

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053544.D
 Acq On : 13 May 2022 15:43
 Operator : CG/JU
 Sample : PB144735BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144735BS

Quant Time: May 14 03:13:41 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	8.087	152	24144	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	102158	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	81633	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	202847	20.000	ng	0.00
76) Chrysene-d12	21.740	240	203633	20.000	ng	0.00
86) Perylene-d12	25.012	264	214775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	190952	134.224	ng	0.00
7) Phenol-d6	7.247	99	278576	129.026	ng	0.00
23) Nitrobenzene-d5	9.251	82	193491	80.626	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	150519	125.017	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	440239	78.805	ng	0.00
79) Terphenyl-d14	20.059	244	939760	85.952	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	29625	39.689	ng	98
3) Pyridine	3.928	79	52653	28.884	ng	93
4) n-Nitrosodimethylamine	3.840	42	37249	41.947	ng	# 98
6) Aniline	7.406	93	101575	42.477	ng	98
8) 2-Chlorophenol	7.653	128	69088	46.454	ng	97
9) Benzaldehyde	7.218	77	47834	34.874	ng	86
10) Phenol	7.277	94	96892	45.885	ng	93
11) bis(2-Chloroethyl)ether	7.494	93	66268	42.078	ng	97
12) 1,3-Dichlorobenzene	7.976	146	71900	40.980	ng	91
13) 1,4-Dichlorobenzene	8.117	146	70505	39.823	ng	99
14) 1,2-Dichlorobenzene	8.440	146	71467	42.986	ng	97
15) Benzyl Alcohol	8.322	79	81497	45.149	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.610	45	110244	43.011	ng	95
17) 2-Methylphenol	8.534	107	65659	46.004	ng	96
18) Hexachloroethane	9.168	117	27740	41.259	ng	94
19) n-Nitroso-di-n-propyla...	8.886	70	65559	42.320	ng	98
20) 3+4-Methylphenols	8.857	107	88952	44.129	ng	96
22) Acetophenone	8.910	105	110861	39.651	ng	97
24) Nitrobenzene	9.292	77	100045	43.072	ng	99
25) Isophorone	9.814	82	178773	44.263	ng	98
26) 2-Nitrophenol	10.008	139	40192	42.723	ng	98
27) 2,4-Dimethylphenol	10.061	122	70519	49.809	ng	99
28) bis(2-Chloroethoxy)met...	10.290	93	94795	40.809	ng	96
29) 2,4-Dichlorophenol	10.549	162	76770	44.929	ng	94
30) 1,2,4-Trichlorobenzene	10.760	180	77903	40.127	ng	97
31) Naphthalene	10.948	128	216204	41.606	ng	99
32) Benzoic acid	10.232	122	25294	32.014	ng	96
33) 4-Chloroaniline	11.054	127	76677	35.233	ng	99
34) Hexachlorobutadiene	11.230	225	57563	39.985	ng	95
35) Caprolactam	11.824	113	12883	20.747	ng	92
36) 4-Chloro-3-methylphenol	12.176	107	91675	44.853	ng	98
37) 2-Methylnaphthalene	12.546	142	157532	40.621	ng	96
38) 1-Methylnaphthalene	12.546	142	157532	41.635	ng	99
40) 1,2,4,5-Tetrachloroben...	12.916	216	102321	39.764	ng	# 98
41) Hexachlorocyclopentadiene	12.893	237	99765	93.508	ng	96
43) 2,4,6-Trichlorophenol	13.151	196	70240	41.818	ng	99

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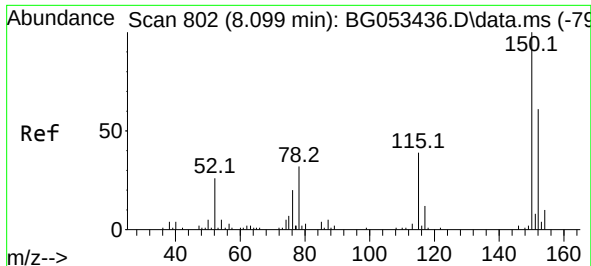
Quant Time: May 14 03:13:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	75708	42.351	ng	98
46) 1,1'-Biphenyl	13.545	154	223209	40.114	ng	99
47) 2-Chloronaphthalene	13.592	162	175295	40.209	ng	99
48) 2-Nitroaniline	13.791	65	71515	44.024	ng	97
49) Acenaphthylene	14.438	152	303741	43.661	ng	99
50) Dimethylphthalate	14.162	163	254459	41.020	ng	99
51) 2,6-Dinitrotoluene	14.279	165	55283	43.743	ng	95
52) Acenaphthene	14.778	154	169391	40.858	ng	97
53) 3-Nitroaniline	14.614	138	47576	34.840	ng	95
54) 2,4-Dinitrophenol	14.831	184	63345	79.042	ng	93
55) Dibenzofuran	15.107	168	294615	39.563	ng	98
56) 4-Nitrophenol	14.931	139	82306	84.387	ng	# 84
57) 2,4-Dinitrotoluene	15.072	165	81086	44.263	ng	# 88
58) Fluorene	15.759	166	245837	41.138	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.342	232	76032	41.920	ng	99
60) Diethylphthalate	15.519	149	266642	41.612	ng	97
61) 4-Chlorophenyl-phenyle...	15.742	204	136209	40.847	ng	98
62) 4-Nitroaniline	15.777	138	58591	41.368	ng	97
63) Azobenzene	16.035	77	267141	40.712	ng	99
65) 4,6-Dinitro-2-methylph...	15.842	198	48298	39.958	ng	96
66) n-Nitrosodiphenylamine	15.959	169	227333	42.685	ng	99
67) 4-Bromophenyl-phenylether	16.641	248	97405	41.116	ng	95
68) Hexachlorobenzene	16.770	284	107983	41.620	ng	99
69) Atrazine	16.905	200	96926	43.231	ng	93
70) Pentachlorophenol	17.116	266	111438	79.770	ng	96
71) Phenanthrene	17.498	178	430194	41.708	ng	97
72) Anthracene	17.592	178	436391	43.044	ng	99
73) Carbazole	17.857	167	399691	40.227	ng	100
74) Di-n-butylphthalate	18.403	149	469264	41.994	ng	100
75) Fluoranthene	19.507	202	559187	41.870	ng	98
77) Benzidine	19.678	184	279177	63.608	ng	99
78) Pyrene	19.871	202	559766	42.464	ng	100
80) Butylbenzylphthalate	20.741	149	206060	42.629	ng	96
81) Benzo(a)anthracene	21.716	228	557751	42.943	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	162107	49.218	ng	97
83) Chrysene	21.787	228	507120	41.806	ng	98
84) Bis(2-ethylhexyl)phtha...	21.604	149	296460	44.435	ng	99
85) Di-n-octyl phthalate	22.832	149	506349	44.881	ng	100
87) Indeno(1,2,3-cd)pyrene	28.777	276	630147	42.126	ng	99
88) Benzo(b)fluoranthene	23.972	252	587331	46.200	ng	99
89) Benzo(k)fluoranthene	24.042	252	549085	43.953	ng	99
90) Benzo(a)pyrene	24.865	252	561510	51.893	ng	98
91) Dibenzo(a,h)anthracene	28.830	278	543211	44.071	ng	98
92) Benzo(g,h,i)perylene	29.952	276	539470	44.154	ng	96

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

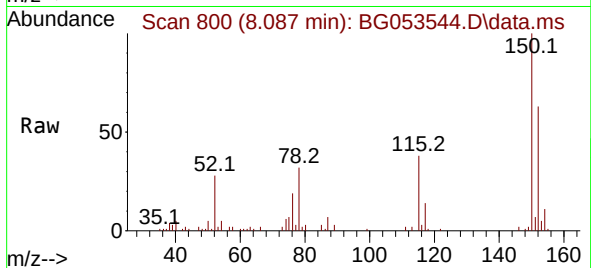
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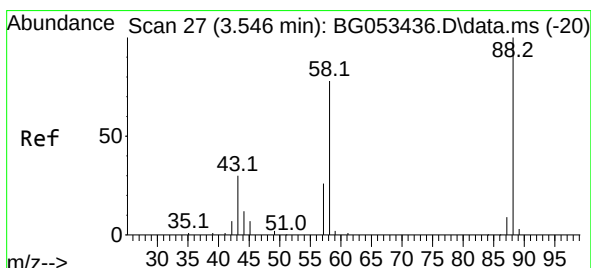
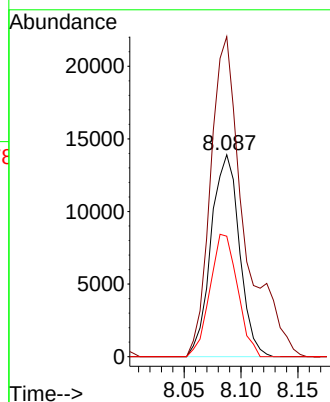
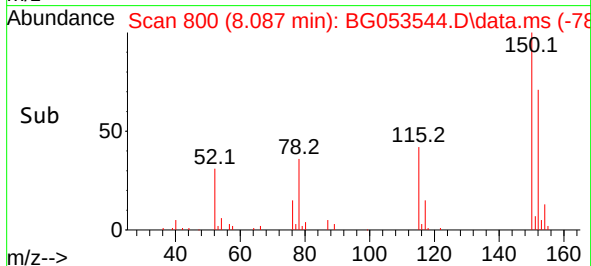


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

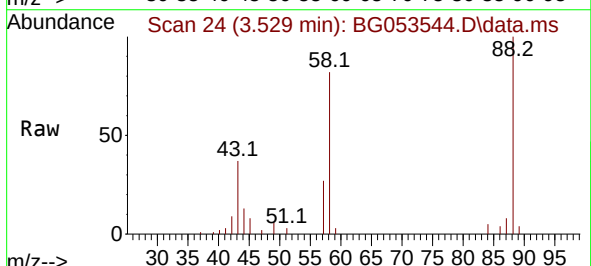
Instrument :
BNA_G
ClientSampleId :
PB144735BS



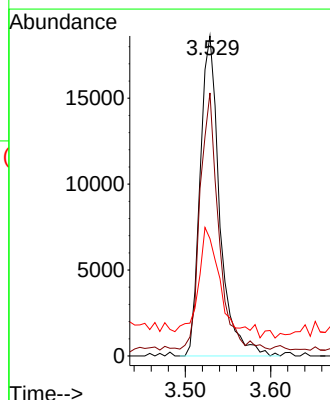
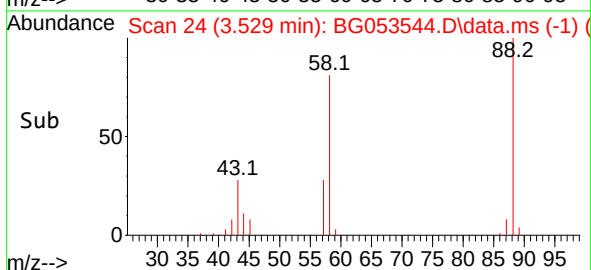
Tgt Ion:152 Resp: 24144
Ion Ratio Lower Upper
152 100
150 158.4 131.6 197.4
115 59.7 50.9 76.3

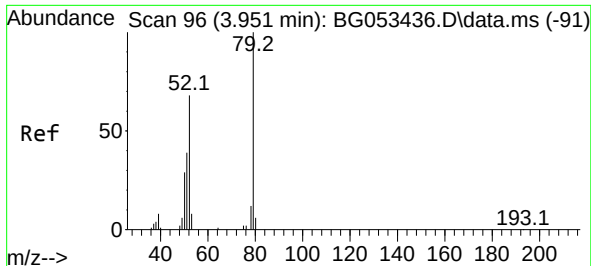


#2
1,4-Dioxane
Concen: 39.689 ng
RT: 3.529 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43



Tgt Ion: 88 Resp: 29625
Ion Ratio Lower Upper
88 100
58 75.5 59.2 88.8
43 32.1 24.3 36.5



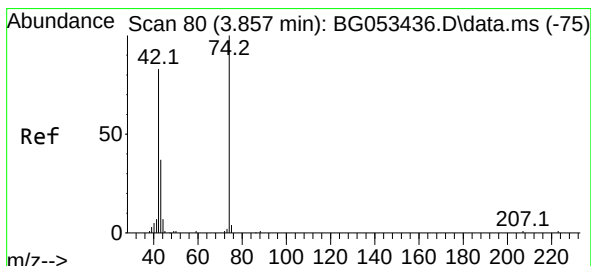
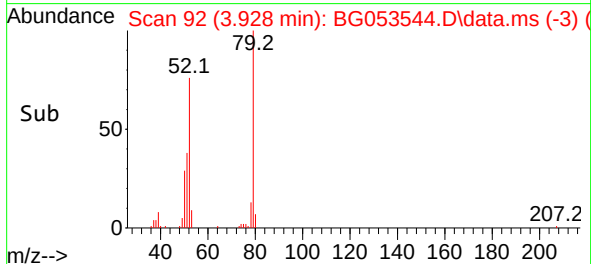
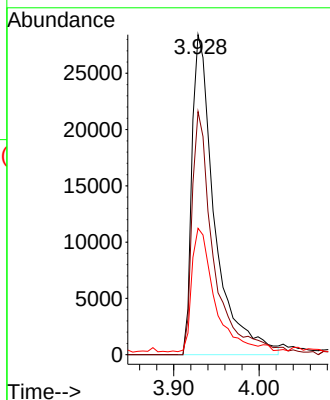
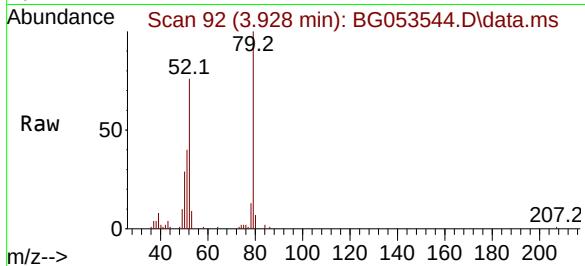


#3
 Pyridine
 Concen: 28.884 ng
 RT: 3.928 min Scan# 91
 Delta R.T. -0.008 min
 Lab File: BG053544.D
 Acq: 13 May 2022 15:43

Instrument :
 BNA_G
 ClientSampleId :
 PB144735BS

Tgt Ion: 79 Resp: 52653

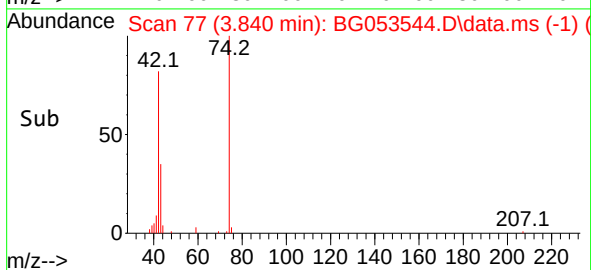
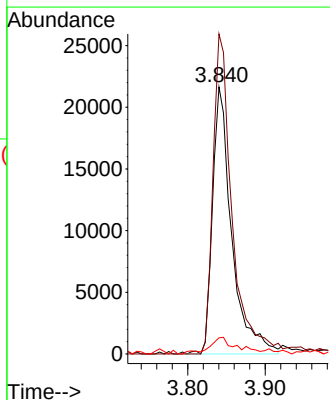
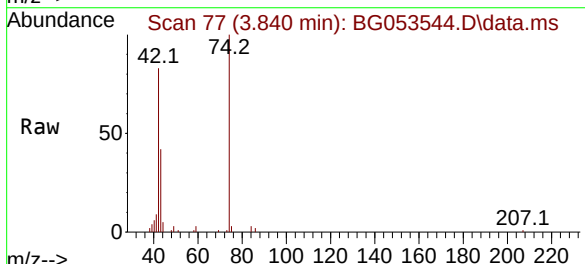
Ion	Ratio	Lower	Upper
79	100		
52	75.9	54.6	81.8
51	39.5	32.5	48.7

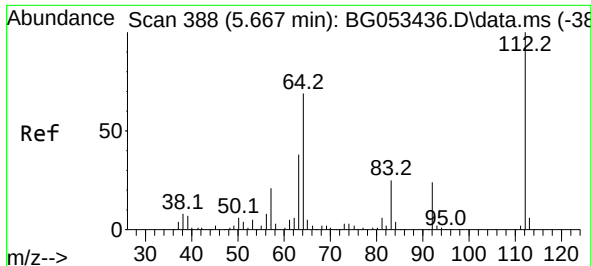


#4
 n-Nitrosodimethylamine
 Concen: 41.947 ng
 RT: 3.840 min Scan# 77
 Delta R.T. -0.008 min
 Lab File: BG053544.D
 Acq: 13 May 2022 15:43

Tgt Ion: 42 Resp: 37249

Ion	Ratio	Lower	Upper
42	100		
74	119.8	97.0	145.4
44	6.1	7.0	10.4

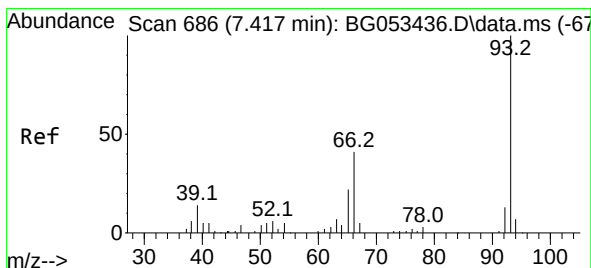
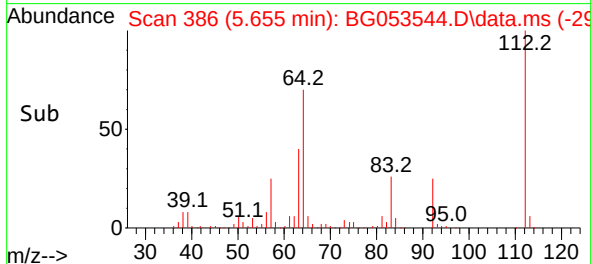
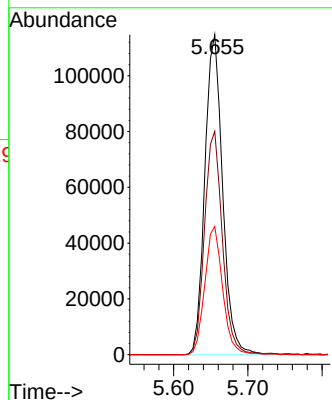
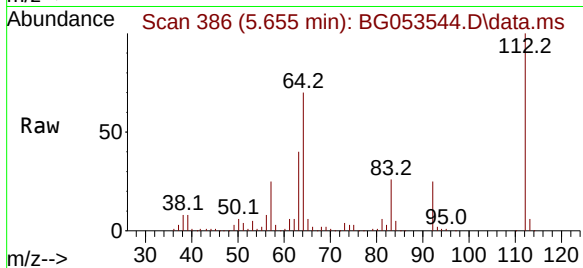




#5
2-Fluorophenol
Concen: 134.224 ng
RT: 5.655 min Scan# 388
Delta R.T. 0.004 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

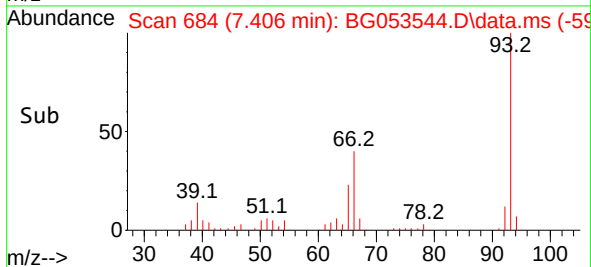
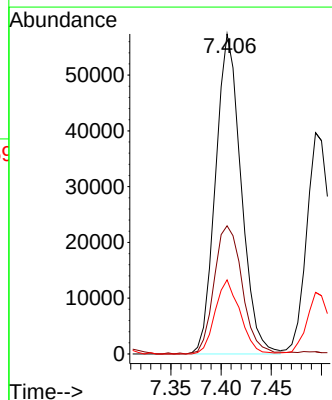
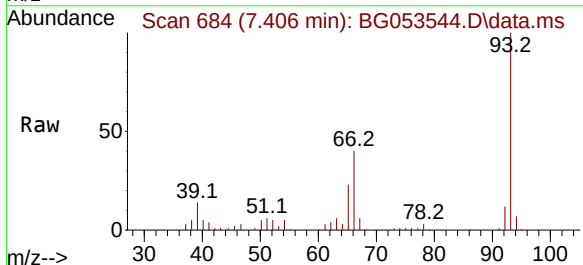
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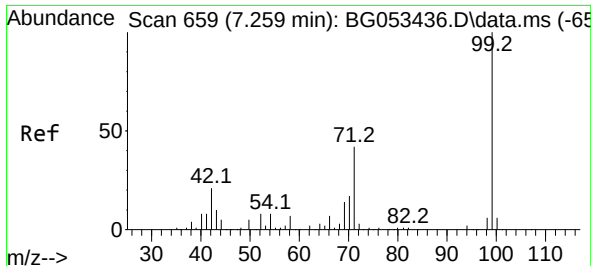
Tgt Ion:112 Resp: 190952
Ion Ratio Lower Upper
112 100
64 69.8 55.1 82.7
63 40.1 30.4 45.6



#6
Aniline
Concen: 42.477 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion: 93 Resp: 101575
Ion Ratio Lower Upper
93 100
66 40.0 32.9 49.3
65 23.1 17.8 26.8

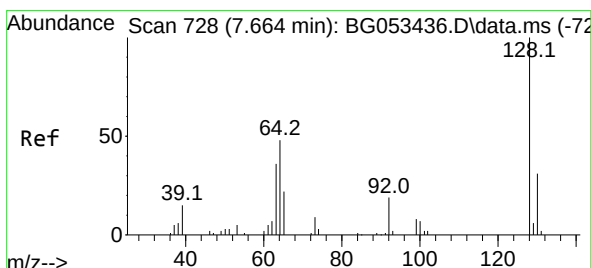
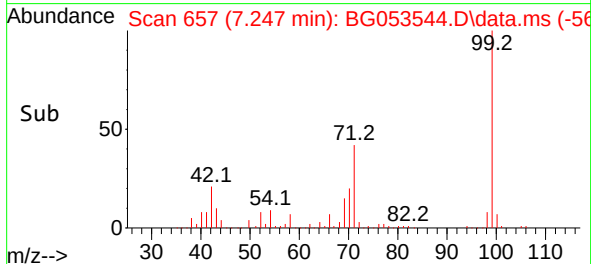
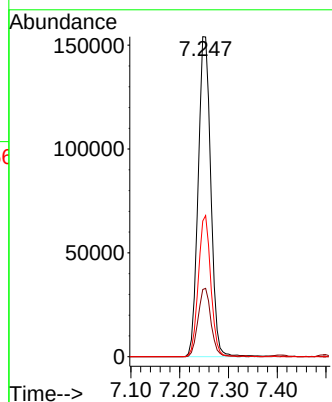
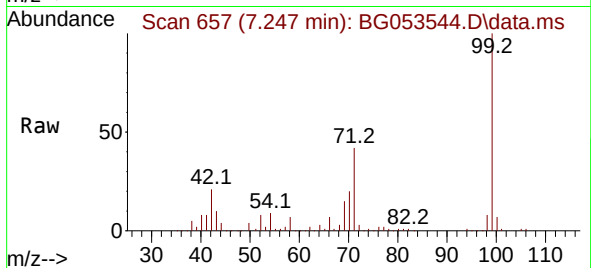




#7
Phenol-d6
Concen: 129.026 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

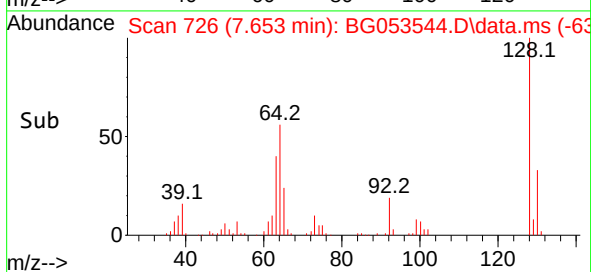
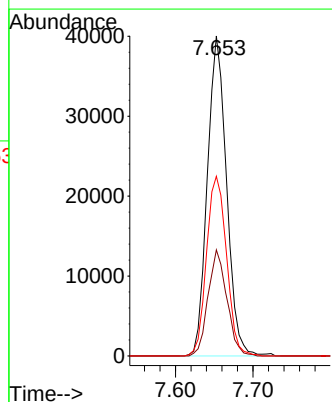
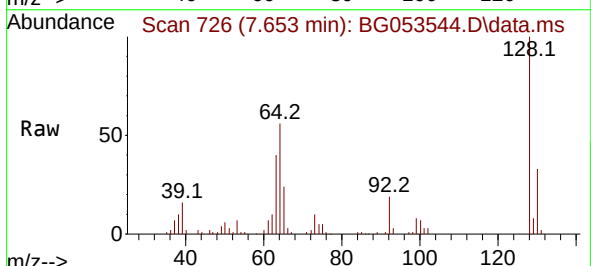
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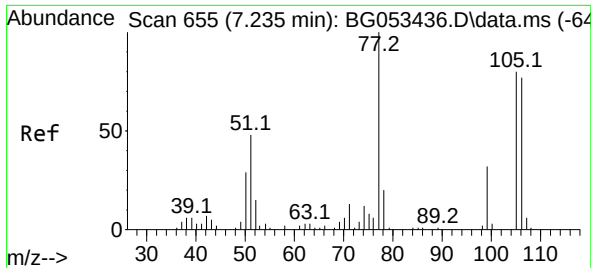
Tgt Ion: 99 Resp: 278576
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 42.4 33.8 50.8



#8
2-Chlorophenol
Concen: 46.454 ng
RT: 7.653 min Scan# 726
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion: 128 Resp: 69088
Ion Ratio Lower Upper
128 100
130 33.2 10.5 50.5
64 56.1 35.1 75.1

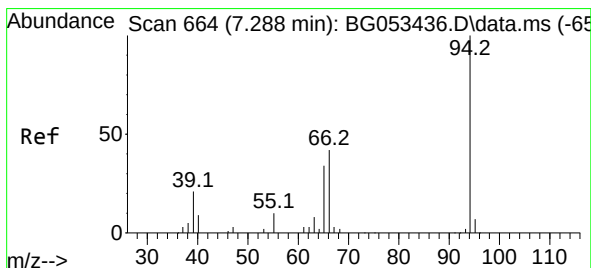
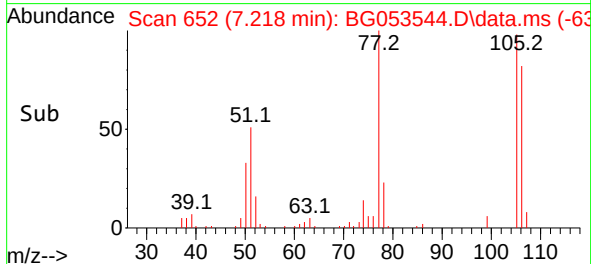
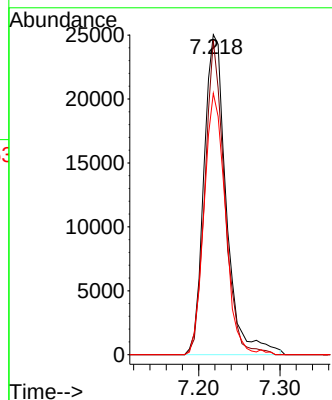
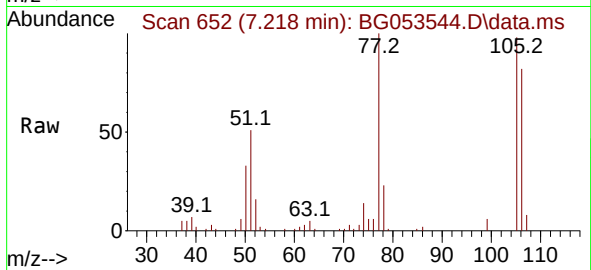




#9
Benzaldehyde
Concen: 34.874 ng
RT: 7.218 min Scan# 611
Delta R.T. -0.008 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

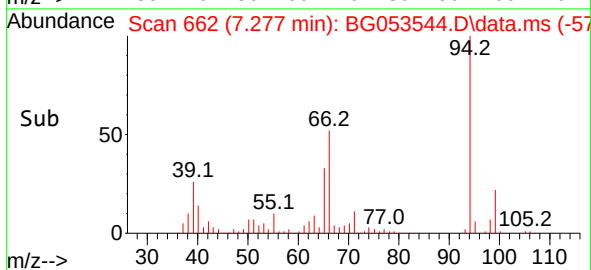
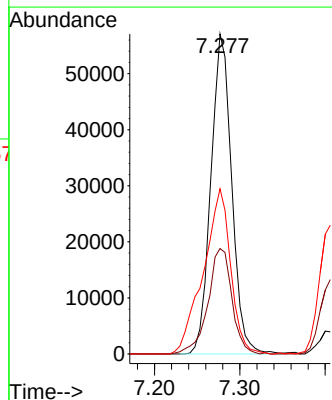
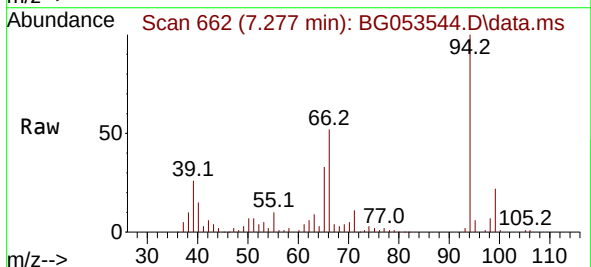
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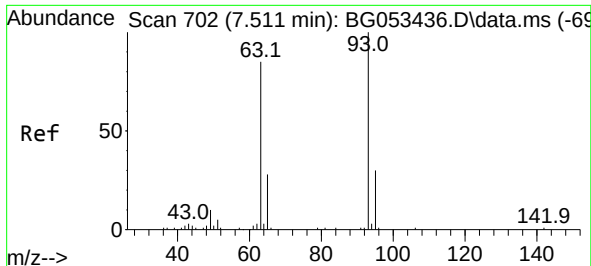
Tgt Ion: 77 Resp: 47834
Ion Ratio Lower Upper
77 100
105 98.2 59.6 99.6
106 81.7 56.8 96.8



#10
Phenol
Concen: 45.885 ng
RT: 7.277 min Scan# 662
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion: 94 Resp: 96892
Ion Ratio Lower Upper
94 100
65 32.9 14.8 54.8
66 51.6 25.2 65.2





#11

bis(2-Chloroethyl)ether

Concen: 42.078 ng

RT: 7.494 min Scan# 61

Delta R.T. -0.008 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

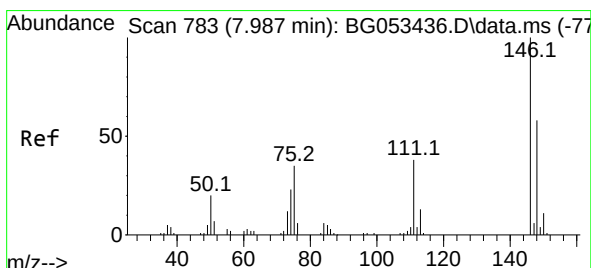
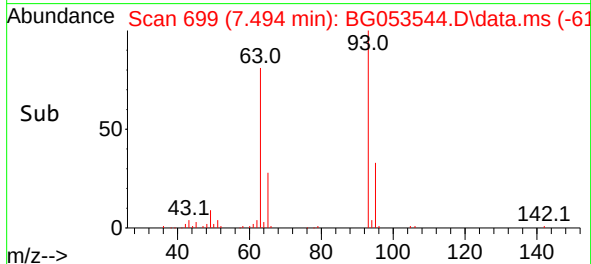
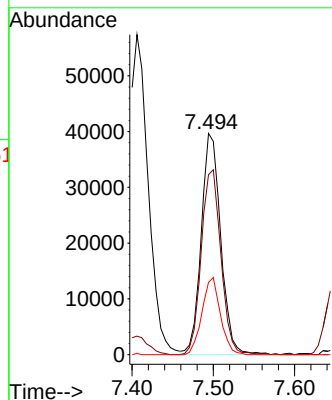
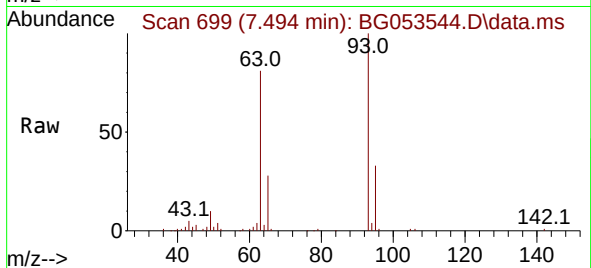
Tgt Ion: 93 Resp: 66268

Ion Ratio Lower Upper

93 100

63 81.4 63.6 103.6

95 32.7 10.1 50.1



#12

1,3-Dichlorobenzene

Concen: 40.980 ng

RT: 7.976 min Scan# 781

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

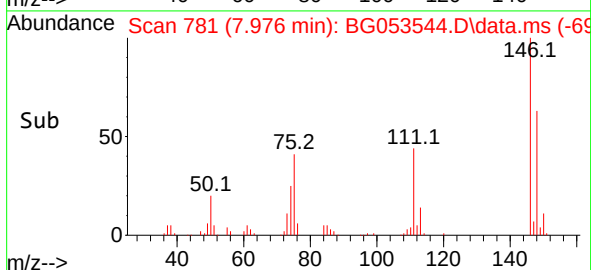
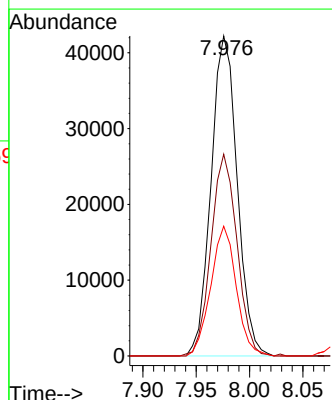
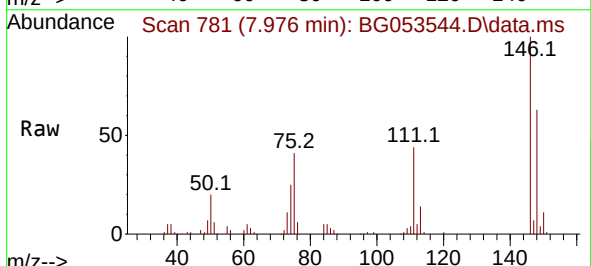
Tgt Ion: 146 Resp: 71900

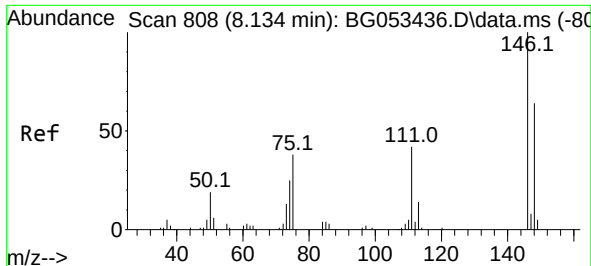
Ion Ratio Lower Upper

146 100

148 63.1 46.1 69.1

75 40.6 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 39.823 ng

RT: 8.117 min Scan# 80

Delta R.T. -0.008 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

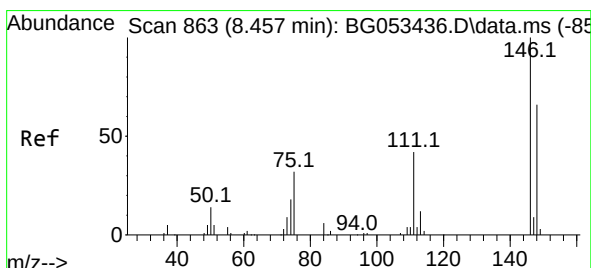
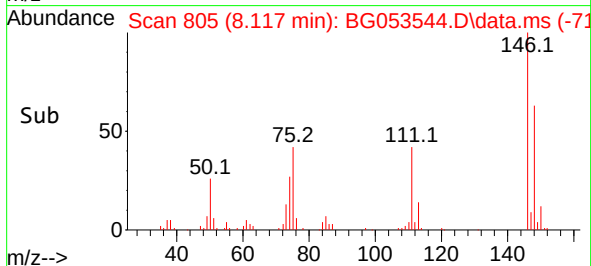
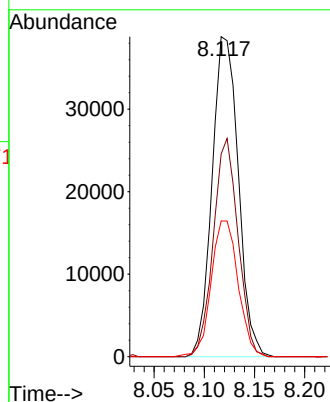
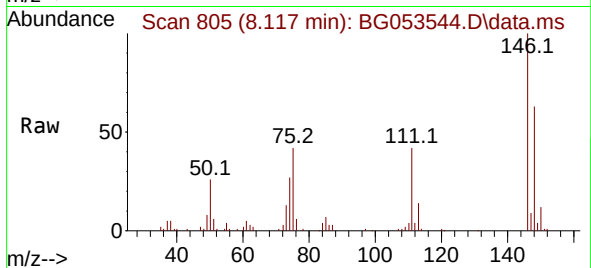
Tgt Ion:146 Resp: 70505

Ion Ratio Lower Upper

146 100

148 63.3 51.5 77.3

111 42.4 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 42.986 ng

RT: 8.440 min Scan# 860

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

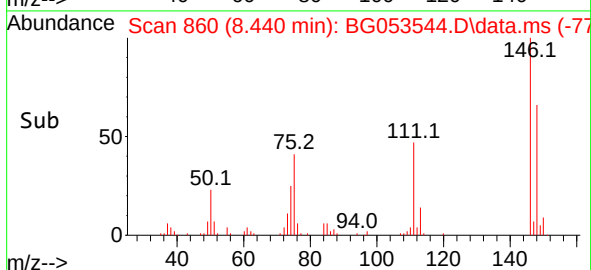
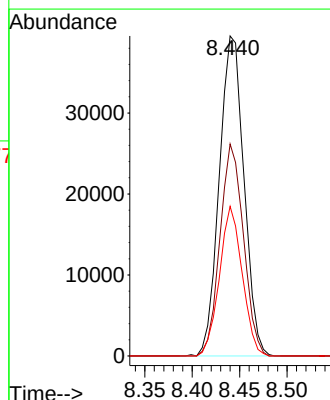
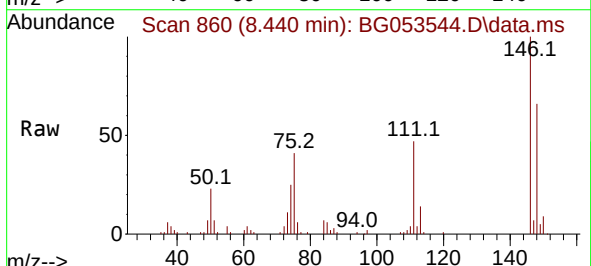
Tgt Ion:146 Resp: 71467

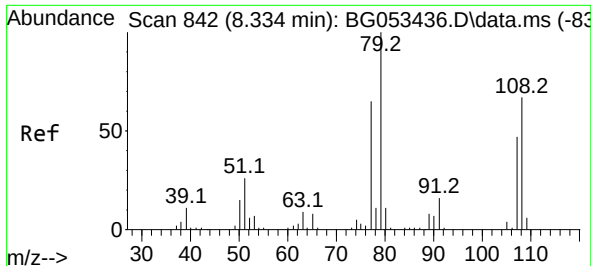
Ion Ratio Lower Upper

146 100

148 66.2 52.6 78.8

111 46.8 34.5 51.7

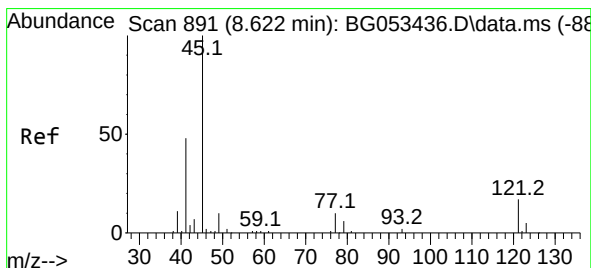
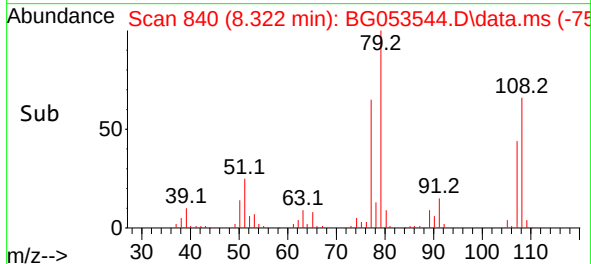
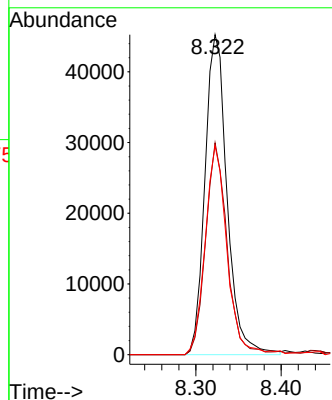
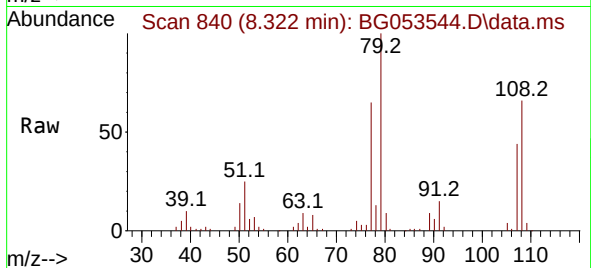




#15
Benzyl Alcohol
Concen: 45.149 ng
RT: 8.322 min Scan# 841
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

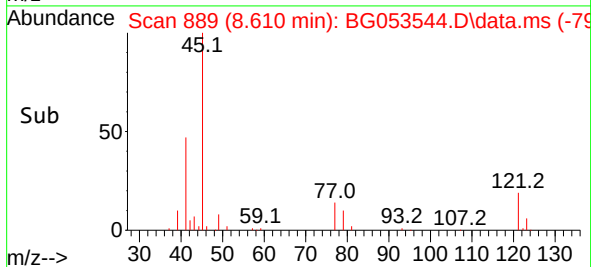
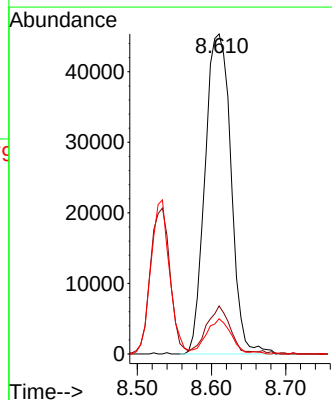
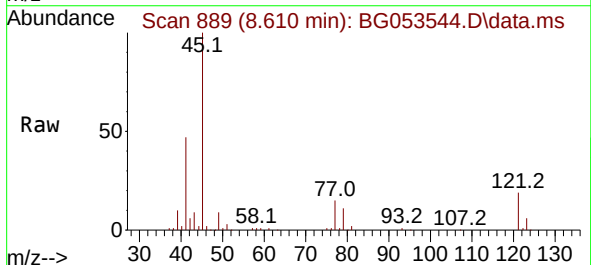
Instrument :
BNA_G
ClientSampleId :
PB144735BS

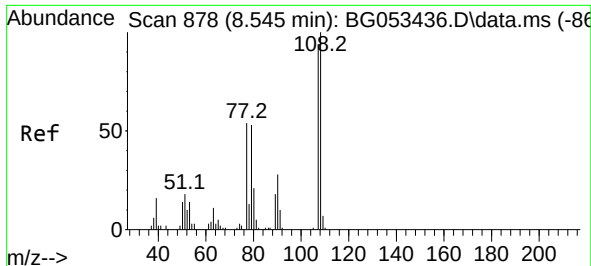
Tgt Ion: 79	Resp: 81497
Ion Ratio	Lower Upper
79	100
108	66.2 53.7 80.5
77	65.3 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.011 ng
RT: 8.610 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion: 45	Resp: 110244
Ion Ratio	Lower Upper
45	100
77	15.0 0.0 32.7
79	11.0 0.0 29.7

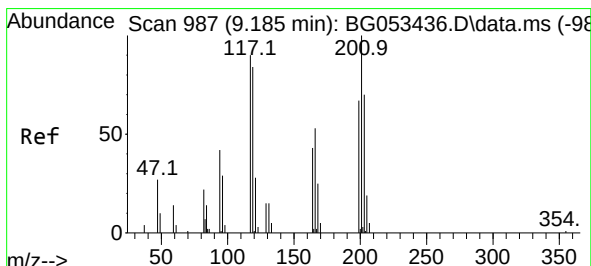
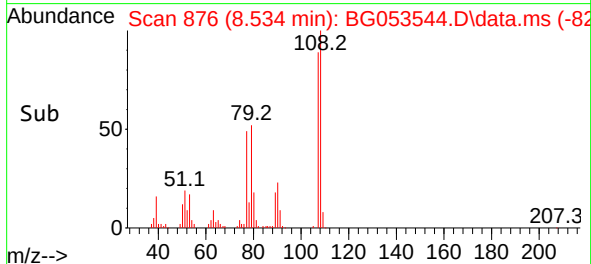
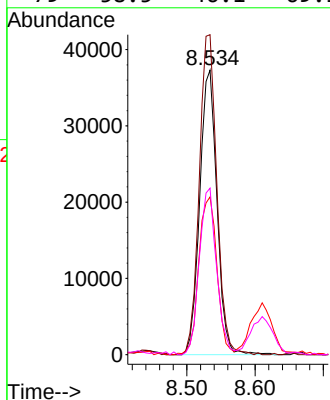
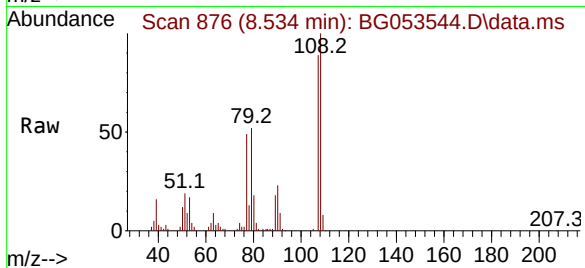




#17
2-Methylphenol
Concen: 46.004 ng
RT: 8.534 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

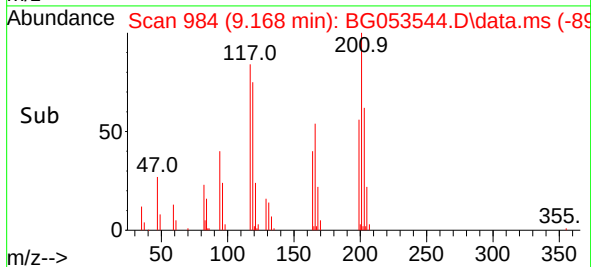
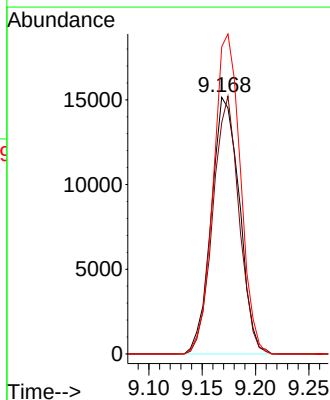
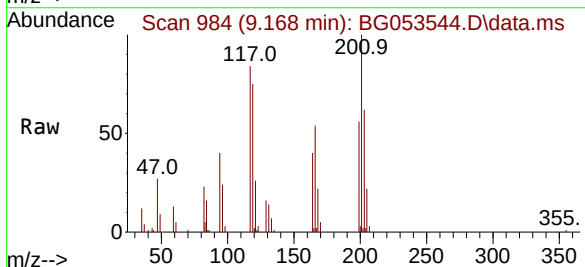
Instrument :
BNA_G
ClientSampleId :
PB144735BS

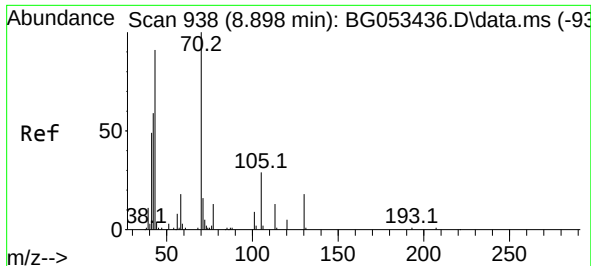
Tgt Ion:	107	Resp:	65659
Ion	Ratio	Lower	Upper
107	100		
108	112.5	85.4	128.0
77	55.5	46.2	69.2
79	58.5	46.1	69.1



#18
Hexachloroethane
Concen: 41.259 ng
RT: 9.168 min Scan# 984
Delta R.T. -0.008 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:	117	Resp:	27740
Ion	Ratio	Lower	Upper
117	100		
119	90.0	75.0	112.6
201	119.7	89.0	133.6

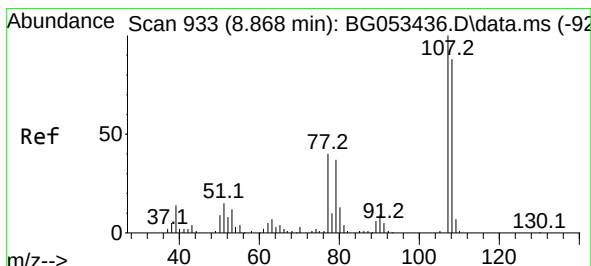
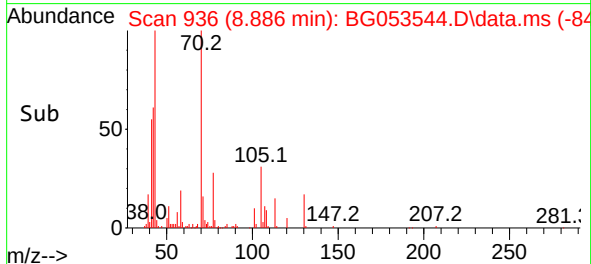
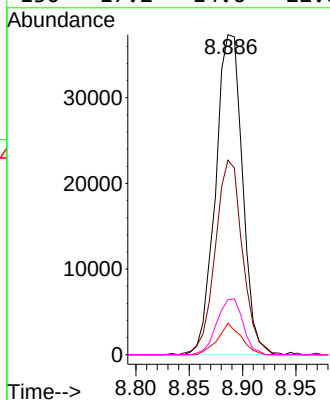
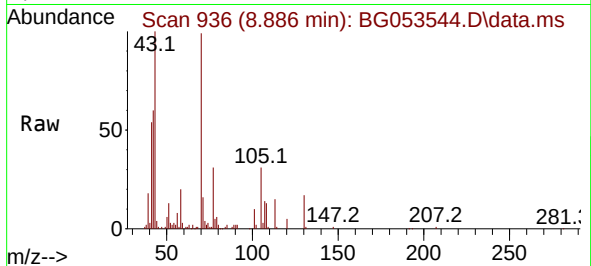




#19
n-Nitroso-di-n-propylamine
Concen: 42.320 ng
RT: 8.886 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

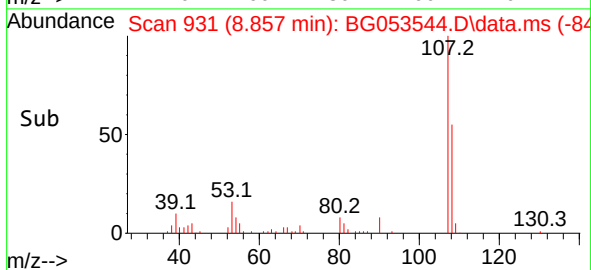
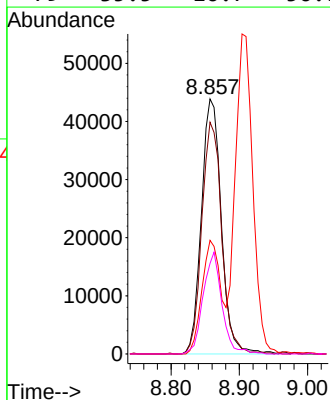
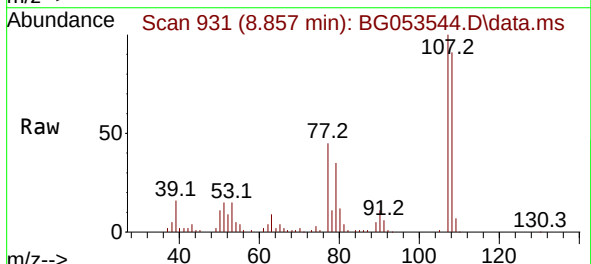
Instrument :
BNA_G
ClientSampleId :
PB144735BS

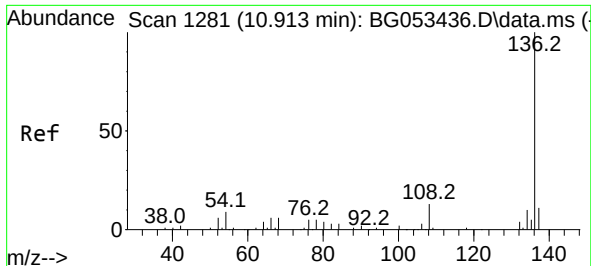
Tgt Ion:	70	Resp:	65559
Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.3	70.9
101	9.8	7.0	10.4
130	17.2	14.6	22.0



#20
3+4-Methylphenols
Concen: 44.129 ng
RT: 8.857 min Scan# 931
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:	107	Resp:	88952
Ion	Ratio	Lower	Upper
107	100		
108	90.8	67.5	107.5
77	44.5	20.3	60.3
79	35.5	16.7	56.7





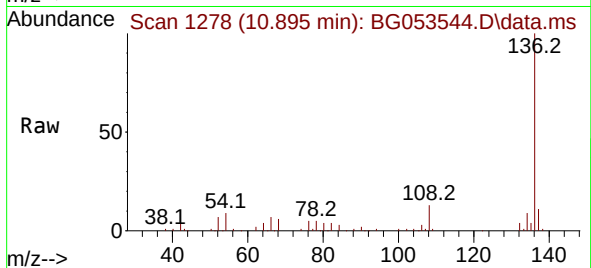
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.895 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Instrument :

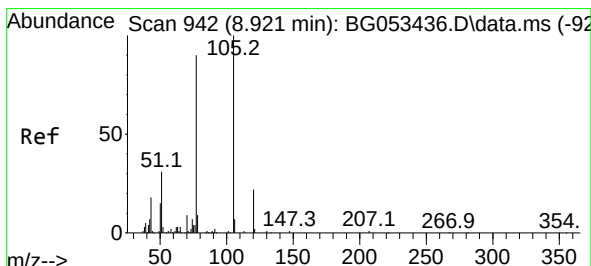
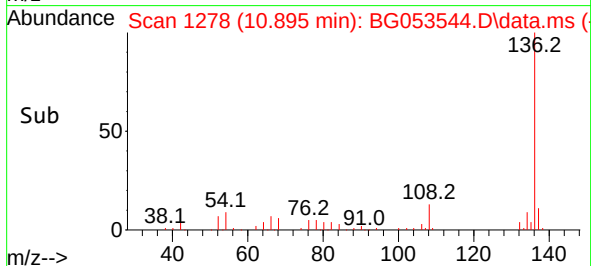
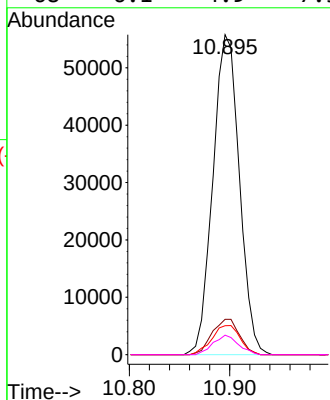
BNA_G

ClientSampleId :

PB144735BS

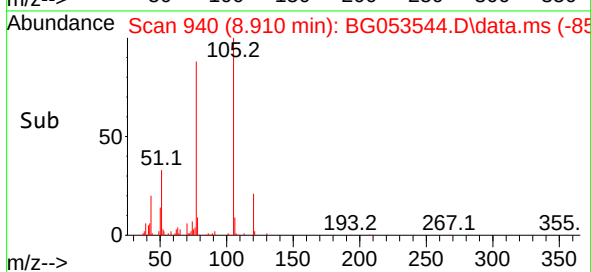
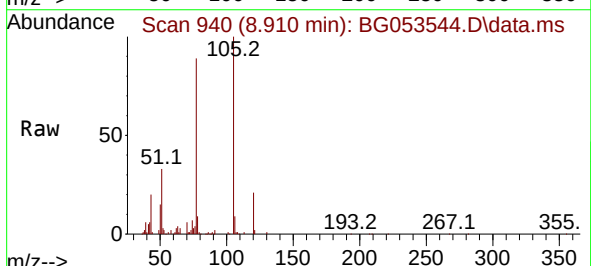
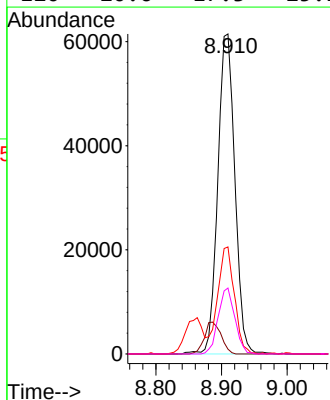


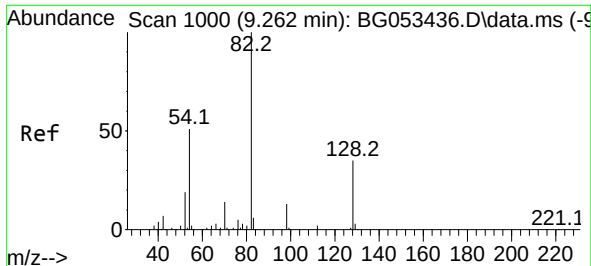
Tgt Ion:136 Resp: 102158
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.1 7.4 11.2
68 6.1 4.9 7.3



#22
Acetophenone
Concen: 39.651 ng
RT: 8.910 min Scan# 940
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:105 Resp: 110861
Ion Ratio Lower Upper
105 100
71 1.5 1.1 1.7
51 33.4 25.4 38.0
120 20.6 17.3 25.9

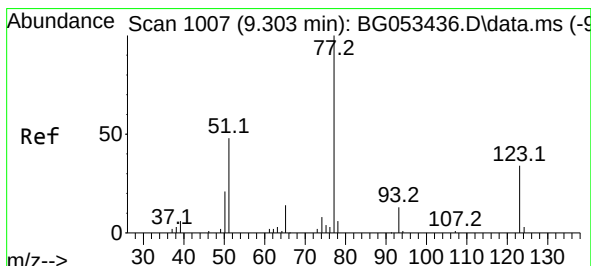
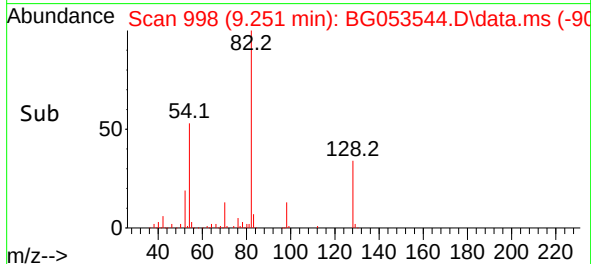
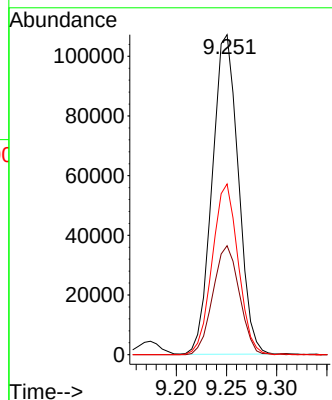
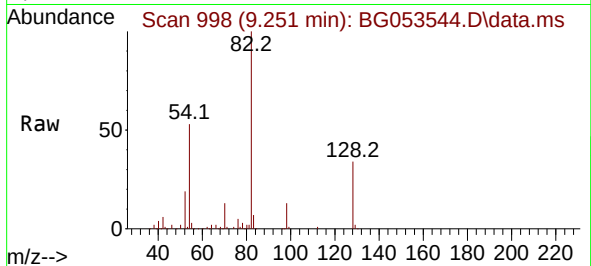




#23
Nitrobenzene-d5
Concen: 80.626 ng
RT: 9.251 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

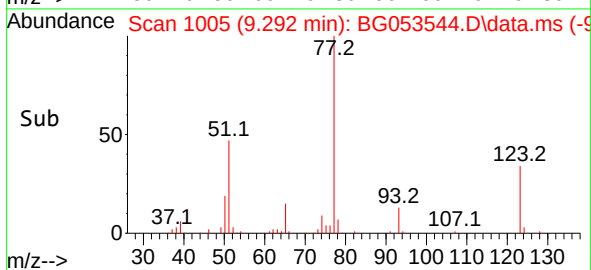
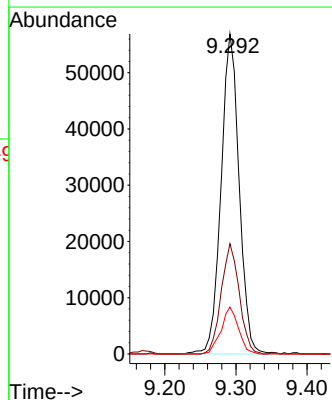
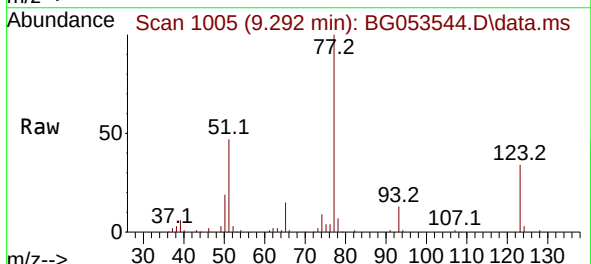
Instrument :
BNA_G
ClientSampleId :
PB144735BS

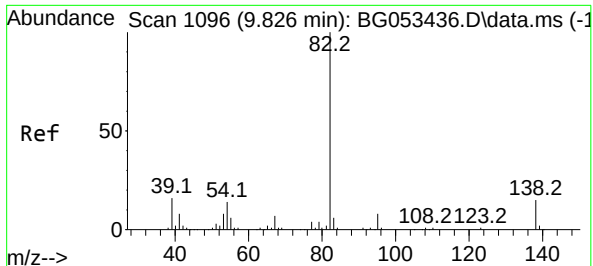
Tgt Ion: 82 Resp: 193491
Ion Ratio Lower Upper
82 100
128 34.0 27.9 41.9
54 53.3 41.2 61.8



#24
Nitrobenzene
Concen: 43.072 ng
RT: 9.292 min Scan# 1005
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion: 77 Resp: 100045
Ion Ratio Lower Upper
77 100
123 34.4 27.4 41.0
65 14.6 11.4 17.0

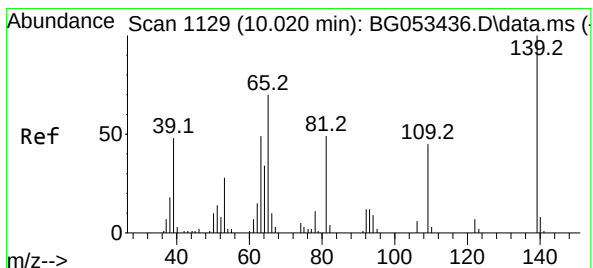
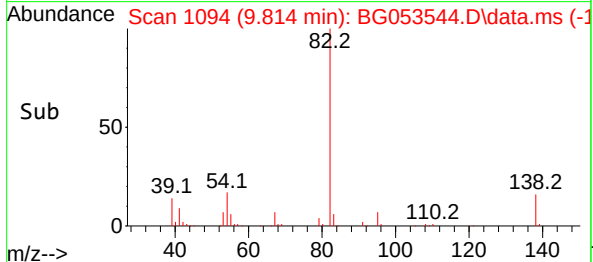
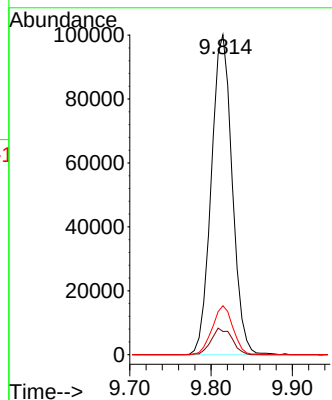
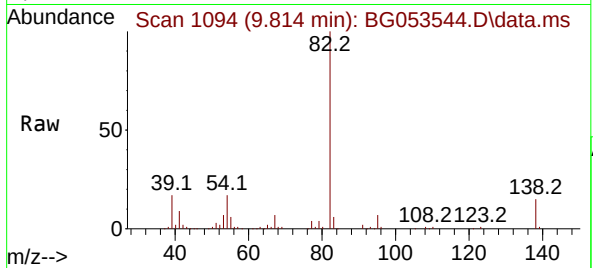




#25
Isophorone
Concen: 44.263 ng
RT: 9.814 min Scan# 1096
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

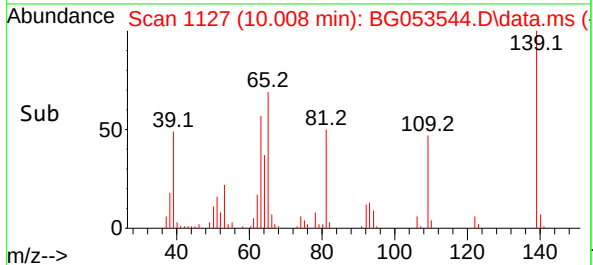
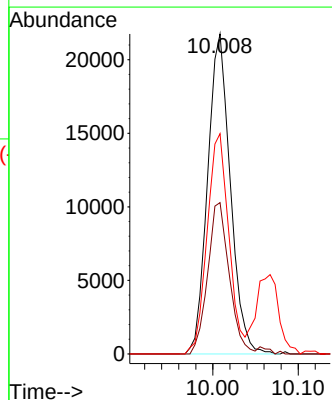
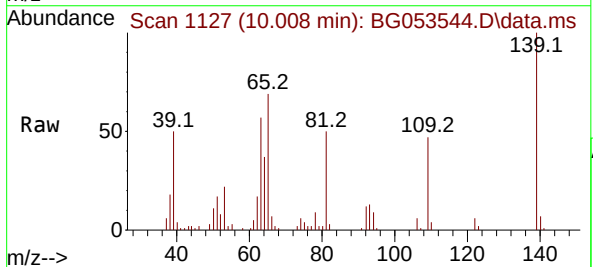
Instrument :
BNA_G
ClientSampleId :
PB144735BS

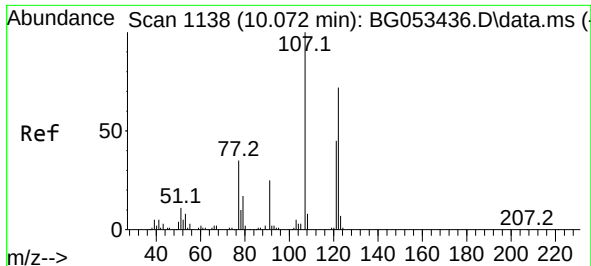
Tgt Ion: 82 Resp: 178773
Ion Ratio Lower Upper
82 100
95 7.3 6.2 9.4
138 15.3 11.6 17.4



#26
2-Nitrophenol
Concen: 42.723 ng
RT: 10.008 min Scan# 1127
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion: 139 Resp: 40192
Ion Ratio Lower Upper
139 100
109 47.3 36.1 54.1
65 68.8 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 49.809 ng

RT: 10.061 min Scan# 1136

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

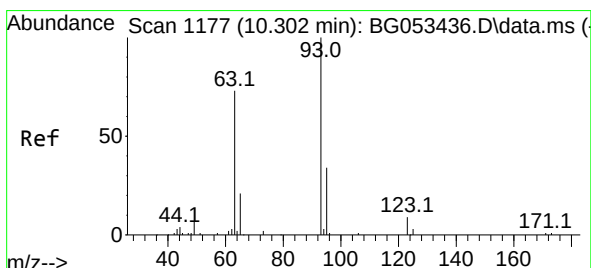
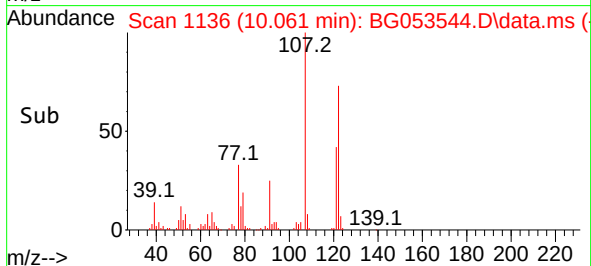
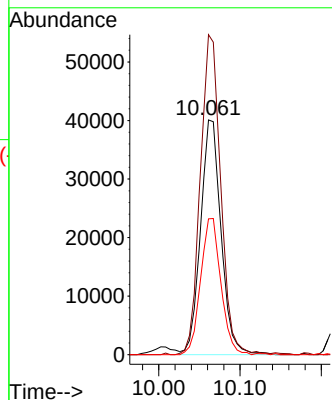
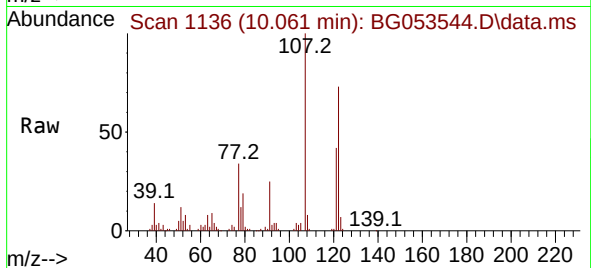
Tgt Ion:122 Resp: 70519

Ion Ratio Lower Upper

122 100

107 136.3 109.4 164.0

121 57.9 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.809 ng

RT: 10.290 min Scan# 1175

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

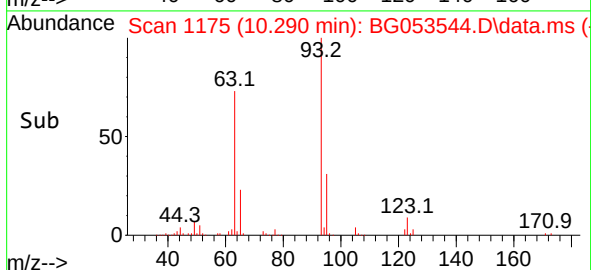
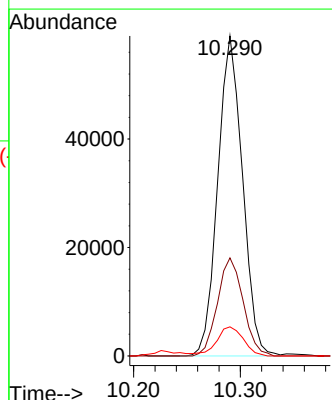
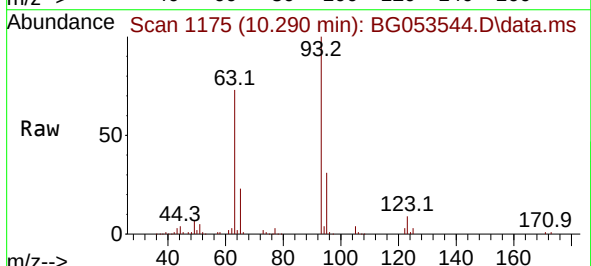
Tgt Ion: 93 Resp: 94795

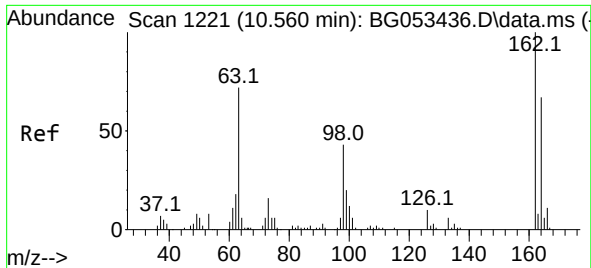
Ion Ratio Lower Upper

93 100

95 30.7 26.9 40.3

123 9.1 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 44.929 ng

RT: 10.549 min Scan# 1219

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

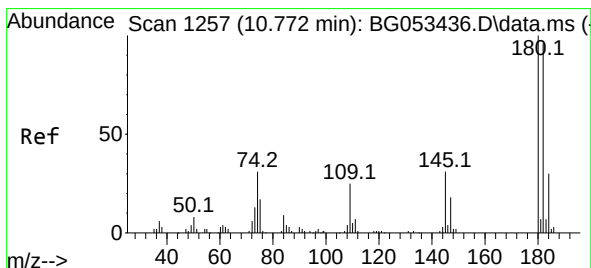
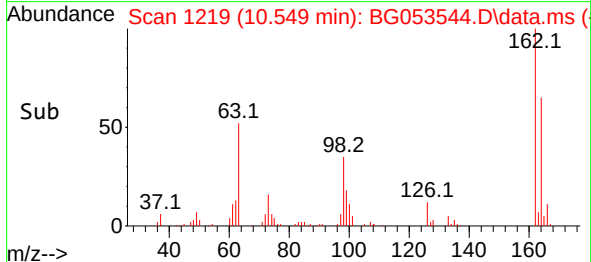
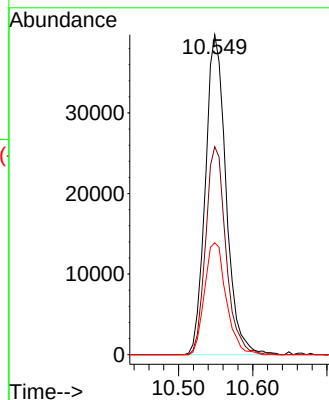
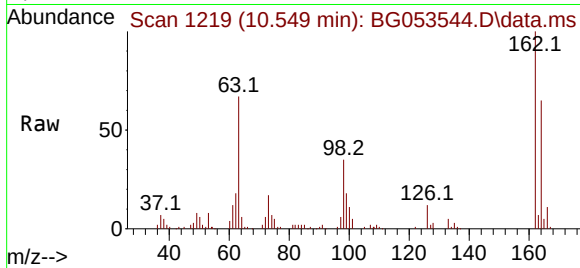
Tgt Ion:162 Resp: 76770

Ion Ratio Lower Upper

162 100

164 65.0 46.6 86.6

98 35.0 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 40.127 ng

RT: 10.760 min Scan# 1255

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

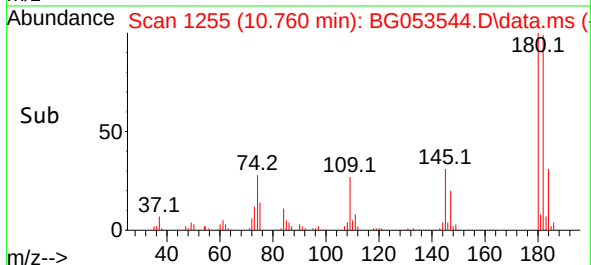
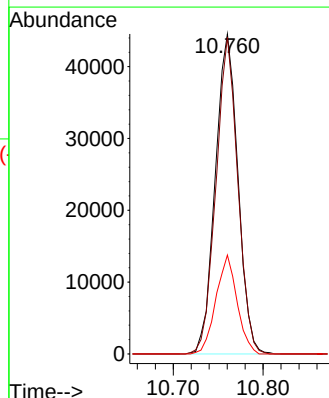
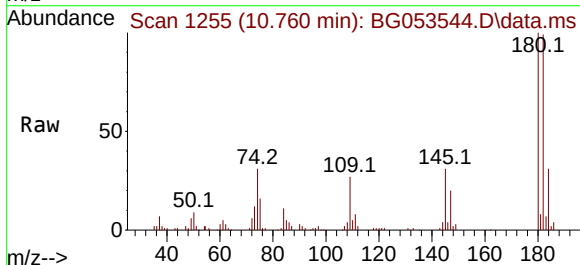
Tgt Ion:180 Resp: 77903

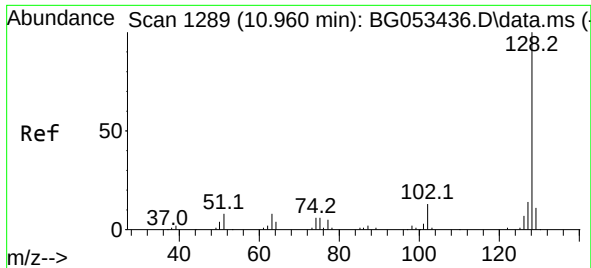
Ion Ratio Lower Upper

180 100

182 99.1 76.6 115.0

145 30.9 25.0 37.4

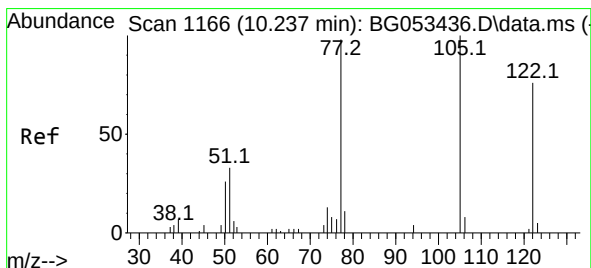
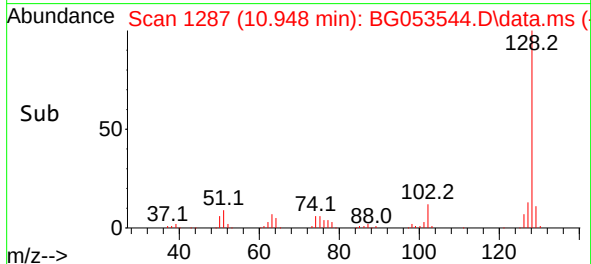
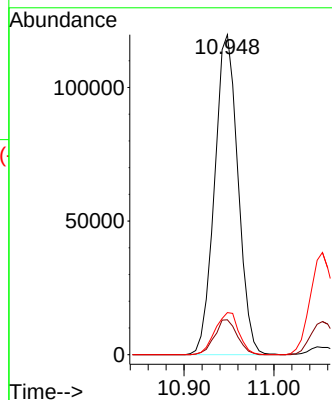
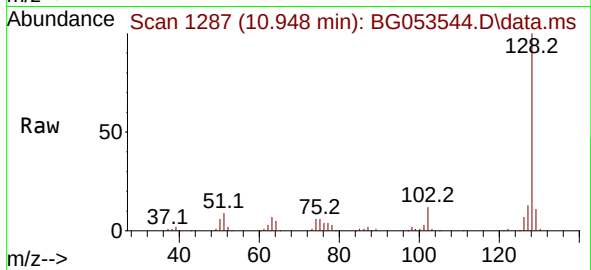




#31
Naphthalene
Concen: 41.606 ng
RT: 10.948 min Scan# 1165
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

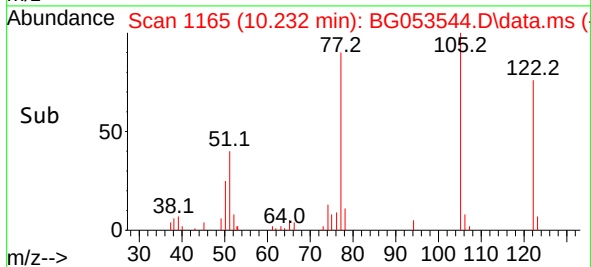
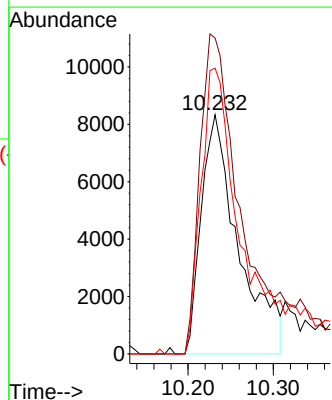
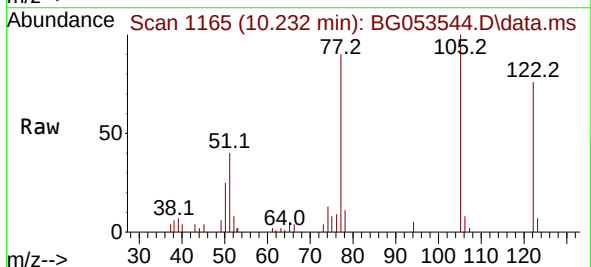
Instrument :
BNA_G
ClientSampleId :
PB144735BS

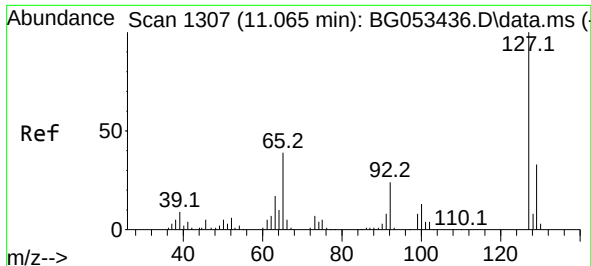
Tgt Ion:128 Resp: 216204
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.2 11.1 16.7



#32
Benzoic acid
Concen: 32.014 ng
RT: 10.232 min Scan# 1165
Delta R.T. -0.008 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:122 Resp: 25294
Ion Ratio Lower Upper
122 100
105 132.1 111.8 151.8
77 119.5 109.4 149.4

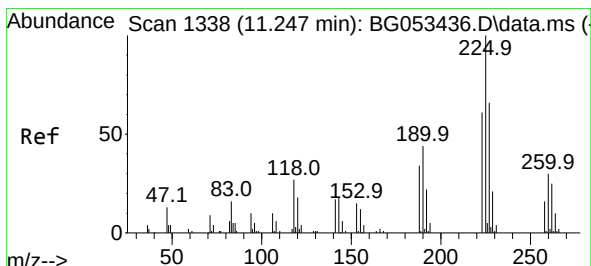
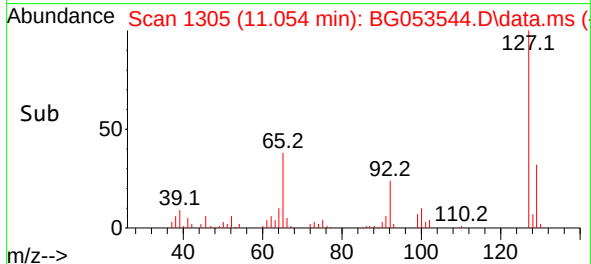
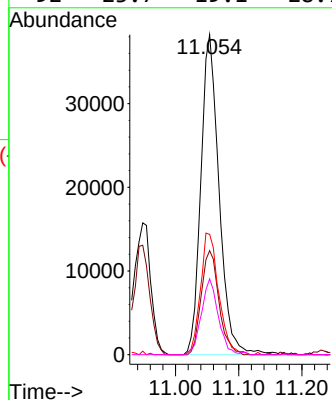
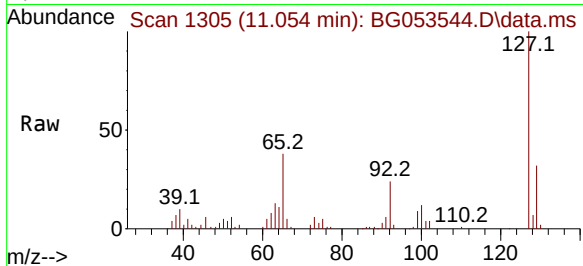




#33
4-Chloroaniline
Concen: 35.233 ng
RT: 11.054 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

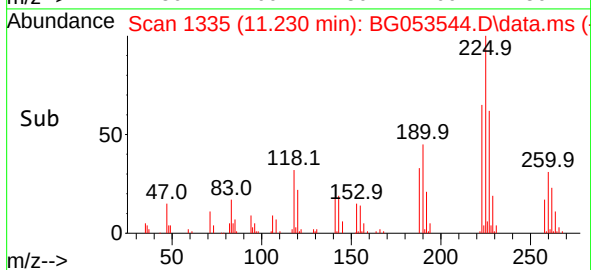
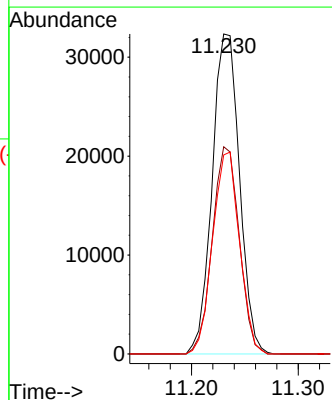
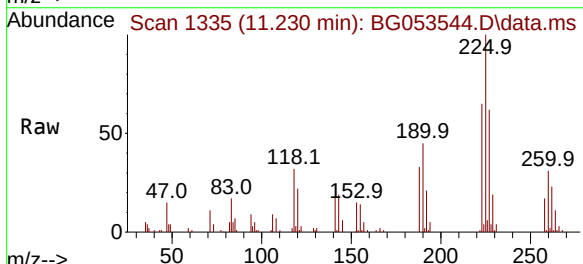
Instrument :
BNA_G
ClientSampleId :
PB144735BS

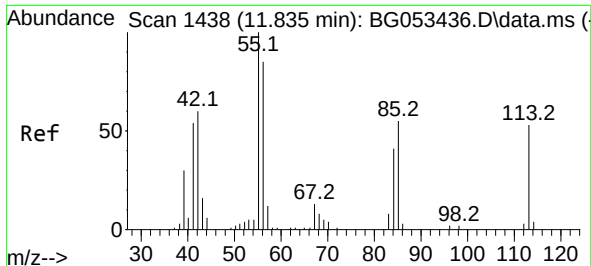
Tgt Ion:127	Resp:	76677
Ion	Ratio	Lower Upper
127	100	
129	32.5	26.3 39.5
65	37.6	31.1 46.7
92	23.7	19.1 28.7



#34
Hexachlorobutadiene
Concen: 39.985 ng
RT: 11.230 min Scan# 1335
Delta R.T. -0.008 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:225	Resp:	57563
Ion	Ratio	Lower Upper
225	100	
223	64.7	48.9 73.3
227	62.2	52.8 79.2

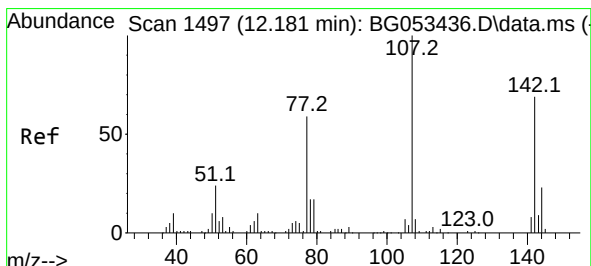
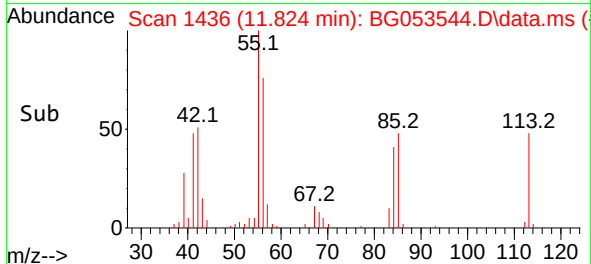
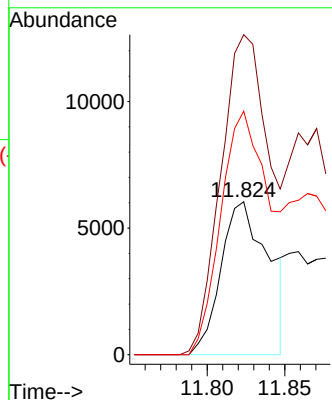
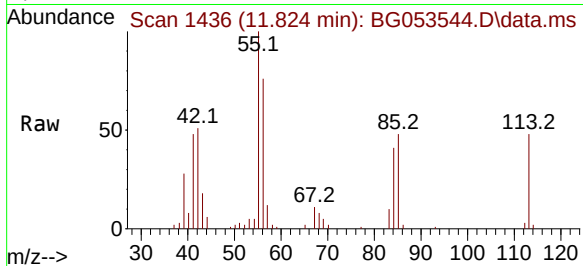




#35
 Caprolactam
 Concen: 20.747 ng
 RT: 11.824 min Scan# 1438
 Delta R.T. -0.008 min
 Lab File: BG053544.D
 Acq: 13 May 2022 15:43

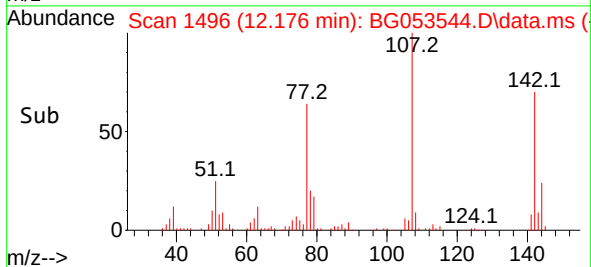
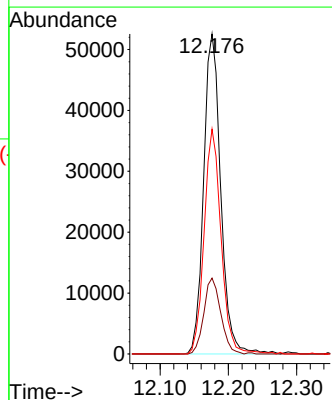
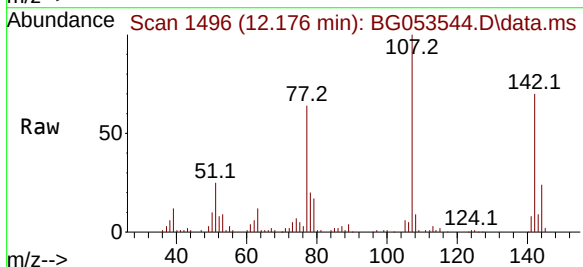
Instrument :
 BNA_G
 ClientSampleId :
 PB144735BS

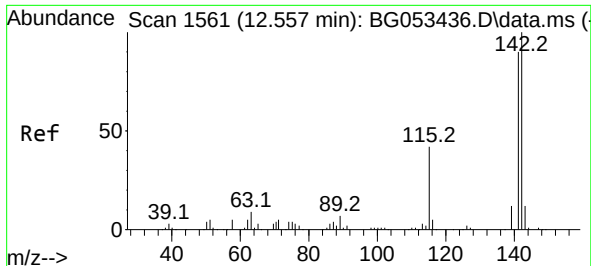
Tgt Ion:113 Resp: 12883
 Ion Ratio Lower Upper
 113 100
 55 209.3 169.8 209.8
 56 159.2 141.2 181.2



#36
 4-Chloro-3-methylphenol
 Concen: 44.853 ng
 RT: 12.176 min Scan# 1496
 Delta R.T. -0.002 min
 Lab File: BG053544.D
 Acq: 13 May 2022 15:43

Tgt Ion:107 Resp: 91675
 Ion Ratio Lower Upper
 107 100
 144 23.7 18.5 27.7
 142 70.3 55.0 82.4





#37

2-Methylnaphthalene

Concen: 40.621 ng

RT: 12.546 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

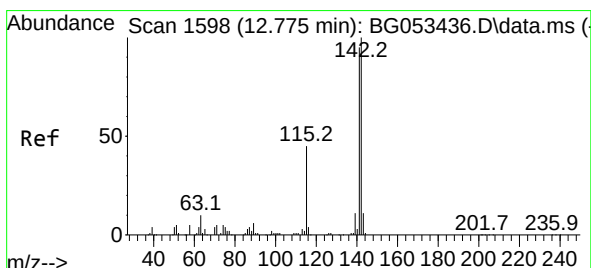
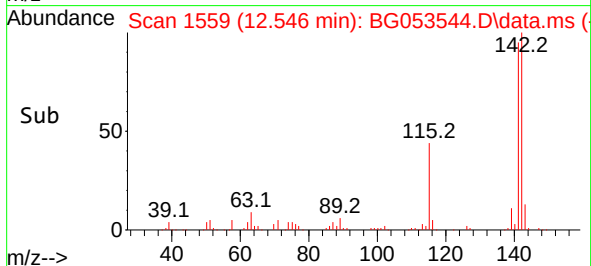
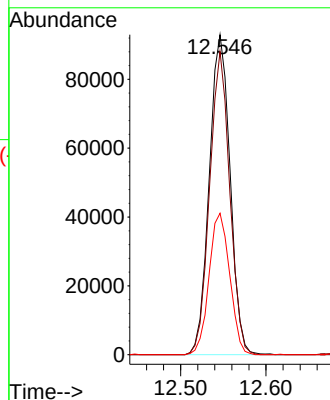
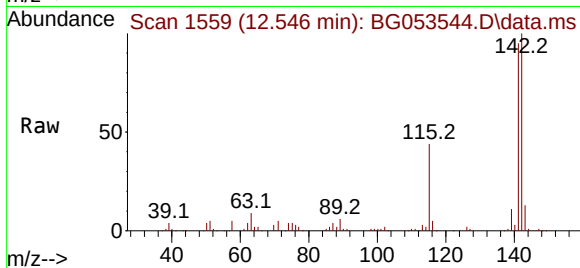
Tgt Ion:142 Resp: 157532

Ion Ratio Lower Upper

142 100

141 94.8 72.3 108.5

115 44.2 33.7 50.5



#38

1-Methylnaphthalene

Concen: 41.635 ng

RT: 12.546 min Scan# 1559

Delta R.T. -0.219 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

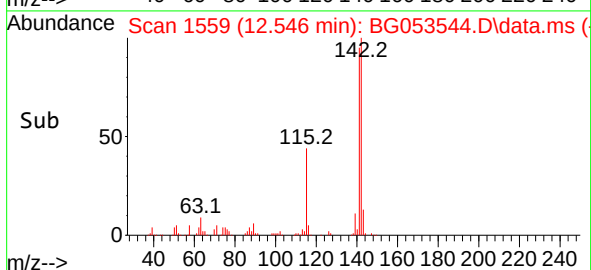
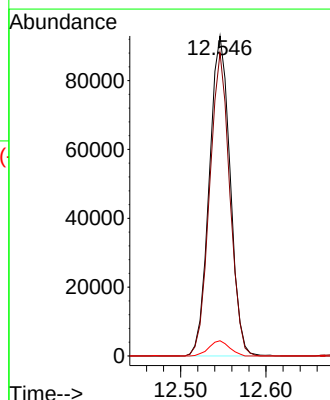
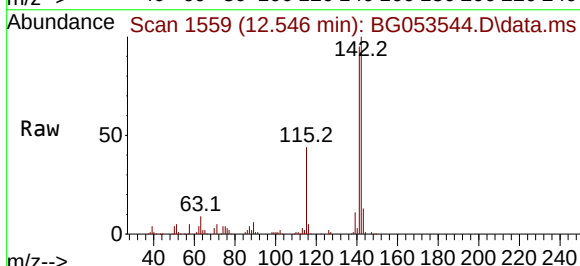
Tgt Ion:142 Resp: 157532

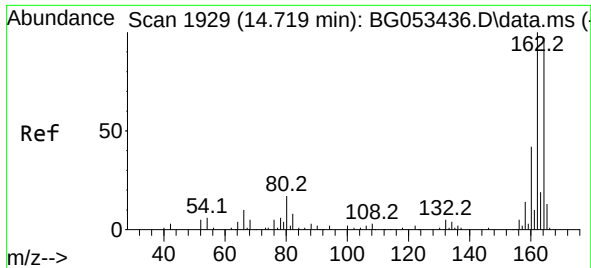
Ion Ratio Lower Upper

142 100

141 94.8 76.4 114.6

116 4.7 3.3 4.9

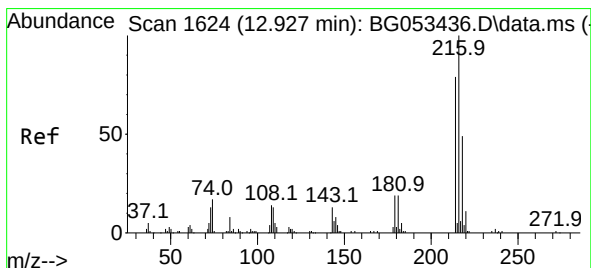
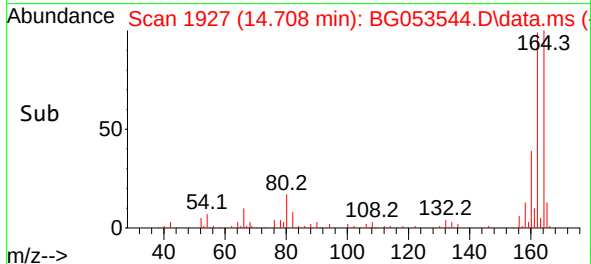
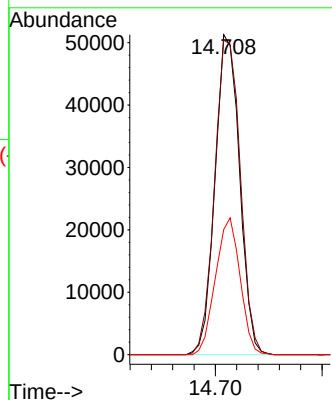
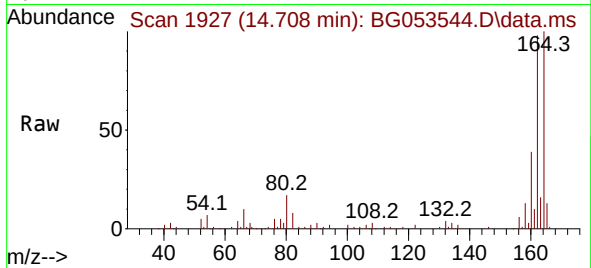




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1929
Delta R.T. -0.008 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

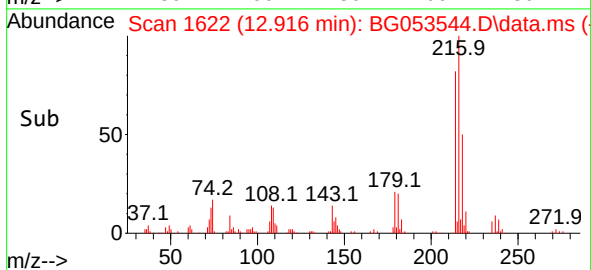
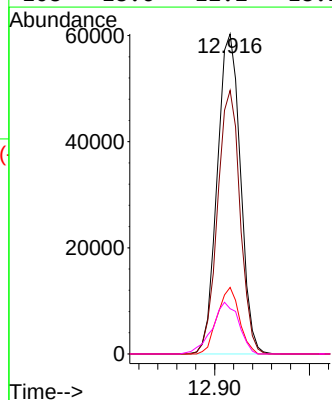
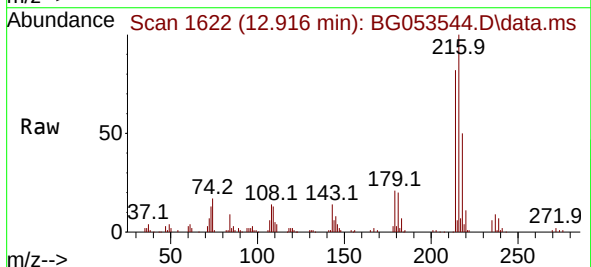
Instrument :
BNA_G
ClientSampleId :
PB144735BS

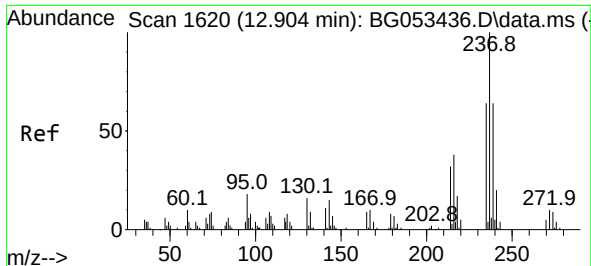
Tgt Ion:164 Resp: 81633
Ion Ratio Lower Upper
164 100
162 98.3 82.3 123.5
160 39.1 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.764 ng
RT: 12.916 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:216 Resp: 102321
Ion Ratio Lower Upper
216 100
214 80.2 62.9 94.3
179 19.7 16.1 24.1
108 18.6 12.2 18.2#

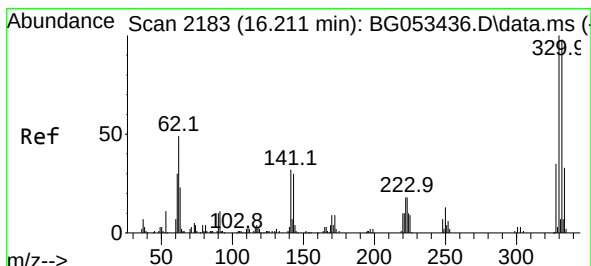
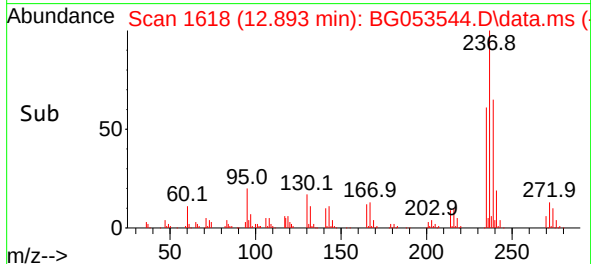
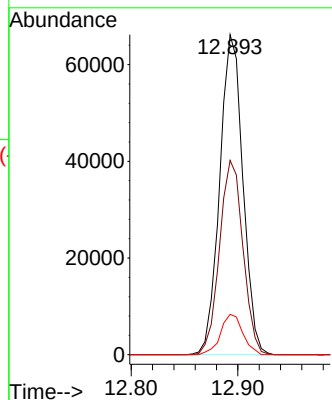
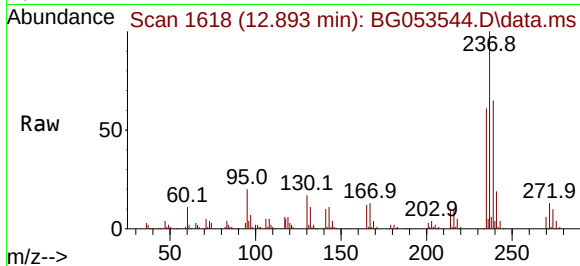




#41
Hexachlorocyclopentadiene
Concen: 93.508 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

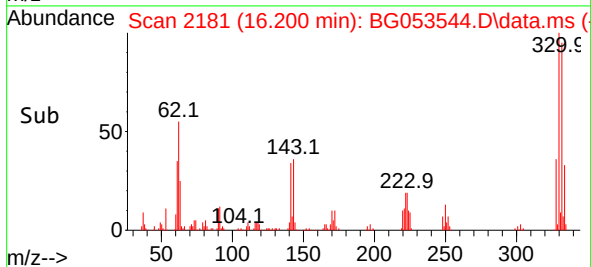
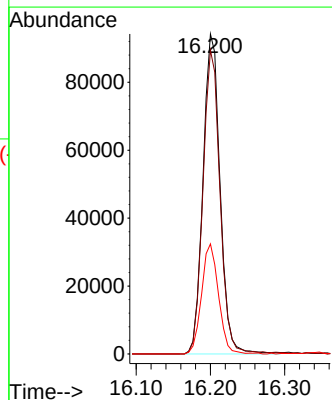
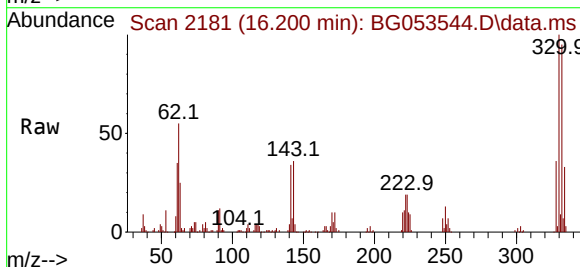
Instrument :
BNA_G
ClientSampleId :
PB144735BS

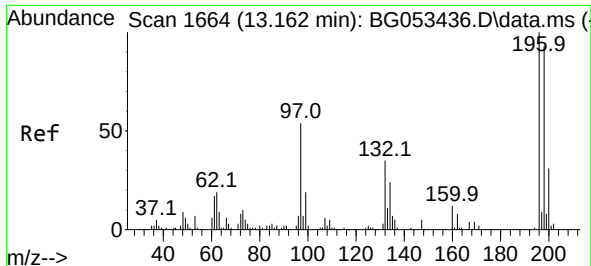
Tgt Ion:237 Resp: 99765
Ion Ratio Lower Upper
237 100
235 60.7 43.5 83.5
272 12.6 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 125.017 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:330 Resp: 150519
Ion Ratio Lower Upper
330 100
332 94.7 76.0 114.0
141 34.2 27.1 40.7

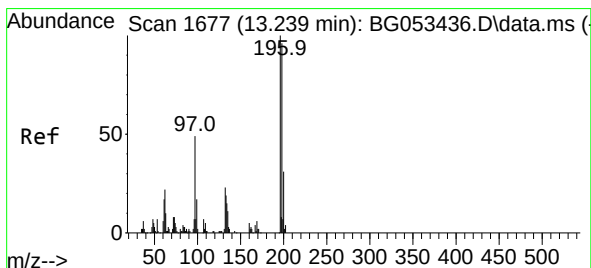
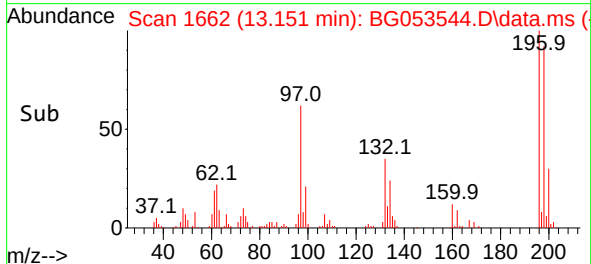
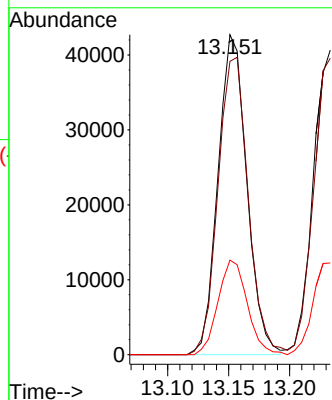
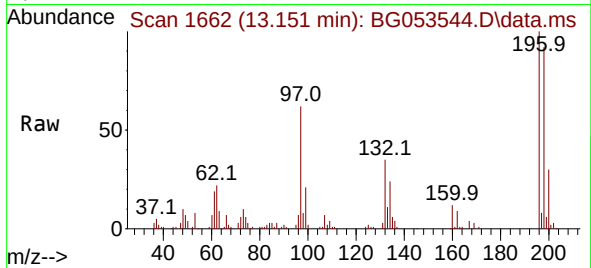




#43
2,4,6-Trichlorophenol
Concen: 41.818 ng
RT: 13.151 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

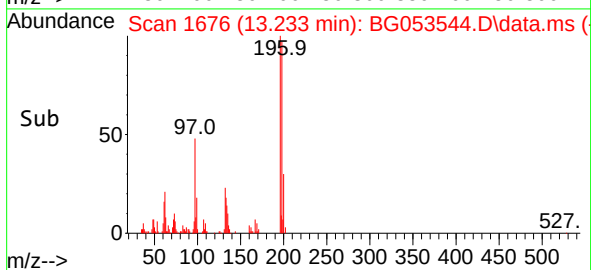
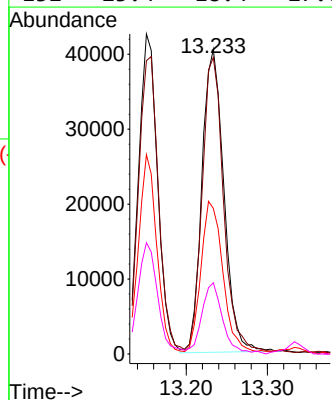
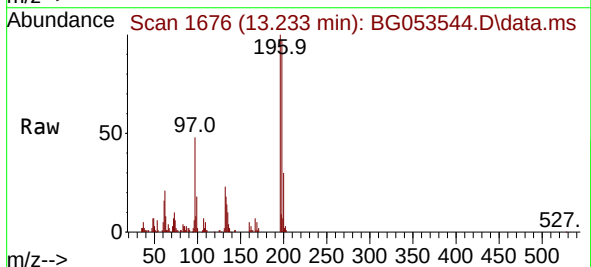
Instrument :
BNA_G
ClientSampleId :
PB144735BS

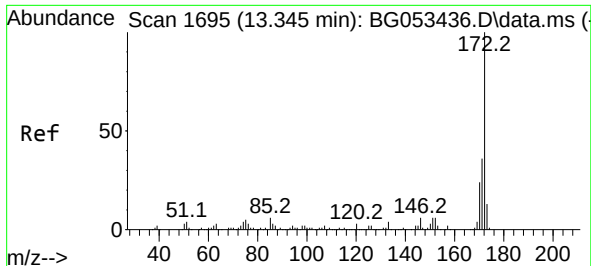
Tgt Ion:196 Resp: 70240
Ion Ratio Lower Upper
196 100
198 91.6 74.1 111.1
200 29.6 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 42.351 ng
RT: 13.233 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:196 Resp: 75708
Ion Ratio Lower Upper
196 100
198 97.3 76.8 115.2
97 47.8 39.8 59.6
132 23.4 18.4 27.6

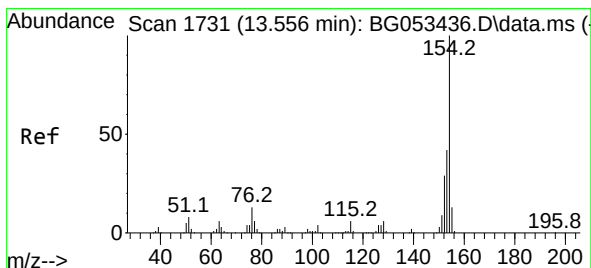
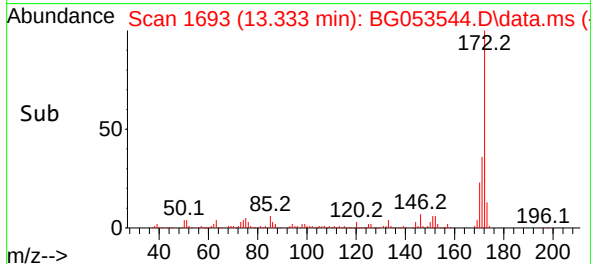
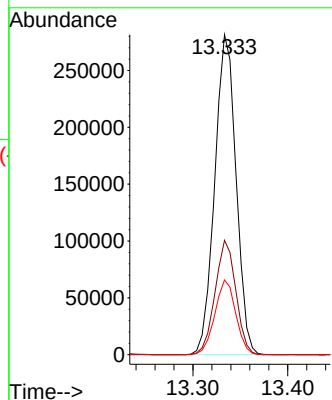
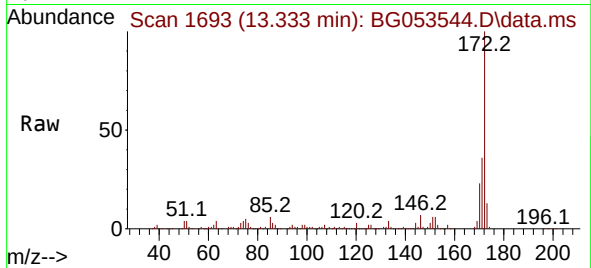




#45
2-Fluorobiphenyl
Concen: 78.805 ng
RT: 13.333 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

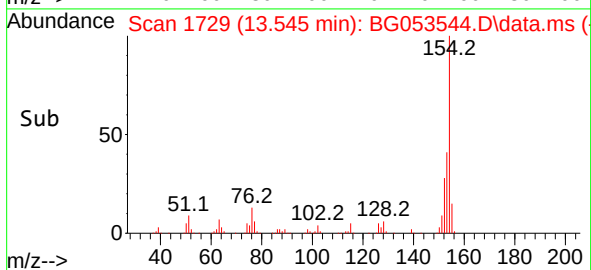
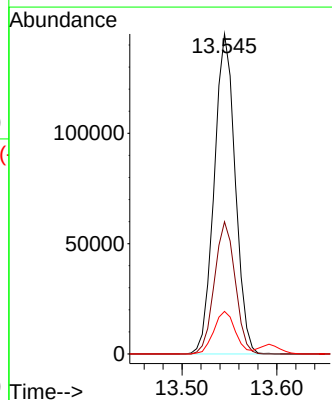
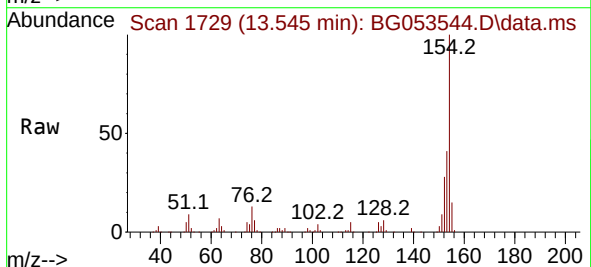
Instrument :
BNA_G
ClientSampleId :
PB144735BS

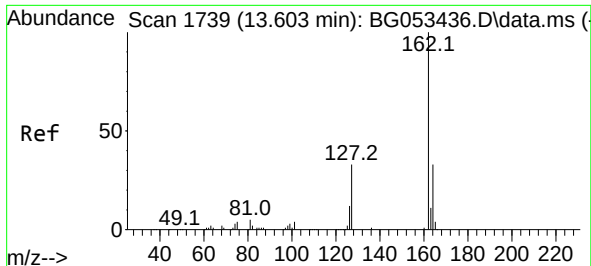
Tgt Ion:172 Resp: 440239
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.114 ng
RT: 13.545 min Scan# 1729
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:154 Resp: 223209
Ion Ratio Lower Upper
154 100
153 41.3 21.6 61.6
76 13.3 0.0 32.6





#47

2-Chloronaphthalene

Concen: 40.209 ng

RT: 13.592 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

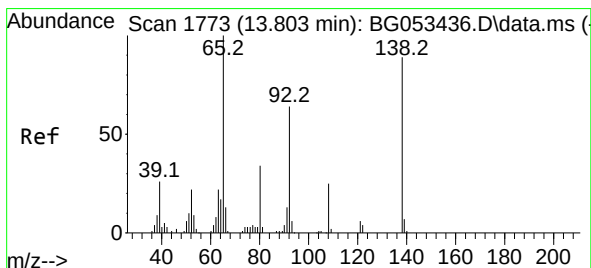
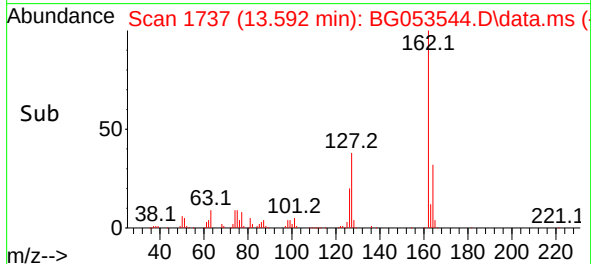
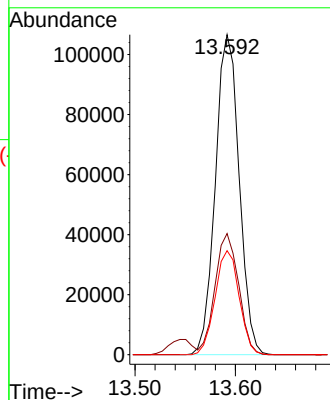
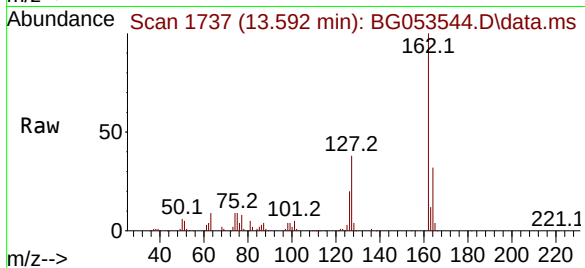
Tgt Ion:162 Resp: 175295

Ion Ratio Lower Upper

162 100

127 37.9 30.6 45.8

164 32.5 26.5 39.7



#48

2-Nitroaniline

Concen: 44.024 ng

RT: 13.791 min Scan# 1771

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

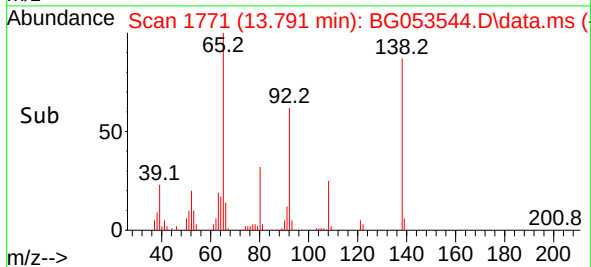
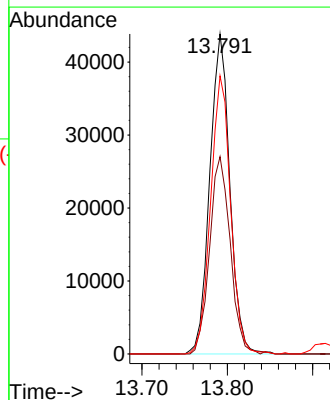
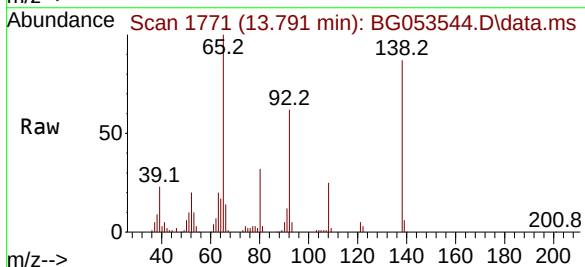
Tgt Ion: 65 Resp: 71515

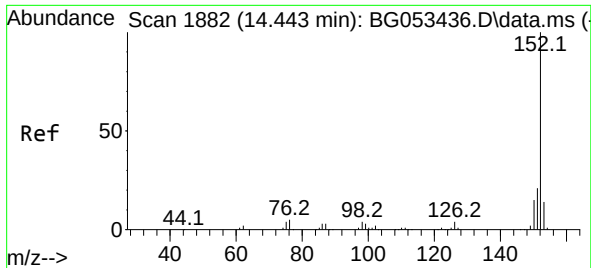
Ion Ratio Lower Upper

65 100

92 61.7 51.5 77.3

138 86.9 71.3 106.9

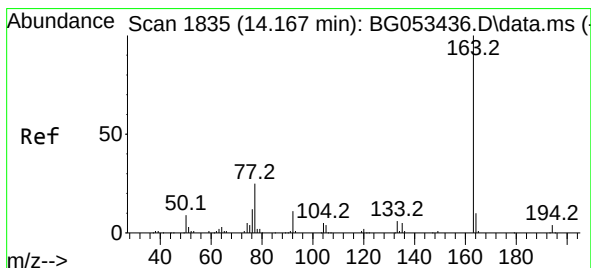
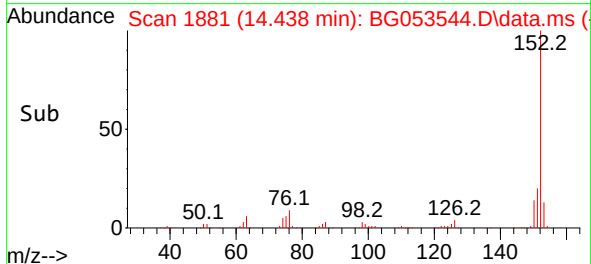
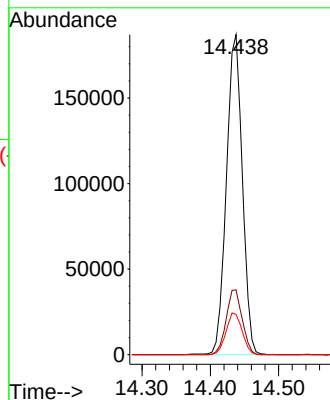
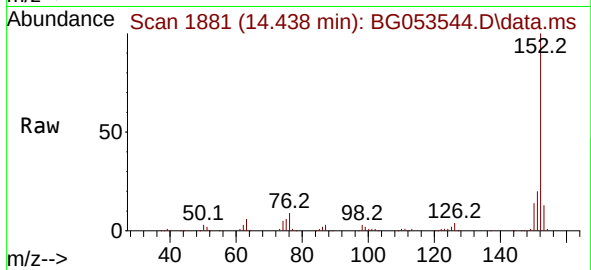




#49
Acenaphthylene
Concen: 43.661 ng
RT: 14.438 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

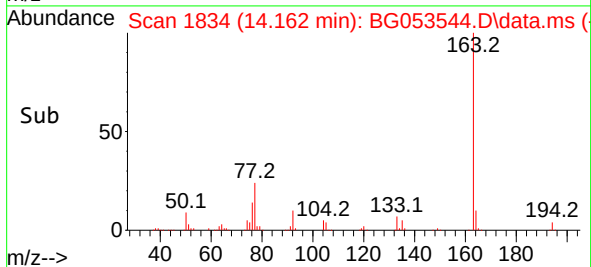
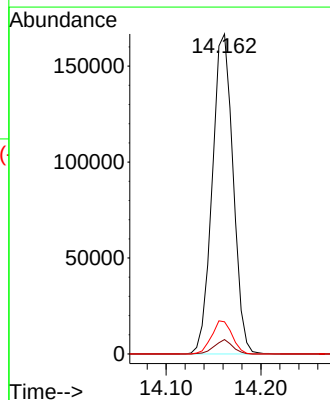
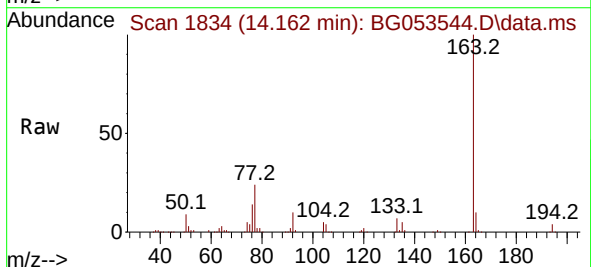
Instrument :
BNA_G
ClientSampleId :
PB144735BS

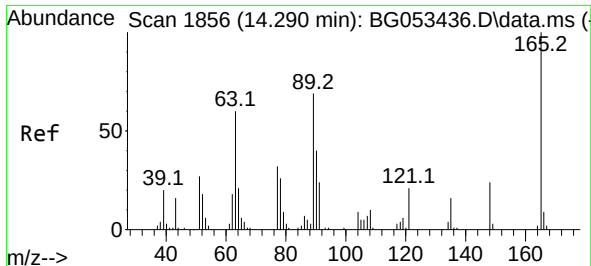
Tgt Ion:152 Resp: 303741
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 12.6 10.8 16.2



#50
Dimethylphthalate
Concen: 41.020 ng
RT: 14.162 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:163 Resp: 254459
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.1 8.0 12.0

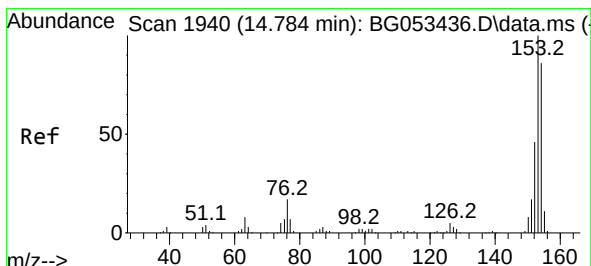
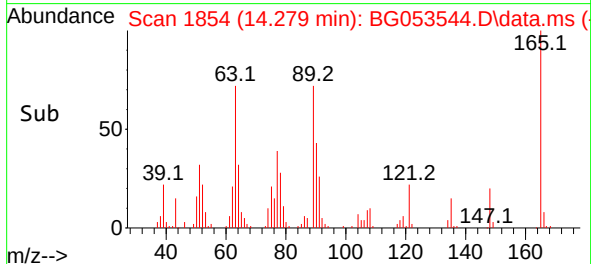
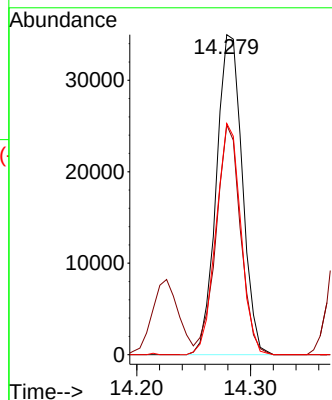
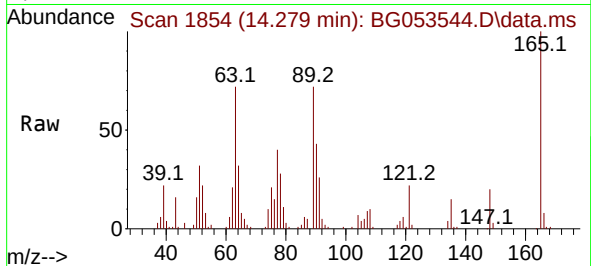




#51
2,6-Dinitrotoluene
Concen: 43.743 ng
RT: 14.279 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

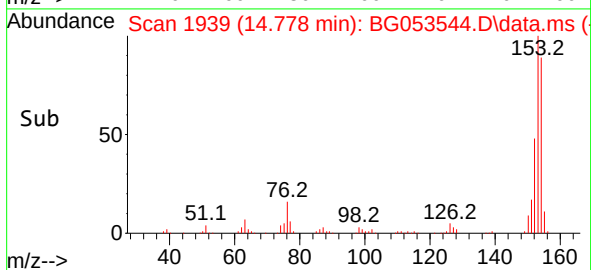
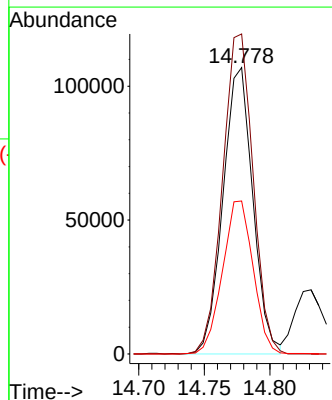
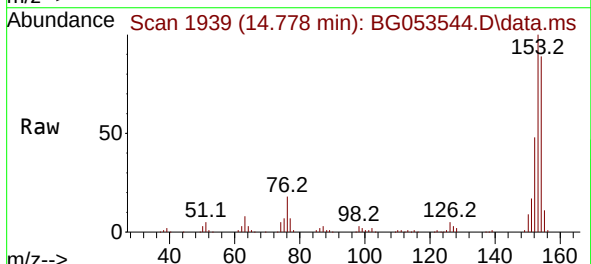
Instrument :
BNA_G
ClientSampleId :
PB144735BS

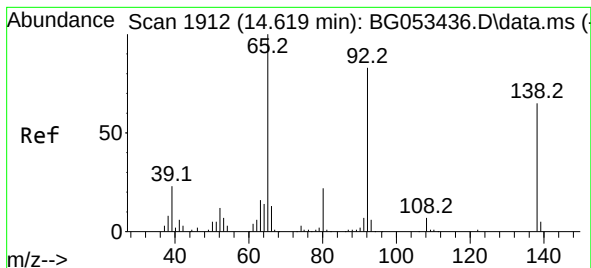
Tgt Ion:165 Resp: 55283
Ion Ratio Lower Upper
165 100
63 71.8 54.1 81.1
89 72.3 54.8 82.2



#52
Acenaphthene
Concen: 40.858 ng
RT: 14.778 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:154 Resp: 169391
Ion Ratio Lower Upper
154 100
153 111.8 92.7 139.1
152 53.4 42.6 64.0

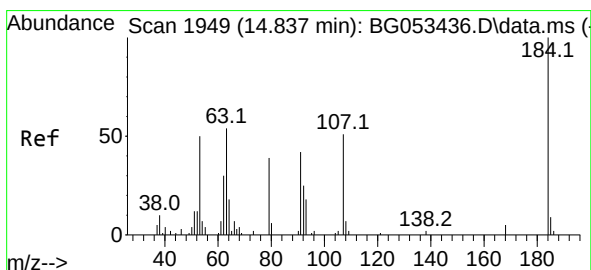
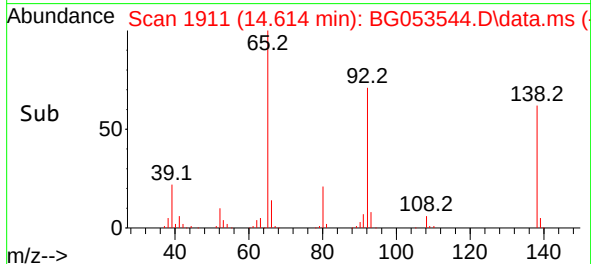
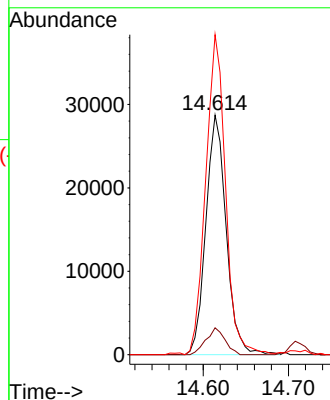
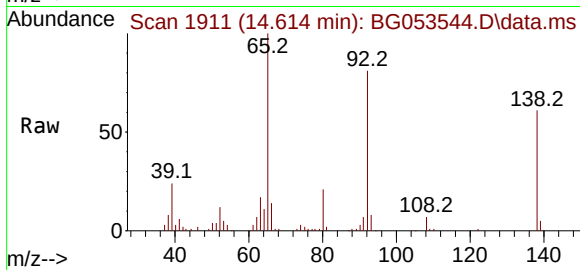




#53
3-Nitroaniline
Concen: 34.840 ng
RT: 14.614 min Scan# 1911
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

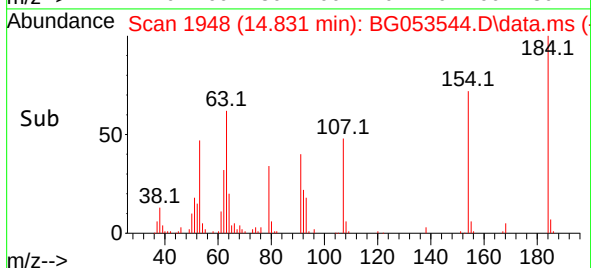
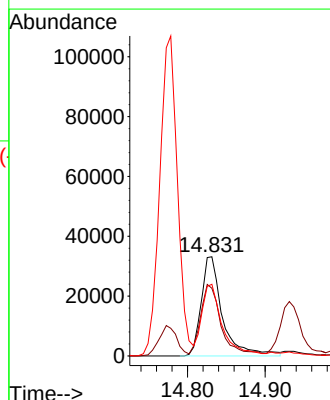
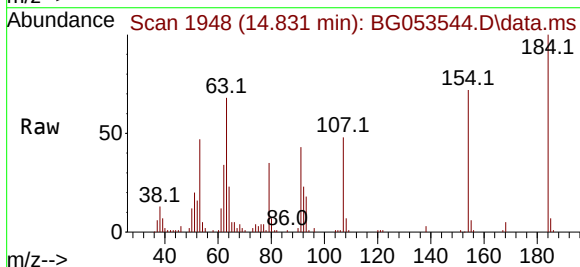
Instrument :
BNA_G
ClientSampleId :
PB144735BS

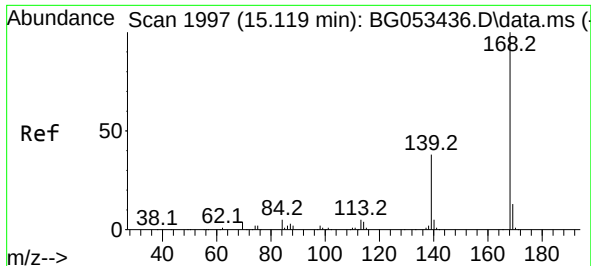
Tgt Ion:138 Resp: 47576
Ion Ratio Lower Upper
138 100
108 11.2 9.2 13.8
92 133.6 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 79.042 ng
RT: 14.831 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:184 Resp: 63345
Ion Ratio Lower Upper
184 100
63 68.3 61.1 91.7
154 72.3 60.6 91.0

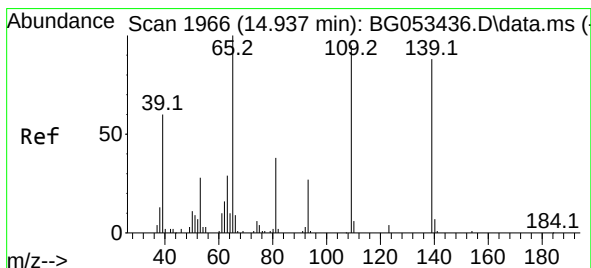
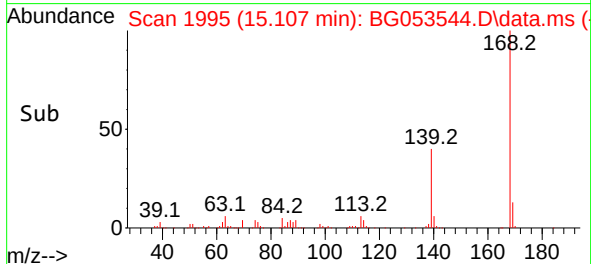
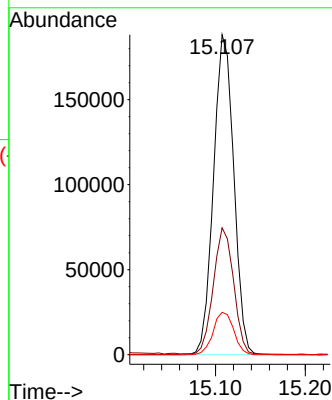
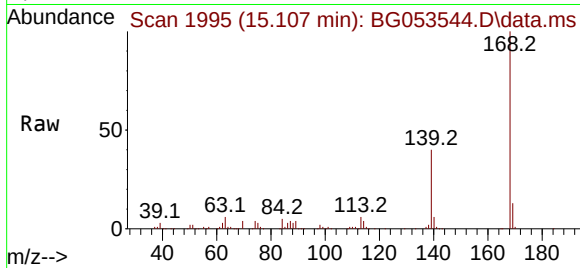




#55
Dibenzofuran
Concen: 39.563 ng
RT: 15.107 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

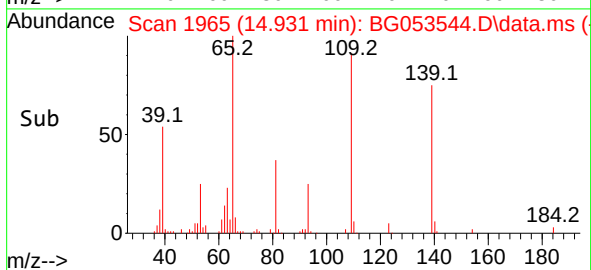
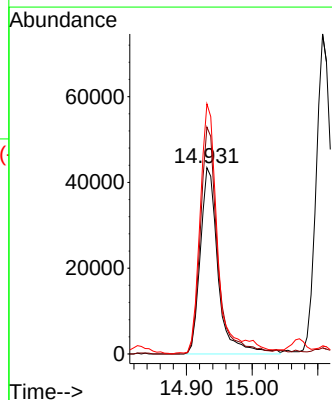
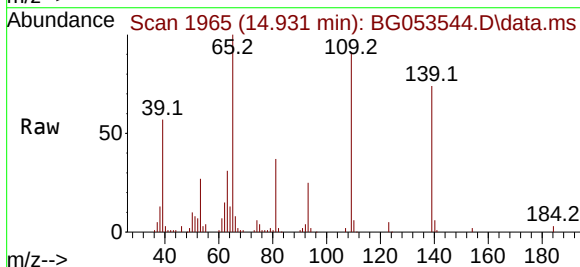
Instrument :
BNA_G
ClientSampleId :
PB144735BS

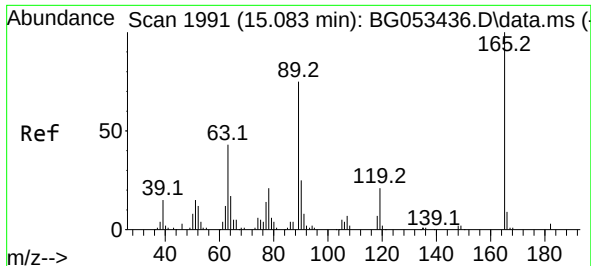
Tgt Ion:168 Resp: 294615
Ion Ratio Lower Upper
168 100
139 39.6 30.5 45.7
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 84.387 ng
RT: 14.931 min Scan# 1965
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:139 Resp: 82306
Ion Ratio Lower Upper
139 100
109 121.8 88.5 128.5
65 134.3 93.9 133.9#





#57

2,4-Dinitrotoluene

Concen: 44.263 ng

RT: 15.072 min Scan# 1991

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

Tgt Ion:165 Resp: 81086

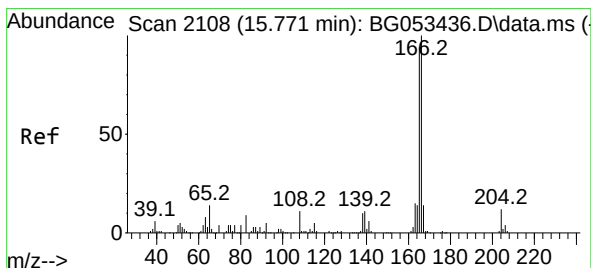
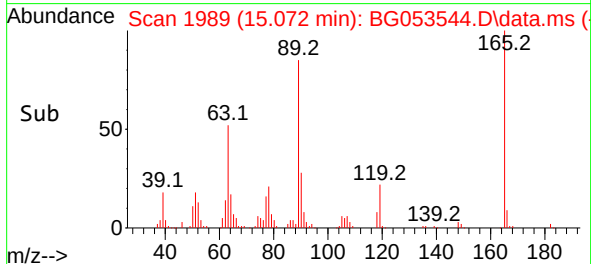
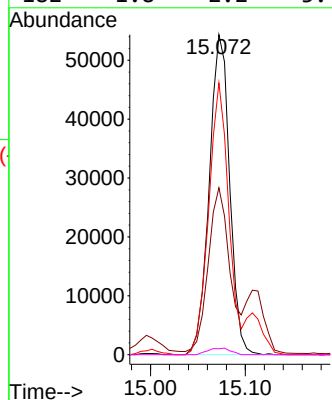
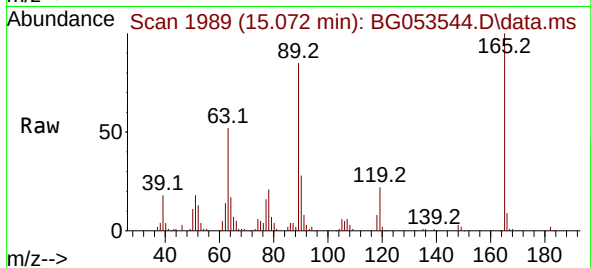
Ion Ratio Lower Upper

165 100

63 52.2 34.6 52.0#

89 85.0 60.3 90.5

182 1.8 2.2 3.4#



#58

Fluorene

Concen: 41.138 ng

RT: 15.759 min Scan# 2106

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

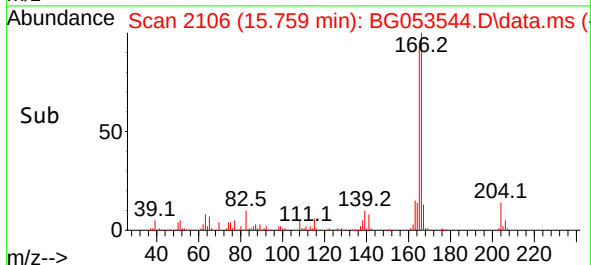
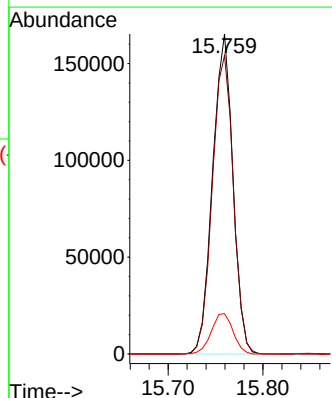
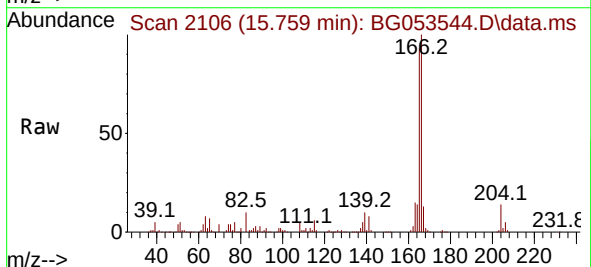
Tgt Ion:166 Resp: 245837

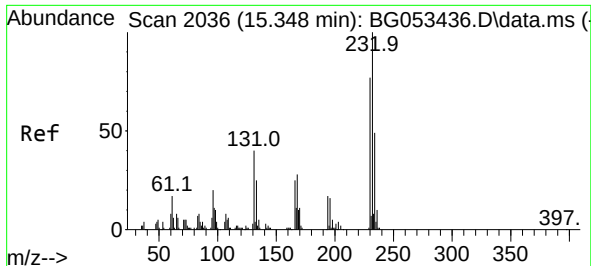
Ion Ratio Lower Upper

166 100

165 93.3 75.0 112.6

167 12.6 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.920 ng

RT: 15.342 min Scan# 2035

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

Tgt Ion:232 Resp: 76032

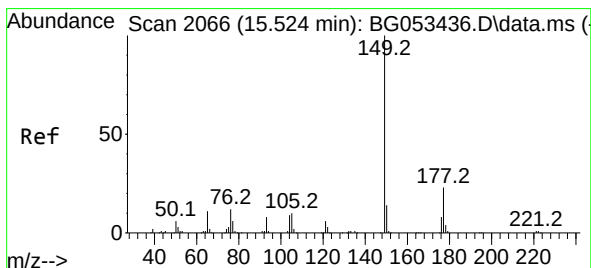
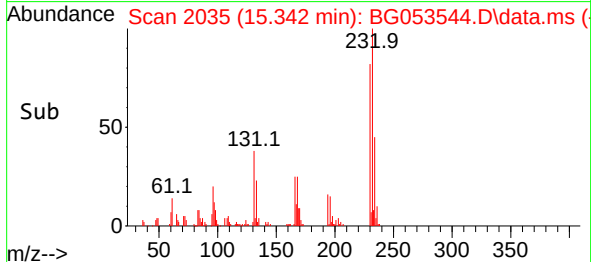
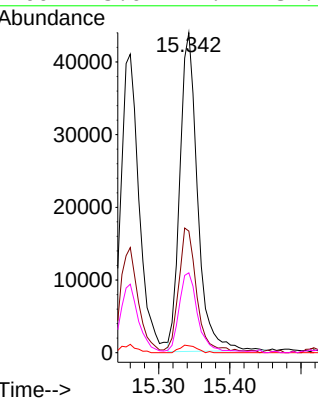
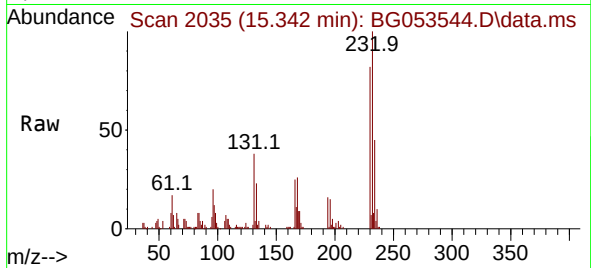
Ion Ratio Lower Upper

232 100

131 38.7 30.6 46.0

130 2.3 1.8 2.8

166 25.6 21.1 31.7



#60

Diethylphthalate

Concen: 41.612 ng

RT: 15.519 min Scan# 2065

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

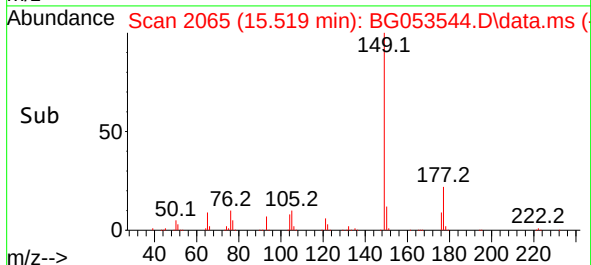
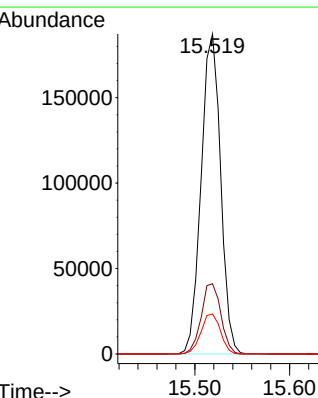
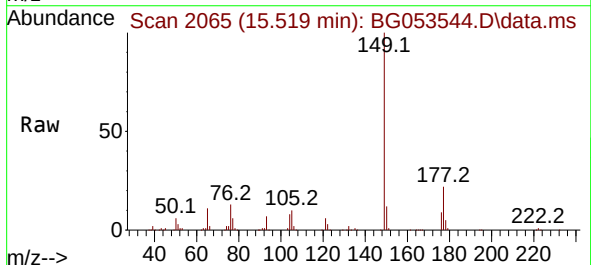
Tgt Ion:149 Resp: 266642

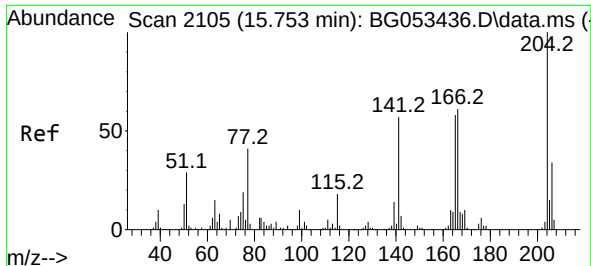
Ion Ratio Lower Upper

149 100

177 22.0 18.4 27.6

150 12.5 11.2 16.8

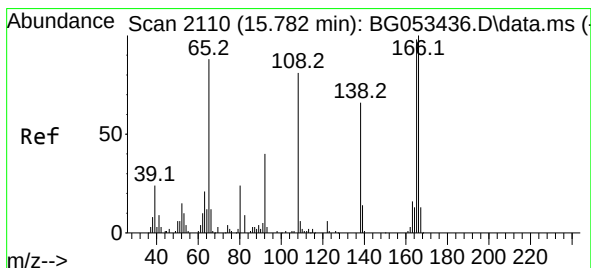
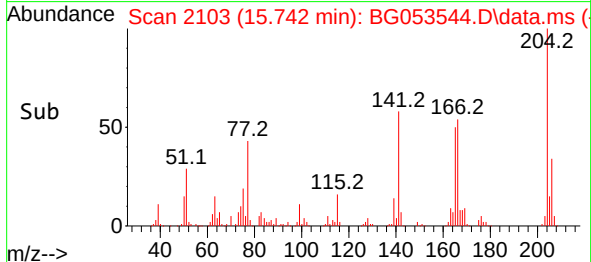
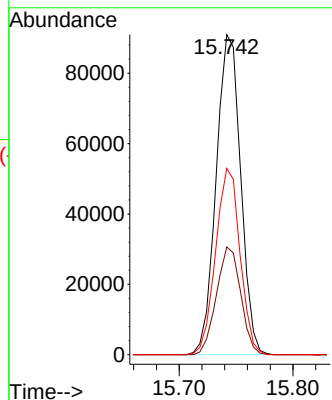
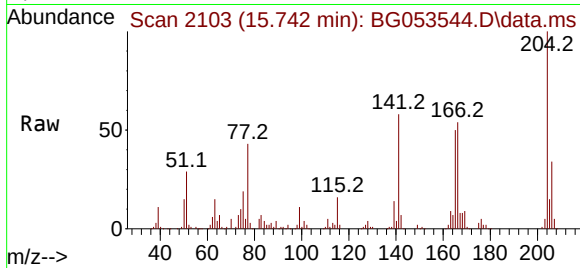




#61
4-Chlorophenyl-phenylether
Concen: 40.847 ng
RT: 15.742 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

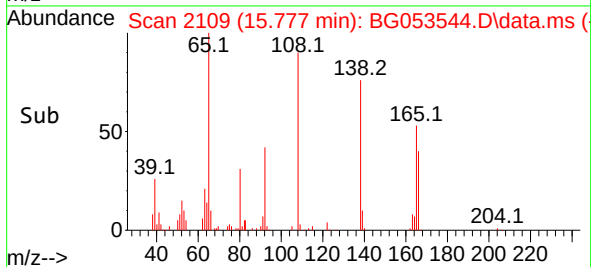
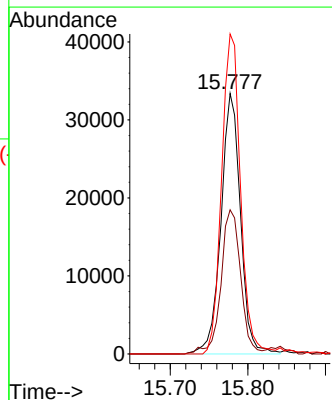
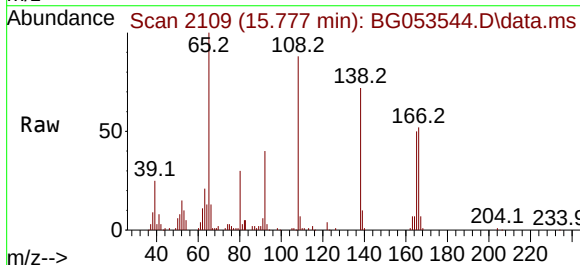
Instrument :
BNA_G
ClientSampleId :
PB144735BS

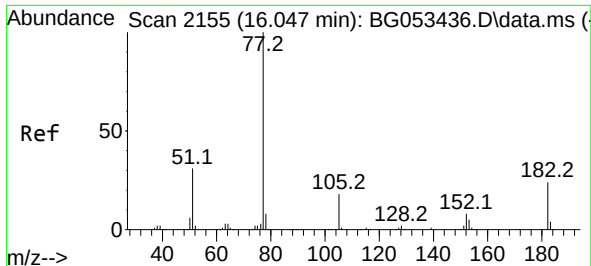
Tgt Ion:204 Resp: 136209
Ion Ratio Lower Upper
204 100
206 33.7 27.5 41.3
141 58.2 45.3 67.9



#62
4-Nitroaniline
Concen: 41.368 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:138 Resp: 58591
Ion Ratio Lower Upper
138 100
92 55.4 40.5 80.5
108 122.9 103.7 143.7

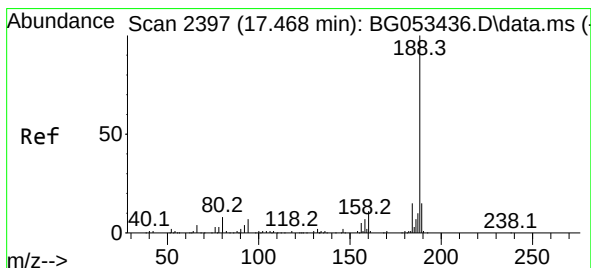
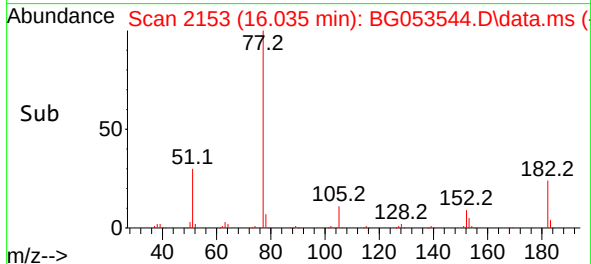
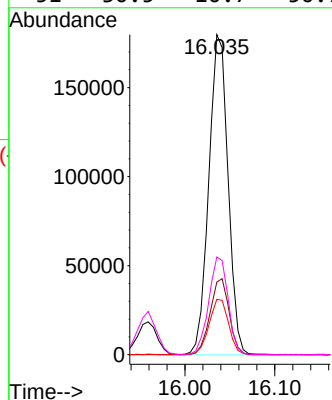
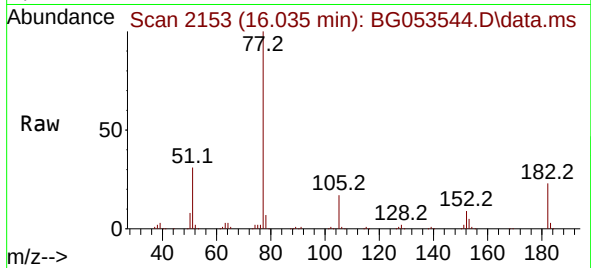




#63
Azobenzene
Concen: 40.712 ng
RT: 16.035 min Scan# 2153
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

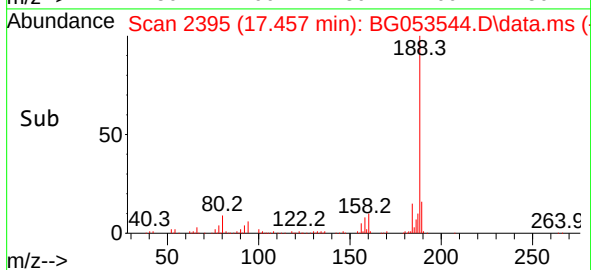
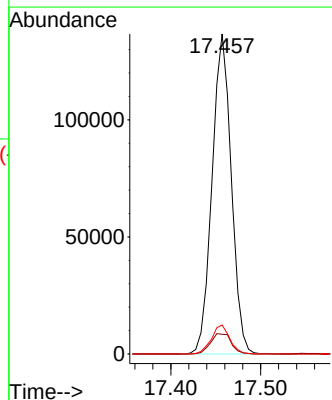
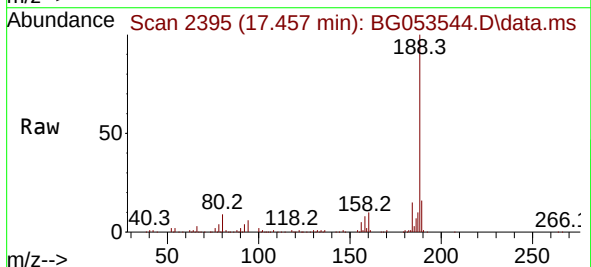
Instrument :
BNA_G
ClientSampleId :
PB144735BS

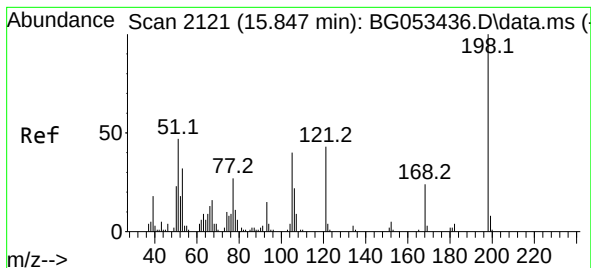
Tgt Ion: 77	Resp: 267141
Ion Ratio	Lower Upper
77 100	
182 22.7	3.8 43.8
105 17.3	0.0 37.8
51 30.5	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:188	Resp: 202847
Ion Ratio	Lower Upper
188 100	
94 6.1	5.4 8.0
80 9.1	6.8 10.2

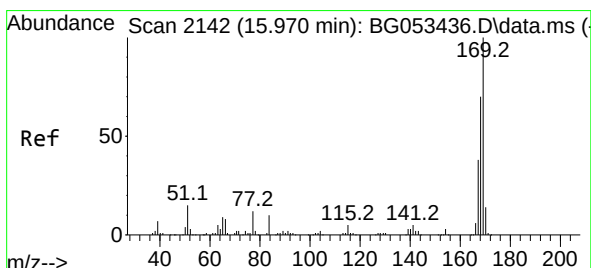
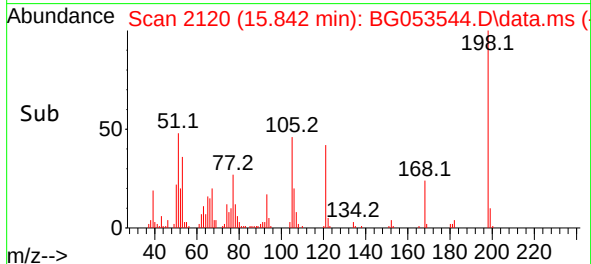
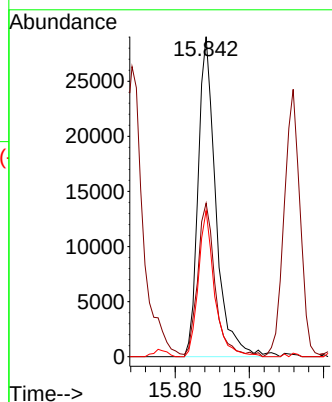
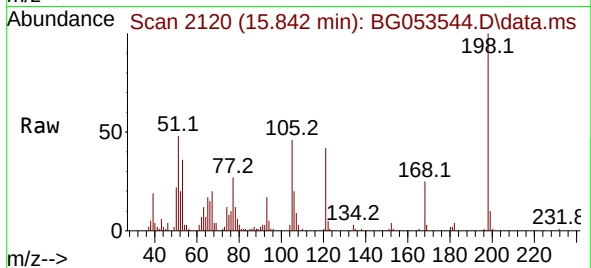




#65
4,6-Dinitro-2-methylphenol
Concen: 39.958 ng
RT: 15.842 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

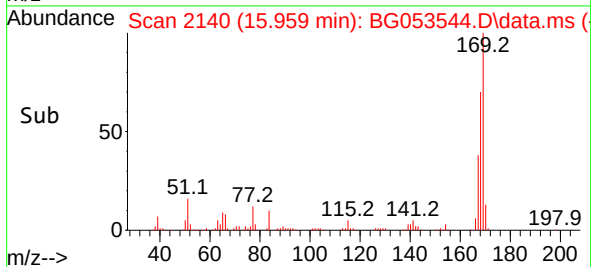
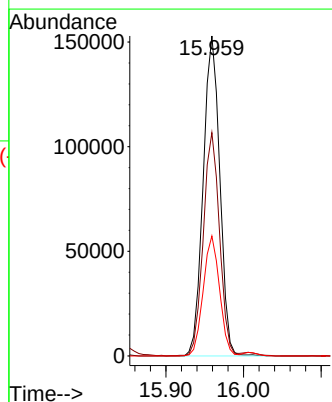
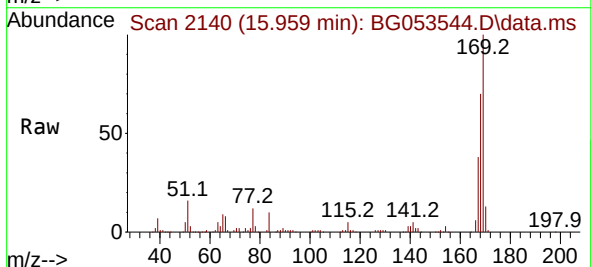
Instrument :
BNA_G
ClientSampleId :
PB144735BS

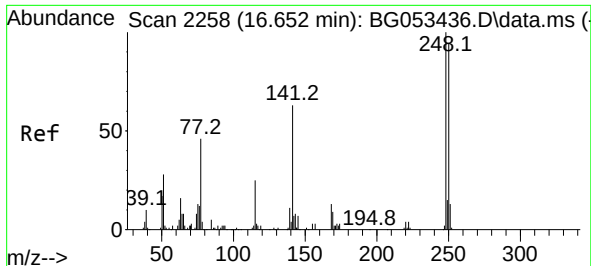
Tgt Ion:198 Resp: 48298
Ion Ratio Lower Upper
198 100
51 47.9 28.1 68.1
105 45.7 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 42.685 ng
RT: 15.959 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:169 Resp: 227333
Ion Ratio Lower Upper
169 100
168 69.8 55.9 83.9
167 37.5 30.6 46.0

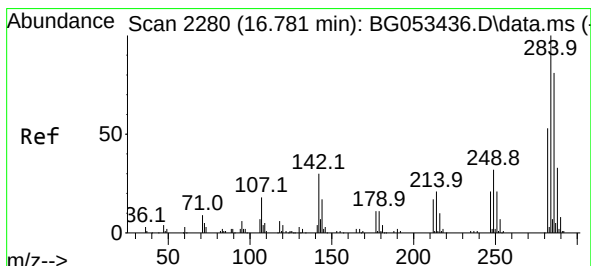
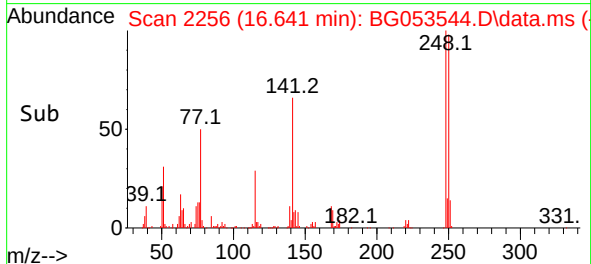
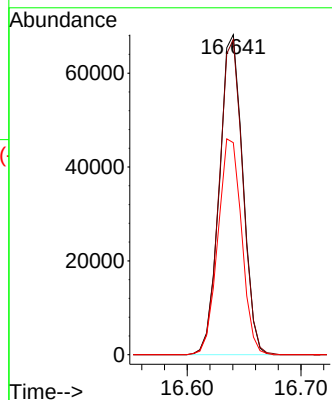
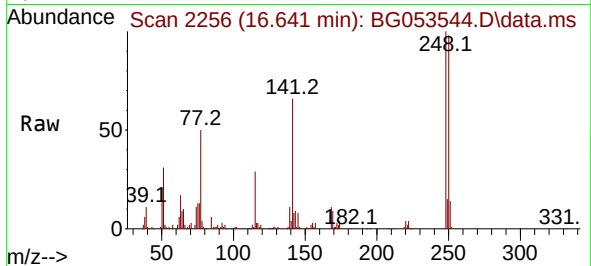




#67
4-Bromophenyl-phenylether
Concen: 41.116 ng
RT: 16.641 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

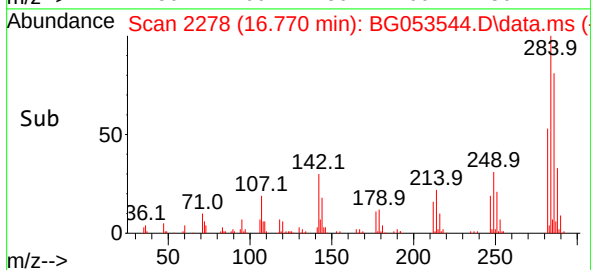
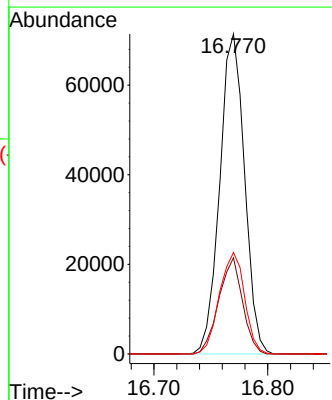
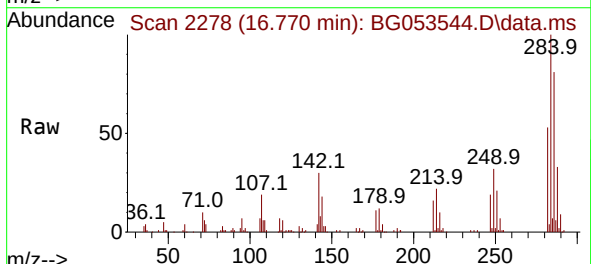
Instrument :
BNA_G
ClientSampleId :
PB144735BS

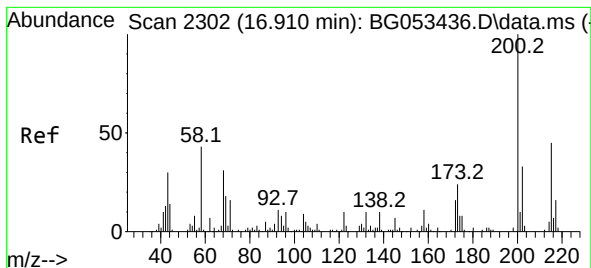
Tgt Ion:248 Resp: 97405
Ion Ratio Lower Upper
248 100
250 98.5 75.2 112.8
141 66.3 50.0 75.0



#68
Hexachlorobenzene
Concen: 41.620 ng
RT: 16.770 min Scan# 2278
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:284 Resp: 107983
Ion Ratio Lower Upper
284 100
142 30.1 23.6 35.4
249 31.7 25.8 38.6





#69

Atrazine

Concen: 43.231 ng

RT: 16.905 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

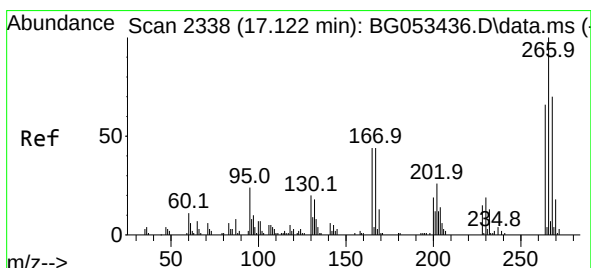
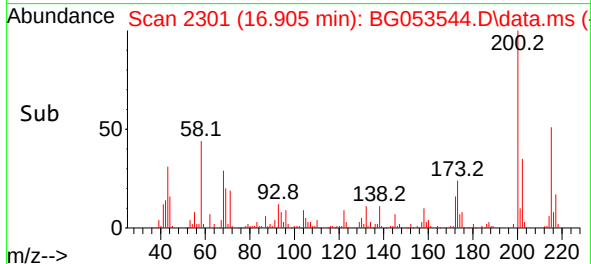
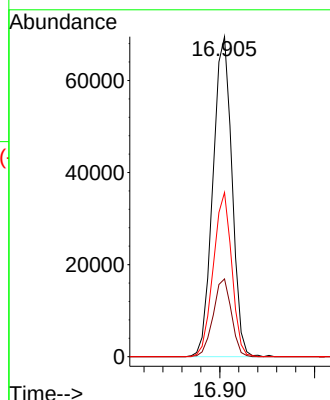
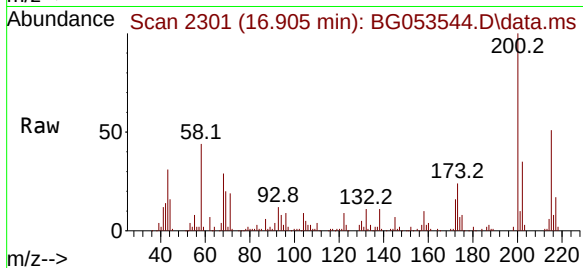
Tgt Ion:200 Resp: 96926

Ion Ratio Lower Upper

200 100

173 24.3 3.7 43.7

215 51.3 25.2 65.2



#70

Pentachlorophenol

Concen: 79.770 ng

RT: 17.116 min Scan# 2337

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

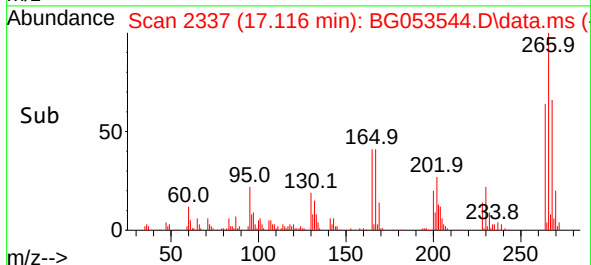
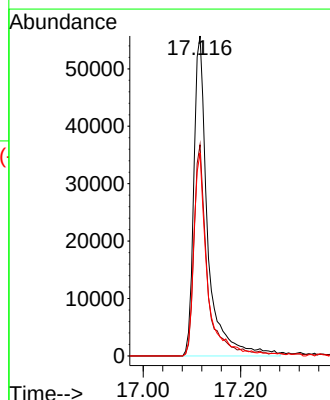
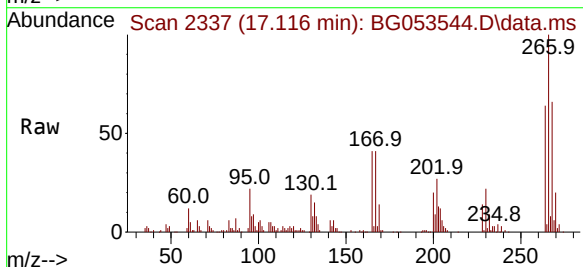
Tgt Ion:266 Resp: 111438

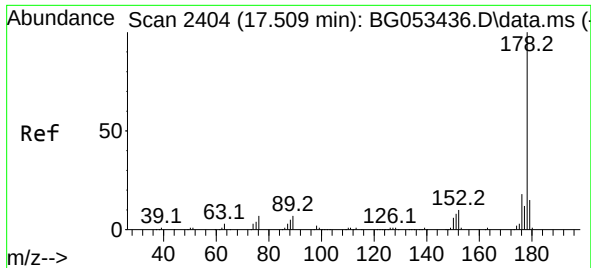
Ion Ratio Lower Upper

266 100

268 66.0 56.2 84.2

264 63.5 53.0 79.4

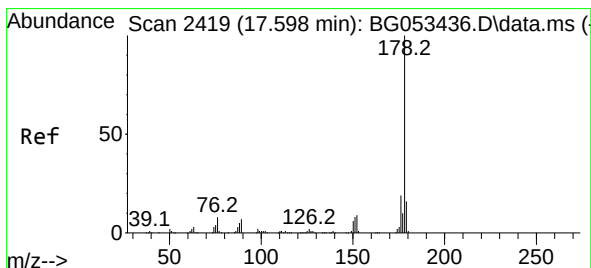
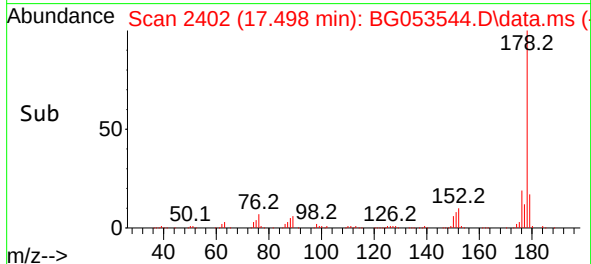
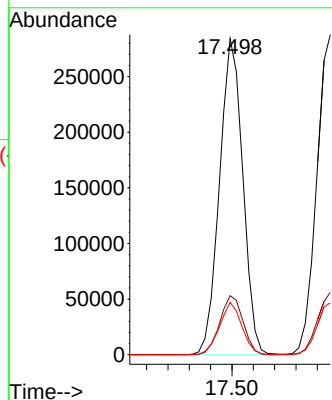
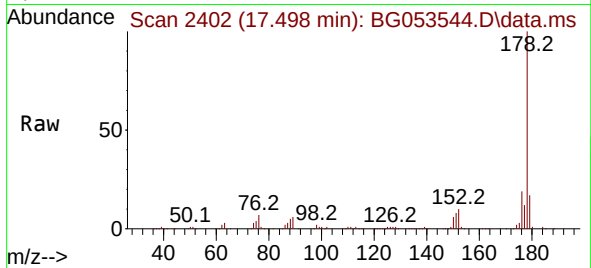




#71
 Phenanthrene
 Concen: 41.708 ng
 RT: 17.498 min Scan# 2402
 Delta R.T. -0.002 min
 Lab File: BG053544.D
 Acq: 13 May 2022 15:43

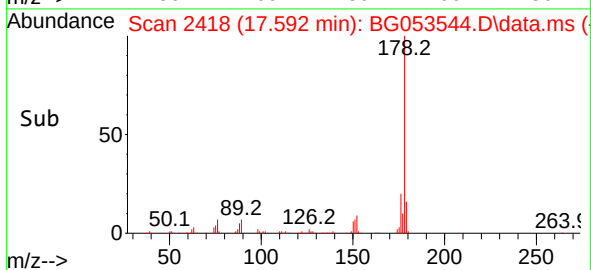
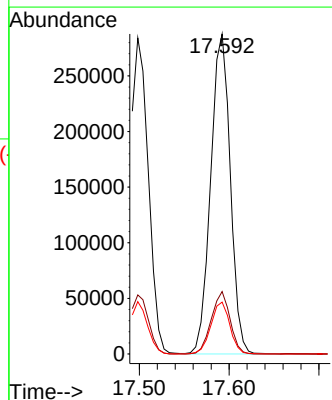
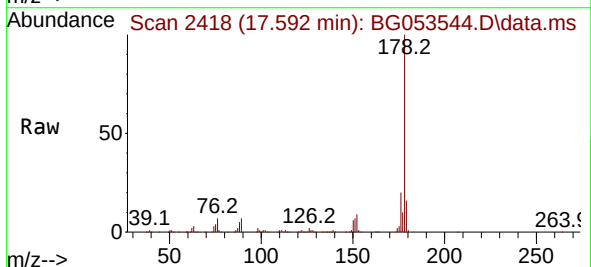
Instrument :
 BNA_G
 ClientSampleId :
 PB144735BS

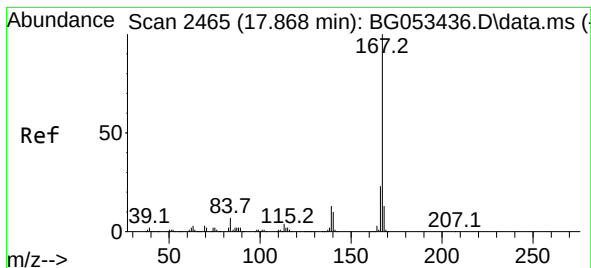
Tgt Ion:178 Resp: 430194
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.1 21.1
 179 16.6 12.1 18.1



#72
 Anthracene
 Concen: 43.044 ng
 RT: 17.592 min Scan# 2418
 Delta R.T. -0.002 min
 Lab File: BG053544.D
 Acq: 13 May 2022 15:43

Tgt Ion:178 Resp: 436391
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.2 22.8
 179 16.2 13.0 19.4





#73

Carbazole

Concen: 40.227 ng

RT: 17.857 min Scan# 2463

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

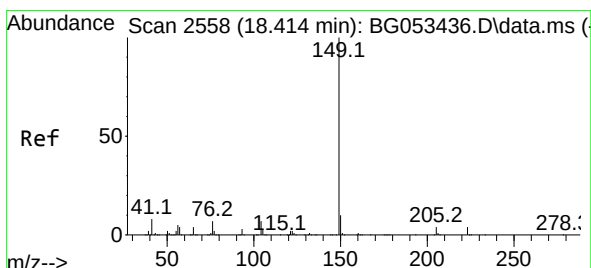
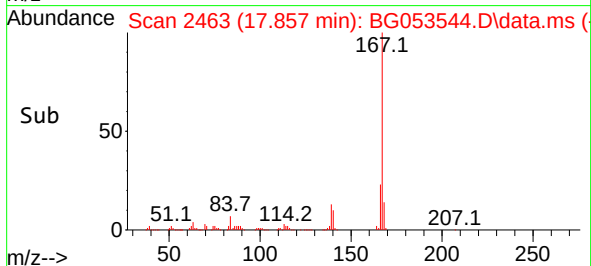
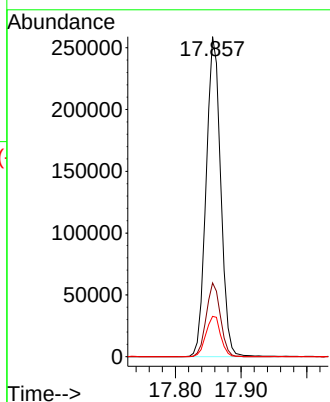
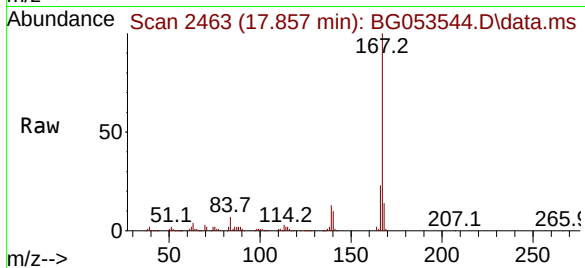
Tgt Ion:167 Resp: 399691

Ion Ratio Lower Upper

167 100

166 23.1 18.2 27.2

139 12.6 10.1 15.1



#74

Di-n-butylphthalate

Concen: 41.994 ng

RT: 18.403 min Scan# 2556

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

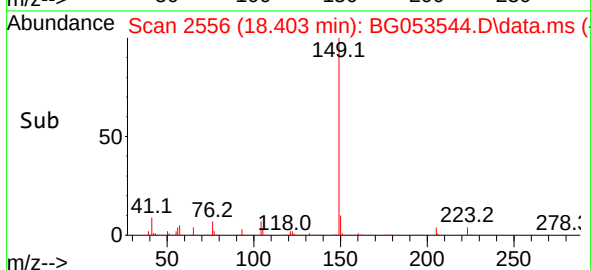
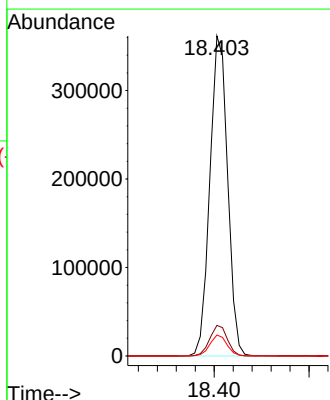
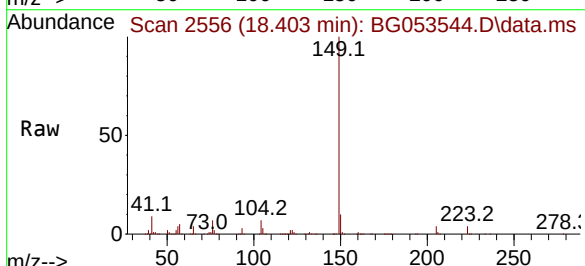
Tgt Ion:149 Resp: 469264

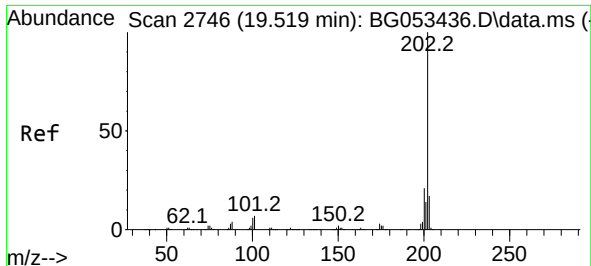
Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 6.6 5.4 8.0

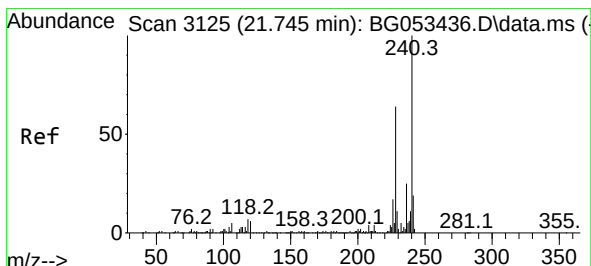
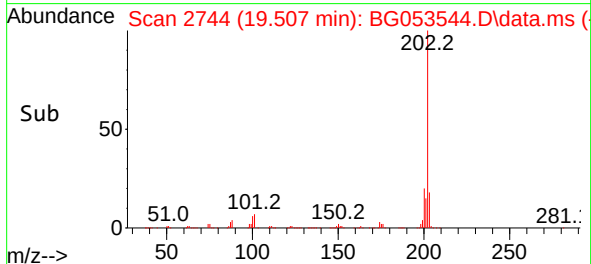
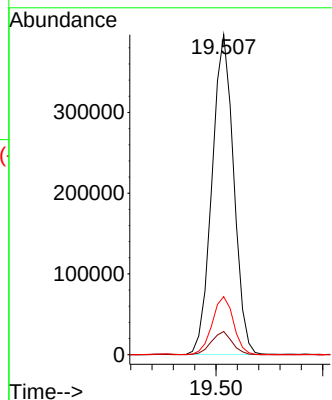
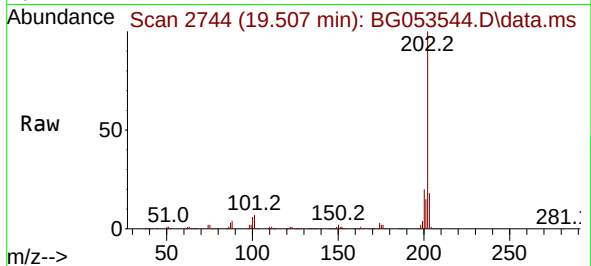




#75
Fluoranthene
Concen: 41.870 ng
RT: 19.507 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

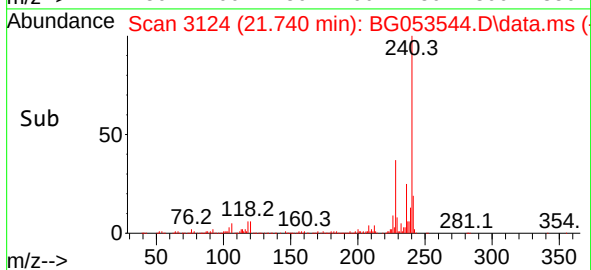
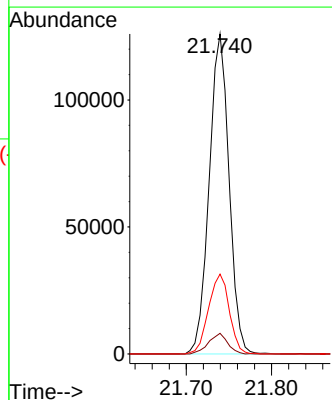
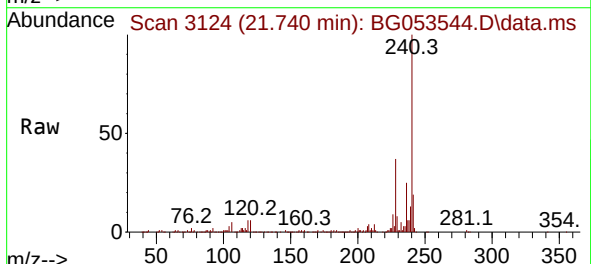
Instrument :
BNA_G
ClientSampleId :
PB144735BS

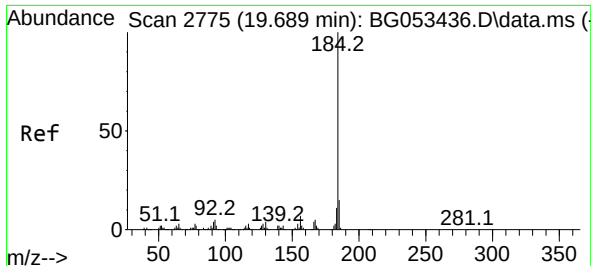
Tgt Ion:202 Resp: 559187
Ion Ratio Lower Upper
202 100
101 7.3 0.0 26.9
203 18.1 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.740 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:240 Resp: 203633
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 24.9 20.2 30.4

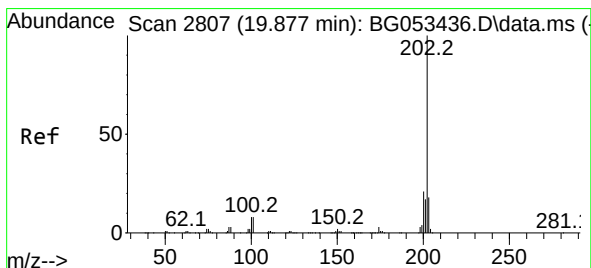
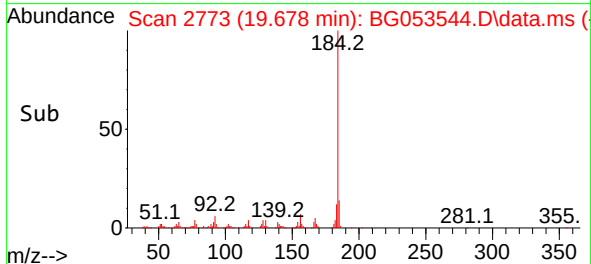
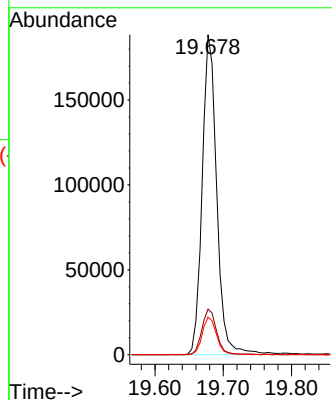
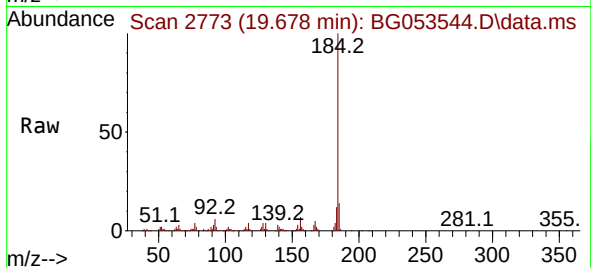




#77
Benzidine
Concen: 63.608 ng
RT: 19.678 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

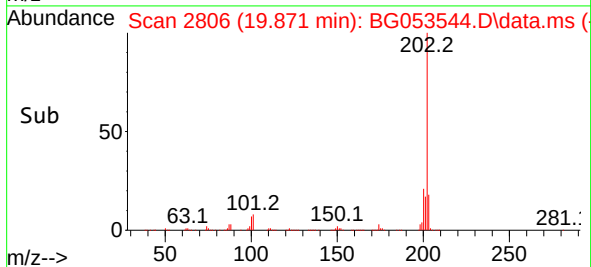
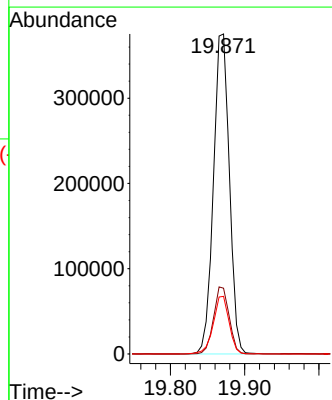
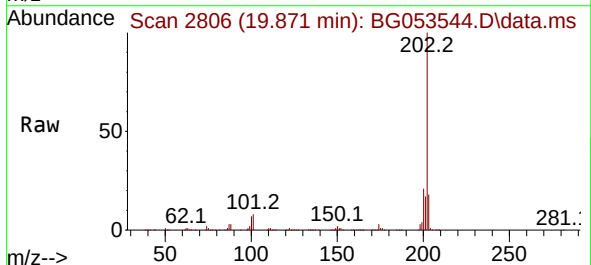
Instrument :
BNA_G
ClientSampleId :
PB144735BS

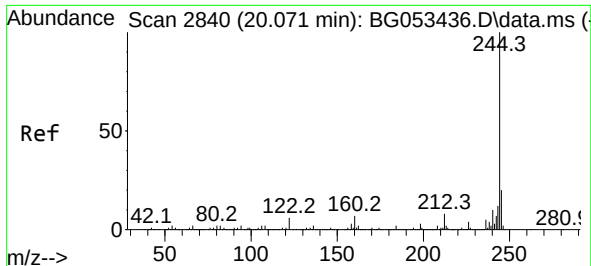
Tgt Ion:184 Resp: 279177
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.7 8.9 13.3



#78
Pyrene
Concen: 42.464 ng
RT: 19.871 min Scan# 2806
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:202 Resp: 559766
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 18.0 14.6 21.8

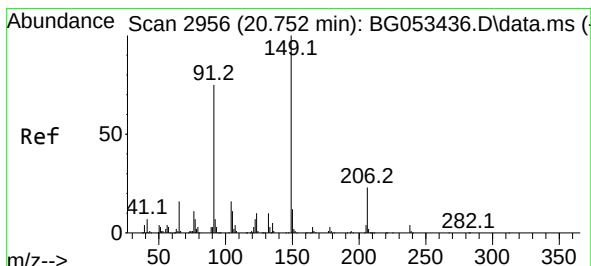
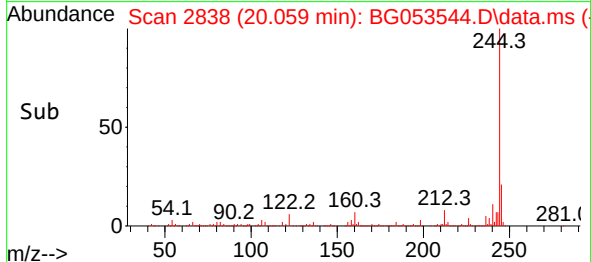
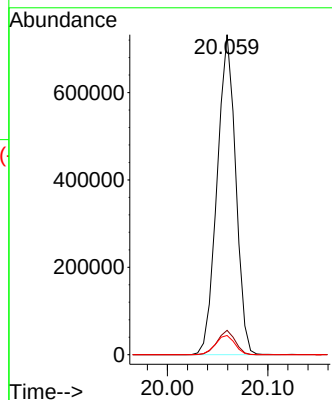
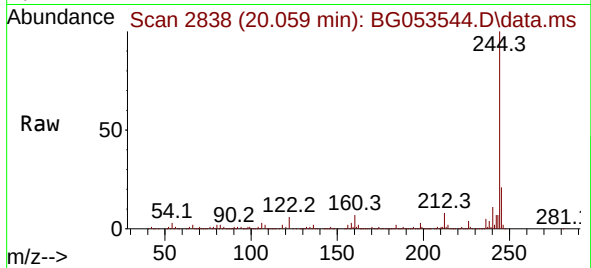




#79
 Terphenyl-d14
 Concen: 85.952 ng
 RT: 20.059 min Scan# 2838
 Delta R.T. -0.002 min
 Lab File: BG053544.D
 Acq: 13 May 2022 15:43

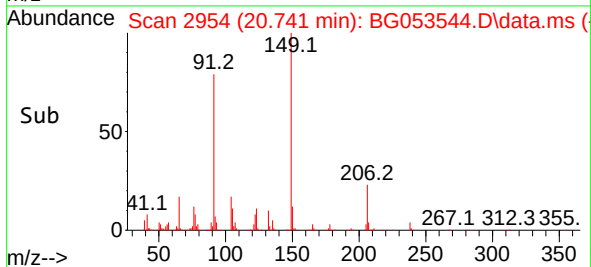
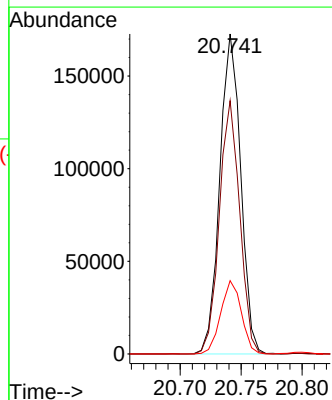
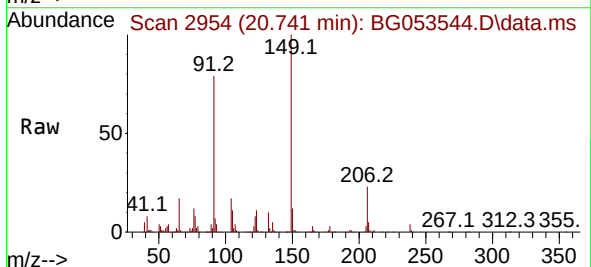
Instrument :
 BNA_G
 ClientSampleId :
 PB144735BS

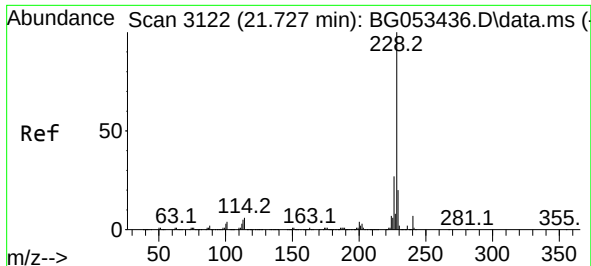
Tgt Ion:244 Resp: 939760
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.0 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 42.629 ng
 RT: 20.741 min Scan# 2954
 Delta R.T. -0.002 min
 Lab File: BG053544.D
 Acq: 13 May 2022 15:43

Tgt Ion:149 Resp: 206060
 Ion Ratio Lower Upper
 149 100
 91 79.1 59.6 89.4
 206 22.9 18.6 28.0

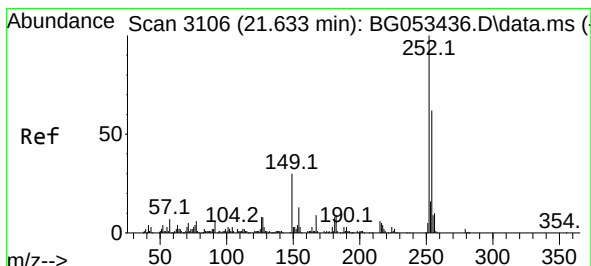
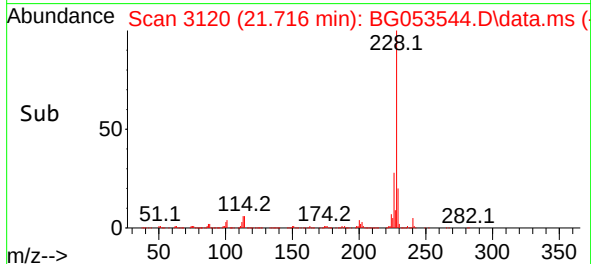
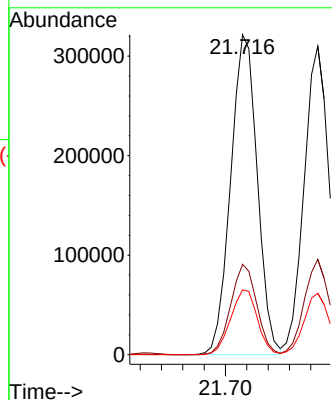
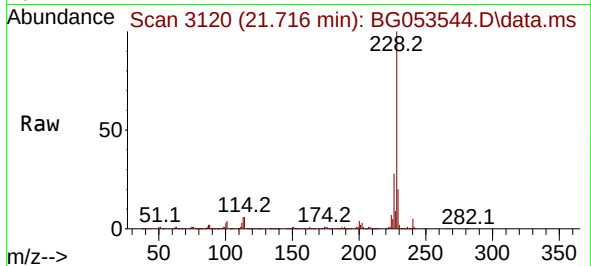




#81
Benzo(a)anthracene
Concen: 42.943 ng
RT: 21.716 min Scan# 3120
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

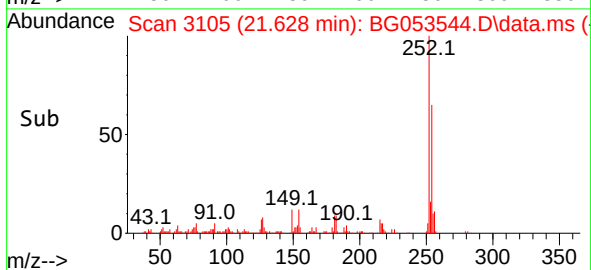
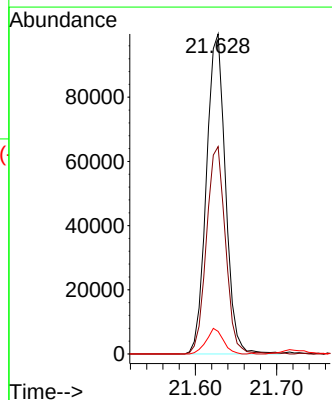
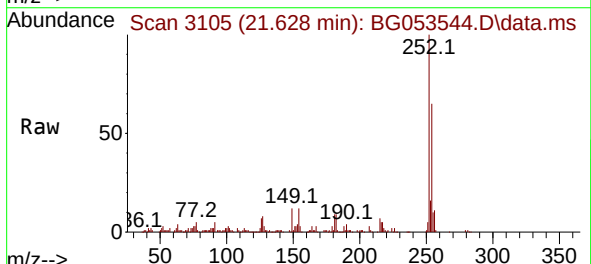
Instrument :
BNA_G
ClientSampleId :
PB144735BS

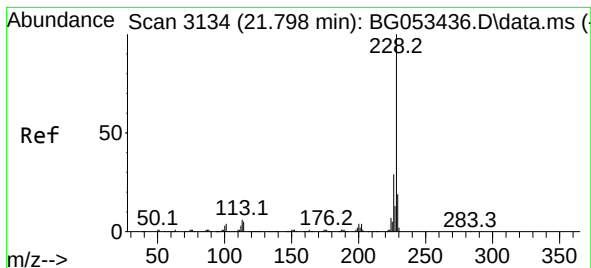
Tgt Ion:228 Resp: 557751
Ion Ratio Lower Upper
228 100
226 28.3 21.6 32.4
229 20.3 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 49.218 ng
RT: 21.628 min Scan# 3105
Delta R.T. 0.004 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:252 Resp: 162107
Ion Ratio Lower Upper
252 100
254 64.8 49.8 74.8
126 7.0 6.0 9.0





#83

Chrysene

Concen: 41.806 ng

RT: 21.787 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

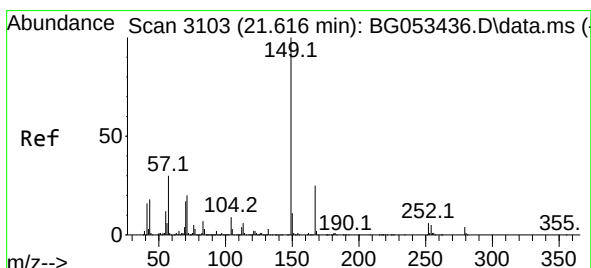
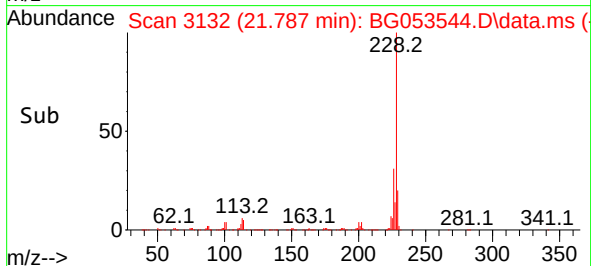
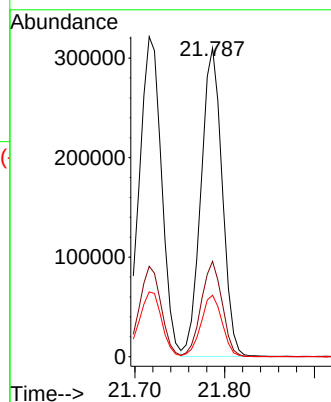
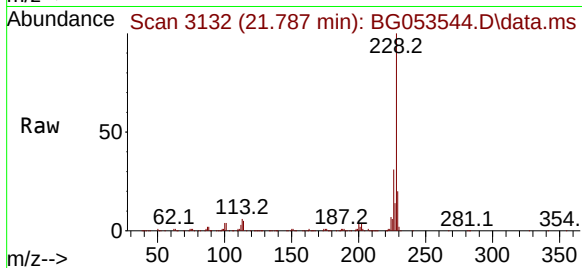
Tgt Ion:228 Resp: 507120

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.2

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.435 ng

RT: 21.604 min Scan# 3101

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

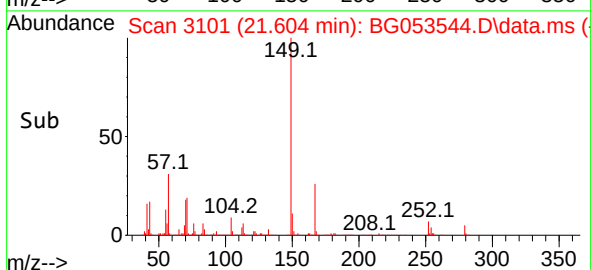
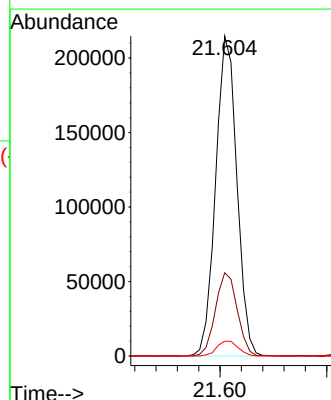
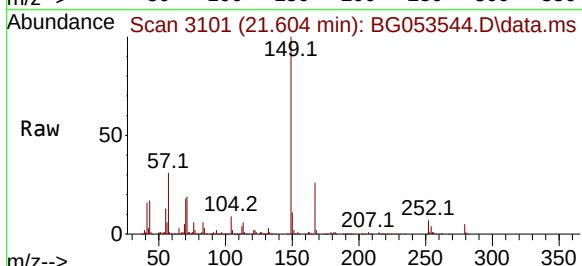
Tgt Ion:149 Resp: 296460

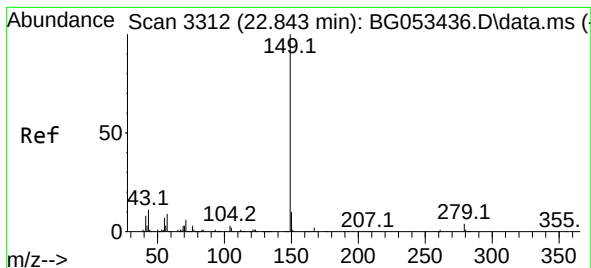
Ion Ratio Lower Upper

149 100

167 26.0 20.2 30.4

279 4.6 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 44.881 ng

RT: 22.832 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

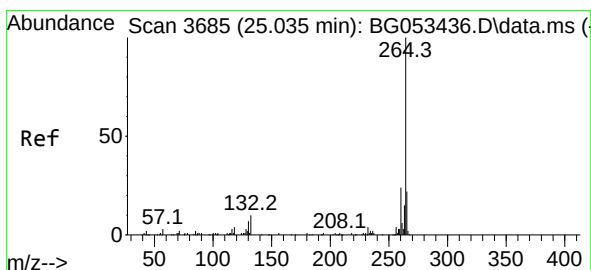
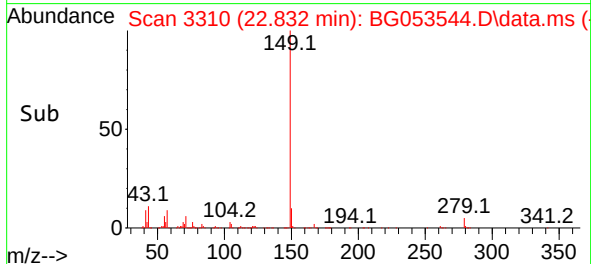
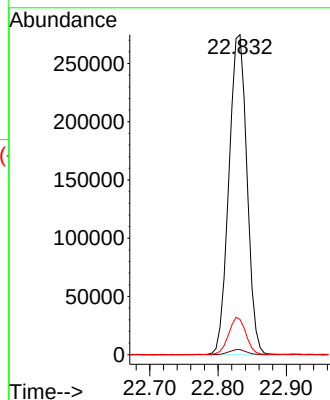
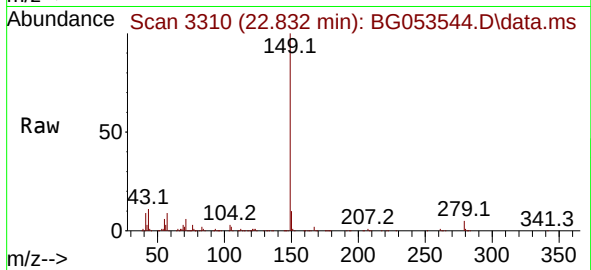
Tgt Ion:149 Resp: 506349

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3681

Delta R.T. -0.008 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

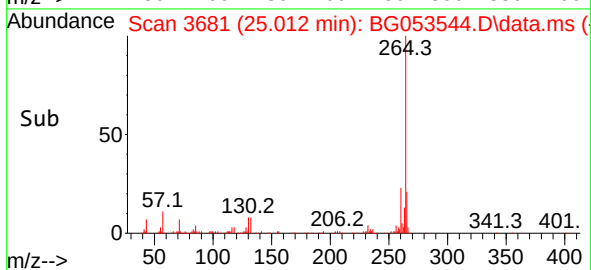
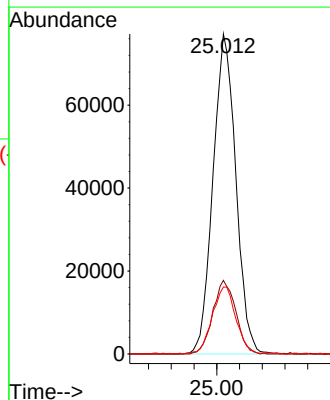
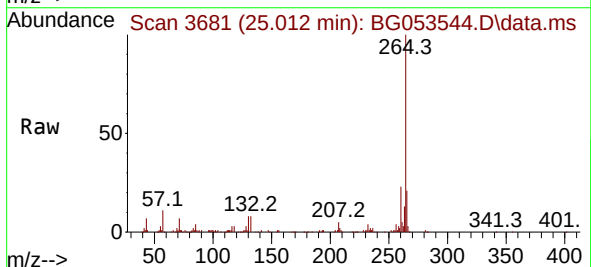
Tgt Ion:264 Resp: 214775

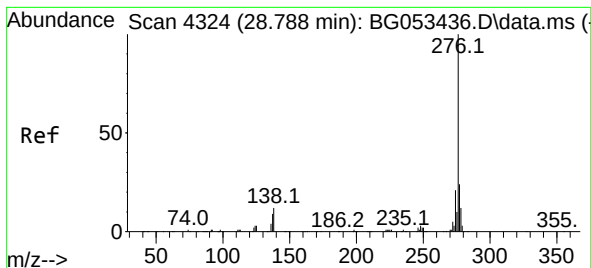
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 20.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.126 ng

RT: 28.777 min Scan# 41

Delta R.T. -0.002 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

Instrument :

BNA_G

ClientSampleId :

PB144735BS

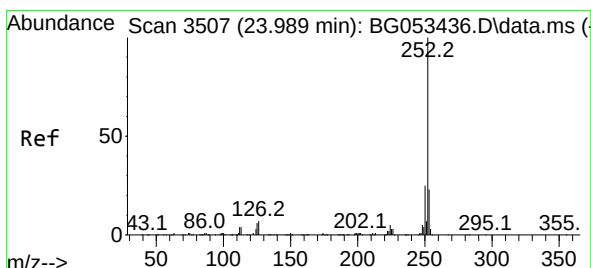
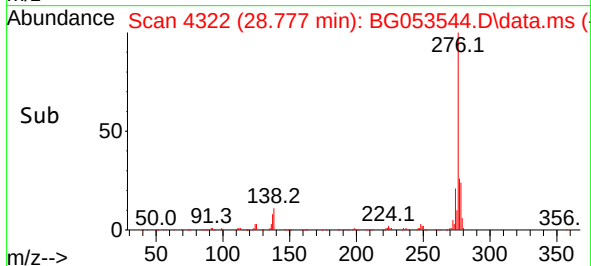
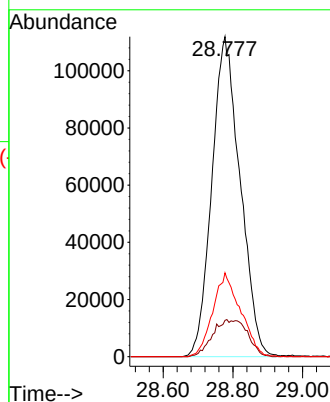
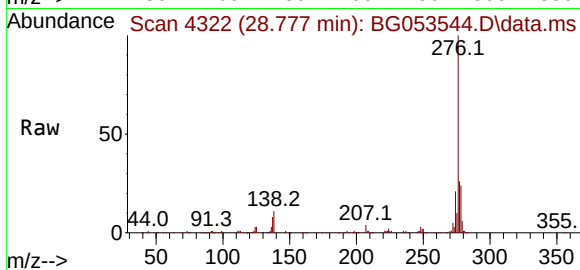
Tgt Ion:276 Resp: 630147

Ion Ratio Lower Upper

276 100

138 7.0 5.0 7.4

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.200 ng

RT: 23.972 min Scan# 3504

Delta R.T. -0.008 min

Lab File: BG053544.D

Acq: 13 May 2022 15:43

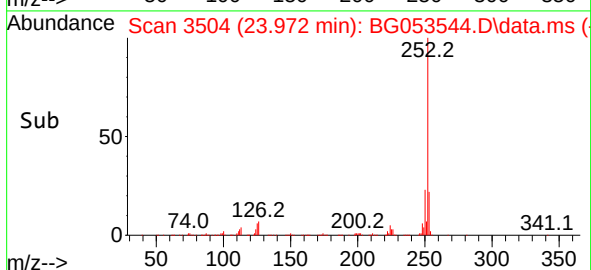
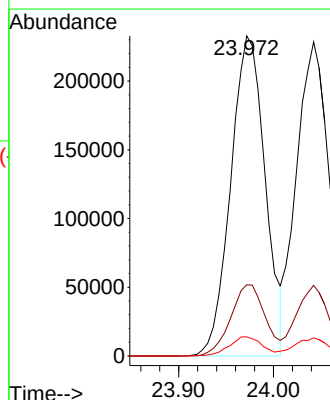
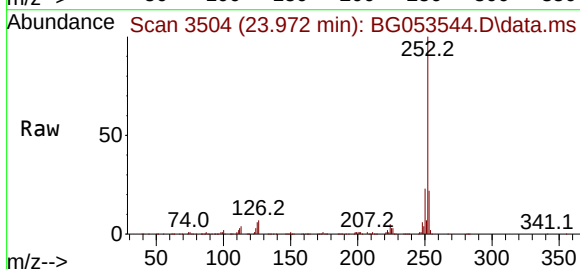
Tgt Ion:252 Resp: 587331

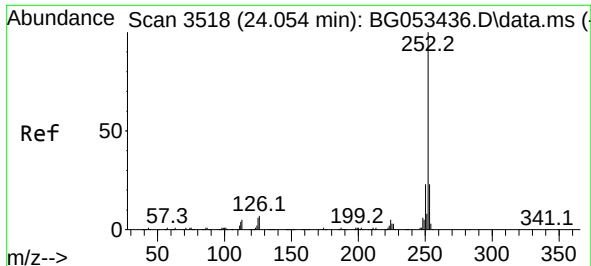
Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 6.0 4.6 6.8

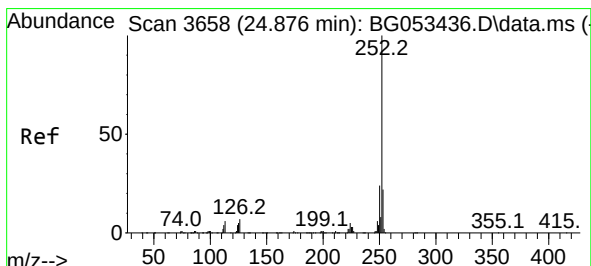
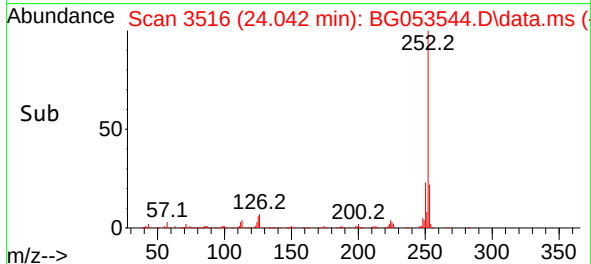
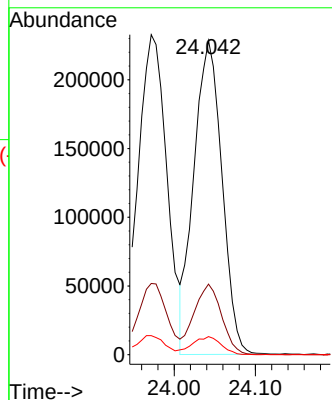
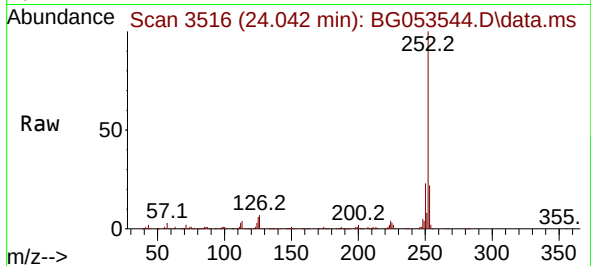




#89
Benzo(k)fluoranthene
Concen: 43.953 ng
RT: 24.042 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

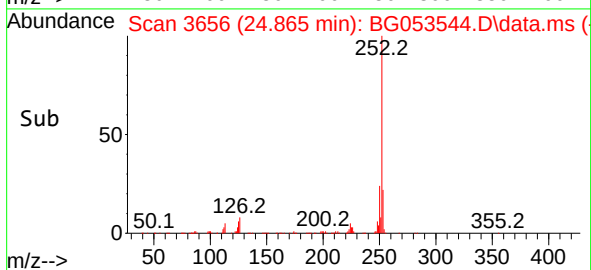
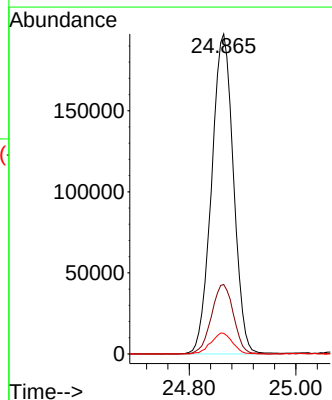
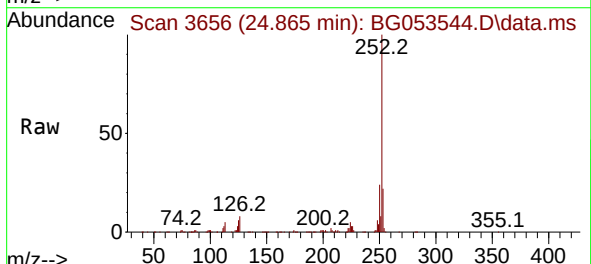
Instrument :
BNA_G
ClientSampleId :
PB144735BS

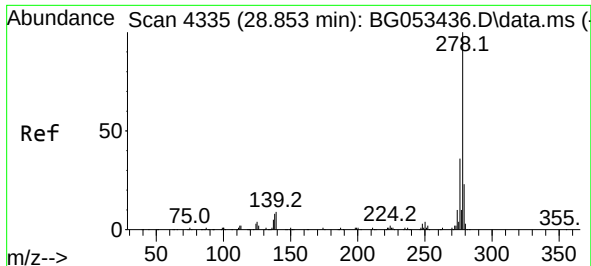
Tgt Ion:252 Resp: 549085
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 5.8 4.8 7.2



#90
Benzo(a)pyrene
Concen: 51.893 ng
RT: 24.865 min Scan# 3656
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:252 Resp: 561510
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 6.4 4.3 6.5

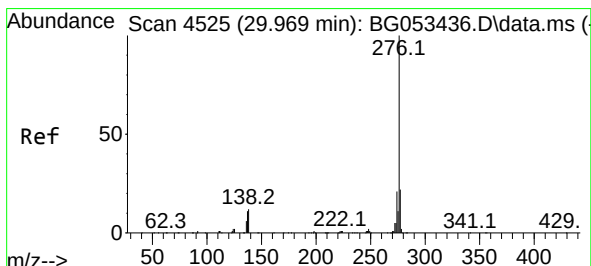
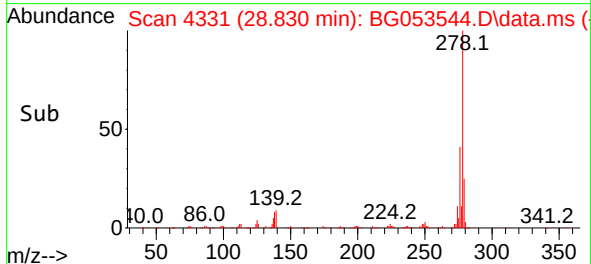
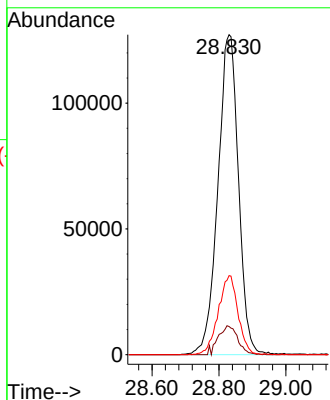
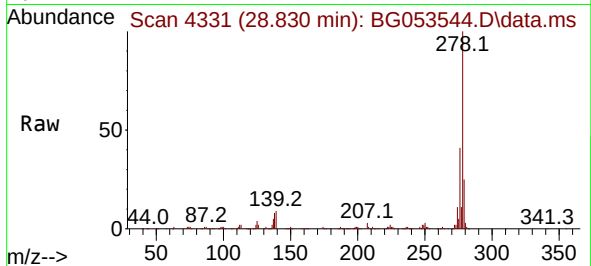




#91
Dibenzo(a,h)anthracene
Concen: 44.071 ng
RT: 28.830 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Instrument :
BNA_G
ClientSampleId :
PB144735BS

Tgt Ion:278 Resp: 543211
Ion Ratio Lower Upper
278 100
139 8.8 7.2 10.8
279 24.7 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 44.154 ng
RT: 29.952 min Scan# 4522
Delta R.T. -0.002 min
Lab File: BG053544.D
Acq: 13 May 2022 15:43

Tgt Ion:276 Resp: 539470
Ion Ratio Lower Upper
276 100
277 24.1 17.3 25.9
138 11.2 9.6 14.4

