

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053565.D
 Acq On : 16 May 2022 13:39
 Operator : CG/JU
 Sample : N2832-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB21MSD

Quant Time: May 17 05:20:14 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	8.088	152	26696	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	107670	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	84034	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	199748	20.000	ng	0.00
76) Chrysene-d12	21.746	240	184976	20.000	ng	0.00
86) Perylene-d12	25.024	264	195361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	142428	90.545	ng	0.00
7) Phenol-d6	7.254	99	216713	90.778	ng	0.00
23) Nitrobenzene-d5	9.251	82	149520	59.114	ng	0.00
42) 2,4,6-Tribromophenol	16.206	330	117821	95.063	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	326114	56.708	ng	0.00
79) Terphenyl-d14	20.060	244	572832	57.677	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.529	88	27809	33.694	ng	Qvalue
3) Pyridine	3.935	79	71307	35.378	ng	# 89
4) n-Nitrosodimethylamine	3.846	42	46060	46.911	ng	94
6) Aniline	7.406	93	101332	38.324	ng	# 97
8) 2-Chlorophenol	7.659	128	83956	51.055	ng	97
9) Benzaldehyde	7.218	77	54722	36.082	ng	98
10) Phenol	7.283	94	118462	50.737	ng	90
11) bis(2-Chloroethyl)ether	7.500	93	80222	46.069	ng	94
12) 1,3-Dichlorobenzene	7.976	146	88808	45.779	ng	95
13) 1,4-Dichlorobenzene	8.123	146	90046	45.998	ng	94
14) 1,2-Dichlorobenzene	8.440	146	86688	47.157	ng	98
15) Benzyl Alcohol	8.323	79	99582	49.894	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.611	45	132101	46.611	ng	98
17) 2-Methylphenol	8.534	107	80111	50.765	ng	98
18) Hexachloroethane	9.175	117	34744	46.736	ng	92
19) n-Nitroso-di-n-propyla...	8.887	70	80182	46.812	ng	96
20) 3+4-Methylphenols	8.863	107	110563	49.607	ng	97
22) Acetophenone	8.910	105	135761	46.071	ng	97
24) Nitrobenzene	9.292	77	119537	48.829	ng	98
25) Isophorone	9.815	82	220320	51.758	ng	100
26) 2-Nitrophenol	10.009	139	50951	51.387	ng	100
27) 2,4-Dimethylphenol	10.067	122	84933	56.919	ng	97
28) bis(2-Chloroethoxy)met...	10.291	93	116886	47.744	ng	98
29) 2,4-Dichlorophenol	10.549	162	97737	54.271	ng	99
30) 1,2,4-Trichlorobenzene	10.761	180	97798	47.796	ng	94
31) Naphthalene	10.949	128	262082	47.852	ng	99
32) Benzoic acid	10.067	122	84933	83.446	ng	97
33) 4-Chloroaniline	11.054	127	74590	32.520	ng	# 13
34) Hexachlorobutadiene	11.236	225	70854	46.698	ng	99
35) Caprolactam	11.842	113	20572	31.434	ng	97
36) 4-Chloro-3-methylphenol	12.182	107	114479	53.142	ng	92
37) 2-Methylnaphthalene	12.546	142	194356	47.551	ng	96
38) 1-Methylnaphthalene	12.770	142	187277	46.962	ng	98
40) 1,2,4,5-Tetrachloroben...	12.917	216	126713	47.837	ng	100
41) Hexachlorocyclopentadiene	12.899	237	114809	103.492	ng	98
43) 2,4,6-Trichlorophenol	13.157	196	96243	55.663	ng	96

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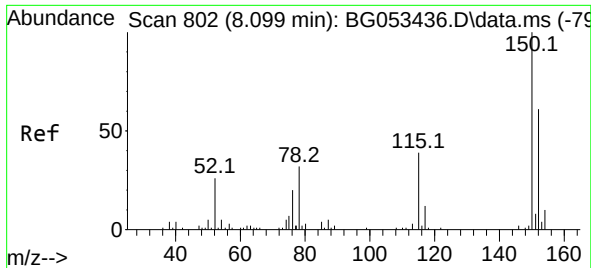
Quant Time: May 17 05:20:14 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	100929	54.846	ng	98
46) 1,1'-Biphenyl	13.551	154	275122	48.030	ng	98
47) 2-Chloronaphthalene	13.598	162	211482	47.124	ng	98
48) 2-Nitroaniline	13.798	65	86945	51.993	ng	98
49) Acenaphthylene	14.438	152	364007	50.829	ng	98
50) Dimethylphthalate	14.168	163	301025	47.140	ng	99
51) 2,6-Dinitrotoluene	14.285	165	66957	51.466	ng	97
52) Acenaphthene	14.779	154	205196	48.080	ng	98
53) 3-Nitroaniline	14.620	138	46812	33.301	ng	99
54) 2,4-Dinitrophenol	14.837	184	43572	54.888	ng	93
55) Dibenzofuran	15.114	168	352215	45.946	ng	96
56) 4-Nitrophenol	14.937	139	102782	102.370	ng	92
57) 2,4-Dinitrotoluene	15.078	165	95746	50.772	ng	89
58) Fluorene	15.760	166	287263	46.697	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.343	232	99799	53.451	ng	99
60) Diethylphthalate	15.519	149	312109	47.316	ng	99
61) 4-Chlorophenyl-phenylether	15.748	204	161308	46.991	ng	99
62) 4-Nitroaniline	15.783	138	67877	46.555	ng	95
63) Azobenzene	16.042	77	310671	45.993	ng	99
65) 4,6-Dinitro-2-methylph...	15.848	198	53227	44.719	ng	97
66) n-Nitrosodiphenylamine	15.959	169	263428	50.230	ng	96
67) 4-Bromophenyl-phenylether	16.641	248	115958	49.707	ng	96
68) Hexachlorobenzene	16.770	284	128021	50.108	ng	99
69) Atrazine	16.905	200	111847	50.660	ng	96
70) Pentachlorophenol	17.123	266	92706	68.113	ng	93
71) Phenanthrene	17.504	178	488007	48.047	ng	97
72) Anthracene	17.593	178	492867	49.369	ng	99
73) Carbazole	17.863	167	449206	45.911	ng	99
74) Di-n-butylphthalate	18.409	149	510160	46.362	ng	99
75) Fluoranthene	19.513	202	587582	44.679	ng	99
77) Benzidine	19.684	184	238993	59.944	ng	99
78) Pyrene	19.872	202	576592	48.152	ng	99
80) Butylbenzylphthalate	20.747	149	213968	48.729	ng	97
81) Benzo(a)anthracene	21.722	228	573181	48.582	ng	100
82) 3,3'-Dichlorobenzidine	21.628	252	122349	40.894	ng	98
83) Chrysene	21.793	228	522713	47.437	ng	98
84) Bis(2-ethylhexyl)phtha...	21.611	149	306754	50.615	ng	99
85) Di-n-octyl phthalate	22.838	149	522498	50.984	ng	99
87) Indeno(1,2,3-cd)pyrene	28.801	276	644845	47.393	ng	# 95
88) Benzo(b)fluoranthene	23.984	252	588855	50.923	ng	100
89) Benzo(k)fluoranthene	24.054	252	558026	49.108	ng	99
90) Benzo(a)pyrene	24.877	252	562077	57.107	ng	100
91) Dibenzo(a,h)anthracene	28.854	278	559993	49.947	ng	97
92) Benzo(g,h,i)perylene	29.982	276	560275	50.414	ng	95

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

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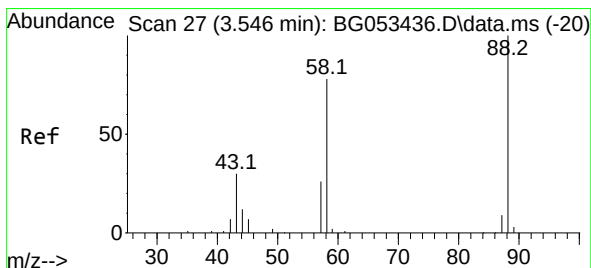
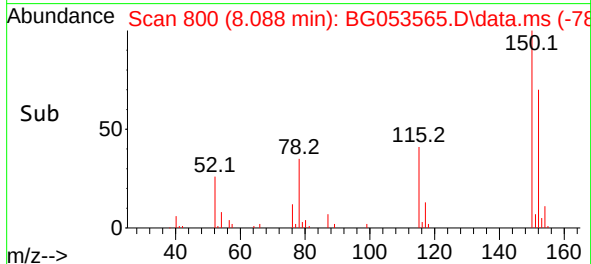
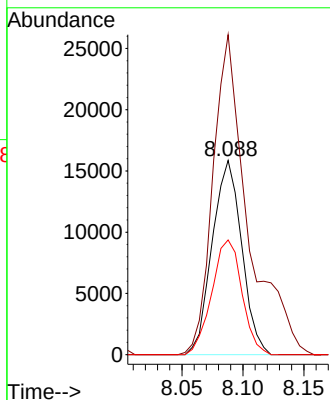
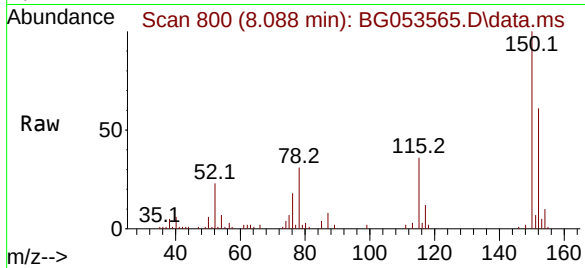




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.088 min Scan# 80
 Delta R.T. -0.001 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

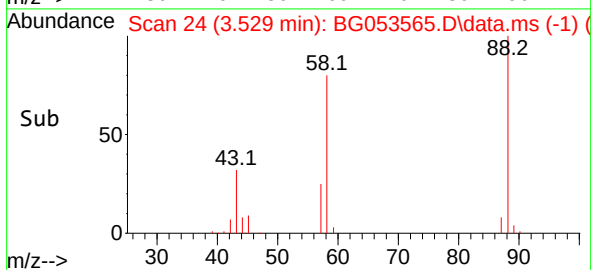
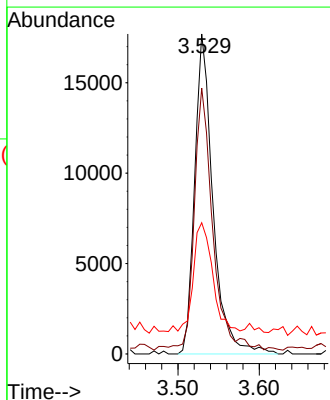
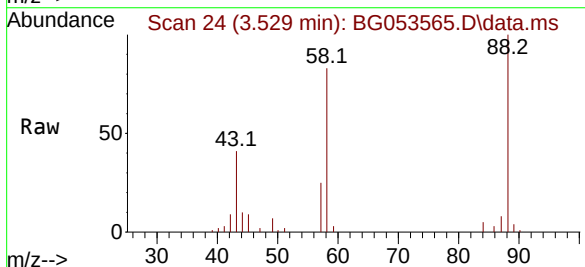
Instrument :
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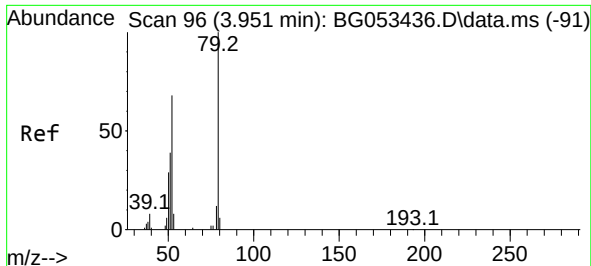
Tgt Ion:152 Resp: 26696
 Ion Ratio Lower Upper
 152 100
 150 164.8 131.6 197.4
 115 59.1 50.9 76.3



#2
 1,4-Dioxane
 Concen: 33.694 ng
 RT: 3.529 min Scan# 24
 Delta R.T. -0.008 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

Tgt Ion: 88 Resp: 27809
 Ion Ratio Lower Upper
 88 100
 58 82.9 59.2 88.8
 43 37.8 24.3 36.5#





#3

Pyridine

Concen: 35.378 ng

RT: 3.935 min Scan# 91

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

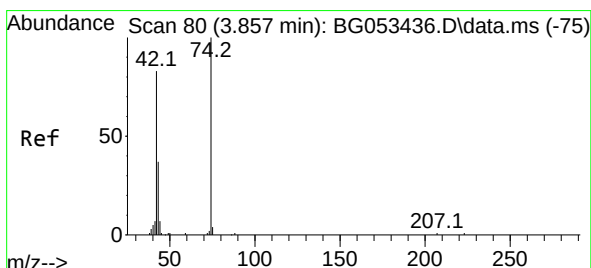
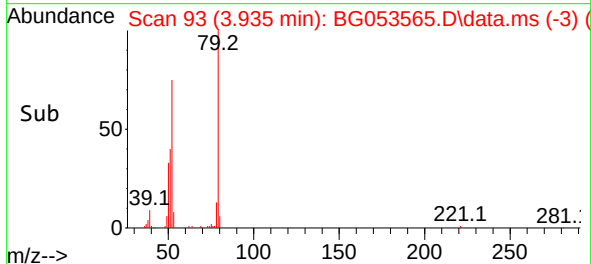
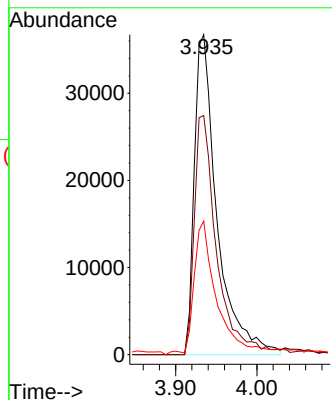
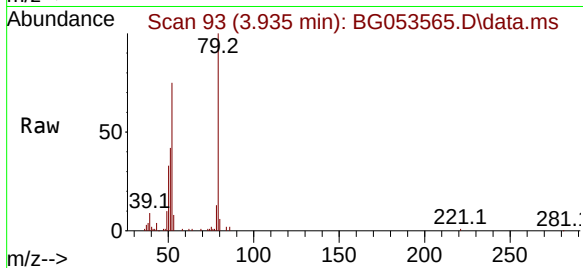
Tgt Ion: 79 Resp: 71307

Ion Ratio Lower Upper

79 100

52 74.8 54.6 81.8

51 41.8 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 46.911 ng

RT: 3.846 min Scan# 78

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

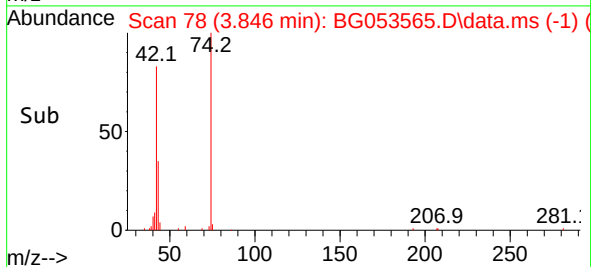
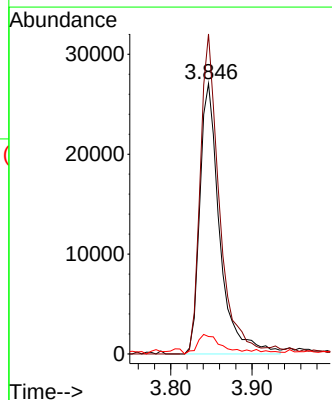
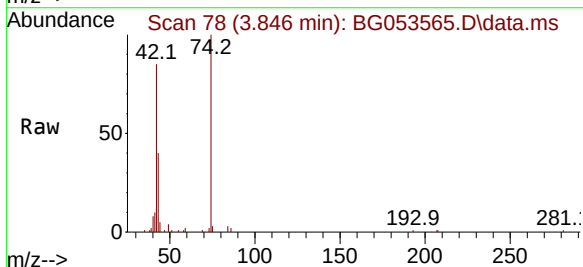
Tgt Ion: 42 Resp: 46060

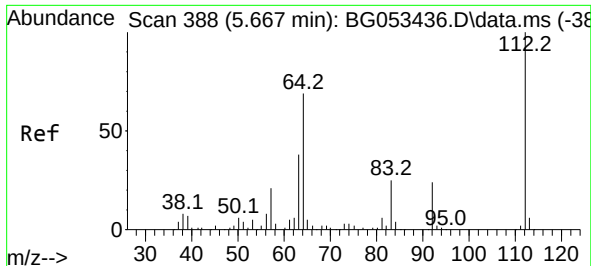
Ion Ratio Lower Upper

42 100

74 118.3 97.0 145.4

44 6.5 7.0 10.4

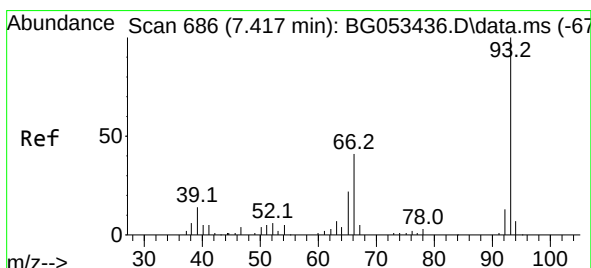
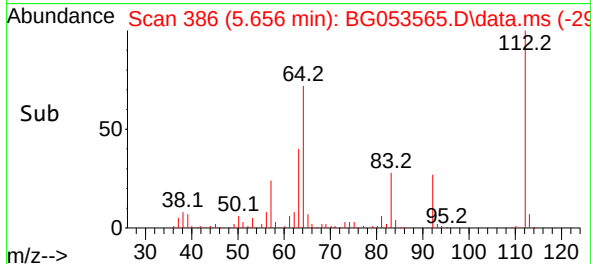
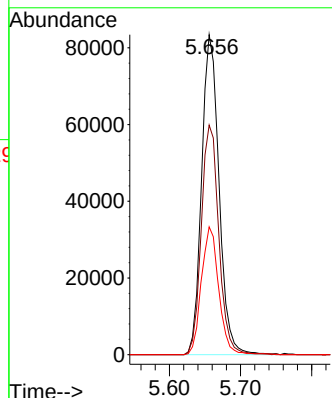
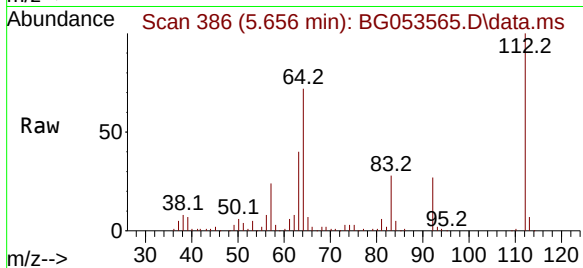




#5
2-Fluorophenol
Concen: 90.545 ng
RT: 5.656 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

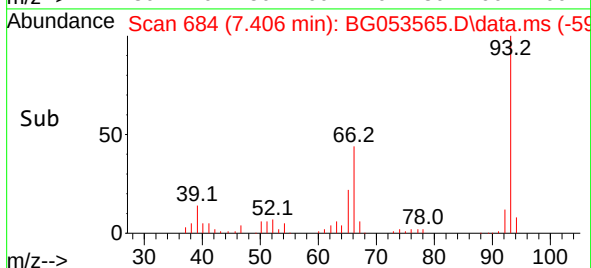
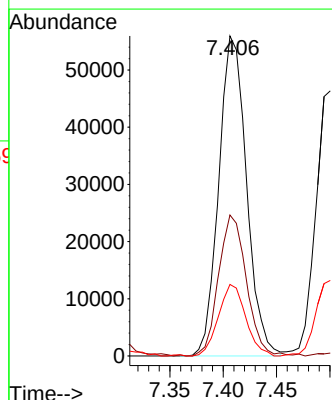
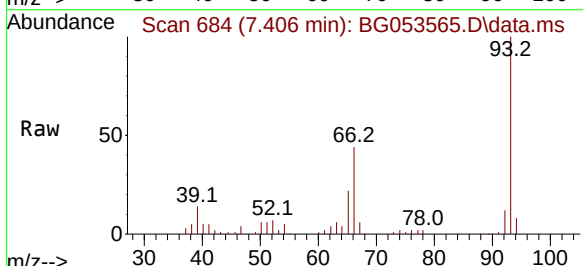
Instrument :
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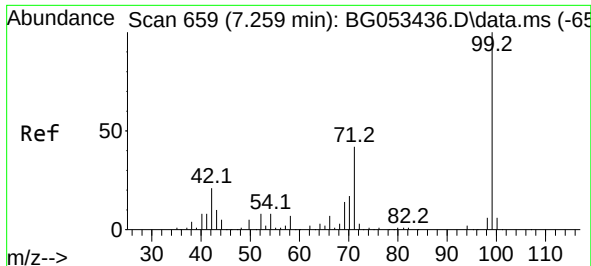
Tgt Ion:112 Resp: 142428
Ion Ratio Lower Upper
112 100
64 71.8 55.1 82.7
63 40.0 30.4 45.6



#6
Aniline
Concen: 38.324 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion: 93 Resp: 101332
Ion Ratio Lower Upper
93 100
66 44.0 32.9 49.3
65 22.4 17.8 26.8

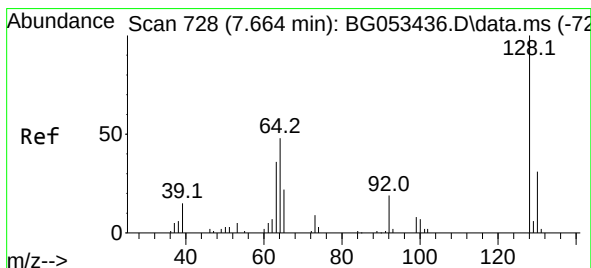
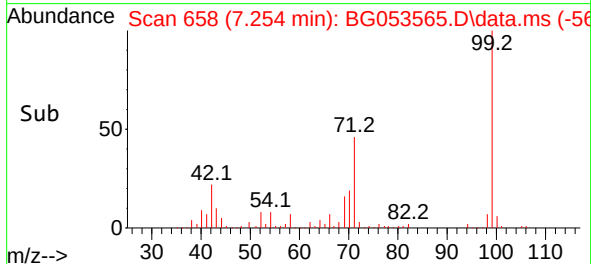
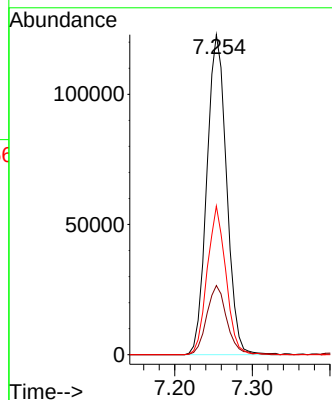
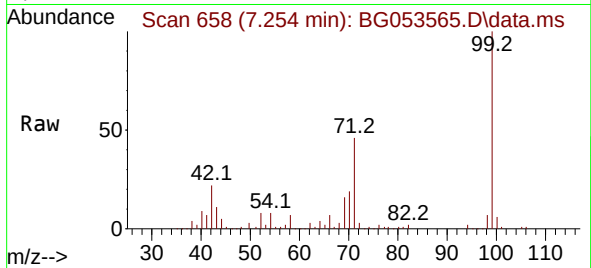




#7
Phenol-d6
Concen: 90.778 ng
RT: 7.254 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

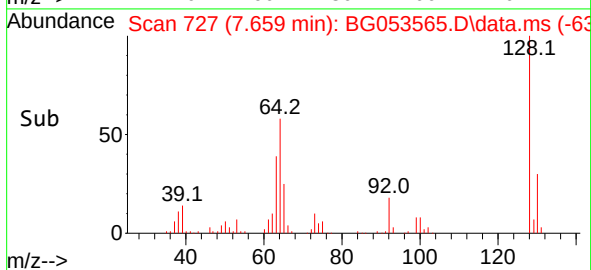
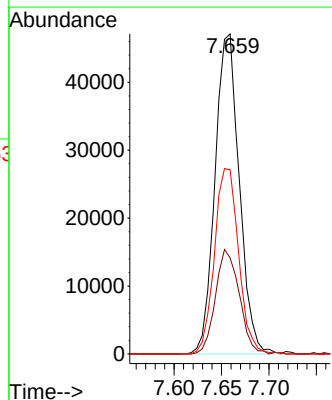
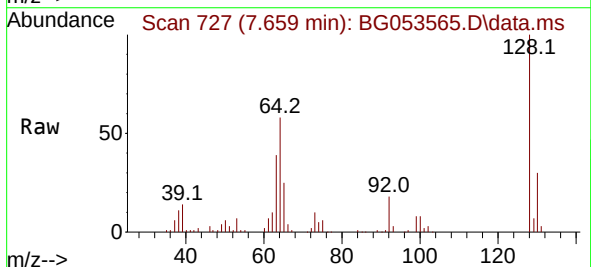
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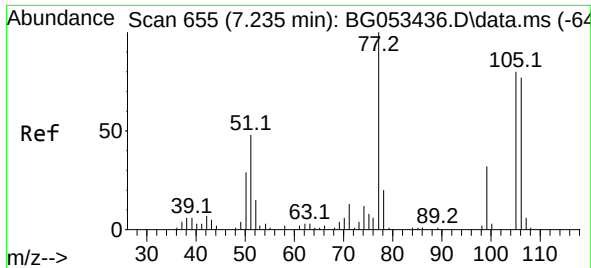
Tgt Ion: 99 Resp: 216713
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 46.5 33.8 50.8



#8
2-Chlorophenol
Concen: 51.055 ng
RT: 7.659 min Scan# 727
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion: 128 Resp: 83956
Ion Ratio Lower Upper
128 100
130 30.0 10.5 50.5
64 57.5 35.1 75.1

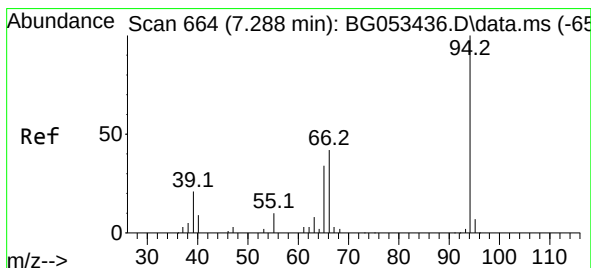
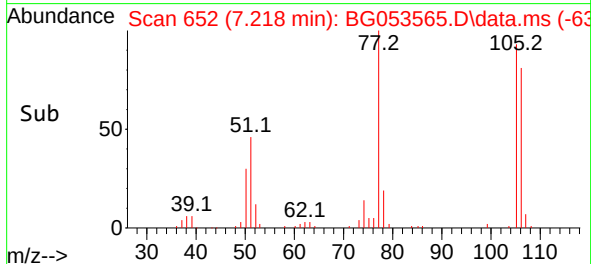
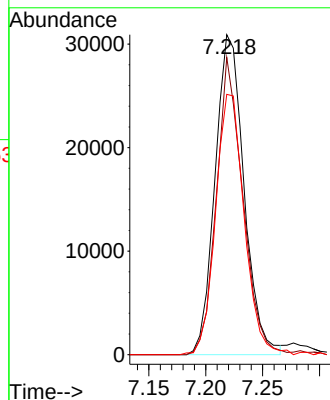
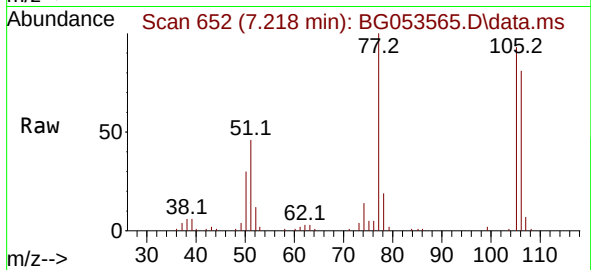




#9
Benzaldehyde
Concen: 36.082 ng
RT: 7.218 min Scan# 611
Delta R.T. -0.008 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

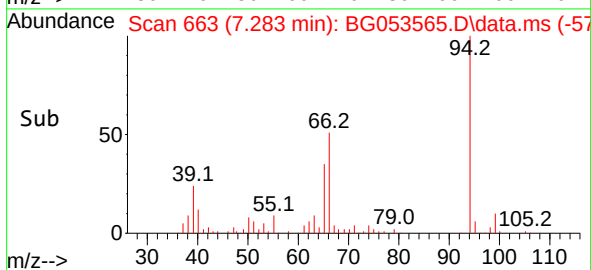
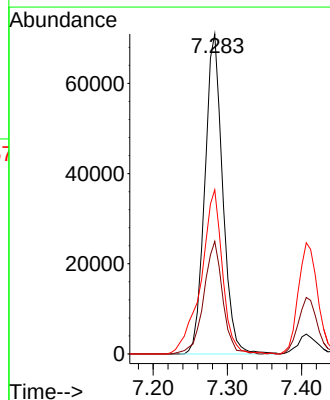
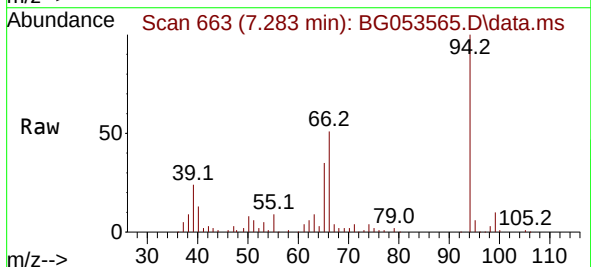
Instrument :
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ClientSampleId :
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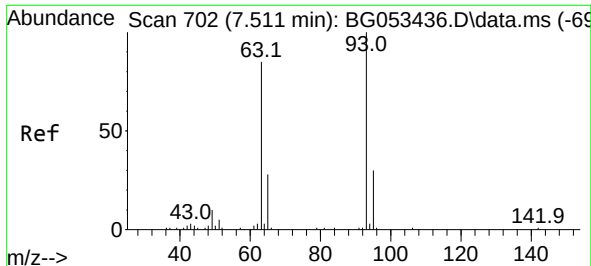
Tgt Ion: 77 Resp: 54722
Ion Ratio Lower Upper
77 100
105 92.9 59.6 99.6
106 81.4 56.8 96.8



#10
Phenol
Concen: 50.737 ng
RT: 7.283 min Scan# 663
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion: 94 Resp: 118462
Ion Ratio Lower Upper
94 100
65 35.2 14.8 54.8
66 51.3 25.2 65.2

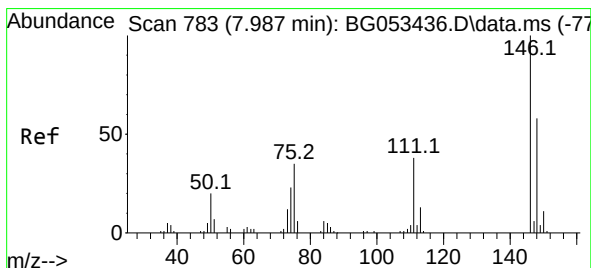
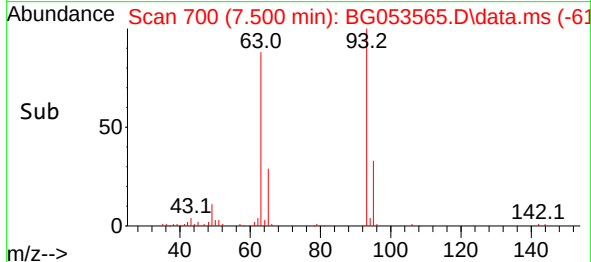
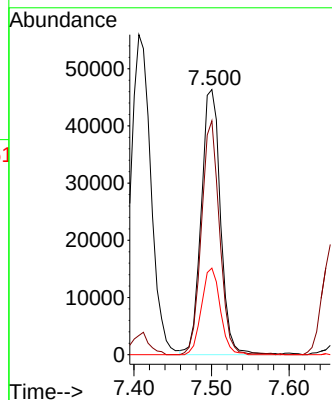
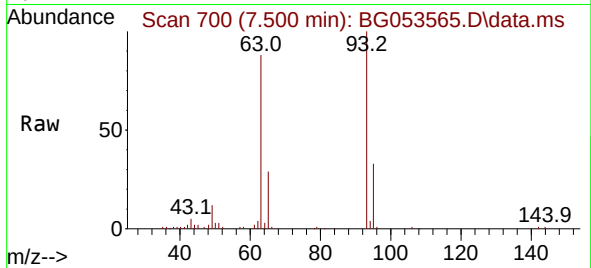




#11
bis(2-Chloroethyl)ether
Concen: 46.069 ng
RT: 7.500 min Scan# 702
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

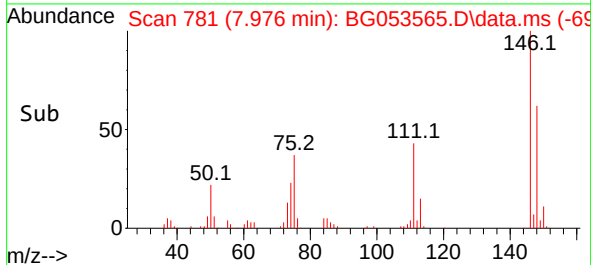
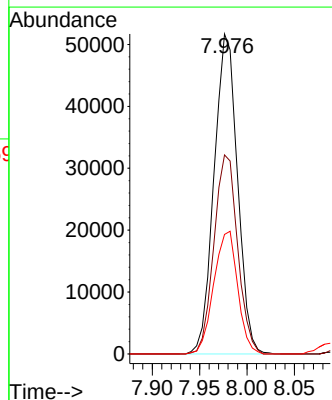
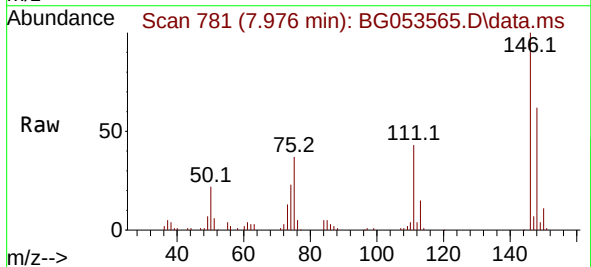
Instrument :
BNA_G
ClientSampleId :
SB21MSD

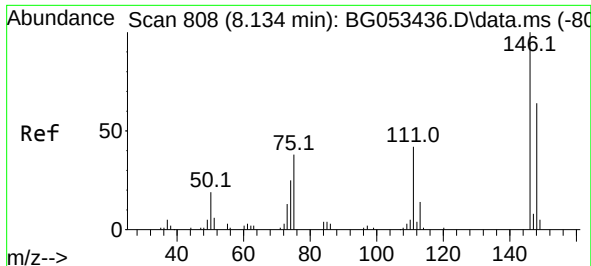
Tgt Ion: 93 Resp: 80222
Ion Ratio Lower Upper
93 100
63 88.2 63.6 103.6
95 32.7 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 45.779 ng
RT: 7.976 min Scan# 781
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:146 Resp: 88808
Ion Ratio Lower Upper
146 100
148 62.2 46.1 69.1
75 37.4 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 45.998 ng

RT: 8.123 min Scan# 80

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

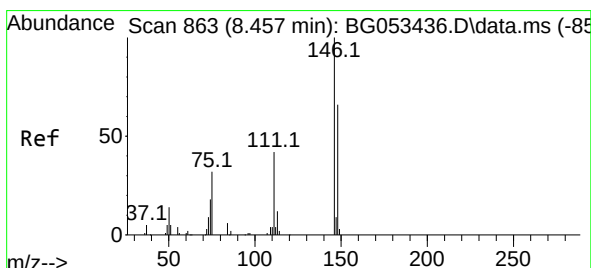
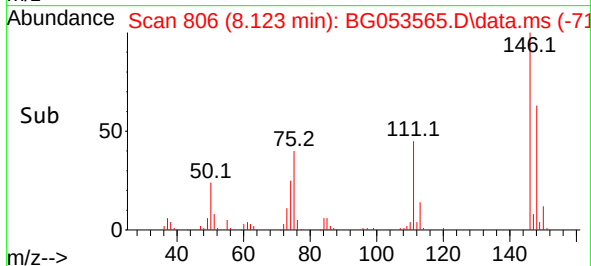
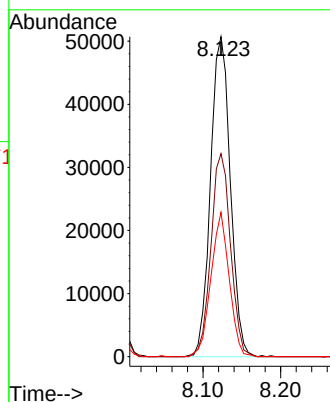
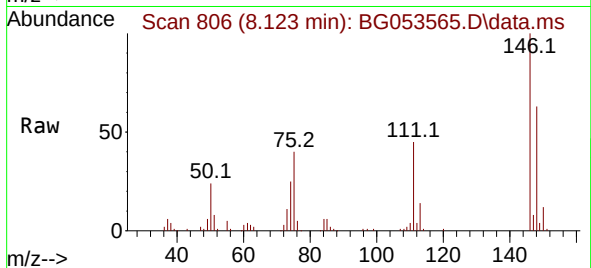
Tgt Ion:146 Resp: 90046

Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

111 45.1 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 47.157 ng

RT: 8.440 min Scan# 860

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

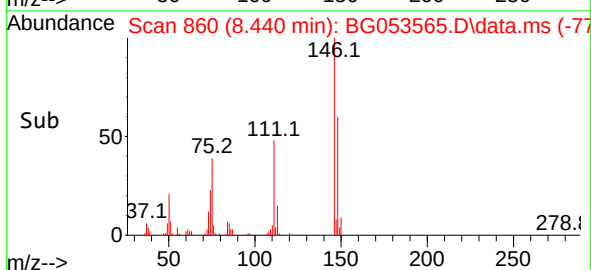
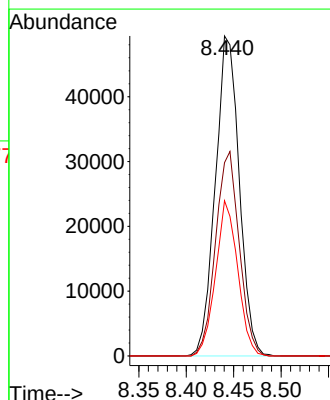
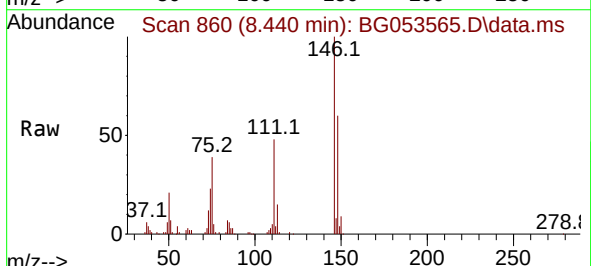
Tgt Ion:146 Resp: 86688

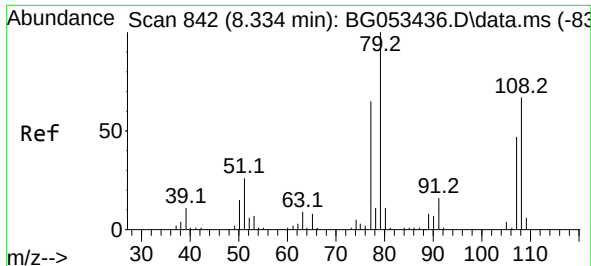
Ion Ratio Lower Upper

146 100

148 60.4 52.6 78.8

111 48.5 34.5 51.7

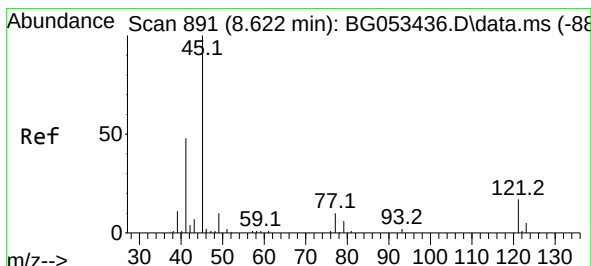
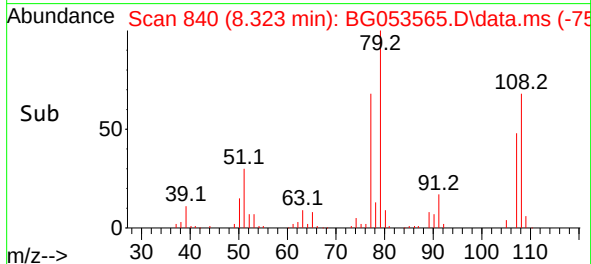
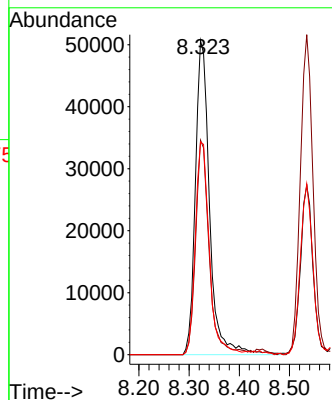
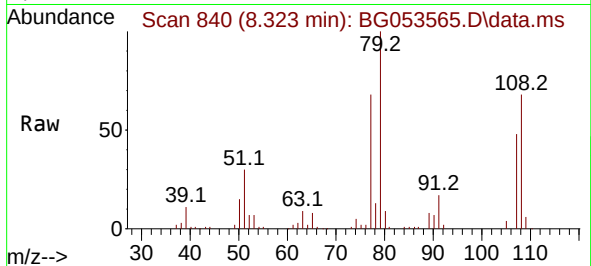




#15
Benzyl Alcohol
Concen: 49.894 ng
RT: 8.323 min Scan# 841
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

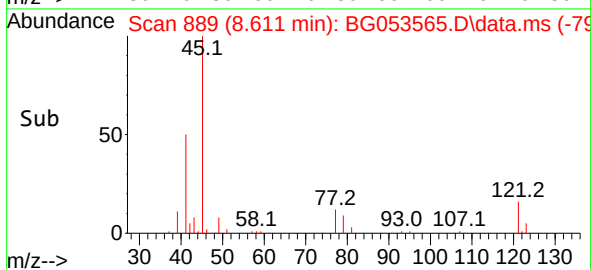
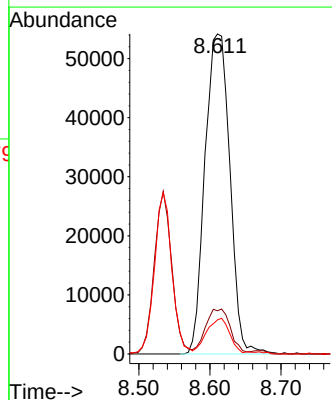
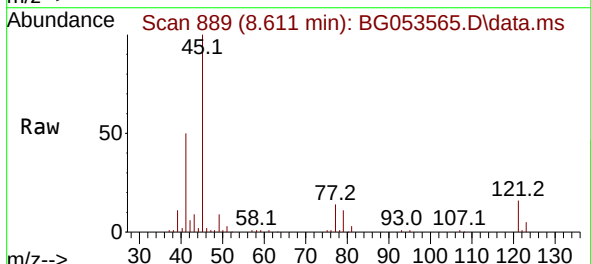
Instrument :
BNA_G
ClientSampleId :
SB21MSD

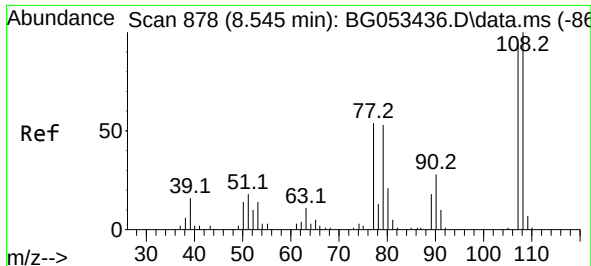
Tgt Ion: 79 Resp: 99582
Ion Ratio Lower Upper
79 100
108 68.3 53.7 80.5
77 67.7 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.611 ng
RT: 8.611 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion: 45 Resp: 132101
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.7
79 10.6 0.0 29.7

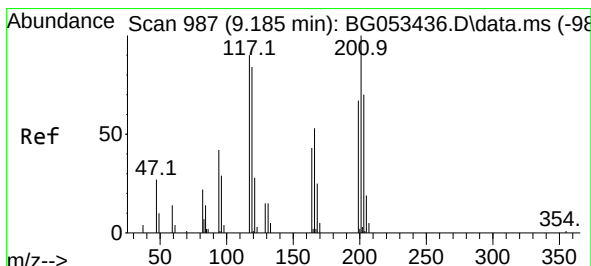
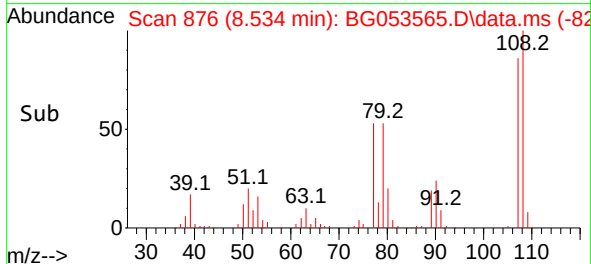
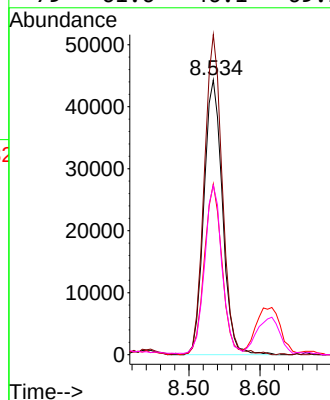
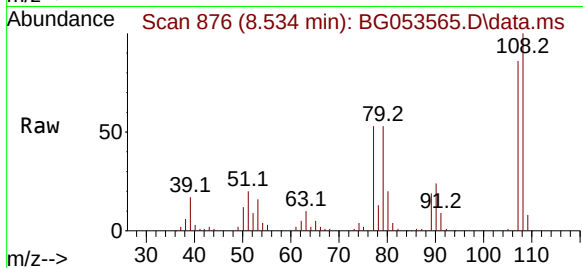




#17
2-Methylphenol
Concen: 50.765 ng
RT: 8.534 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

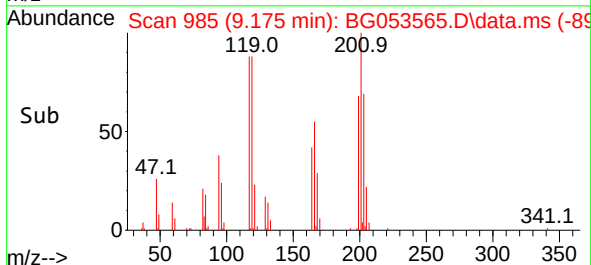
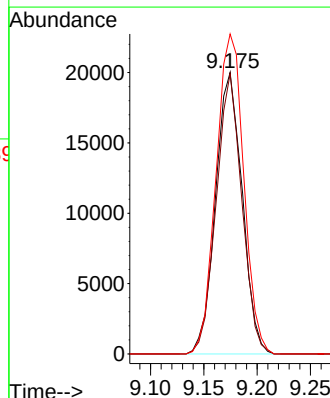
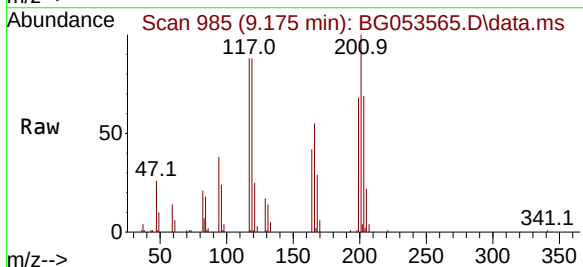
Instrument :
BNA_G
ClientSampleId :
SB21MSD

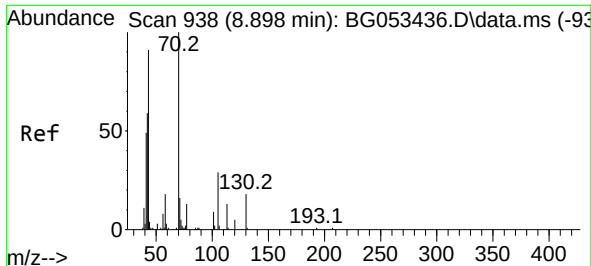
Tgt Ion:	107	Resp:	80111
Ion	Ratio	Lower	Upper
107	100		
108	116.5	85.4	128.0
77	62.2	46.2	69.2
79	61.6	46.1	69.1



#18
Hexachloroethane
Concen: 46.736 ng
RT: 9.175 min Scan# 985
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:	117	Resp:	34744
Ion	Ratio	Lower	Upper
117	100		
119	99.6	75.0	112.6
201	113.7	89.0	133.6

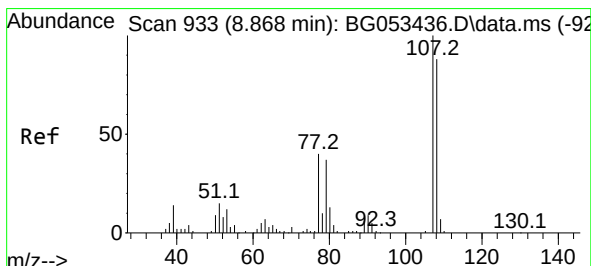
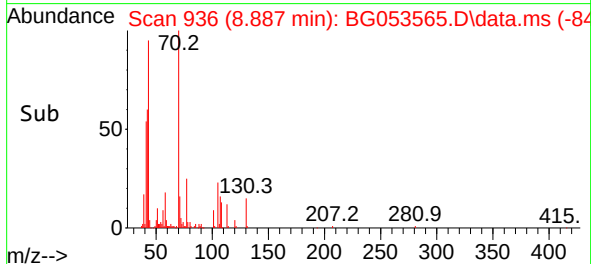
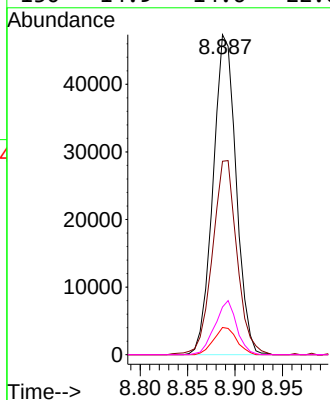
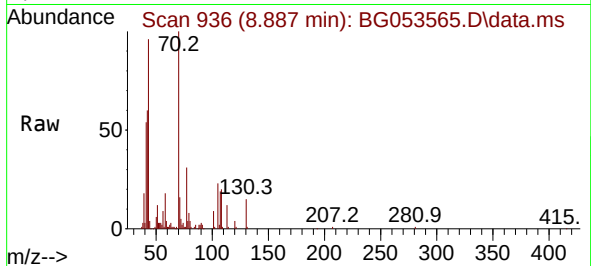




#19
n-Nitroso-di-n-propylamine
Concen: 46.812 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

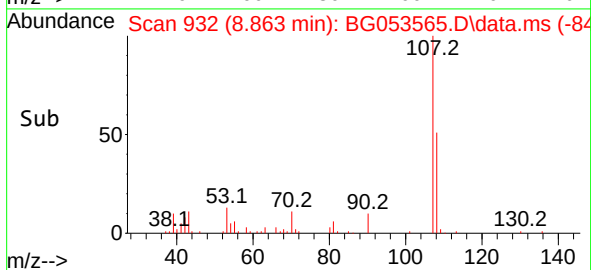
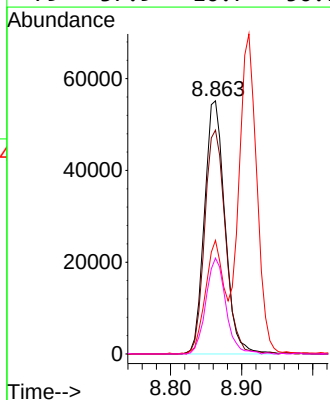
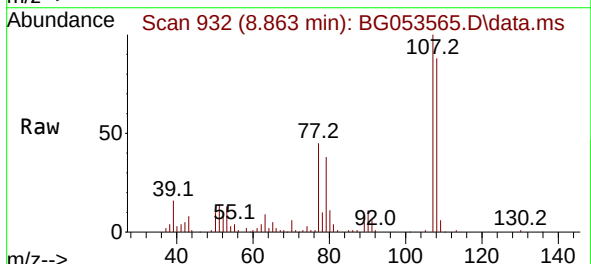
Instrument :
BNA_G
ClientSampleId :
SB21MSD

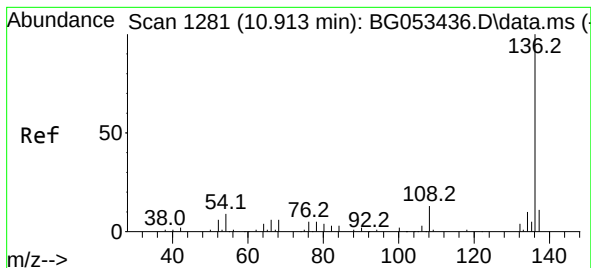
Tgt Ion:	70	Resp:	80182
Ion	Ratio	Lower	Upper
70	100		
42	60.4	47.3	70.9
101	8.5	7.0	10.4
130	14.9	14.6	22.0



#20
3+4-Methylphenols
Concen: 49.607 ng
RT: 8.863 min Scan# 932
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:	107	Resp:	110563
Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.5	107.5
77	44.9	20.3	60.3
79	37.9	16.7	56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.896 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

Tgt Ion:136 Resp: 107670

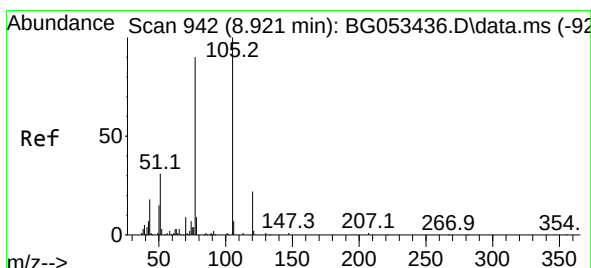
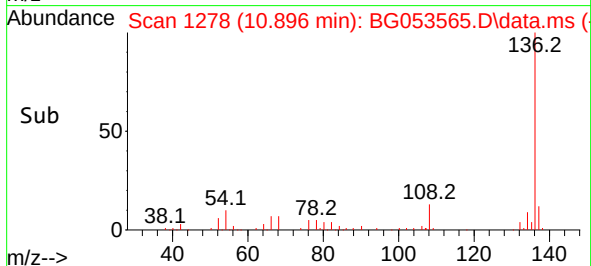
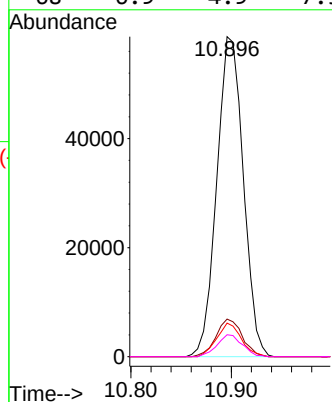
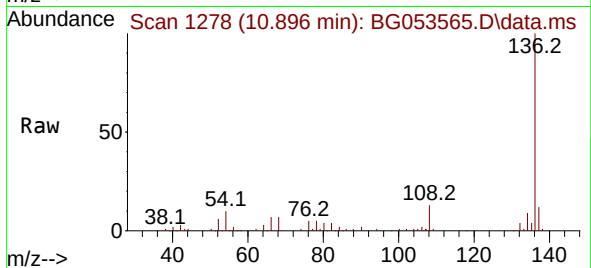
Ion Ratio Lower Upper

136 100

137 11.8 8.5 12.7

54 10.5 7.4 11.2

68 6.9 4.9 7.3



#22

Acetophenone

Concen: 46.071 ng

RT: 8.910 min Scan# 940

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Tgt Ion:105 Resp: 135761

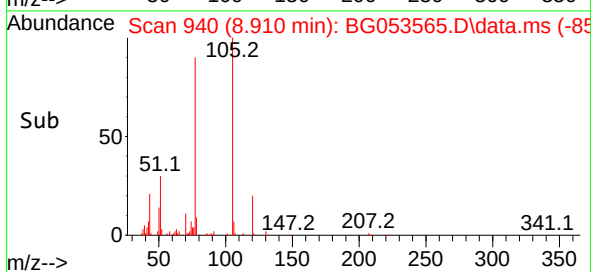
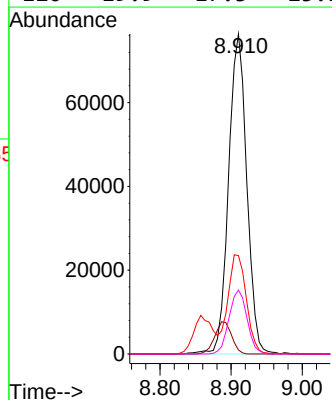
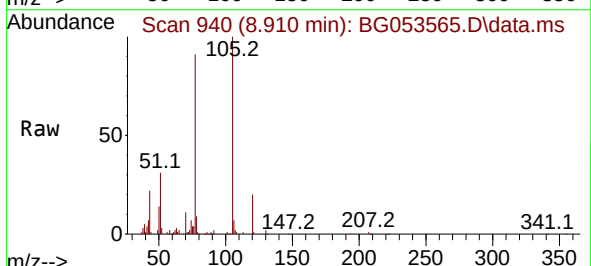
Ion Ratio Lower Upper

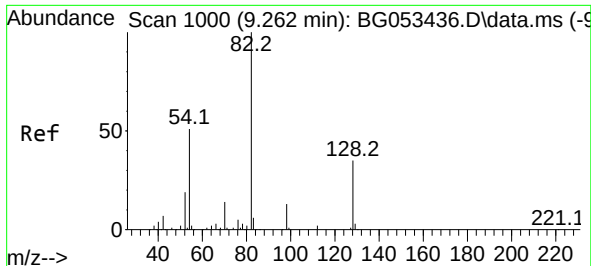
105 100

71 1.2 1.1 1.7

51 30.8 25.4 38.0

120 19.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 59.114 ng

RT: 9.251 min Scan# 91

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

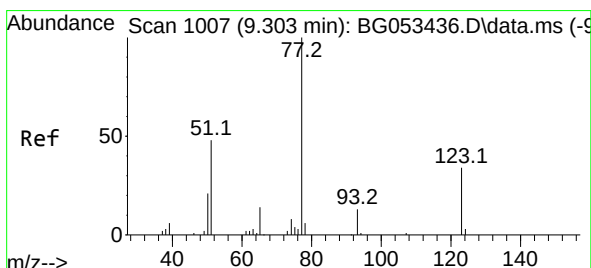
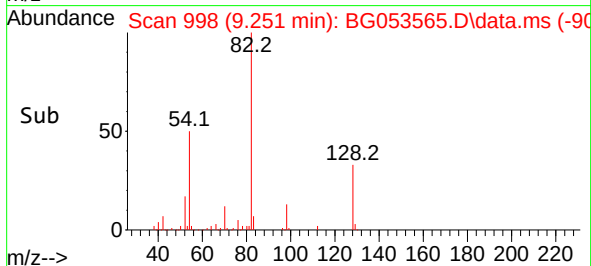
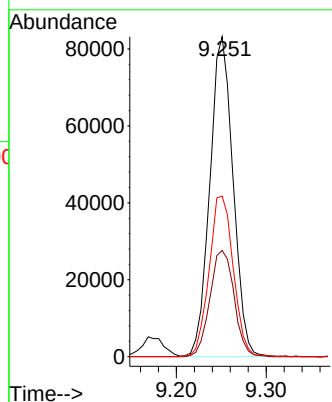
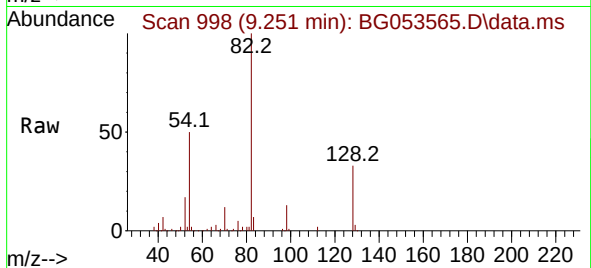
Tgt Ion: 82 Resp: 149520

Ion Ratio Lower Upper

82 100

128 33.2 27.9 41.9

54 50.2 41.2 61.8



#24

Nitrobenzene

Concen: 48.829 ng

RT: 9.292 min Scan# 1005

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

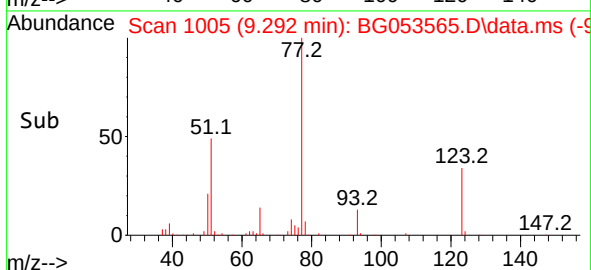
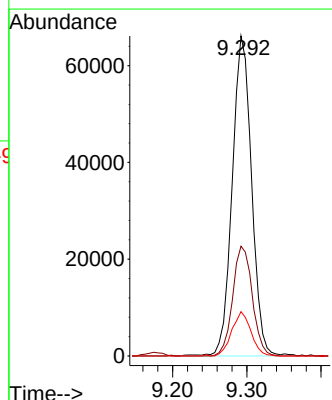
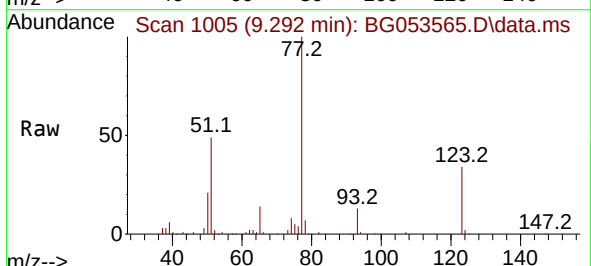
Tgt Ion: 77 Resp: 119537

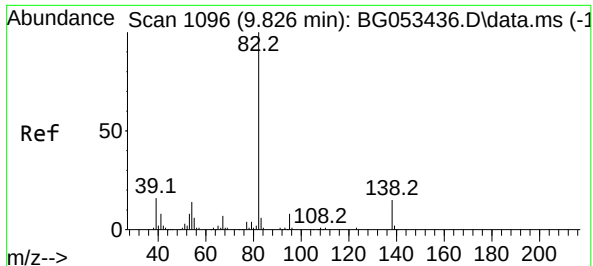
Ion Ratio Lower Upper

77 100

123 34.3 27.4 41.0

65 13.8 11.4 17.0

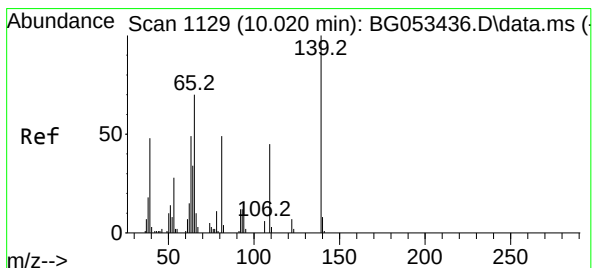
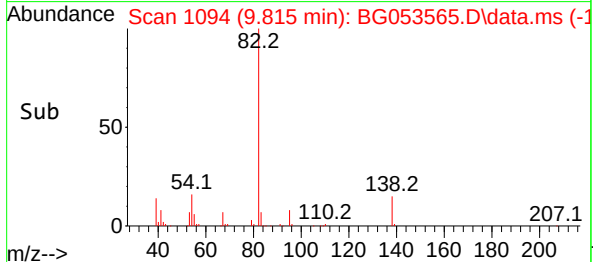
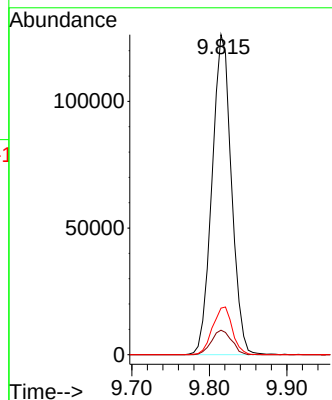
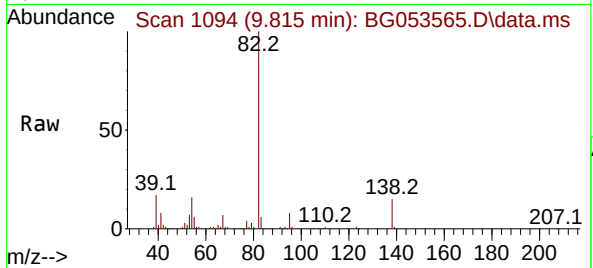




#25
Isophorone
Concen: 51.758 ng
RT: 9.815 min Scan# 1094
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

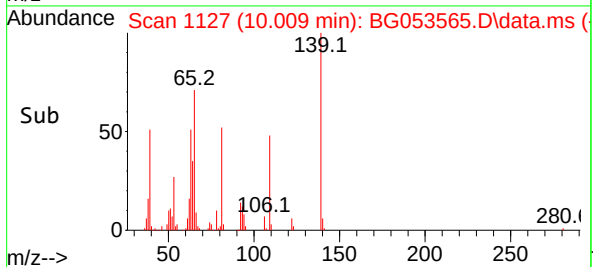
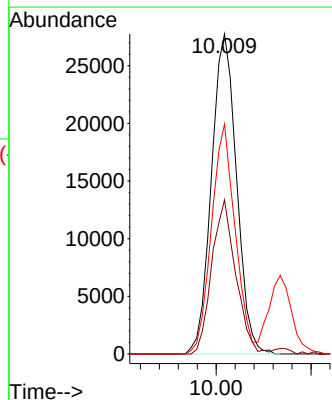
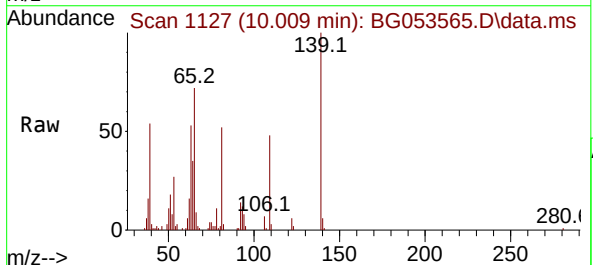
Instrument :
BNA_G
ClientSampleId :
SB21MSD

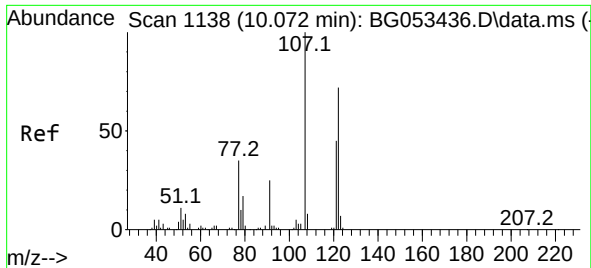
Tgt Ion: 82 Resp: 220320
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.4
138 14.5 11.6 17.4



#26
2-Nitrophenol
Concen: 51.387 ng
RT: 10.009 min Scan# 1127
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion: 139 Resp: 50951
Ion Ratio Lower Upper
139 100
109 48.2 36.1 54.1
65 71.8 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 56.919 ng

RT: 10.067 min Scan# 1137

Delta R.T. 0.004 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

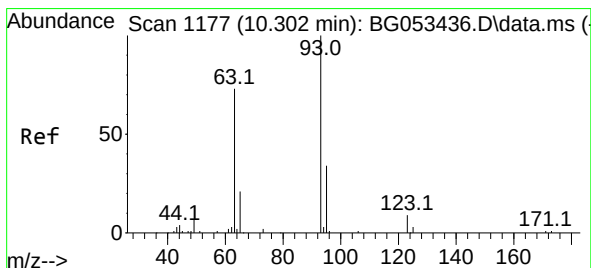
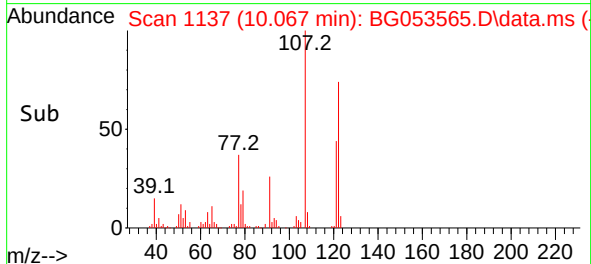
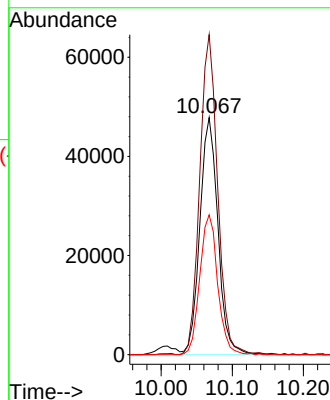
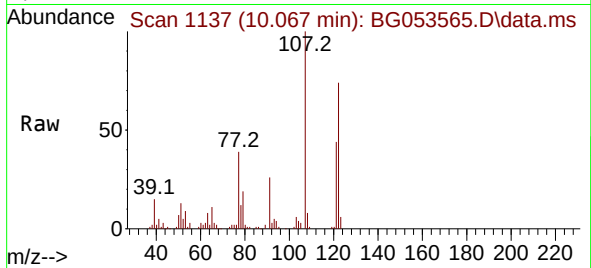
Tgt Ion:122 Resp: 84933

Ion Ratio Lower Upper

122 100

107 134.9 109.4 164.0

121 59.0 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 47.744 ng

RT: 10.291 min Scan# 1175

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

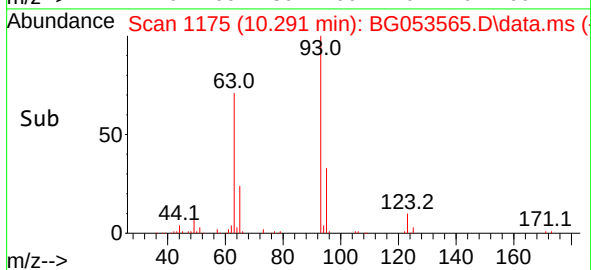
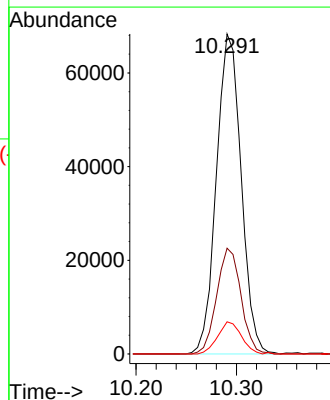
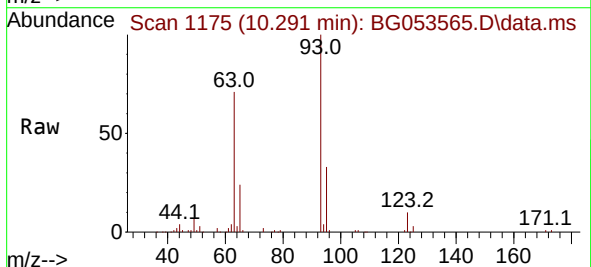
Tgt Ion: 93 Resp: 116886

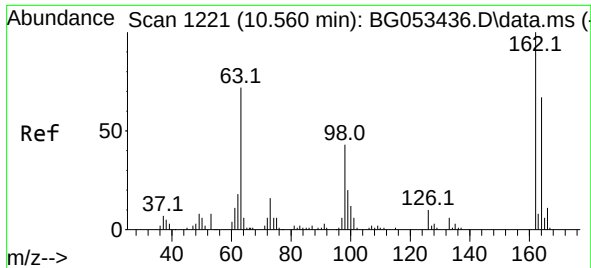
Ion Ratio Lower Upper

93 100

95 33.1 26.9 40.3

123 10.1 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 54.271 ng

RT: 10.549 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

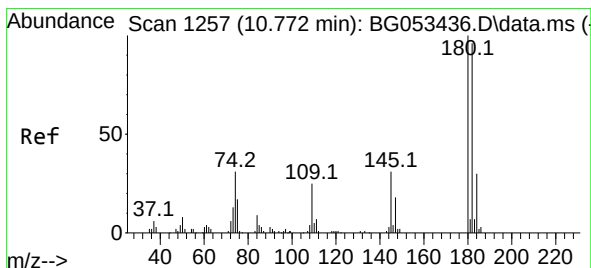
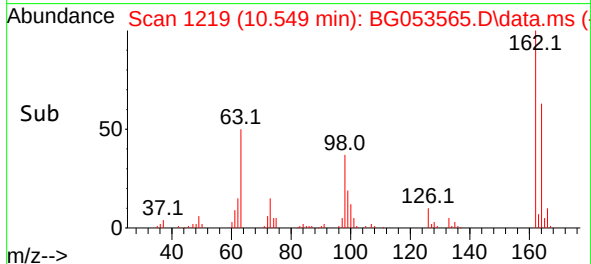
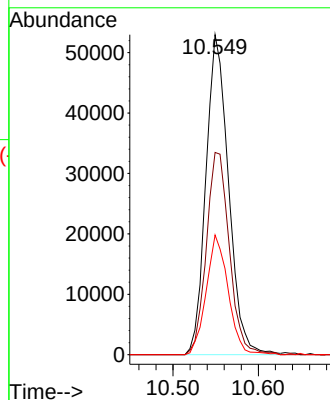
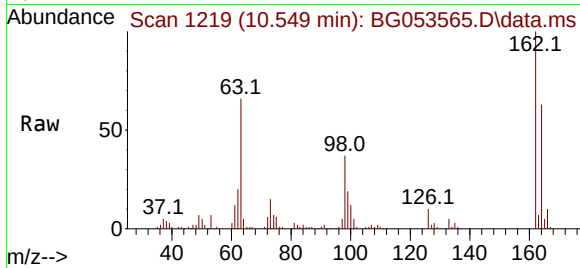
Tgt Ion:162 Resp: 97737

Ion Ratio Lower Upper

162 100

164 63.2 46.6 86.6

98 37.4 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 47.796 ng

RT: 10.761 min Scan# 1255

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

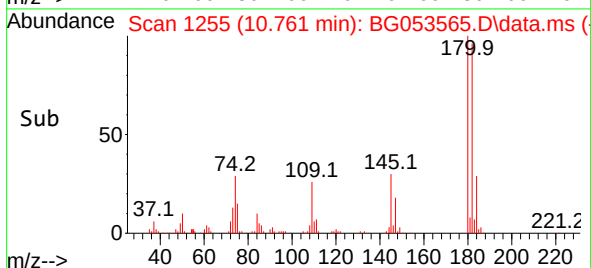
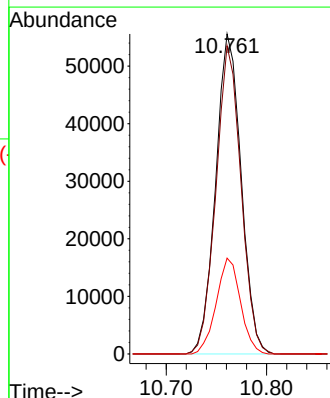
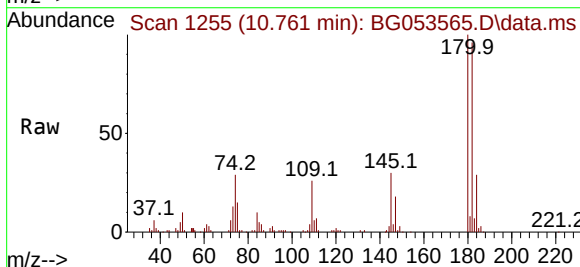
Tgt Ion:180 Resp: 97798

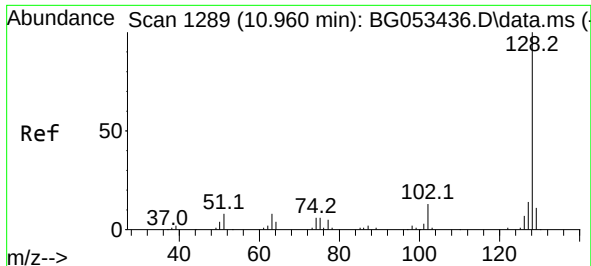
Ion Ratio Lower Upper

180 100

182 96.3 76.6 115.0

145 29.9 25.0 37.4

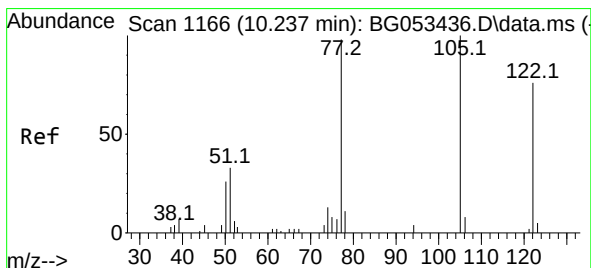
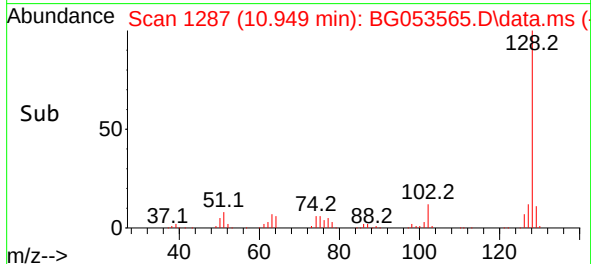
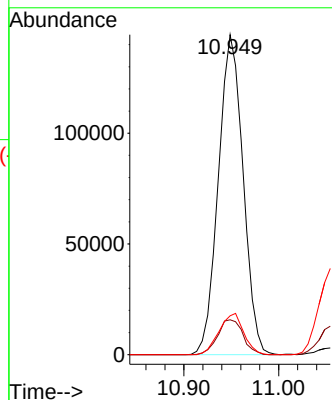
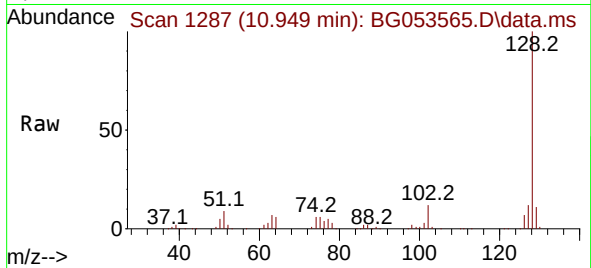




#31
Naphthalene
Concen: 47.852 ng
RT: 10.949 min Scan# 1137
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

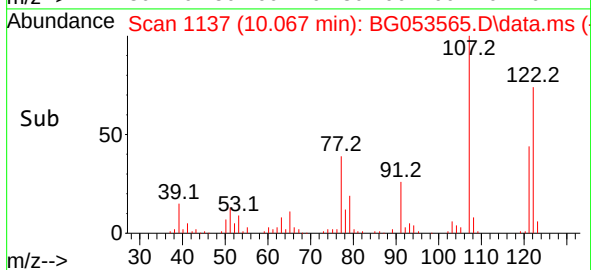
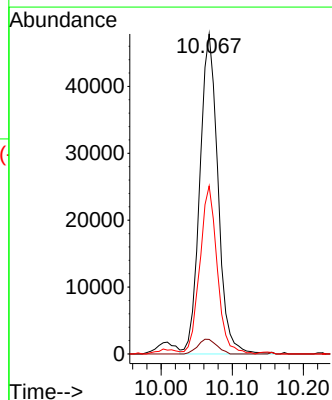
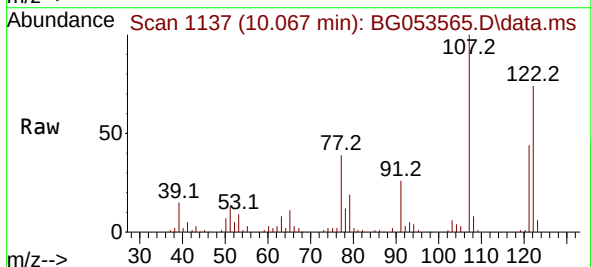
Instrument :
BNA_G
ClientSampleId :
SB21MSD

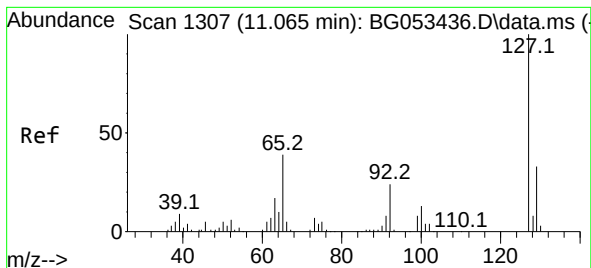
Tgt Ion:128 Resp: 262082
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.2 11.1 16.7



#32
Benzoic acid
Concen: 83.446 ng
RT: 10.067 min Scan# 1137
Delta R.T. -0.172 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:122 Resp: 84933
Ion Ratio Lower Upper
122 100
105 4.5 111.8 151.8#
77 52.5 109.4 149.4#





#33

4-Chloroaniline

Concen: 32.520 ng

RT: 11.054 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

Tgt Ion:127 Resp: 74590

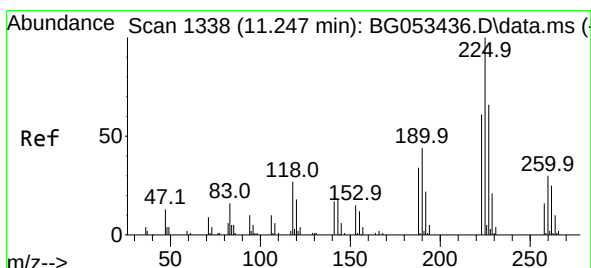
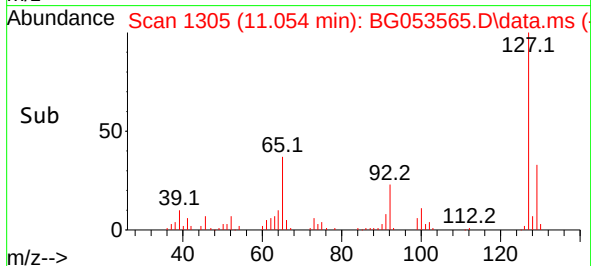
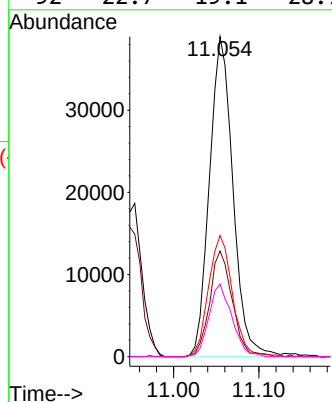
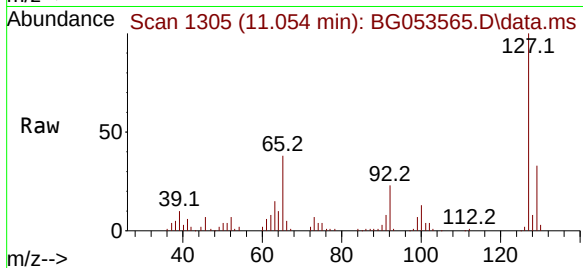
Ion Ratio Lower Upper

127 100

129 33.0 26.3 39.5

65 37.9 31.1 46.7

92 22.7 19.1 28.7



#34

Hexachlorobutadiene

Concen: 46.698 ng

RT: 11.236 min Scan# 1336

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

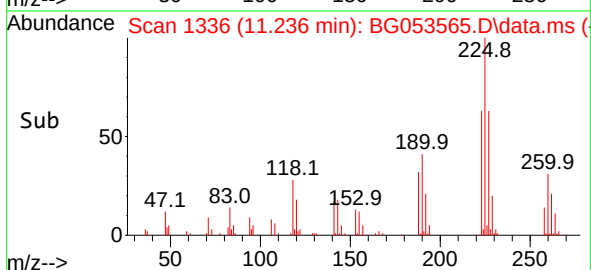
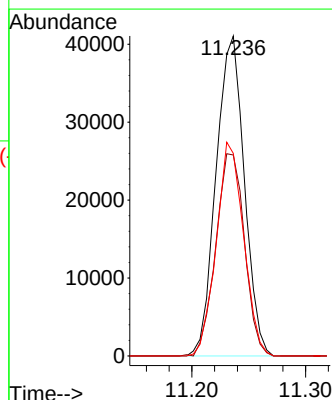
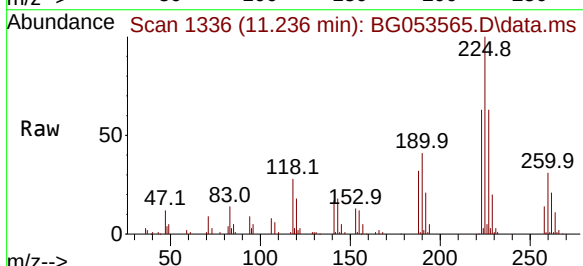
Tgt Ion:225 Resp: 70854

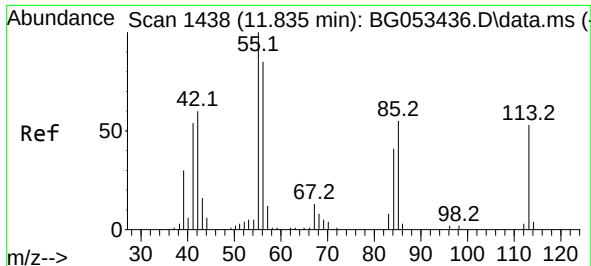
Ion Ratio Lower Upper

225 100

223 62.8 48.9 73.3

227 63.3 52.8 79.2

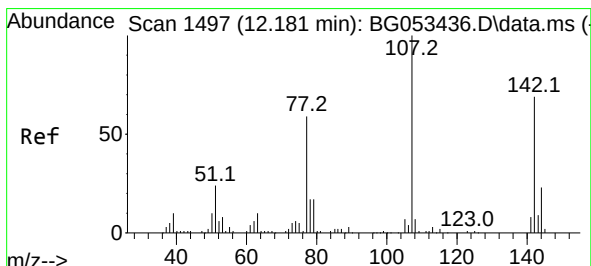
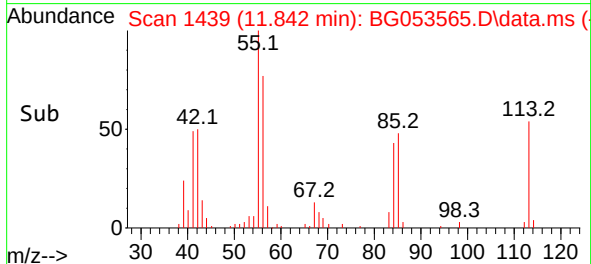
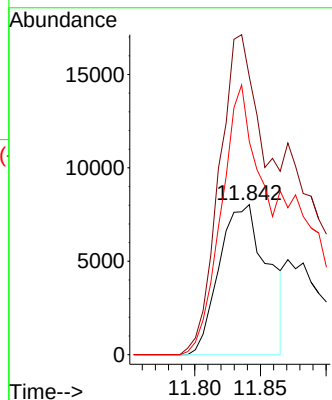
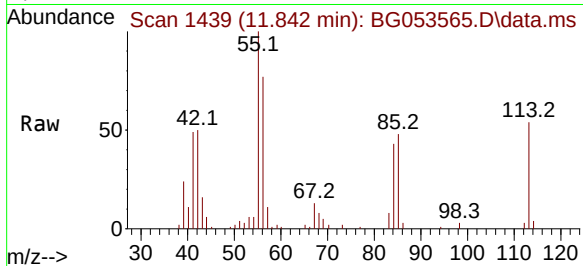




#35
Caprolactam
Concen: 31.434 ng
RT: 11.842 min Scan# 1438
Delta R.T. 0.010 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

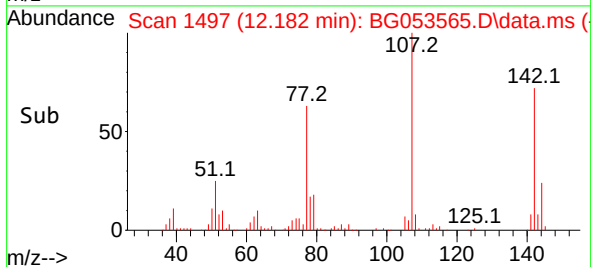
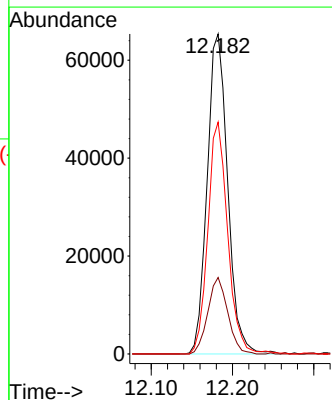
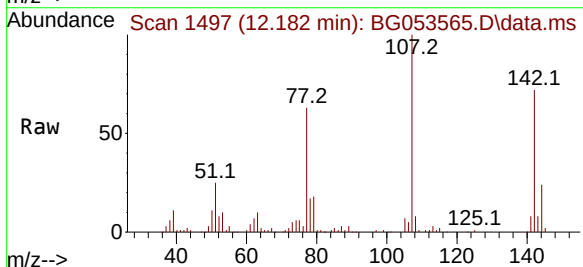
Instrument :
BNA_G
ClientSampleId :
SB21MSD

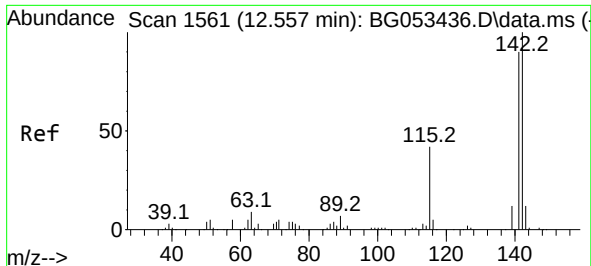
Tgt Ion:113 Resp: 20572
Ion Ratio Lower Upper
113 100
55 185.1 169.8 209.8
56 141.9 141.2 181.2



#36
4-Chloro-3-methylphenol
Concen: 53.142 ng
RT: 12.182 min Scan# 1497
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:107 Resp: 114479
Ion Ratio Lower Upper
107 100
144 23.9 18.5 27.7
142 72.4 55.0 82.4

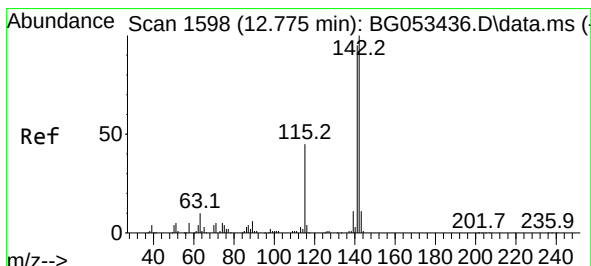
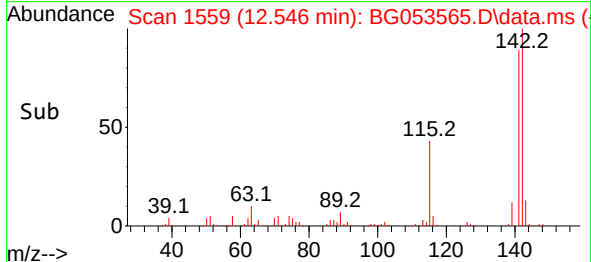
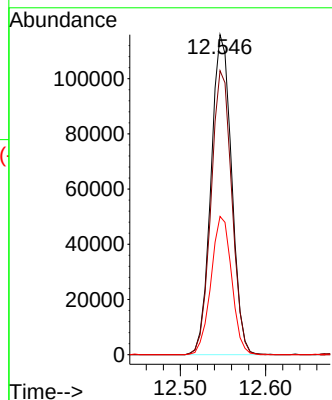
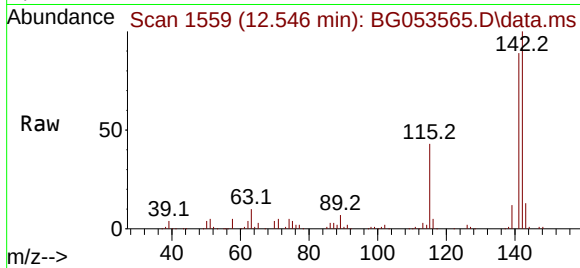




#37
2-Methylnaphthalene
Concen: 47.551 ng
RT: 12.546 min Scan# 1559
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

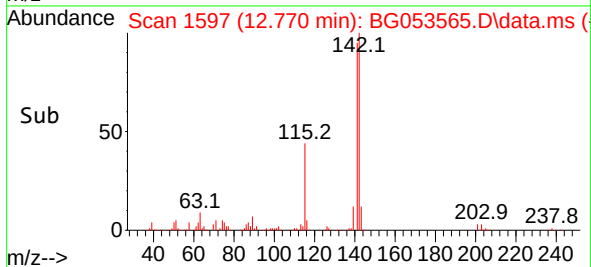
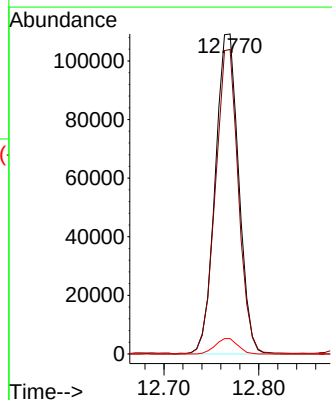
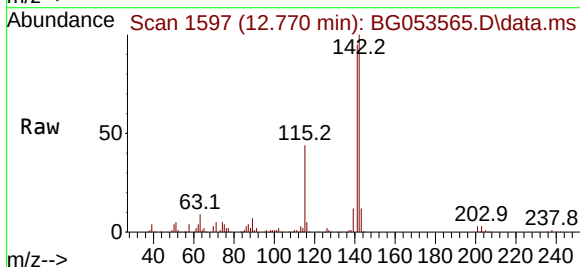
Instrument :
BNA_G
ClientSampleId :
SB21MSD

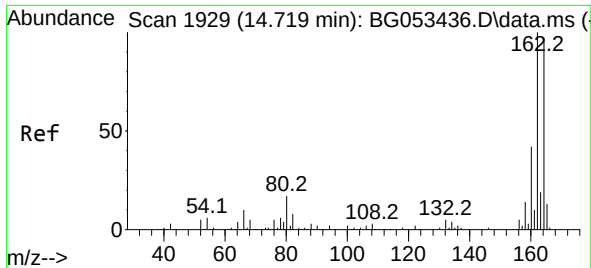
Tgt Ion:142 Resp: 194356
Ion Ratio Lower Upper
142 100
141 88.7 72.3 108.5
115 43.2 33.7 50.5



#38
1-Methylnaphthalene
Concen: 46.962 ng
RT: 12.770 min Scan# 1597
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:142 Resp: 187277
Ion Ratio Lower Upper
142 100
141 95.1 76.4 114.6
116 4.8 3.3 4.9

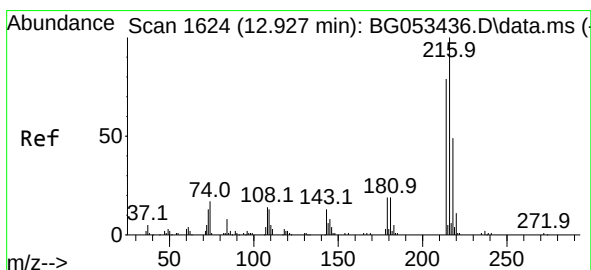
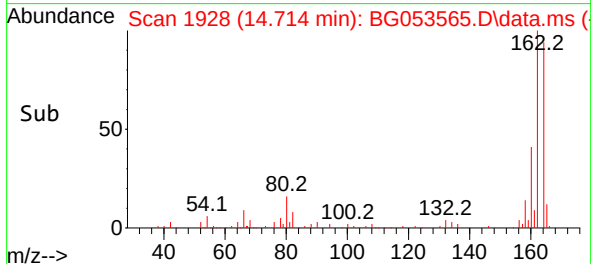
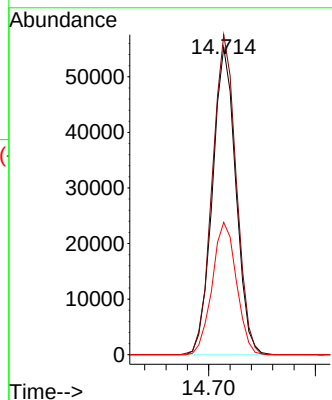
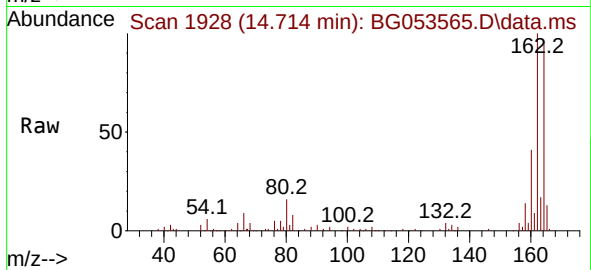




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

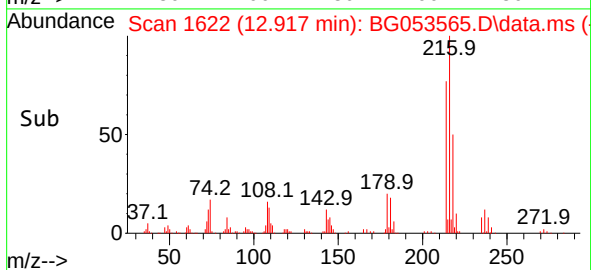
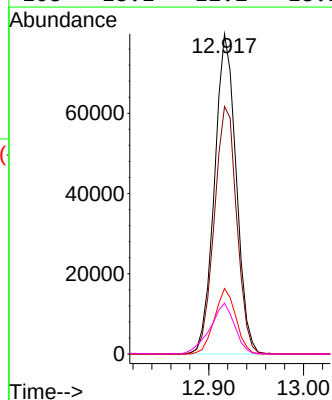
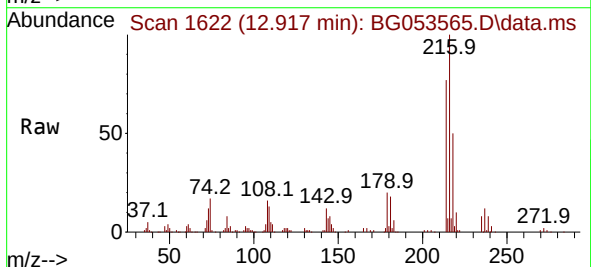
Instrument :
BNA_G
ClientSampleId :
SB21MSD

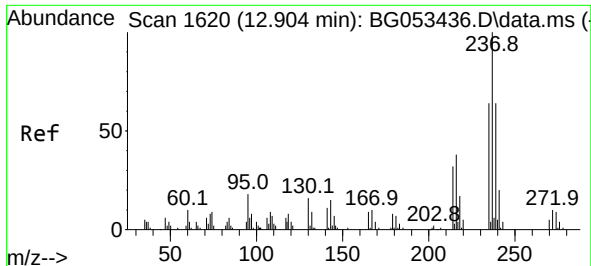
Tgt Ion:164 Resp: 84034
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 43.0 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.837 ng
RT: 12.917 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:216 Resp: 126713
Ion Ratio Lower Upper
216 100
214 79.9 62.9 94.3
179 20.1 16.1 24.1
108 18.1 12.2 18.2

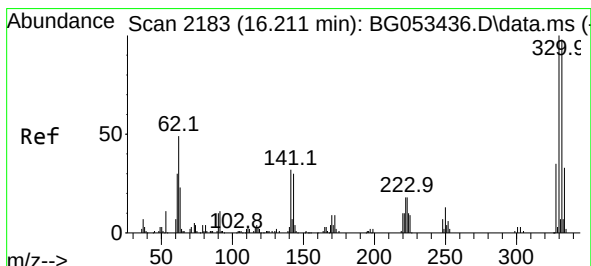
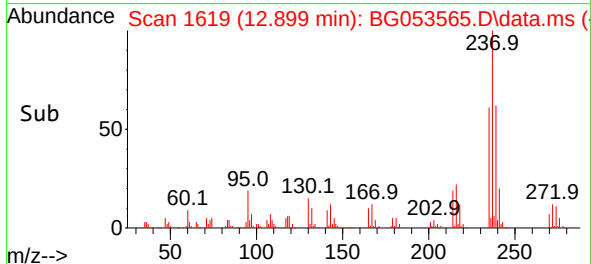
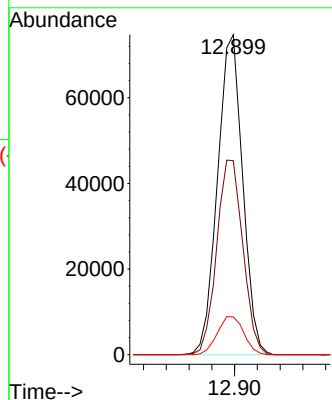
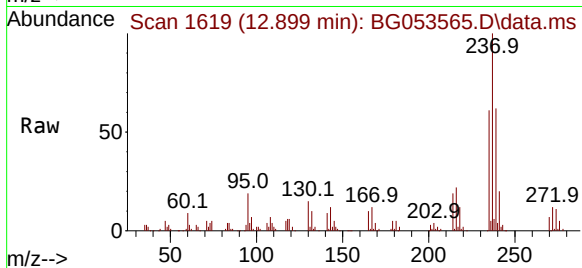




#41
Hexachlorocyclopentadiene
Concen: 103.492 ng
RT: 12.899 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

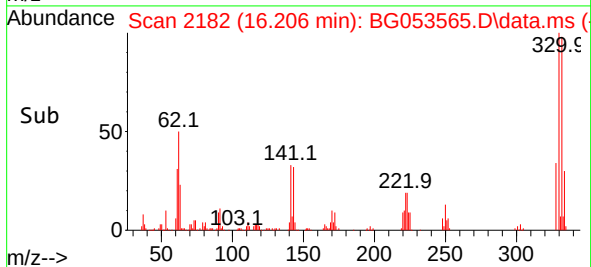
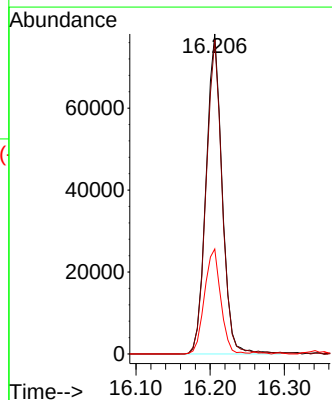
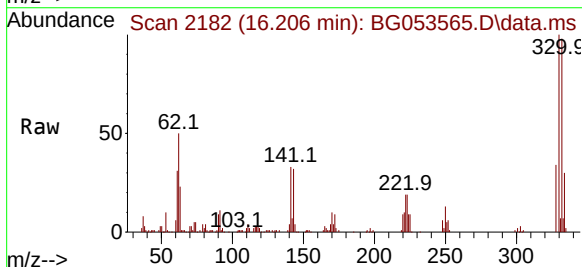
Instrument :
BNA_G
ClientSampleId :
SB21MSD

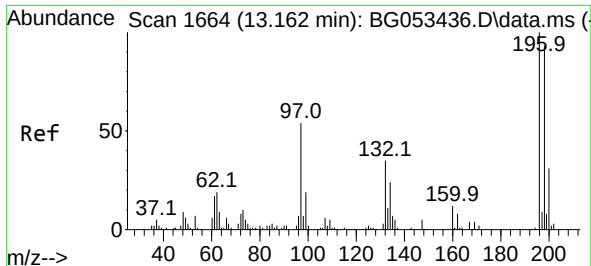
Tgt Ion:237 Resp: 114809
Ion Ratio Lower Upper
237 100
235 60.6 43.5 83.5
272 11.8 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 95.063 ng
RT: 16.206 min Scan# 2182
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:330 Resp: 117821
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 33.2 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 55.663 ng

RT: 13.157 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

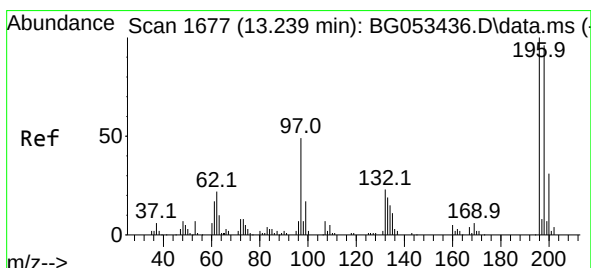
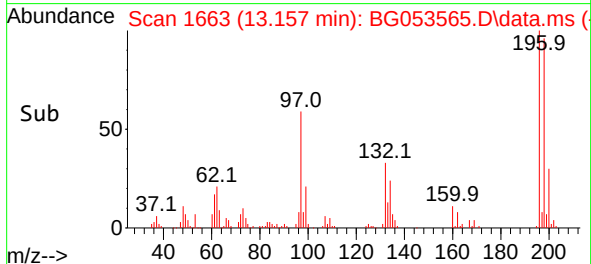
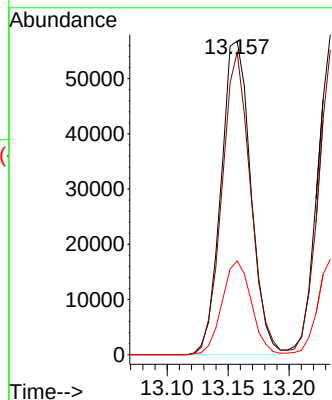
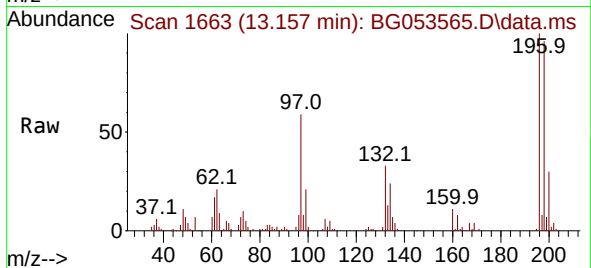
Tgt Ion:196 Resp: 96243

Ion Ratio Lower Upper

196 100

198 96.5 74.1 111.1

200 29.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 54.846 ng

RT: 13.234 min Scan# 1676

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Tgt Ion:196 Resp: 100929

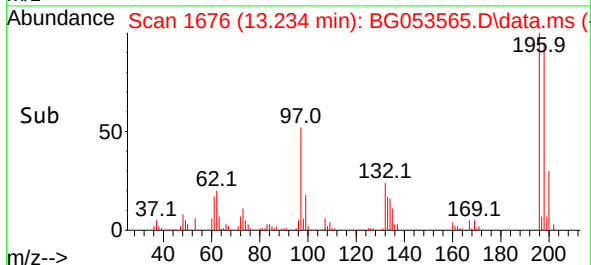
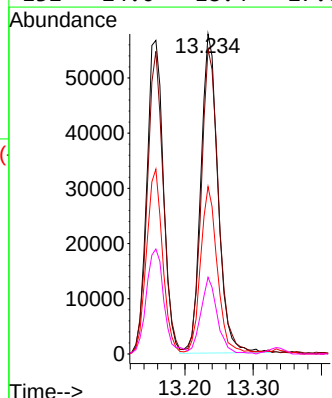
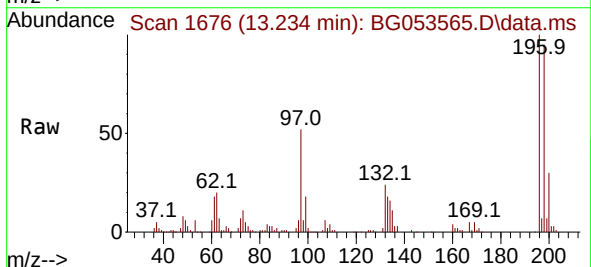
Ion Ratio Lower Upper

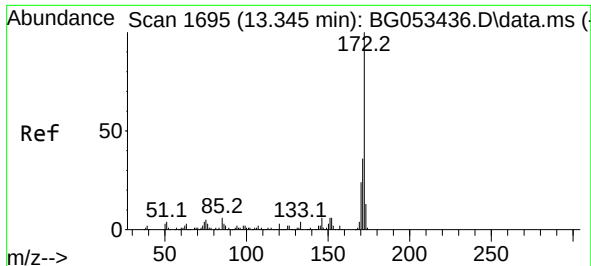
196 100

198 95.3 76.8 115.2

97 52.3 39.8 59.6

132 24.0 18.4 27.6

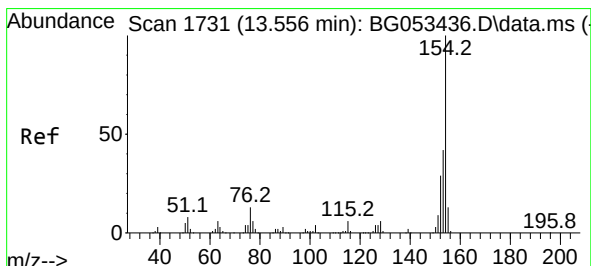
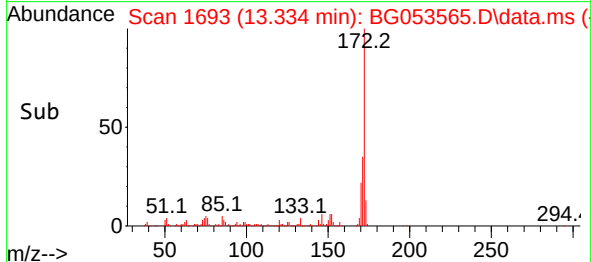
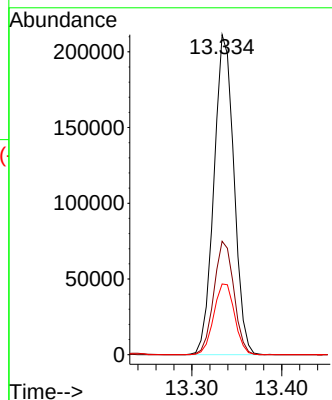
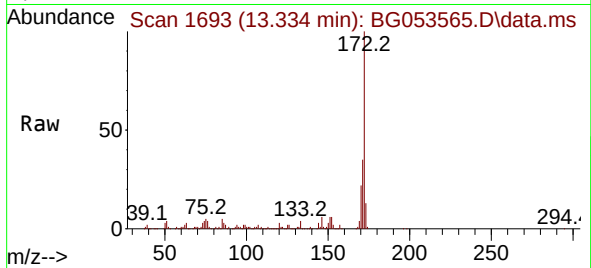




#45
2-Fluorobiphenyl
Concen: 56.708 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

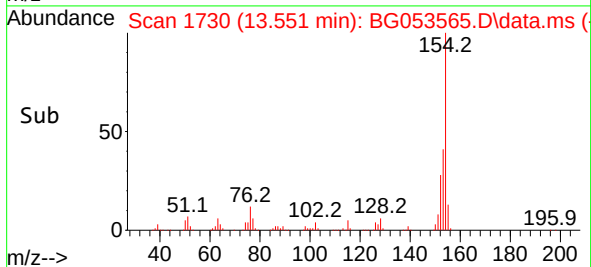
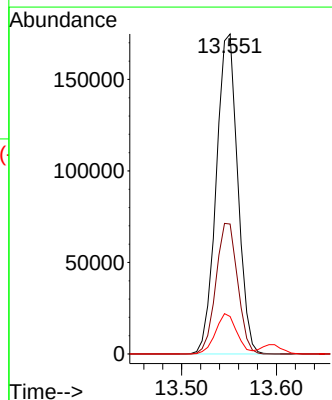
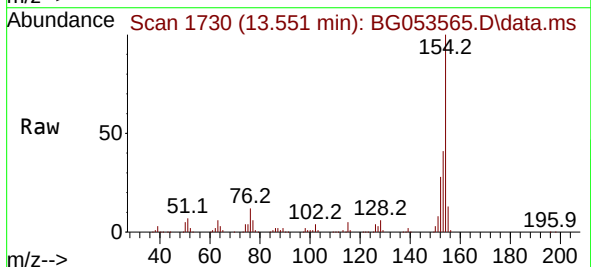
Instrument :
BNA_G
ClientSampleId :
SB21MSD

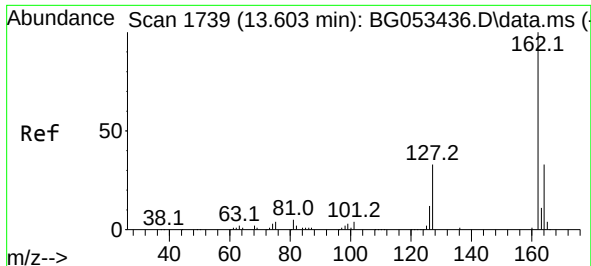
Tgt Ion:172 Resp: 326114
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 48.030 ng
RT: 13.551 min Scan# 1730
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:154 Resp: 275122
Ion Ratio Lower Upper
154 100
153 40.6 21.6 61.6
76 11.7 0.0 32.6





#47

2-Chloronaphthalene

Concen: 47.124 ng

RT: 13.598 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

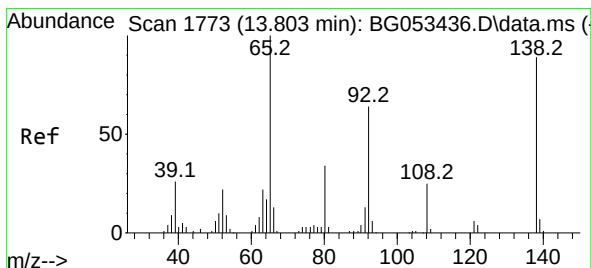
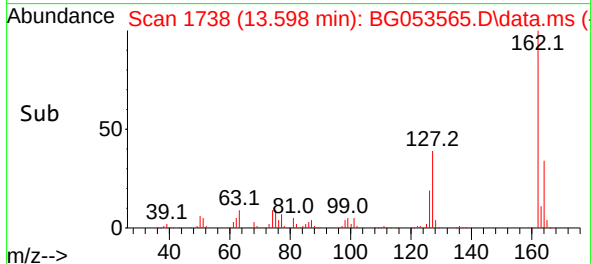
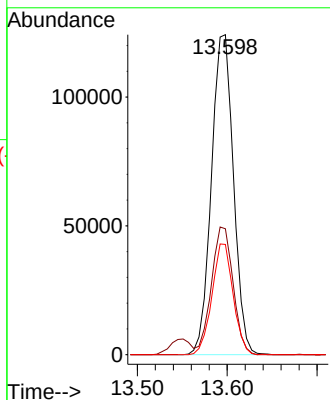
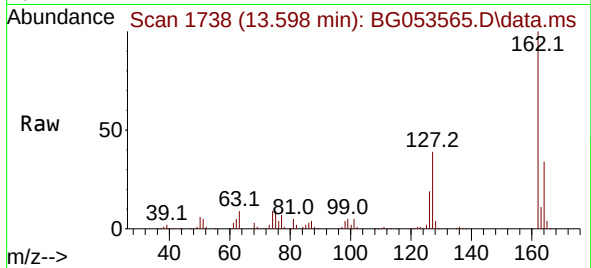
Tgt Ion:162 Resp: 211482

Ion Ratio Lower Upper

162 100

127 39.3 30.6 45.8

164 34.4 26.5 39.7



#48

2-Nitroaniline

Concen: 51.993 ng

RT: 13.798 min Scan# 1772

Delta R.T. 0.004 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

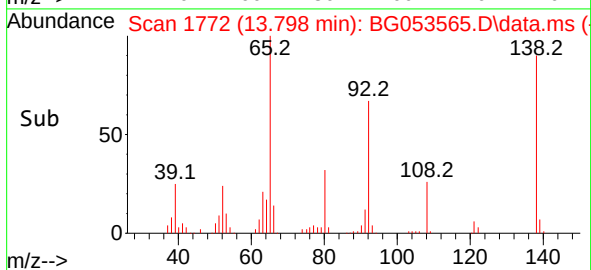
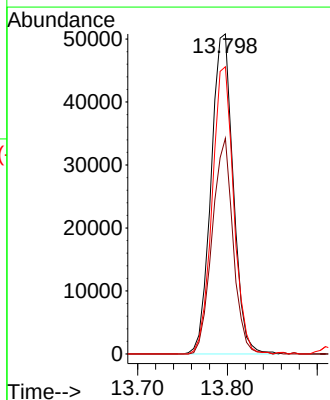
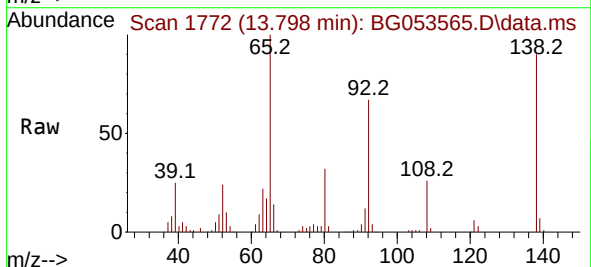
Tgt Ion: 65 Resp: 86945

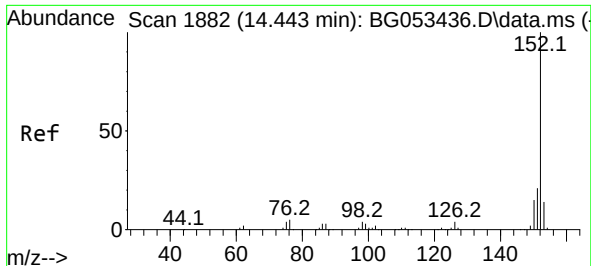
Ion Ratio Lower Upper

65 100

92 67.4 51.5 77.3

138 89.8 71.3 106.9

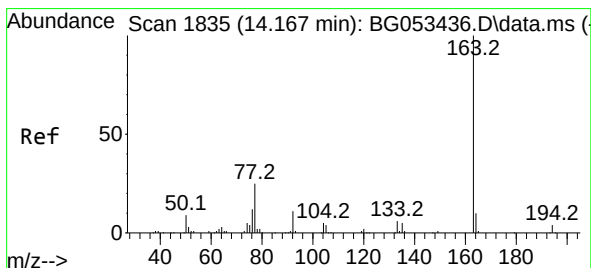
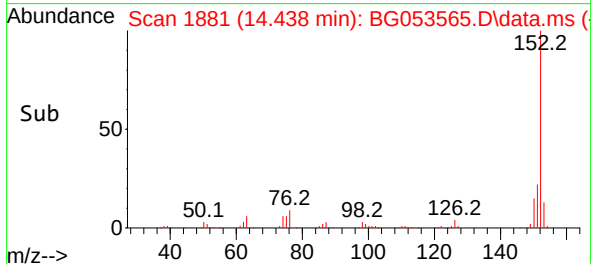
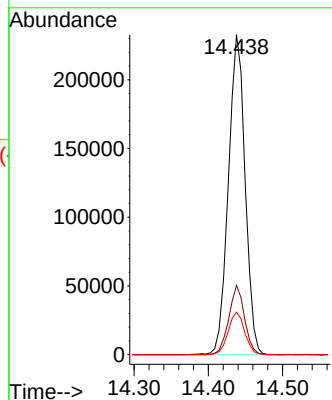
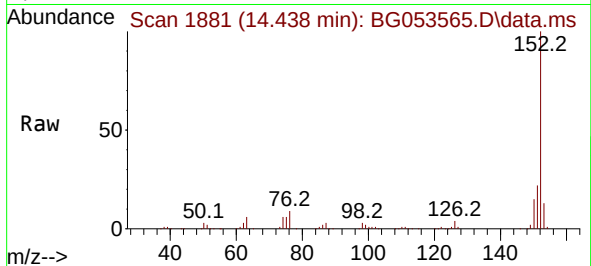




#49
Acenaphthylene
Concen: 50.829 ng
RT: 14.438 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

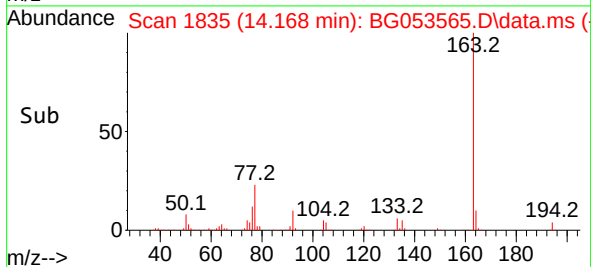
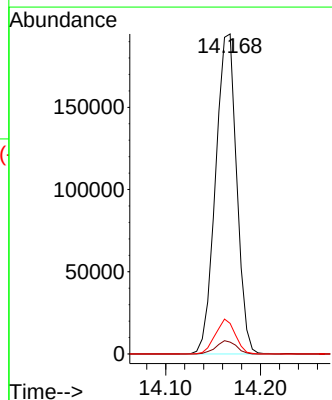
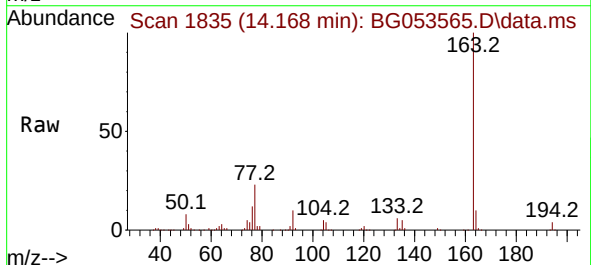
Instrument :
BNA_G
ClientSampleId :
SB21MSD

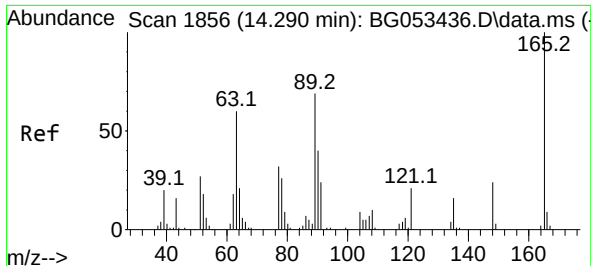
Tgt Ion:152 Resp: 364007
Ion Ratio Lower Upper
152 100
151 21.6 16.4 24.6
153 13.3 10.8 16.2



#50
Dimethylphthalate
Concen: 47.140 ng
RT: 14.168 min Scan# 1835
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:163 Resp: 301025
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.5 8.0 12.0

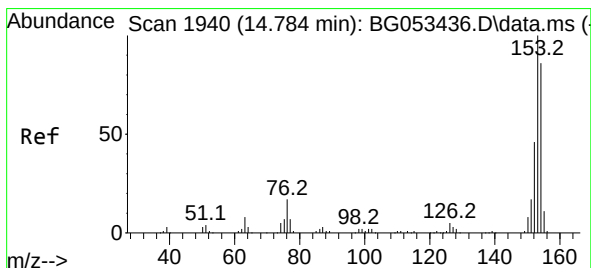
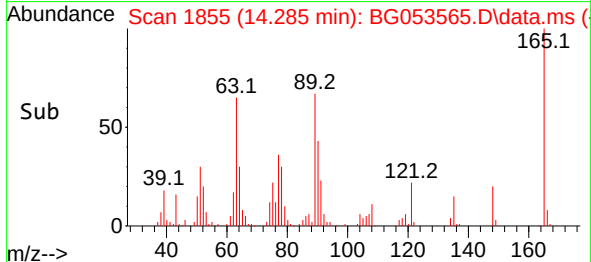
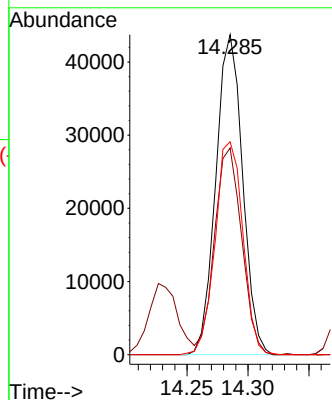
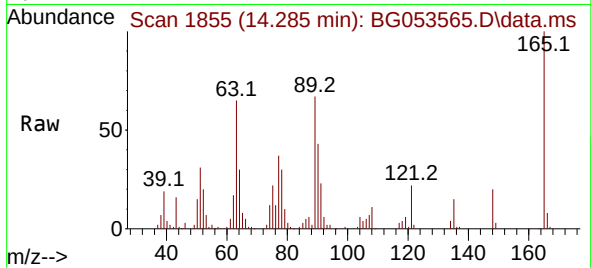




#51
2,6-Dinitrotoluene
Concen: 51.466 ng
RT: 14.285 min Scan# 1855
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

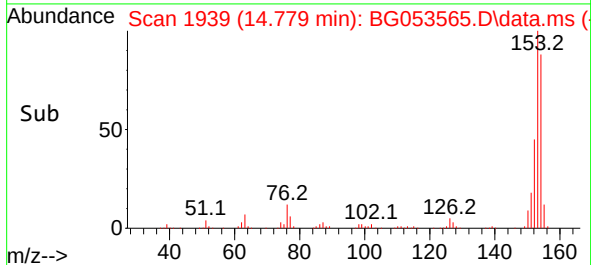
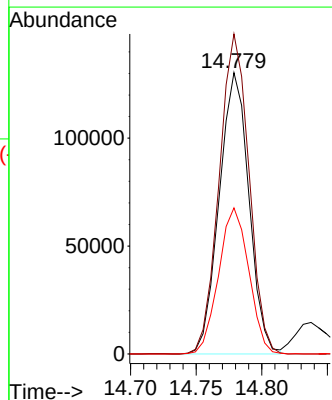
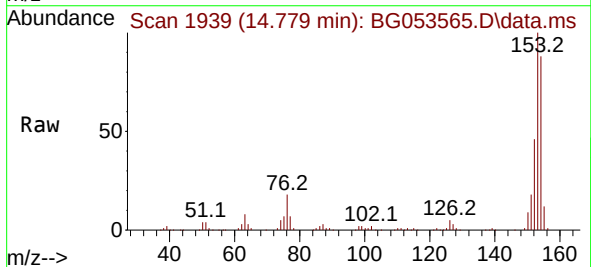
Instrument :
BNA_G
ClientSampleId :
SB21MSD

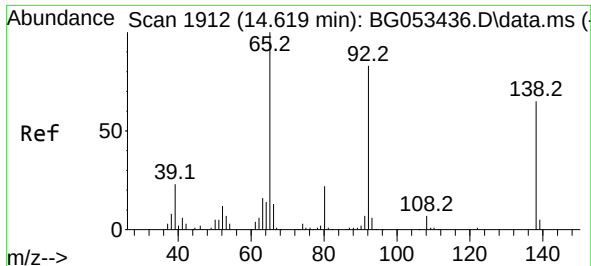
Tgt Ion:165 Resp: 66957
Ion Ratio Lower Upper
165 100
63 64.6 54.1 81.1
89 66.6 54.8 82.2



#52
Acenaphthene
Concen: 48.080 ng
RT: 14.779 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:154 Resp: 205196
Ion Ratio Lower Upper
154 100
153 113.8 92.7 139.1
152 51.9 42.6 64.0

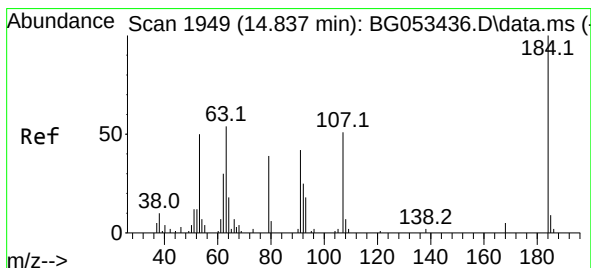
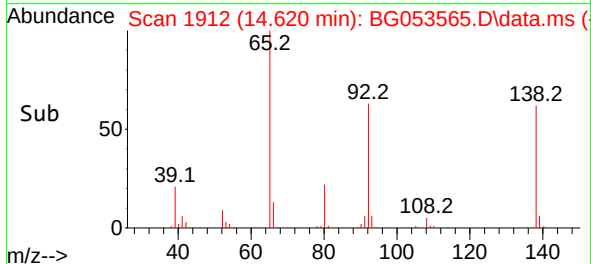
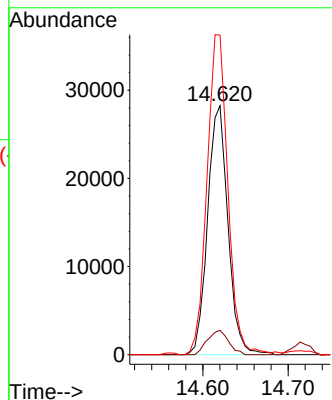
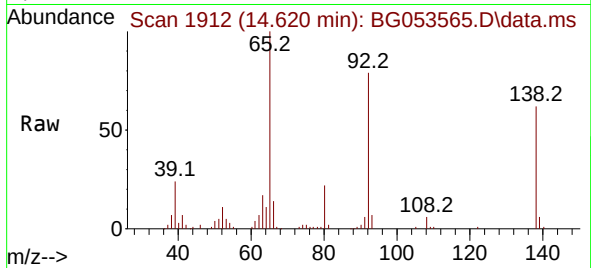




#53
3-Nitroaniline
Concen: 33.301 ng
RT: 14.620 min Scan# 1912
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

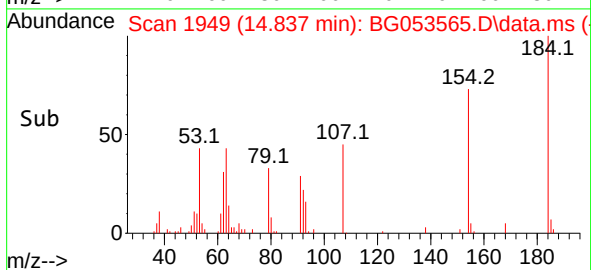
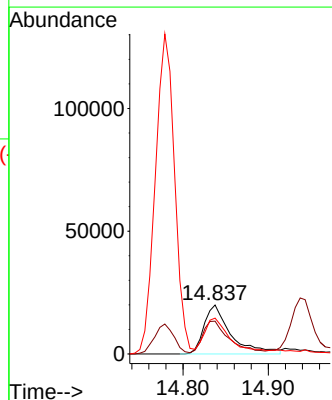
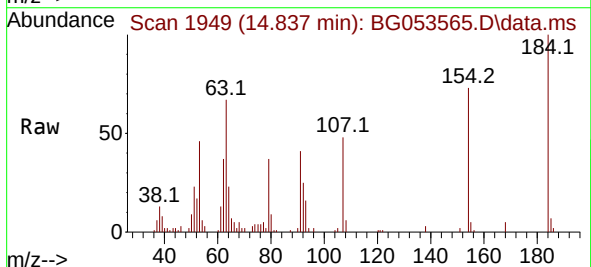
Instrument :
BNA_G
ClientSampleId :
SB21MSD

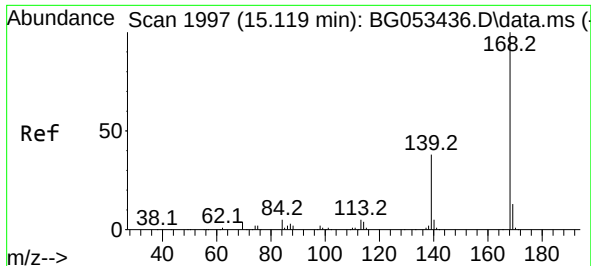
Tgt Ion:138 Resp: 46812
Ion Ratio Lower Upper
138 100
108 9.8 9.2 13.8
92 128.3 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 54.888 ng
RT: 14.837 min Scan# 1949
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:184 Resp: 43572
Ion Ratio Lower Upper
184 100
63 67.1 61.1 91.7
154 73.2 60.6 91.0

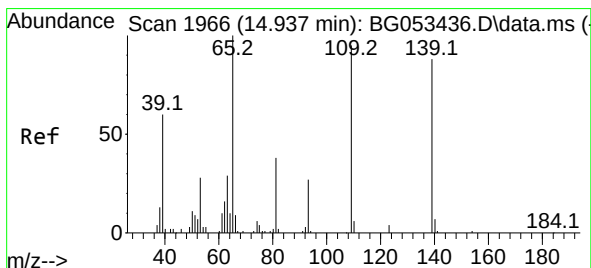
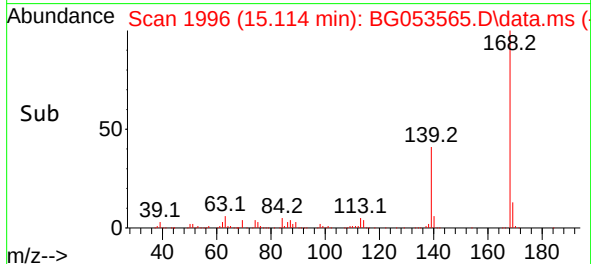
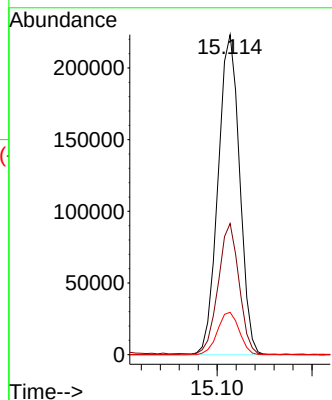
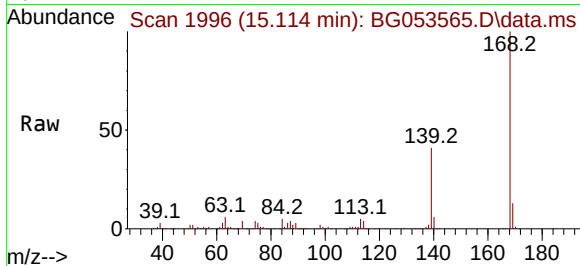




#55
Dibenzofuran
Concen: 45.946 ng
RT: 15.114 min Scan# 1997
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

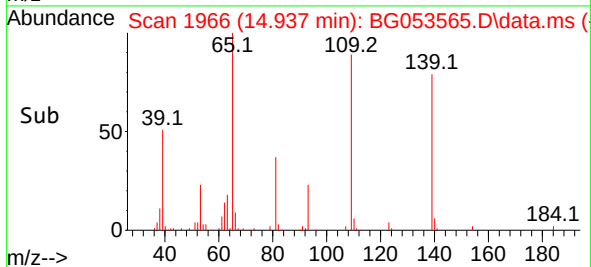
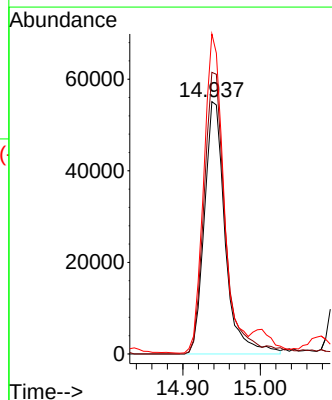
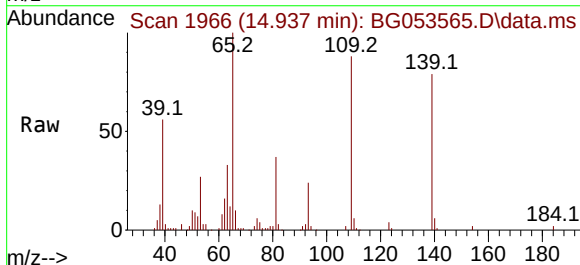
Instrument :
BNA_G
ClientSampleId :
SB21MSD

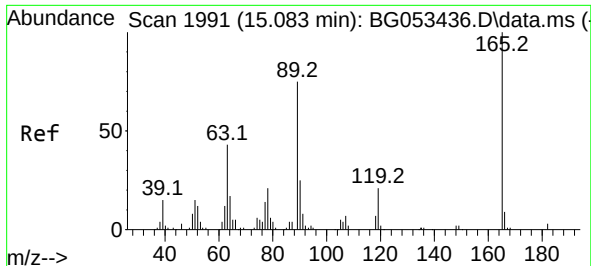
Tgt Ion:168 Resp: 352215
Ion Ratio Lower Upper
168 100
139 41.0 30.5 45.7
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 102.370 ng
RT: 14.937 min Scan# 1966
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:139 Resp: 102782
Ion Ratio Lower Upper
139 100
109 111.6 88.5 128.5
65 126.8 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 50.772 ng

RT: 15.078 min Scan# 1991

Delta R.T. 0.004 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

Tgt Ion:165 Resp: 95746

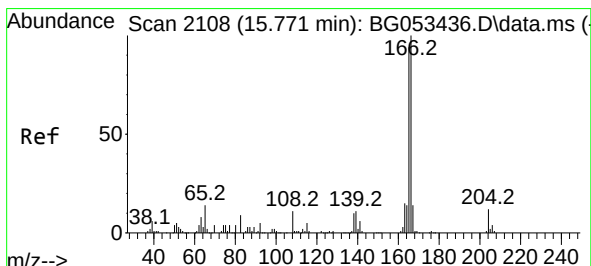
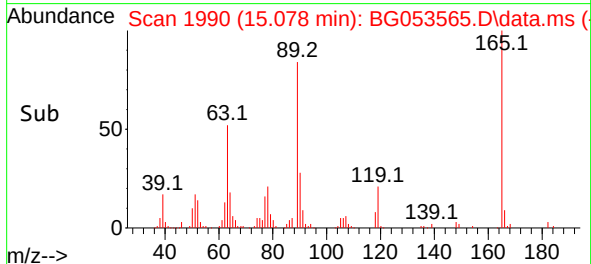
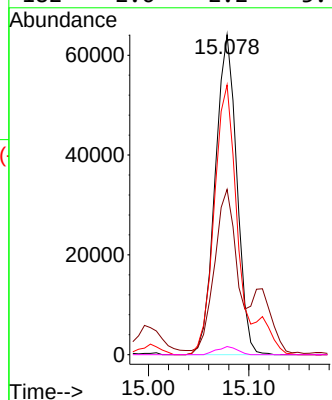
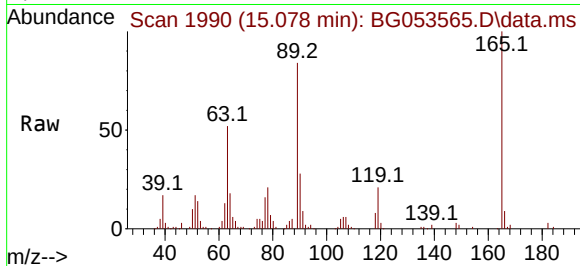
Ion Ratio Lower Upper

165 100

63 51.7 34.6 52.0

89 84.3 60.3 90.5

182 2.6 2.2 3.4



#58

Fluorene

Concen: 46.697 ng

RT: 15.760 min Scan# 2106

Delta R.T. -0.002 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

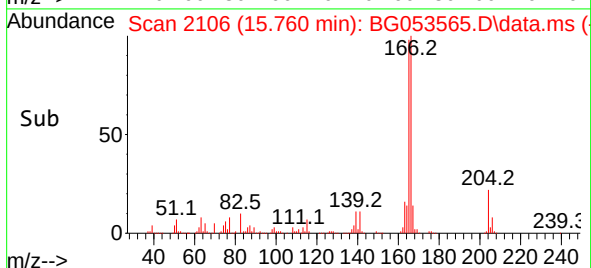
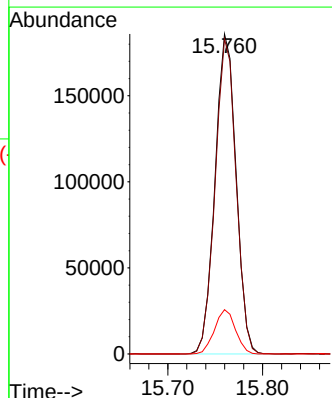
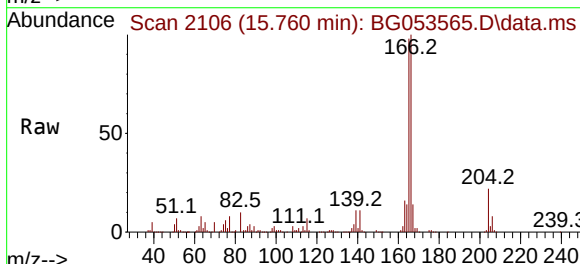
Tgt Ion:166 Resp: 287263

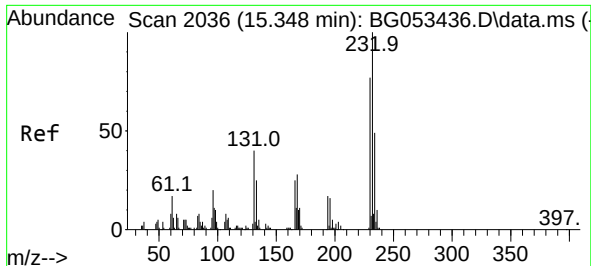
Ion Ratio Lower Upper

166 100

165 98.5 75.0 112.6

167 13.9 10.8 16.2

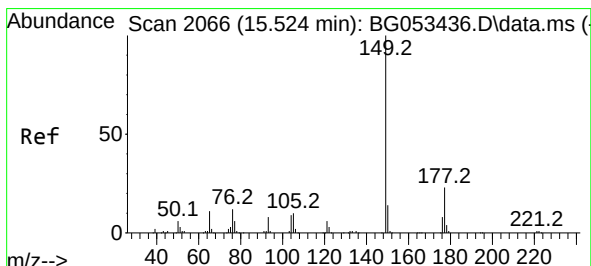
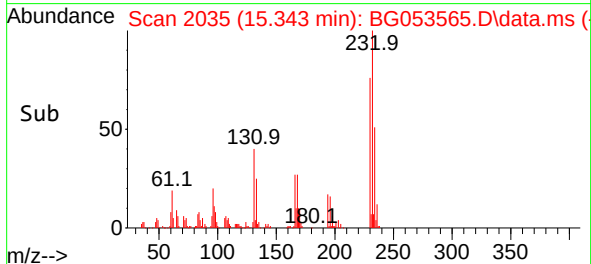
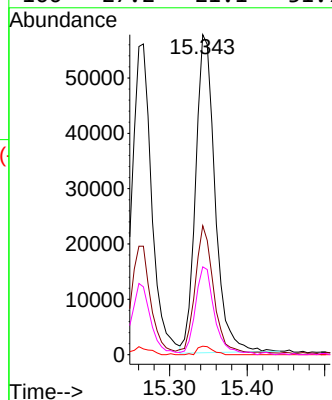
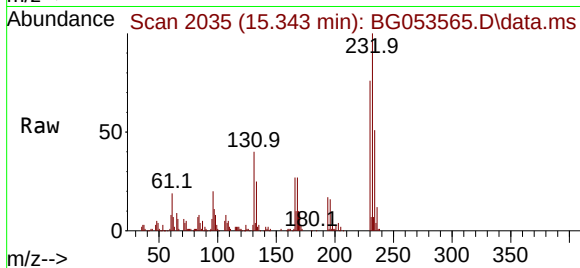




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.451 ng
RT: 15.343 min Scan# 2035
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

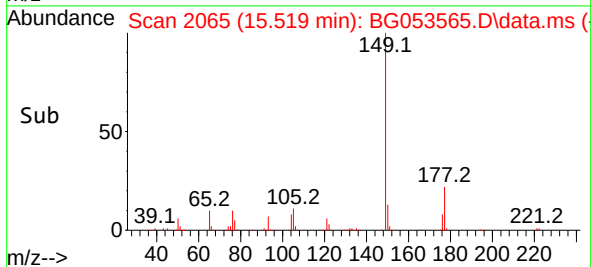
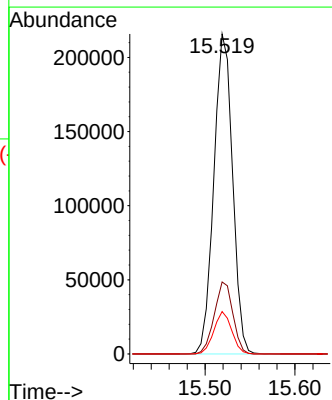
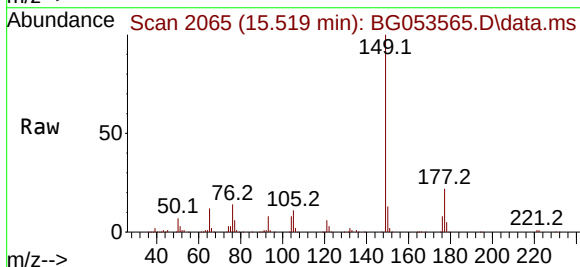
Instrument :
BNA_G
ClientSampleId :
SB21MSD

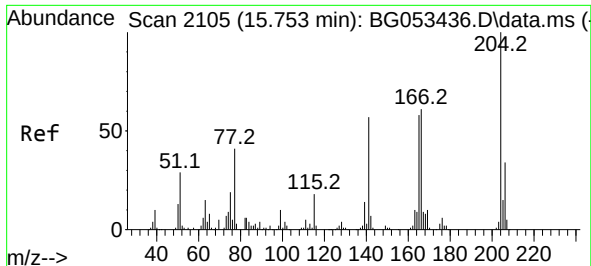
Tgt Ion:232 Resp: 99799
Ion Ratio Lower Upper
232 100
131 37.5 30.6 46.0
130 2.2 1.8 2.8
166 27.2 21.1 31.7



#60
Diethylphthalate
Concen: 47.316 ng
RT: 15.519 min Scan# 2065
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:149 Resp: 312109
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 13.3 11.2 16.8

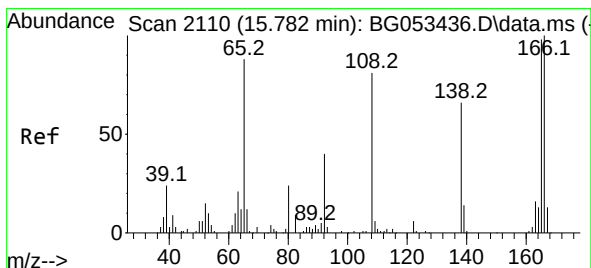
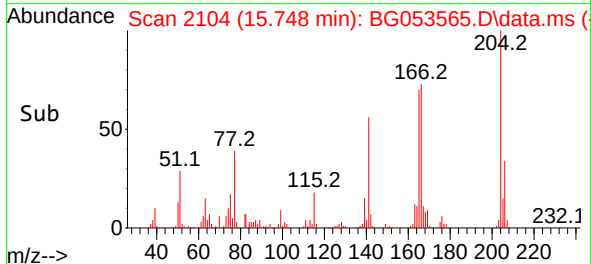
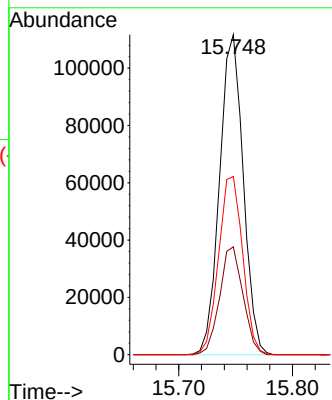
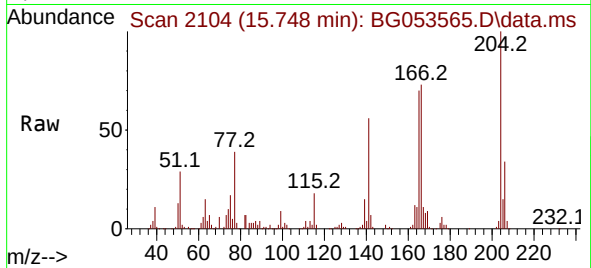




#61
4-Chlorophenyl-phenylether
Concen: 46.991 ng
RT: 15.748 min Scan# 2104
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

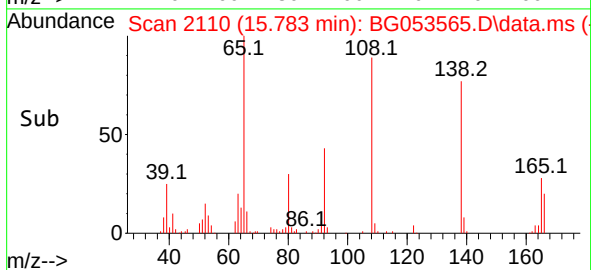
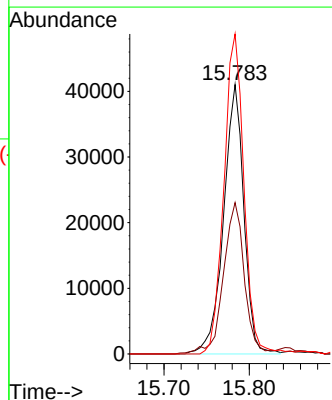
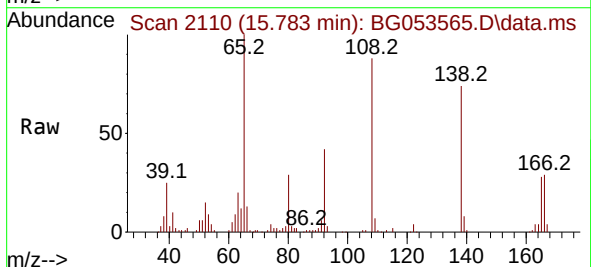
Instrument :
BNA_G
ClientSampleId :
SB21MSD

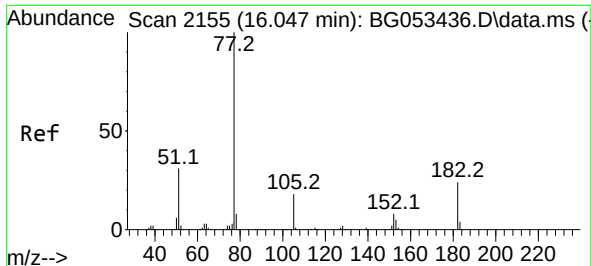
Tgt Ion:204 Resp: 161308
Ion Ratio Lower Upper
204 100
206 33.7 27.5 41.3
141 55.7 45.3 67.9



#62
4-Nitroaniline
Concen: 46.555 ng
RT: 15.783 min Scan# 2110
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:138 Resp: 67877
Ion Ratio Lower Upper
138 100
92 56.2 40.5 80.5
108 118.8 103.7 143.7

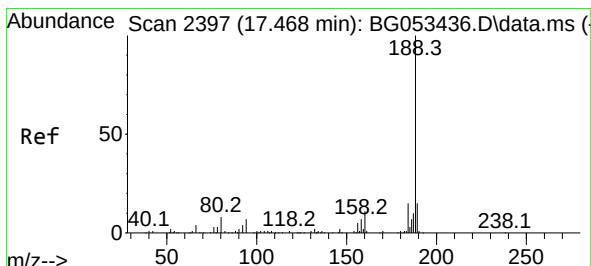
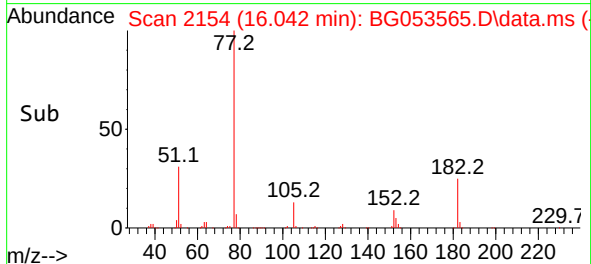
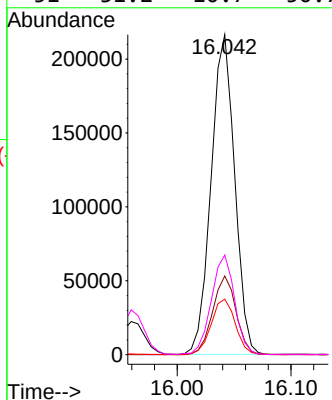
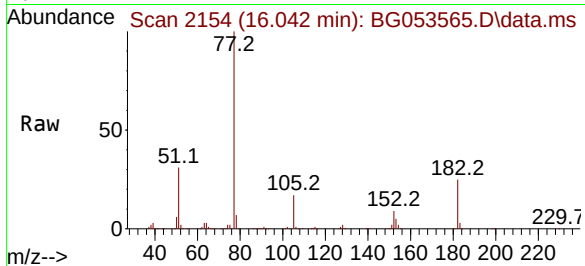




#63
Azobenzene
Concen: 45.993 ng
RT: 16.042 min Scan# 2155
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

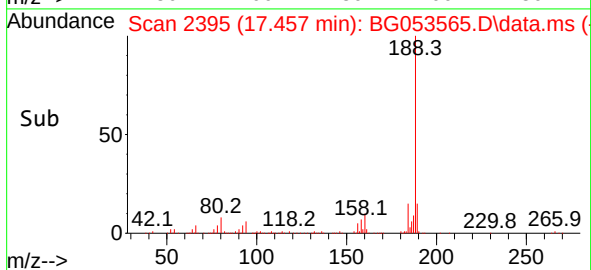
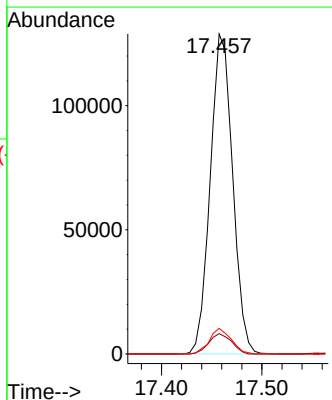
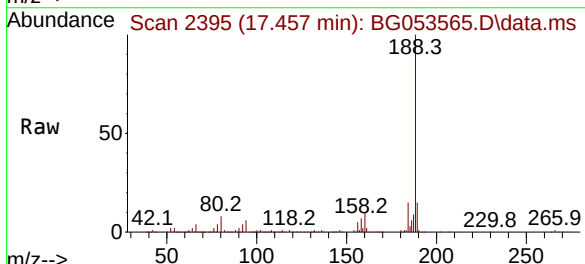
Instrument :
BNA_G
ClientSampleId :
SB21MSD

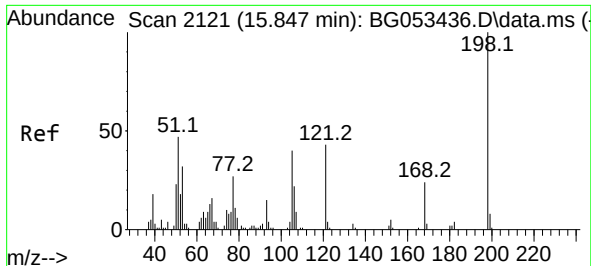
Tgt Ion: 77	Resp: 310671
Ion Ratio	Lower Upper
77 100	
182 24.6	3.8 43.8
105 17.4	0.0 37.8
51 31.2	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:188	Resp: 199748
Ion Ratio	Lower Upper
188 100	
94 6.4	5.4 8.0
80 8.0	6.8 10.2

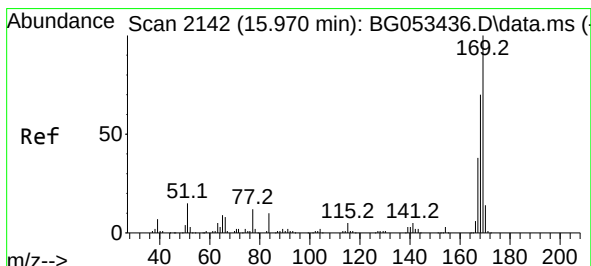
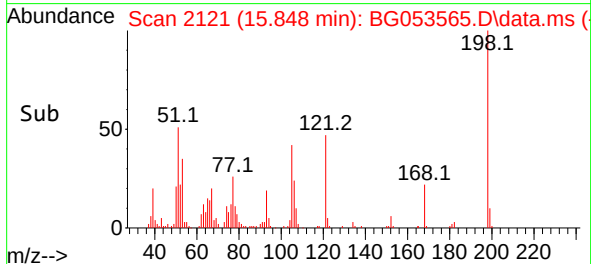
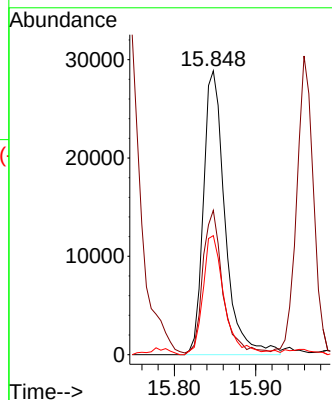
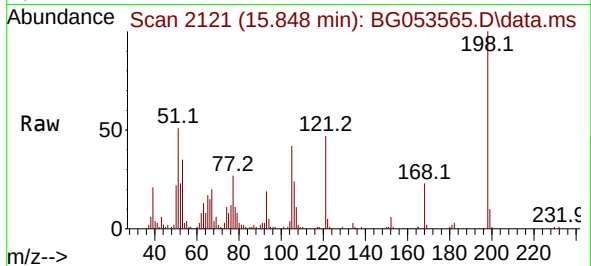




#65
4,6-Dinitro-2-methylphenol
Concen: 44.719 ng
RT: 15.848 min Scan# 2121
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

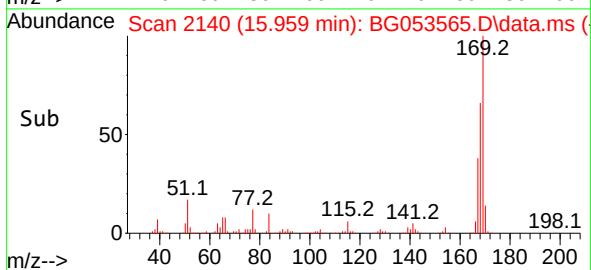
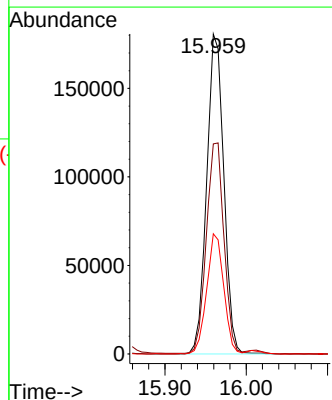
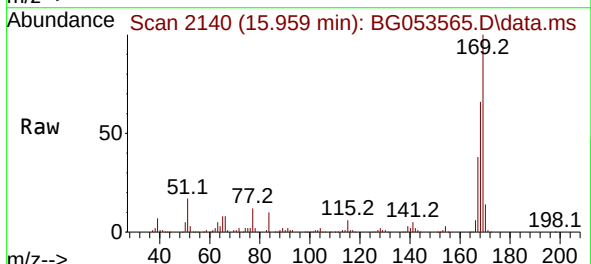
Instrument :
BNA_G
ClientSampleId :
SB21MSD

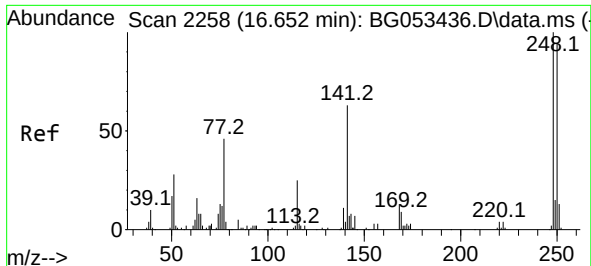
Tgt Ion:198 Resp: 53227
Ion Ratio Lower Upper
198 100
51 50.9 28.1 68.1
105 42.0 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 50.230 ng
RT: 15.959 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:169 Resp: 263428
Ion Ratio Lower Upper
169 100
168 65.6 55.9 83.9
167 37.5 30.6 46.0

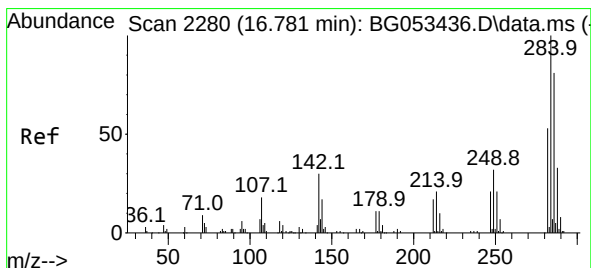
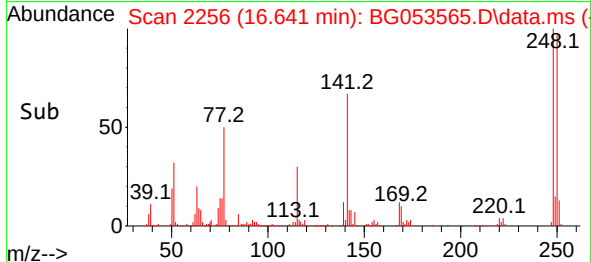
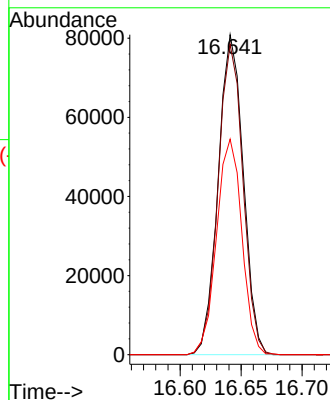
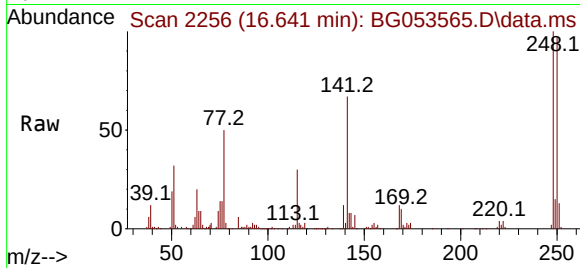




#67
4-Bromophenyl-phenylether
Concen: 49.707 ng
RT: 16.641 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

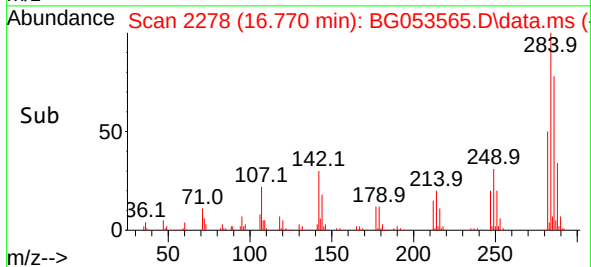
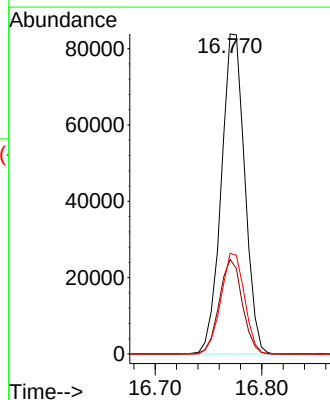
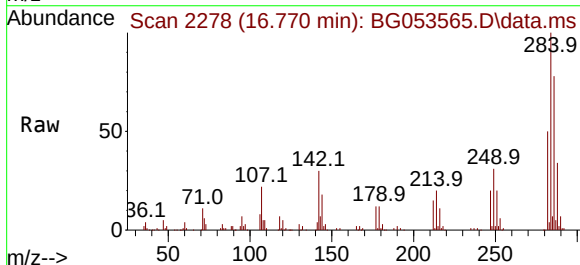
Instrument :
BNA_G
ClientSampleId :
SB21MSD

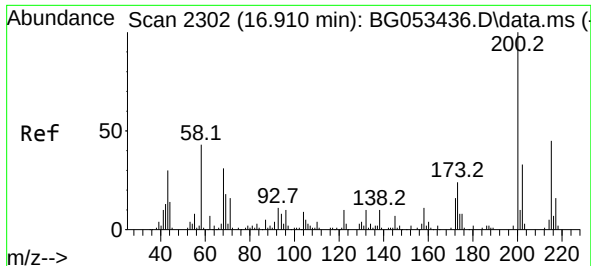
Tgt Ion:248 Resp: 115958
Ion Ratio Lower Upper
248 100
250 97.0 75.2 112.8
141 67.4 50.0 75.0



#68
Hexachlorobenzene
Concen: 50.108 ng
RT: 16.770 min Scan# 2278
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:284 Resp: 128021
Ion Ratio Lower Upper
284 100
142 29.6 23.6 35.4
249 31.5 25.8 38.6

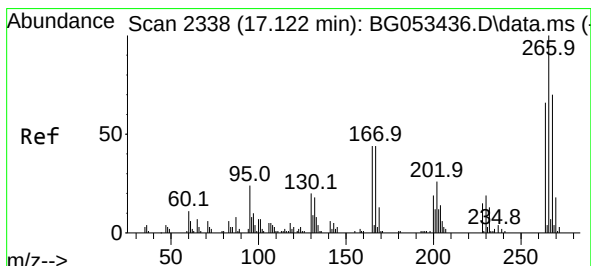
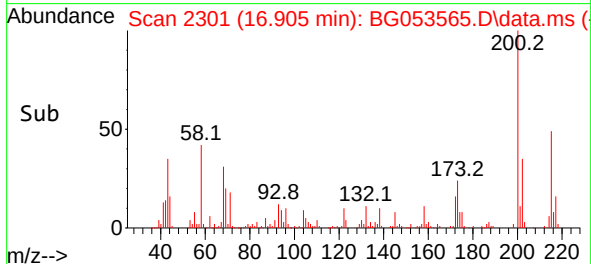
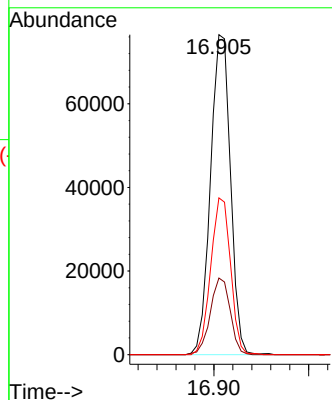
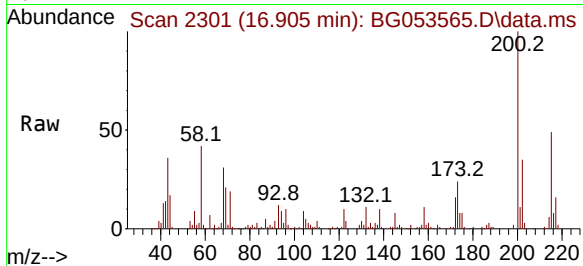




#69
 Atrazine
 Concen: 50.660 ng
 RT: 16.905 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

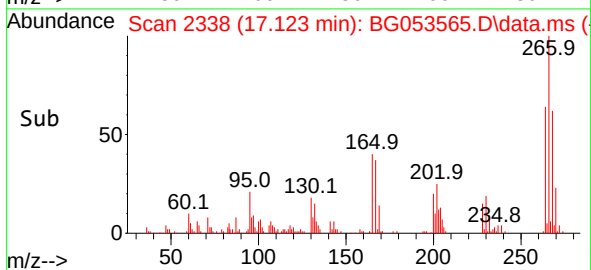
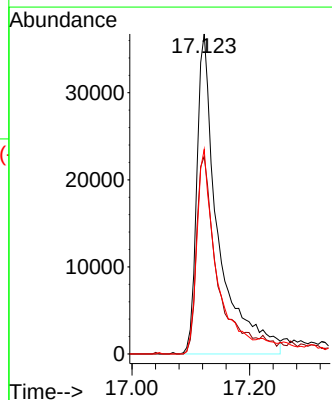
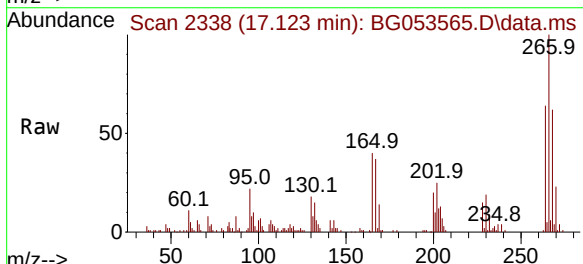
Instrument :
 BNA_G
 ClientSampleId :
 SB21MSD

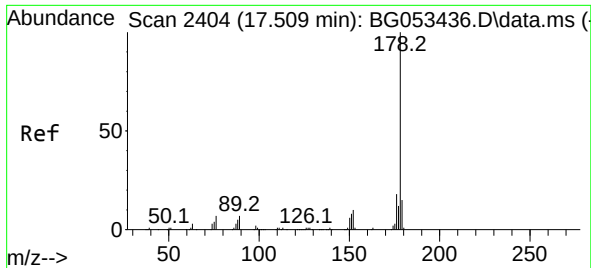
Tgt Ion:200 Resp: 111847
 Ion Ratio Lower Upper
 200 100
 173 23.9 3.7 43.7
 215 49.0 25.2 65.2



#70
 Pentachlorophenol
 Concen: 68.113 ng
 RT: 17.123 min Scan# 2338
 Delta R.T. 0.004 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

Tgt Ion:266 Resp: 92706
 Ion Ratio Lower Upper
 266 100
 268 61.7 56.2 84.2
 264 63.9 53.0 79.4

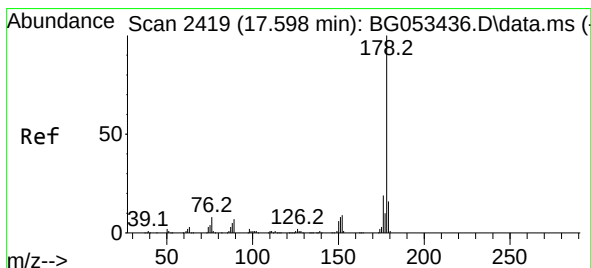
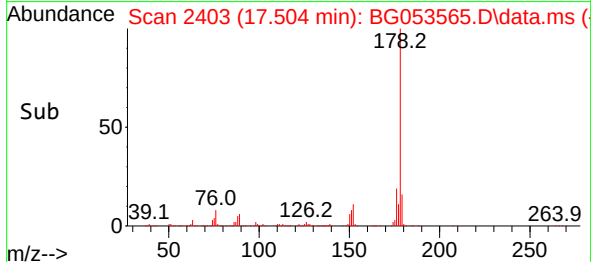
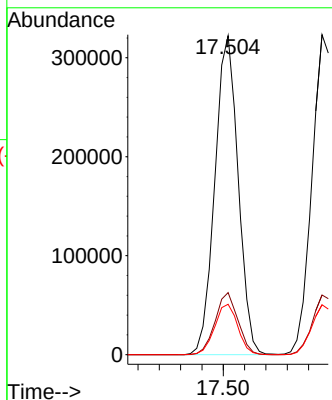
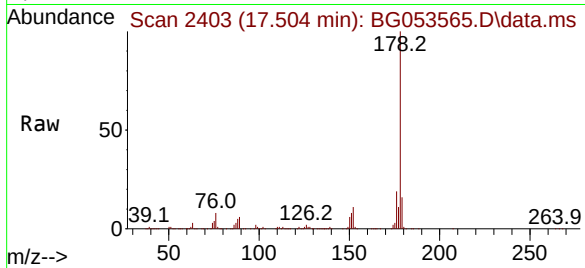




#71
 Phenanthrene
 Concen: 48.047 ng
 RT: 17.504 min Scan# 2404
 Delta R.T. 0.004 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

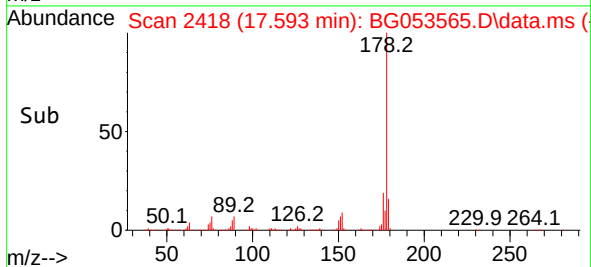
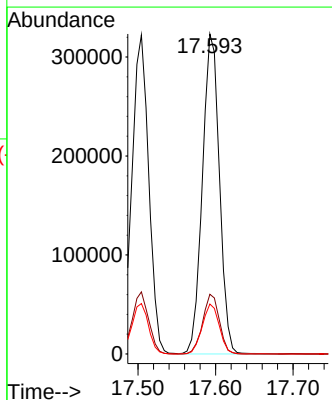
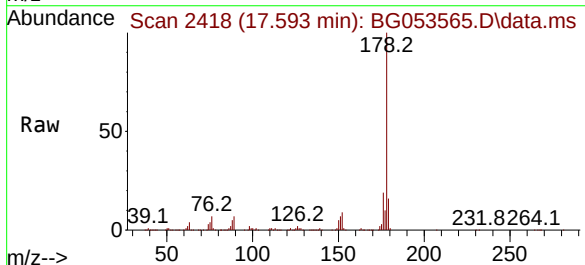
Instrument :
 BNA_G
 ClientSampleId :
 SB21MSD

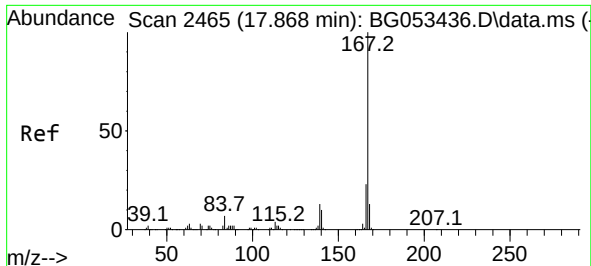
Tgt Ion:178 Resp: 488007
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.1 21.1
 179 15.8 12.1 18.1



#72
 Anthracene
 Concen: 49.369 ng
 RT: 17.593 min Scan# 2418
 Delta R.T. -0.002 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

Tgt Ion:178 Resp: 492867
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.2 22.8
 179 15.6 13.0 19.4

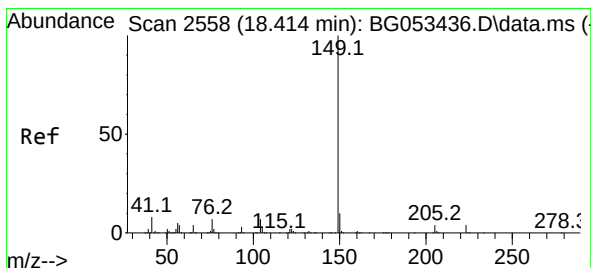
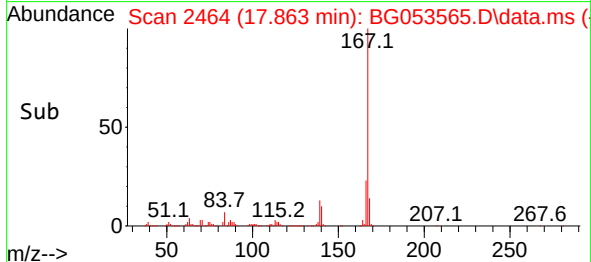
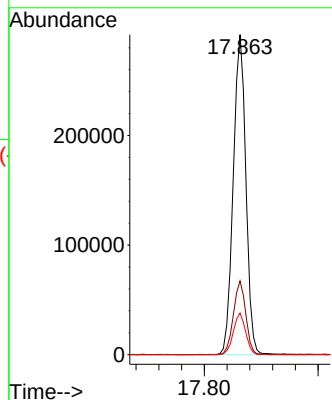
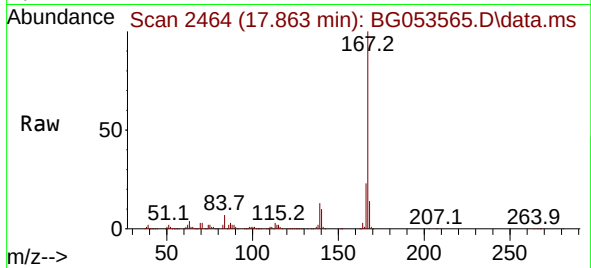




#73
 Carbazole
 Concen: 45.911 ng
 RT: 17.863 min Scan# 2464
 Delta R.T. 0.004 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

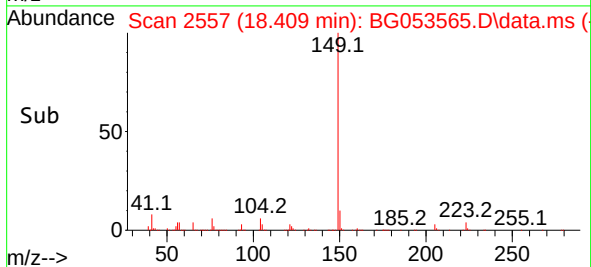
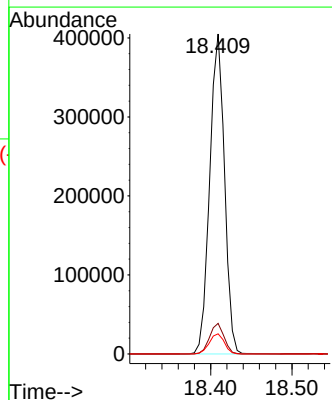
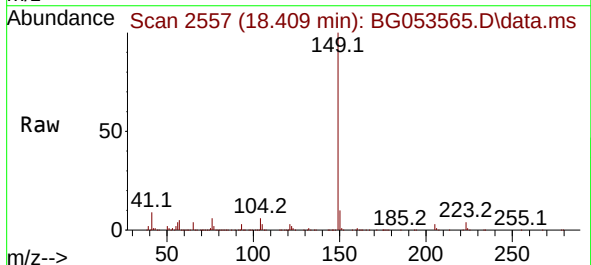
Instrument :
 BNA_G
 ClientSampleId :
 SB21MSD

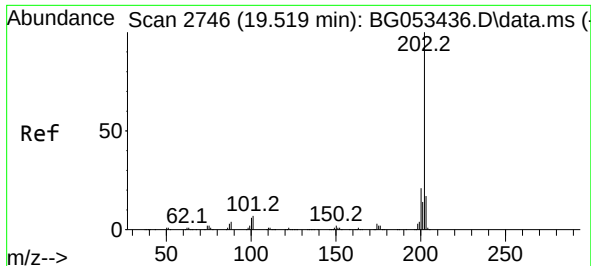
Tgt Ion:167 Resp: 449206
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.2
 139 13.0 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 46.362 ng
 RT: 18.409 min Scan# 2557
 Delta R.T. 0.004 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

Tgt Ion:149 Resp: 510160
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 6.3 5.4 8.0

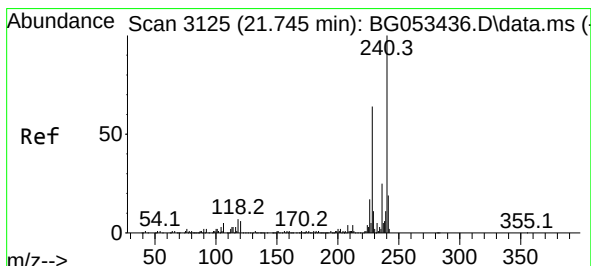
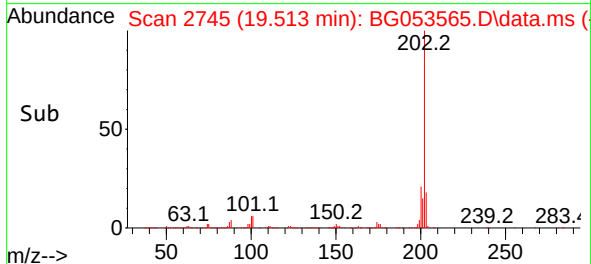
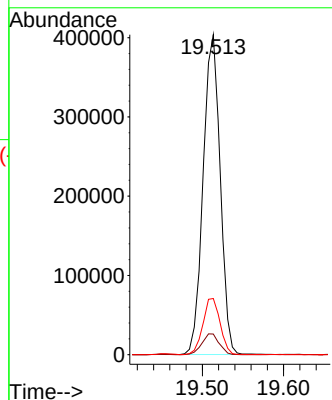
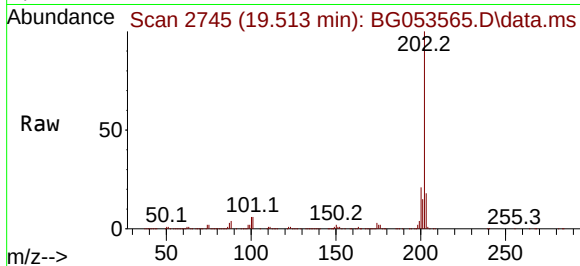




#75
Fluoranthene
Concen: 44.679 ng
RT: 19.513 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

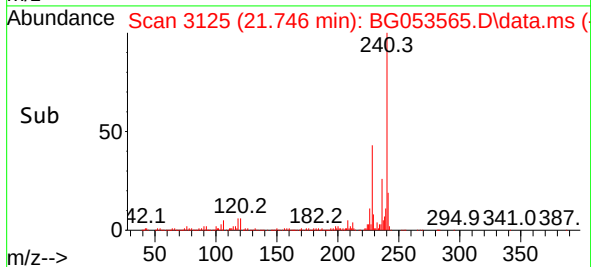
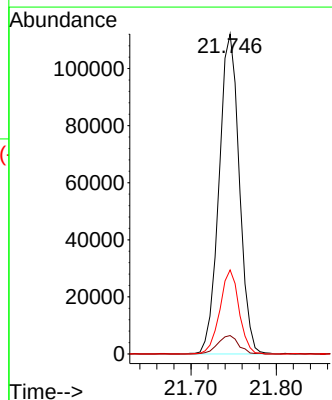
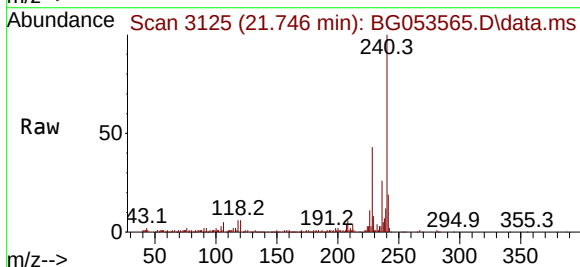
Instrument :
BNA_G
ClientSampleId :
SB21MSD

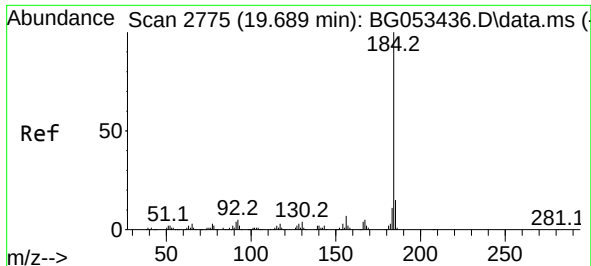
Tgt Ion:202 Resp: 587582
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.9
203 17.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.746 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:240 Resp: 184976
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 26.2 20.2 30.4

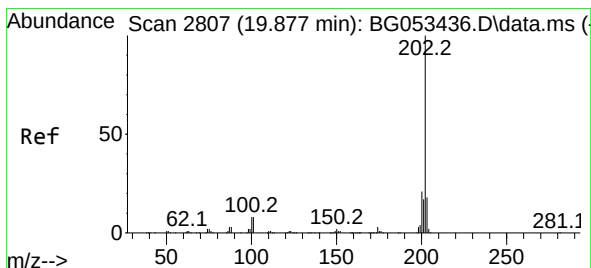
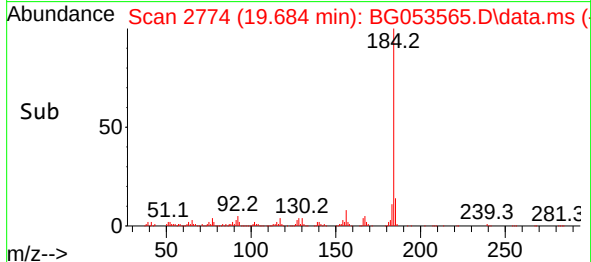
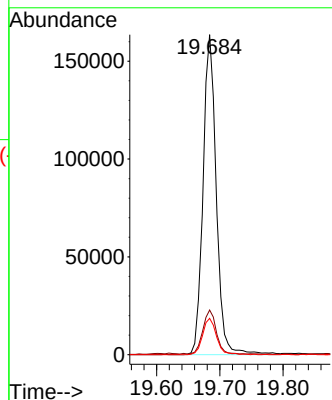
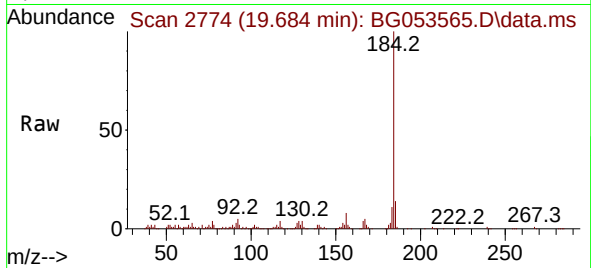




#77
Benzidine
Concen: 59.944 ng
RT: 19.684 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

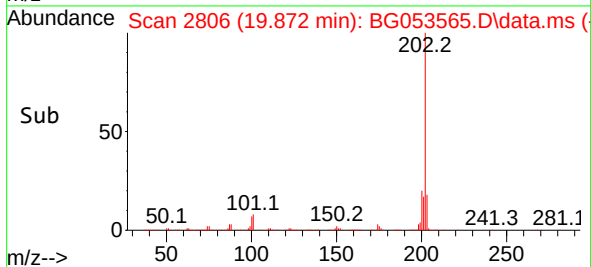
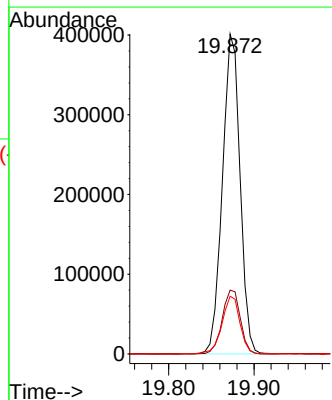
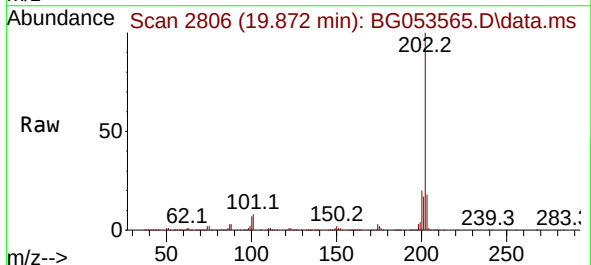
Instrument :
BNA_G
ClientSampleId :
SB21MSD

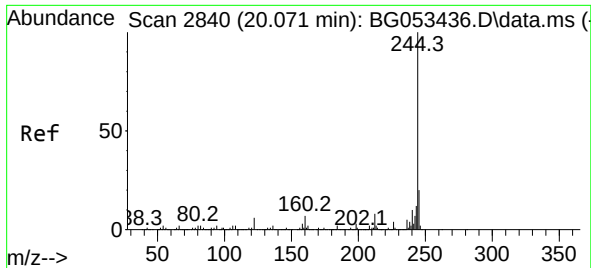
Tgt Ion:184 Resp: 238993
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.6
183 11.4 8.9 13.3



#78
Pyrene
Concen: 48.152 ng
RT: 19.872 min Scan# 2806
Delta R.T. -0.002 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:202 Resp: 576592
Ion Ratio Lower Upper
202 100
200 19.9 16.6 24.8
203 18.0 14.6 21.8

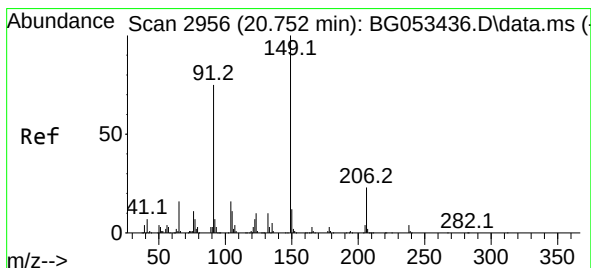
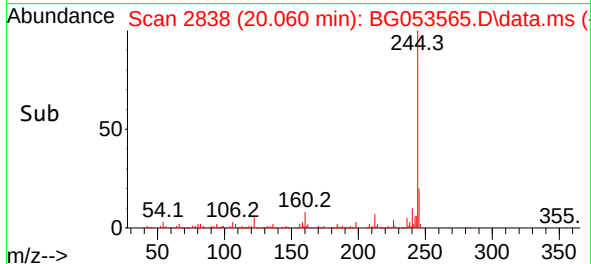
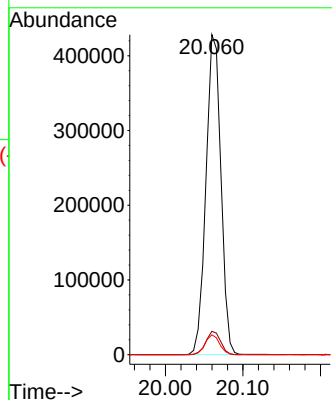
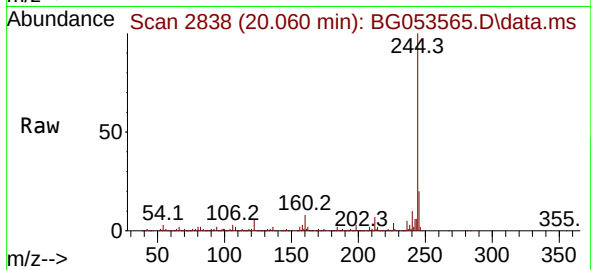




#79
 Terphenyl-d14
 Concen: 57.677 ng
 RT: 20.060 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

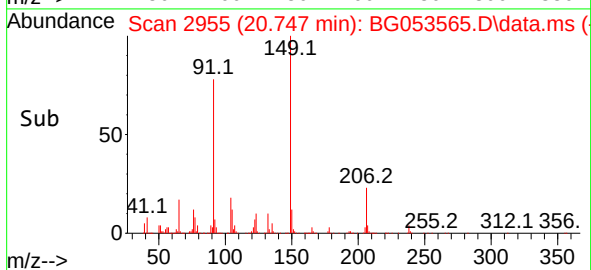
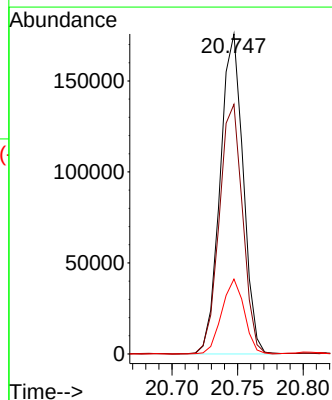
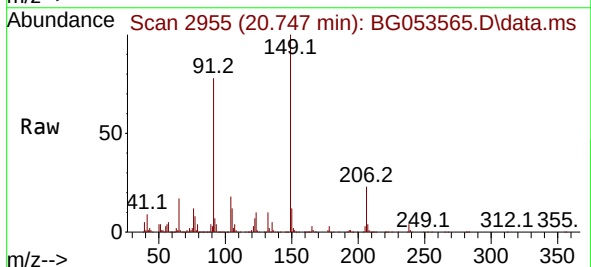
Instrument :
 BNA_G
 ClientSampleId :
 SB21MSD

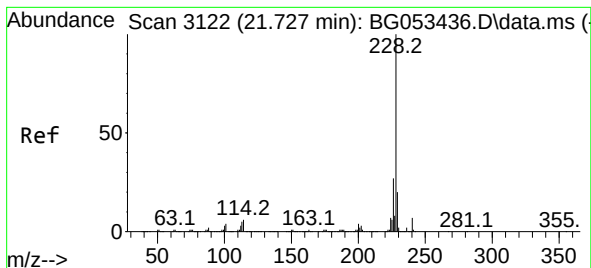
Tgt Ion:244 Resp: 572832
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 6.2 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 48.729 ng
 RT: 20.747 min Scan# 2955
 Delta R.T. 0.004 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

Tgt Ion:149 Resp: 213968
 Ion Ratio Lower Upper
 149 100
 91 78.0 59.6 89.4
 206 23.4 18.6 28.0





#81

Benzo(a)anthracene

Concen: 48.582 ng

RT: 21.722 min Scan# 3122

Delta R.T. 0.004 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

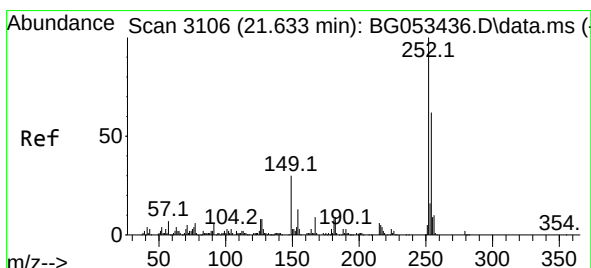
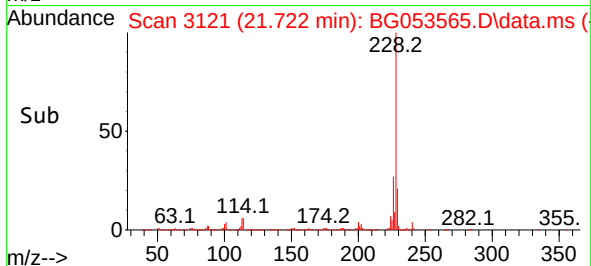
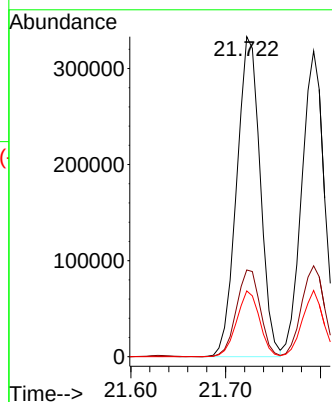
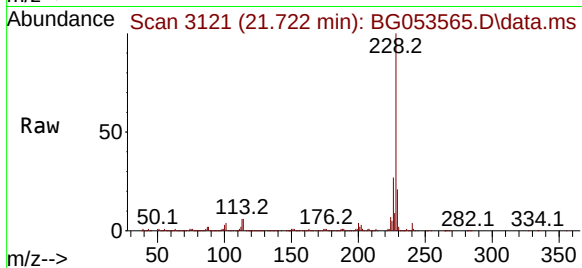
Tgt Ion:228 Resp: 573181

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 20.6 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 40.894 ng

RT: 21.628 min Scan# 3105

Delta R.T. 0.004 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

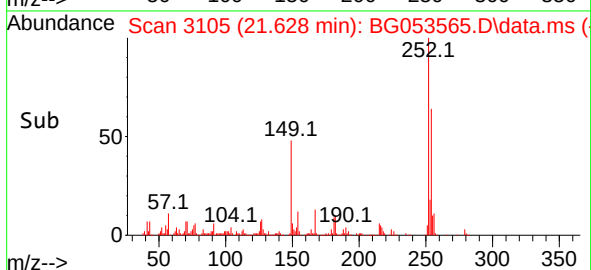
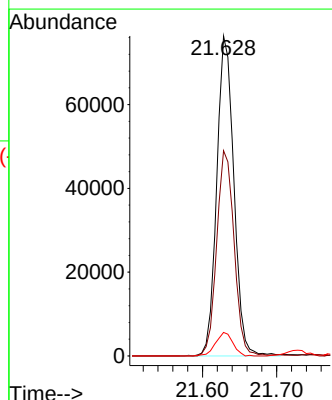
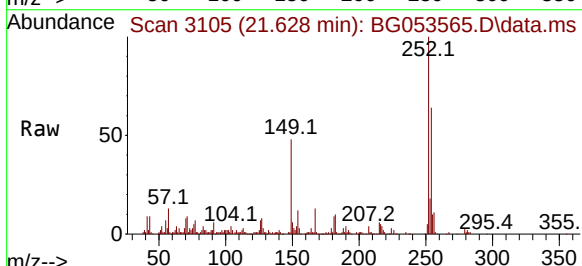
Tgt Ion:252 Resp: 122349

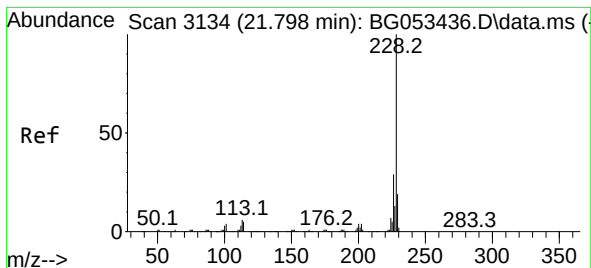
Ion Ratio Lower Upper

252 100

254 64.2 49.8 74.8

126 7.3 6.0 9.0





#83

Chrysene

Concen: 47.437 ng

RT: 21.793 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

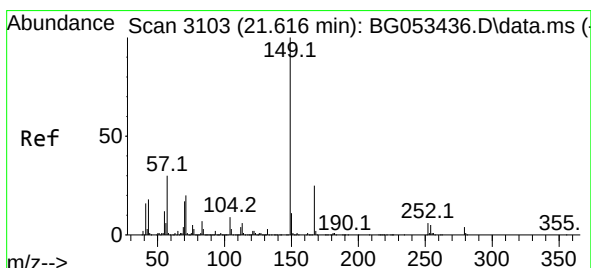
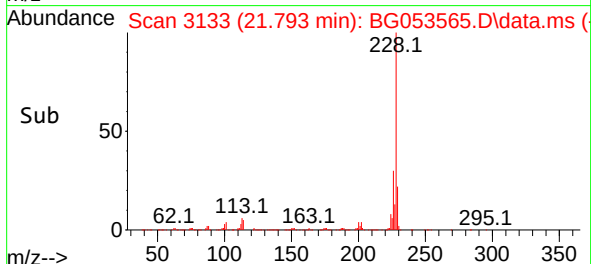
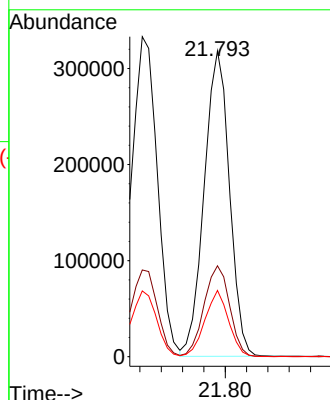
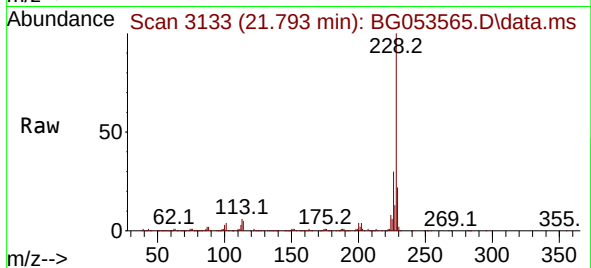
Tgt Ion:228 Resp: 522713

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 21.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.615 ng

RT: 21.611 min Scan# 3102

Delta R.T. 0.004 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

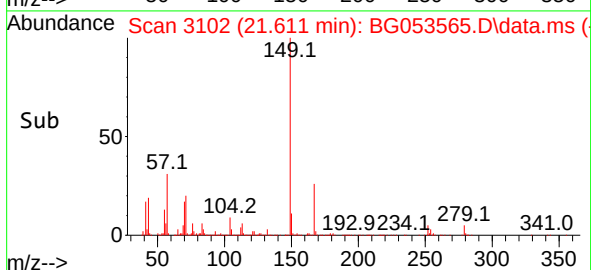
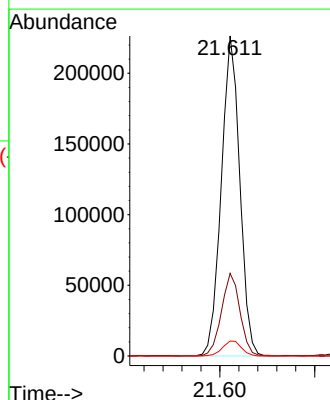
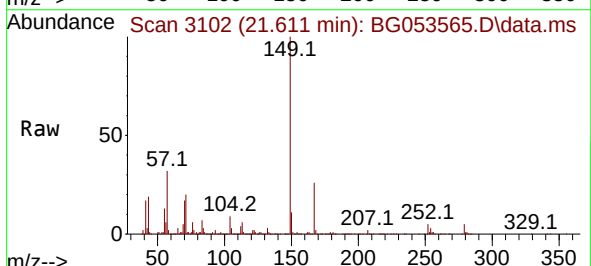
Tgt Ion:149 Resp: 306754

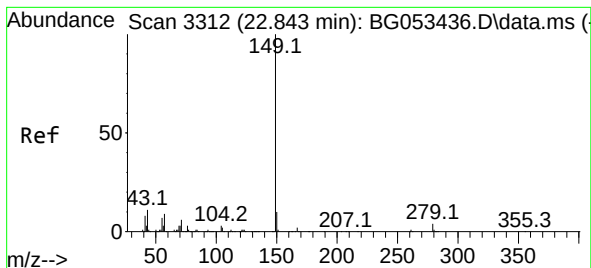
Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.4

279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 50.984 ng

RT: 22.838 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

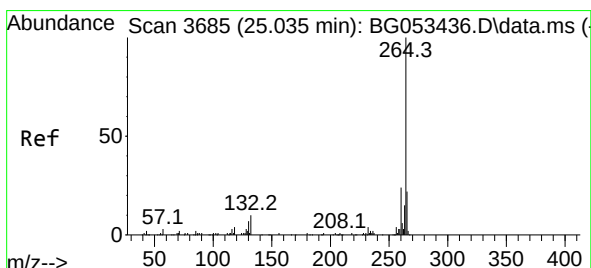
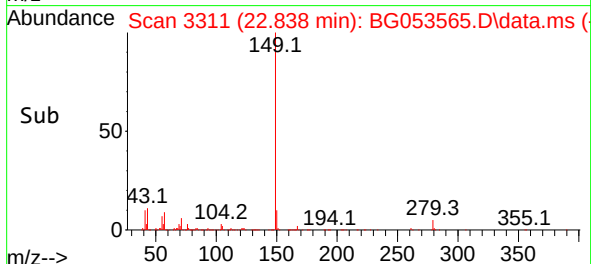
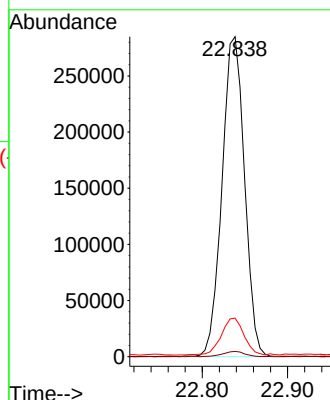
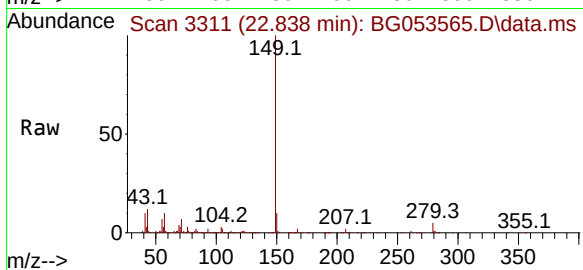
Tgt Ion:149 Resp: 522498

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.8 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.024 min Scan# 3683

Delta R.T. 0.004 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

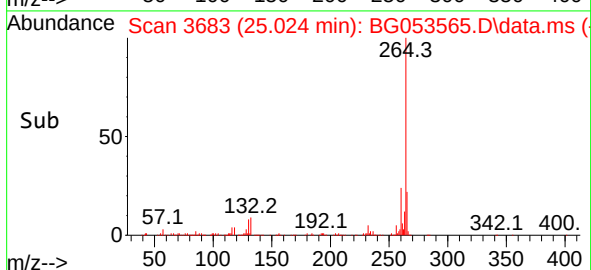
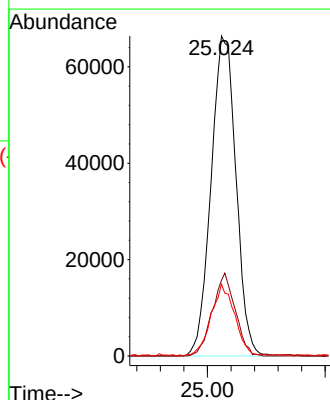
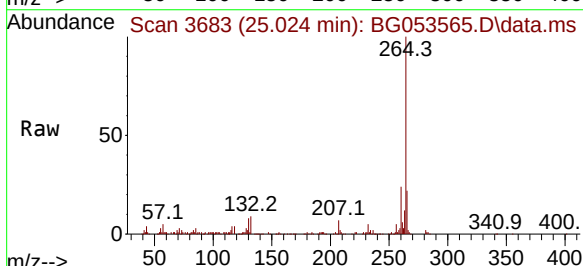
Tgt Ion:264 Resp: 195361

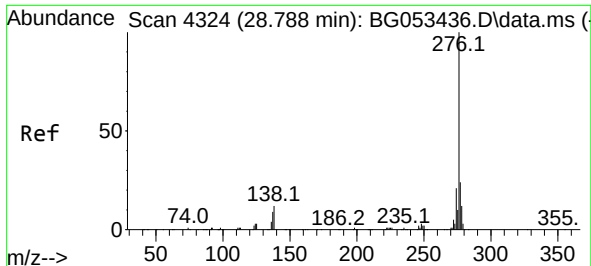
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 22.4 17.4 26.2

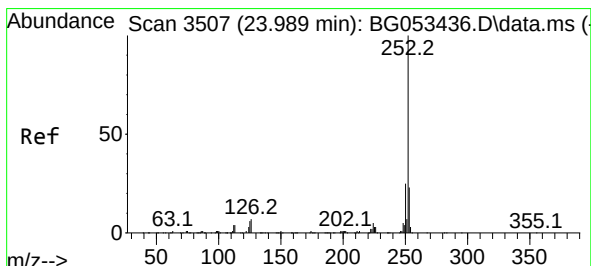
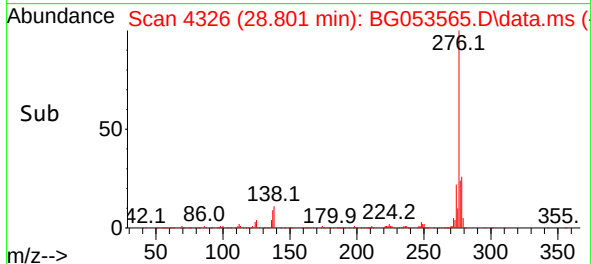
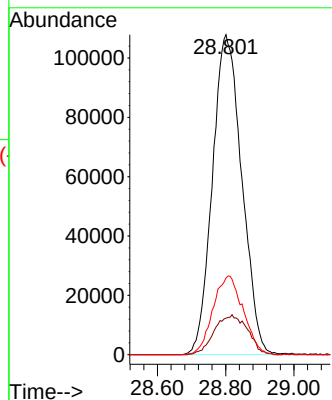
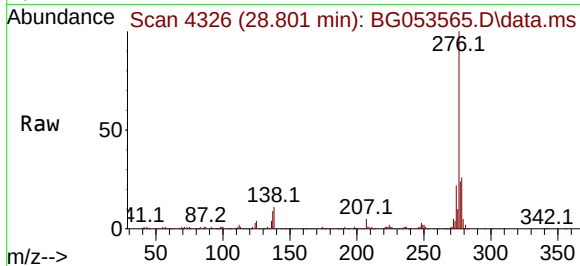




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.393 ng
 RT: 28.801 min Scan# 41
 Delta R.T. 0.022 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

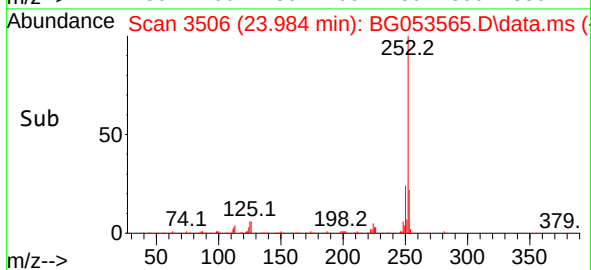
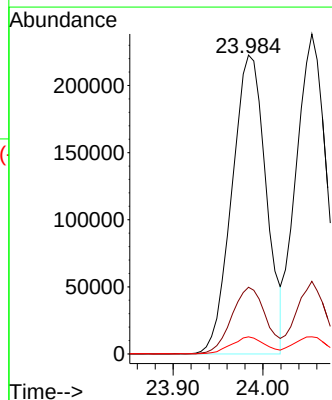
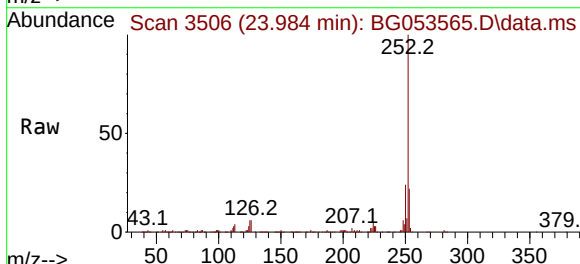
Instrument :
 BNA_G
 ClientSampleId :
 SB21MSD

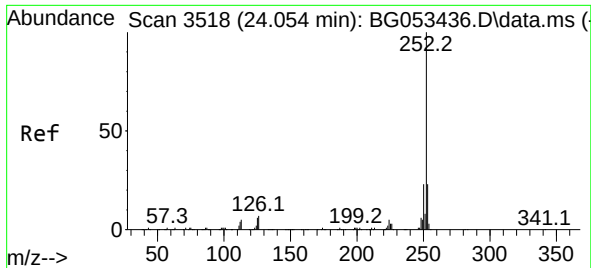
Tgt Ion:276 Resp: 644845
 Ion Ratio Lower Upper
 276 100
 138 14.1 5.0 7.4#
 277 25.2 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 50.923 ng
 RT: 23.984 min Scan# 3506
 Delta R.T. 0.004 min
 Lab File: BG053565.D
 Acq: 16 May 2022 13:39

Tgt Ion:252 Resp: 588855
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 5.7 4.6 6.8

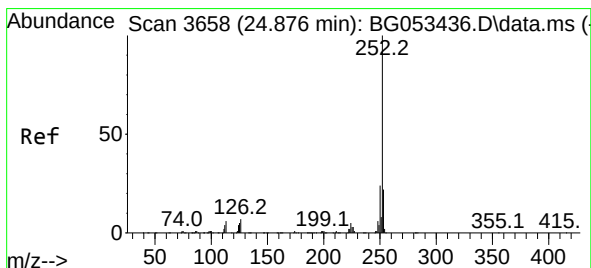
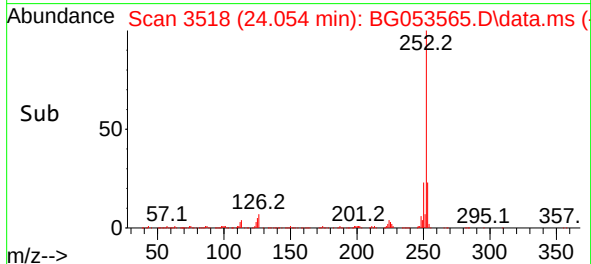
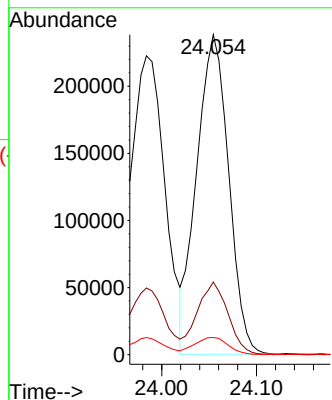
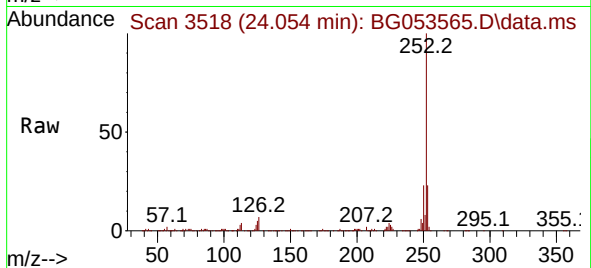




#89
Benzo(k)fluoranthene
Concen: 49.108 ng
RT: 24.054 min Scan# 3518
Delta R.T. 0.010 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

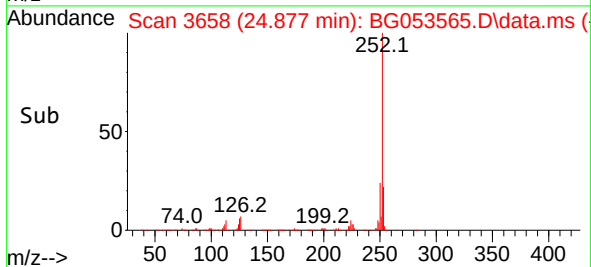
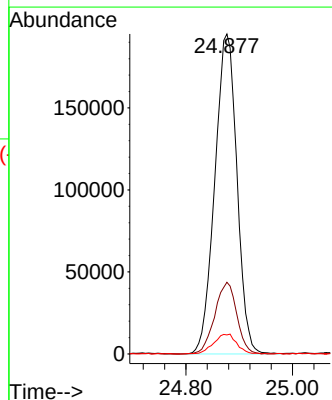
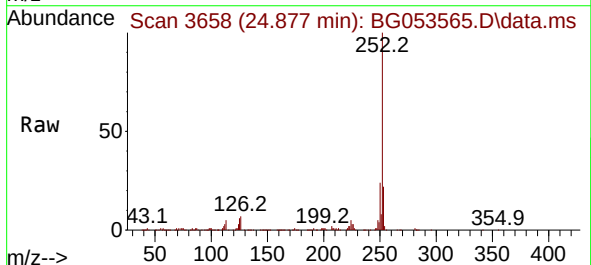
Instrument :
BNA_G
ClientSampleId :
SB21MSD

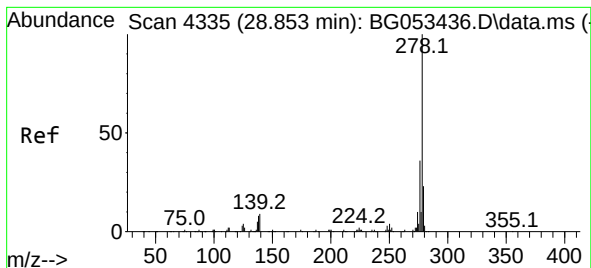
Tgt Ion:252 Resp: 558026
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 5.3 4.8 7.2



#90
Benzo(a)pyrene
Concen: 57.107 ng
RT: 24.877 min Scan# 3658
Delta R.T. 0.010 min
Lab File: BG053565.D
Acq: 16 May 2022 13:39

Tgt Ion:252 Resp: 562077
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 6.0 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 49.947 ng

RT: 28.854 min Scan# 41

Delta R.T. 0.016 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB21MSD

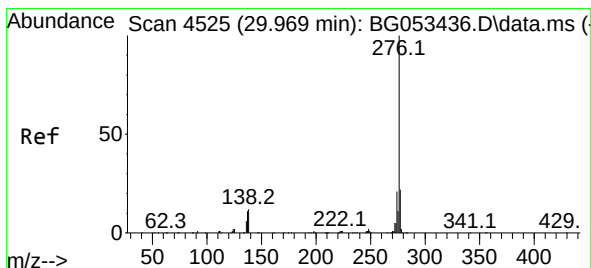
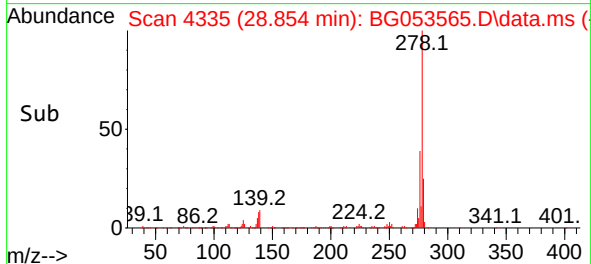
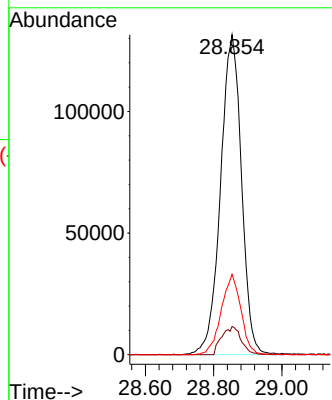
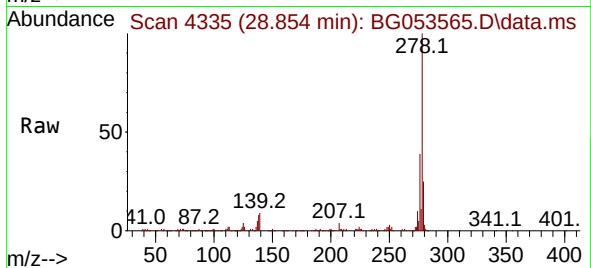
Tgt Ion:278 Resp: 559993

Ion Ratio Lower Upper

278 100

139 8.8 7.2 10.8

279 25.1 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 50.414 ng

RT: 29.982 min Scan# 4527

Delta R.T. 0.028 min

Lab File: BG053565.D

Acq: 16 May 2022 13:39

Tgt Ion:276 Resp: 560275

Ion Ratio Lower Upper

276 100

277 24.3 17.3 25.9

138 10.8 9.6 14.4

