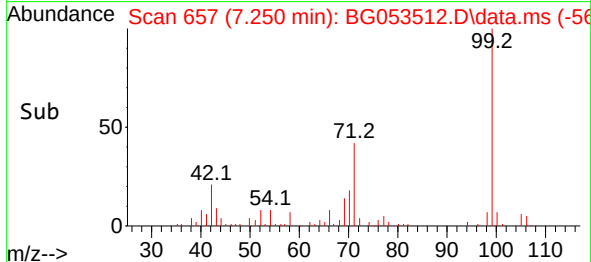
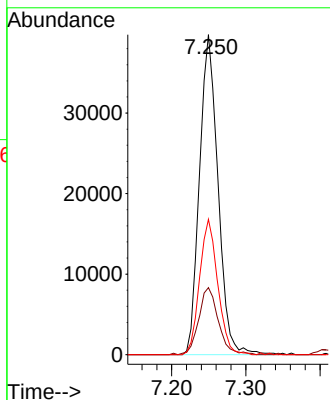
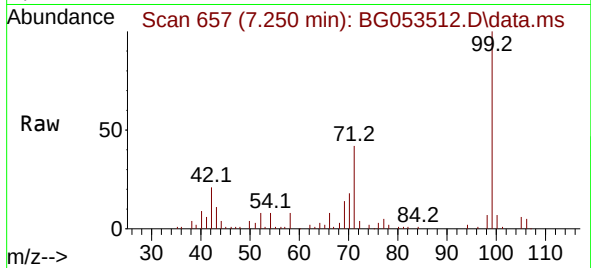




#7
Phenol-d6
Concen: 37.525 ng
RT: 7.250 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

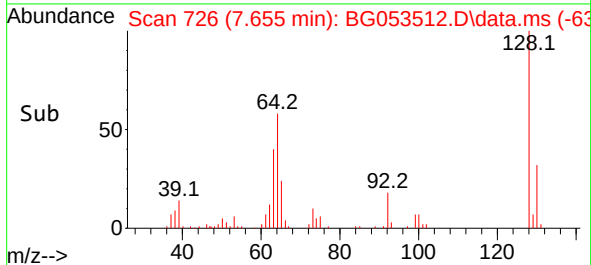
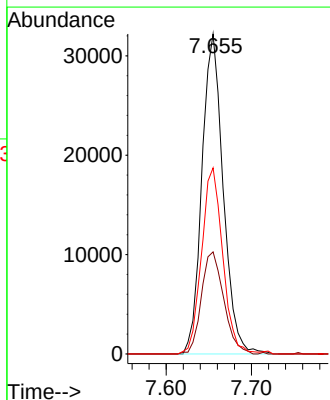
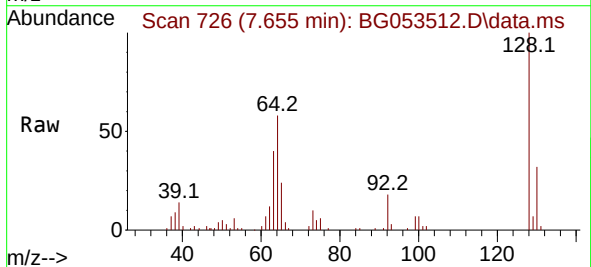
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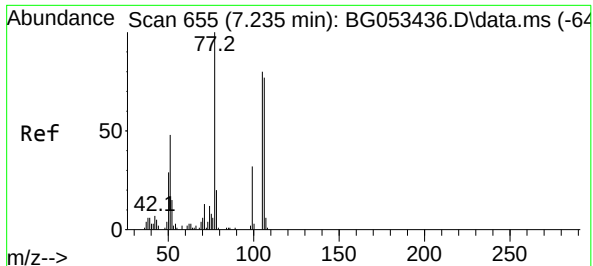
Tgt Ion: 99 Resp: 69046
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 42.3 33.8 50.8



#8
2-Chlorophenol
Concen: 43.953 ng
RT: 7.655 min Scan# 726
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion: 128 Resp: 55708
Ion Ratio Lower Upper
128 100
130 31.9 10.5 50.5
64 58.1 35.1 75.1

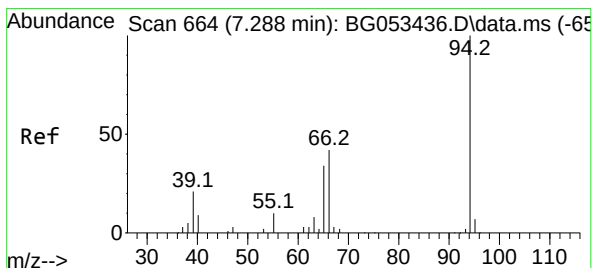
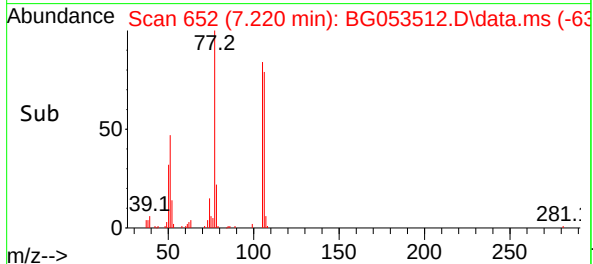
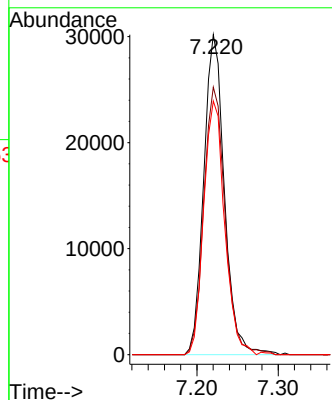
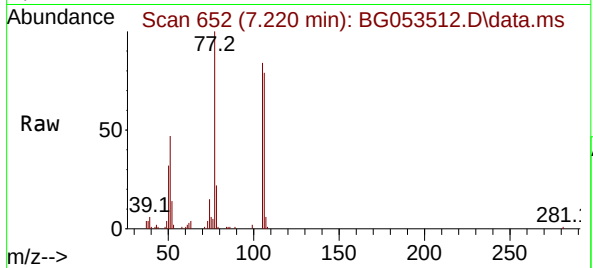




#9
Benzaldehyde
Concen: 45.572 ng
RT: 7.220 min Scan# 611
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

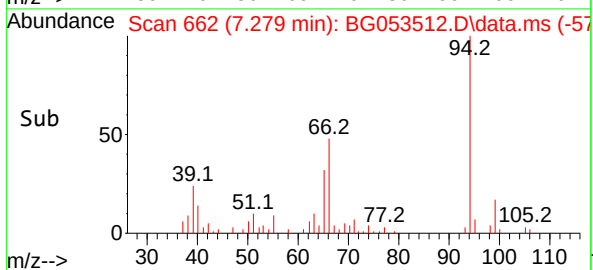
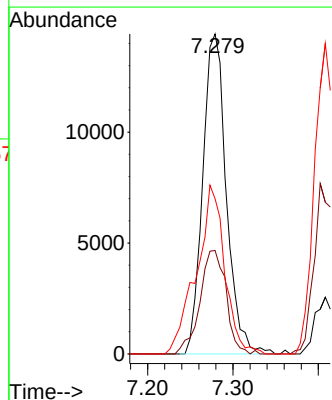
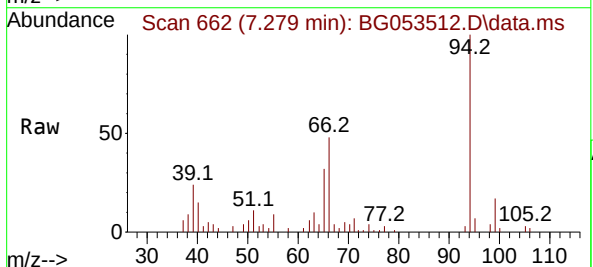
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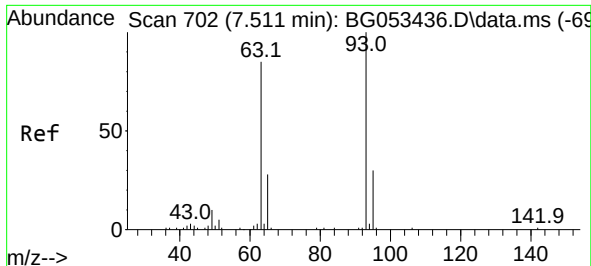
Tgt Ion: 77 Resp: 53270
Ion Ratio Lower Upper
77 100
105 83.6 59.6 99.6
106 79.2 56.8 96.8



#10
Phenol
Concen: 15.427 ng
RT: 7.279 min Scan# 662
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion: 94 Resp: 27762
Ion Ratio Lower Upper
94 100
65 32.3 14.8 54.8
66 48.5 25.2 65.2

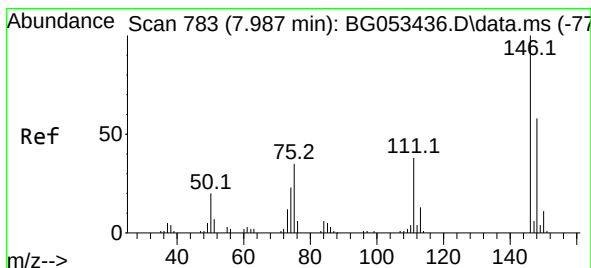
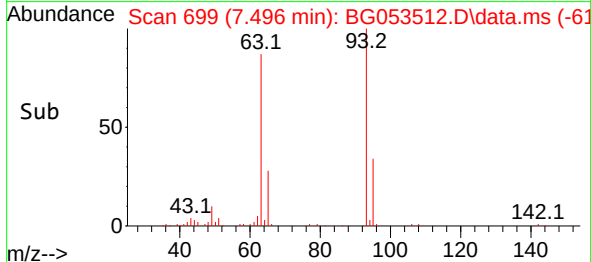
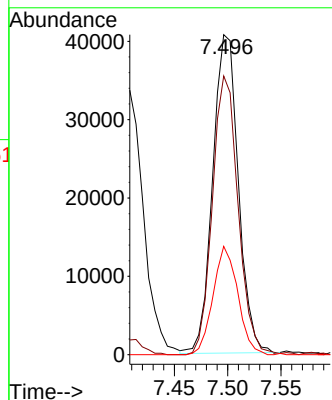
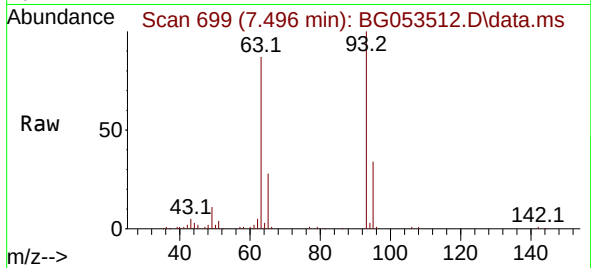




#11
bis(2-Chloroethyl)ether
Concen: 50.522 ng
RT: 7.496 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

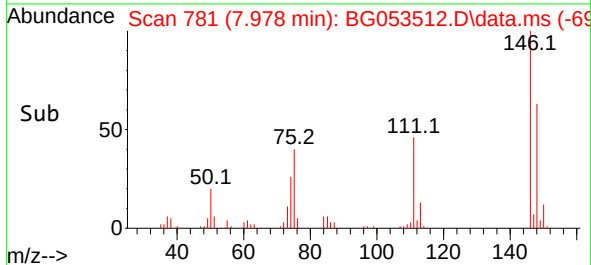
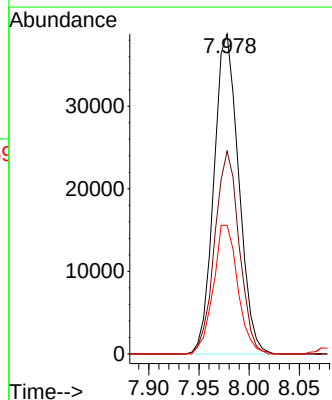
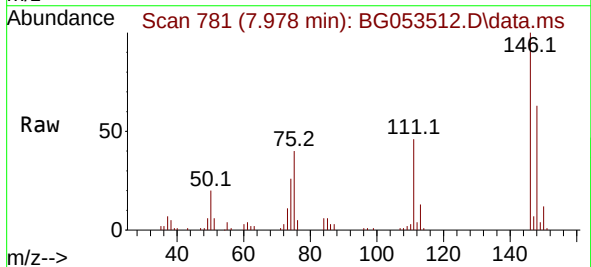
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

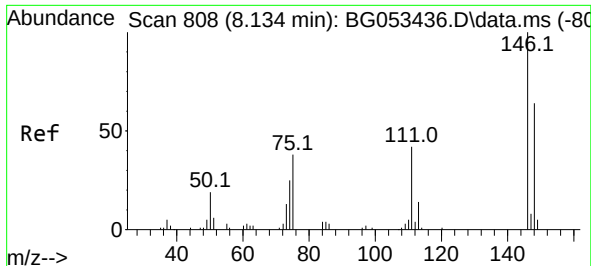
Tgt Ion: 93 Resp: 67808
Ion Ratio Lower Upper
93 100
63 87.1 63.6 103.6
95 33.8 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 44.495 ng
RT: 7.978 min Scan# 781
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion: 146 Resp: 66530
Ion Ratio Lower Upper
146 100
148 63.3 46.1 69.1
75 40.2 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 46.112 ng

RT: 8.119 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

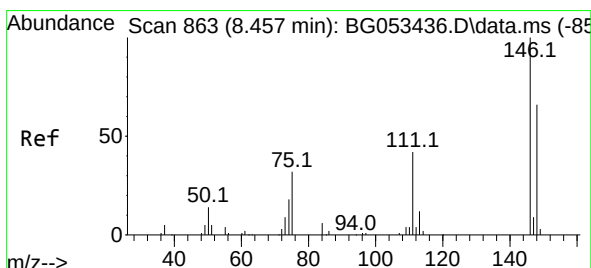
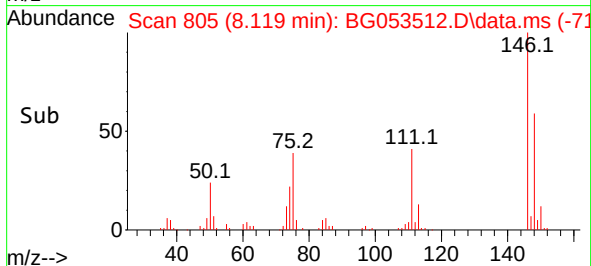
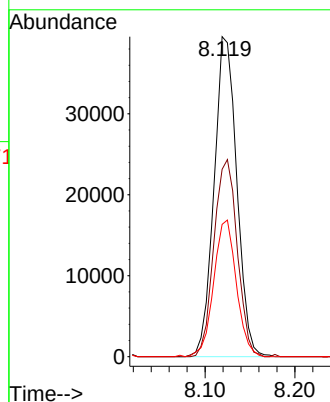
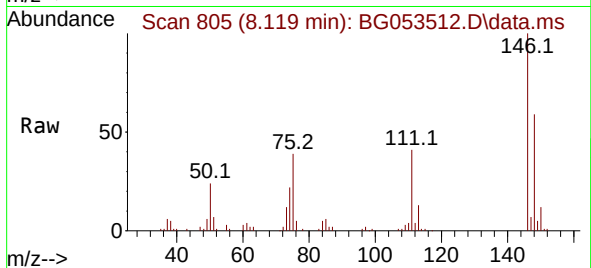
Tgt Ion:146 Resp: 69575

Ion Ratio Lower Upper

146 100

148 58.6 51.5 77.3

111 41.4 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 46.772 ng

RT: 8.442 min Scan# 860

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

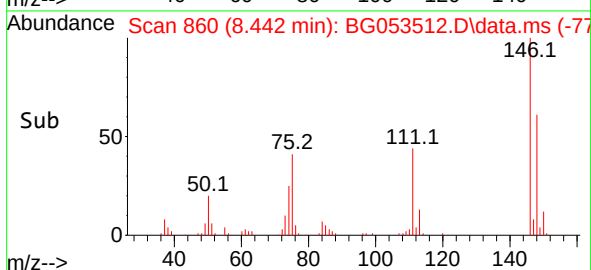
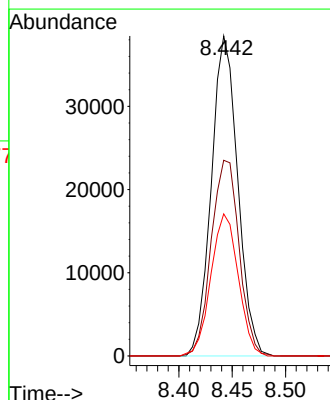
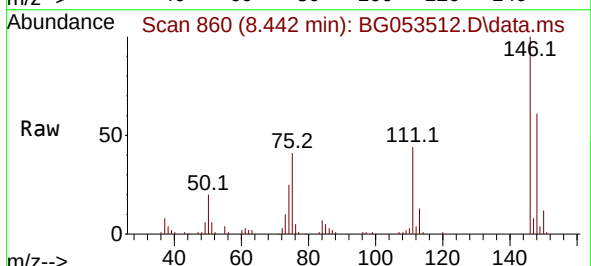
Tgt Ion:146 Resp: 66269

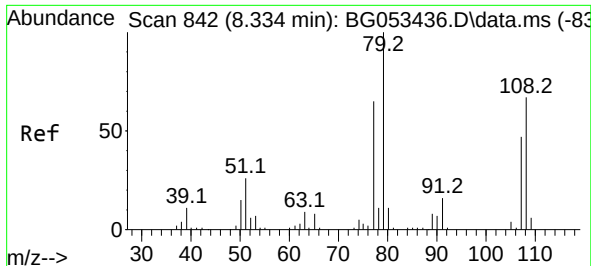
Ion Ratio Lower Upper

146 100

148 61.2 52.6 78.8

111 44.4 34.5 51.7

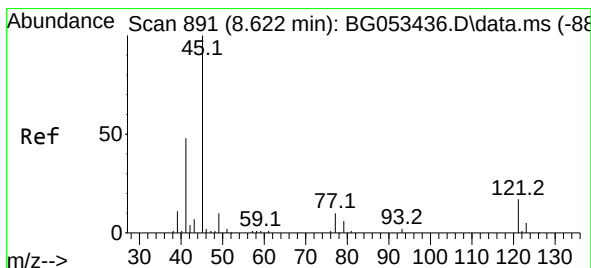
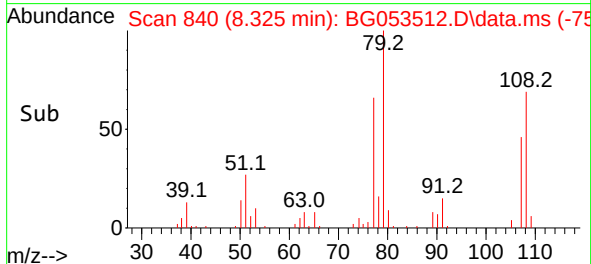
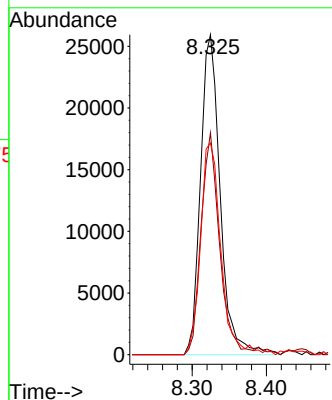
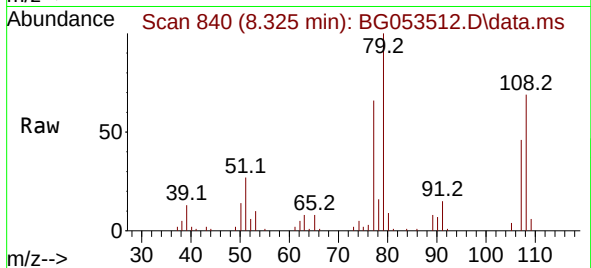




#15
Benzyl Alcohol
Concen: 31.059 ng
RT: 8.325 min Scan# 842
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

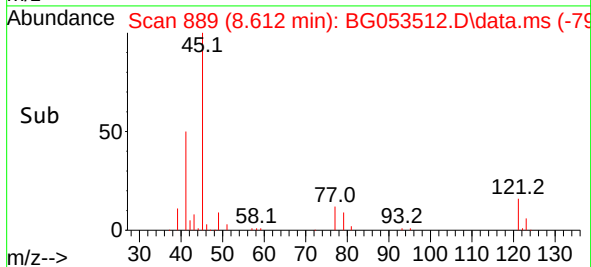
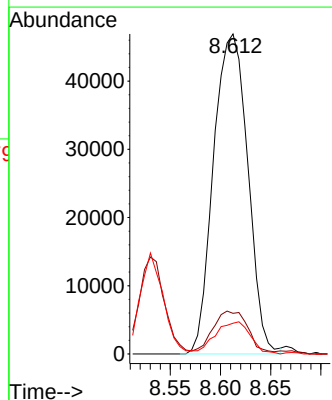
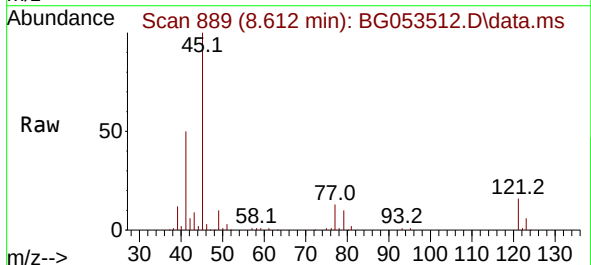
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

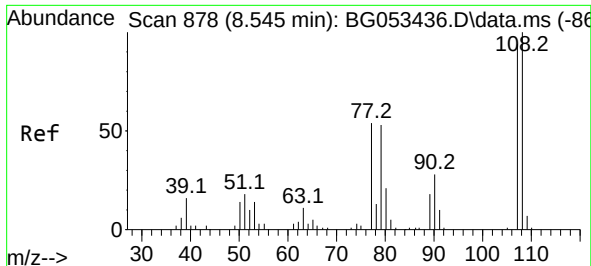
Tgt Ion: 79 Resp: 47779
Ion Ratio Lower Upper
79 100
108 69.3 53.7 80.5
77 66.2 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.004 ng
RT: 8.612 min Scan# 889
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion: 45 Resp: 111414
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.7
79 9.6 0.0 29.7

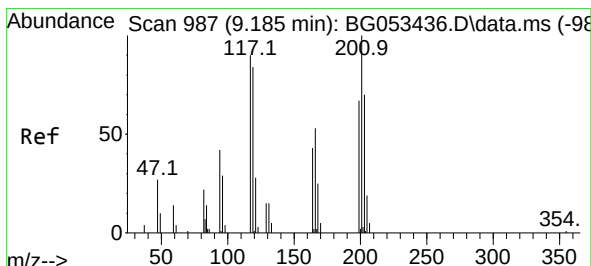
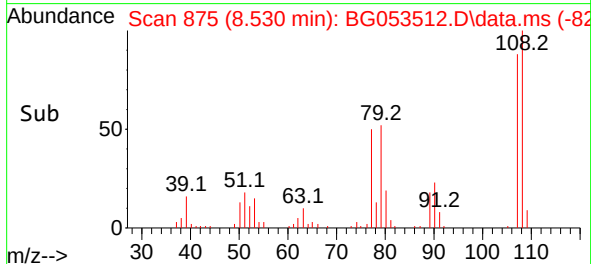
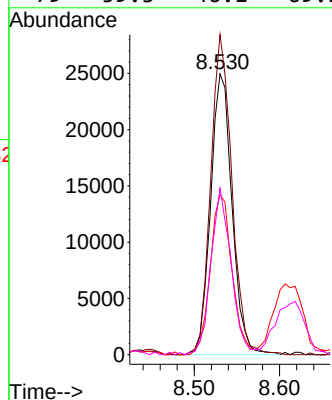
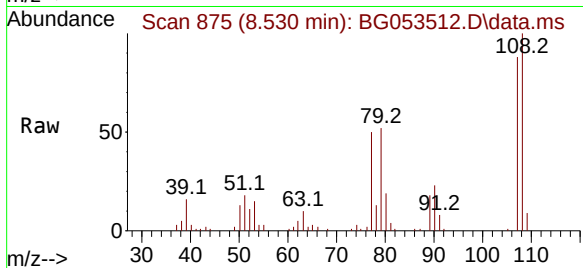




#17
2-Methylphenol
Concen: 35.797 ng
RT: 8.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

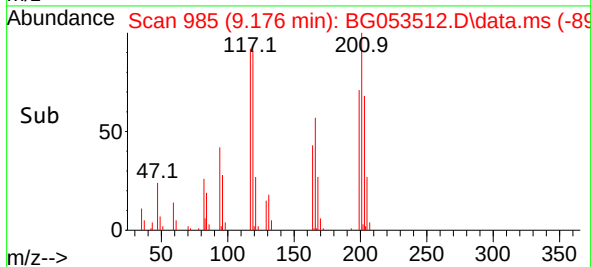
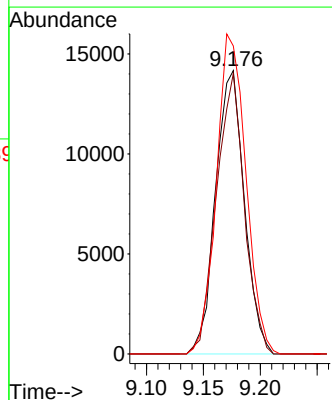
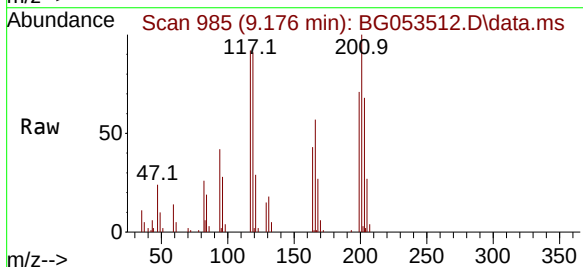
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

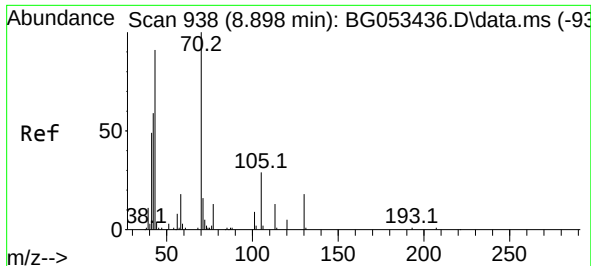
Tgt Ion:	107	Resp:	43541
Ion	Ratio	Lower	Upper
107	100		
108	114.0	85.4	128.0
77	57.0	46.2	69.2
79	59.3	46.1	69.1



#18
Hexachloroethane
Concen: 43.525 ng
RT: 9.176 min Scan# 985
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:	117	Resp:	24939
Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.0	112.6
201	108.7	89.0	133.6

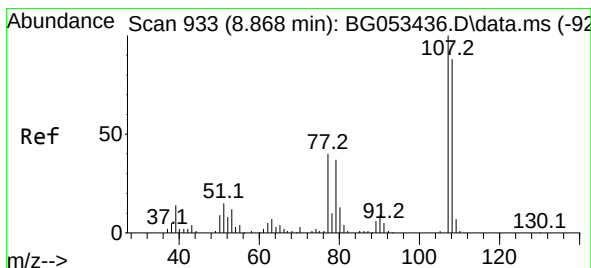
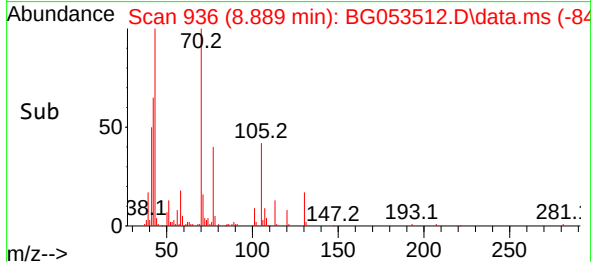
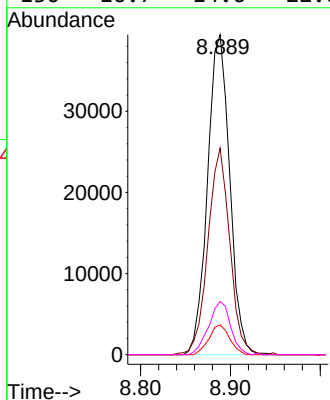
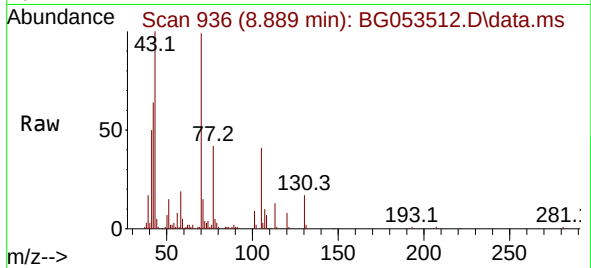




#19
n-Nitroso-di-n-propylamine
Concen: 51.230 ng
RT: 8.889 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

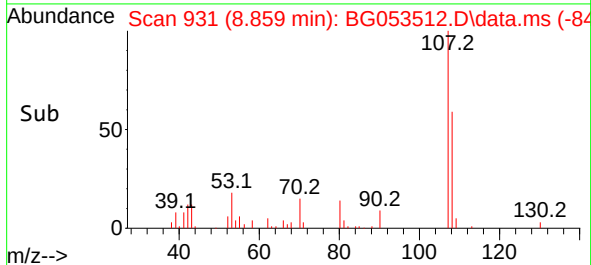
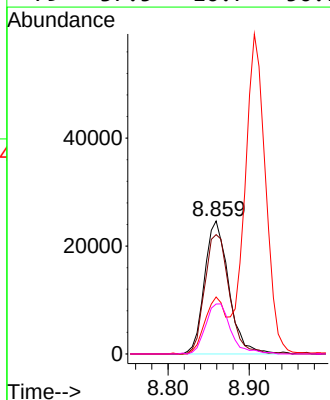
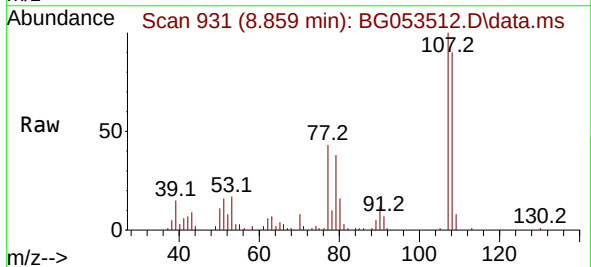
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

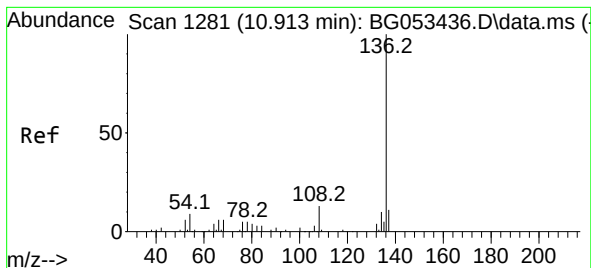
Tgt Ion:	70	Resp:	67633
Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.3	70.9
101	9.3	7.0	10.4
130	16.7	14.6	22.0



#20
3+4-Methylphenols
Concen: 29.685 ng
RT: 8.859 min Scan# 931
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:	107	Resp:	50993
Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.5	107.5
77	42.9	20.3	60.3
79	37.5	16.7	56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.898 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

Tgt Ion:136 Resp: 84140

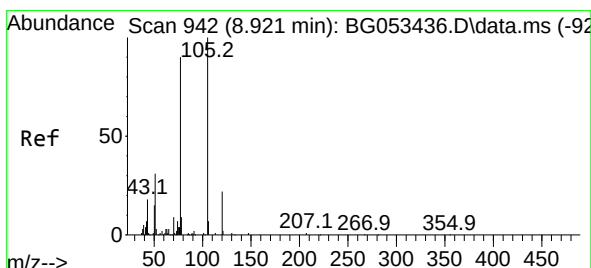
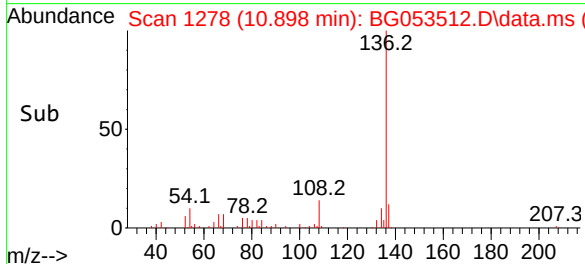
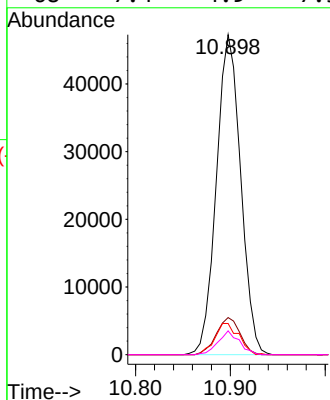
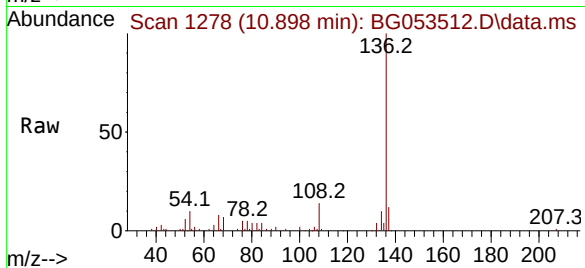
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 9.7 7.4 11.2

68 7.4 4.9 7.3#



#22

Acetophenone

Concen: 49.993 ng

RT: 8.906 min Scan# 939

Delta R.T. -0.006 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Tgt Ion:105 Resp: 115123

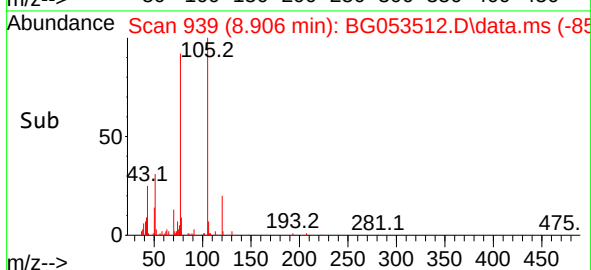
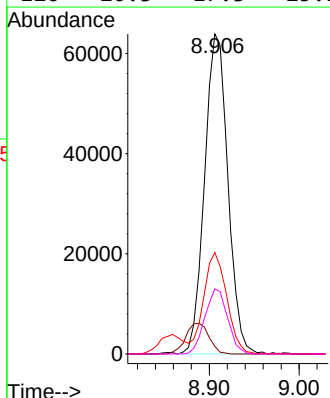
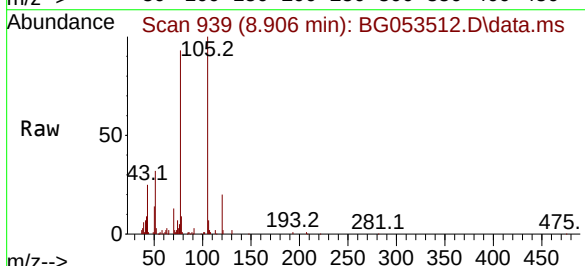
Ion Ratio Lower Upper

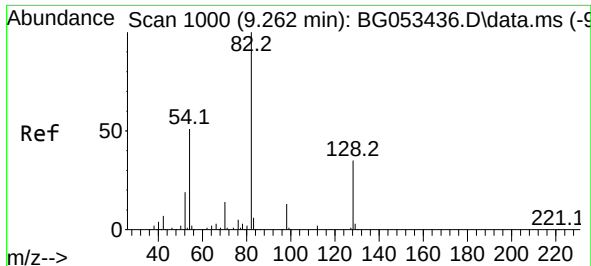
105 100

71 2.4 1.1 1.7#

51 31.7 25.4 38.0

120 20.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 92.418 ng

RT: 9.253 min Scan# 90

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

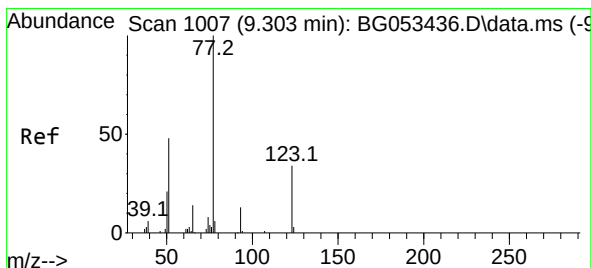
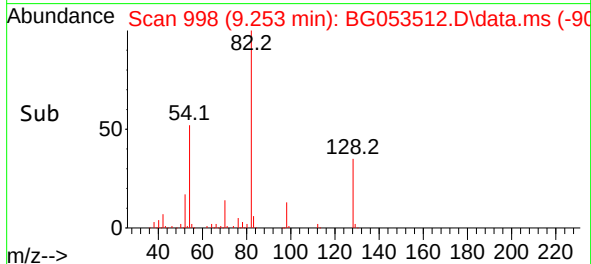
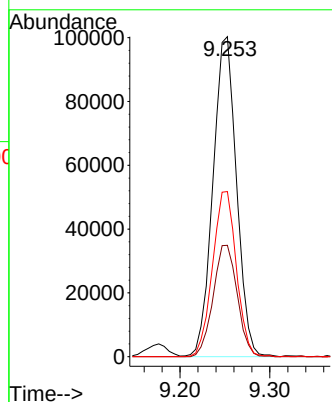
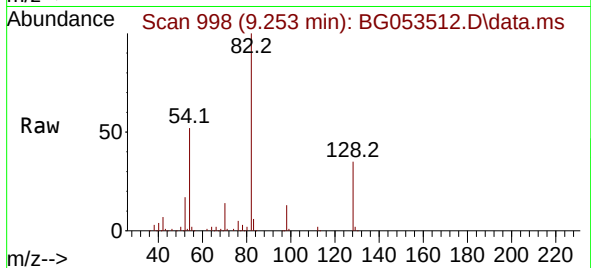
Tgt Ion: 82 Resp: 182671

Ion Ratio Lower Upper

82 100

128 34.8 27.9 41.9

54 51.6 41.2 61.8



#24

Nitrobenzene

Concen: 52.944 ng

RT: 9.294 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

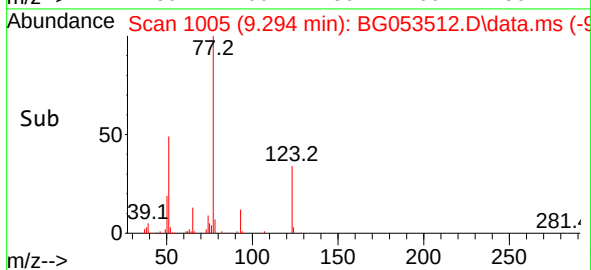
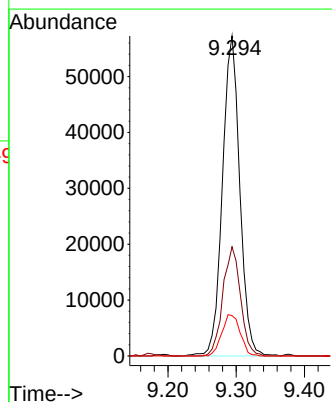
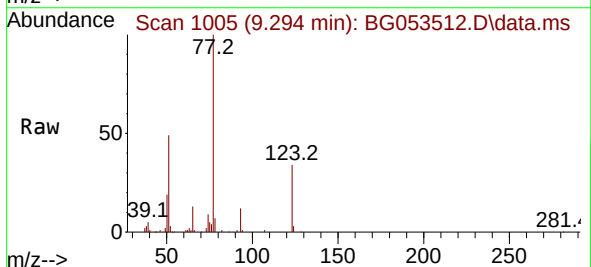
Tgt Ion: 77 Resp: 101286

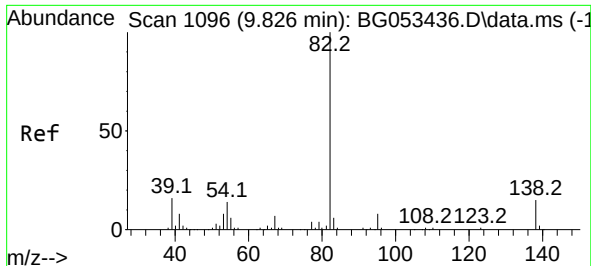
Ion Ratio Lower Upper

77 100

123 34.1 27.4 41.0

65 12.6 11.4 17.0

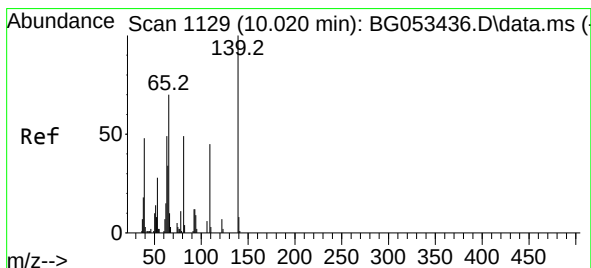
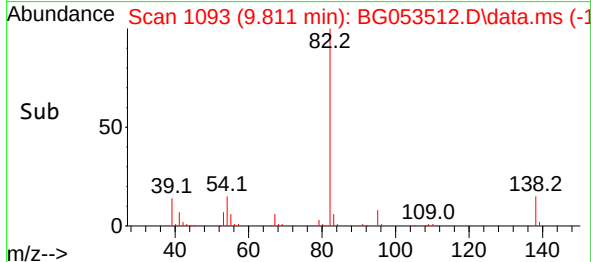
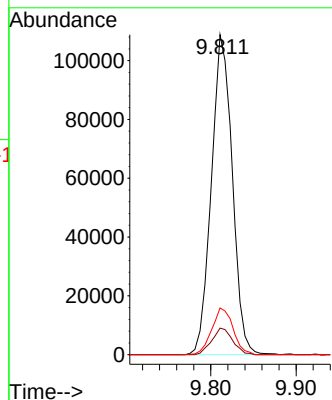
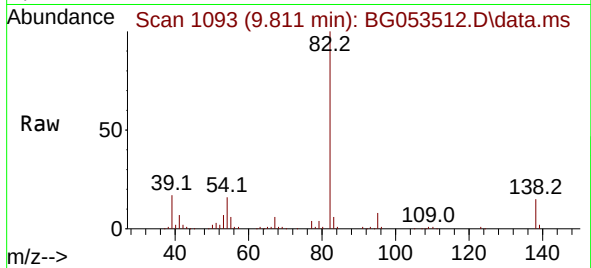




#25
Isophorone
Concen: 55.693 ng
RT: 9.811 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

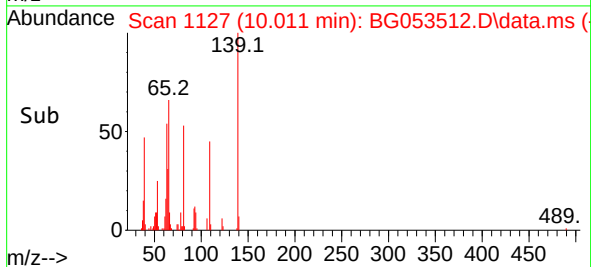
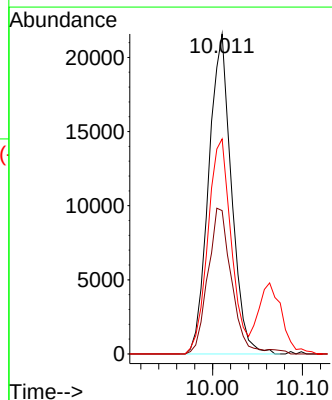
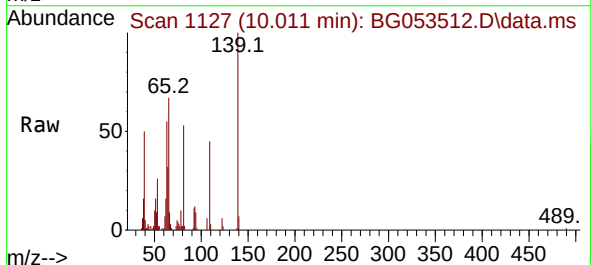
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

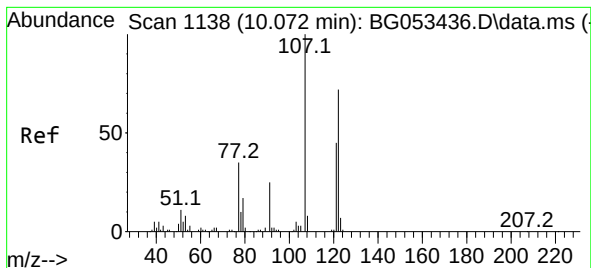
Tgt Ion: 82 Resp: 185264
Ion Ratio Lower Upper
82 100
95 8.3 6.2 9.4
138 14.6 11.6 17.4



#26
2-Nitrophenol
Concen: 48.994 ng
RT: 10.011 min Scan# 1127
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:139 Resp: 37962
Ion Ratio Lower Upper
139 100
109 44.8 36.1 54.1
65 67.2 55.8 83.6

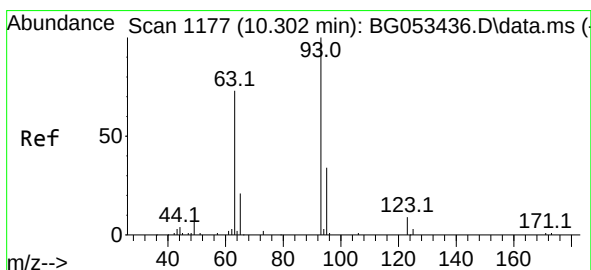
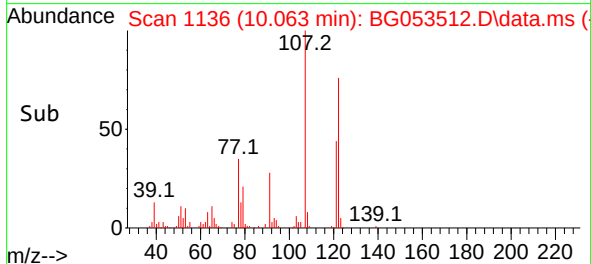
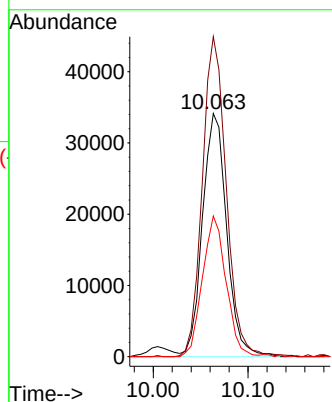
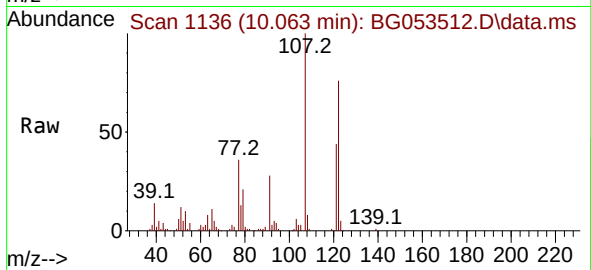




#27
2,4-Dimethylphenol
Concen: 51.865 ng
RT: 10.063 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

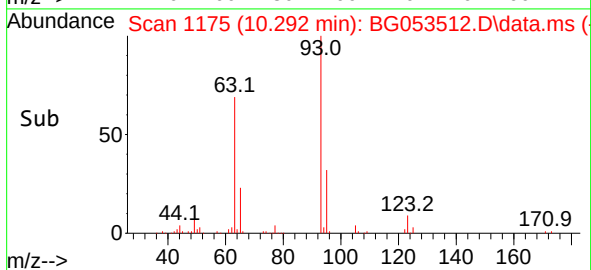
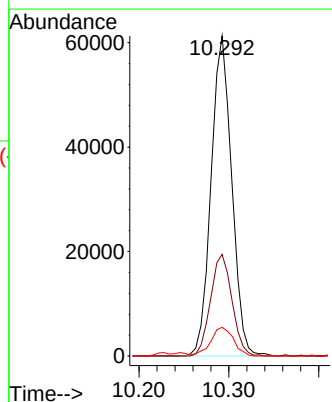
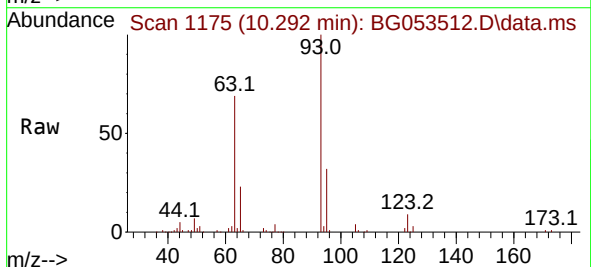
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

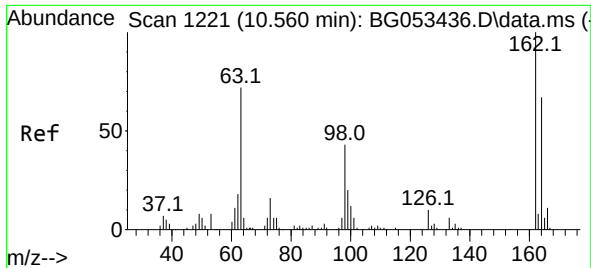
Tgt Ion:122 Resp: 60478
Ion Ratio Lower Upper
122 100
107 131.6 109.4 164.0
121 57.8 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 51.135 ng
RT: 10.292 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion: 93 Resp: 97831
Ion Ratio Lower Upper
93 100
95 31.8 26.9 40.3
123 9.0 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 50.256 ng

RT: 10.551 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

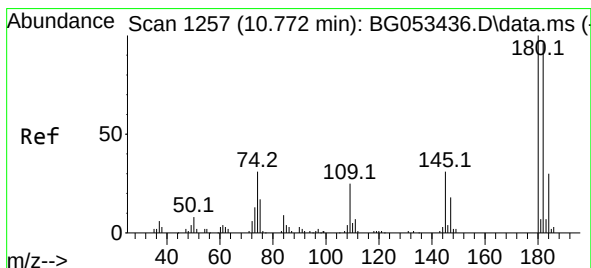
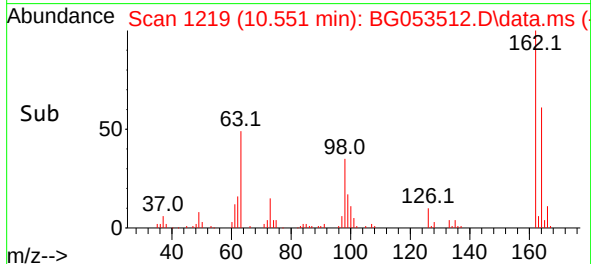
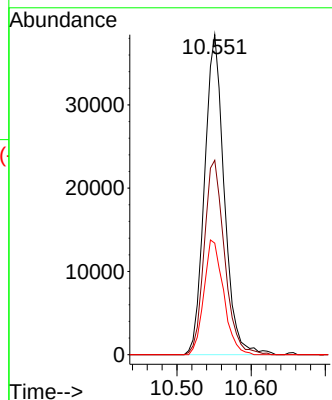
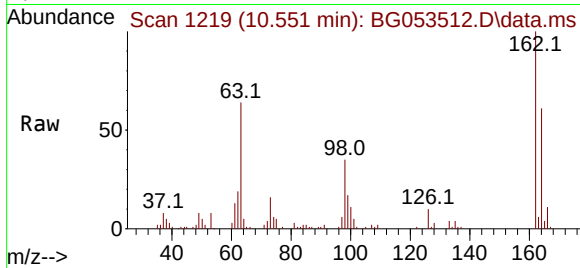
Tgt Ion:162 Resp: 70728

Ion Ratio Lower Upper

162 100

164 60.8 46.6 86.6

98 34.8 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 47.492 ng

RT: 10.762 min Scan# 1255

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

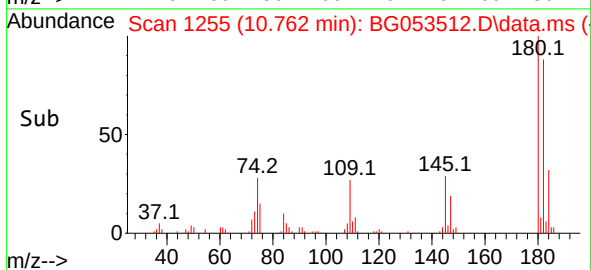
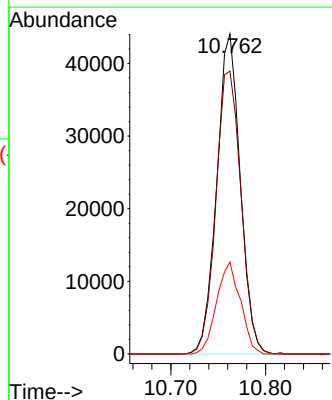
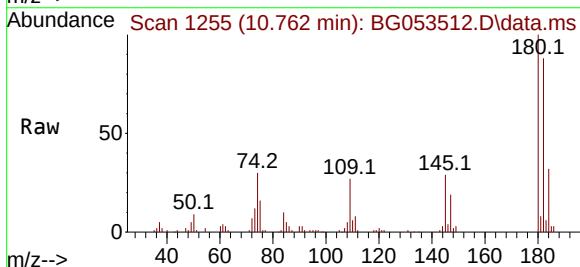
Tgt Ion:180 Resp: 75939

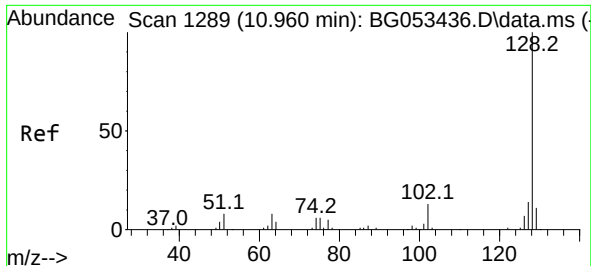
Ion Ratio Lower Upper

180 100

182 88.4 76.6 115.0

145 28.7 25.0 37.4

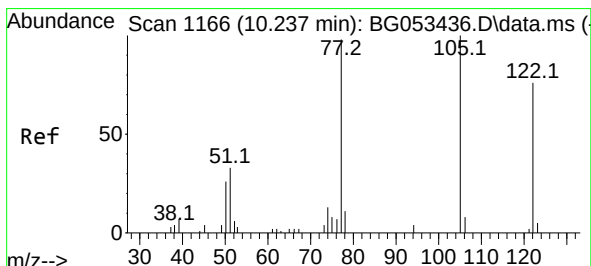
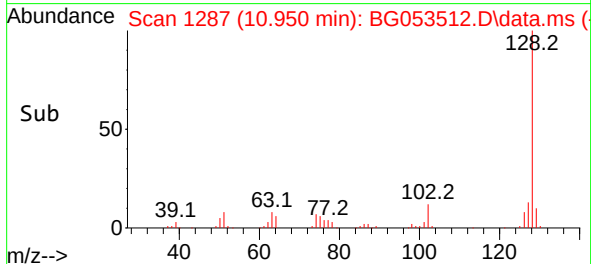
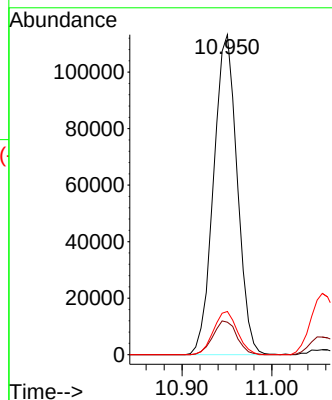
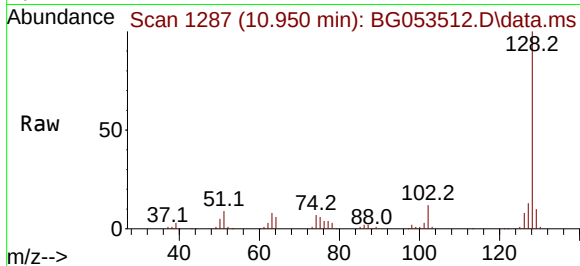




#31
Naphthalene
Concen: 48.211 ng
RT: 10.950 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

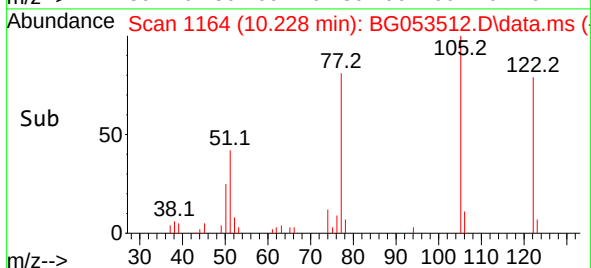
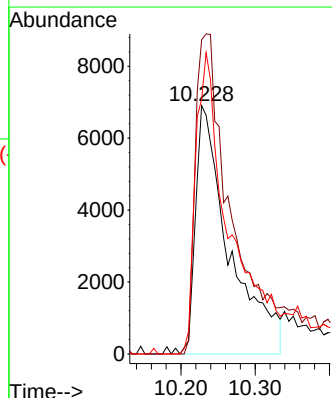
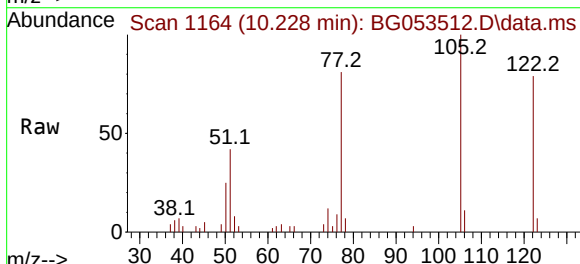
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

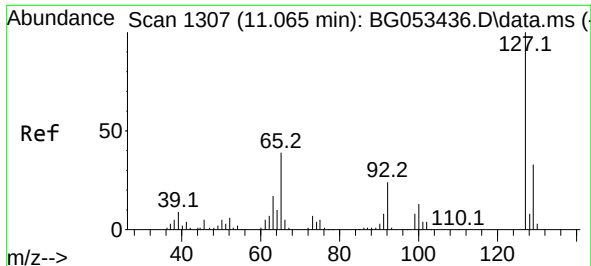
Tgt Ion:128 Resp: 206342
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.6
127 13.5 11.1 16.7



#32
Benzoic acid
Concen: 33.101 ng
RT: 10.228 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:122 Resp: 21795
Ion Ratio Lower Upper
122 100
105 126.5 111.8 151.8
77 102.6 109.4 149.4#

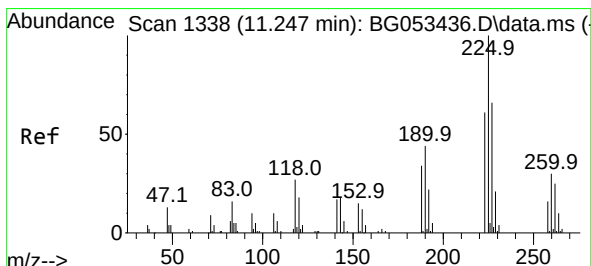
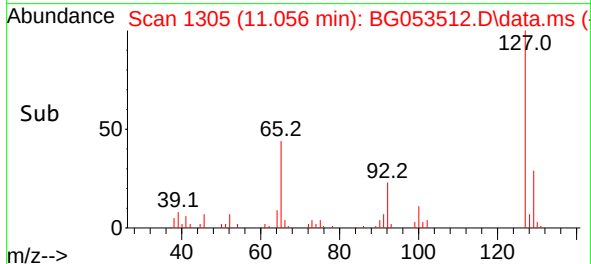
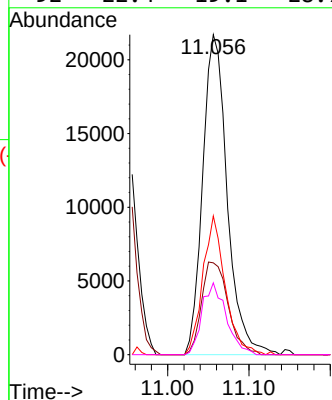
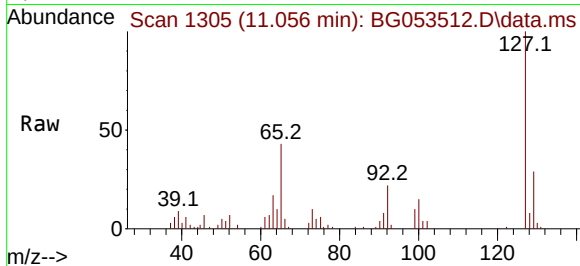




#33
4-Chloroaniline
Concen: 25.419 ng
RT: 11.056 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

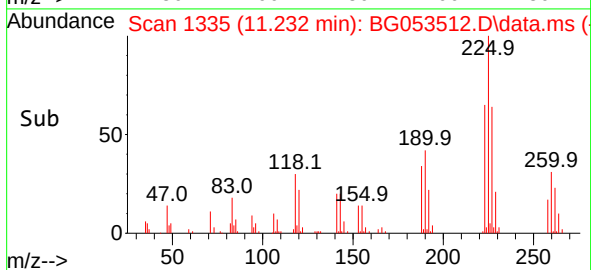
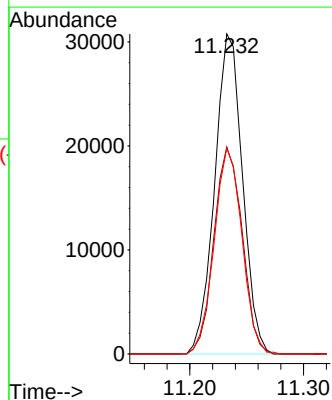
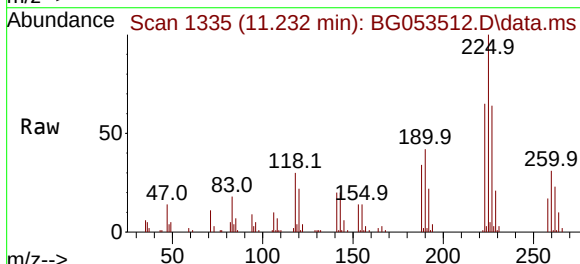
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

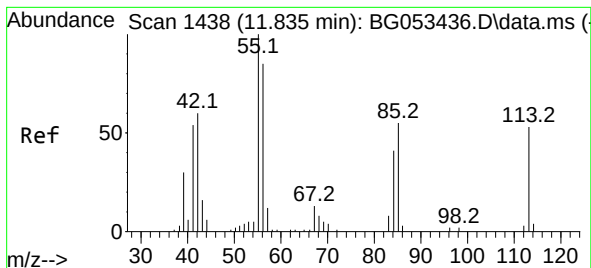
Tgt Ion:127	Resp:	45562
Ion	Ratio	Lower Upper
127	100	
129	28.7	26.3 39.5
65	43.3	31.1 46.7
92	22.4	19.1 28.7



#34
Hexachlorobutadiene
Concen: 44.213 ng
RT: 11.232 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:225	Resp:	52423
Ion	Ratio	Lower Upper
225	100	
223	64.7	48.9 73.3
227	64.3	52.8 79.2





#35

Caprolactam

Concen: 3.741 ng

RT: 11.855 min Scan# 14

Delta R.T. 0.024 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

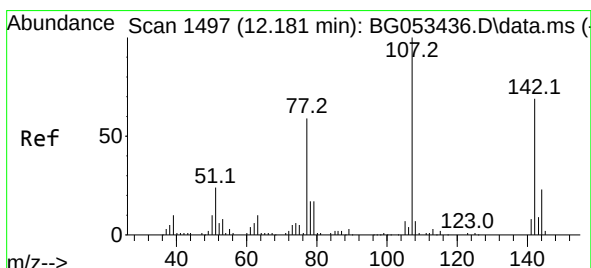
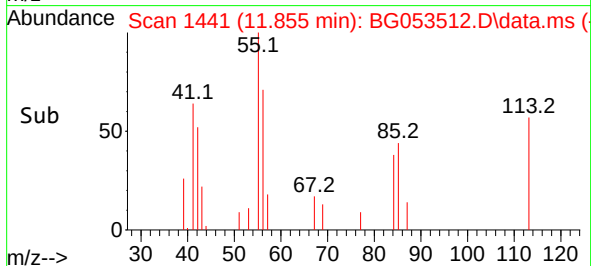
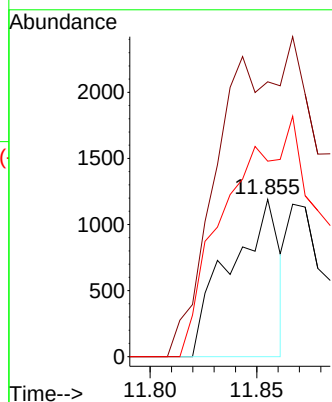
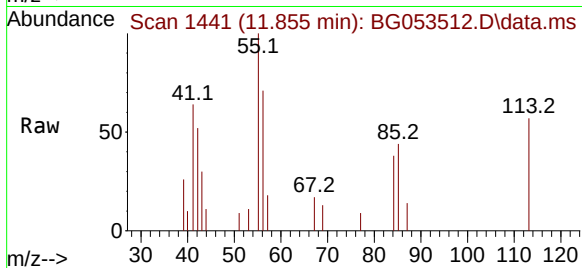
Tgt Ion:113 Resp: 1913

Ion Ratio Lower Upper

113 100

55 174.8 169.8 209.8

56 124.3 141.2 181.2#



#36

4-Chloro-3-methylphenol

Concen: 46.797 ng

RT: 12.172 min Scan# 1495

Delta R.T. -0.006 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

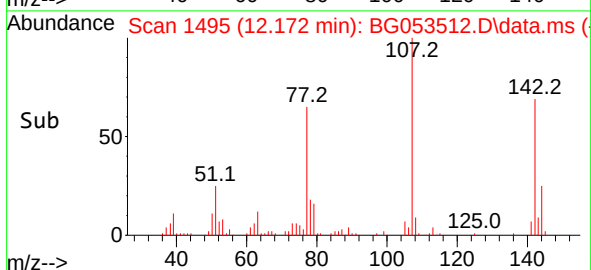
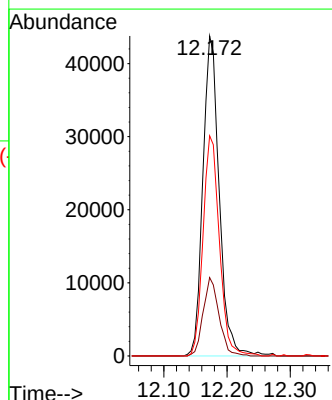
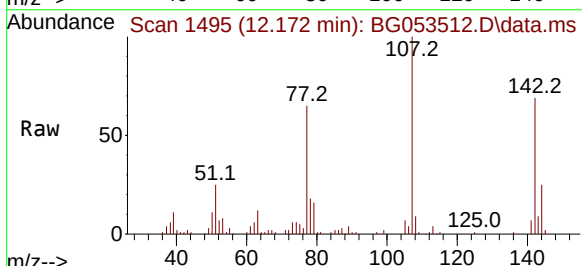
Tgt Ion:107 Resp: 78780

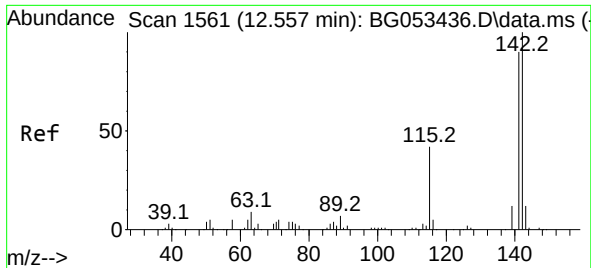
Ion Ratio Lower Upper

107 100

144 24.5 18.5 27.7

142 68.8 55.0 82.4

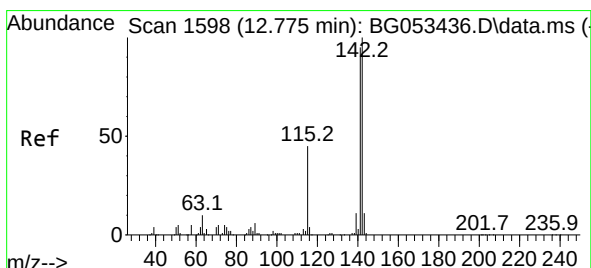
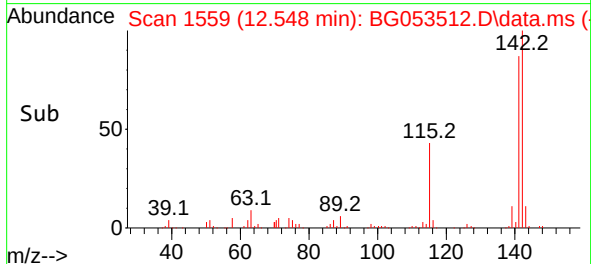
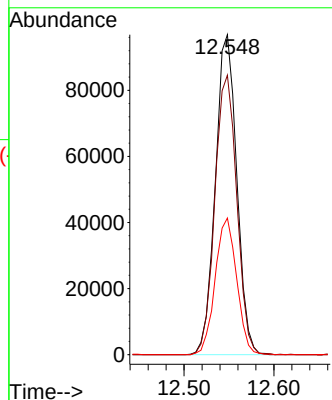
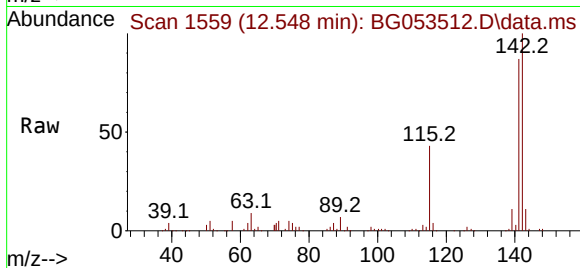




#37
2-Methylnaphthalene
Concen: 50.173 ng
RT: 12.548 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

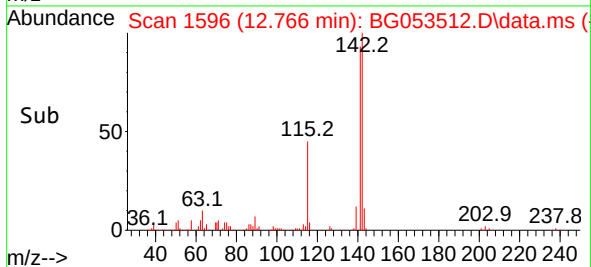
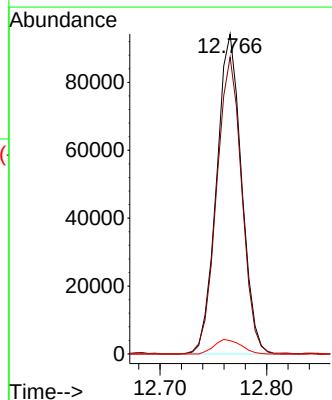
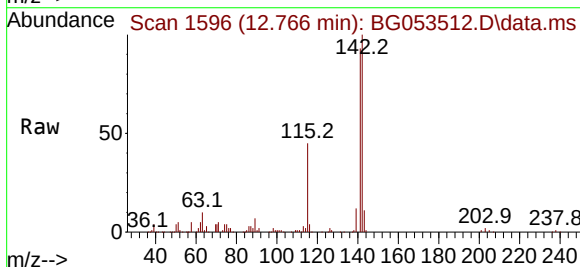
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

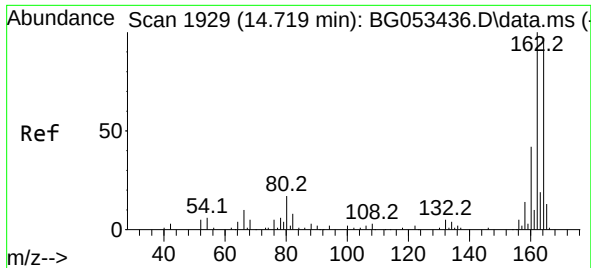
Tgt Ion:142 Resp: 160257
Ion Ratio Lower Upper
142 100
141 87.4 72.3 108.5
115 42.7 33.7 50.5



#38
1-Methylnaphthalene
Concen: 49.066 ng
RT: 12.766 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:142 Resp: 152907
Ion Ratio Lower Upper
142 100
141 92.8 76.4 114.6
116 4.1 3.3 4.9

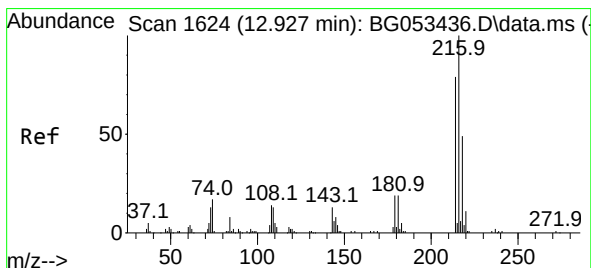
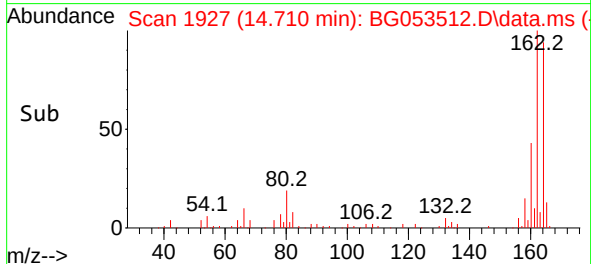
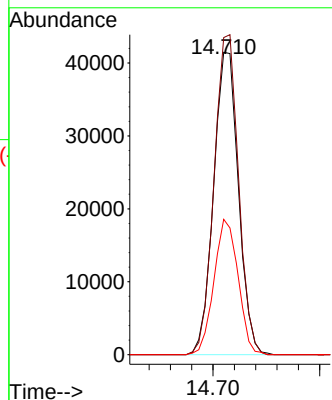
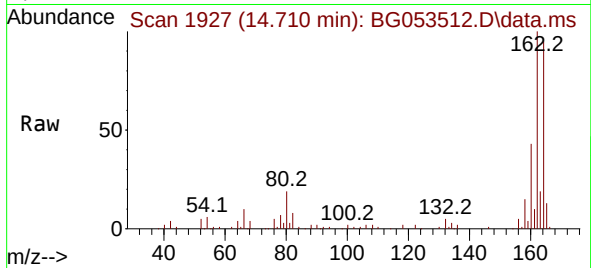




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

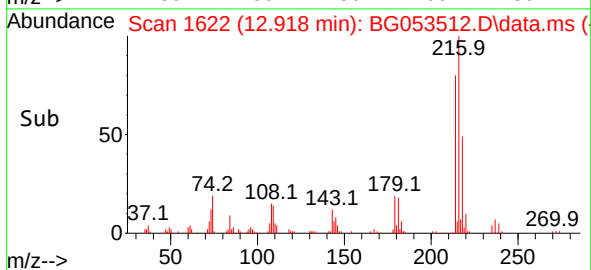
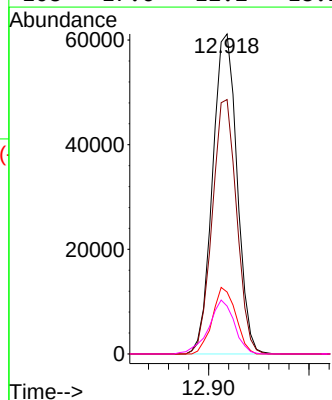
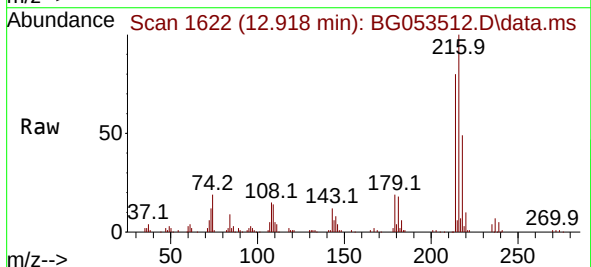
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

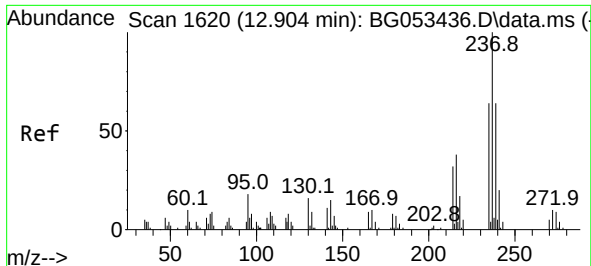
Tgt Ion:164 Resp: 67041
Ion Ratio Lower Upper
164 100
162 104.9 82.3 123.5
160 44.8 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.044 ng
RT: 12.918 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:216 Resp: 103640
Ion Ratio Lower Upper
216 100
214 79.0 62.9 94.3
179 19.9 16.1 24.1
108 17.6 12.2 18.2

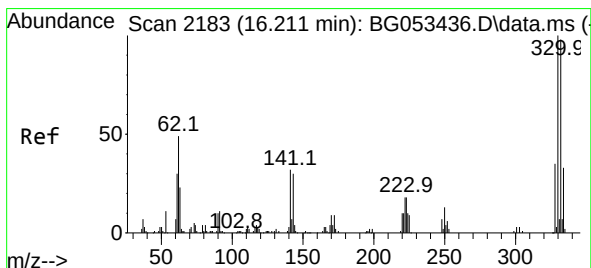
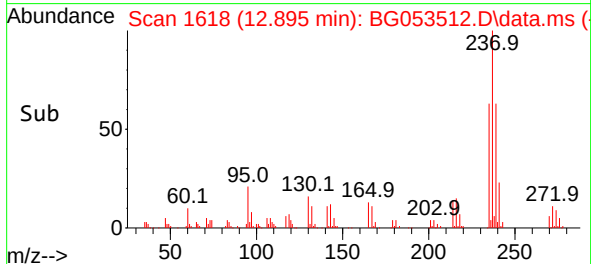
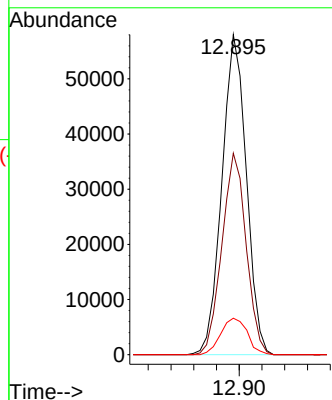
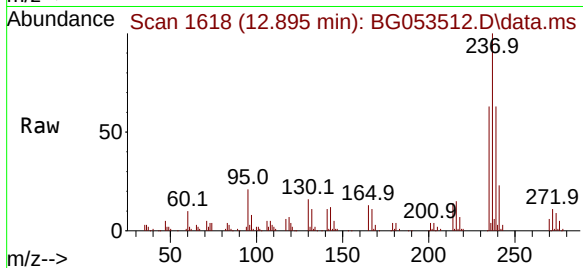




#41
Hexachlorocyclopentadiene
Concen: 98.212 ng
RT: 12.895 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

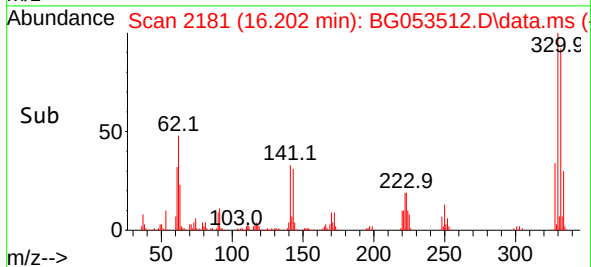
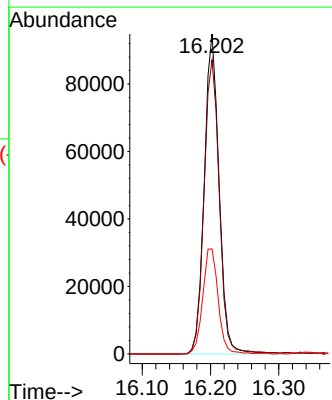
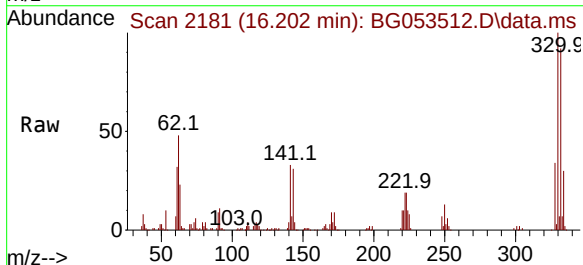
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

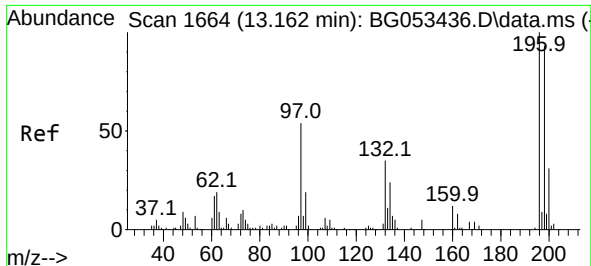
Tgt Ion:237 Resp: 86484
Ion Ratio Lower Upper
237 100
235 63.0 43.5 83.5
272 11.4 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 144.957 ng
RT: 16.202 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:330 Resp: 143330
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 34.2 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 50.691 ng

RT: 13.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

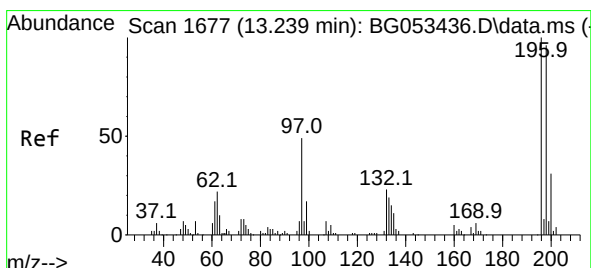
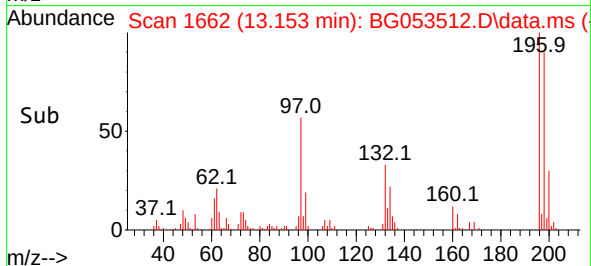
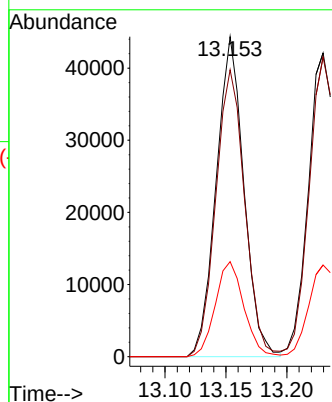
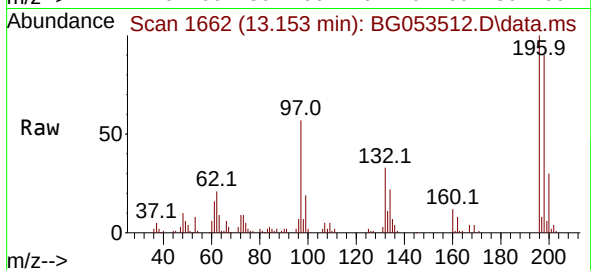
Tgt Ion:196 Resp: 69923

Ion Ratio Lower Upper

196 100

198 89.7 74.1 111.1

200 29.7 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 50.911 ng

RT: 13.230 min Scan# 1675

Delta R.T. -0.006 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Tgt Ion:196 Resp: 74742

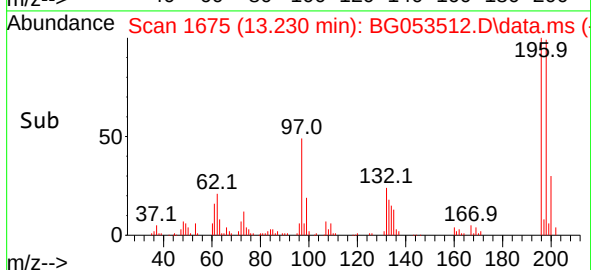
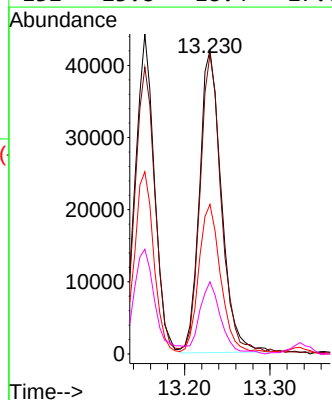
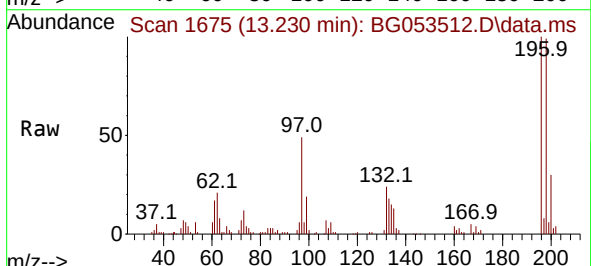
Ion Ratio Lower Upper

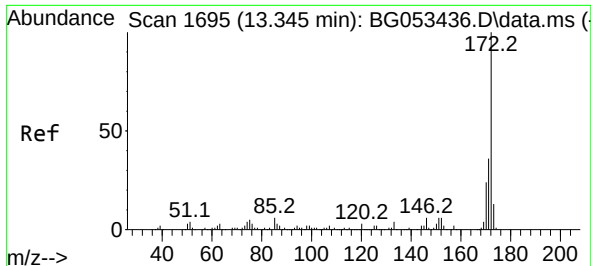
196 100

198 98.7 76.8 115.2

97 49.3 39.8 59.6

132 23.8 18.4 27.6

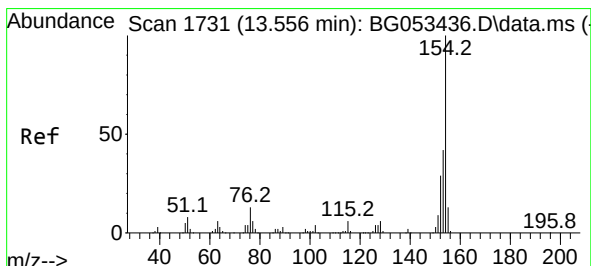
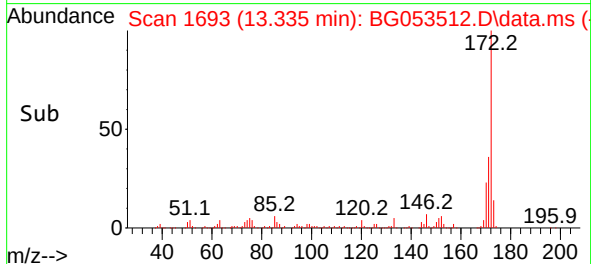
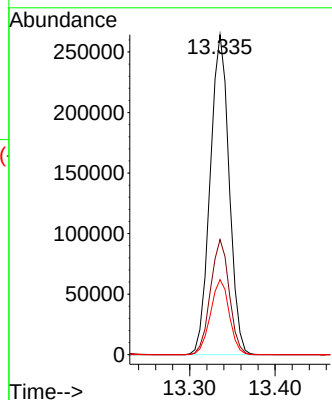
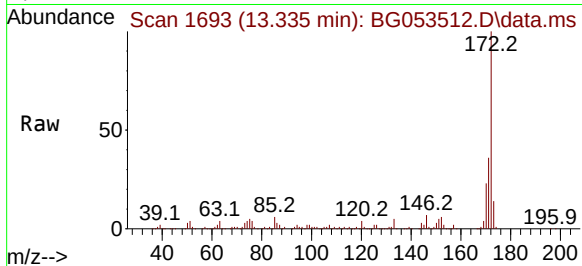




#45
2-Fluorobiphenyl
Concen: 89.123 ng
RT: 13.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

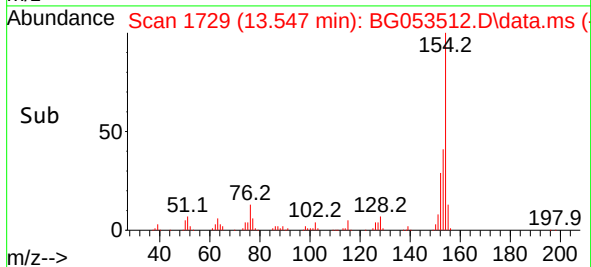
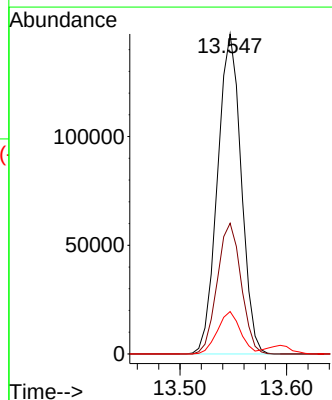
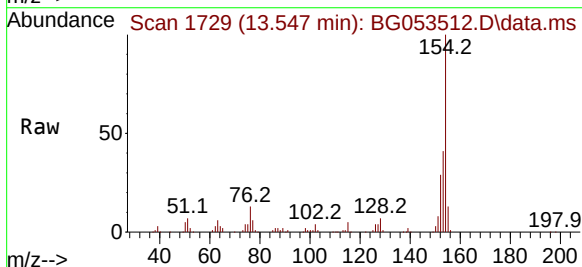
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

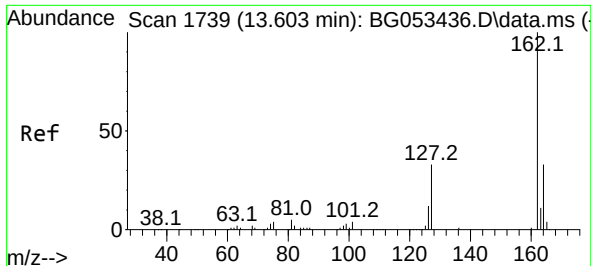
Tgt Ion:172 Resp: 408879
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 49.577 ng
RT: 13.547 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:154 Resp: 226557
Ion Ratio Lower Upper
154 100
153 40.8 21.6 61.6
76 13.2 0.0 32.6





#47

2-Chloronaphthalene

Concen: 49.031 ng

RT: 13.594 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

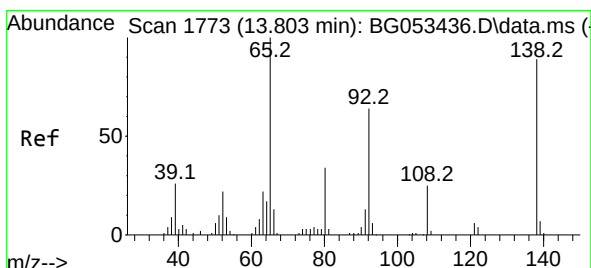
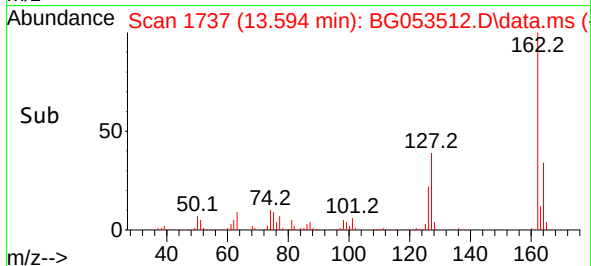
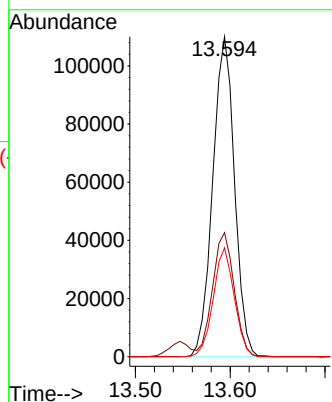
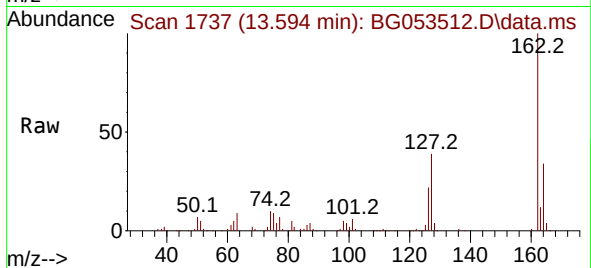
Tgt Ion:162 Resp: 175546

Ion Ratio Lower Upper

162 100

127 38.7 30.6 45.8

164 34.0 26.5 39.7



#48

2-Nitroaniline

Concen: 55.007 ng

RT: 13.794 min Scan# 1771

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

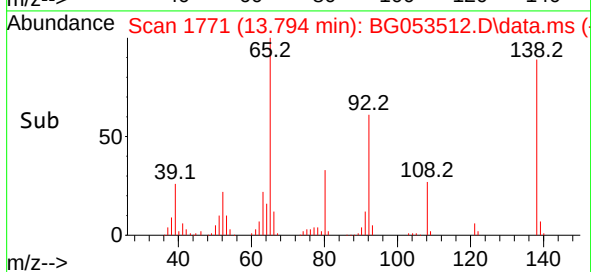
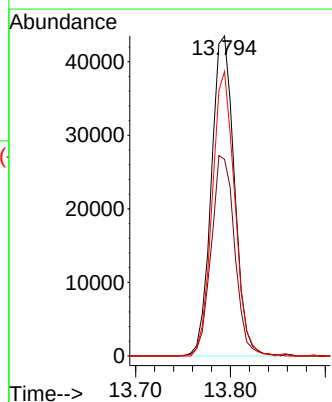
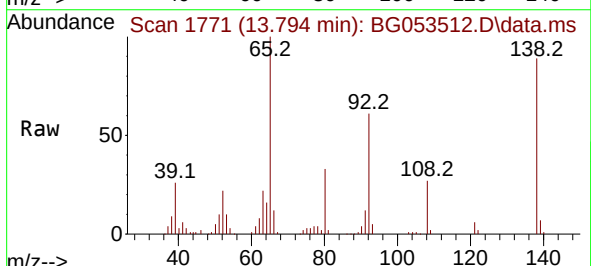
Tgt Ion: 65 Resp: 73384

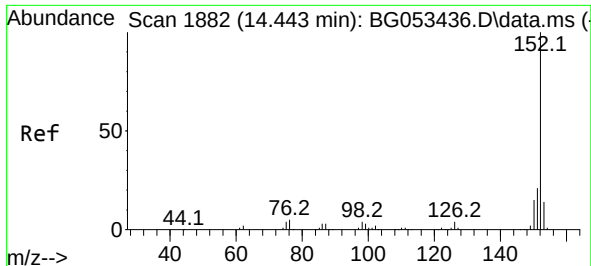
Ion Ratio Lower Upper

65 100

92 61.5 51.5 77.3

138 88.9 71.3 106.9

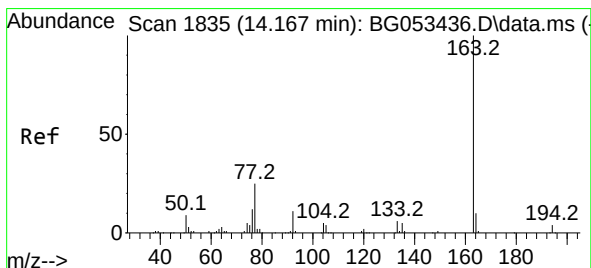
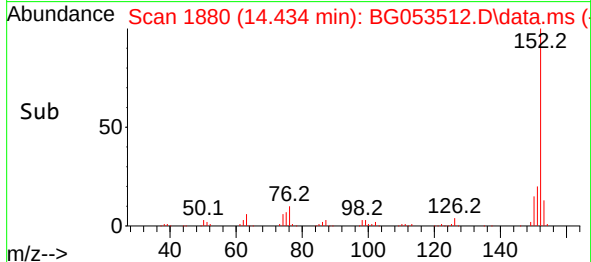
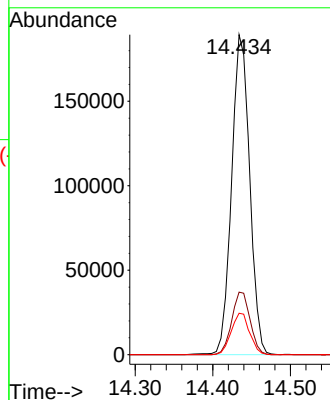
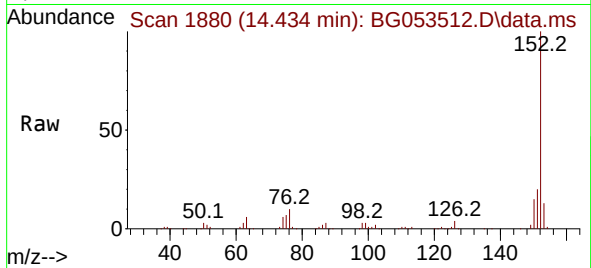




#49
Acenaphthylene
Concen: 53.561 ng
RT: 14.434 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

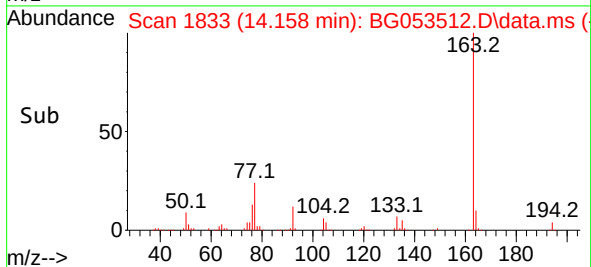
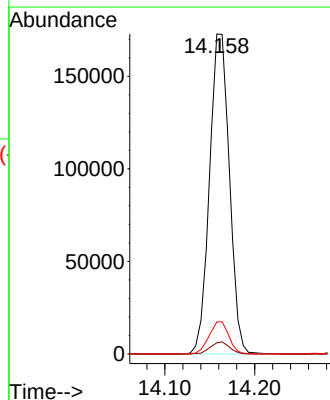
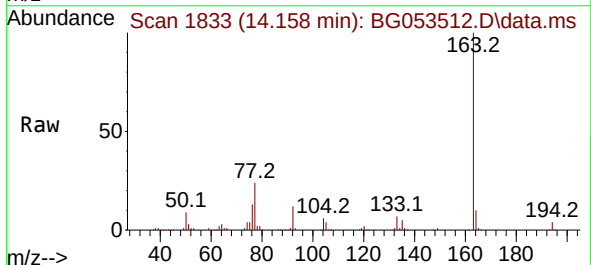
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

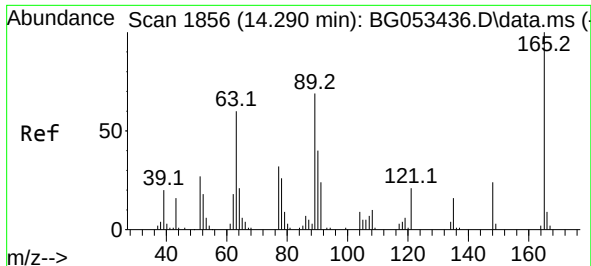
Tgt Ion:152 Resp: 306006
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 13.0 10.8 16.2



#50
Dimethylphthalate
Concen: 52.232 ng
RT: 14.158 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:163 Resp: 266093
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 54.582 ng

RT: 14.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

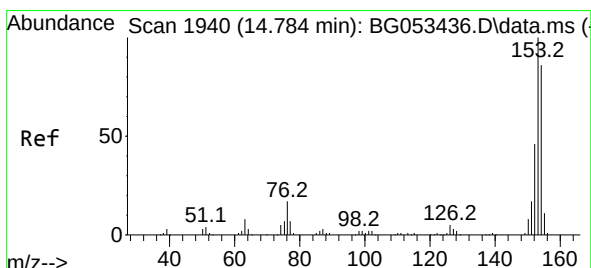
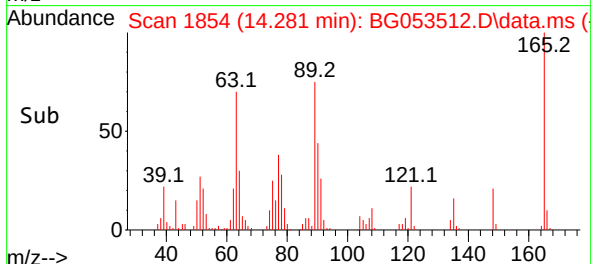
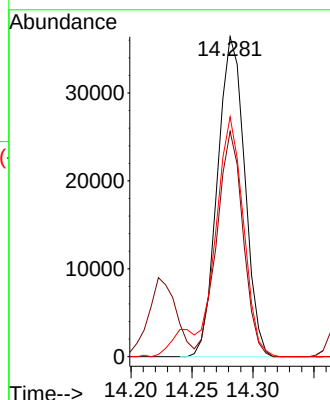
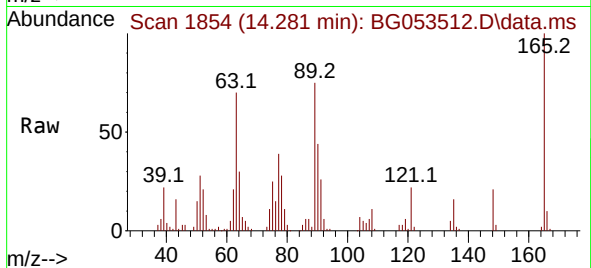
Tgt Ion:165 Resp: 56651

Ion Ratio Lower Upper

165 100

63 70.4 54.1 81.1

89 75.0 54.8 82.2



#52

Acenaphthene

Concen: 50.196 ng

RT: 14.775 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

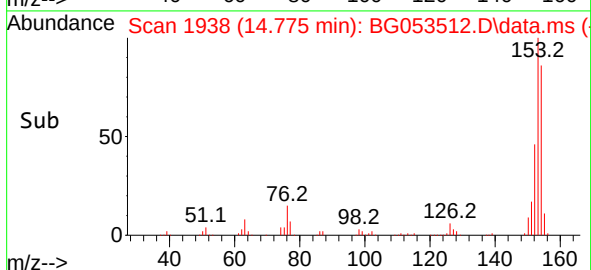
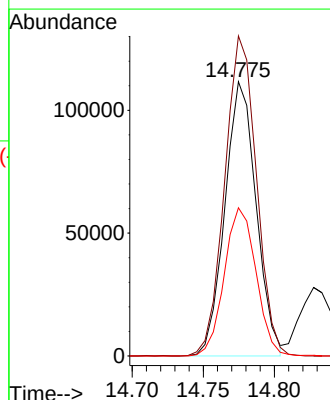
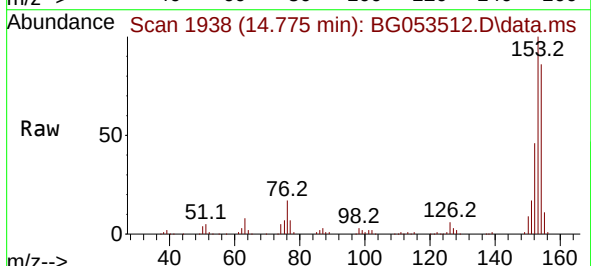
Tgt Ion:154 Resp: 170907

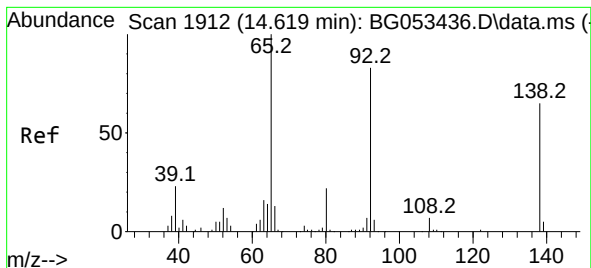
Ion Ratio Lower Upper

154 100

153 116.7 92.7 139.1

152 54.0 42.6 64.0

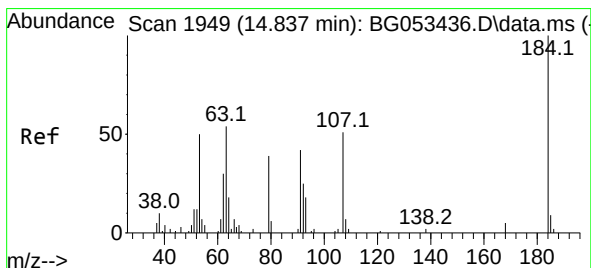
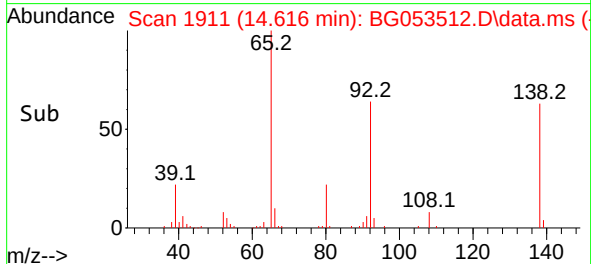
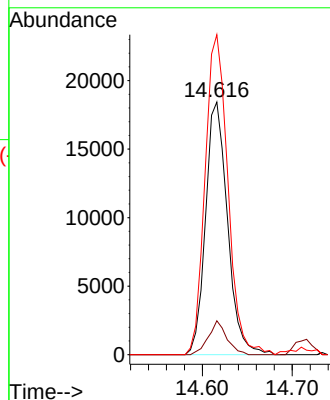
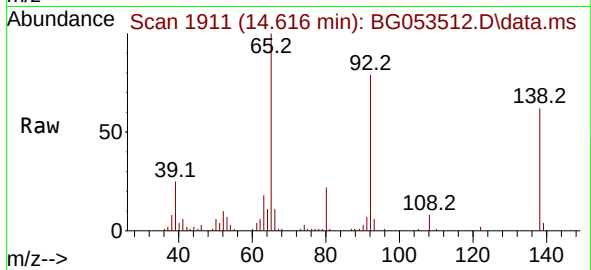




#53
3-Nitroaniline
Concen: 27.957 ng
RT: 14.616 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

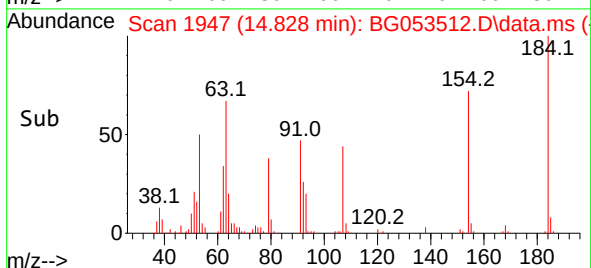
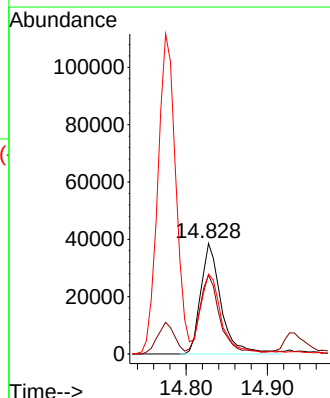
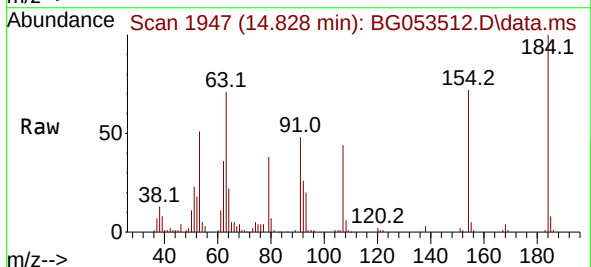
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

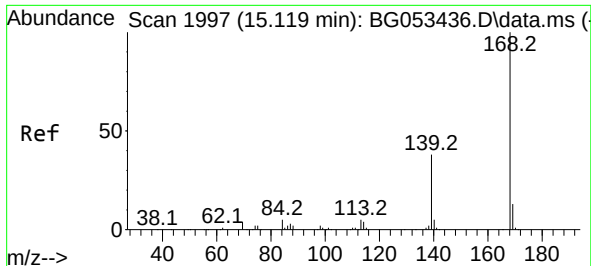
Tgt Ion:138 Resp: 31352
Ion Ratio Lower Upper
138 100
108 13.5 9.2 13.8
92 126.7 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 100.530 ng
RT: 14.828 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:184 Resp: 67378
Ion Ratio Lower Upper
184 100
63 71.3 61.1 91.7
154 72.2 60.6 91.0

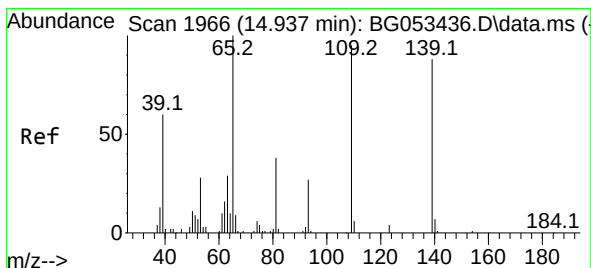
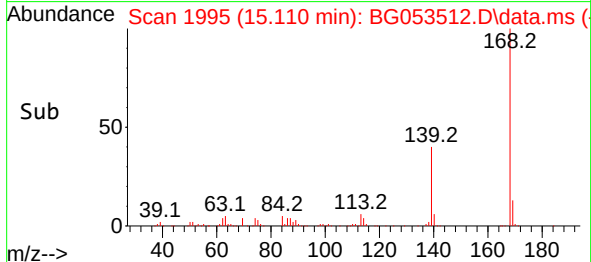
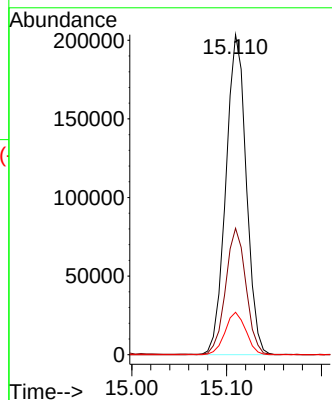
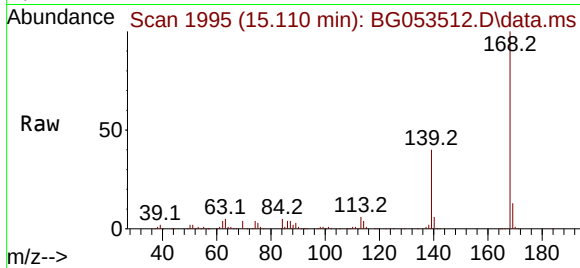




#55
Dibenzenofuran
Concen: 49.721 ng
RT: 15.110 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

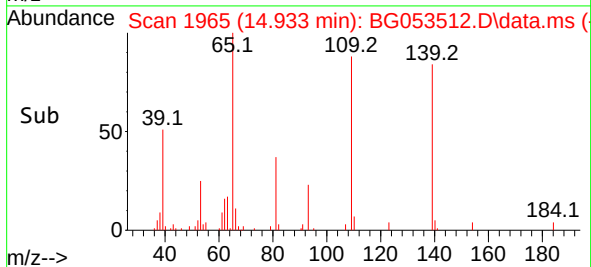
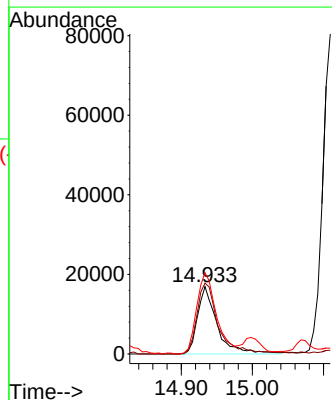
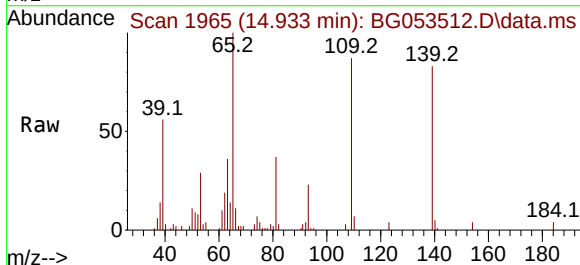
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

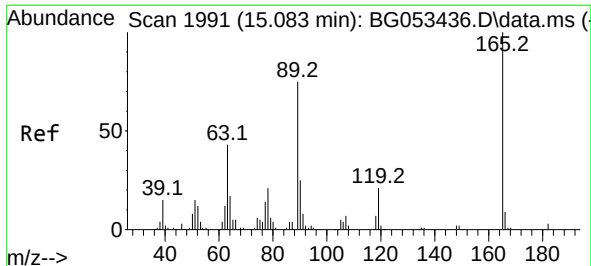
Tgt Ion:168 Resp: 304077
Ion Ratio Lower Upper
168 100
139 39.5 30.5 45.7
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 40.552 ng
RT: 14.933 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:139 Resp: 32482
Ion Ratio Lower Upper
139 100
109 105.2 88.5 128.5
65 120.7 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 56.353 ng

RT: 15.074 min Scan# 1991

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

Tgt Ion:165 Resp: 84780

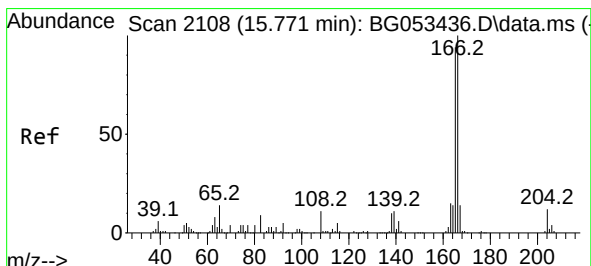
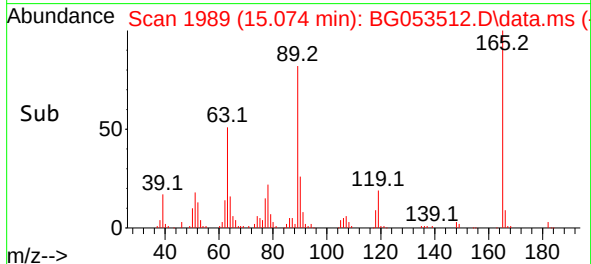
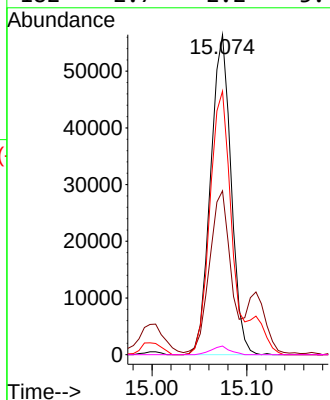
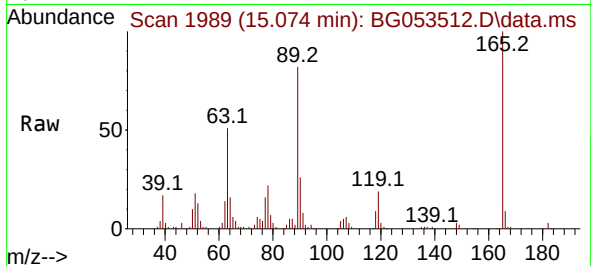
Ion Ratio Lower Upper

165 100

63 51.2 34.6 52.0

89 82.3 60.3 90.5

182 2.7 2.2 3.4



#58

Fluorene

Concen: 52.036 ng

RT: 15.756 min Scan# 2105

Delta R.T. -0.006 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

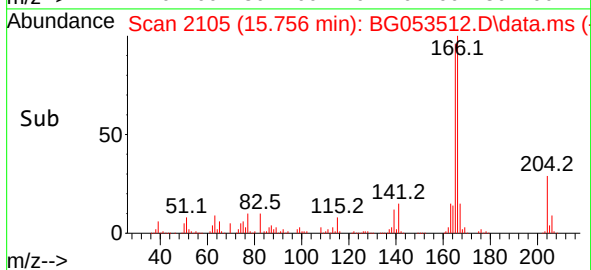
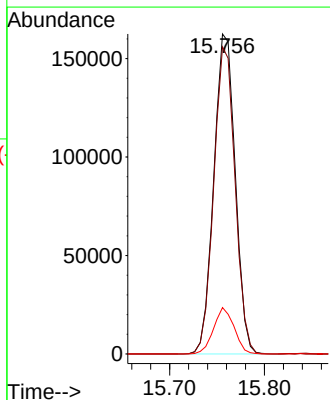
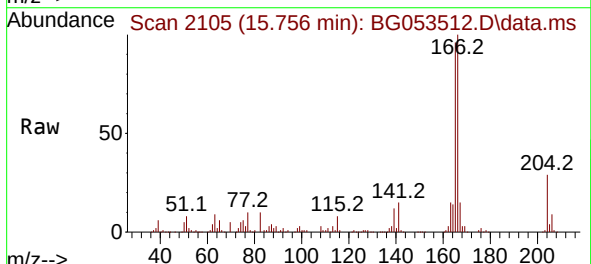
Tgt Ion:166 Resp: 255380

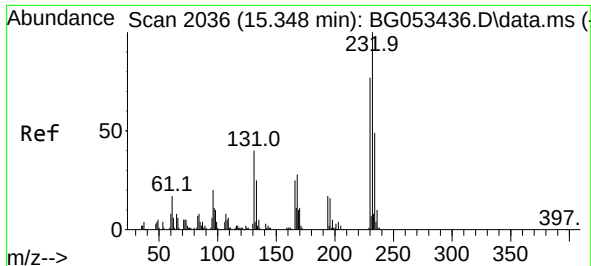
Ion Ratio Lower Upper

166 100

165 95.9 75.0 112.6

167 14.5 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.369 ng

RT: 15.339 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BG053512.D

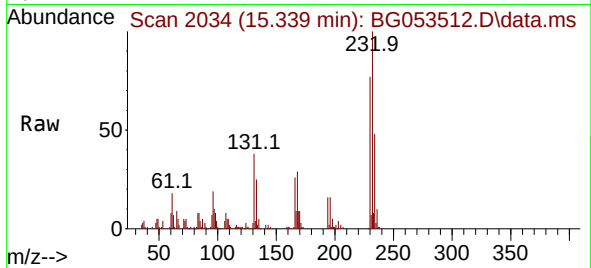
Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS



Tgt Ion:232 Resp: 73537

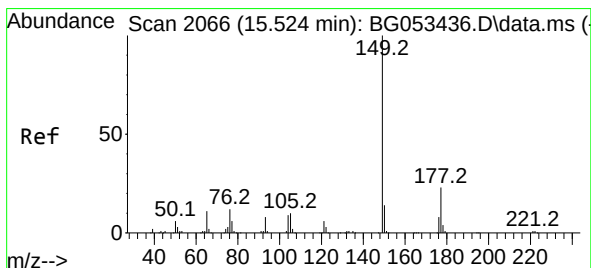
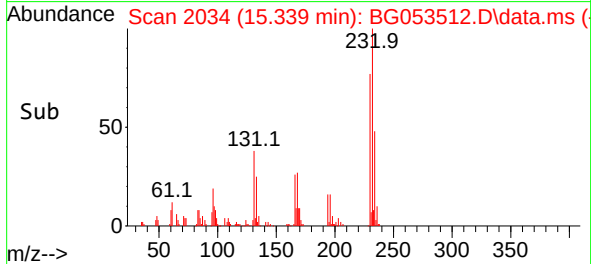
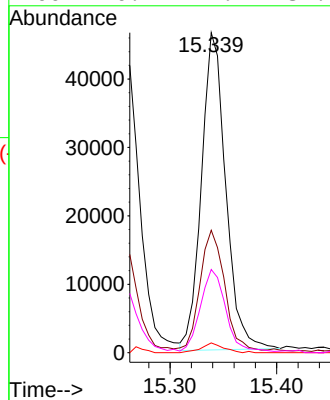
Ion Ratio Lower Upper

232 100

131 38.3 30.6 46.0

130 2.8 1.8 2.8#

166 26.7 21.1 31.7



#60

Diethylphthalate

Concen: 52.738 ng

RT: 15.521 min Scan# 2065

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

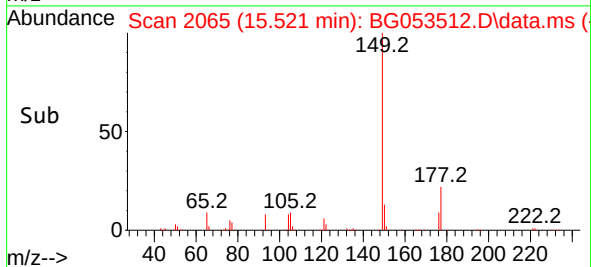
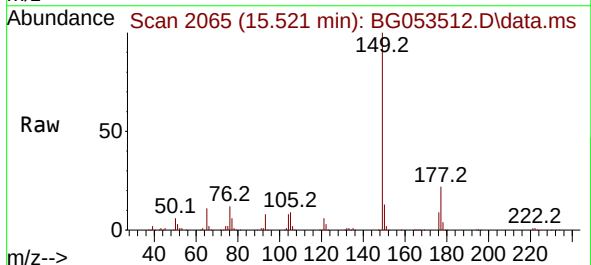
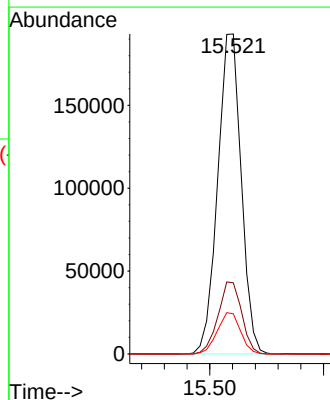
Tgt Ion:149 Resp: 277530

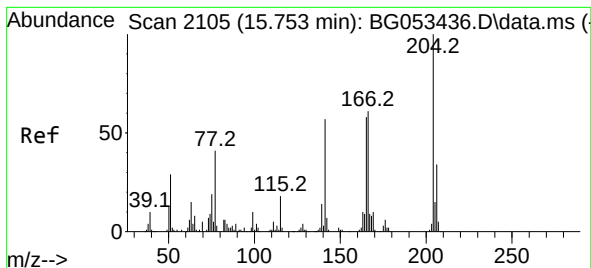
Ion Ratio Lower Upper

149 100

177 22.2 18.4 27.6

150 12.6 11.2 16.8

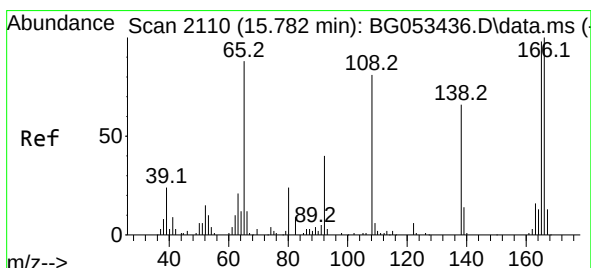
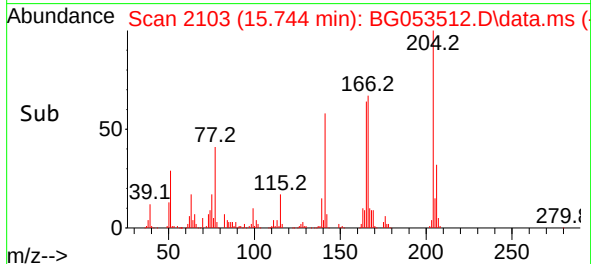
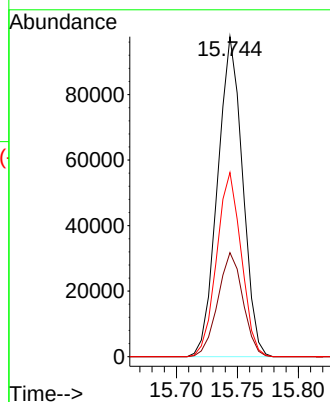
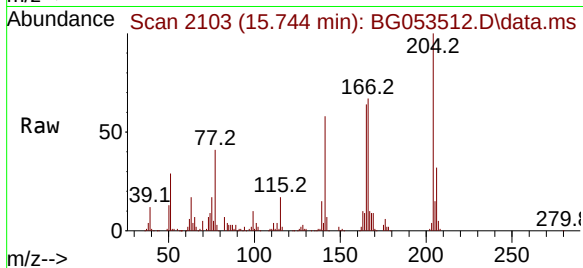




#61
4-Chlorophenyl-phenylether
Concen: 50.896 ng
RT: 15.744 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

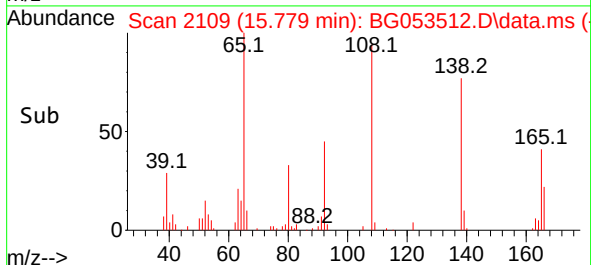
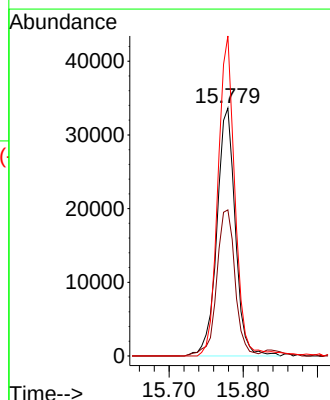
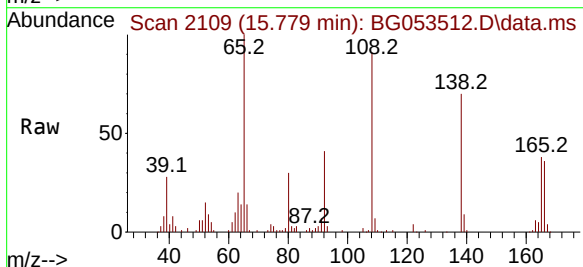
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

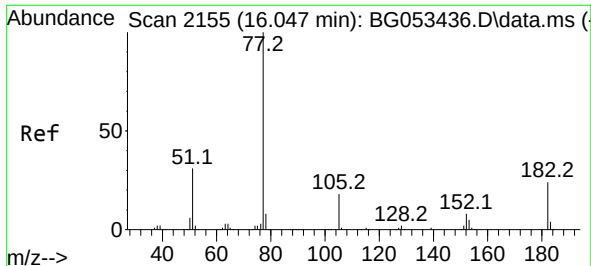
Tgt Ion:204 Resp: 139382
Ion Ratio Lower Upper
204 100
206 32.5 27.5 41.3
141 57.6 45.3 67.9



#62
4-Nitroaniline
Concen: 49.767 ng
RT: 15.779 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:138 Resp: 57888
Ion Ratio Lower Upper
138 100
92 58.9 40.5 80.5
108 129.1 103.7 143.7

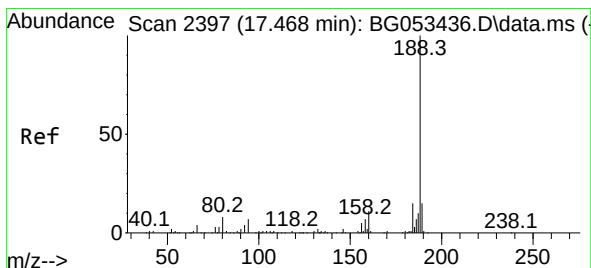
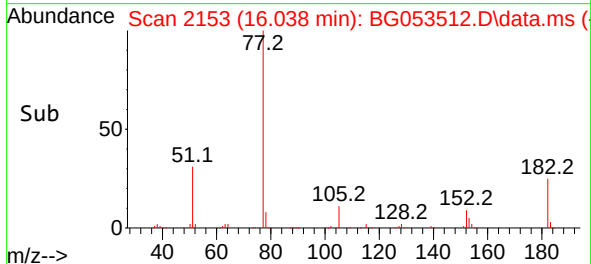
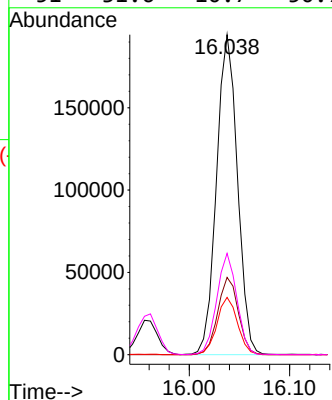
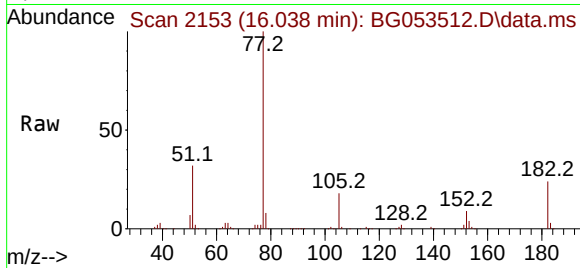




#63
Azobenzene
Concen: 52.226 ng
RT: 16.038 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

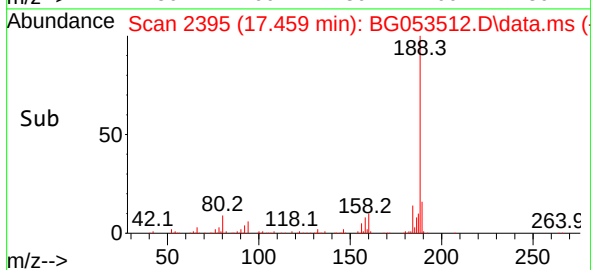
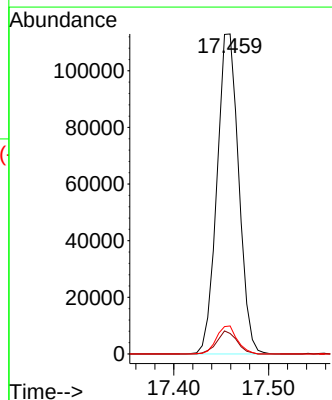
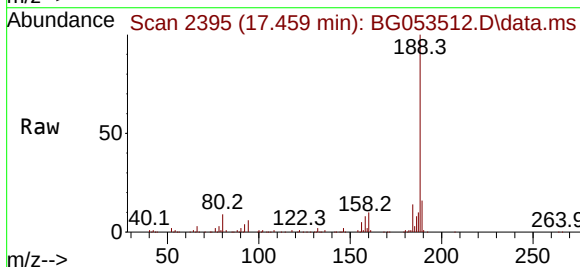
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

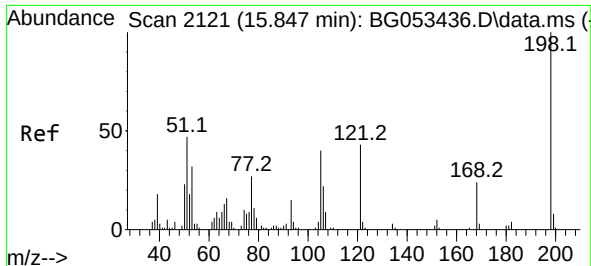
Tgt Ion:	77	Resp:	281434
Ion	Ratio	Lower	Upper
77	100		
182	24.2	3.8	43.8
105	17.9	0.0	37.8
51	31.6	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:	188	Resp:	180042
Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.4	8.0
80	8.7	6.8	10.2

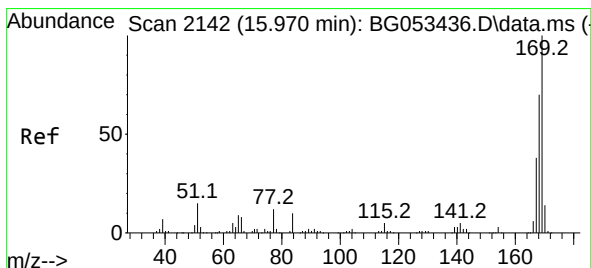
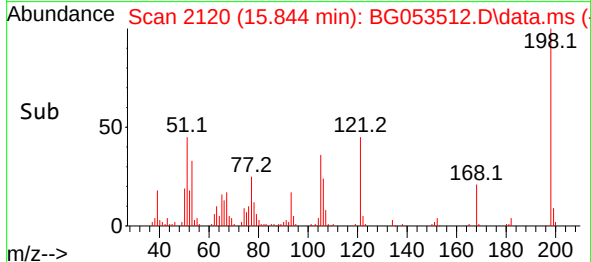
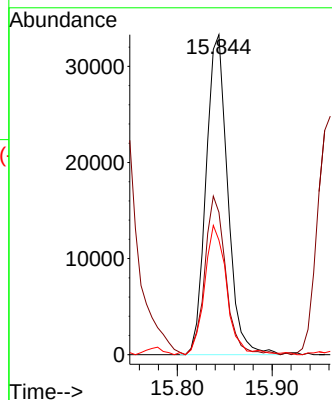
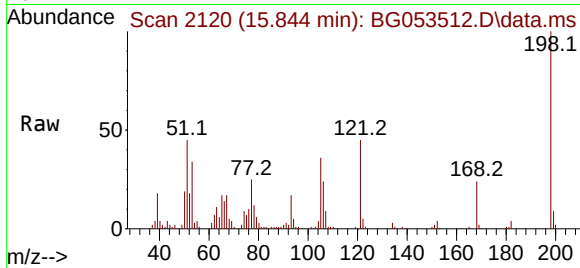




#65
4,6-Dinitro-2-methylphenol
Concen: 49.219 ng
RT: 15.844 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

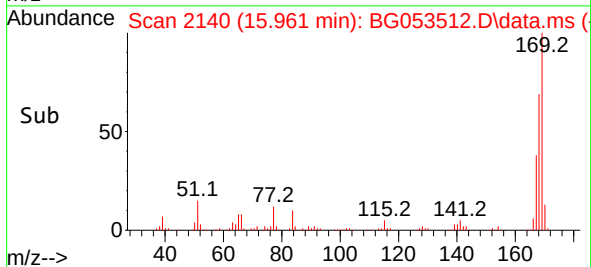
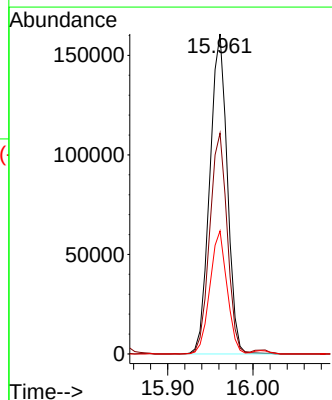
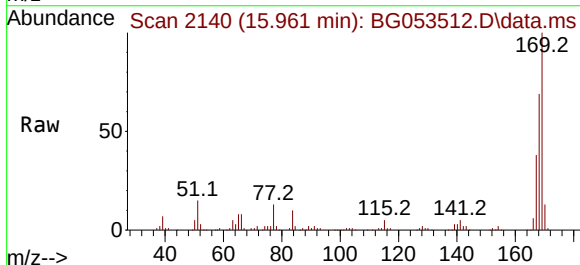
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

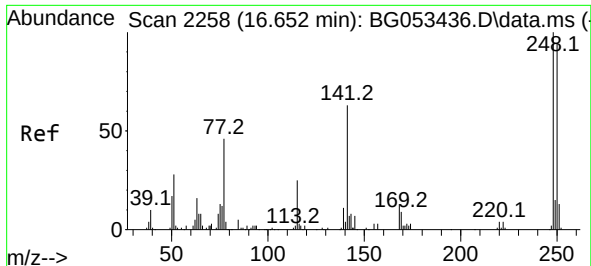
Tgt Ion:198 Resp: 52803
Ion Ratio Lower Upper
198 100
51 44.5 28.1 68.1
105 35.8 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 48.501 ng
RT: 15.961 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:169 Resp: 229267
Ion Ratio Lower Upper
169 100
168 69.0 55.9 83.9
167 38.5 30.6 46.0





#67

4-Bromophenyl-phenylether

Concen: 48.576 ng

RT: 16.637 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

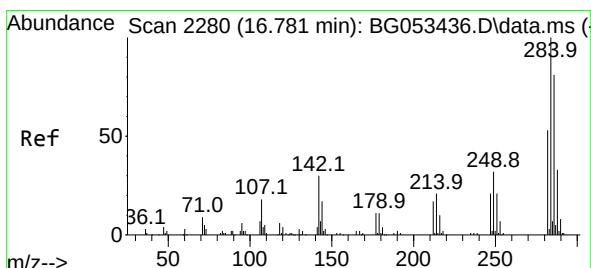
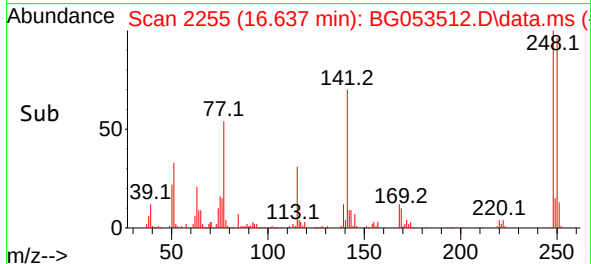
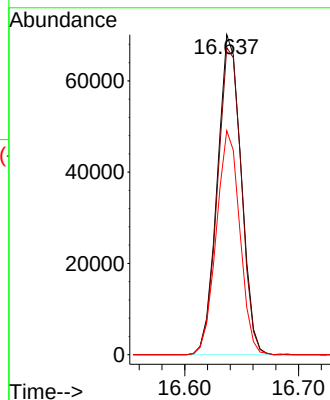
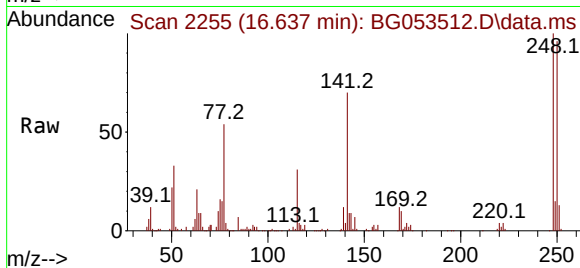
Tgt Ion:248 Resp: 102140

Ion Ratio Lower Upper

248 100

250 95.9 75.2 112.8

141 70.0 50.0 75.0



#68

Hexachlorobenzene

Concen: 49.414 ng

RT: 16.772 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

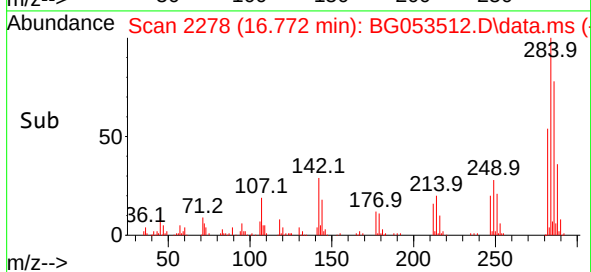
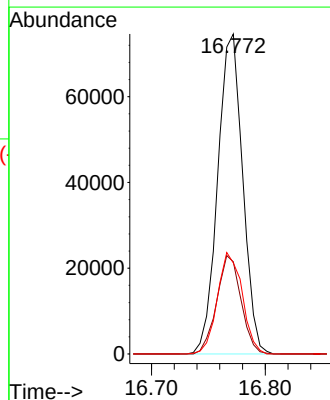
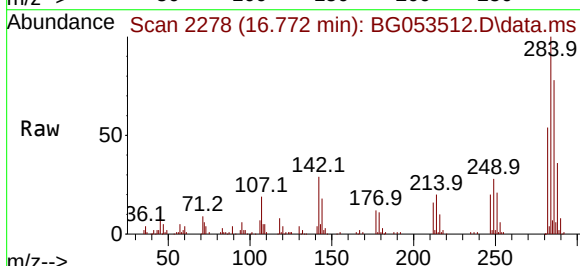
Tgt Ion:284 Resp: 113792

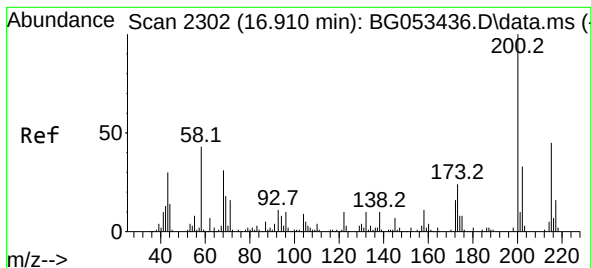
Ion Ratio Lower Upper

284 100

142 28.8 23.6 35.4

249 28.4 25.8 38.6





#69

Atrazine

Concen: 53.720 ng

RT: 16.907 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

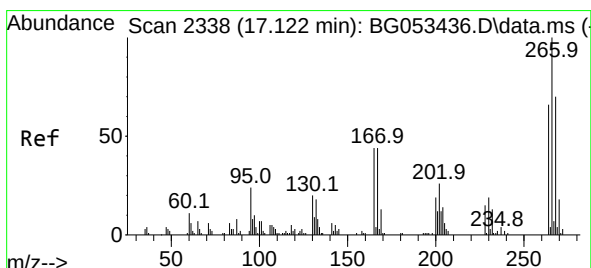
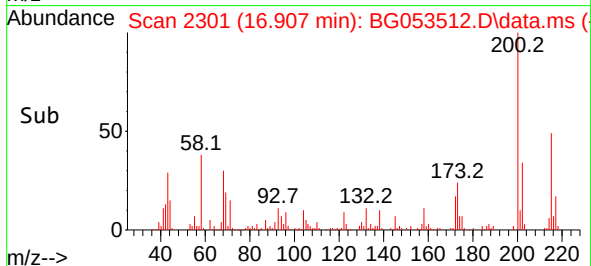
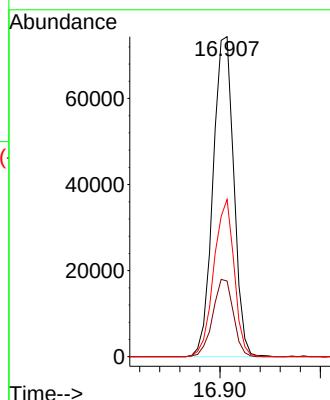
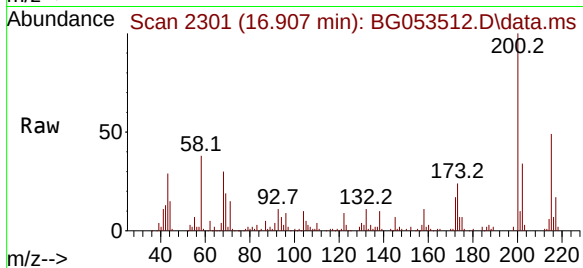
Tgt Ion:200 Resp: 106903

Ion Ratio Lower Upper

200 100

173 23.6 3.7 43.7

215 49.1 25.2 65.2



#70

Pentachlorophenol

Concen: 94.718 ng

RT: 17.119 min Scan# 2337

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

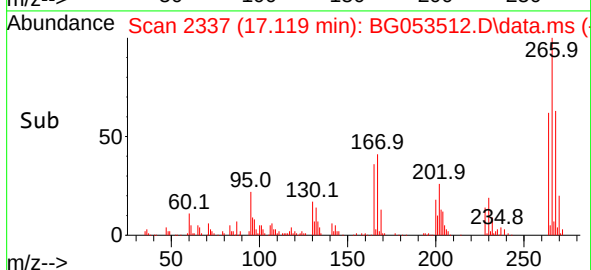
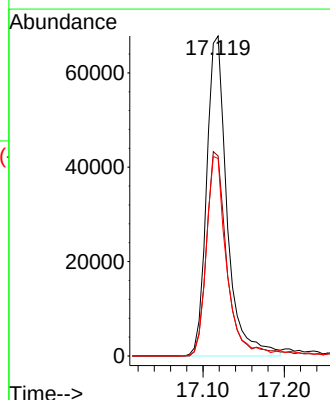
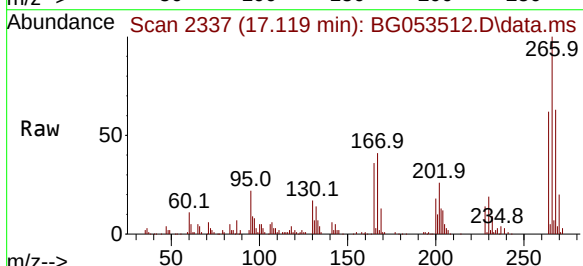
Tgt Ion:266 Resp: 118591

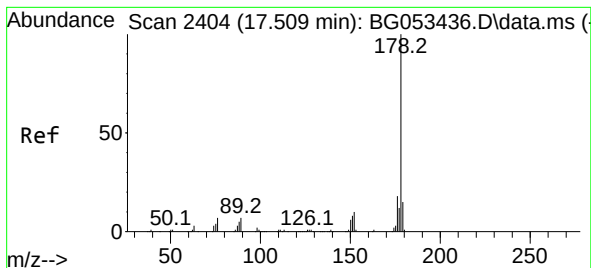
Ion Ratio Lower Upper

266 100

268 62.5 56.2 84.2

264 61.7 53.0 79.4





#71

Phenanthrene

Concen: 50.285 ng

RT: 17.500 min Scan# 2404

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

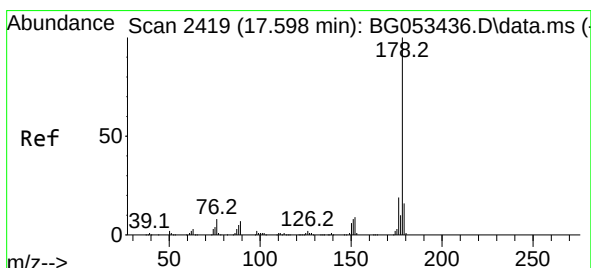
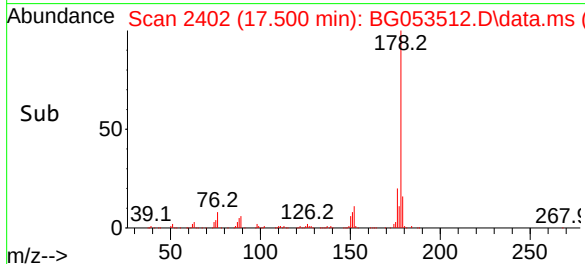
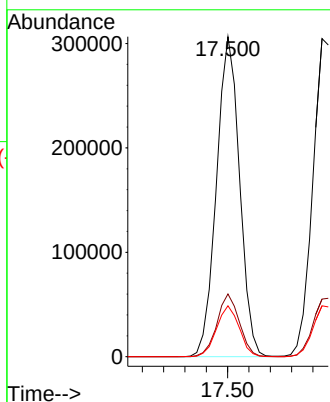
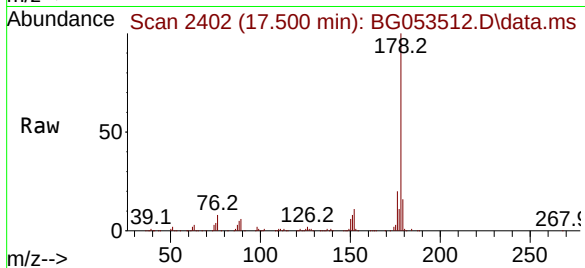
Tgt Ion:178 Resp: 460345

Ion Ratio Lower Upper

178 100

176 19.6 14.1 21.1

179 15.9 12.1 18.1



#72

Anthracene

Concen: 52.412 ng

RT: 17.588 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

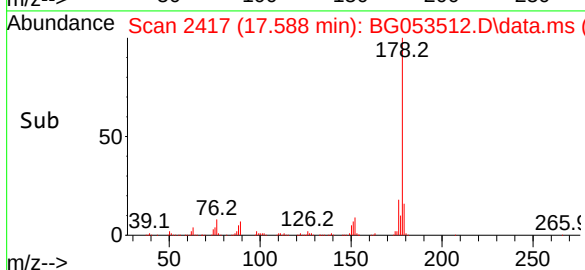
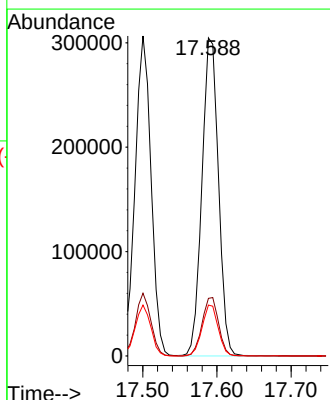
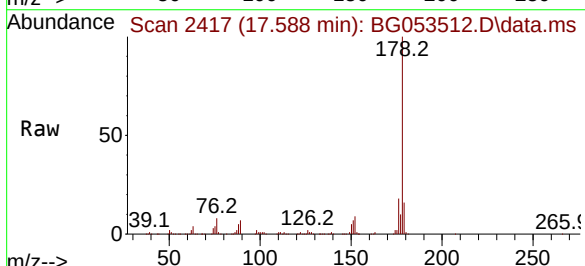
Tgt Ion:178 Resp: 471619

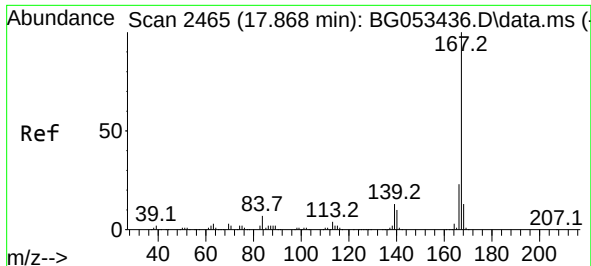
Ion Ratio Lower Upper

178 100

176 18.1 15.2 22.8

179 16.0 13.0 19.4

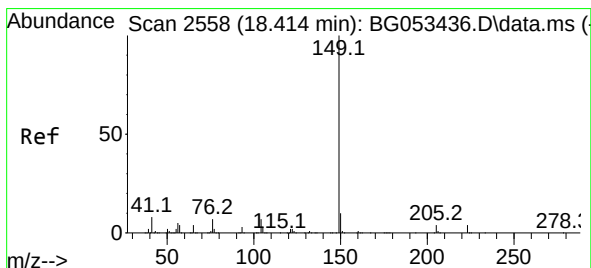
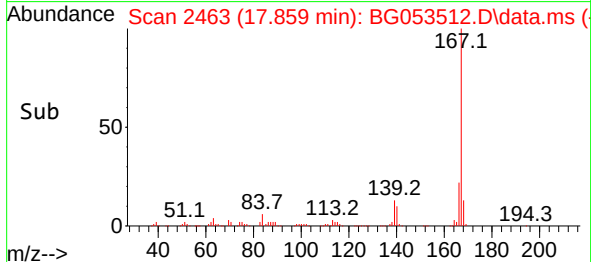
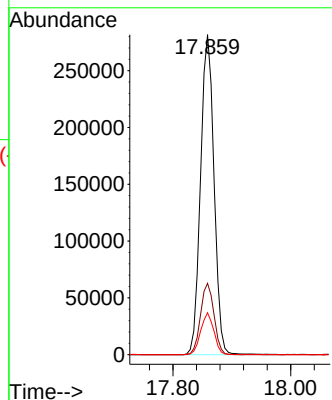
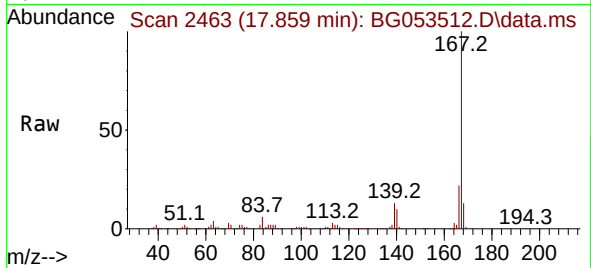




#73
 Carbazole
 Concen: 50.728 ng
 RT: 17.859 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BG053512.D
 Acq: 10 May 2022 17:39

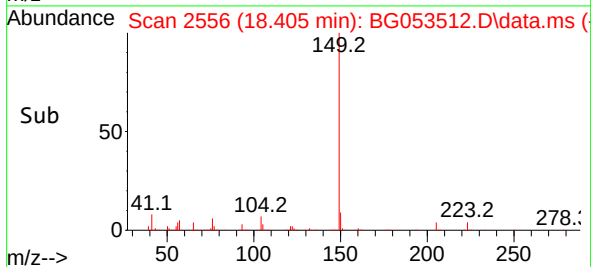
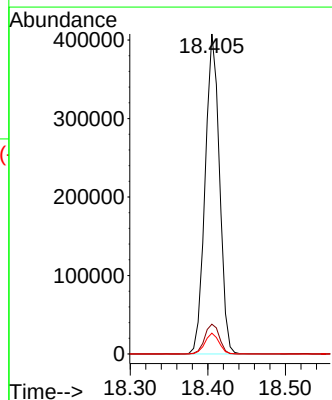
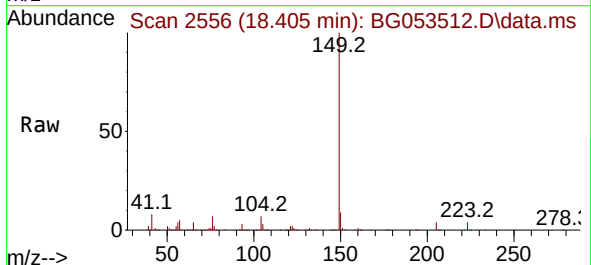
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220509MS

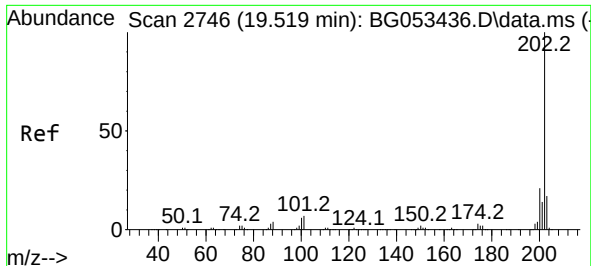
Tgt Ion:167 Resp: 447368
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.1 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 52.762 ng
 RT: 18.405 min Scan# 2556
 Delta R.T. 0.000 min
 Lab File: BG053512.D
 Acq: 10 May 2022 17:39

Tgt Ion:149 Resp: 523310
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 6.5 5.4 8.0

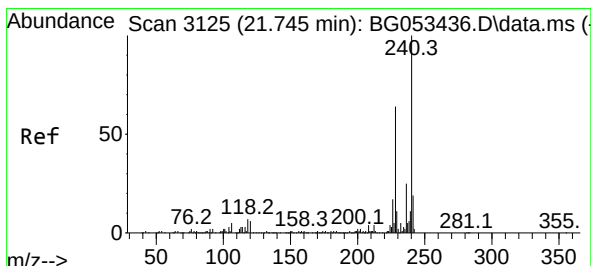
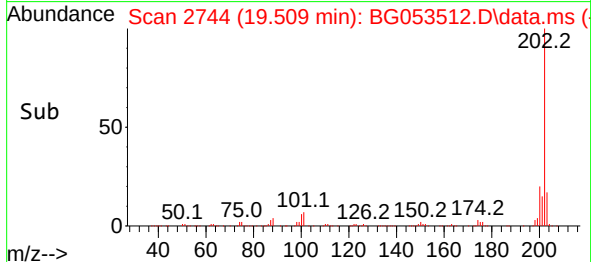
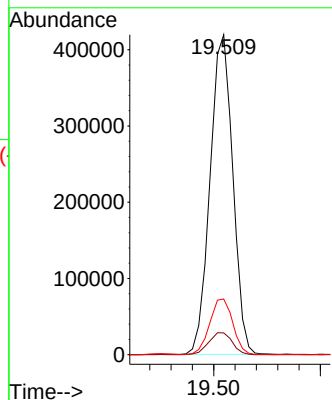
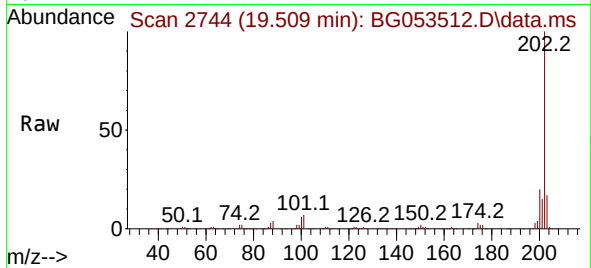




#75
Fluoranthene
Concen: 52.382 ng
RT: 19.509 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

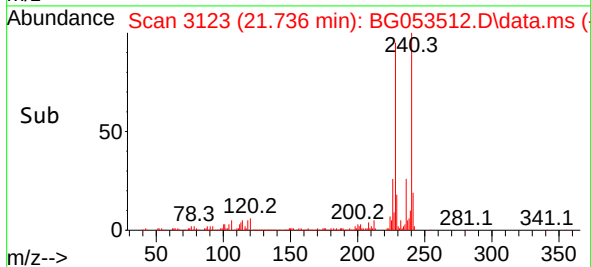
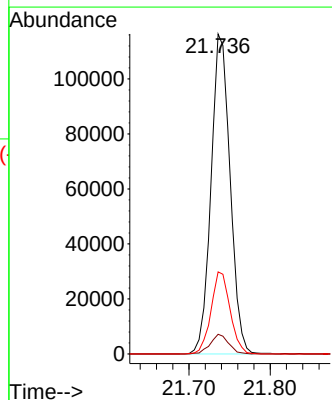
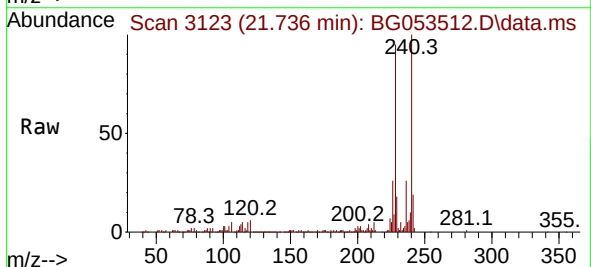
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

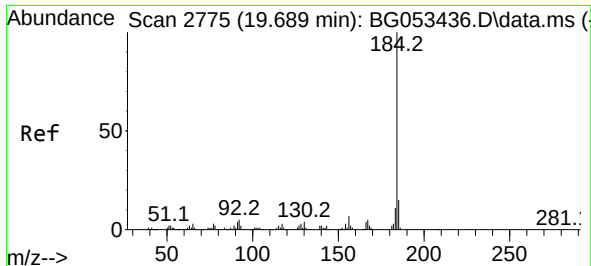
Tgt Ion:202 Resp: 620921
Ion Ratio Lower Upper
202 100
101 6.8 0.0 26.9
203 17.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:240 Resp: 189572
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 25.6 20.2 30.4

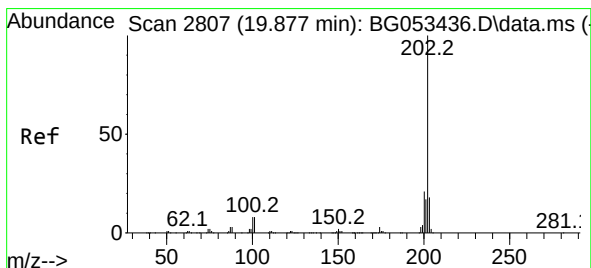
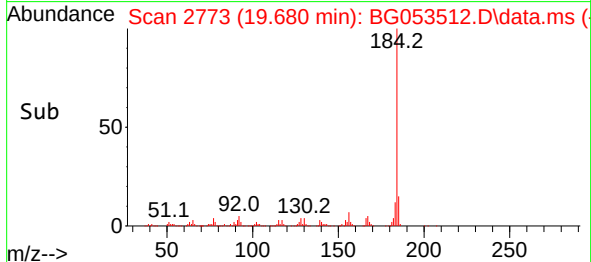
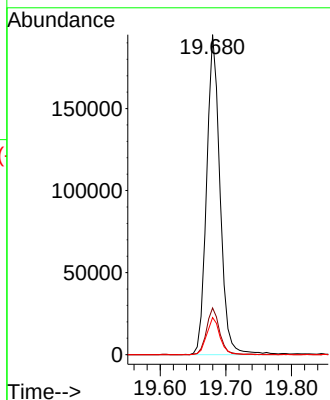
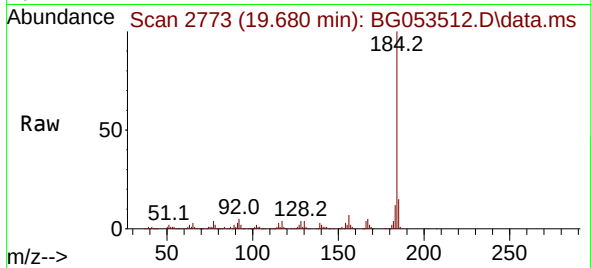




#77
Benzidine
Concen: 67.921 ng
RT: 19.680 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

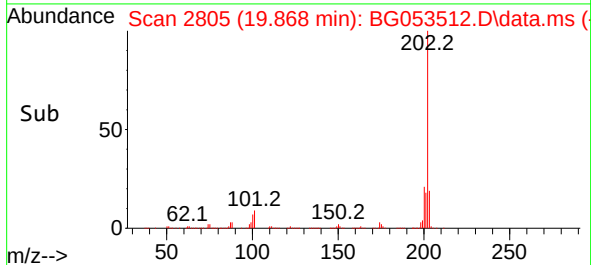
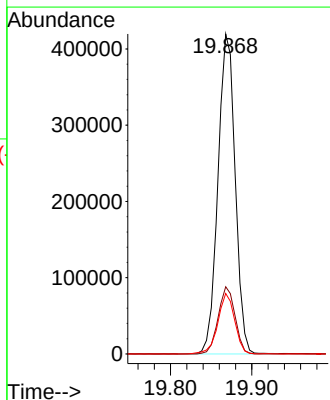
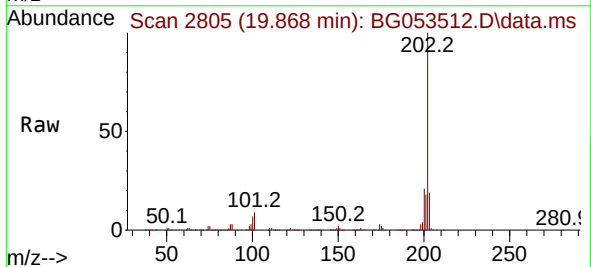
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

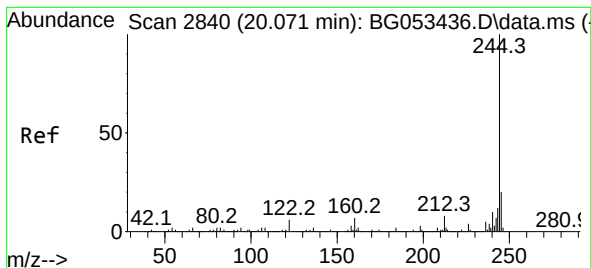
Tgt Ion:184 Resp: 277523
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 11.6 8.9 13.3



#78
Pyrene
Concen: 50.506 ng
RT: 19.868 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:202 Resp: 619804
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 18.9 14.6 21.8





#79

Terphenyl-d14

Concen: 78.020 ng

RT: 20.062 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053512.D

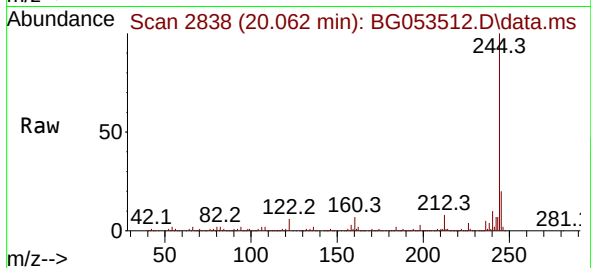
Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS



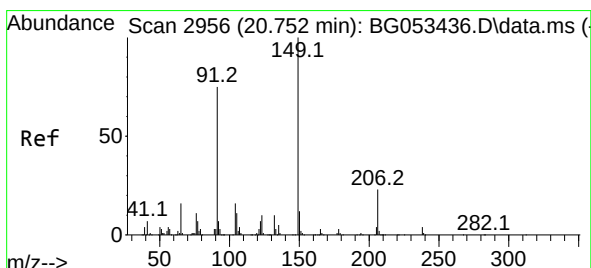
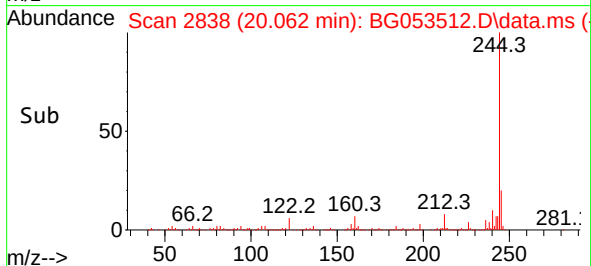
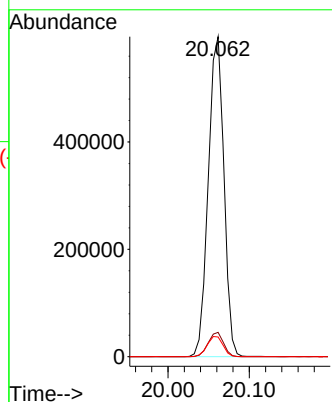
Tgt Ion:244 Resp: 794124

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 6.2 5.0 7.4



#80

Butylbenzylphthalate

Concen: 52.371 ng

RT: 20.743 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

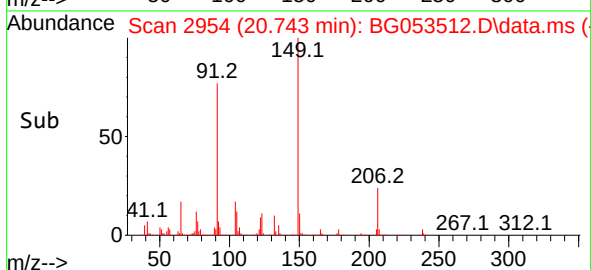
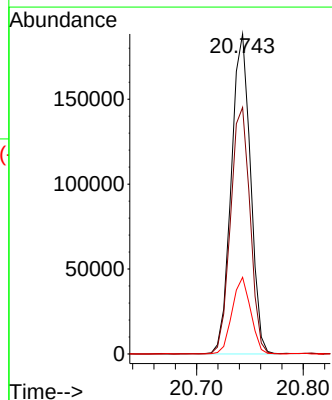
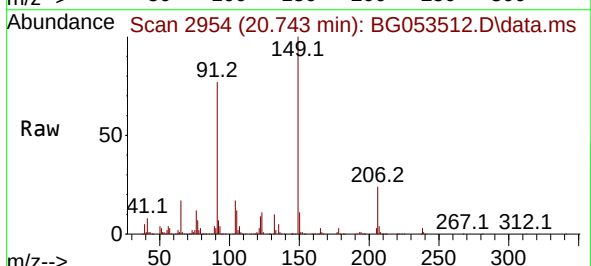
Tgt Ion:149 Resp: 235673

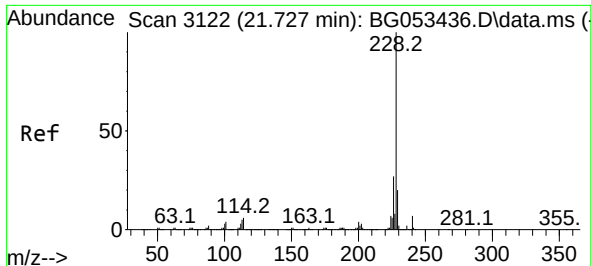
Ion Ratio Lower Upper

149 100

91 77.0 59.6 89.4

206 24.0 18.6 28.0

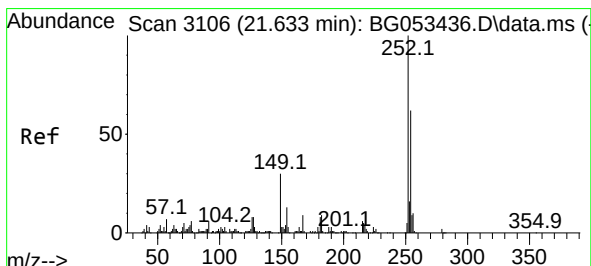
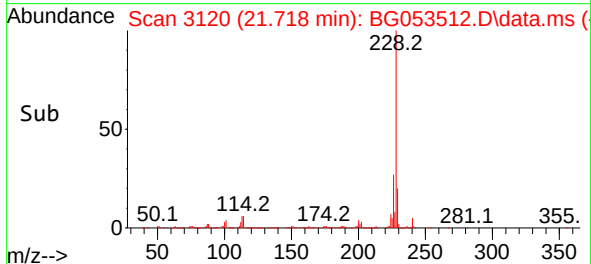
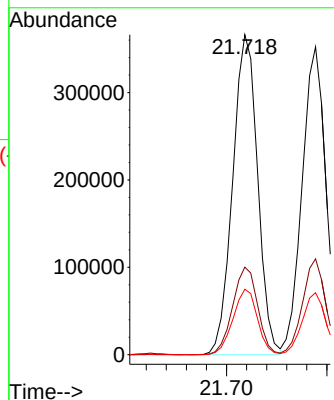
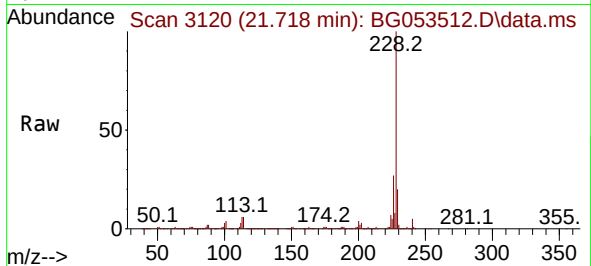




#81
Benzo(a)anthracene
Concen: 52.238 ng
RT: 21.718 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

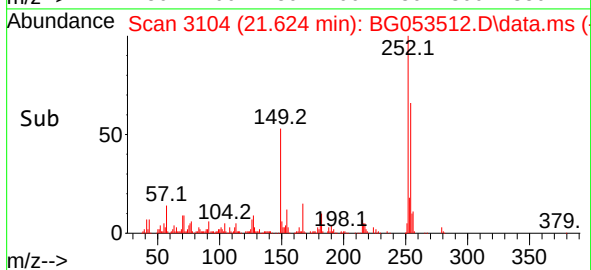
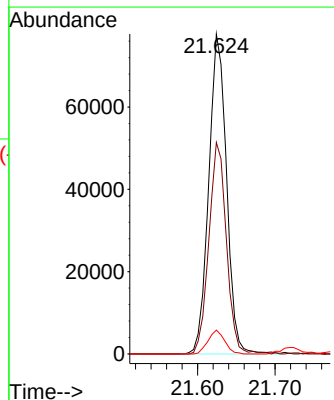
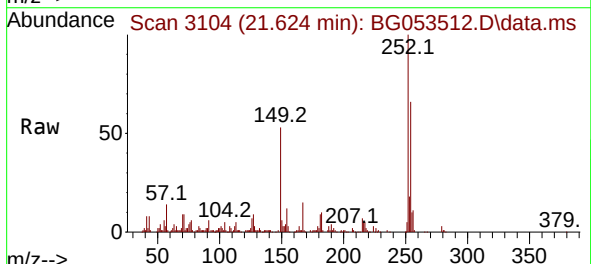
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

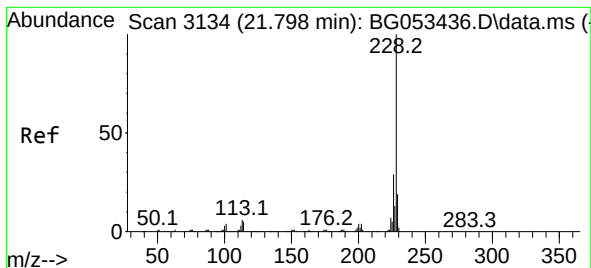
Tgt Ion:228 Resp: 631620
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 20.5 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 40.536 ng
RT: 21.624 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:252 Resp: 124291
Ion Ratio Lower Upper
252 100
254 66.1 49.8 74.8
126 7.5 6.0 9.0





#83

Chrysene

Concen: 50.950 ng

RT: 21.789 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

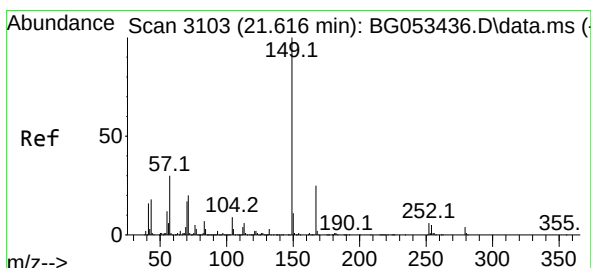
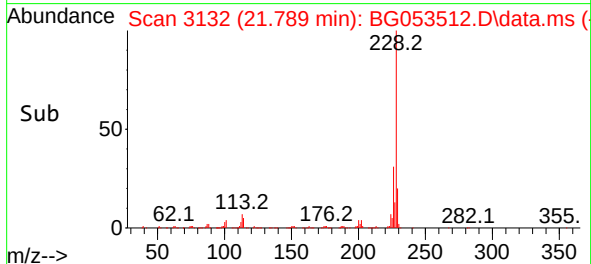
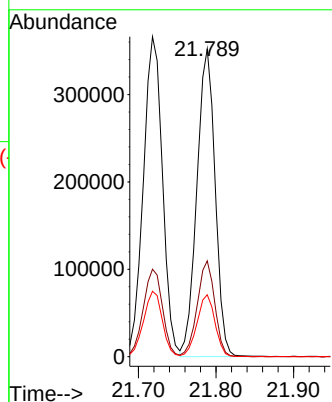
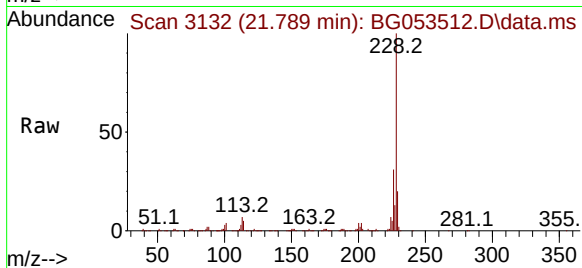
Tgt Ion:228 Resp: 575371

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.2

229 20.1 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.757 ng

RT: 21.607 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

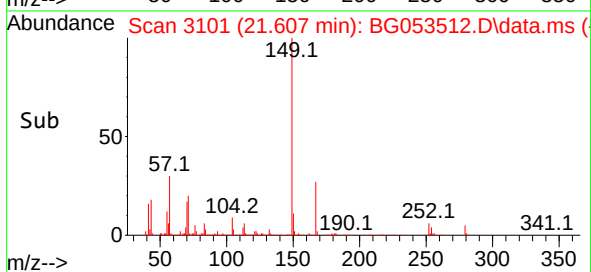
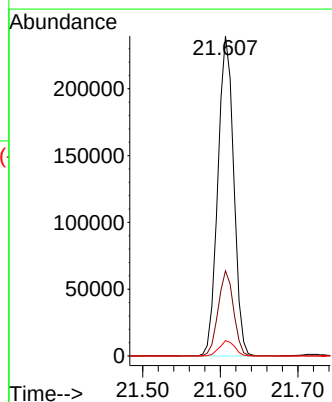
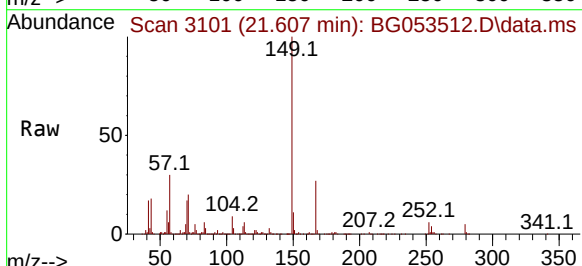
Tgt Ion:149 Resp: 340105

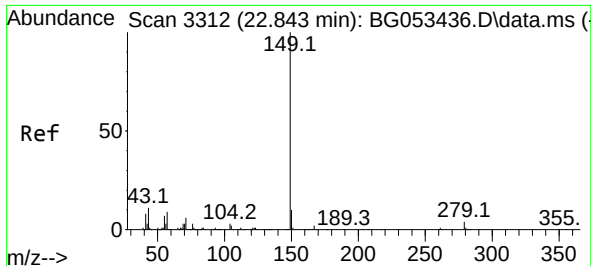
Ion Ratio Lower Upper

149 100

167 26.6 20.2 30.4

279 4.8 3.6 5.4

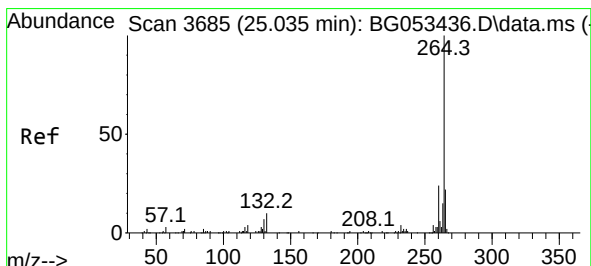
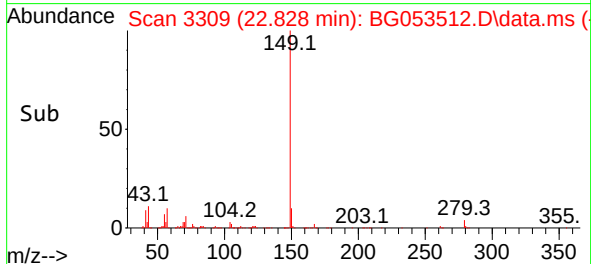
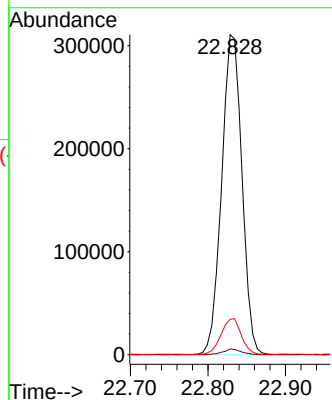
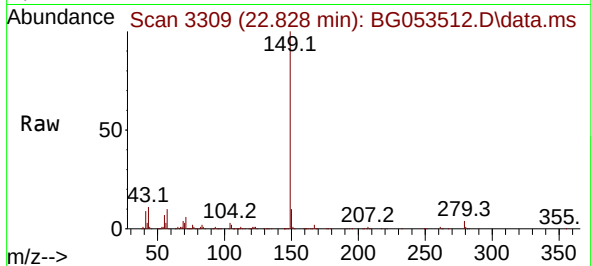




#85
Di-n-octyl phthalate
Concen: 53.916 ng
RT: 22.828 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

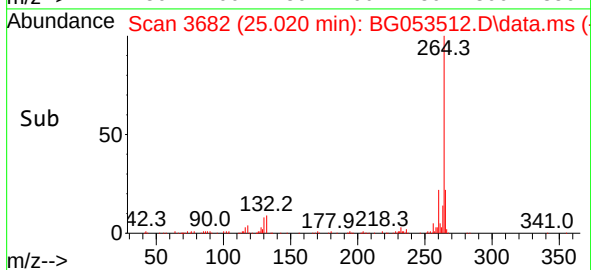
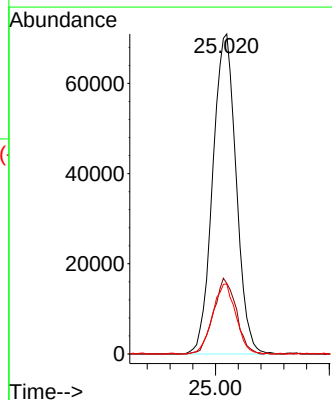
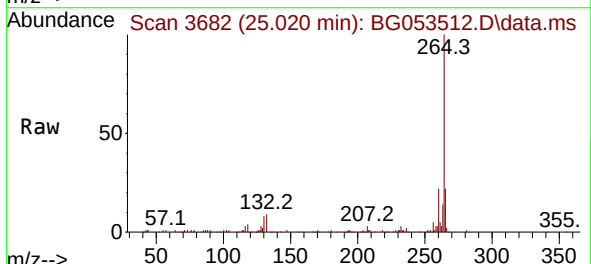
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

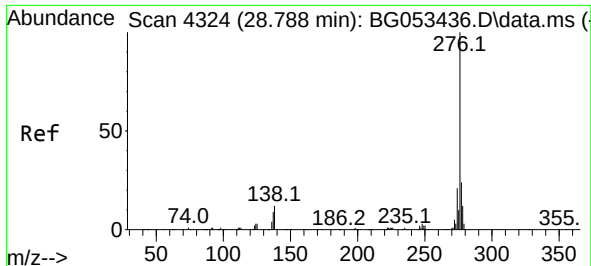
Tgt Ion:149 Resp: 566272
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.020 min Scan# 3682
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:264 Resp: 202911
Ion Ratio Lower Upper
264 100
260 22.0 19.0 28.6
265 21.9 17.4 26.2

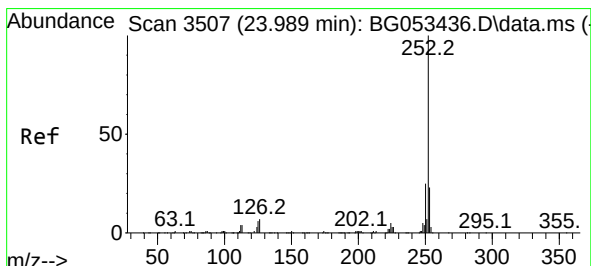
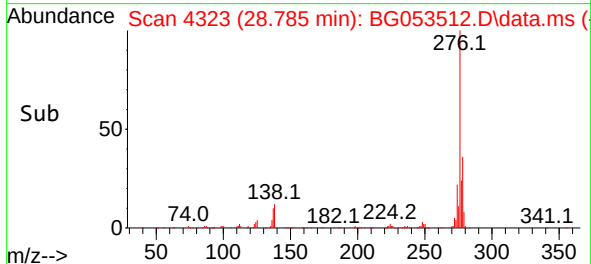
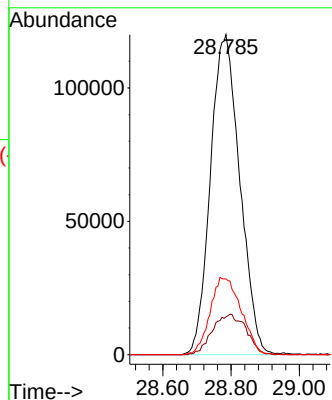
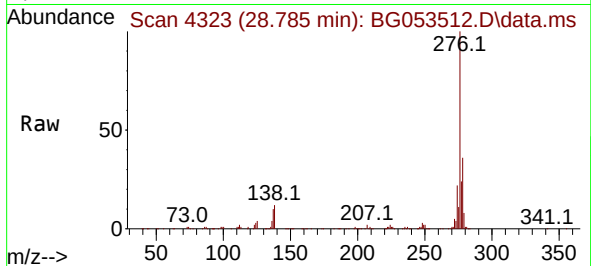




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.705 ng
 RT: 28.785 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BG053512.D
 Acq: 10 May 2022 17:39

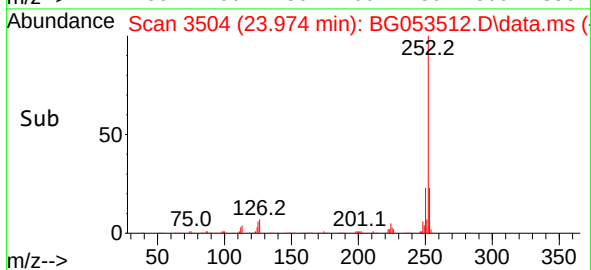
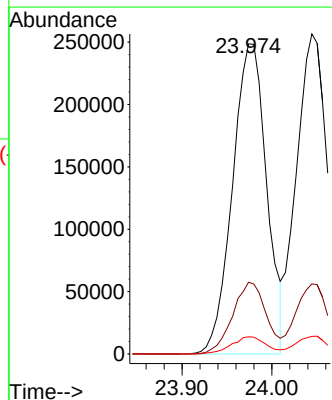
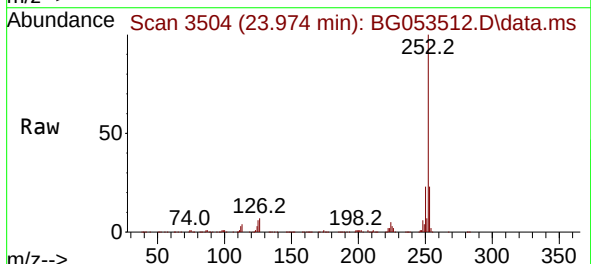
Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220509MS

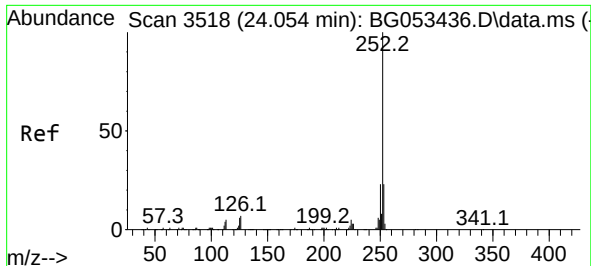
Tgt Ion:276 Resp: 716577
 Ion Ratio Lower Upper
 276 100
 138 14.4 5.0 7.4#
 277 0.0 20.3 30.5#



#88
 Benzo(b)fluoranthene
 Concen: 54.679 ng
 RT: 23.974 min Scan# 3504
 Delta R.T. -0.006 min
 Lab File: BG053512.D
 Acq: 10 May 2022 17:39

Tgt Ion:252 Resp: 656729
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.0 27.0
 125 5.5 4.6 6.8

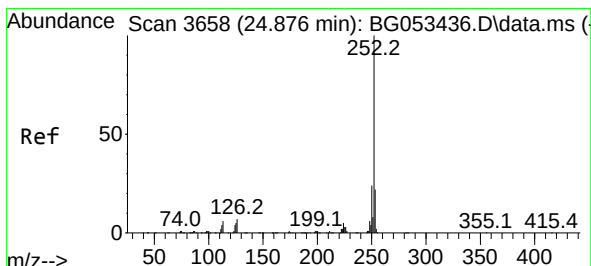
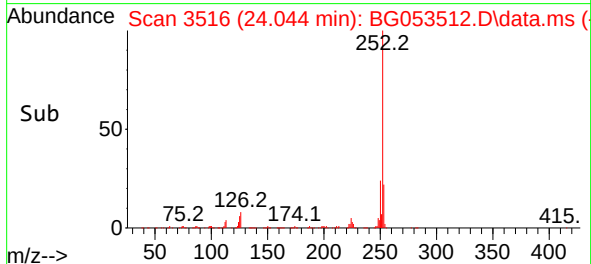
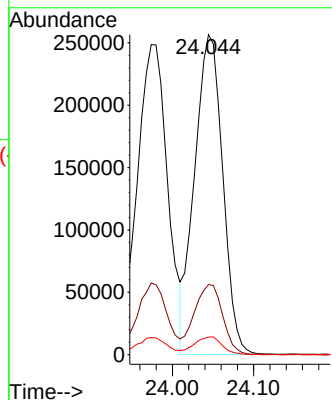
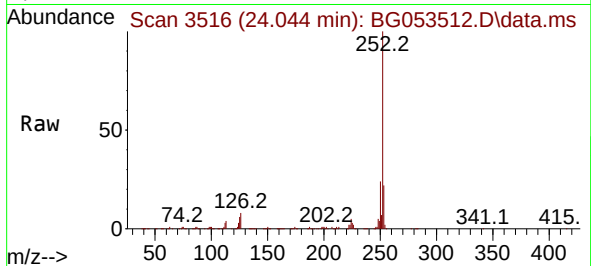




#89
Benzo(k)fluoranthene
Concen: 52.242 ng
RT: 24.044 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

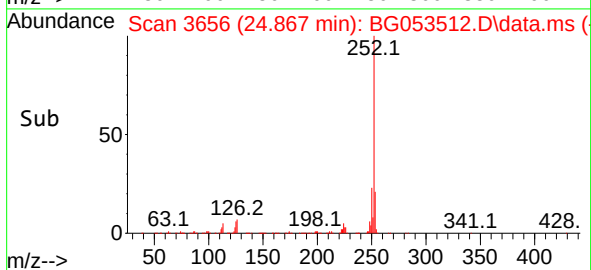
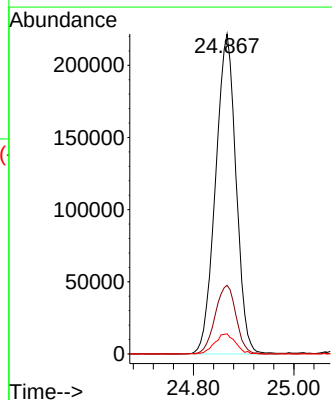
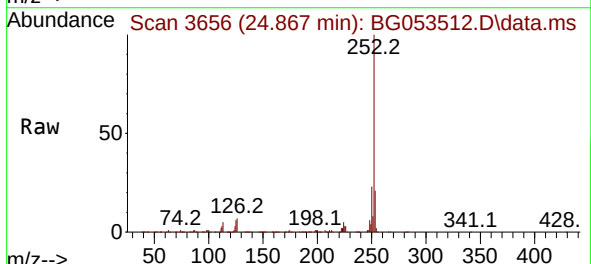
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509MS

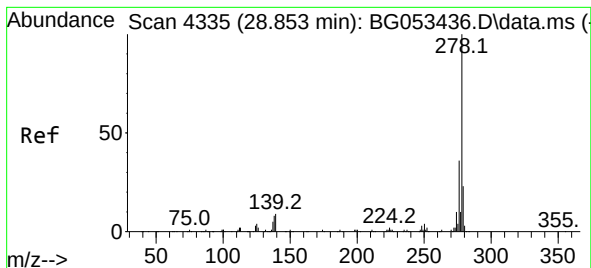
Tgt Ion:252 Resp: 616583
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 5.5 4.8 7.2



#90
Benzo(a)pyrene
Concen: 61.434 ng
RT: 24.867 min Scan# 3656
Delta R.T. 0.000 min
Lab File: BG053512.D
Acq: 10 May 2022 17:39

Tgt Ion:252 Resp: 628034
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 6.3 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 53.524 ng

RT: 28.826 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509MS

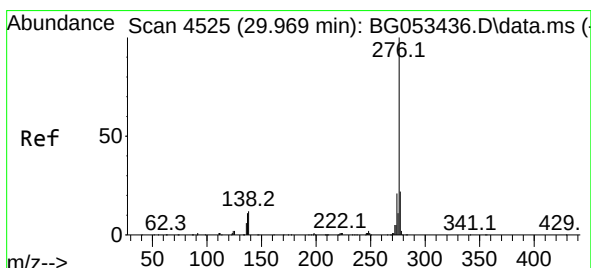
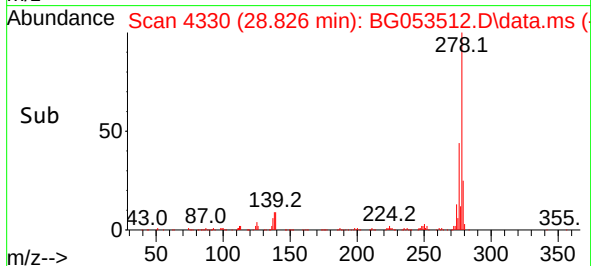
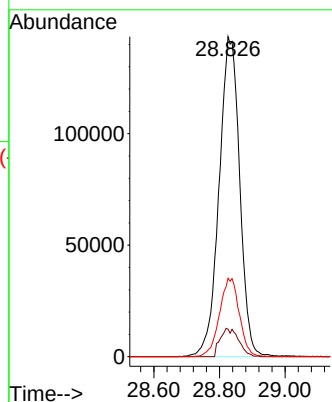
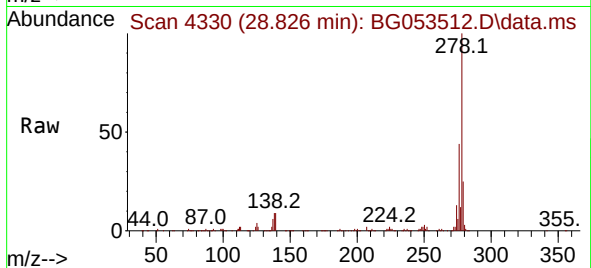
Tgt Ion:278 Resp: 623282

Ion Ratio Lower Upper

278 100

139 8.6 7.2 10.8

279 24.5 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 54.236 ng

RT: 29.960 min Scan# 4523

Delta R.T. 0.006 min

Lab File: BG053512.D

Acq: 10 May 2022 17:39

Tgt Ion:276 Resp: 626044

Ion Ratio Lower Upper

276 100

277 22.9 17.3 25.9

138 10.6 9.6 14.4

