

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057096.D
 Acq On : 14 Apr 2023 11:51
 Operator : CG/JU
 Sample : PB152103BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152103BS

Quant Time: Apr 14 13:36:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	13899	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	58616	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	44212	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	110672	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	94927	20.000	ng	# 0.00
86) Perylene-d12	25.602	264	104071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.911	112	140989	162.347	ng	0.00
7) Phenol-d6	7.538	99	201854	155.408	ng	0.00
23) Nitrobenzene-d5	9.583	82	125014	87.268	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	106665	151.019	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	294282	90.258	ng	0.00
79) Terphenyl-d14	20.321	244	583569	104.026	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.714	88	12840	33.728	ng	96
3) Pyridine	4.137	79	39610	32.304	ng	92
4) n-Nitrosodimethylamine	4.043	42	21421	37.997	ng	# 91
6) Aniline	7.715	93	60603	36.497	ng	98
8) 2-Chlorophenol	7.961	128	44363	51.286	ng	95
9) Benzaldehyde	7.521	77	28959	35.547	ng	92
10) Phenol	7.562	94	66536	51.698	ng	100
11) bis(2-Chloroethyl)ether	7.797	93	43117	47.032	ng	99
12) 1,3-Dichlorobenzene	8.290	146	45341	47.438	ng	99
13) 1,4-Dichlorobenzene	8.437	146	45792	47.469	ng	99
14) 1,2-Dichlorobenzene	8.760	146	43564	46.743	ng	94
15) Benzyl Alcohol	8.631	79	48916	45.324	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.919	45	56168	50.837	ng	95
17) 2-Methylphenol	8.837	107	43358	47.221	ng	90
18) Hexachloroethane	9.506	117	16750	47.506	ng	93
19) n-Nitroso-di-n-propyla...	9.207	70	40688	43.796	ng	# 97
20) 3+4-Methylphenols	9.166	107	61244	47.700	ng	90
22) Acetophenone	9.230	105	73968	42.408	ng	# 95
24) Nitrobenzene	9.624	77	59769	40.809	ng	96
25) Isophorone	10.147	82	110394	40.468	ng	99
26) 2-Nitrophenol	10.340	139	25934	45.875	ng	89
27) 2,4-Dimethylphenol	10.382	122	47373	47.462	ng	94
28) bis(2-Chloroethoxy)met...	10.617	93	59215	43.359	ng	# 91
29) 2,4-Dichlorophenol	10.881	162	48235	44.935	ng	96
30) 1,2,4-Trichlorobenzene	11.098	180	48663	42.666	ng	89
31) Naphthalene	11.292	128	135533	42.421	ng	99
32) Benzoic acid	10.523	122	28164	41.078	ng	94
33) 4-Chloroaniline	11.392	127	38775	26.871	ng	97
34) Hexachlorobutadiene	11.568	225	33560	39.171	ng	98
35) Caprolactam	12.156	113	10341	27.934	ng	95
36) 4-Chloro-3-methylphenol	12.485	107	53946	44.938	ng	98
37) 2-Methylnaphthalene	12.872	142	101817	40.153	ng	94
38) 1-Methylnaphthalene	13.084	142	96597	40.569	ng	92
40) 1,2,4,5-Tetrachloroben...	13.231	216	67096	43.764	ng	# 98
41) Hexachlorocyclopentadiene	13.207	237	91568	108.400	ng	97
43) 2,4,6-Trichlorophenol	13.460	196	45757	46.769	ng	99

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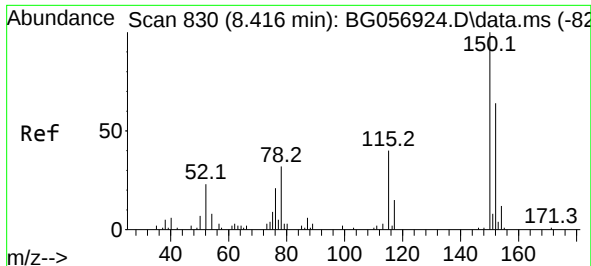
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.530	196	48014	41.426	ng	92
46) 1,1'-Biphenyl	13.853	154	149798	46.285	ng	99
47) 2-Chloronaphthalene	13.906	162	114816	47.967	ng	96
48) 2-Nitroaniline	14.100	65	39517	46.170	ng	98
49) Acenaphthylene	14.746	152	180200	45.819	ng	98
50) Dimethylphthalate	14.453	163	157937	45.337	ng	99
51) 2,6-Dinitrotoluene	14.582	165	35333	46.944	ng	88
52) Acenaphthene	15.081	154	114480	42.206	ng	95
53) 3-Nitroaniline	14.911	138	23695	31.805	ng	97
54) 2,4-Dinitrophenol	15.116	184	45203	106.700	ng	99
55) Dibenzofuran	15.410	168	182554	44.843	ng	97
56) 4-Nitrophenol	15.210	139	54905	99.664	ng	90
57) 2,4-Dinitrotoluene	15.363	165	49959	47.062	ng	# 98
58) Fluorene	16.056	166	153100	45.448	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.627	232	47331	44.851	ng	# 94
60) Diethylphthalate	15.798	149	163341	46.772	ng	98
61) 4-Chlorophenyl-phenyle...	16.033	204	86565	43.767	ng	99
62) 4-Nitroaniline	16.074	138	36295	47.022	ng	86
63) Azobenzene	16.326	77	159317	45.776	ng	95
65) 4,6-Dinitro-2-methylph...	16.127	198	32193	48.029	ng	94
66) n-Nitrosodiphenylamine	16.250	169	133985	45.099	ng	96
67) 4-Bromophenyl-phenylether	16.932	248	58660	42.837	ng	94
68) Hexachlorobenzene	17.061	284	64892	47.932	ng	95
69) Atrazine	17.184	200	55980	45.393	ng	99
70) Pentachlorophenol	17.401	266	74592	76.799	ng	97
71) Phenanthrene	17.795	178	254903	45.175	ng	100
72) Anthracene	17.889	178	258873	44.754	ng	100
73) Carbazole	18.153	167	227966	45.202	ng	95
74) Di-n-butylphthalate	18.670	149	271084	46.419	ng	100
75) Fluoranthene	19.786	202	303334	42.408	ng	98
77) Benzidine	19.951	184	134637	51.890	ng	98
78) Pyrene	20.145	202	310777	47.334	ng	98
80) Butylbenzylphthalate	21.002	149	114326	50.601	ng	97
81) Benzo(a)anthracene	22.048	228	307660	46.836	ng	99
82) 3,3'-Dichlorobenzidine	21.948	252	78929	35.583	ng	98
83) Chrysene	22.124	228	283917	46.161	ng	98
84) Bis(2-ethylhexyl)phtha...	21.901	149	164284	50.215	ng	98
85) Di-n-octyl phthalate	23.211	149	281447	51.049	ng	99
87) Indeno(1,2,3-cd)pyrene	29.685	276	368130	47.863	ng	# 96
88) Benzo(b)fluoranthene	24.551	252	317018	48.713	ng	99
89) Benzo(k)fluoranthene	24.551	252	317018	48.795	ng	# 98
90) Benzo(a)pyrene	25.438	252	281109	43.957	ng	98
91) Dibenzo(a,h)anthracene	29.755	278	309052	48.884	ng	97
92) Benzo(g,h,i)perylene	30.965	276	291568	47.098	ng	98

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

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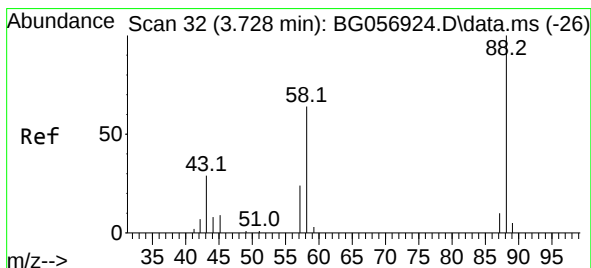
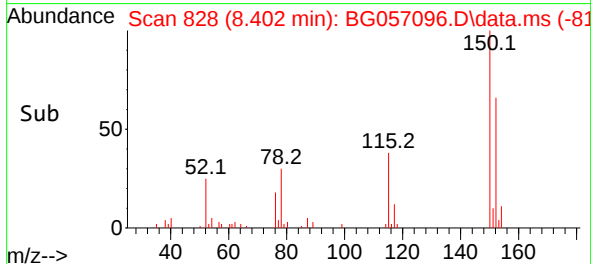
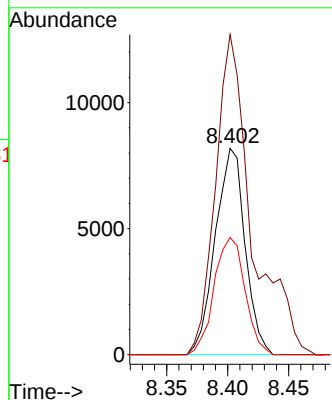
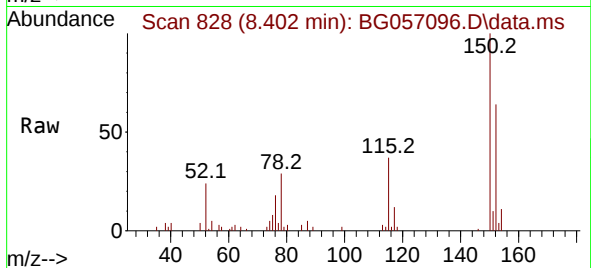




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057096.D
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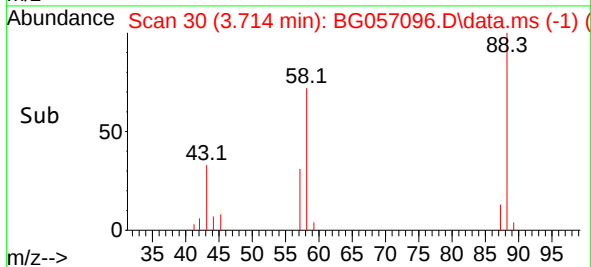
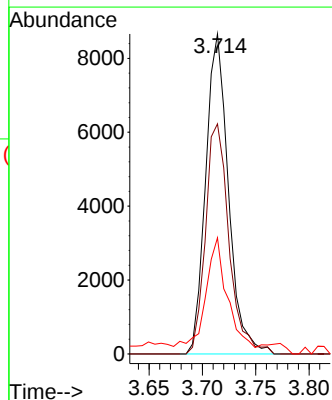
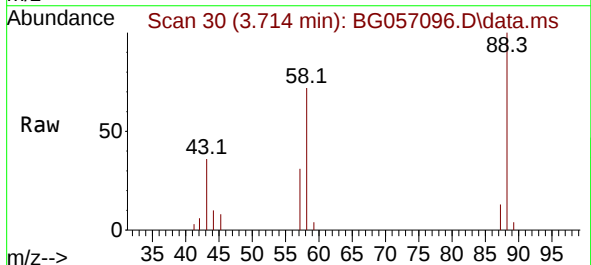
Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:152 Resp: 13899
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 56.8 49.1 73.7



#2
1,4-Dioxane
Concen: 33.728 ng
RT: 3.714 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion: 88 Resp: 12840
Ion Ratio Lower Upper
88 100
58 74.5 55.9 83.9
43 31.5 25.7 38.5

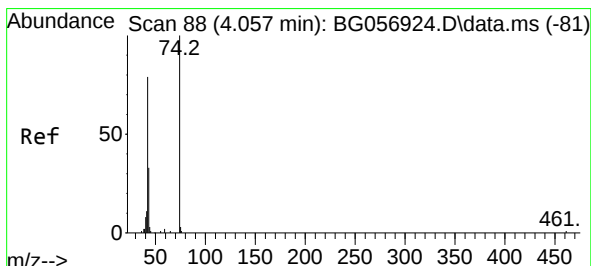
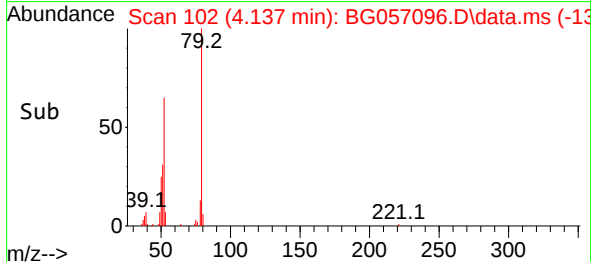
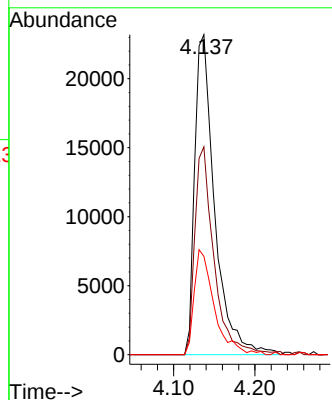
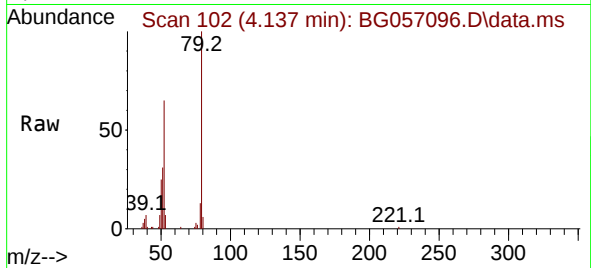




#3
 Pyridine
 Concen: 32.304 ng
 RT: 4.137 min Scan# 104
 Delta R.T. -0.009 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

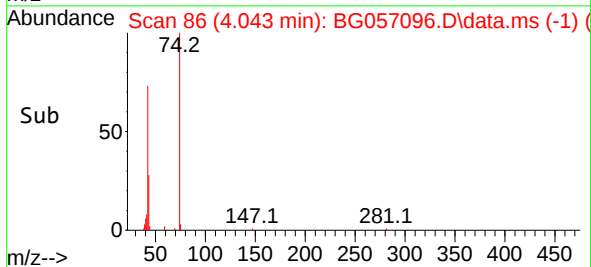
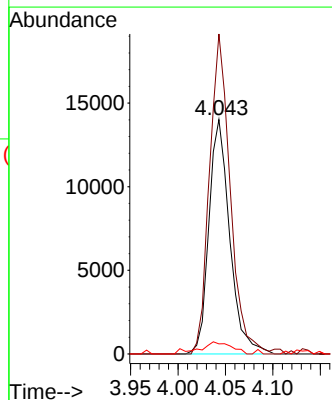
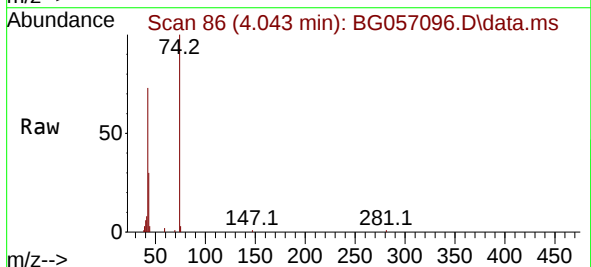
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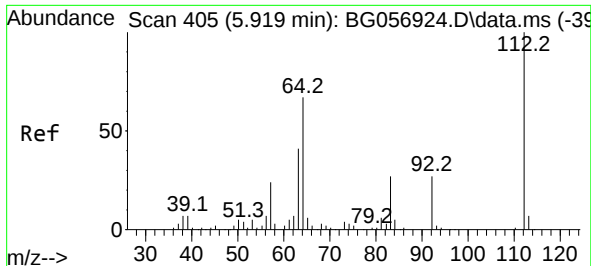
Tgt Ion: 79 Resp: 39610
 Ion Ratio Lower Upper
 79 100
 52 64.9 46.1 69.1
 51 30.8 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 37.997 ng
 RT: 4.043 min Scan# 86
 Delta R.T. -0.009 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

Tgt Ion: 42 Resp: 21421
 Ion Ratio Lower Upper
 42 100
 74 136.5 100.6 151.0
 44 4.3 4.6 7.0

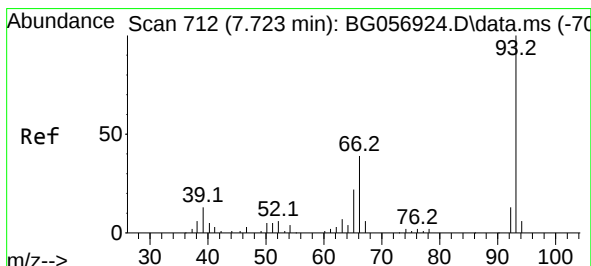
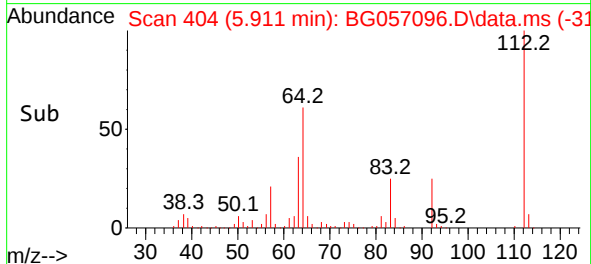
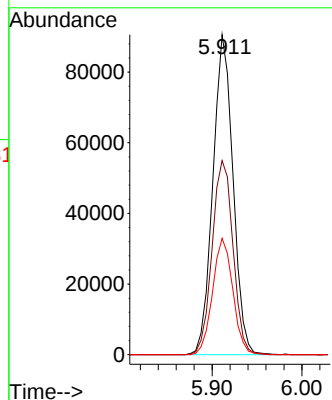
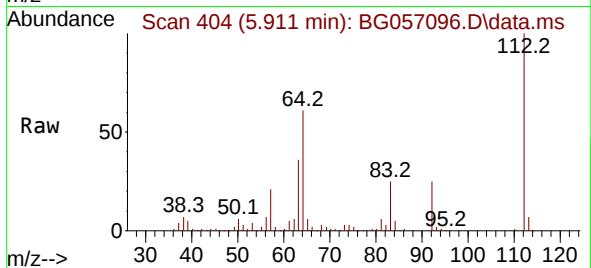




#5
2-Fluorophenol
Concen: 162.347 ng
RT: 5.911 min Scan# 405
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

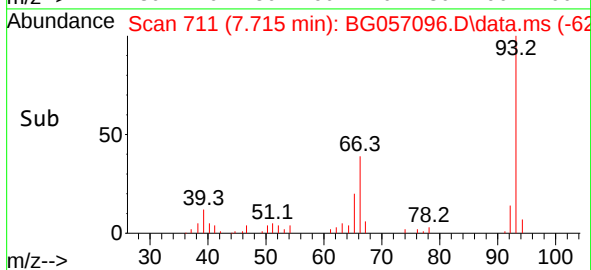
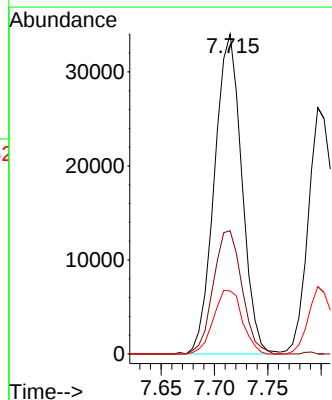
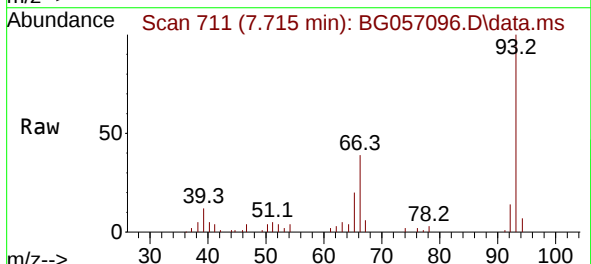
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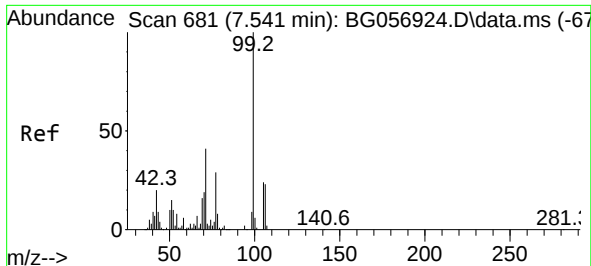
Tgt Ion:112 Resp: 140989
Ion Ratio Lower Upper
112 100
64 60.7 53.2 79.8
63 36.3 32.6 48.8



#6
Aniline
Concen: 36.497 ng
RT: 7.715 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion: 93 Resp: 60603
Ion Ratio Lower Upper
93 100
66 38.5 31.4 47.0
65 19.7 17.3 25.9

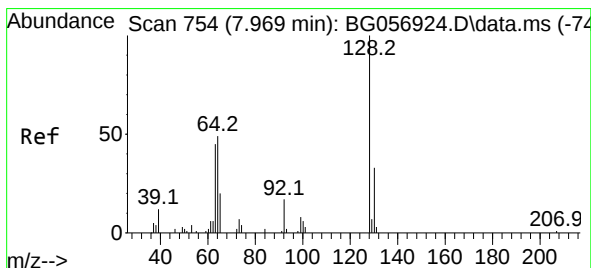
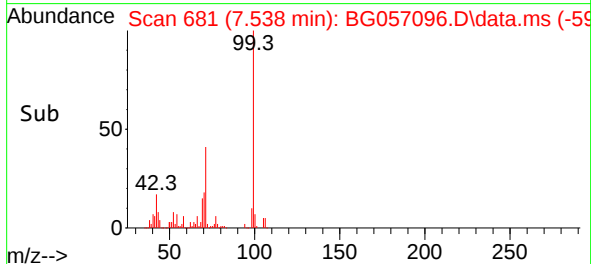
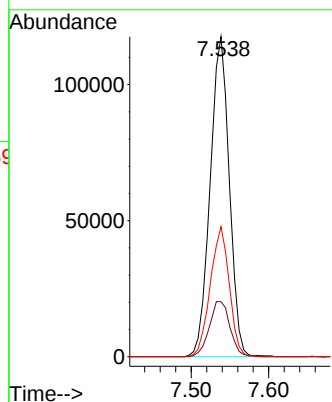
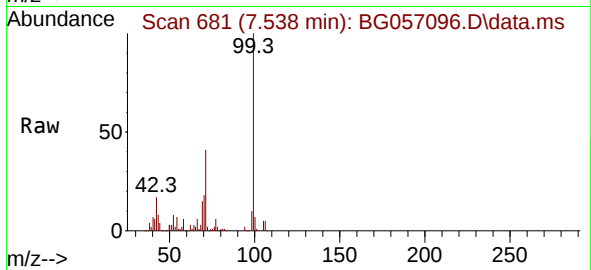




#7
Phenol-d6
Concen: 155.408 ng
RT: 7.538 min Scan# 681
Delta R.T. 0.002 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

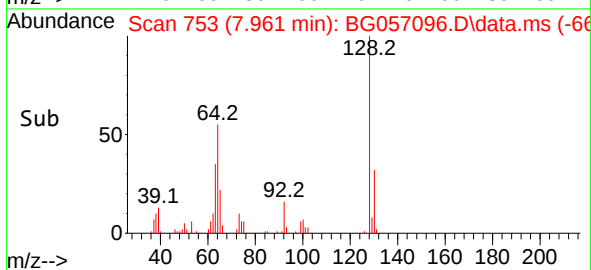
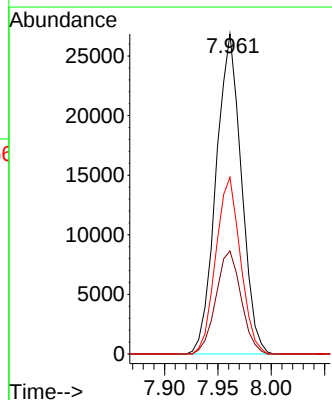
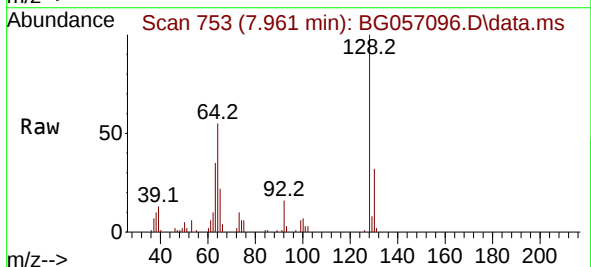
Instrument :
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Tgt Ion: 99 Resp: 201854
Ion Ratio Lower Upper
99 100
42 17.2 15.7 23.5
71 40.6 32.5 48.7



#8
2-Chlorophenol
Concen: 51.286 ng
RT: 7.961 min Scan# 753
Delta R.T. -0.003 min
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Tgt Ion: 128 Resp: 44363
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 55.2 40.6 80.6

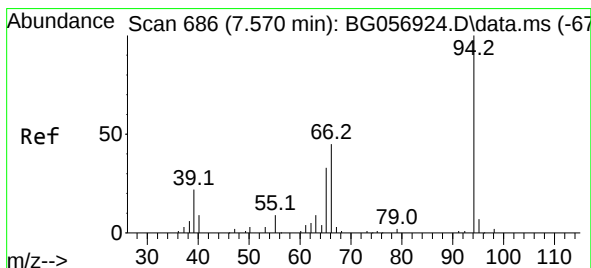
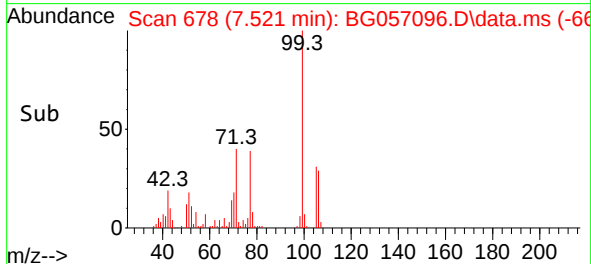
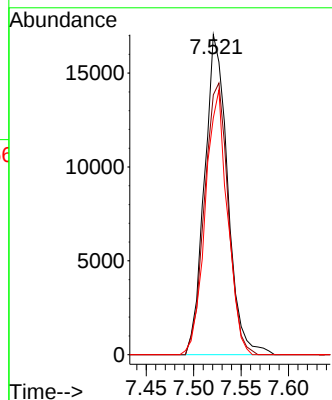
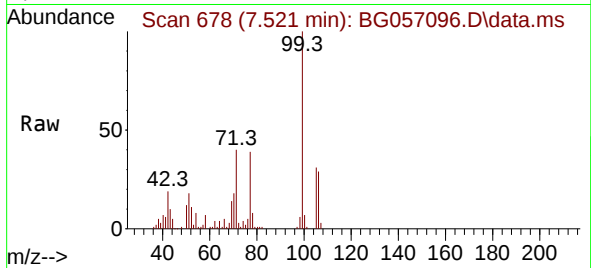




#9
Benzaldehyde
Concen: 35.547 ng
RT: 7.521 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

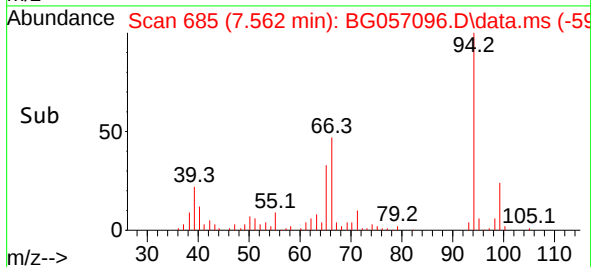
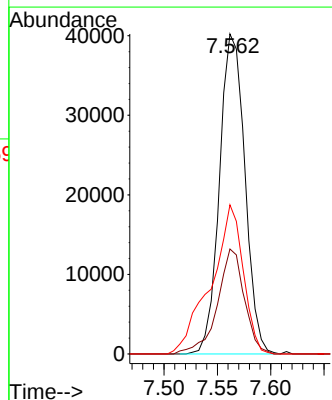
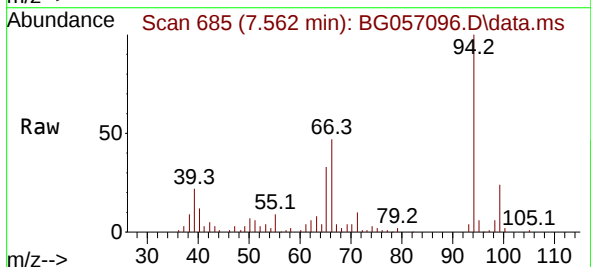
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ClientSampleId :
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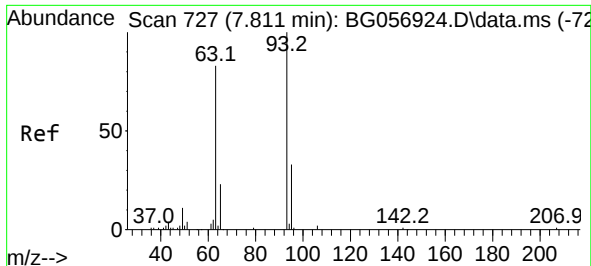
Tgt Ion: 77 Resp: 28959
Ion Ratio Lower Upper
77 100
105 81.2 73.6 113.6
106 74.0 56.7 96.7



#10
Phenol
Concen: 51.698 ng
RT: 7.562 min Scan# 685
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion: 94 Resp: 66536
Ion Ratio Lower Upper
94 100
65 32.8 13.3 53.3
66 46.6 26.7 66.7

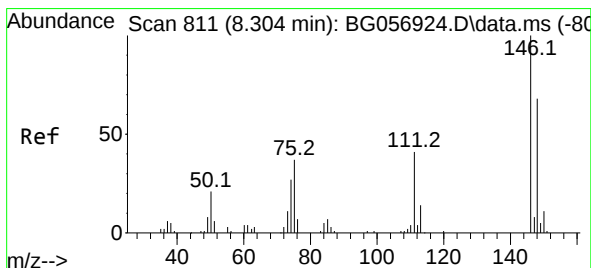
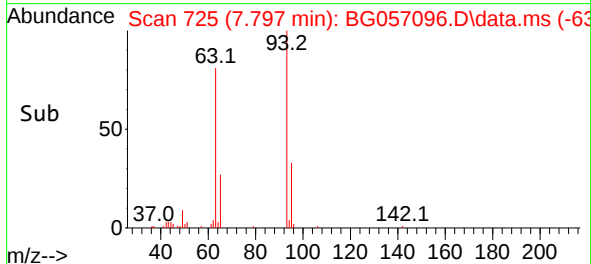
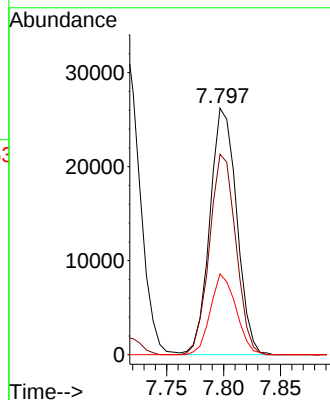
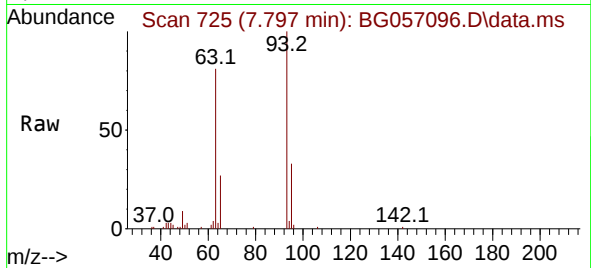




#11
bis(2-Chloroethyl)ether
Concen: 47.032 ng
RT: 7.797 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

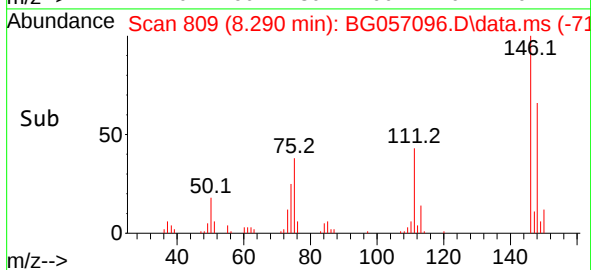
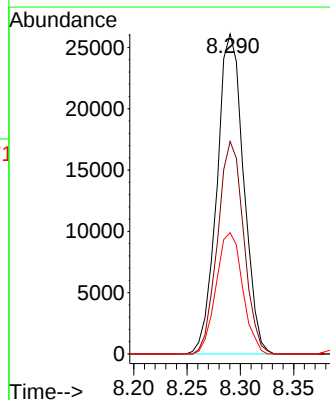
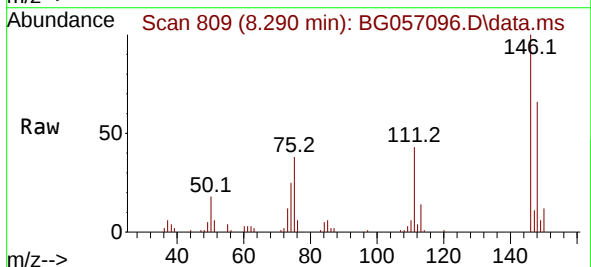
Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion: 93 Resp: 43117
Ion Ratio Lower Upper
93 100
63 81.4 62.7 102.7
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.438 ng
RT: 8.290 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:146 Resp: 45341
Ion Ratio Lower Upper
146 100
148 66.4 54.2 81.4
75 37.9 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 47.469 ng

RT: 8.437 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

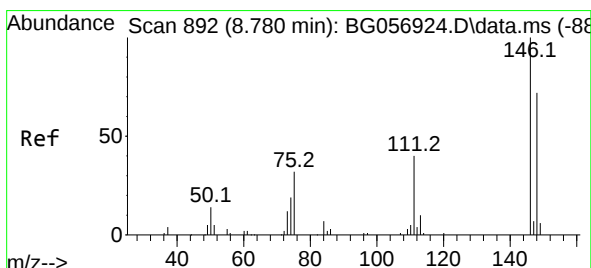
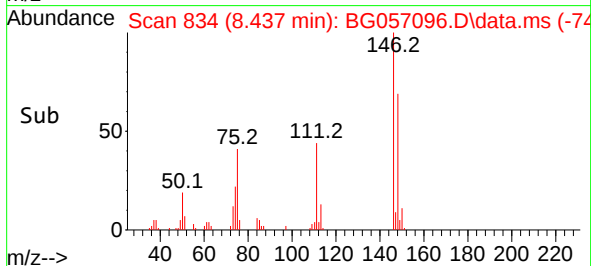
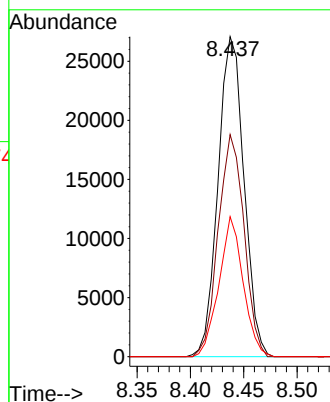
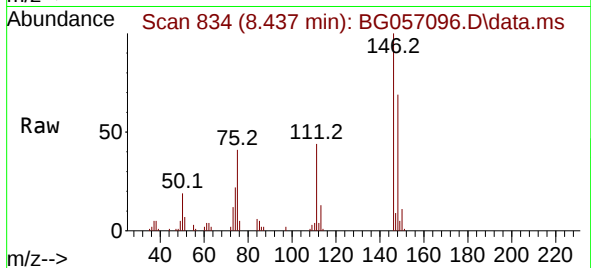
Tgt Ion:146 Resp: 45792

Ion Ratio Lower Upper

146 100

148 69.4 54.8 82.2

111 43.8 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 46.743 ng

RT: 8.760 min Scan# 889

Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

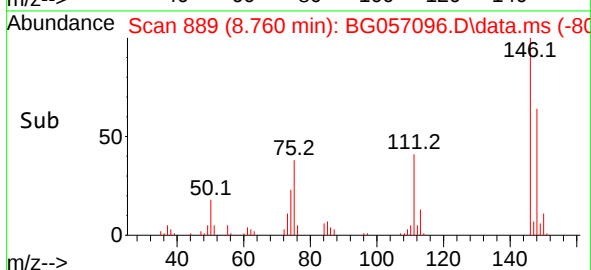
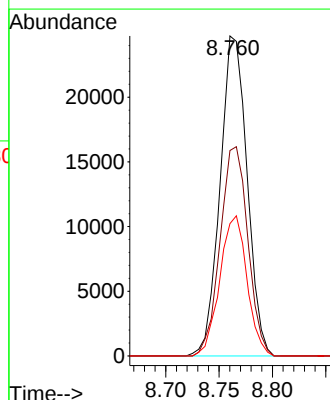
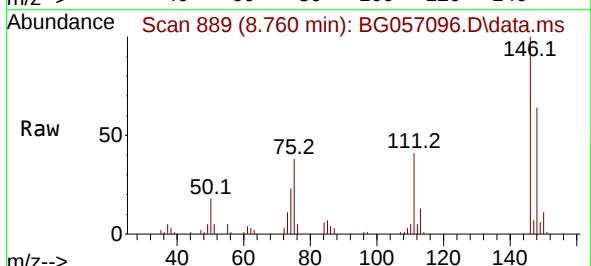
Tgt Ion:146 Resp: 43564

Ion Ratio Lower Upper

146 100

148 64.2 57.4 86.0

111 41.3 33.2 49.8

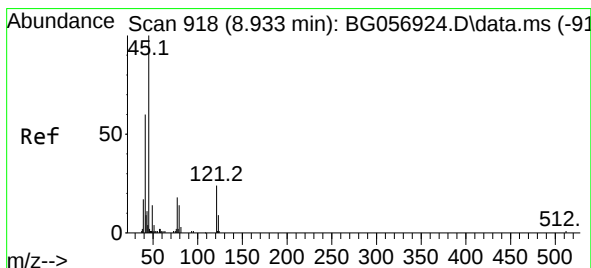
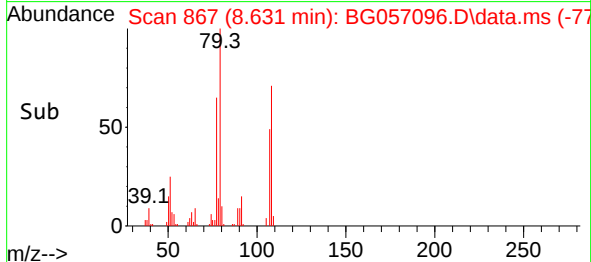
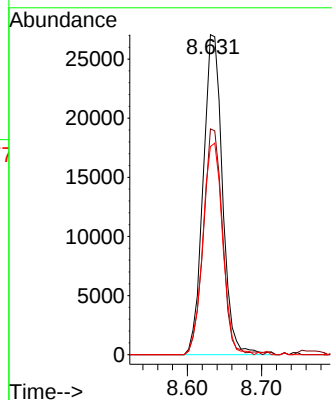
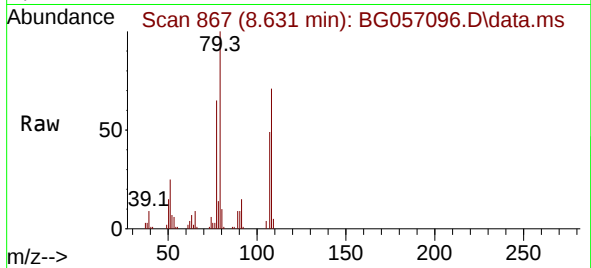




#15
Benzyl Alcohol
Concen: 45.324 ng
RT: 8.631 min Scan# 867
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

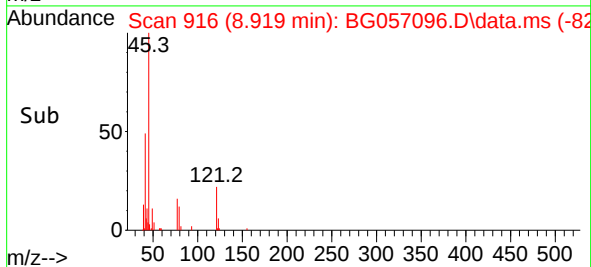
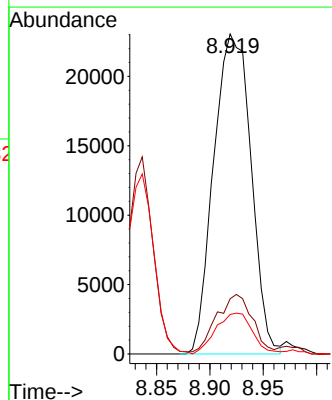
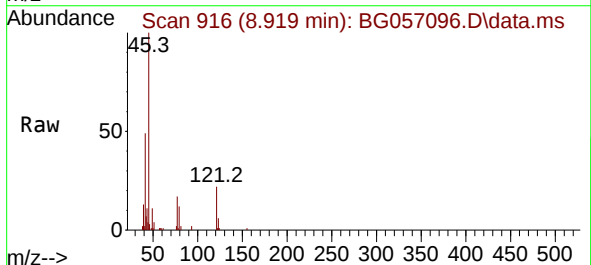
Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion: 79 Resp: 48916
Ion Ratio Lower Upper
79 100
108 70.5 51.2 76.8
77 65.1 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.837 ng
RT: 8.919 min Scan# 916
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion: 45 Resp: 56168
Ion Ratio Lower Upper
45 100
77 17.3 0.0 38.7
79 12.4 0.0 35.1

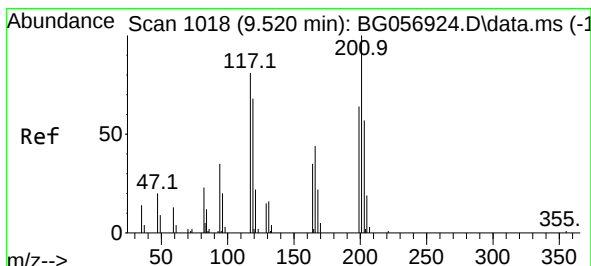
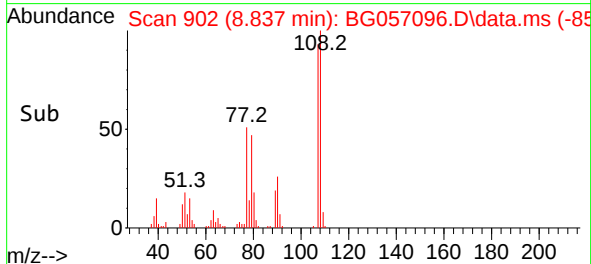
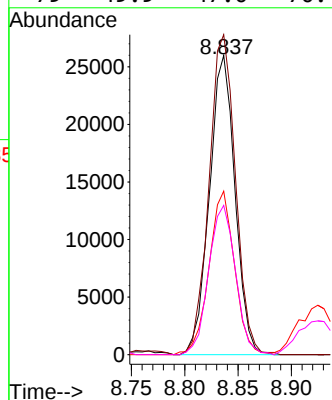
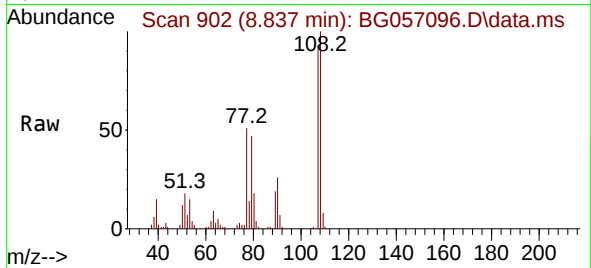




#17
2-Methylphenol
Concen: 47.221 ng
RT: 8.837 min Scan# 903
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

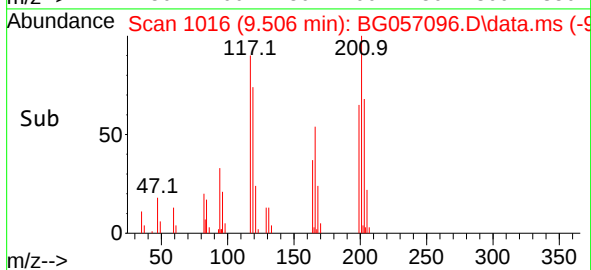
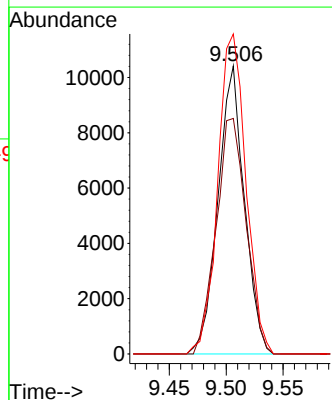
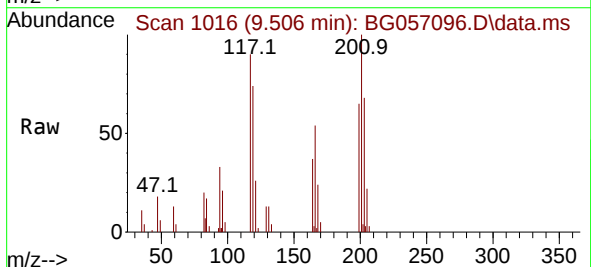
Instrument :
BNA_G
ClientSampleId :
PB152103BS

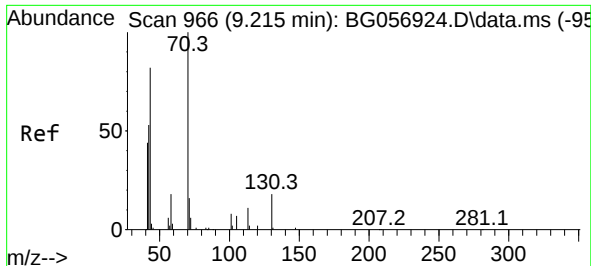
Tgt Ion:	107	Resp:	43358
Ion Ratio	Lower	Upper	
107	100		
108	107.0	96.0	144.0
77	54.6	45.6	68.4
79	49.9	47.0	70.4



#18
Hexachloroethane
Concen: 47.506 ng
RT: 9.506 min Scan# 1016
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:	117	Resp:	16750
Ion Ratio	Lower	Upper	
117	100		
119	81.8	67.0	100.6
201	111.1	98.7	148.1

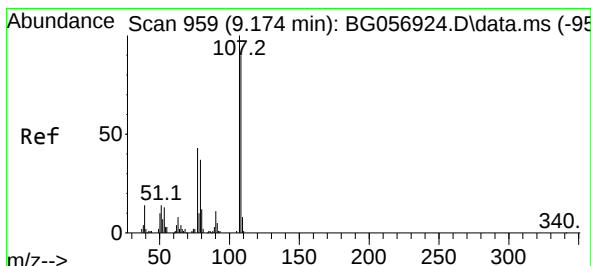
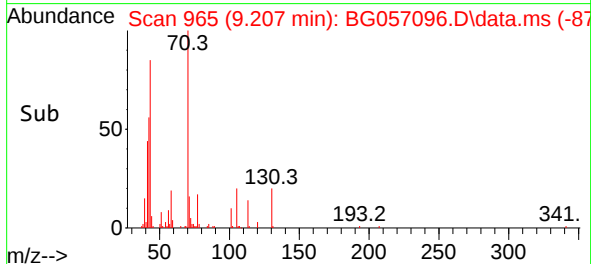
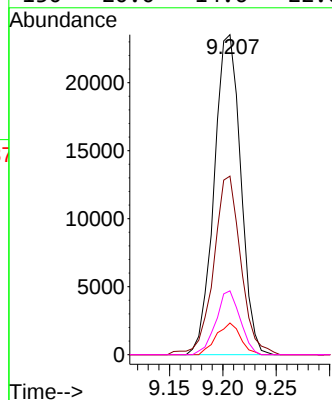
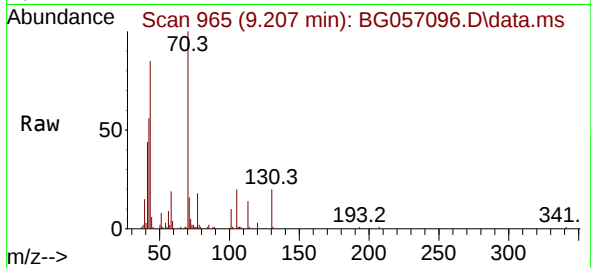




#19
n-Nitroso-di-n-propylamine
Concen: 43.796 ng
RT: 9.207 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

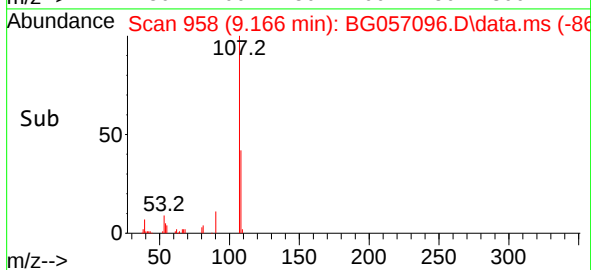
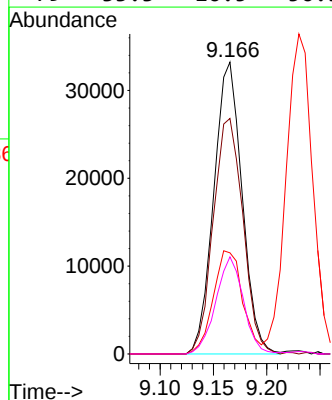
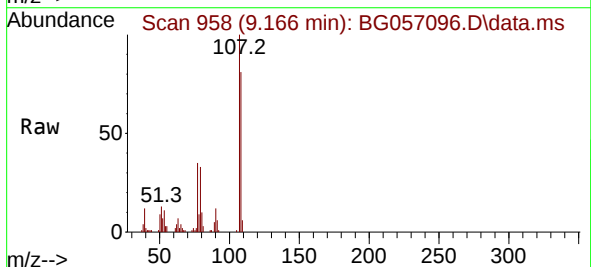
Instrument :
BNA_G
ClientSampleId :
PB152103BS

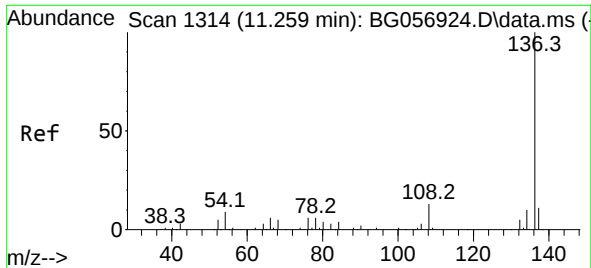
Tgt Ion: 70 Resp: 40688
Ion Ratio Lower Upper
70 100
42 55.8 43.4 65.0
101 9.9 6.2 9.2#
130 20.0 14.6 22.0



#20
3+4-Methylphenols
Concen: 47.700 ng
RT: 9.166 min Scan# 958
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion: 107 Resp: 61244
Ion Ratio Lower Upper
107 100
108 80.7 69.9 109.9
77 34.6 22.7 62.7
79 33.3 16.5 56.5





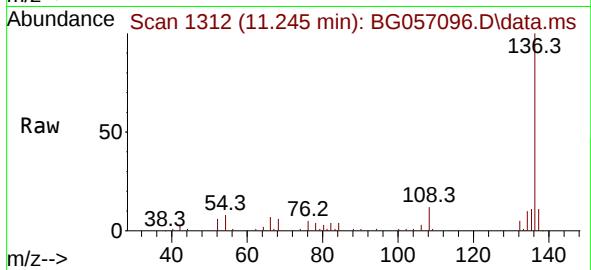
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :

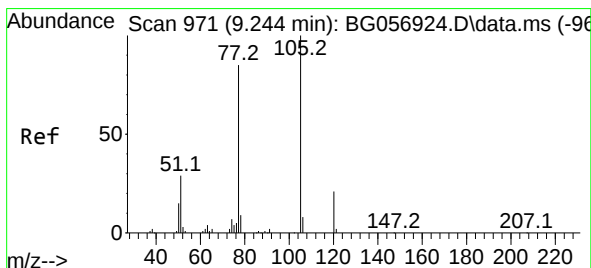
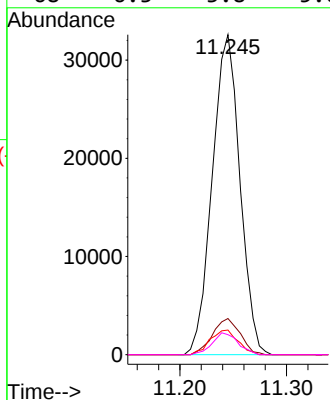
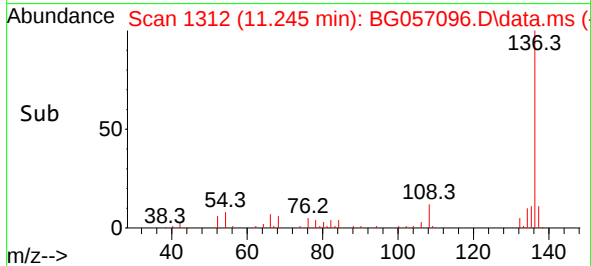
BNA_G

ClientSampleId :

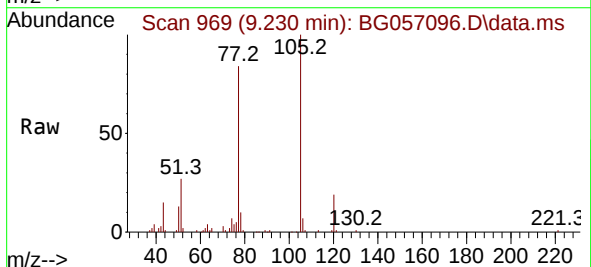
PB152103BS



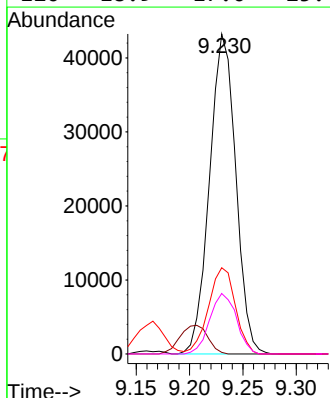
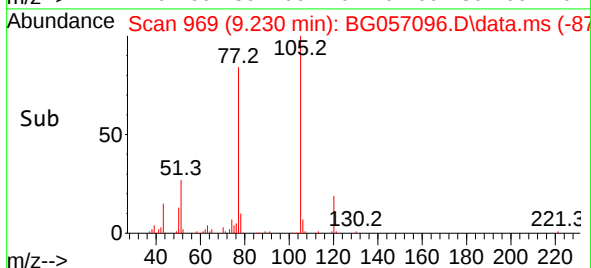
Tgt Ion:136 Resp: 58616
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.7 6.9 10.3
68 6.3 3.8 5.6#

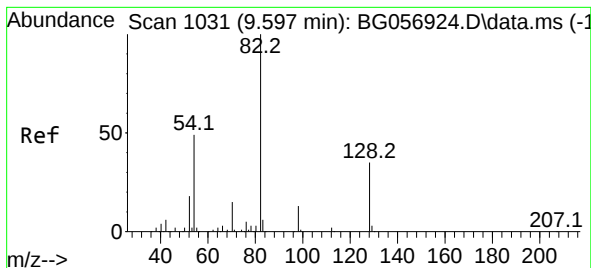


#22
Acetophenone
Concen: 42.408 ng
RT: 9.230 min Scan# 969
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51



Tgt Ion:105 Resp: 73968
Ion Ratio Lower Upper
105 100
71 0.5 0.7 1.1#
51 27.0 23.8 35.8
120 18.9 17.0 25.4





#23

Nitrobenzene-d5

Concen: 87.268 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

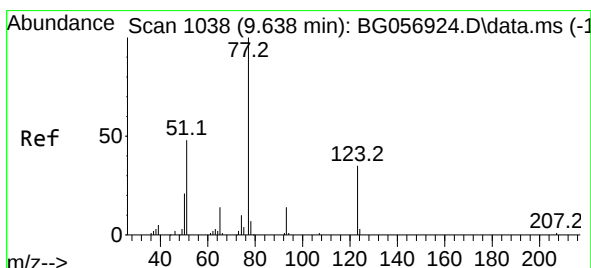
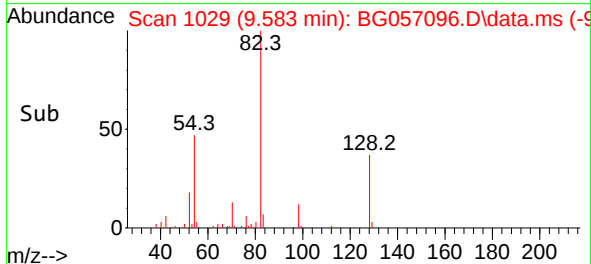
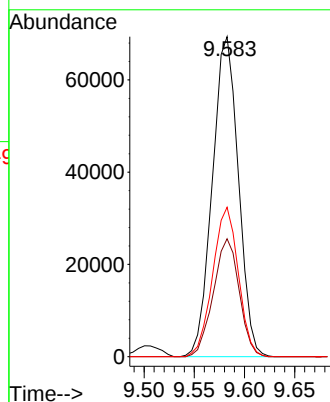
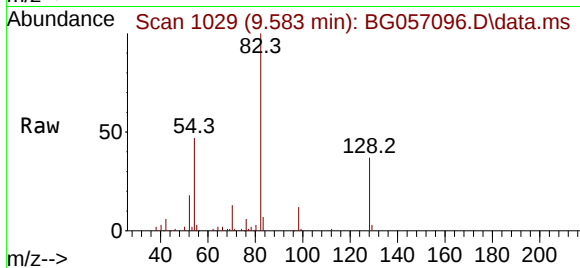
Tgt Ion: 82 Resp: 125014

Ion Ratio Lower Upper

82 100

128 36.8 27.9 41.9

54 46.7 39.4 59.2



#24

Nitrobenzene

Concen: 40.809 ng

RT: 9.624 min Scan# 1036

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

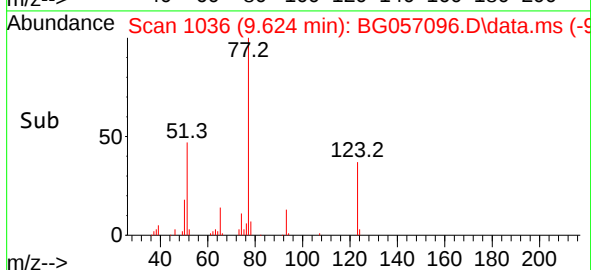
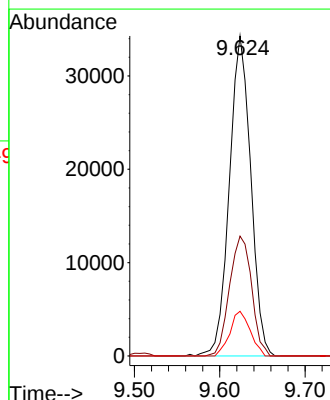
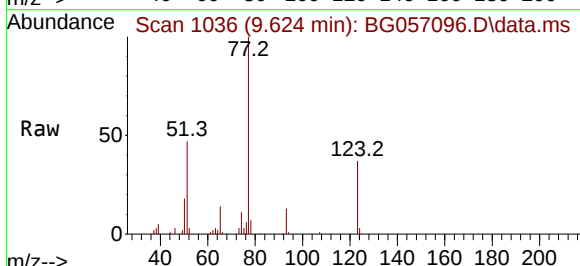
Tgt Ion: 77 Resp: 59769

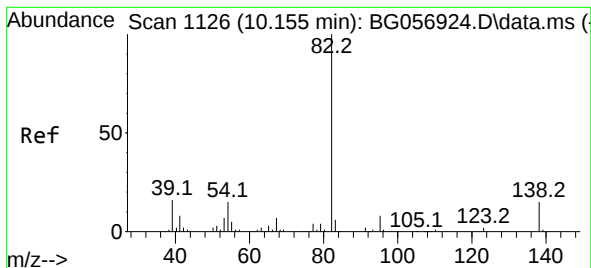
Ion Ratio Lower Upper

77 100

123 37.5 27.6 41.4

65 13.9 11.5 17.3





#25

Isophorone

Concen: 40.468 ng

RT: 10.147 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

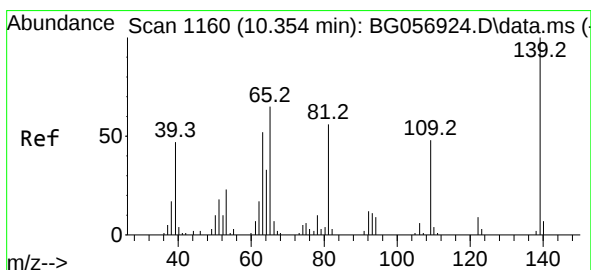
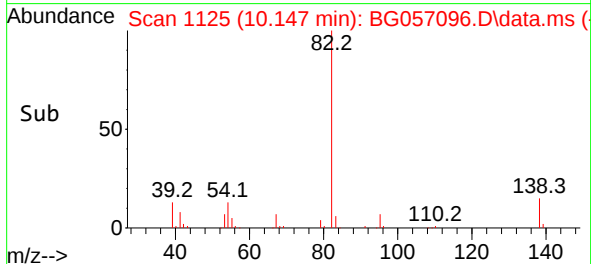
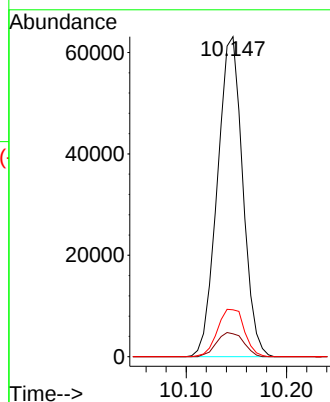
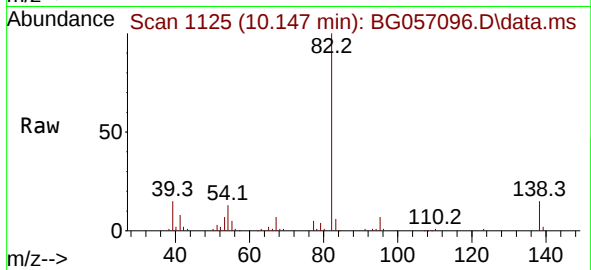
Tgt Ion: 82 Resp: 110394

Ion Ratio Lower Upper

82 100

95 7.2 6.3 9.5

138 14.6 11.8 17.8



#26

2-Nitrophenol

Concen: 45.875 ng

RT: 10.340 min Scan# 1158

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

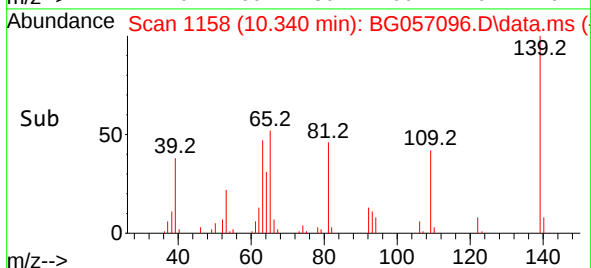
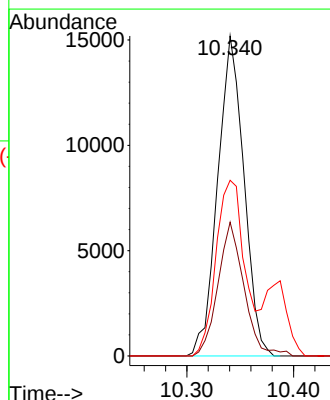
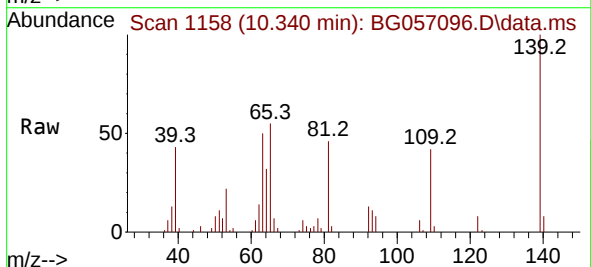
Tgt Ion:139 Resp: 25934

Ion Ratio Lower Upper

139 100

109 41.8 38.2 57.4

65 54.9 51.8 77.8

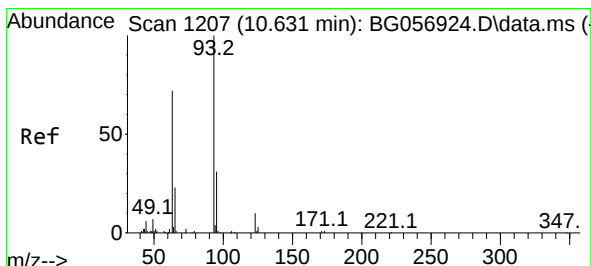
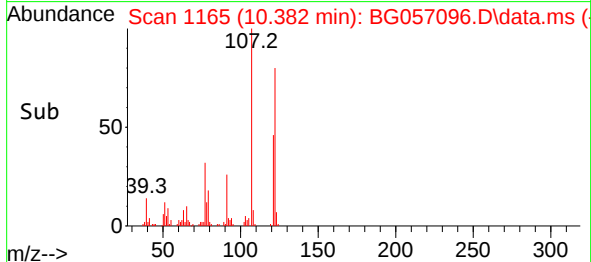
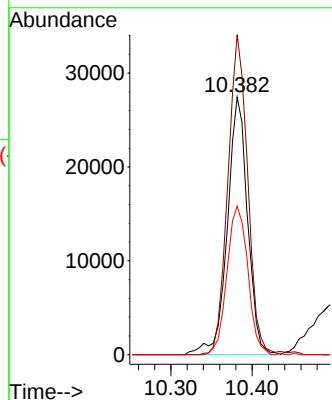
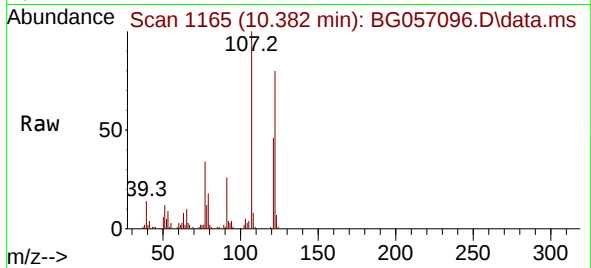




#27
2,4-Dimethylphenol
Concen: 47.462 ng
RT: 10.382 min Scan# 1165
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

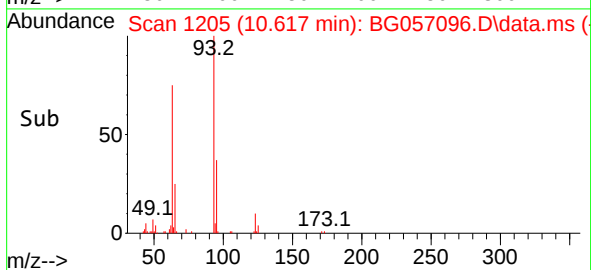
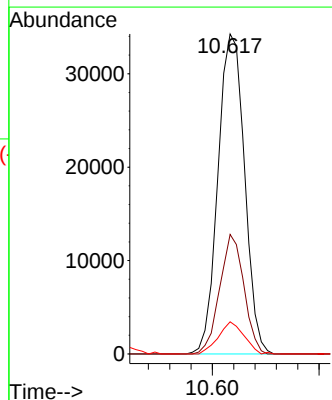
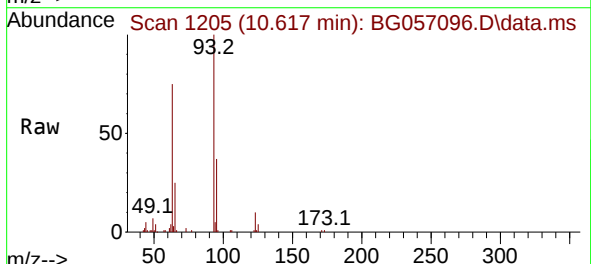
Instrument :
BNA_G
ClientSampleId :
PB152103BS

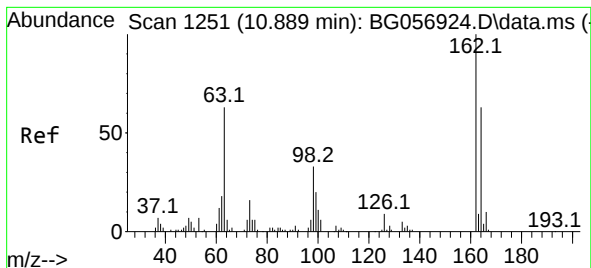
Tgt Ion:122 Resp: 47373
Ion Ratio Lower Upper
122 100
107 124.3 105.7 158.5
121 57.7 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.359 ng
RT: 10.617 min Scan# 1205
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion: 93 Resp: 59215
Ion Ratio Lower Upper
93 100
95 37.4 24.6 37.0#
123 10.1 7.8 11.6

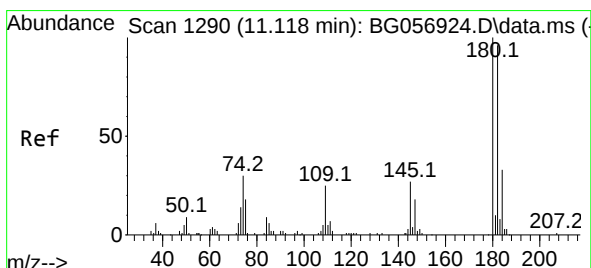
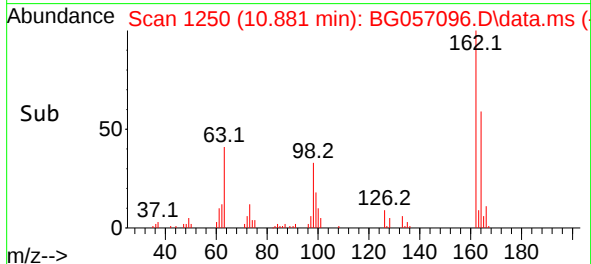
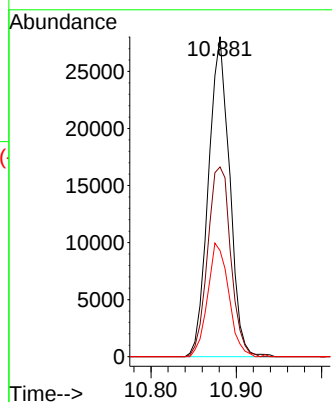
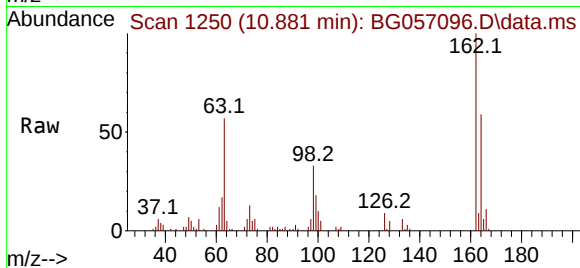




#29
2,4-Dichlorophenol
Concen: 44.935 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

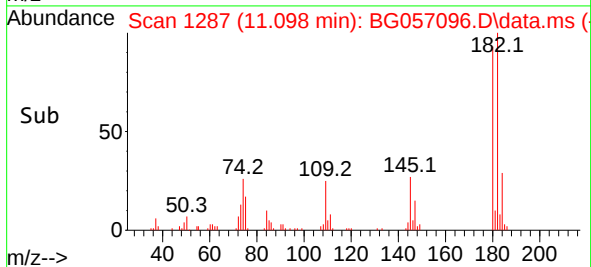
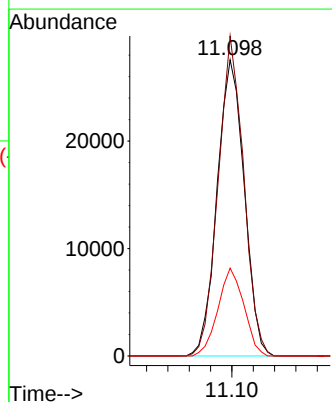
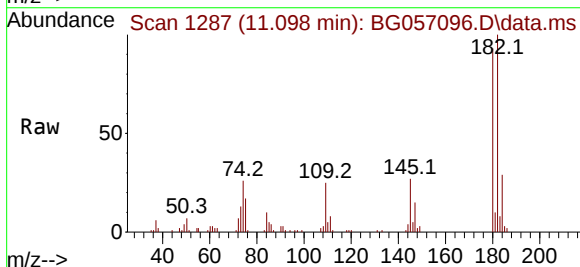
Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:162 Resp: 48235
Ion Ratio Lower Upper
162 100
164 59.3 43.4 83.4
98 33.1 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 42.666 ng
RT: 11.098 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:180 Resp: 48663
Ion Ratio Lower Upper
180 100
182 108.0 77.1 115.7
145 29.7 21.3 31.9

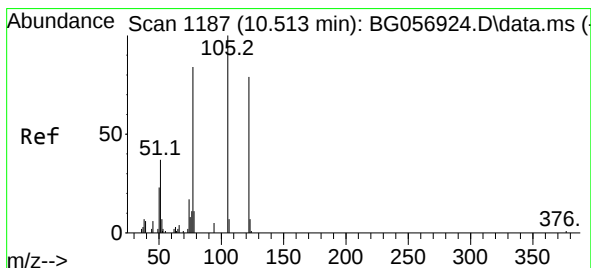
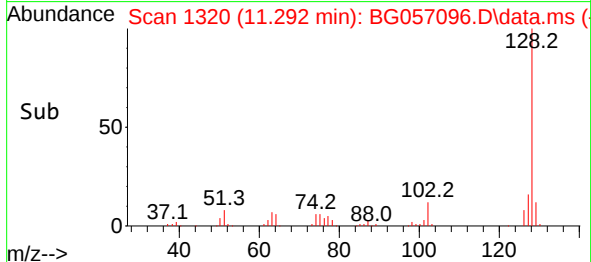
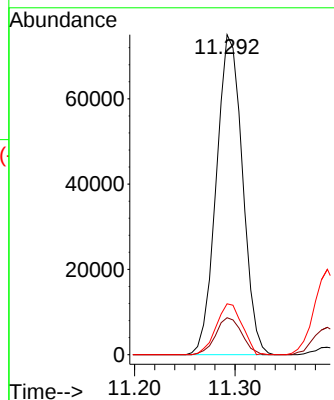
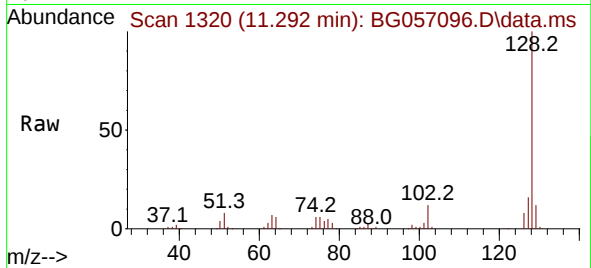




#31
Naphthalene
Concen: 42.421 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

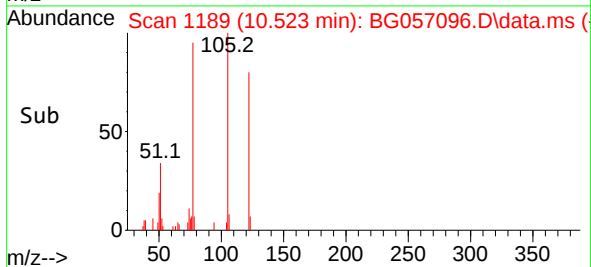
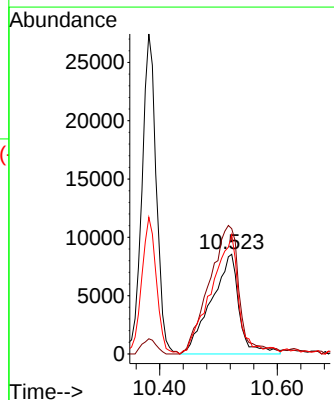
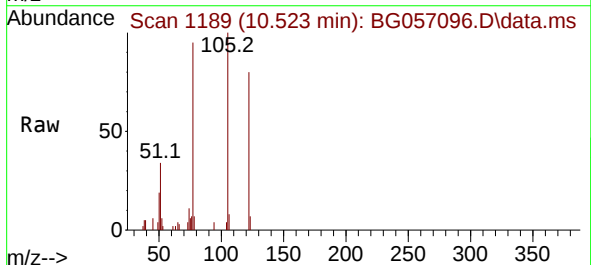
Instrument :
BNA_G
ClientSampleId :
PB152103BS

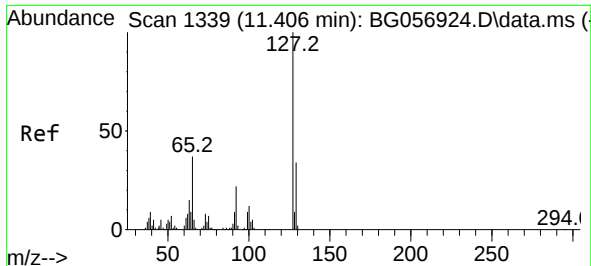
Tgt Ion:128 Resp: 135533
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 15.9 12.2 18.4



#32
Benzoic acid
Concen: 41.078 ng
RT: 10.523 min Scan# 1189
Delta R.T. 0.014 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:122 Resp: 28164
Ion Ratio Lower Upper
122 100
105 125.7 105.4 145.4
77 119.8 87.4 127.4

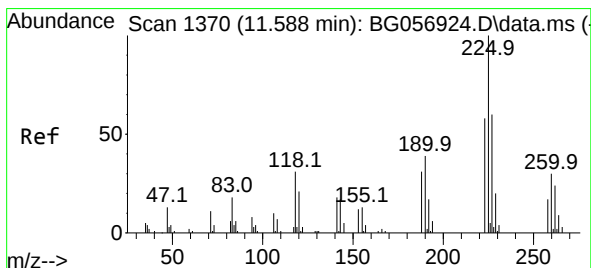
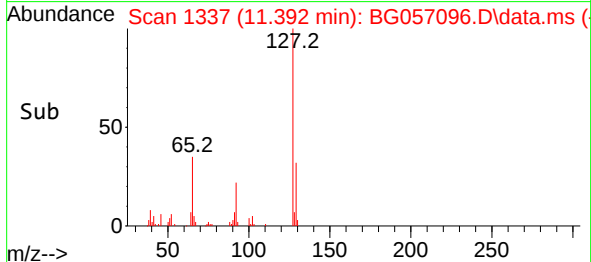
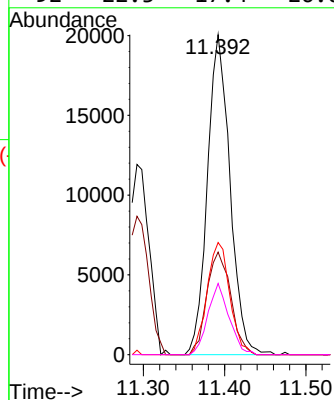
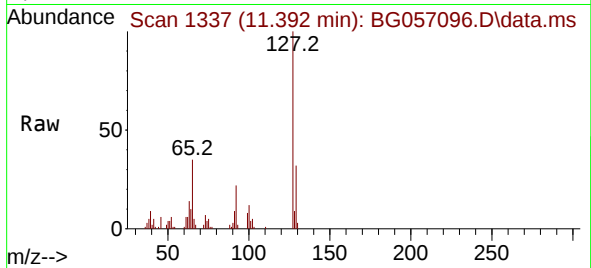




#33
4-Chloroaniline
Concen: 26.871 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

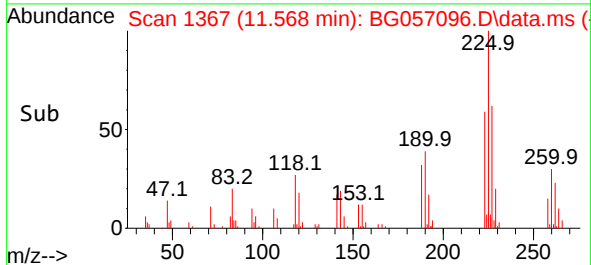
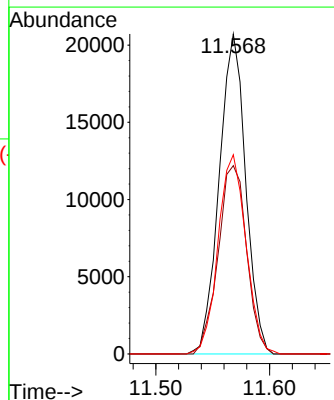
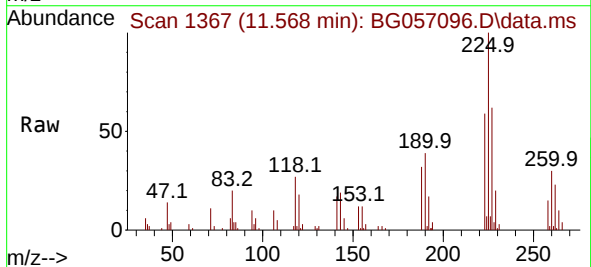
Instrument :
BNA_G
ClientSampleId :
PB152103BS

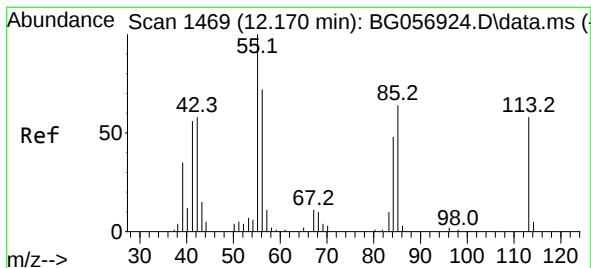
Tgt Ion:	127	Resp:	38775
Ion Ratio	Lower	Upper	
127	100		
129	32.1	27.6	41.4
65	35.1	29.8	44.8
92	22.3	17.4	26.0



#34
Hexachlorobutadiene
Concen: 39.171 ng
RT: 11.568 min Scan# 1367
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:	225	Resp:	33560
Ion Ratio	Lower	Upper	
225	100		
223	58.9	46.4	69.6
227	62.3	48.0	72.0





#35

Caprolactam

Concen: 27.934 ng

RT: 12.156 min Scan# 1467

Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

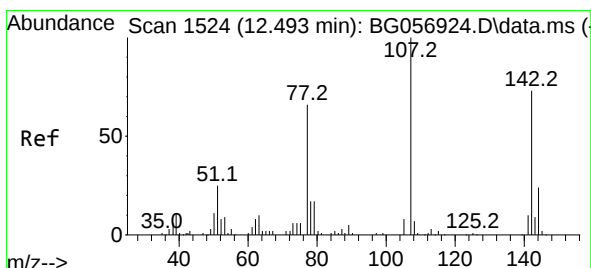
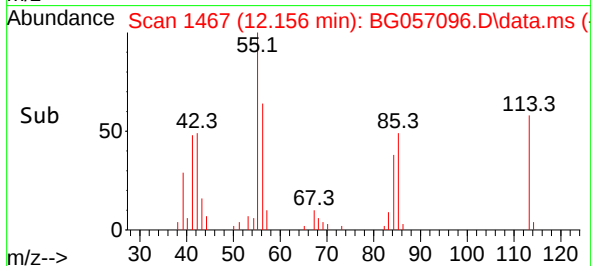
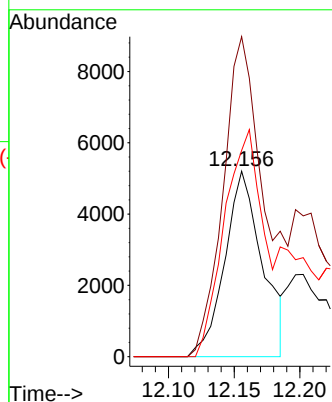
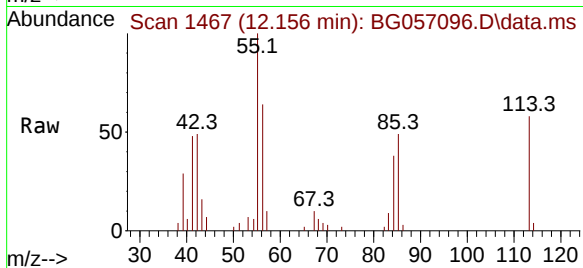
Tgt Ion:113 Resp: 10341

Ion Ratio Lower Upper

113 100

55 172.6 151.6 191.6

56 111.3 103.7 143.7



#36

4-Chloro-3-methylphenol

Concen: 44.938 ng

RT: 12.485 min Scan# 1523

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

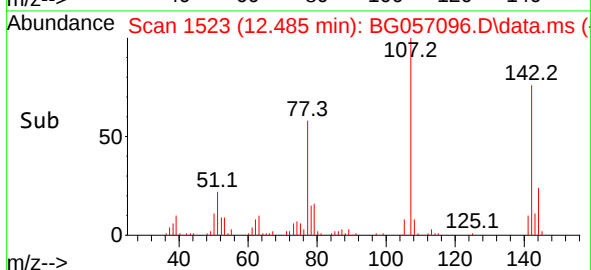
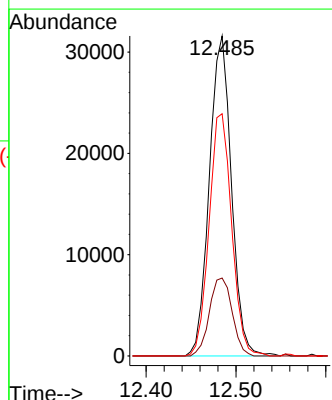
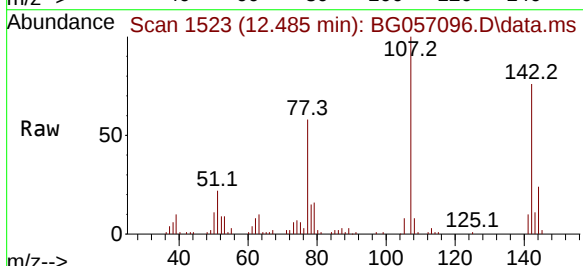
Tgt Ion:107 Resp: 53946

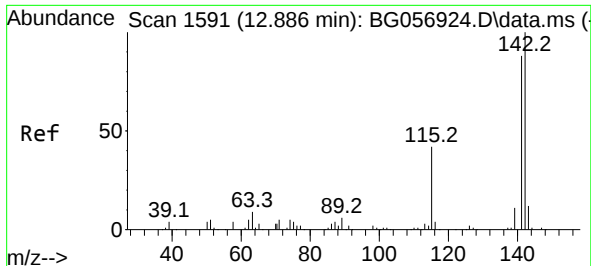
Ion Ratio Lower Upper

107 100

144 24.3 19.0 28.4

142 75.7 58.6 88.0

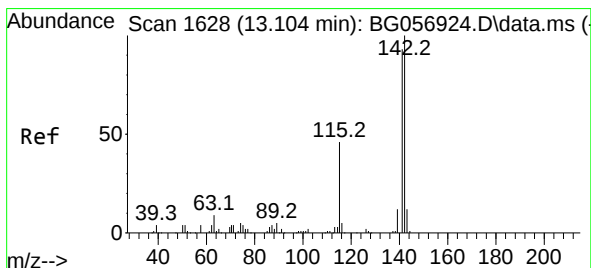
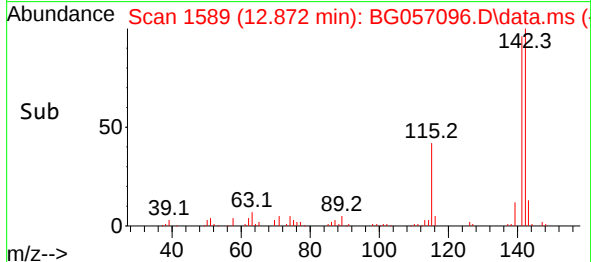
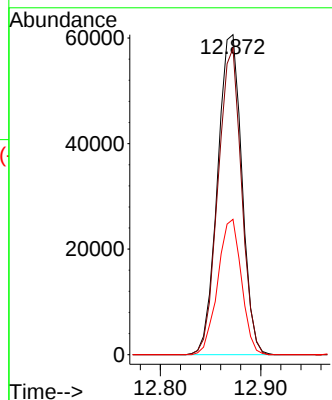
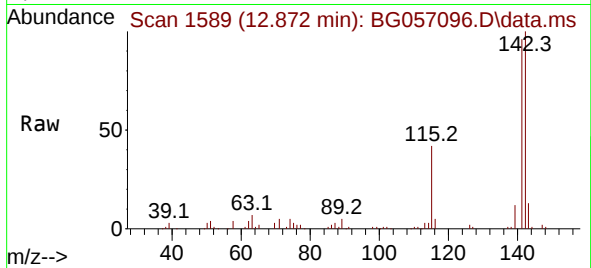




#37
2-Methylnaphthalene
Concen: 40.153 ng
RT: 12.872 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

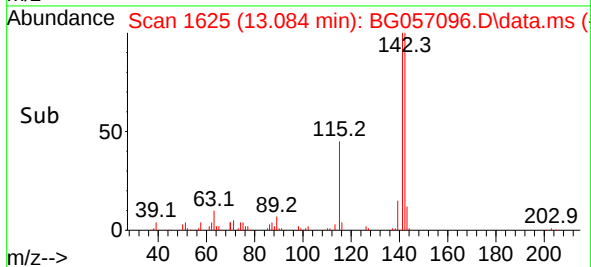
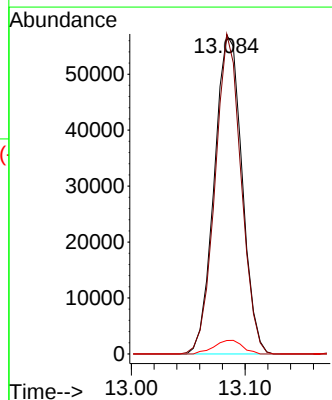
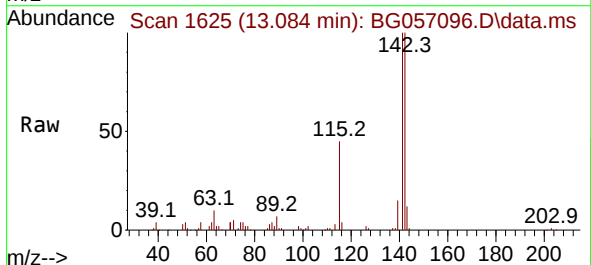
Instrument :
BNA_G
ClientSampleId :
PB152103BS

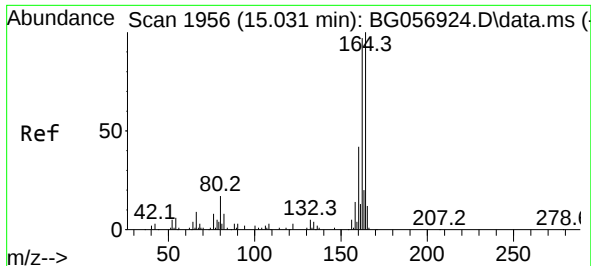
Tgt Ion:142 Resp: 101817
Ion Ratio Lower Upper
142 100
141 95.7 70.3 105.5
115 42.3 33.5 50.3



#38
1-Methylnaphthalene
Concen: 40.569 ng
RT: 13.084 min Scan# 1625
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:142 Resp: 96597
Ion Ratio Lower Upper
142 100
141 100.3 74.0 111.0
116 4.2 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

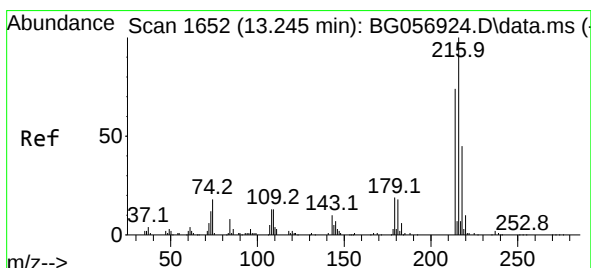
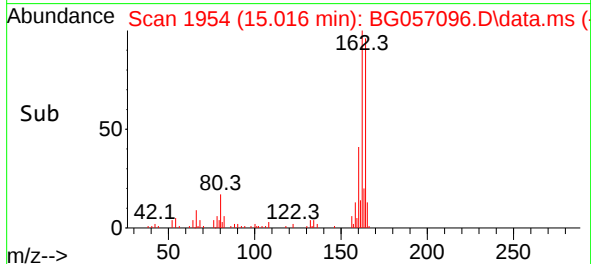
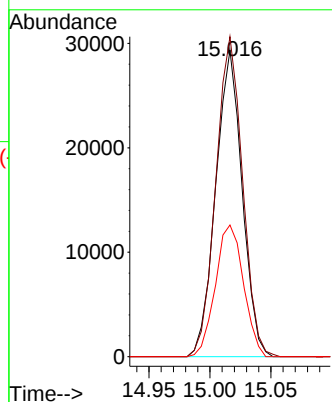
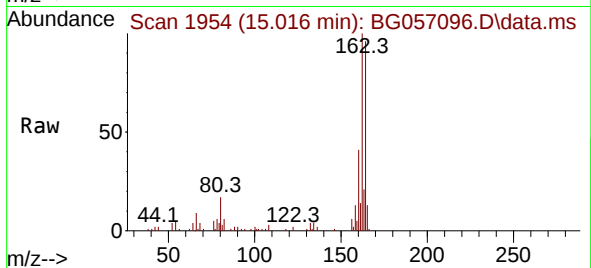
Tgt Ion:164 Resp: 44212

Ion Ratio Lower Upper

164 100

162 104.4 77.8 116.8

160 43.0 33.5 50.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.764 ng

RT: 13.231 min Scan# 1650

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Tgt Ion:216 Resp: 67096

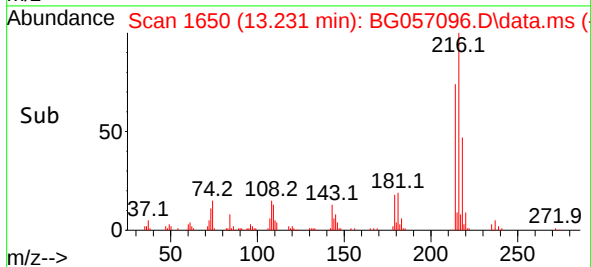
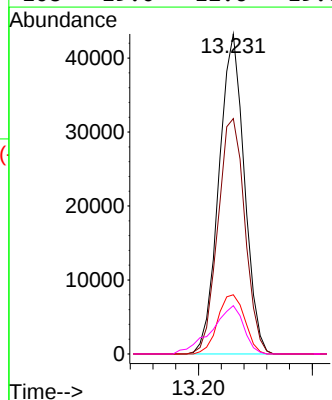
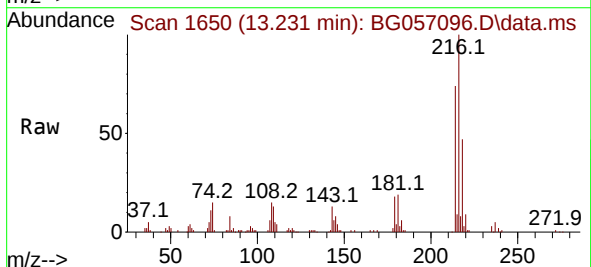
Ion Ratio Lower Upper

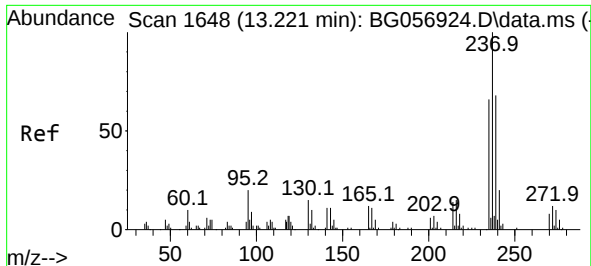
216 100

214 78.0 63.3 94.9

179 19.6 15.0 22.6

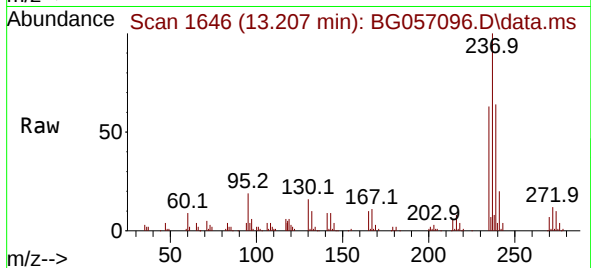
108 19.0 12.6 19.0#



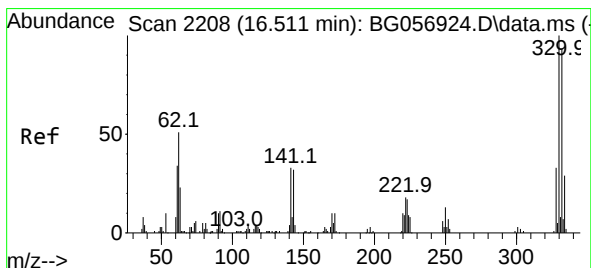
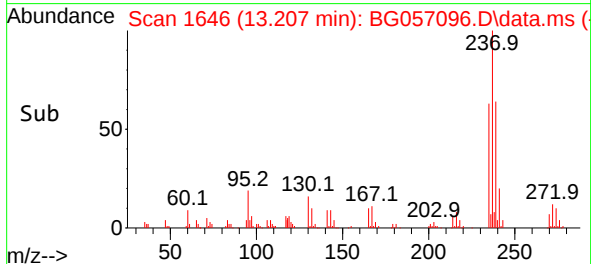
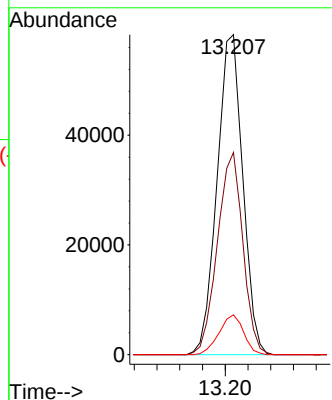


#41
Hexachlorocyclopentadiene
Concen: 108.400 ng
RT: 13.207 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Instrument :
BNA_G
ClientSampleId :
PB152103BS

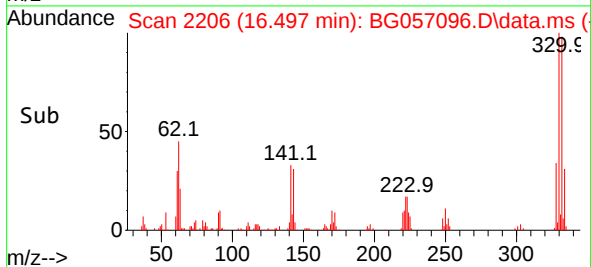
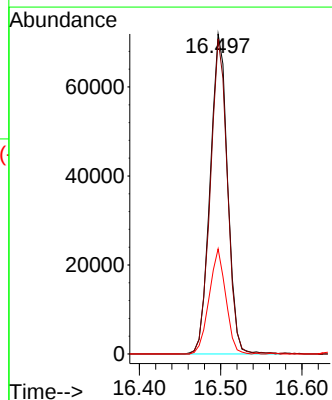
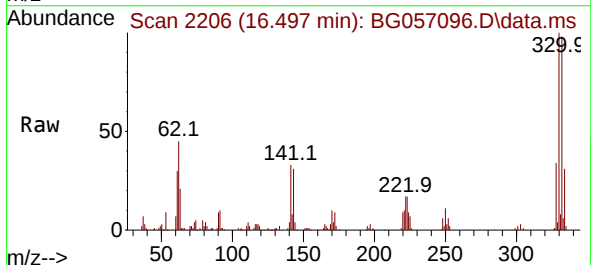


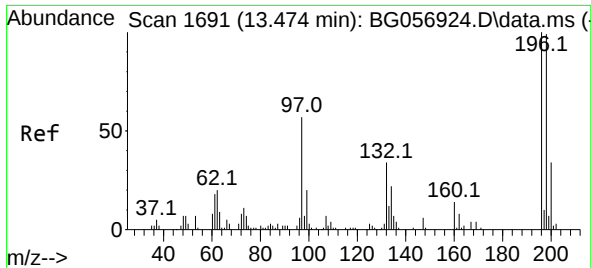
Tgt Ion:237 Resp: 91568
Ion Ratio Lower Upper
237 100
235 63.2 45.9 85.9
272 12.5 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 151.019 ng
RT: 16.497 min Scan# 2206
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:330 Resp: 106665
Ion Ratio Lower Upper
330 100
332 96.4 76.1 114.1
141 31.3 25.8 38.6

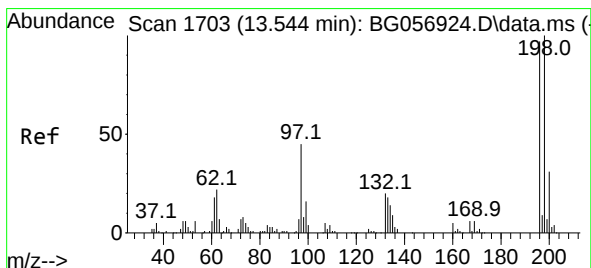
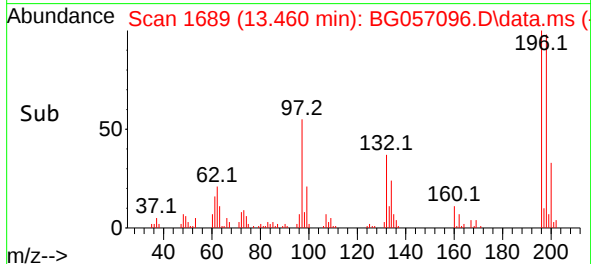
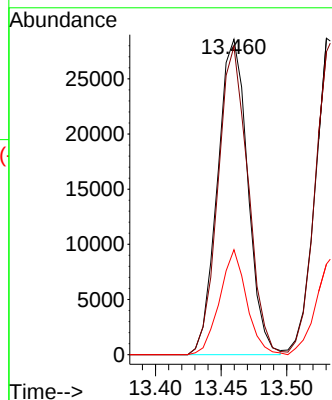
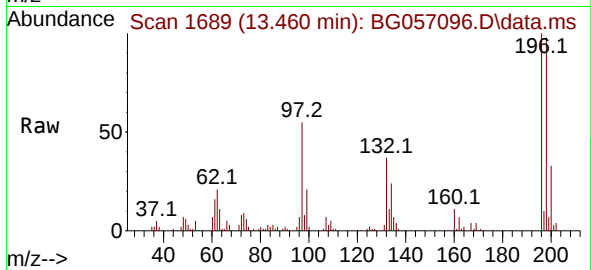




#43
2,4,6-Trichlorophenol
Concen: 46.769 ng
RT: 13.460 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

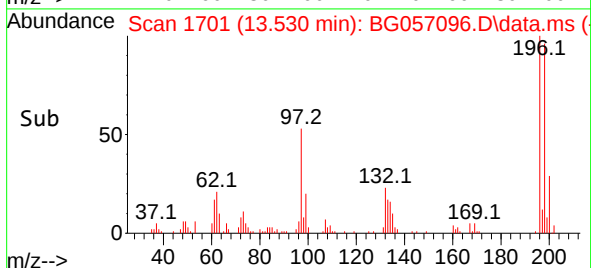
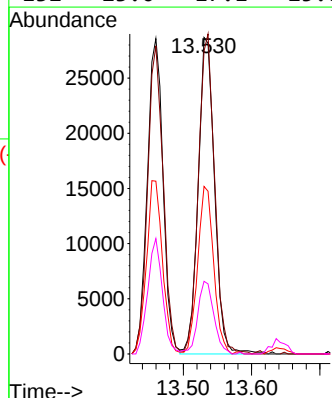
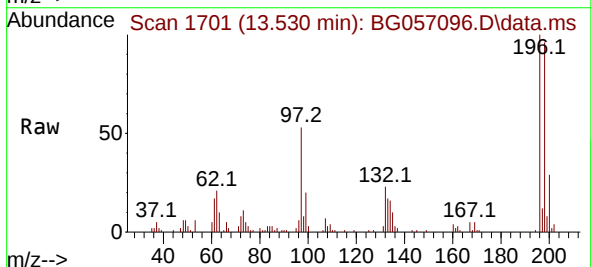
Instrument :
BNA_G
ClientSampleId :
PB152103BS

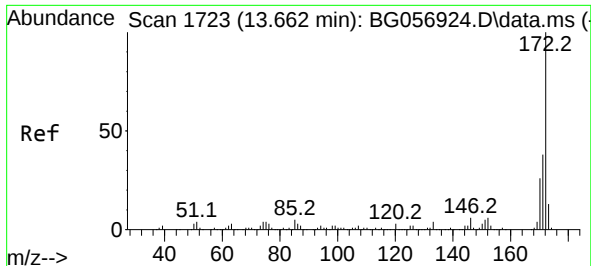
Tgt Ion:196 Resp: 45757
Ion Ratio Lower Upper
196 100
198 97.7 79.1 118.7
200 33.3 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 41.426 ng
RT: 13.530 min Scan# 1701
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:196 Resp: 48014
Ion Ratio Lower Upper
196 100
198 95.7 82.5 123.7
97 52.9 37.0 55.6
132 23.0 17.1 25.7

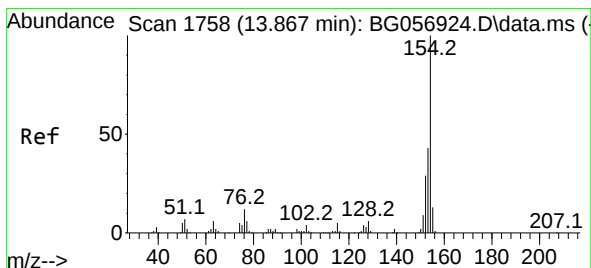
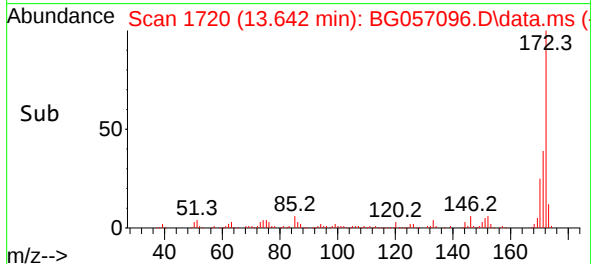
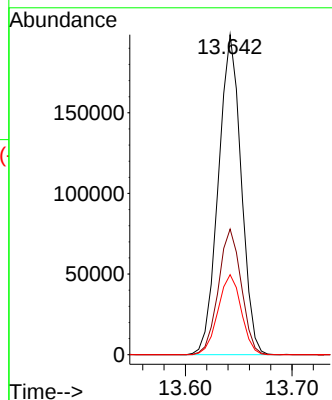
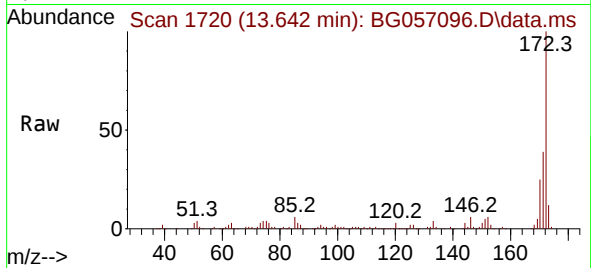




#45
2-Fluorobiphenyl
Concen: 90.258 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

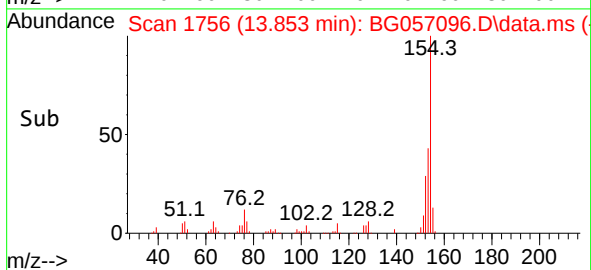
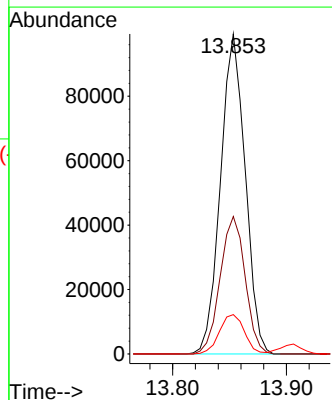
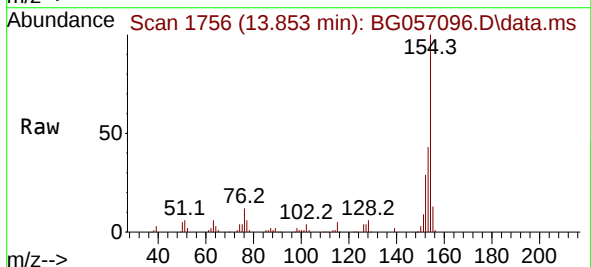
Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:172 Resp: 294282
Ion Ratio Lower Upper
172 100
171 39.3 30.6 46.0
170 25.0 20.6 30.8



#46
1,1'-Biphenyl
Concen: 46.285 ng
RT: 13.853 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:154 Resp: 149798
Ion Ratio Lower Upper
154 100
153 43.0 23.4 63.4
76 12.3 0.0 31.6

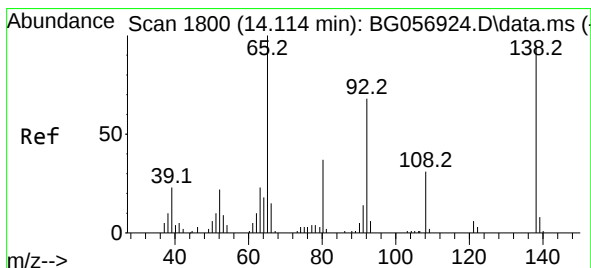
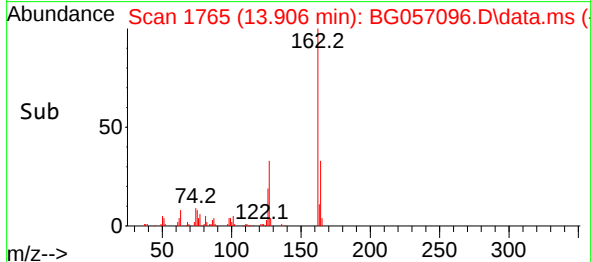
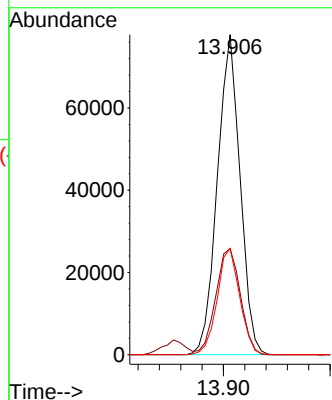
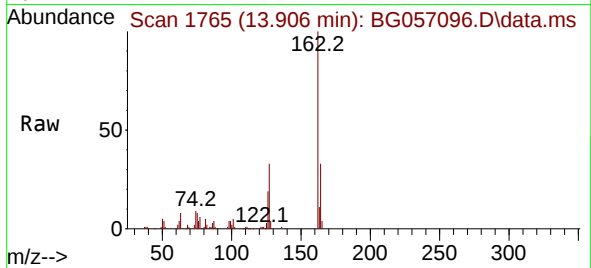




#47
2-Chloronaphthalene
Concen: 47.967 ng
RT: 13.906 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

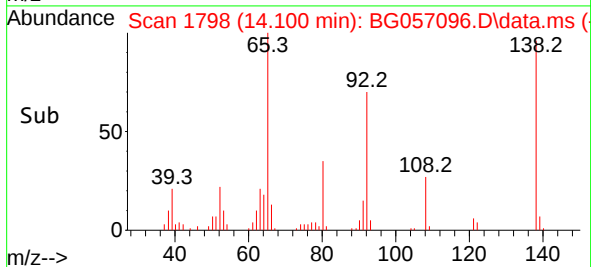
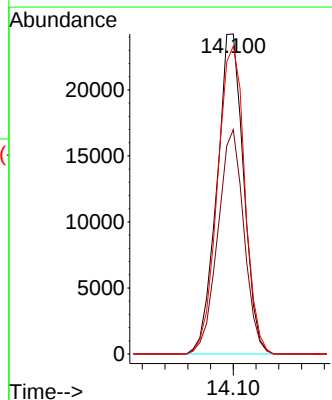
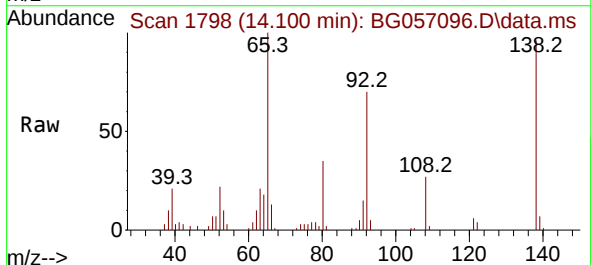
Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:162 Resp: 114816
Ion Ratio Lower Upper
162 100
127 33.2 29.5 44.3
164 33.2 25.5 38.3



#48
2-Nitroaniline
Concen: 46.170 ng
RT: 14.100 min Scan# 1798
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion: 65 Resp: 39517
Ion Ratio Lower Upper
65 100
92 70.1 54.3 81.5
138 96.3 76.0 114.0

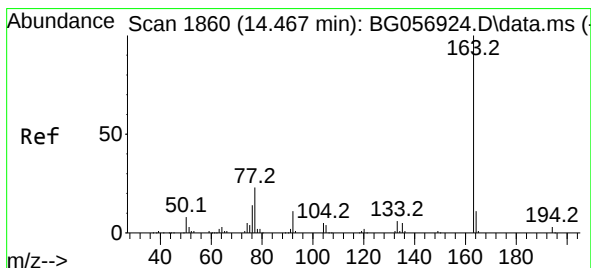
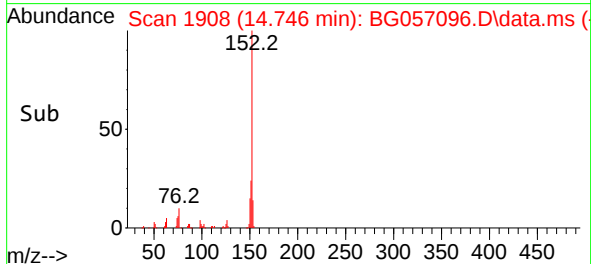
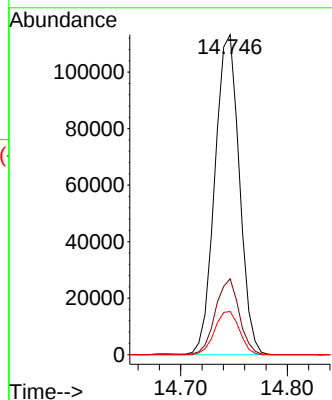
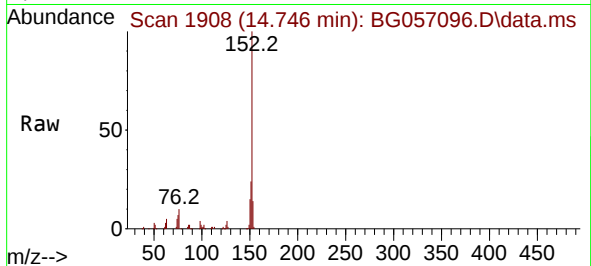




#49
Acenaphthylene
Concen: 45.819 ng
RT: 14.746 min Scan# 1910
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

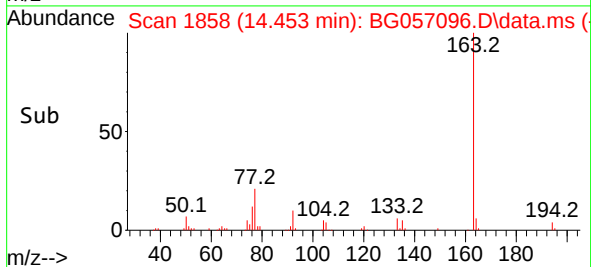
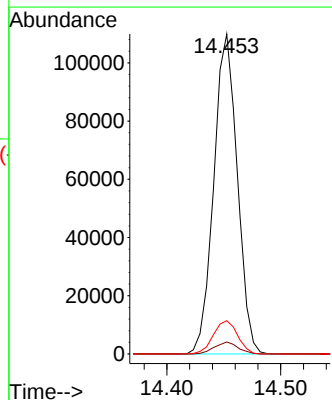
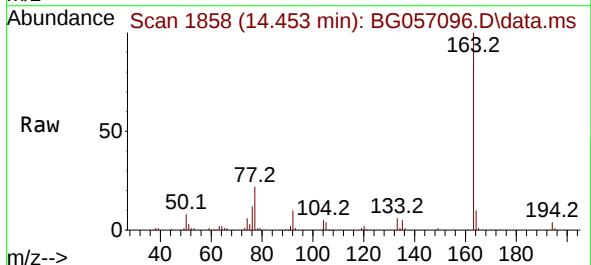
Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:152 Resp: 180200
Ion Ratio Lower Upper
152 100
151 23.7 18.2 27.2
153 13.5 10.5 15.7



#50
Dimethylphthalate
Concen: 45.337 ng
RT: 14.453 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:163 Resp: 157937
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.4 8.8 13.2

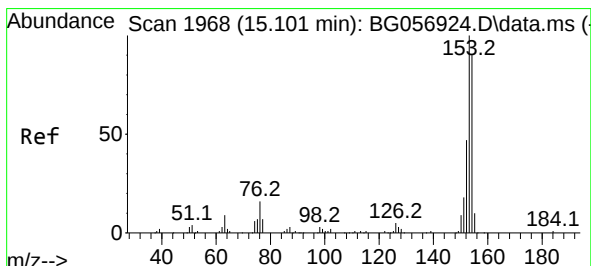
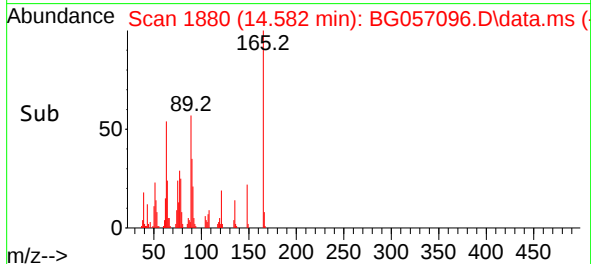
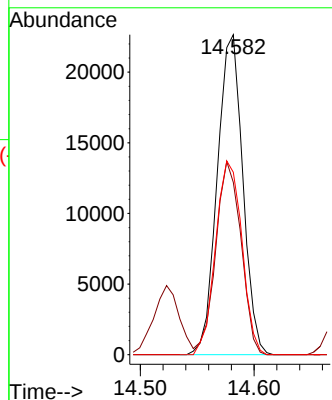
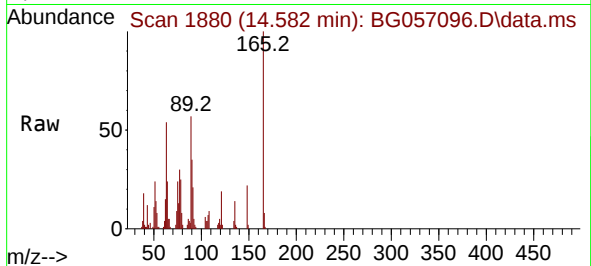




#51
2,6-Dinitrotoluene
Concen: 46.944 ng
RT: 14.582 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

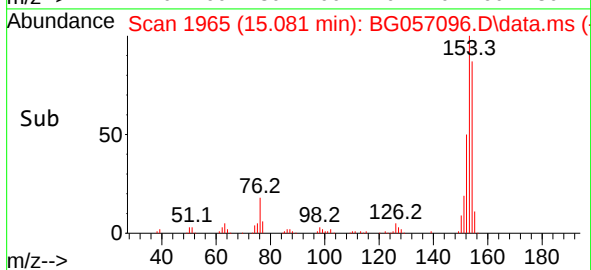
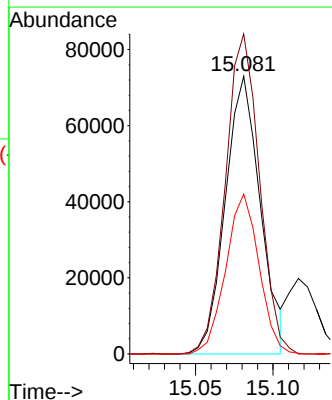
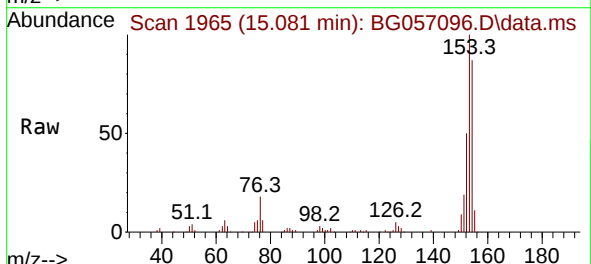
Instrument :
BNA_G
ClientSampleId :
PB152103BS

Tgt Ion:165 Resp: 35333
Ion Ratio Lower Upper
165 100
63 53.9 53.0 79.6
89 57.0 51.0 76.4



#52
Acenaphthene
Concen: 42.206 ng
RT: 15.081 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:154 Resp: 114480
Ion Ratio Lower Upper
154 100
153 115.2 88.9 133.3
152 57.6 41.8 62.8

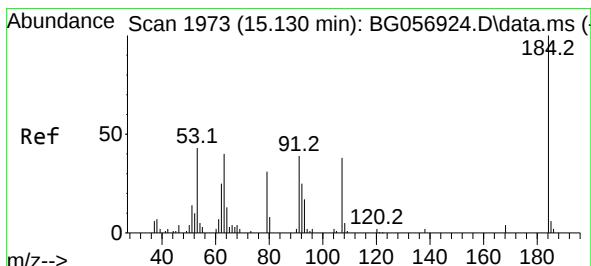
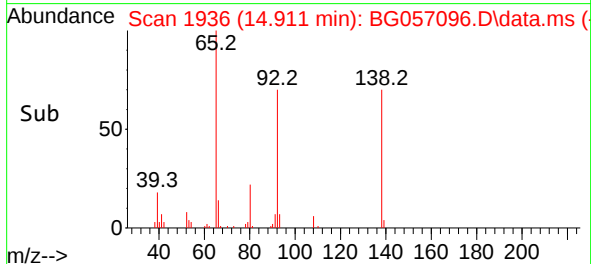
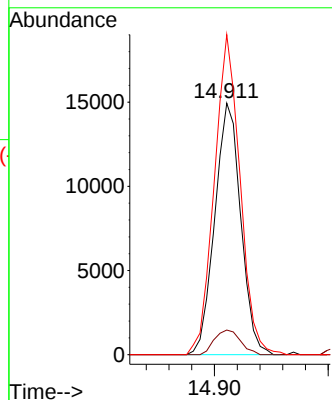
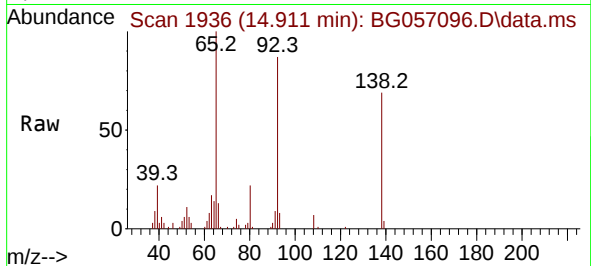




#53
3-Nitroaniline
Concen: 31.805 ng
RT: 14.911 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

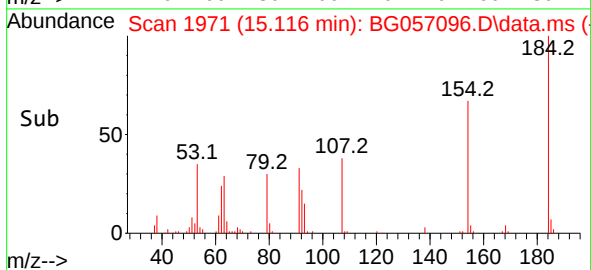
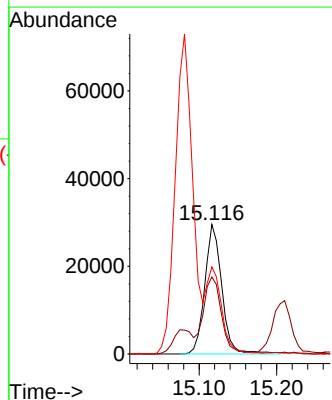
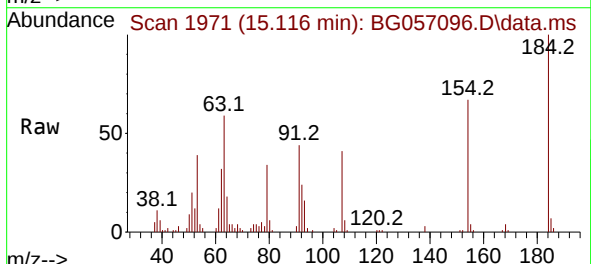
Instrument :
BNA_G
ClientSampleId :
PB152103BS

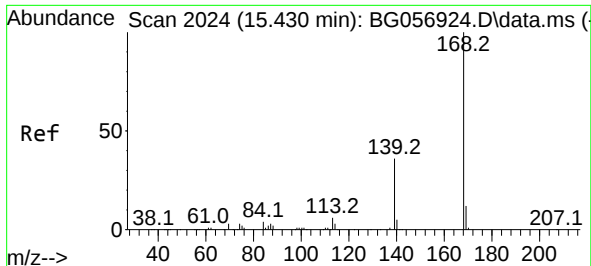
Tgt Ion:138 Resp: 23695
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.2
92 127.2 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 106.700 ng
RT: 15.116 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:184 Resp: 45203
Ion Ratio Lower Upper
184 100
63 59.5 46.5 69.7
154 67.2 53.5 80.3

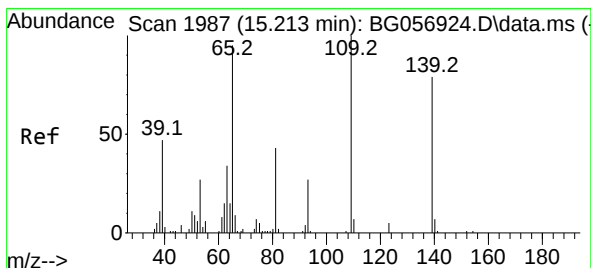
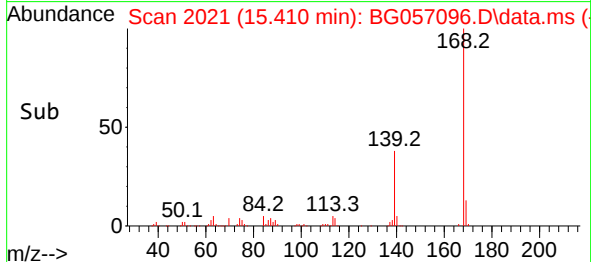
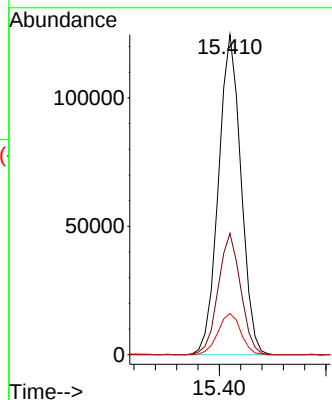
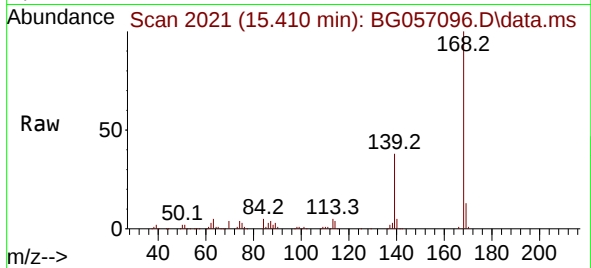




#55
Dibenzofuran
Concen: 44.843 ng
RT: 15.410 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

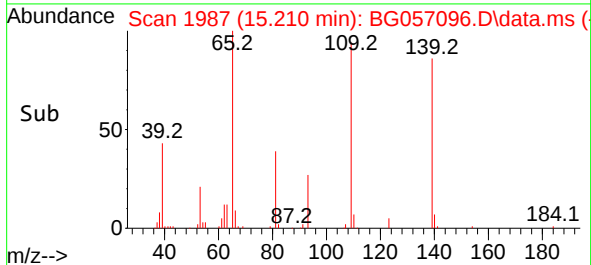
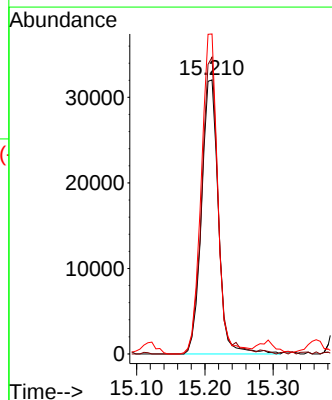
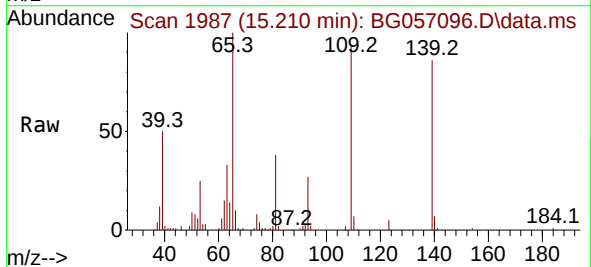
Instrument :
BNA_G
ClientSampleId :
PB152103BS

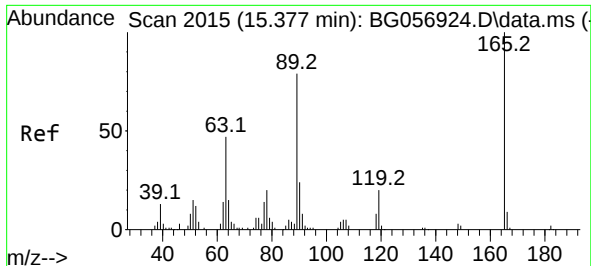
Tgt Ion:168 Resp: 182554
Ion Ratio Lower Upper
168 100
139 37.9 28.9 43.3
169 12.8 9.8 14.6



#56
4-Nitrophenol
Concen: 99.664 ng
RT: 15.210 min Scan# 1987
Delta R.T. 0.002 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:139 Resp: 54905
Ion Ratio Lower Upper
139 100
109 108.2 106.7 146.7
65 116.7 100.5 140.5

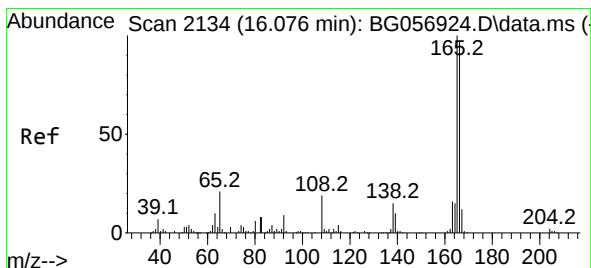
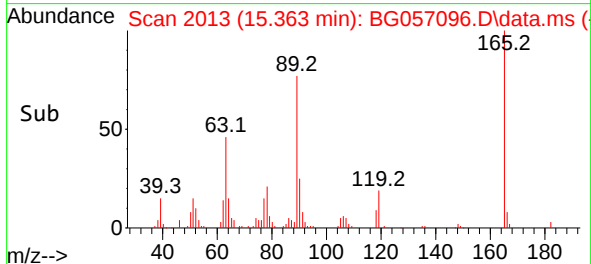
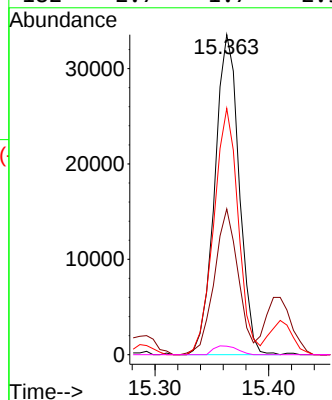
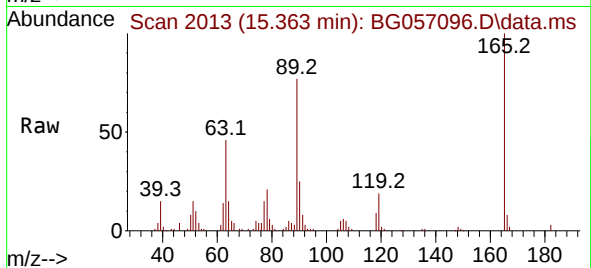




#57
2,4-Dinitrotoluene
Concen: 47.062 ng
RT: 15.363 min Scan# 2013
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

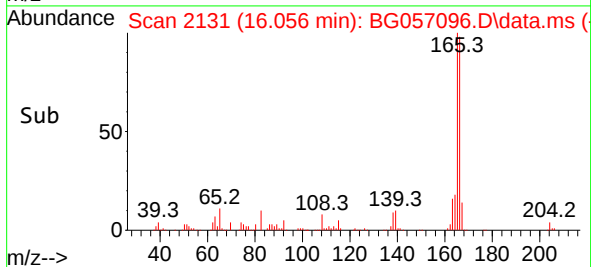
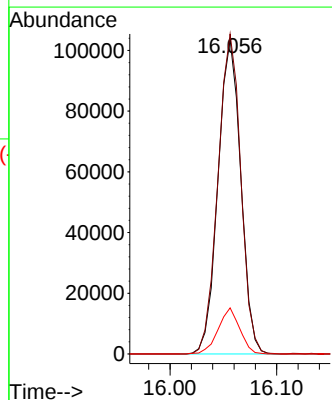
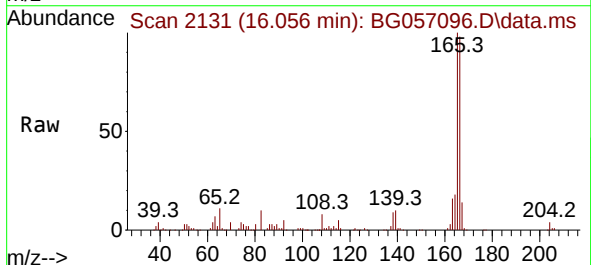
Instrument :
BNA_G
ClientSampleId :
PB152103BS

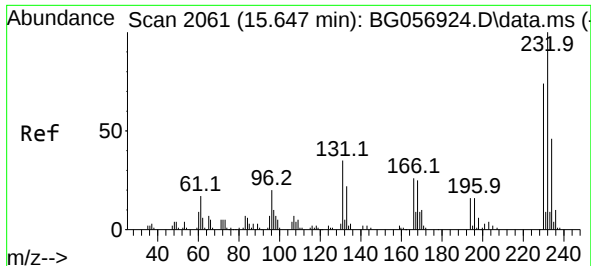
Tgt Ion:165 Resp: 49959
Ion Ratio Lower Upper
165 100
63 45.5 37.7 56.5
89 77.0 63.2 94.8
182 2.7 1.7 2.5#



#58
Fluorene
Concen: 45.448 ng
RT: 16.056 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:166 Resp: 153100
Ion Ratio Lower Upper
166 100
165 101.8 82.6 123.8
167 14.7 10.2 15.2

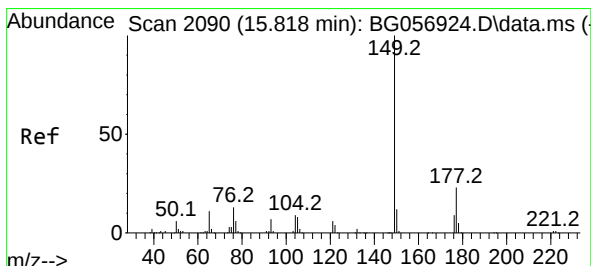
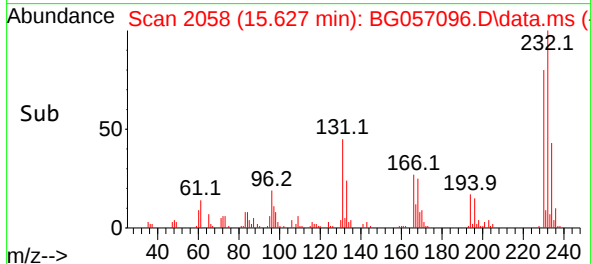
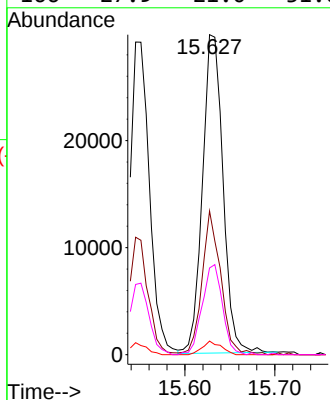
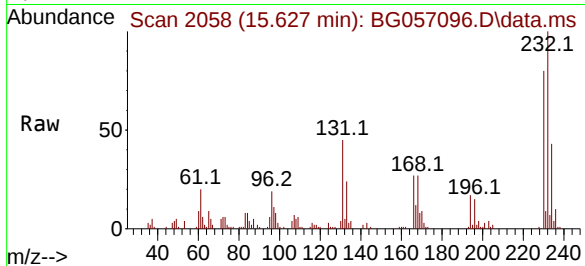




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.851 ng
RT: 15.627 min Scan# 2061
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

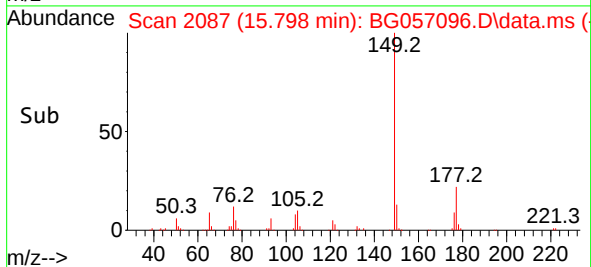
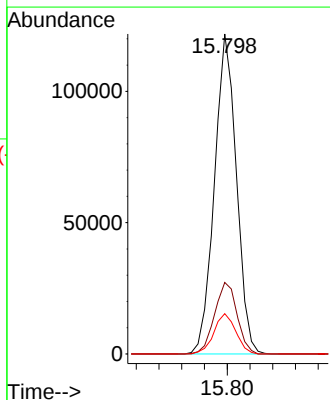
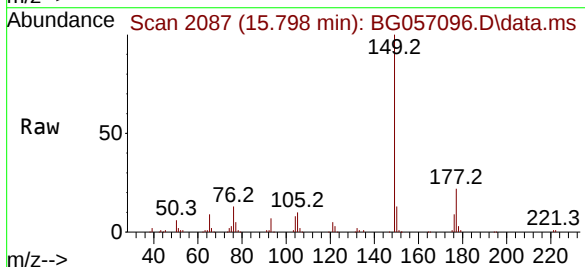
Instrument :
BNA_G
ClientSampleId :
PB152103BS

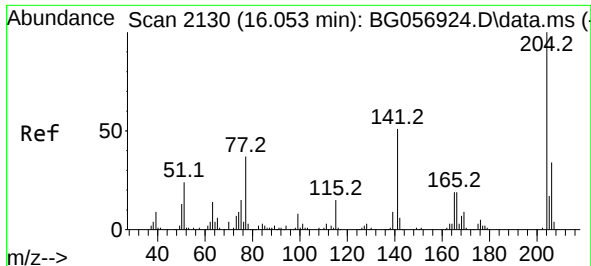
Tgt Ion:232 Resp: 47331
Ion Ratio Lower Upper
232 100
131 41.1 29.3 43.9
130 3.9 1.7 2.5#
166 27.9 21.0 31.6



#60
Diethylphthalate
Concen: 46.772 ng
RT: 15.798 min Scan# 2087
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:149 Resp: 163341
Ion Ratio Lower Upper
149 100
177 22.4 18.8 28.2
150 12.6 9.4 14.2

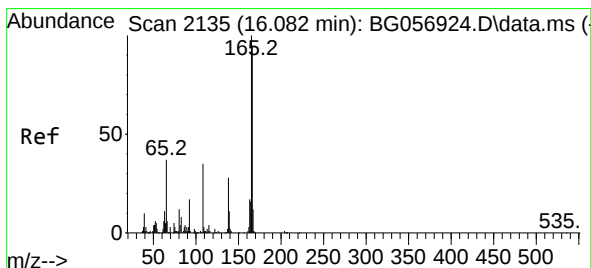
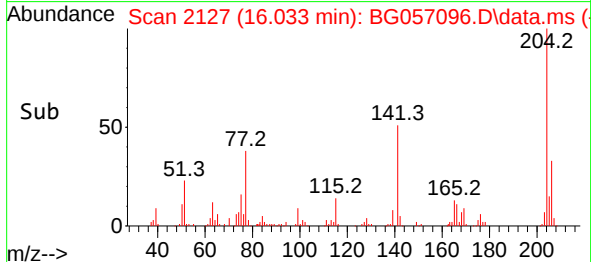
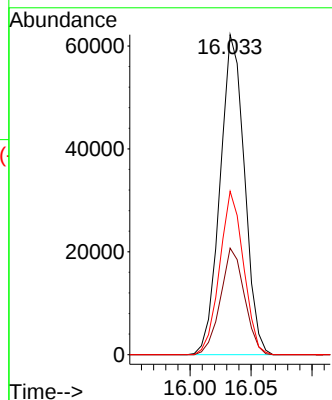
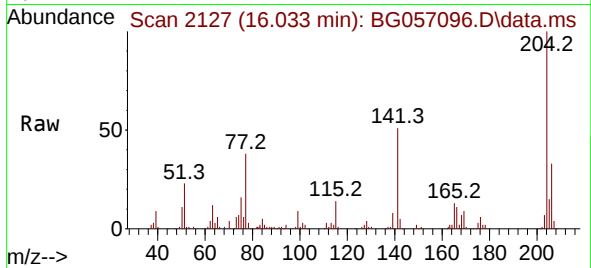




#61
4-Chlorophenyl-phenylether
Concen: 43.767 ng
RT: 16.033 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

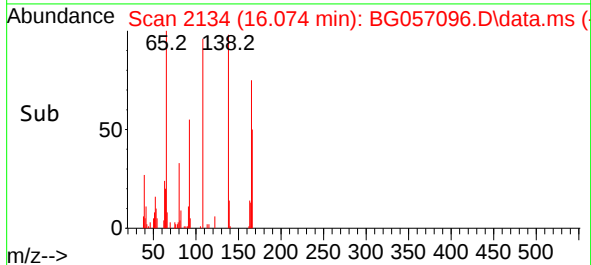
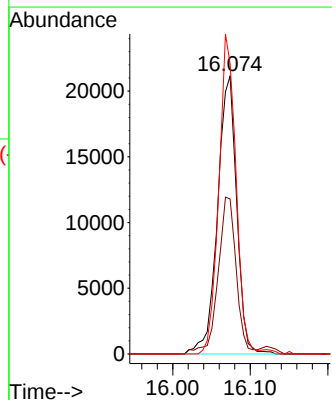
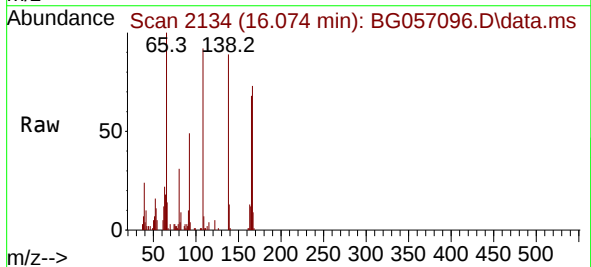
Instrument :
BNA_G
ClientSampleId :
PB152103BS

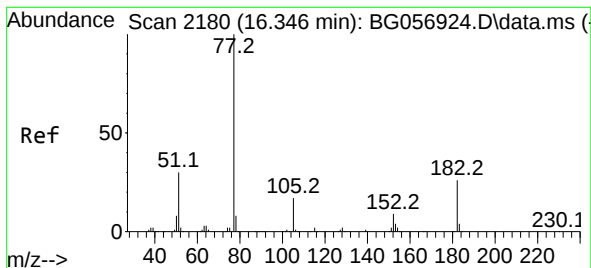
Tgt Ion:204 Resp: 86565
Ion Ratio Lower Upper
204 100
206 33.3 27.2 40.8
141 51.0 40.7 61.1



#62
4-Nitroaniline
Concen: 47.022 ng
RT: 16.074 min Scan# 2134
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:138 Resp: 36295
Ion Ratio Lower Upper
138 100
92 55.8 40.9 80.9
108 104.4 104.3 144.3





#63

Azobenzene

Concen: 45.776 ng

RT: 16.326 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

Tgt Ion: 77 Resp: 159317

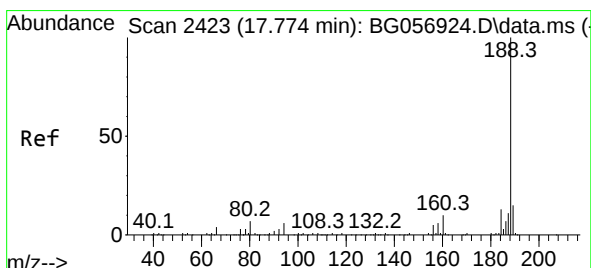
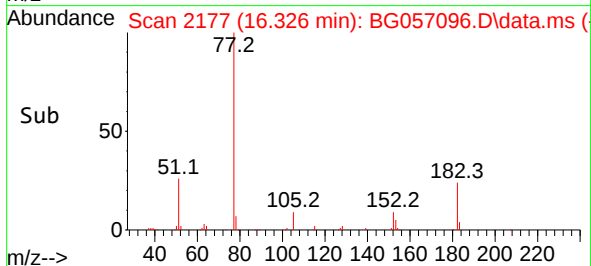
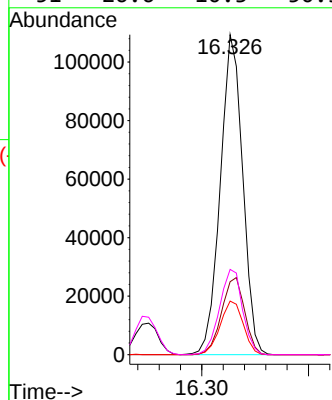
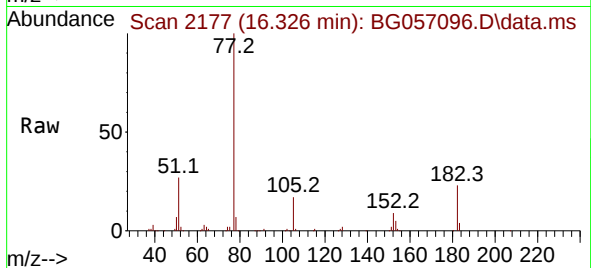
Ion Ratio Lower Upper

77 100

182 22.8 5.9 45.9

105 16.8 0.0 36.8

51 26.6 10.3 50.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.754 min Scan# 2420

Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

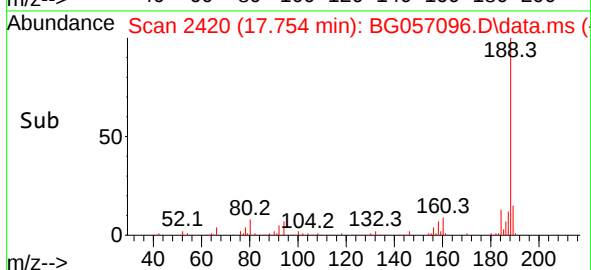
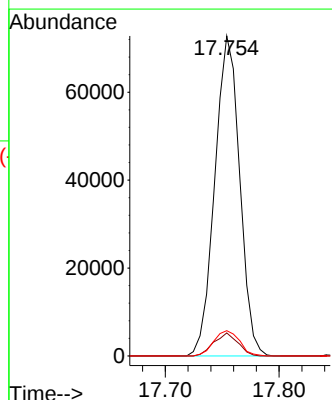
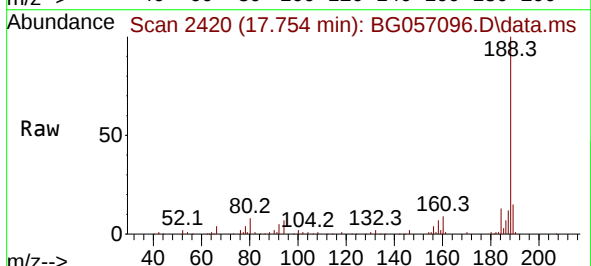
Tgt Ion:188 Resp: 110672

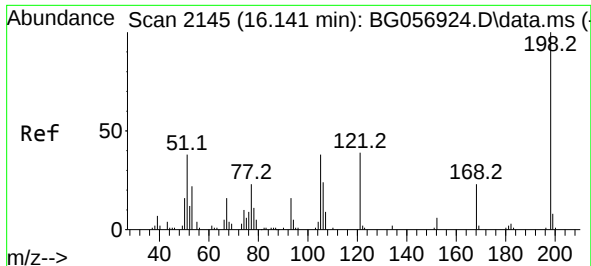
Ion Ratio Lower Upper

188 100

94 7.2 4.6 6.8#

80 7.9 5.5 8.3

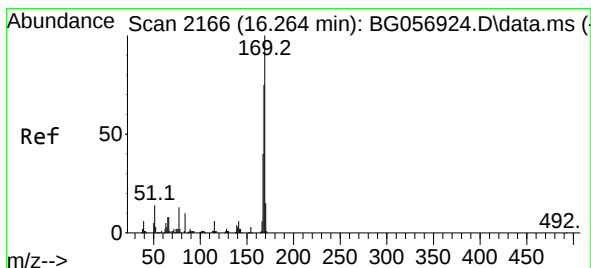
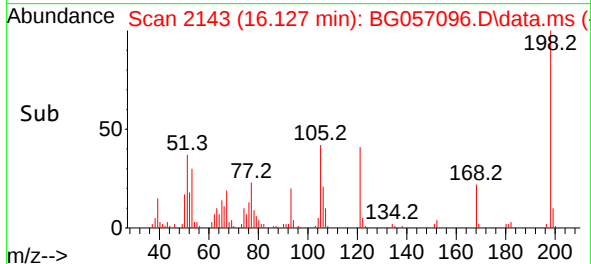
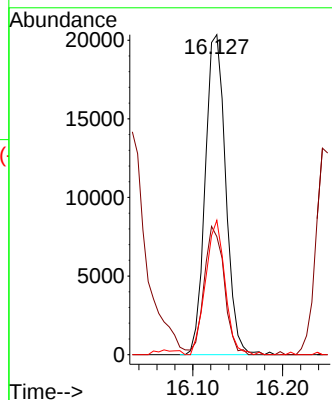
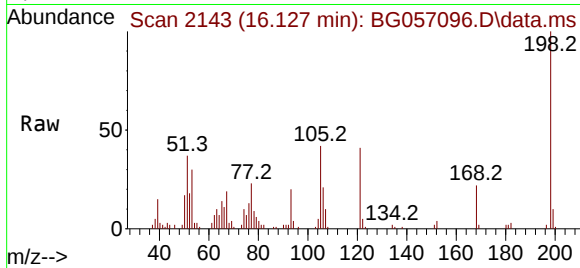




#65
4,6-Dinitro-2-methylphenol
Concen: 48.029 ng
RT: 16.127 min Scan# 2143
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

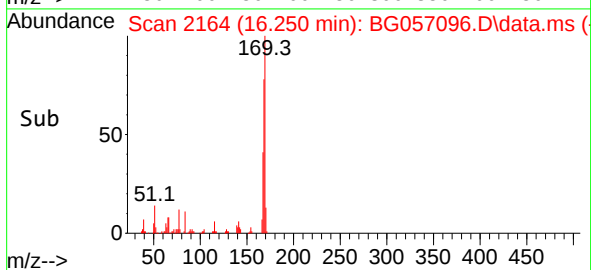
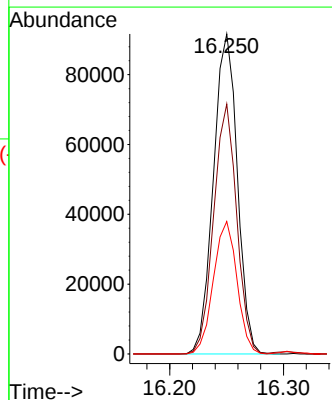
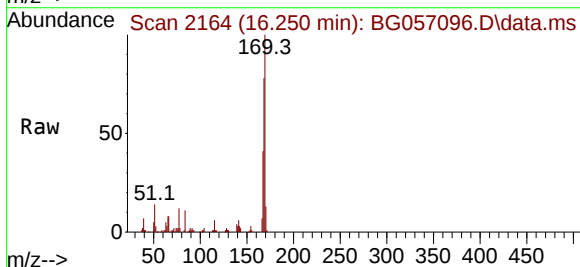
Instrument :
BNA_G
ClientSampleId :
PB152103BS

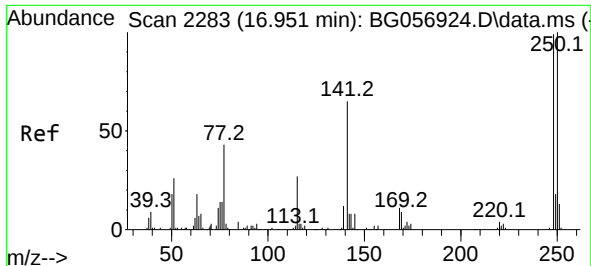
Tgt Ion:198 Resp: 32193
Ion Ratio Lower Upper
198 100
51 36.9 20.5 60.5
105 42.0 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 45.099 ng
RT: 16.250 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:169 Resp: 133985
Ion Ratio Lower Upper
169 100
168 78.1 59.6 89.4
167 41.4 31.8 47.8

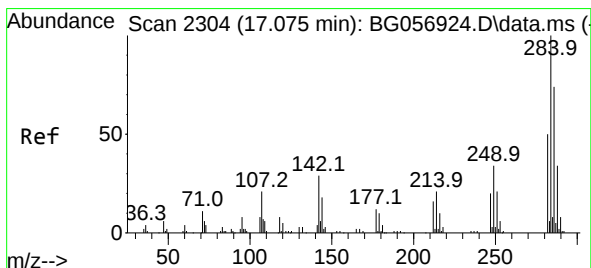
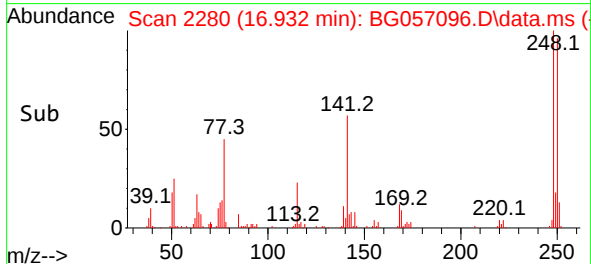
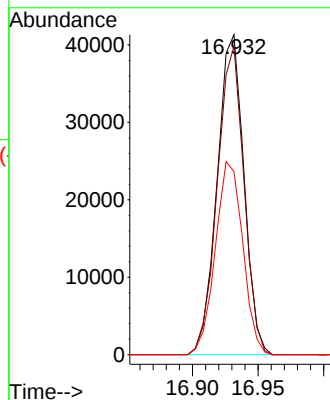
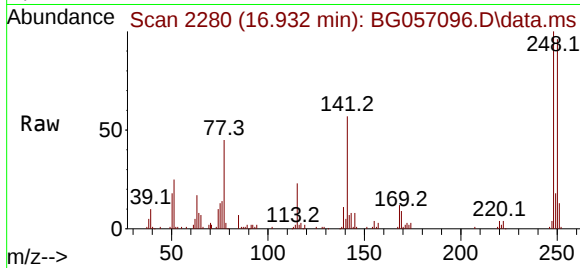




#67
4-Bromophenyl-phenylether
Concen: 42.837 ng
RT: 16.932 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

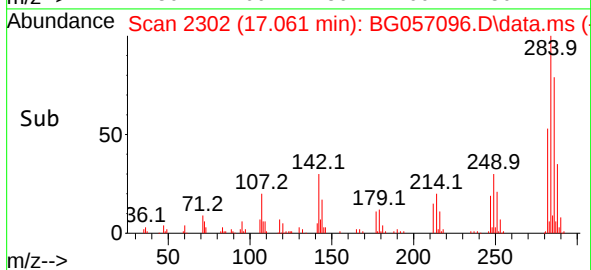
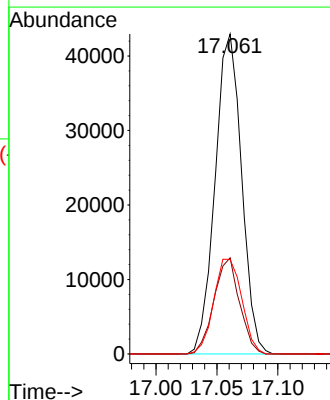
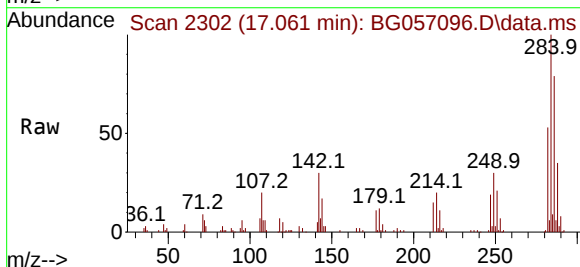
Instrument :
BNA_G
ClientSampleId :
PB152103BS

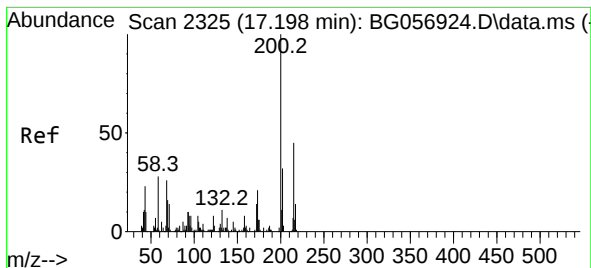
Tgt Ion:248 Resp: 58660
Ion Ratio Lower Upper
248 100
250 96.4 80.5 120.7
141 57.2 52.0 78.0



#68
Hexachlorobenzene
Concen: 47.932 ng
RT: 17.061 min Scan# 2302
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:284 Resp: 64892
Ion Ratio Lower Upper
284 100
142 30.0 23.0 34.4
249 29.5 27.1 40.7





#69

Atrazine

Concen: 45.393 ng

RT: 17.184 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

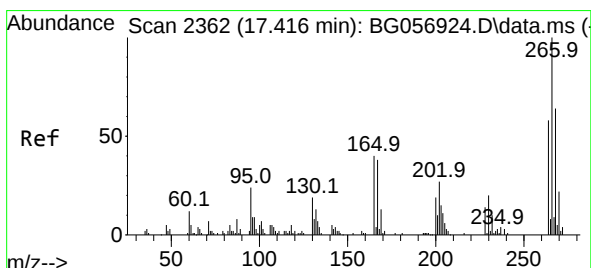
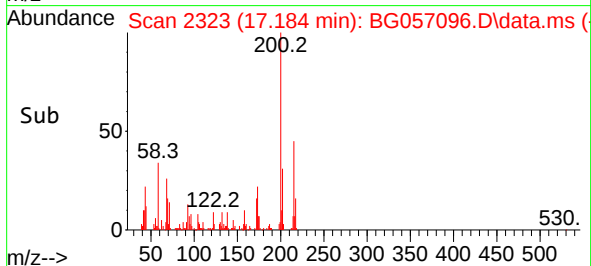
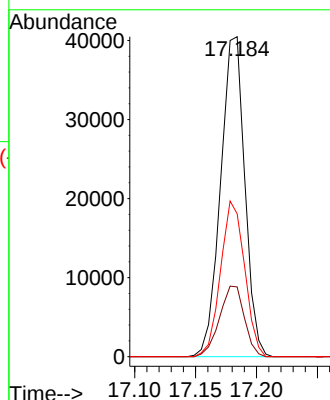
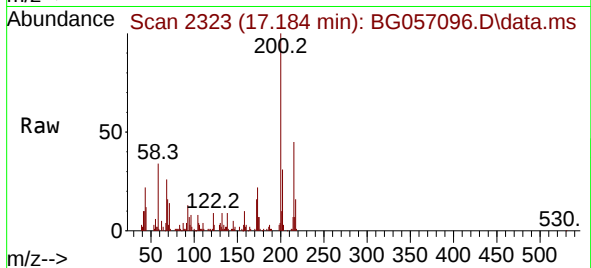
Tgt Ion:200 Resp: 55980

Ion Ratio Lower Upper

200 100

173 21.8 1.0 41.0

215 44.7 25.0 65.0



#70

Pentachlorophenol

Concen: 76.799 ng

RT: 17.401 min Scan# 2360

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

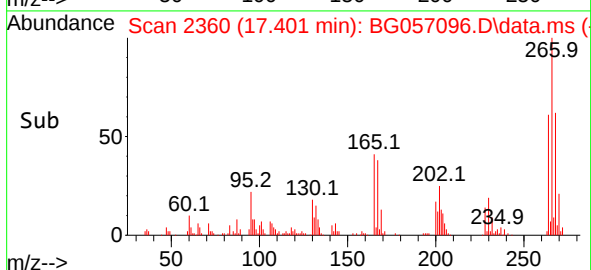
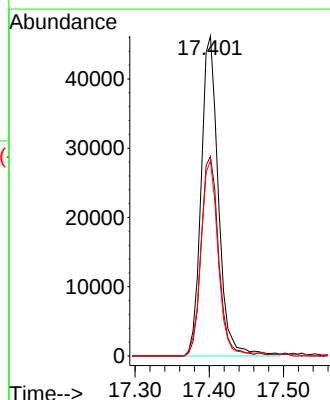
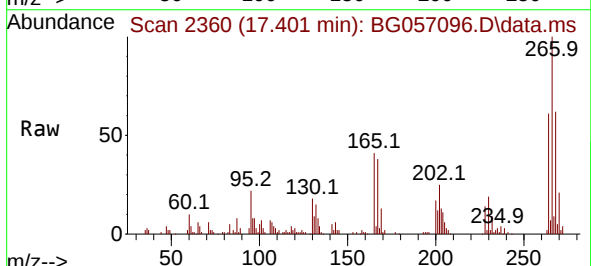
Tgt Ion:266 Resp: 74592

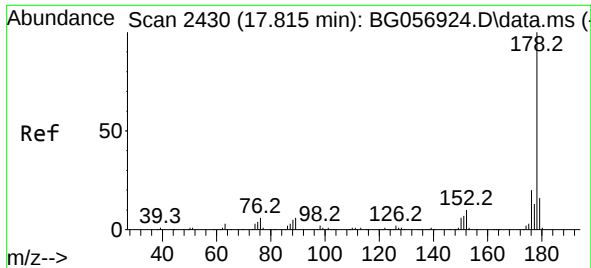
Ion Ratio Lower Upper

266 100

268 62.3 51.0 76.6

264 61.0 46.8 70.2

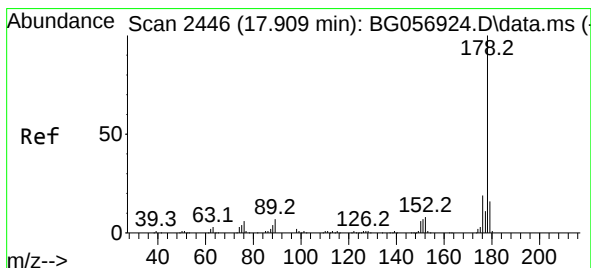
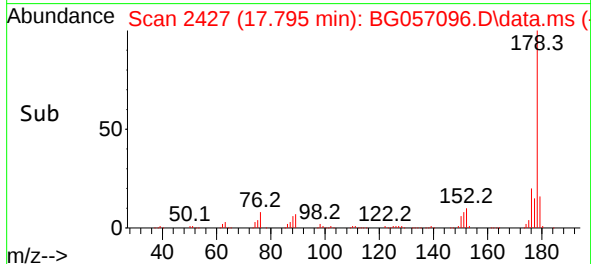
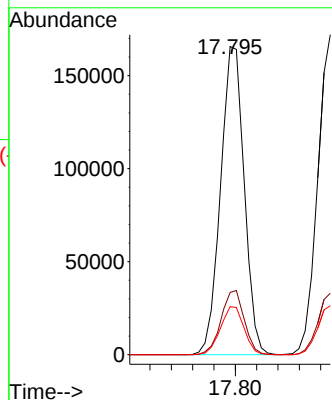
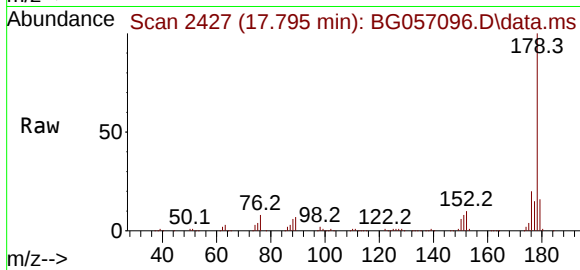




#71
 Phenanthrene
 Concen: 45.175 ng
 RT: 17.795 min Scan# 2430
 Delta R.T. -0.009 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

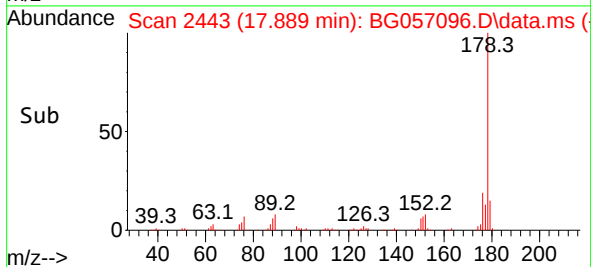
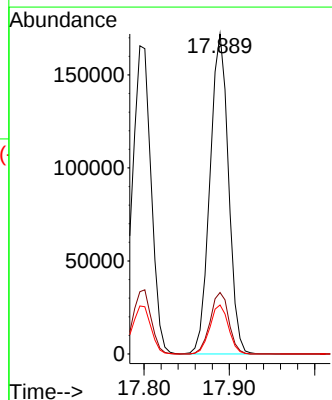
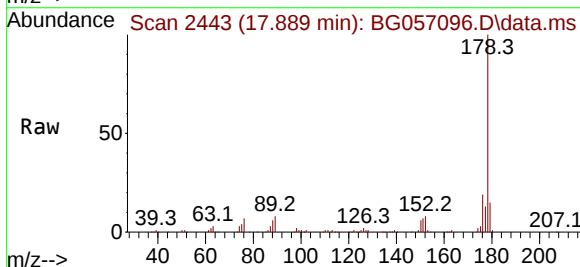
Instrument :
 BNA_G
 ClientSampleId :
 PB152103BS

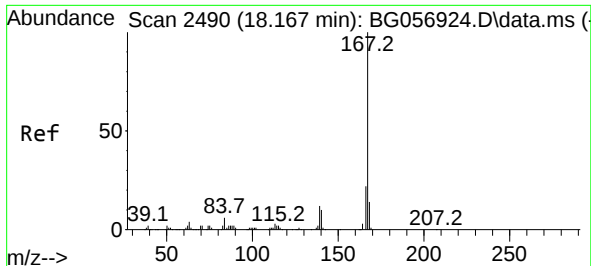
Tgt Ion:178 Resp: 254903
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.2
 179 15.6 12.5 18.7



#72
 Anthracene
 Concen: 44.754 ng
 RT: 17.889 min Scan# 2443
 Delta R.T. -0.003 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

Tgt Ion:178 Resp: 258873
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.3 12.4 18.6

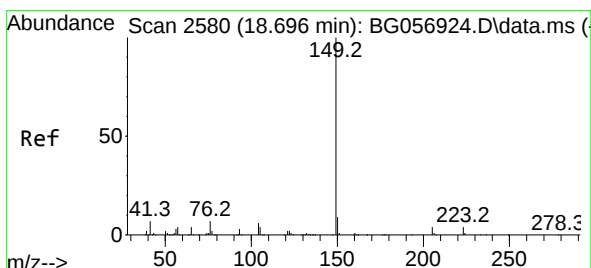
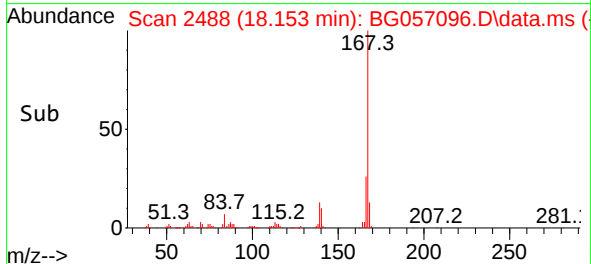
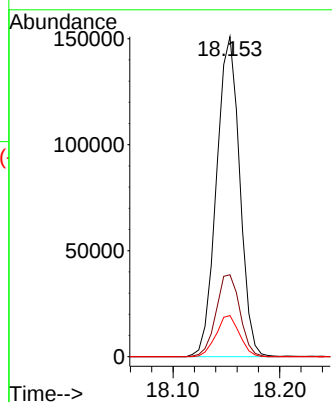
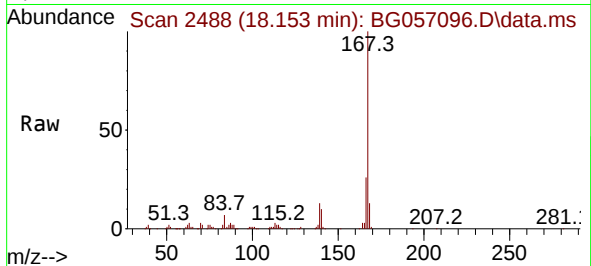




#73
 Carbazole
 Concen: 45.202 ng
 RT: 18.153 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

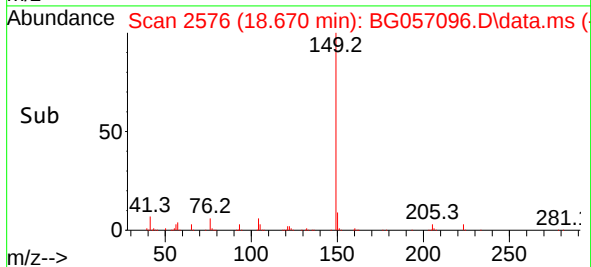
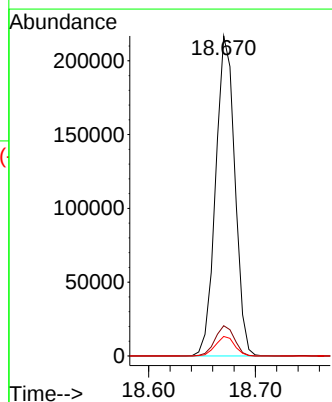
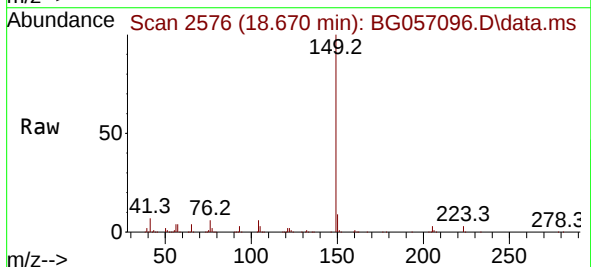
Instrument :
 BNA_G
 ClientSampleId :
 PB152103BS

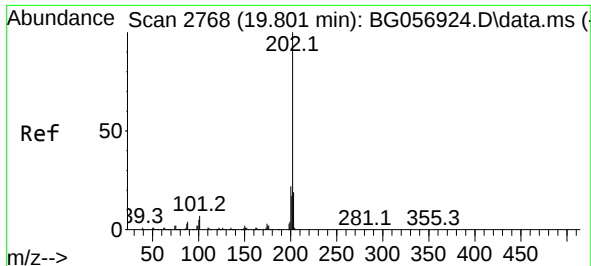
Tgt Ion:167 Resp: 227966
 Ion Ratio Lower Upper
 167 100
 166 25.6 17.9 26.9
 139 12.9 9.5 14.3



#74
 Di-n-butylphthalate
 Concen: 46.419 ng
 RT: 18.670 min Scan# 2576
 Delta R.T. -0.009 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

Tgt Ion:149 Resp: 271084
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 6.1 4.9 7.3

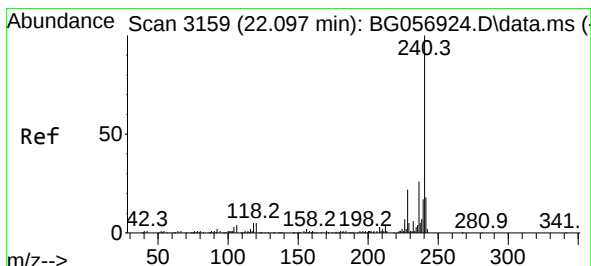
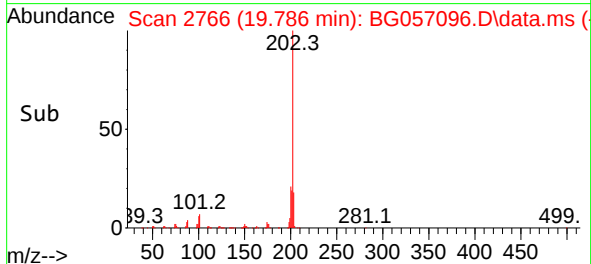
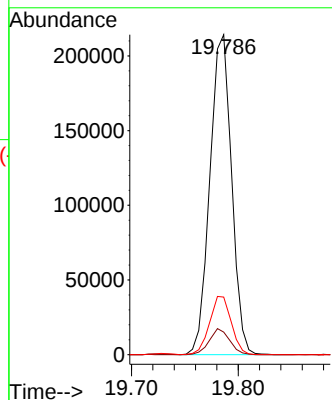
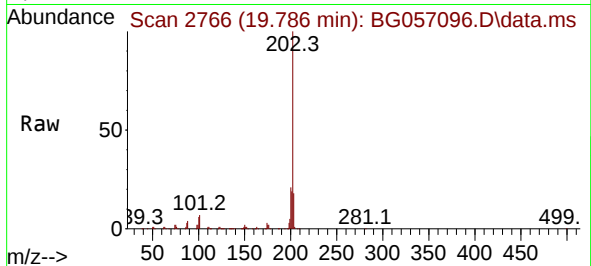




#75
Fluoranthene
Concen: 42.408 ng
RT: 19.786 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

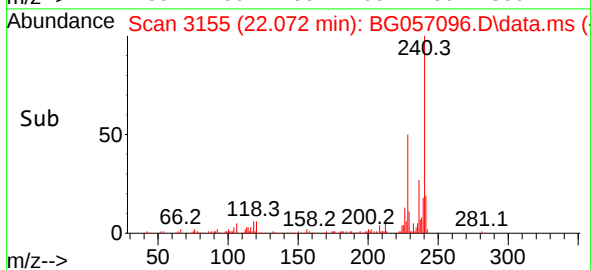
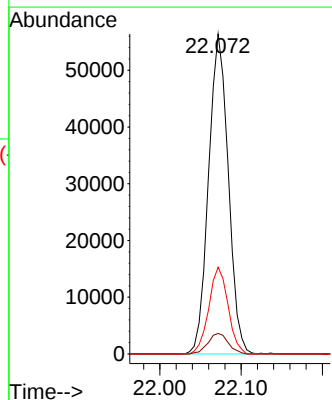
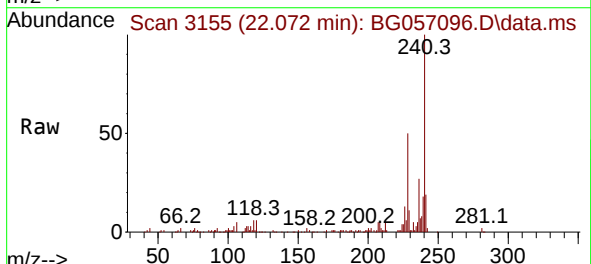
Instrument :
BNA_G
ClientSampleId :
PB152103BS

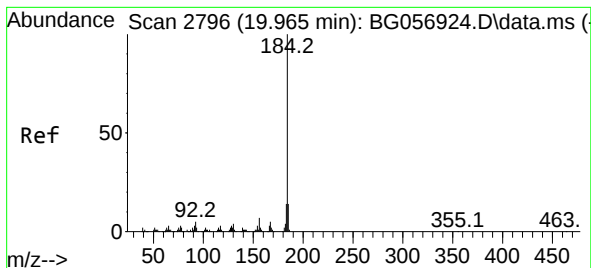
Tgt Ion:202 Resp: 303334
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.7
203 18.0 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:240 Resp: 94927
Ion Ratio Lower Upper
240 100
120 6.4 3.8 5.6#
236 27.1 21.0 31.6





#77

Benzidine

Concen: 51.890 ng

RT: 19.951 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

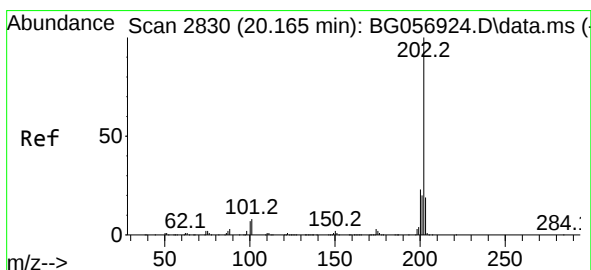
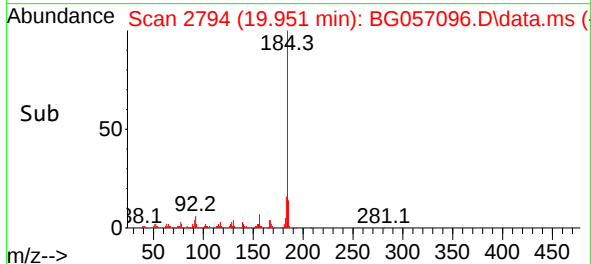
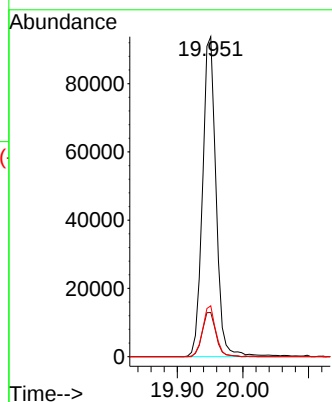
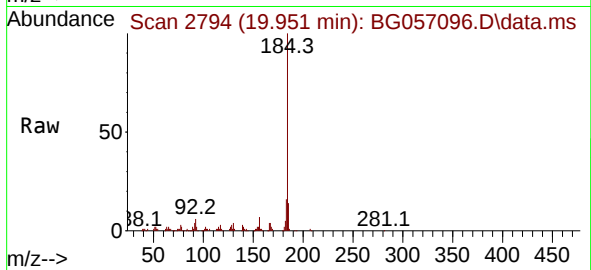
Tgt Ion:184 Resp: 134637

Ion Ratio Lower Upper

184 100

185 13.8 11.0 16.4

183 15.9 11.4 17.0



#78

Pyrene

Concen: 47.334 ng

RT: 20.145 min Scan# 2827

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

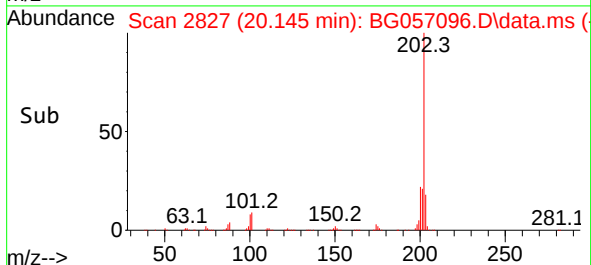
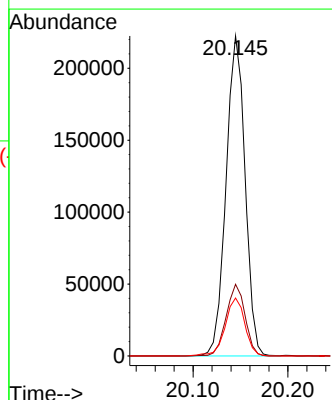
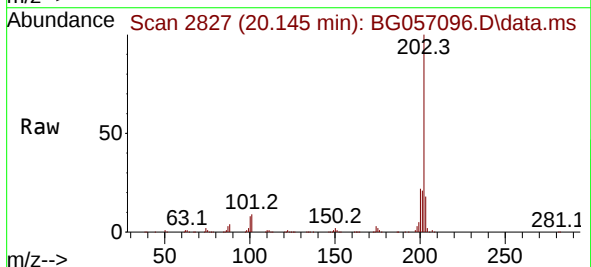
Tgt Ion:202 Resp: 310777

Ion Ratio Lower Upper

202 100

200 22.4 18.7 28.1

203 18.1 15.4 23.2

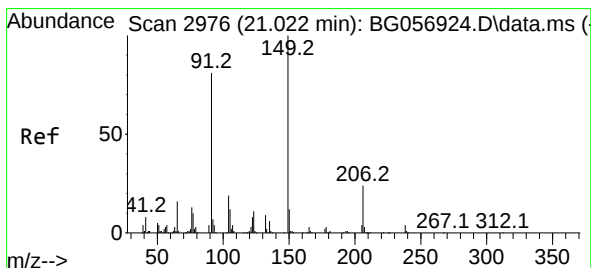
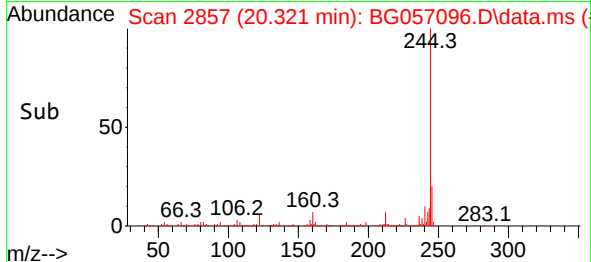
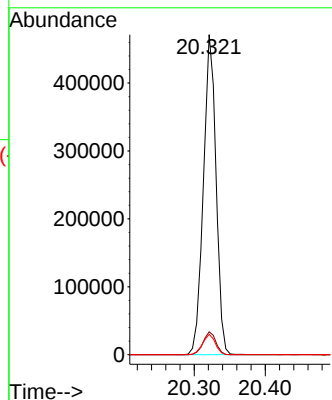
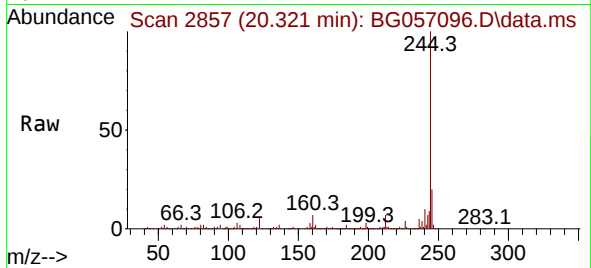




#79
 Terphenyl-d14
 Concen: 104.026 ng
 RT: 20.321 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

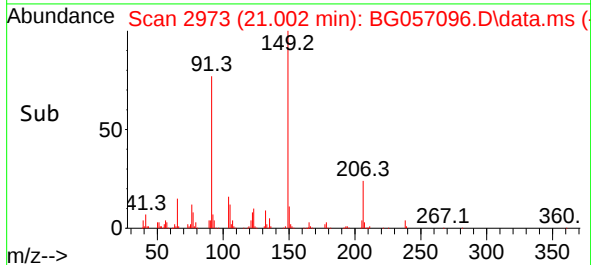
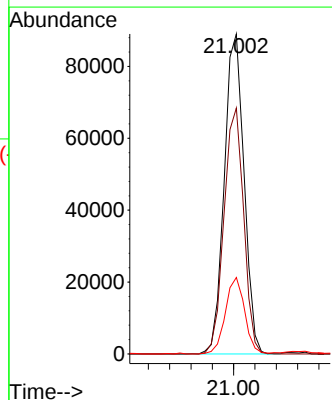
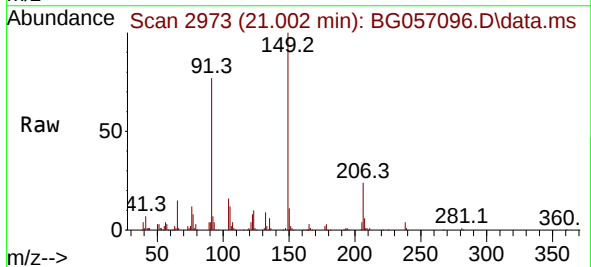
Instrument :
 BNA_G
 ClientSampleId :
 PB152103BS

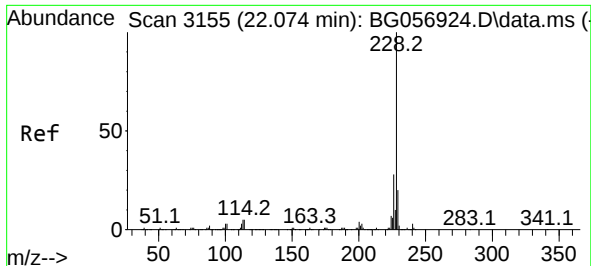
Tgt Ion:244 Resp: 583569
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.3 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 50.601 ng
 RT: 21.002 min Scan# 2973
 Delta R.T. -0.003 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

Tgt Ion:149 Resp: 114326
 Ion Ratio Lower Upper
 149 100
 91 76.8 64.4 96.6
 206 23.9 18.9 28.3

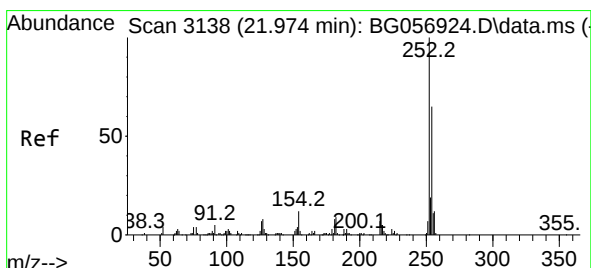
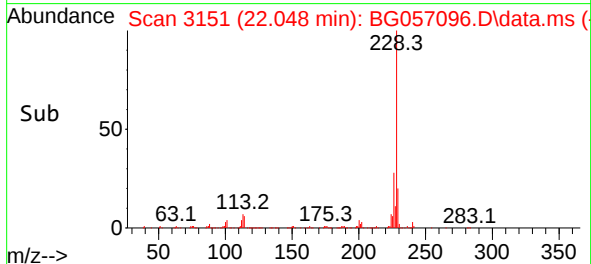
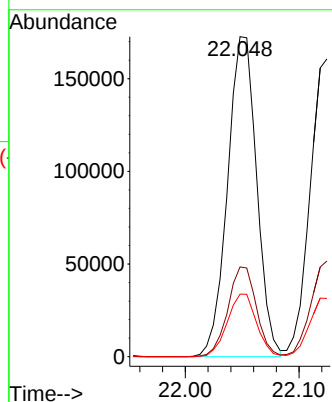
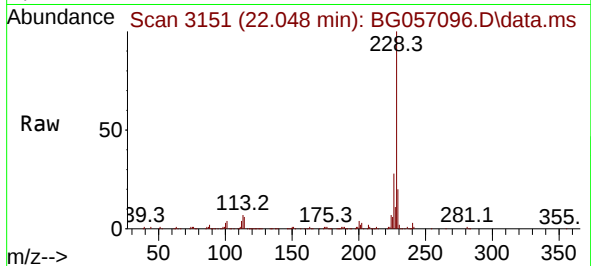




#81
Benzo(a)anthracene
Concen: 46.836 ng
RT: 22.048 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

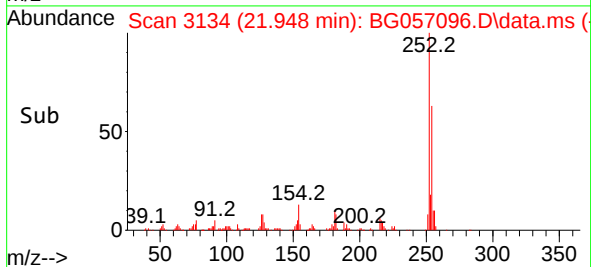
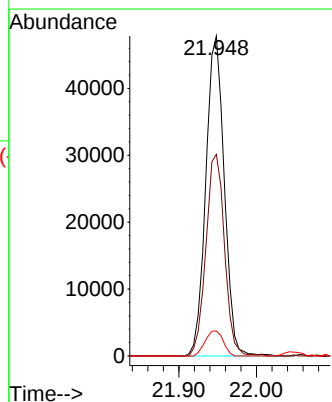
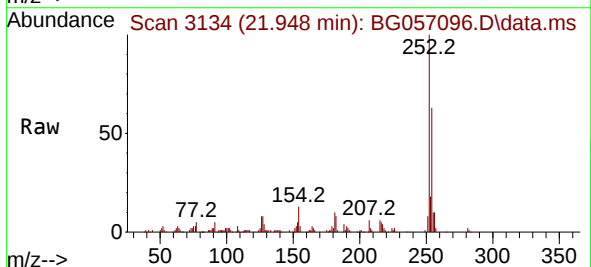
Instrument :
BNA_G
ClientSampleId :
PB152103BS

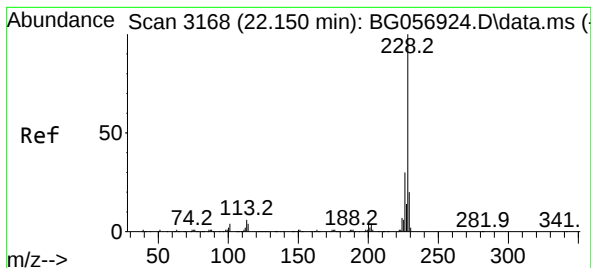
Tgt Ion:228 Resp: 307660
Ion Ratio Lower Upper
228 100
226 28.1 22.1 33.1
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 35.583 ng
RT: 21.948 min Scan# 3134
Delta R.T. -0.009 min
Lab File: BG057096.D
Acq: 14 Apr 2023 11:51

Tgt Ion:252 Resp: 78929
Ion Ratio Lower Upper
252 100
254 63.0 51.7 77.5
126 7.8 5.6 8.4





#83

Chrysene

Concen: 46.161 ng

RT: 22.124 min Scan# 3164

Delta R.T. -0.003 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

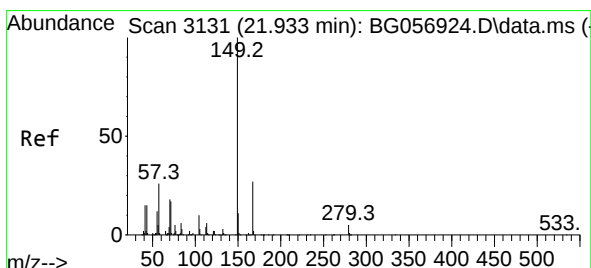
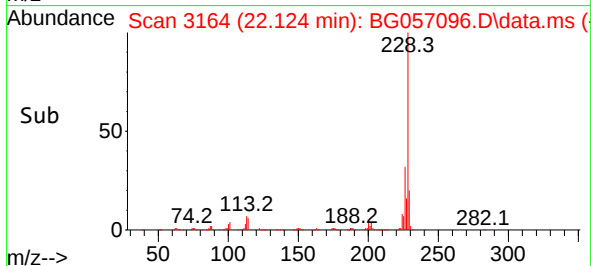
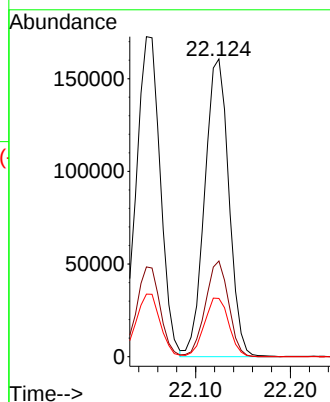
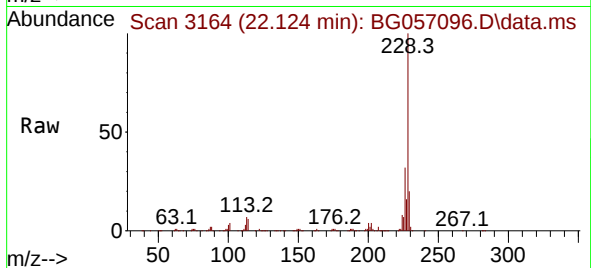
Tgt Ion:228 Resp: 283917

Ion Ratio Lower Upper

228 100

226 32.1 24.1 36.1

229 19.6 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.215 ng

RT: 21.901 min Scan# 3126

Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

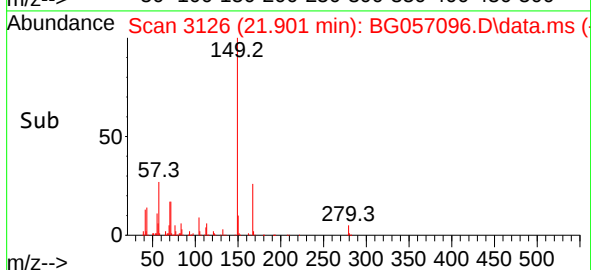
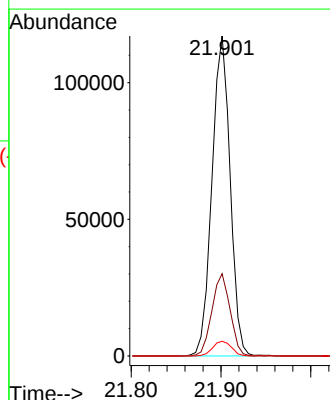
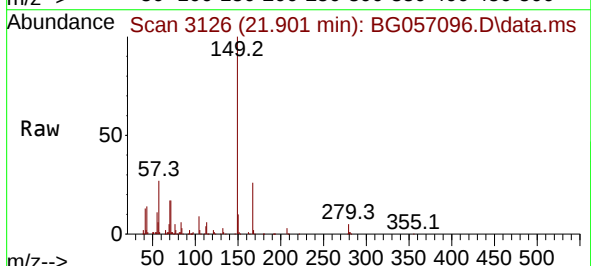
Tgt Ion:149 Resp: 164284

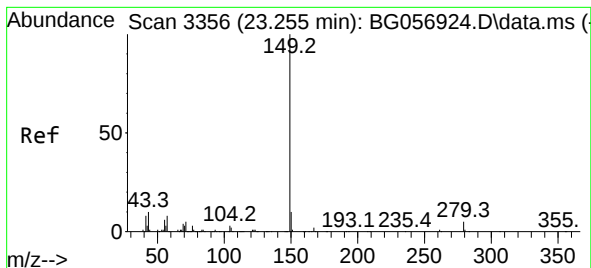
Ion Ratio Lower Upper

149 100

167 25.7 21.4 32.2

279 4.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 51.049 ng

RT: 23.211 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

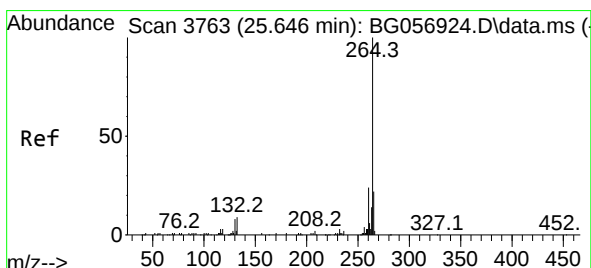
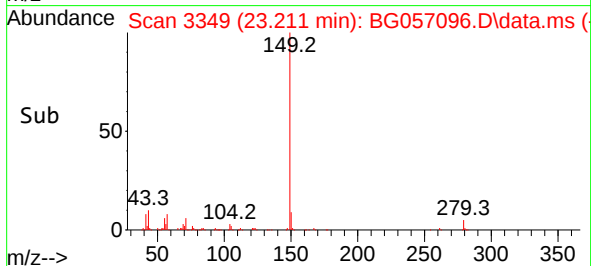
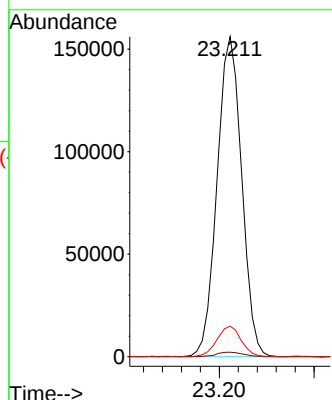
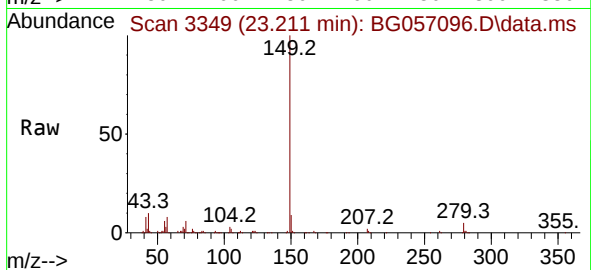
Tgt Ion:149 Resp: 281447

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.4 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.602 min Scan# 3756

Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

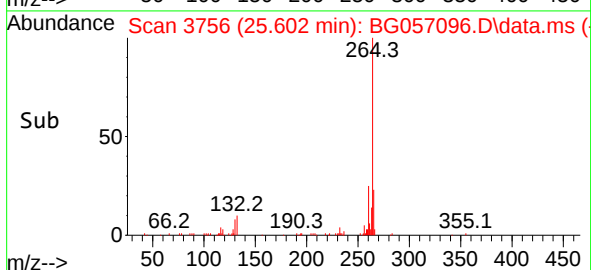
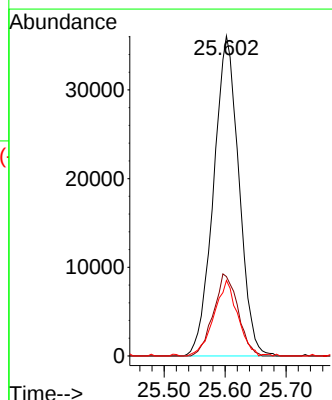
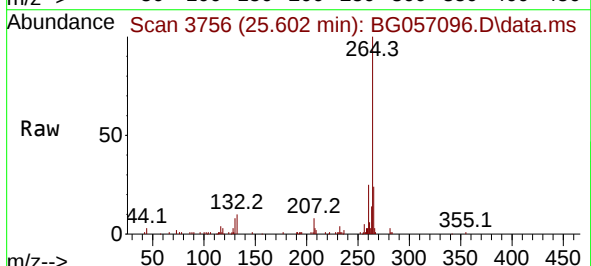
Tgt Ion:264 Resp: 104071

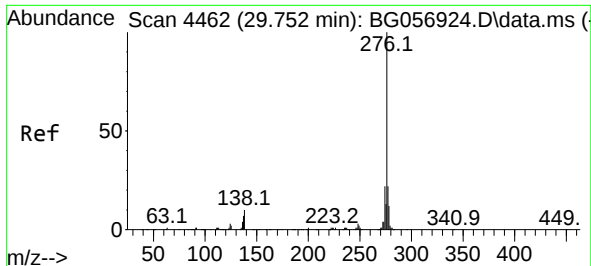
Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.4

265 23.6 17.8 26.6

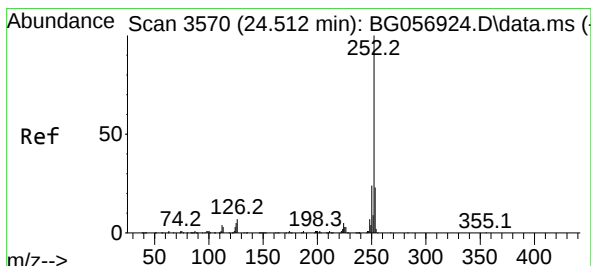
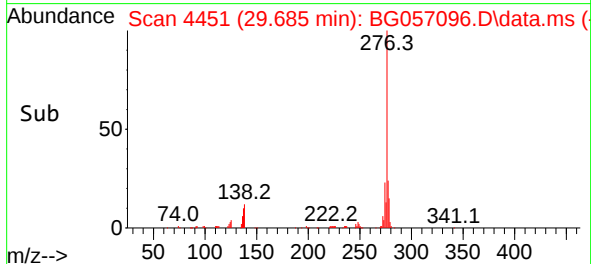
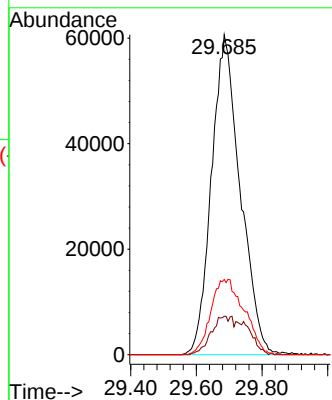
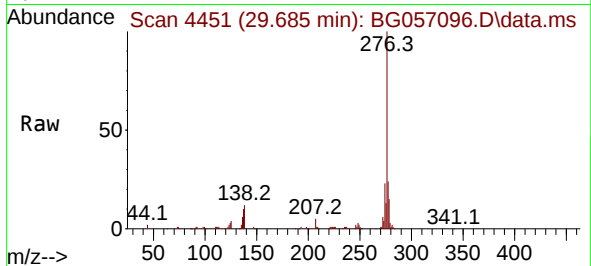




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.863 ng
 RT: 29.685 min Scan# 4462
 Delta R.T. -0.027 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

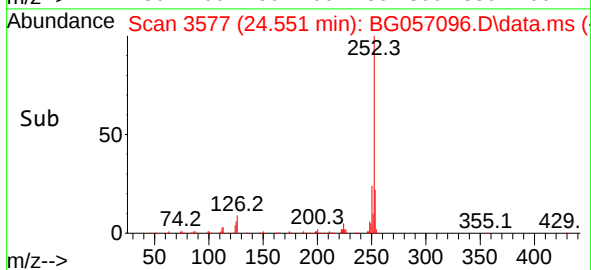
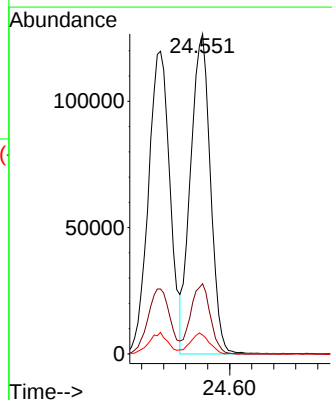
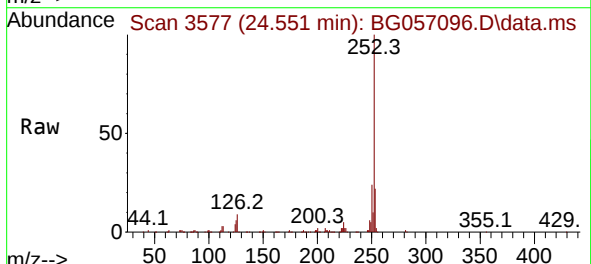
Instrument :
 BNA_G
 ClientSampleId :
 PB152103BS

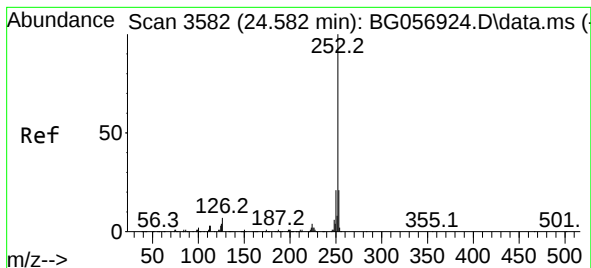
Tgt Ion:276 Resp: 368130
 Ion Ratio Lower Upper
 276 100
 138 7.1 7.7 11.5#
 277 27.5 21.0 31.4



#88
 Benzo(b)fluoranthene
 Concen: 48.713 ng
 RT: 24.551 min Scan# 3577
 Delta R.T. 0.067 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

Tgt Ion:252 Resp: 317018
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.1 27.1
 125 5.9 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 48.795 ng

RT: 24.551 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

Instrument :

BNA_G

ClientSampleId :

PB152103BS

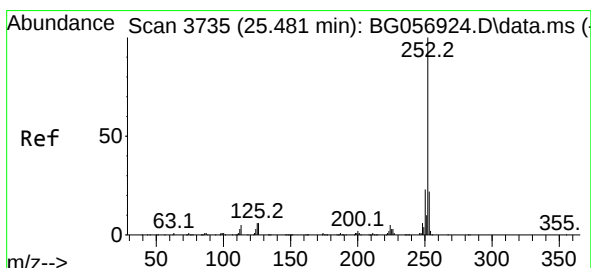
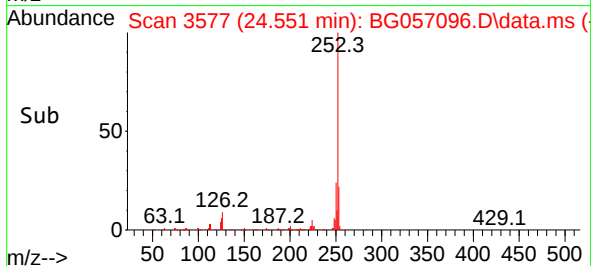
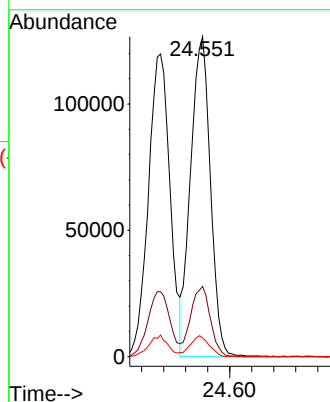
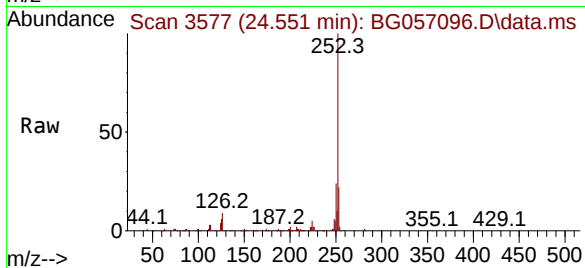
Tgt Ion:252 Resp: 317018

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 5.9 3.8 5.6#



#90

Benzo(a)pyrene

Concen: 43.957 ng

RT: 25.438 min Scan# 3728

Delta R.T. -0.015 min

Lab File: BG057096.D

Acq: 14 Apr 2023 11:51

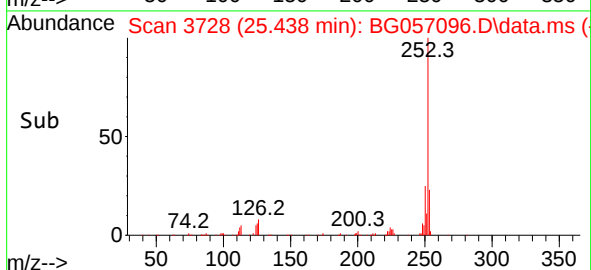
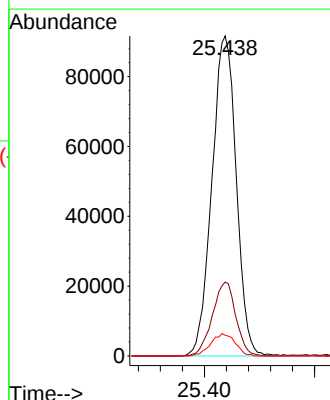
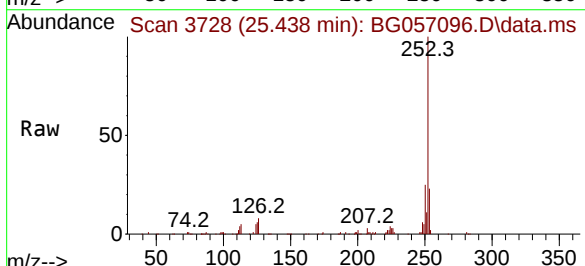
Tgt Ion:252 Resp: 281109

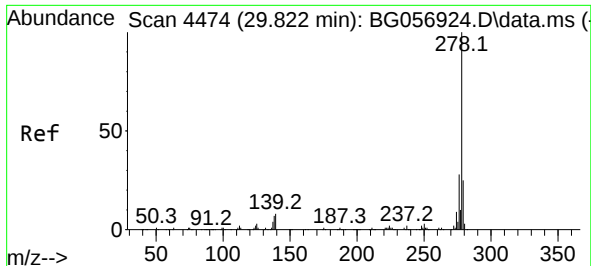
Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 6.5 4.5 6.7

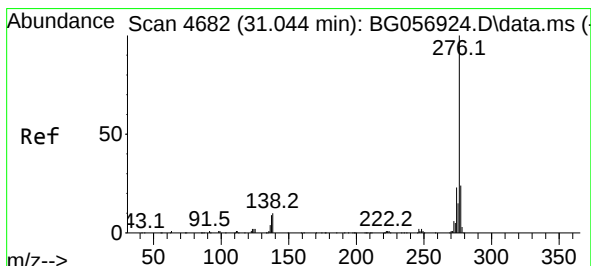
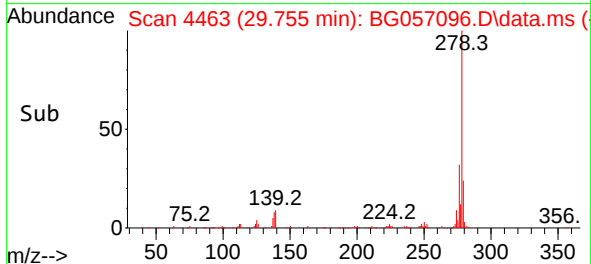
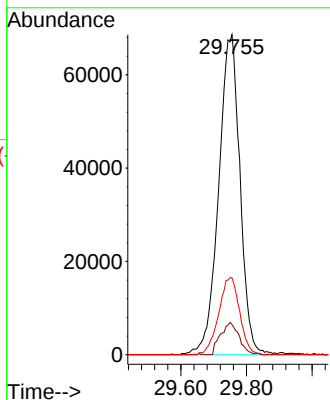
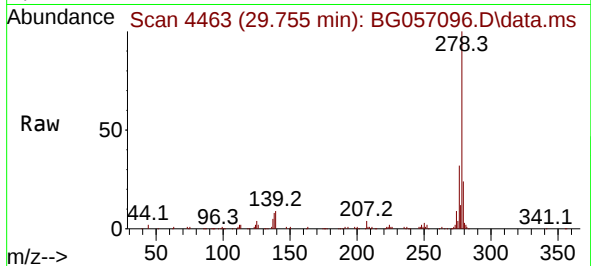




#91
 Dibenzo(a,h)anthracene
 Concen: 48.884 ng
 RT: 29.755 min Scan# 4474
 Delta R.T. -0.009 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

Instrument :
 BNA_G
 ClientSampleId :
 PB152103BS

Tgt Ion:278 Resp: 309052
 Ion Ratio Lower Upper
 278 100
 139 9.4 6.4 9.6
 279 24.0 20.2 30.2



#92
 Benzo(g,h,i)perylene
 Concen: 47.098 ng
 RT: 30.965 min Scan# 4669
 Delta R.T. -0.027 min
 Lab File: BG057096.D
 Acq: 14 Apr 2023 11:51

Tgt Ion:276 Resp: 291568
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.1 28.7
 138 11.3 8.2 12.2

