

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
 Data File : BG057113.D
 Acq On : 17 Apr 2023 15:41
 Operator : CG/JU
 Sample : PB152124BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152124BS

Quant Time: Apr 17 17:42:22 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	16019	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	65292	20.000	ng	# 0.00
39) Acenaphthene-d10	15.017	164	50572	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	123057	20.000	ng	# 0.00
76) Chrysene-d12	22.078	240	100993	20.000	ng	# 0.00
86) Perylene-d12	25.614	264	105233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.912	112	104134	104.040	ng	0.00
7) Phenol-d6	7.539	99	91196	60.920	ng	0.00
23) Nitrobenzene-d5	9.583	82	93903	58.848	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	73250	90.667	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	210223	56.368	ng	0.00
79) Terphenyl-d14	20.321	244	382288	64.053	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.709	88	15092	34.397	ng	99
3) Pyridine	4.132	79	28282	20.013	ng	# 94
4) n-Nitrosodimethylamine	4.038	42	15079	23.208	ng	98
6) Aniline	7.715	93	34057	17.796	ng	93
8) 2-Chlorophenol	7.962	128	33347	33.449	ng	93
9) Benzaldehyde	7.521	77	17745	18.899	ng	95
10) Phenol	7.568	94	38740	26.117	ng	98
11) bis(2-Chloroethyl)ether	7.797	93	26567	25.144	ng	97
12) 1,3-Dichlorobenzene	8.291	146	34355	31.187	ng	95
13) 1,4-Dichlorobenzene	8.438	146	44668	40.176	ng	99
14) 1,2-Dichlorobenzene	8.766	146	42482	39.550	ng	98
15) Benzyl Alcohol	8.637	79	46911	37.714	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.919	45	52518	41.243	ng	95
17) 2-Methylphenol	8.837	107	41923	39.615	ng	89
18) Hexachloroethane	9.507	117	16643	40.956	ng	93
19) n-Nitroso-di-n-propyla...	9.201	70	38704	36.147	ng	99
20) 3+4-Methylphenols	9.166	107	57487	38.848	ng	93
22) Acetophenone	9.231	105	69541	35.793	ng	98
24) Nitrobenzene	9.624	77	56056	34.360	ng	# 88
25) Isophorone	10.147	82	102491	33.730	ng	99
26) 2-Nitrophenol	10.347	139	24511	38.924	ng	# 82
27) 2,4-Dimethylphenol	10.382	122	44584	40.100	ng	93
28) bis(2-Chloroethoxy)met...	10.617	93	56943	37.432	ng	99
29) 2,4-Dichlorophenol	10.881	162	44740	37.417	ng	93
30) 1,2,4-Trichlorobenzene	11.099	180	45005	35.424	ng	98
31) Naphthalene	11.298	128	130493	36.667	ng	99
32) Benzoic acid	10.517	122	24819	32.498	ng	93
33) 4-Chloroaniline	11.392	127	34871	21.695	ng	96
34) Hexachlorobutadiene	11.569	225	31381	32.882	ng	# 87
35) Caprolactam	12.156	113	10191	24.714	ng	94
36) 4-Chloro-3-methylphenol	12.485	107	51504	38.517	ng	100
37) 2-Methylnaphthalene	12.873	142	97796	34.624	ng	98
38) 1-Methylnaphthalene	13.090	142	91456	34.483	ng	97
40) 1,2,4,5-Tetrachloroben...	13.231	216	62338	35.547	ng	97
41) Hexachlorocyclopentadiene	13.208	237	78070	80.798	ng	96
43) 2,4,6-Trichlorophenol	13.460	196	39643	35.424	ng	98

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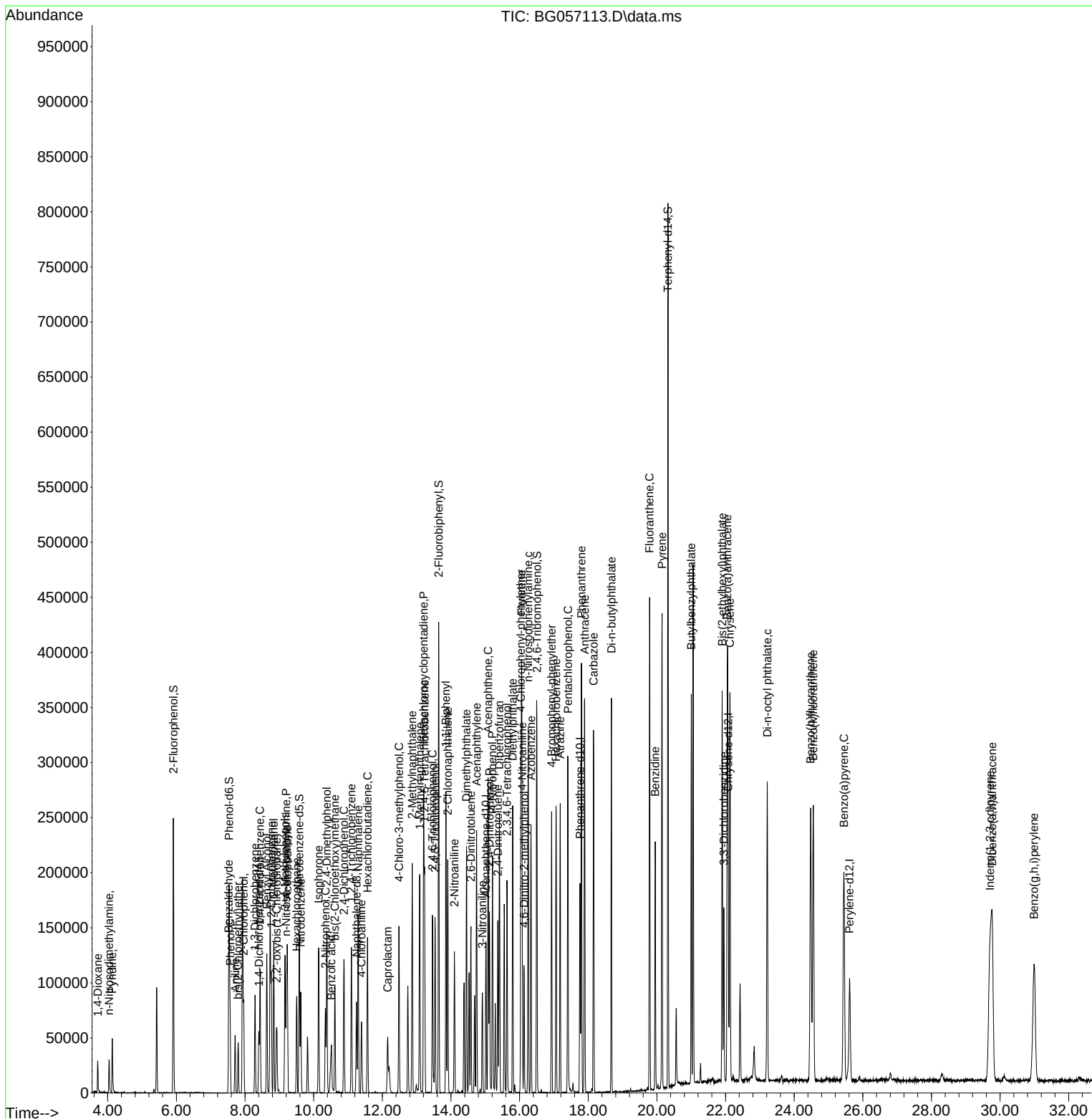
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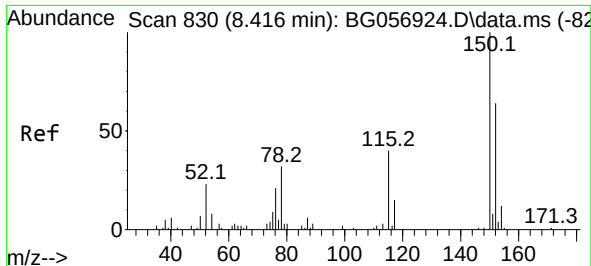
Quant Time: Apr 17 17:42:22 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.537	196	45555	34.362	ng	94
46) 1,1'-Biphenyl	13.854	154	140822	38.039	ng	98
47) 2-Chloronaphthalene	13.907	162	104945	38.329	ng	98
48) 2-Nitroaniline	14.100	65	36171	36.946	ng	95
49) Acenaphthylene	14.747	152	166696	37.055	ng	98
50) Dimethylphthalate	14.453	163	144121	36.168	ng	# 99
51) 2,6-Dinitrotoluene	14.582	165	31760	36.890	ng	94
52) Acenaphthene	15.081	154	105200	33.907	ng	92
53) 3-Nitroaniline	14.917	138	22916	26.891	ng	# 84
54) 2,4-Dinitrophenol	15.123	184	38506	79.461	ng	94
55) Dibenzofuran	15.410	168	170732	36.664	ng	98
56) 4-Nitrophenol	15.211	139	51229	81.296	ng	# 85
57) 2,4-Dinitrotoluene	15.369	165	46372	38.190	ng	# 94
58) Fluorene	16.057	166	141241	36.655	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.634	232	42606	35.296	ng	# 95
60) Diethylphthalate	15.798	149	151297	37.875	ng	98
61) 4-Chlorophenyl-phenyle...	16.039	204	79557	35.165	ng	98
62) 4-Nitroaniline	16.074	138	34054	38.570	ng	# 82
63) Azobenzene	16.333	77	146322	36.755	ng	97
65) 4,6-Dinitro-2-methylph...	16.133	198	28687	38.491	ng	90
66) n-Nitrosodiphenylamine	16.250	169	121403	36.751	ng	97
67) 4-Bromophenyl-phenylether	16.932	248	53084	34.864	ng	94
68) Hexachlorobenzene	17.061	284	58573	38.910	ng	98
69) Atrazine	17.185	200	52169	38.045	ng	90
70) Pentachlorophenol	17.408	266	64019	59.280	ng	98
71) Phenanthrene	17.801	178	232764	37.100	ng	99
72) Anthracene	17.895	178	238304	37.051	ng	99
73) Carbazole	18.154	167	209524	37.364	ng	94
74) Di-n-butylphthalate	18.677	149	253509	39.040	ng	99
75) Fluoranthene	19.787	202	275026	34.580	ng	97
77) Benzidine	19.951	184	125273	45.381	ng	# 96
78) Pyrene	20.151	202	272048	38.946	ng	96
80) Butylbenzylphthalate	21.003	149	104057	43.290	ng	96
81) Benzo(a)anthracene	22.054	228	263903	37.761	ng	98
82) 3,3'-Dichlorobenzidine	21.955	252	60636	25.694	ng	# 96
83) Chrysene	22.131	228	243211	37.168	ng	99
84) Bis(2-ethylhexyl)phtha...	21.902	149	149180	42.859	ng	97
85) Di-n-octyl phthalate	23.218	149	248108	42.299	ng	98
87) Indeno(1,2,3-cd)pyrene	29.709	276	305086	39.228	ng	# 94
88) Benzo(b)fluoranthene	24.480	252	272817	41.458	ng	# 97
89) Benzo(k)fluoranthene	24.557	252	260153	39.600	ng	# 98
90) Benzo(a)pyrene	25.450	252	235018	36.344	ng	# 97
91) Dibenzo(a,h)anthracene	29.767	278	255492	39.966	ng	96
92) Benzo(g,h,i)perylene	30.989	276	244698	39.091	ng	# 97

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

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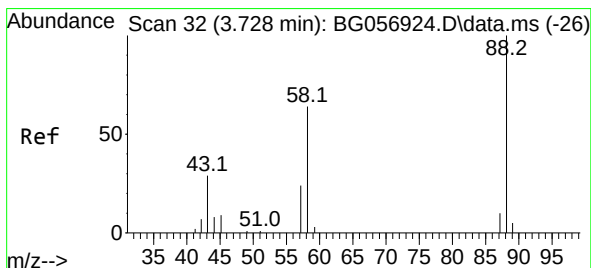
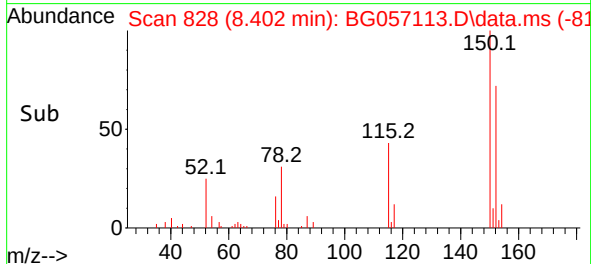
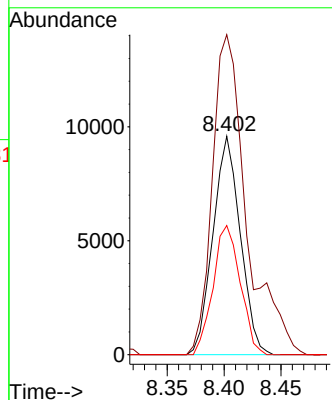
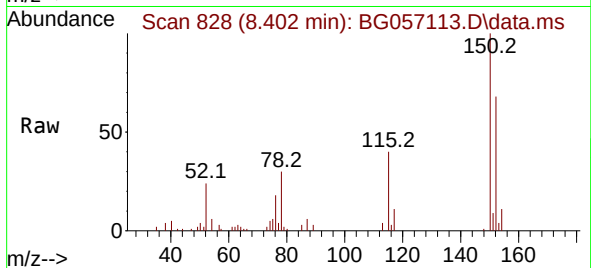




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057113.D
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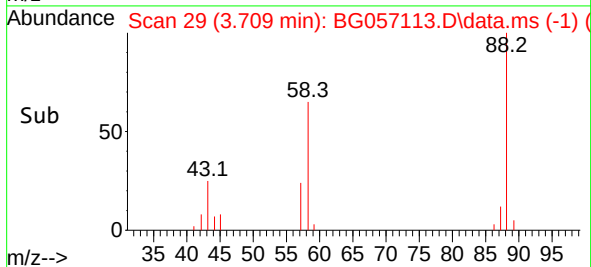
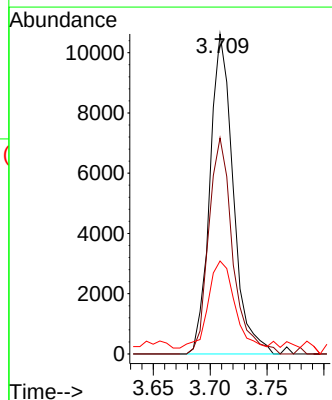
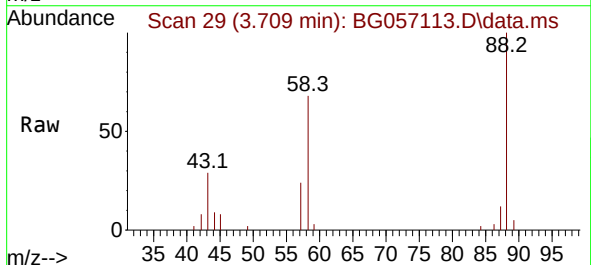
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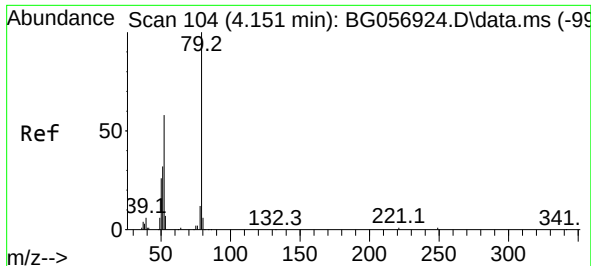
Tgt Ion:152 Resp: 16019
Ion Ratio Lower Upper
152 100
150 146.6 124.1 186.1
115 59.1 49.1 73.7



#2
1,4-Dioxane
Concen: 34.397 ng
RT: 3.709 min Scan# 29
Delta R.T. -0.015 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion: 88 Resp: 15092
Ion Ratio Lower Upper
88 100
58 69.8 55.9 83.9
43 30.4 25.7 38.5

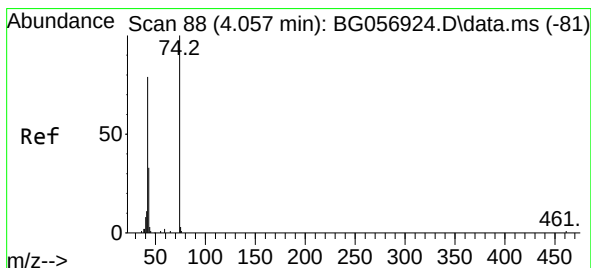
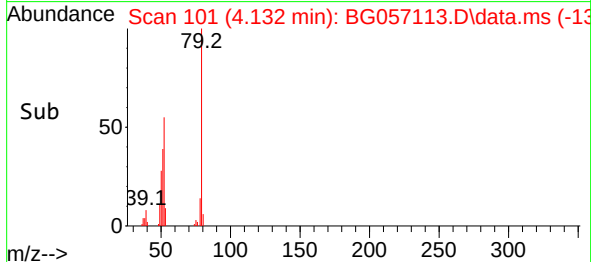
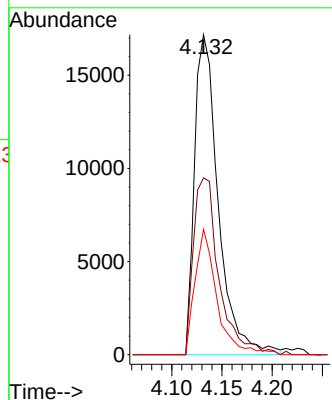
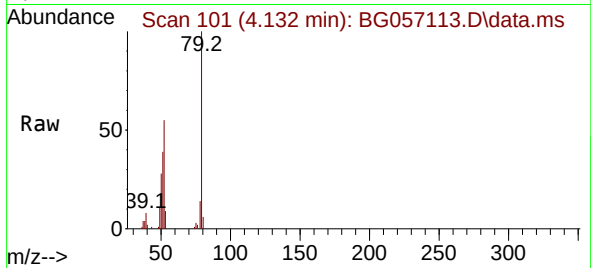




#3
 Pyridine
 Concen: 20.013 ng
 RT: 4.132 min Scan# 104
 Delta R.T. -0.015 min
 Lab File: BG057113.D
 Acq: 17 Apr 2023 15:41

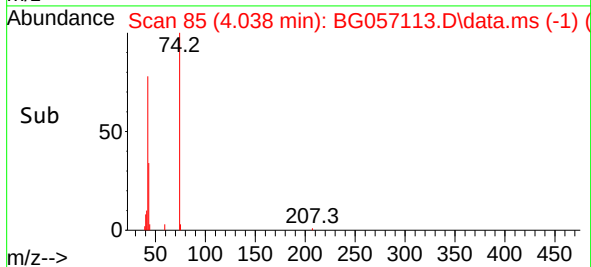
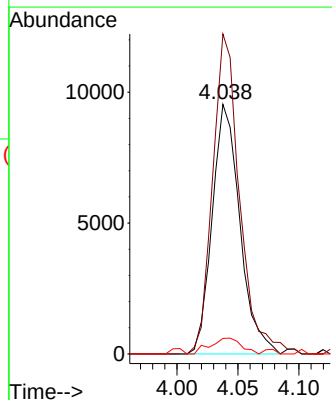
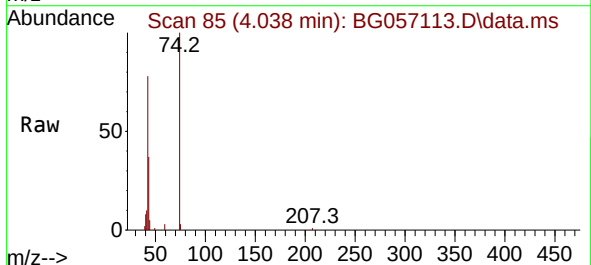
Instrument :
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 ClientSampleId :
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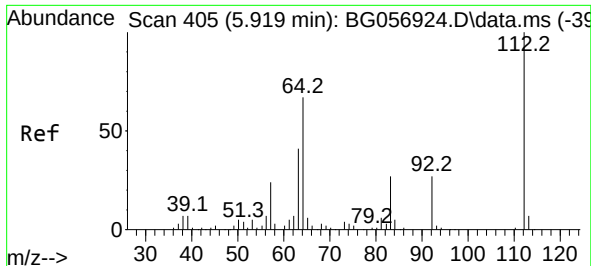
Tgt Ion: 79 Resp: 28282
 Ion Ratio Lower Upper
 79 100
 52 55.2 46.1 69.1
 51 39.2 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 23.208 ng
 RT: 4.038 min Scan# 85
 Delta R.T. -0.015 min
 Lab File: BG057113.D
 Acq: 17 Apr 2023 15:41

Tgt Ion: 42 Resp: 15079
 Ion Ratio Lower Upper
 42 100
 74 128.2 100.6 151.0
 44 6.2 4.6 7.0

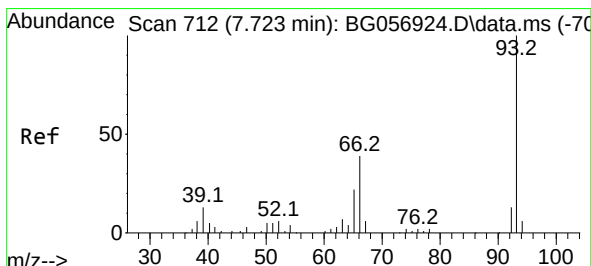
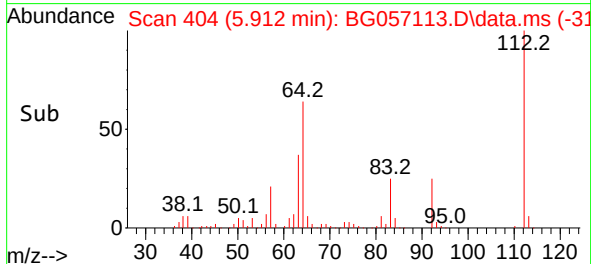
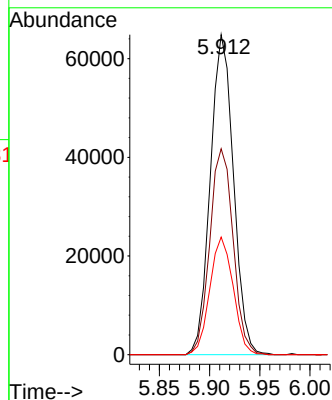
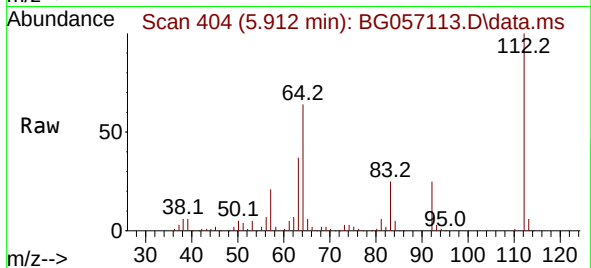




#5
2-Fluorophenol
Concen: 104.040 ng
RT: 5.912 min Scan# 404
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

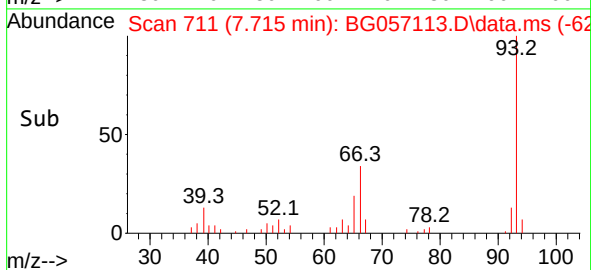
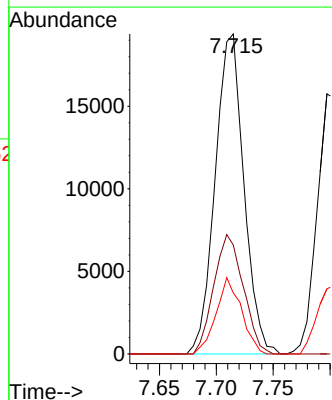
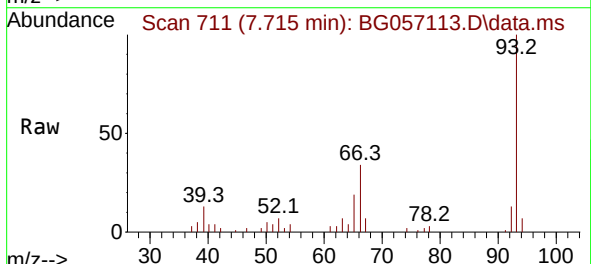
Instrument :
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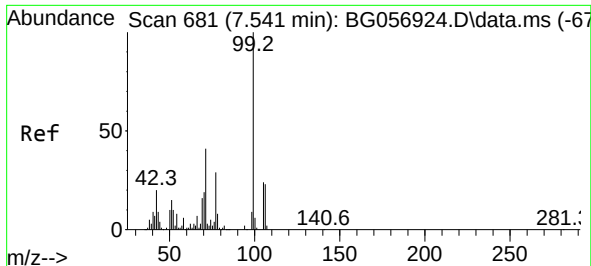
Tgt Ion:112 Resp: 104134
Ion Ratio Lower Upper
112 100
64 64.4 53.2 79.8
63 36.7 32.6 48.8



#6
Aniline
Concen: 17.796 ng
RT: 7.715 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion: 93 Resp: 34057
Ion Ratio Lower Upper
93 100
66 34.1 31.4 47.0
65 19.0 17.3 25.9

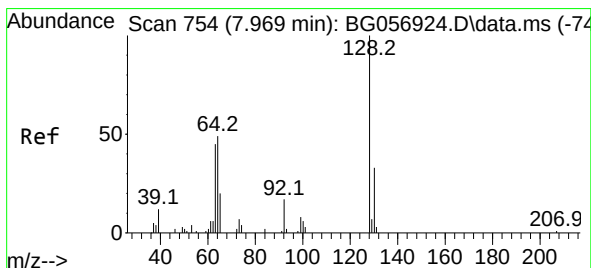
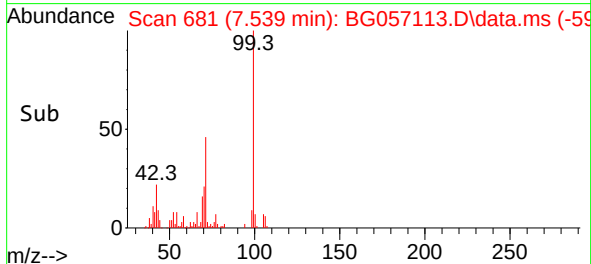
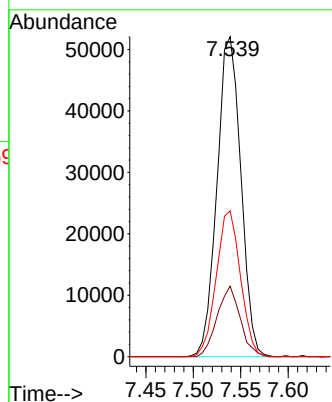
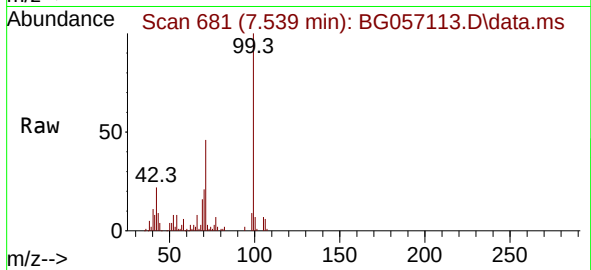




#7
Phenol-d6
Concen: 60.920 ng
RT: 7.539 min Scan# 611
Delta R.T. 0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

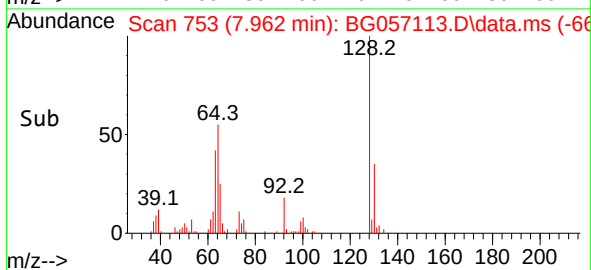
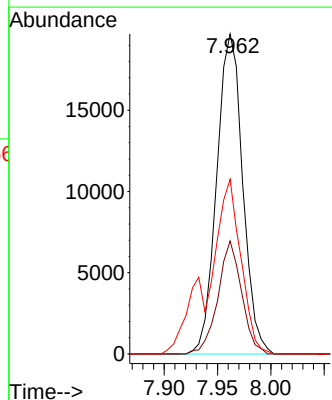
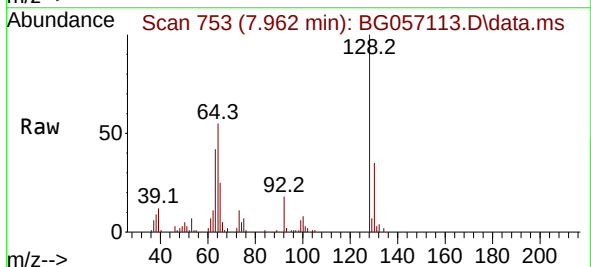
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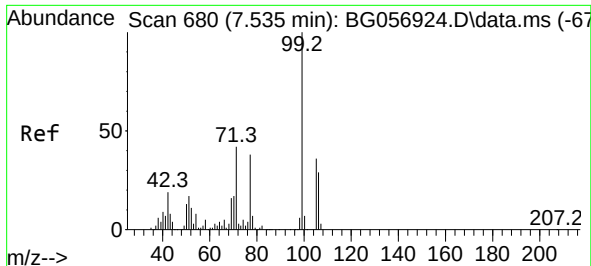
Tgt Ion: 99 Resp: 91196
Ion Ratio Lower Upper
99 100
42 22.1 15.7 23.5
71 45.6 32.5 48.7



#8
2-Chlorophenol
Concen: 33.449 ng
RT: 7.962 min Scan# 753
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion: 128 Resp: 33347
Ion Ratio Lower Upper
128 100
130 35.3 12.6 52.6
64 54.6 40.6 80.6

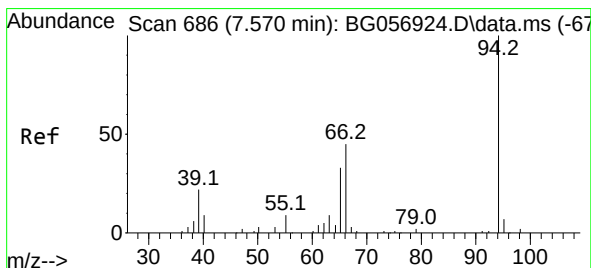
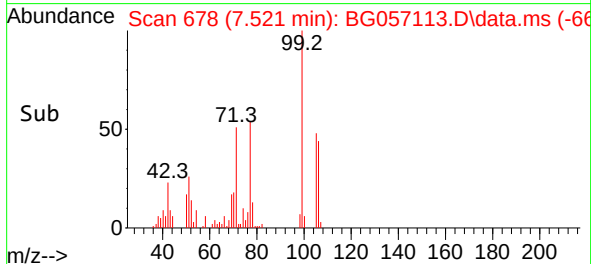
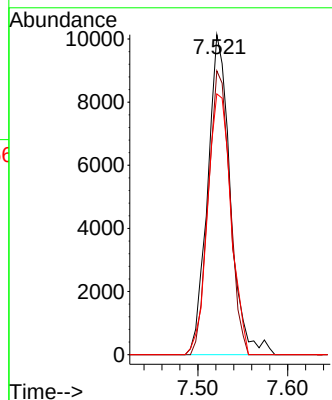
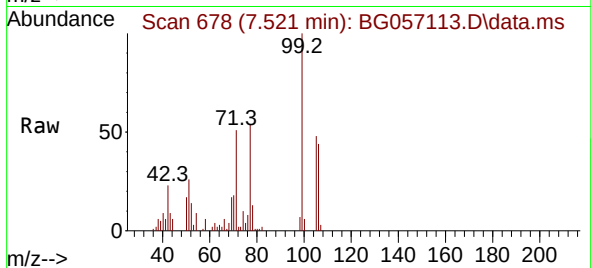




#9
Benzaldehyde
Concen: 18.899 ng
RT: 7.521 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

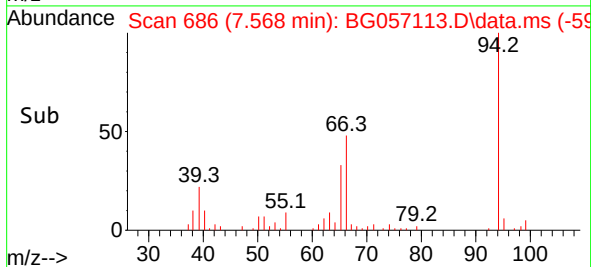
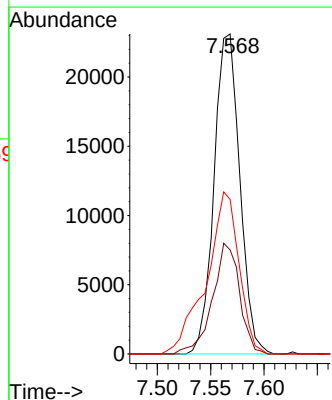
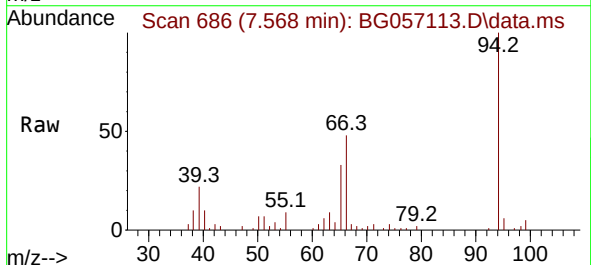
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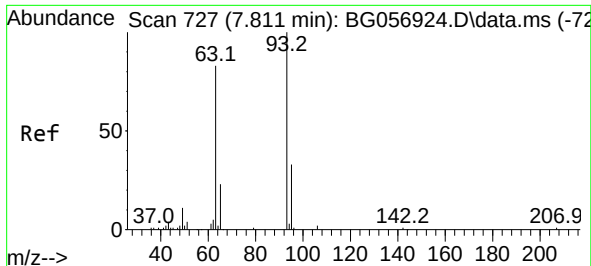
Tgt Ion: 77 Resp: 17745
Ion Ratio Lower Upper
77 100
105 88.7 73.6 113.6
106 81.5 56.7 96.7



#10
Phenol
Concen: 26.117 ng
RT: 7.568 min Scan# 686
Delta R.T. 0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion: 94 Resp: 38740
Ion Ratio Lower Upper
94 100
65 32.5 13.3 53.3
66 48.3 26.7 66.7

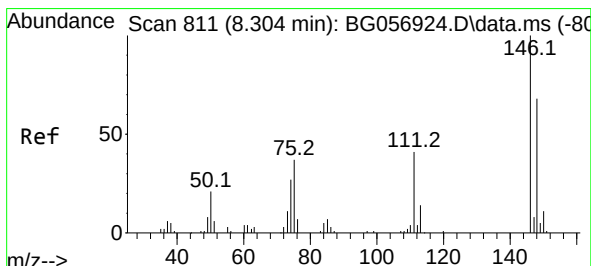
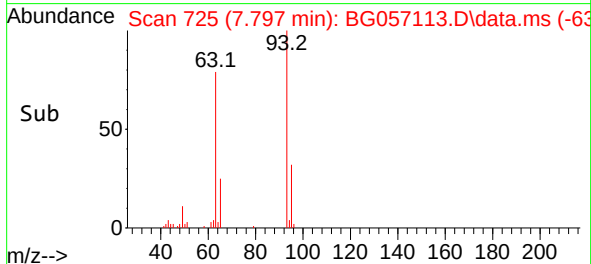
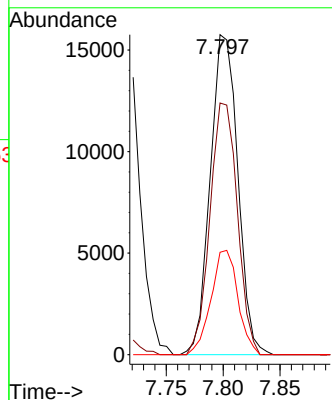
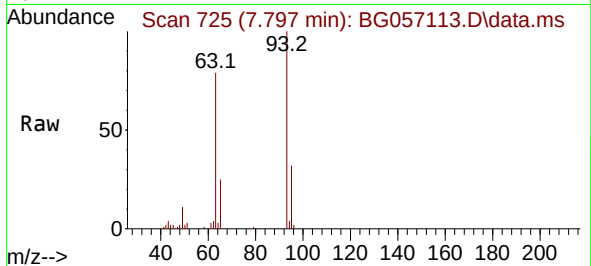




#11
bis(2-Chloroethyl)ether
Concen: 25.144 ng
RT: 7.797 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

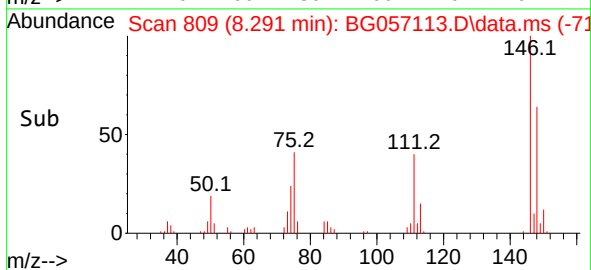
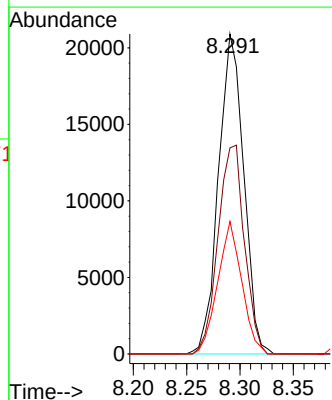
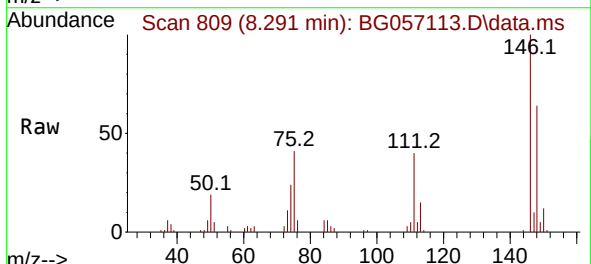
Instrument :
BNA_G
ClientSampleId :
PB152124BS

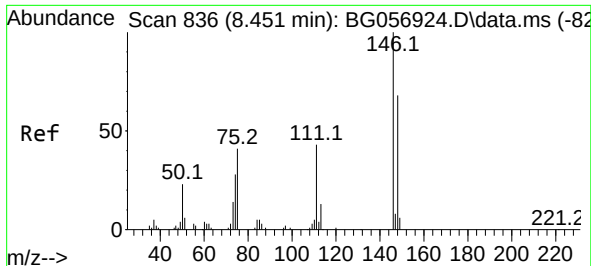
Tgt Ion: 93 Resp: 26567
Ion Ratio Lower Upper
93 100
63 78.6 62.7 102.7
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 31.187 ng
RT: 8.291 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion: 146 Resp: 34355
Ion Ratio Lower Upper
146 100
148 64.4 54.2 81.4
75 41.4 29.8 44.8

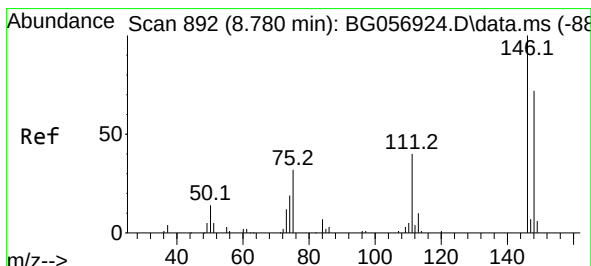
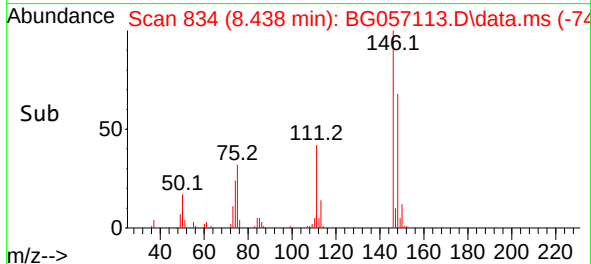
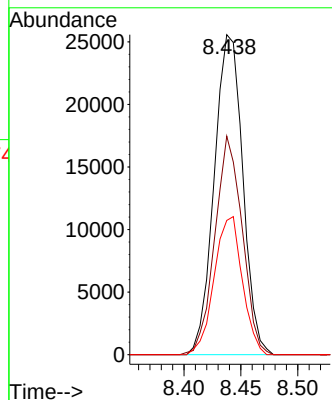
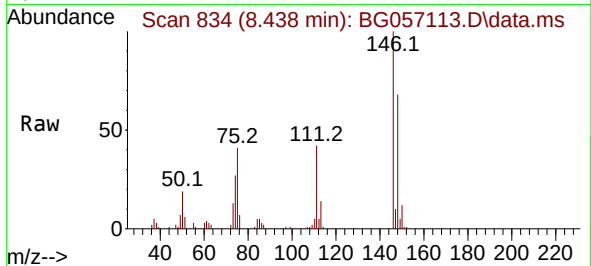




#13
1,4-Dichlorobenzene
Concen: 40.176 ng
RT: 8.438 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

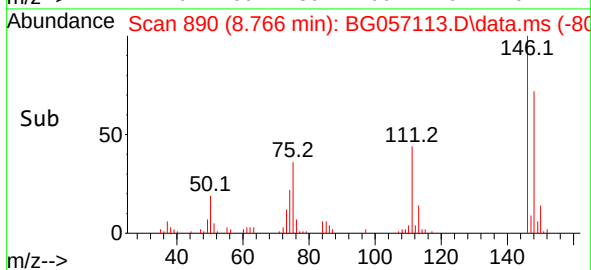
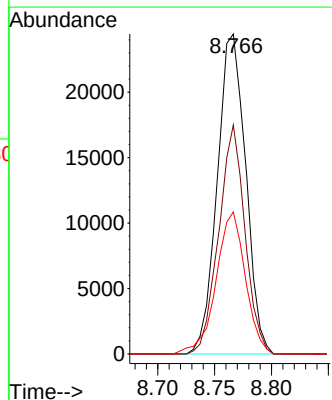
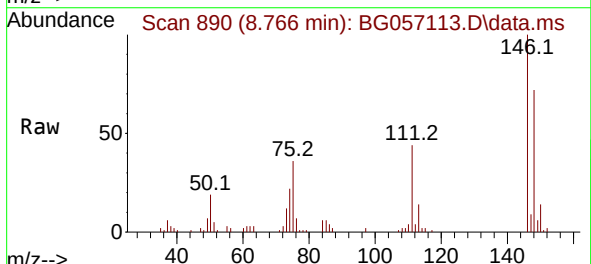
Instrument :
BNA_G
ClientSampleId :
PB152124BS

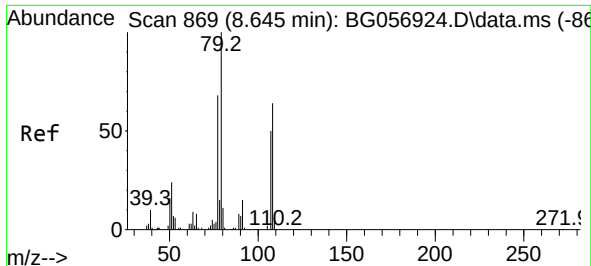
Tgt Ion:146 Resp: 44668
Ion Ratio Lower Upper
146 100
148 68.3 54.8 82.2
111 42.0 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 39.550 ng
RT: 8.766 min Scan# 890
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:146 Resp: 42482
Ion Ratio Lower Upper
146 100
148 71.6 57.4 86.0
111 44.4 33.2 49.8

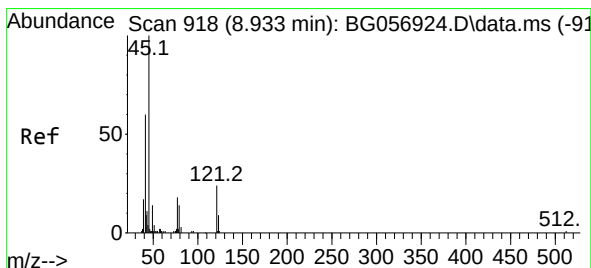
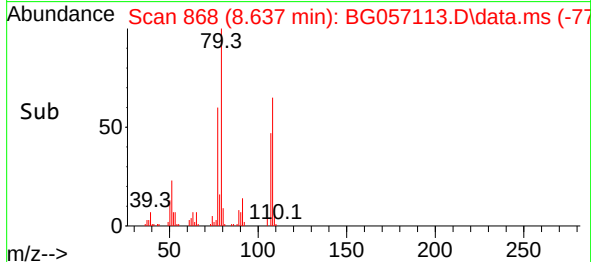
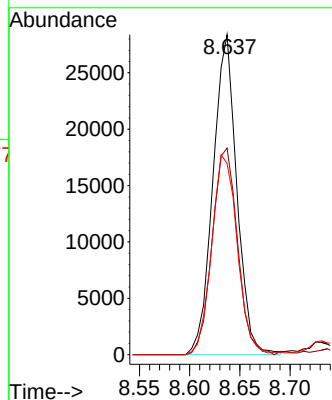
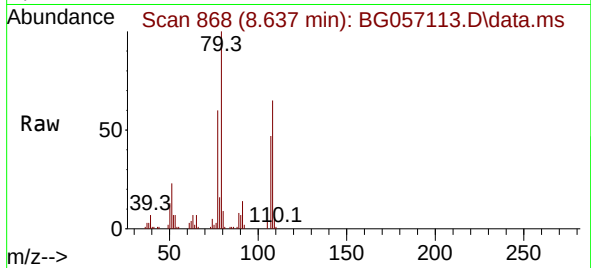




#15
Benzyl Alcohol
Concen: 37.714 ng
RT: 8.637 min Scan# 869
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

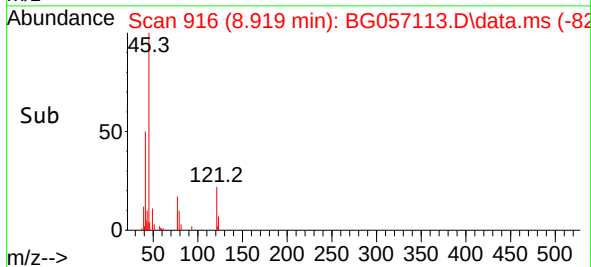
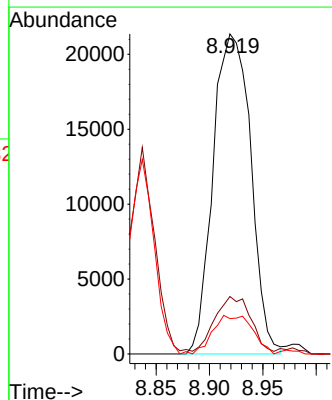
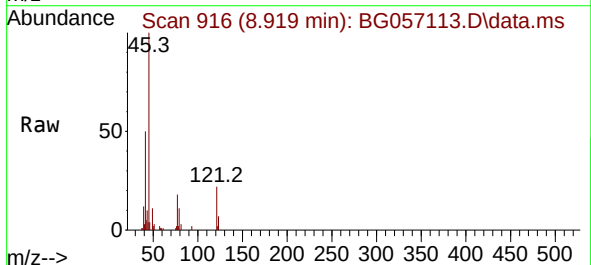
Instrument :
BNA_G
ClientSampleId :
PB152124BS

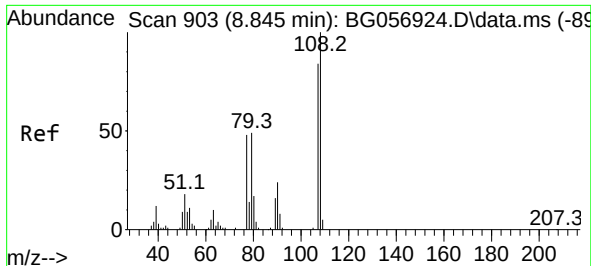
Tgt Ion: 79 Resp: 46911
Ion Ratio Lower Upper
79 100
108 64.6 51.2 76.8
77 59.7 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.243 ng
RT: 8.919 min Scan# 916
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion: 45 Resp: 52518
Ion Ratio Lower Upper
45 100
77 18.0 0.0 38.7
79 11.1 0.0 35.1

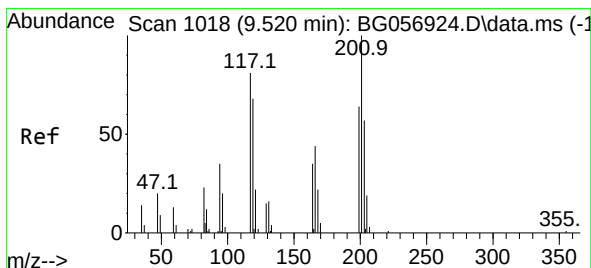
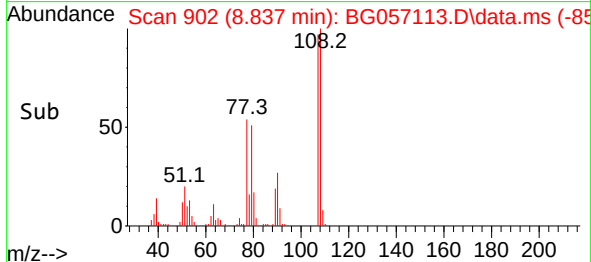
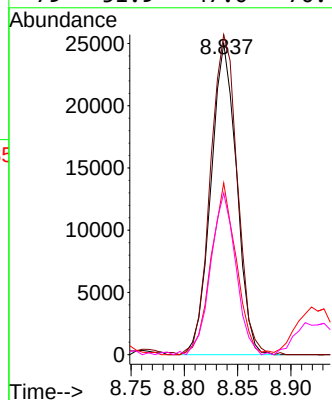
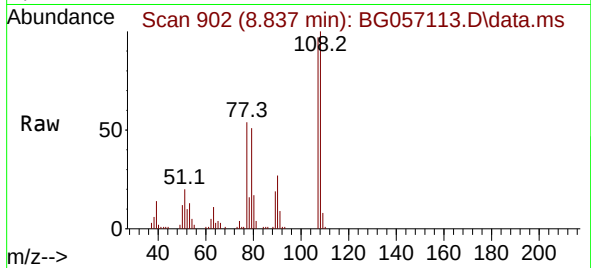




#17
2-Methylphenol
Concen: 39.615 ng
RT: 8.837 min Scan# 903
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

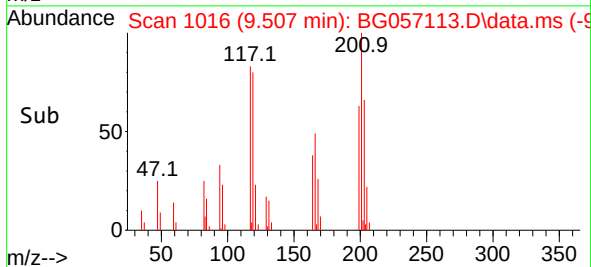
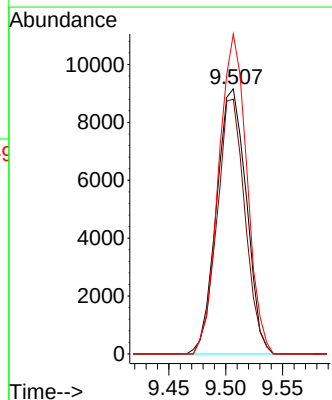
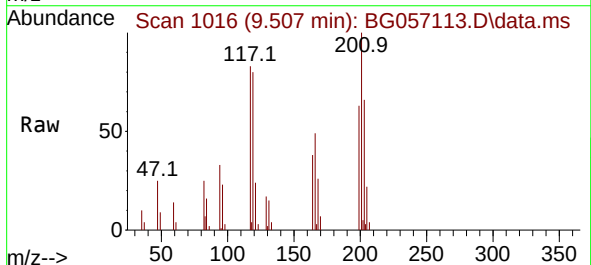
Instrument :
BNA_G
ClientSampleId :
PB152124BS

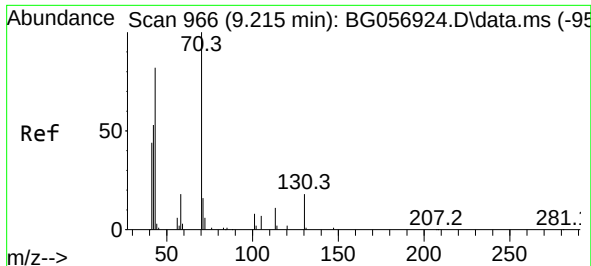
Tgt Ion:	107	Resp:	41923
Ion	Ratio	Lower	Upper
107	100		
108	102.7	96.0	144.0
77	55.1	45.6	68.4
79	51.9	47.0	70.4



#18
Hexachloroethane
Concen: 40.956 ng
RT: 9.507 min Scan# 1016
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:	117	Resp:	16643
Ion	Ratio	Lower	Upper
117	100		
119	96.2	67.0	100.6
201	120.7	98.7	148.1

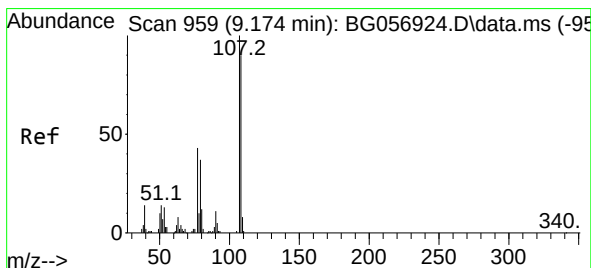
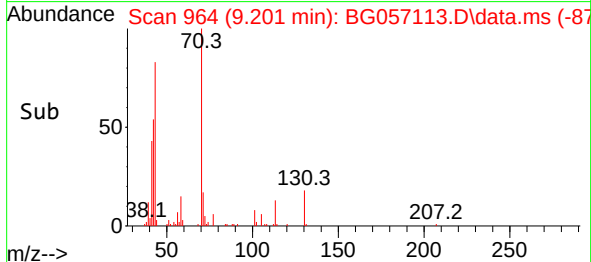
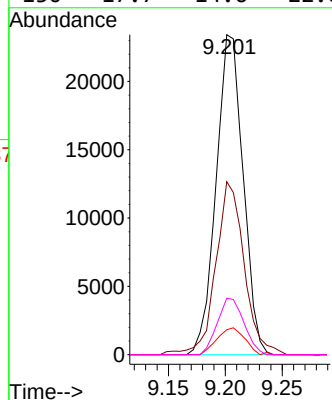
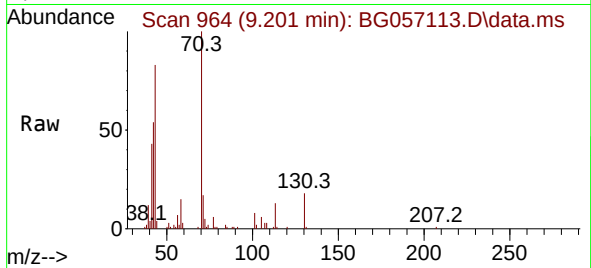




#19
n-Nitroso-di-n-propylamine
Concen: 36.147 ng
RT: 9.201 min Scan# 901
Delta R.T. -0.009 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

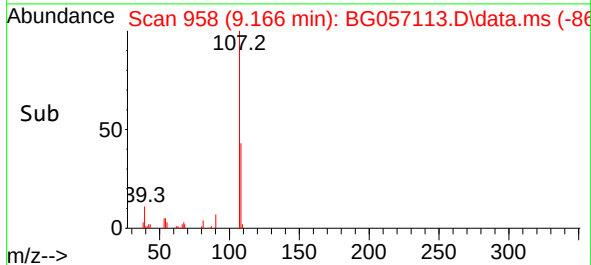
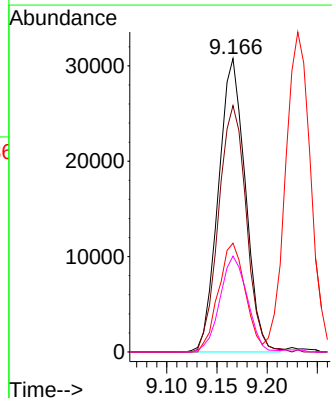
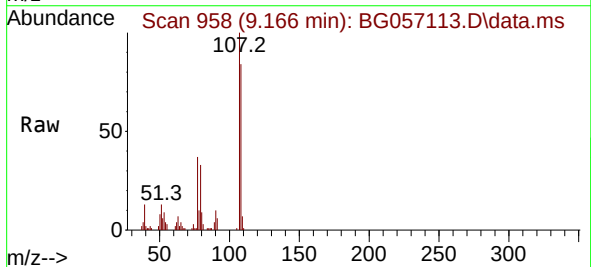
Instrument :
BNA_G
ClientSampleId :
PB152124BS

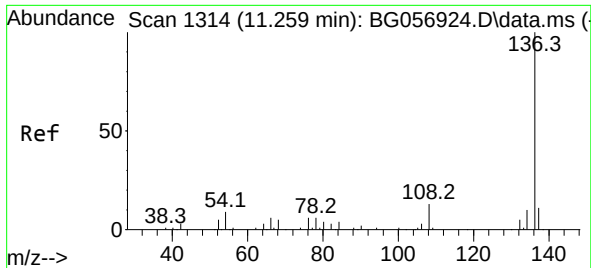
Tgt Ion: 70 Resp: 38704
Ion Ratio Lower Upper
70 100
42 54.0 43.4 65.0
101 7.8 6.2 9.2
130 17.7 14.6 22.0



#20
3+4-Methylphenols
Concen: 38.848 ng
RT: 9.166 min Scan# 958
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion: 107 Resp: 57487
Ion Ratio Lower Upper
107 100
108 84.0 69.9 109.9
77 37.1 22.7 62.7
79 32.7 16.5 56.5

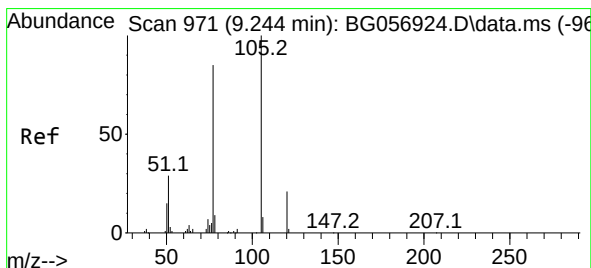
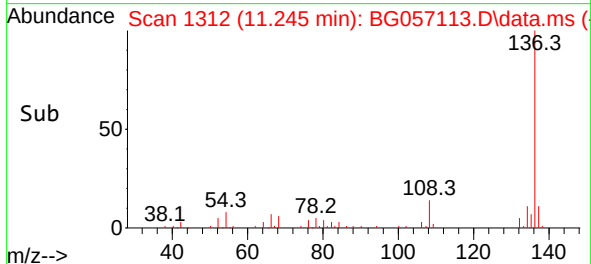
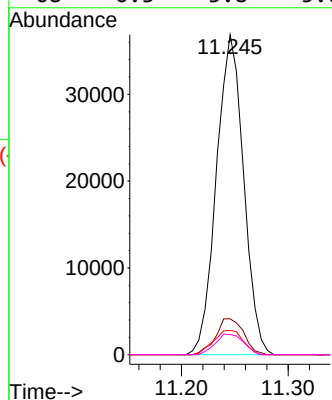
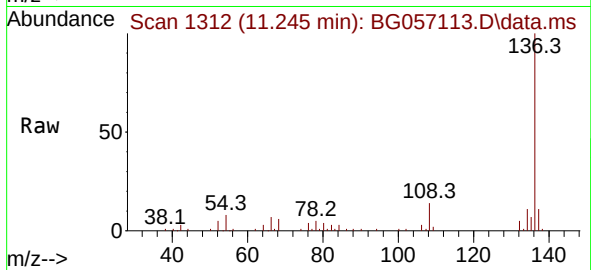




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

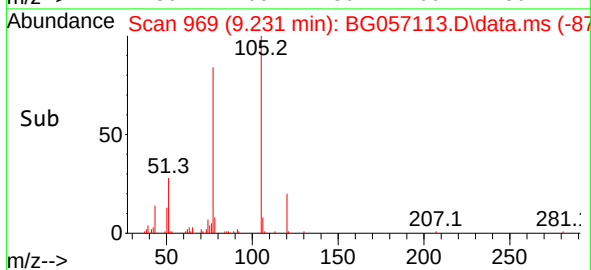
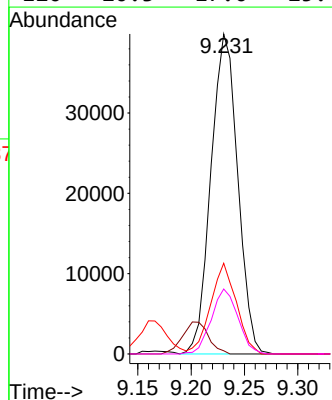
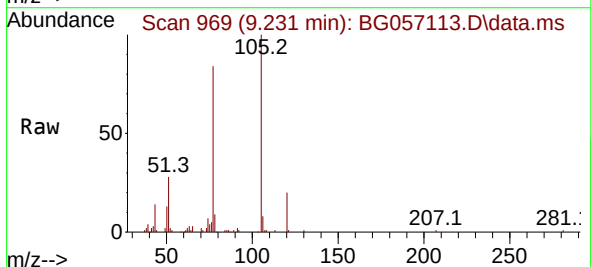
Instrument :
BNA_G
ClientSampleId :
PB152124BS

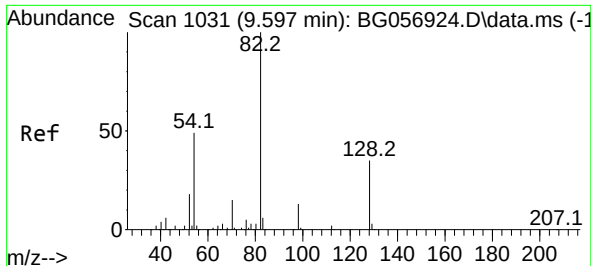
Tgt Ion:	136	Resp:	65292
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	7.6	6.9	10.3
68	6.3	3.8	5.6



#22
Acetophenone
Concen: 35.793 ng
RT: 9.231 min Scan# 969
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:	105	Resp:	69541
Ion Ratio	Lower	Upper	
105	100		
71	1.0	0.7	1.1
51	28.4	23.8	35.8
120	20.3	17.0	25.4

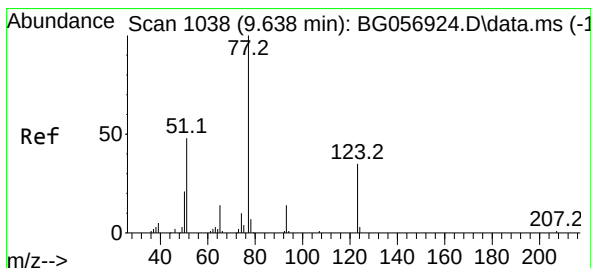
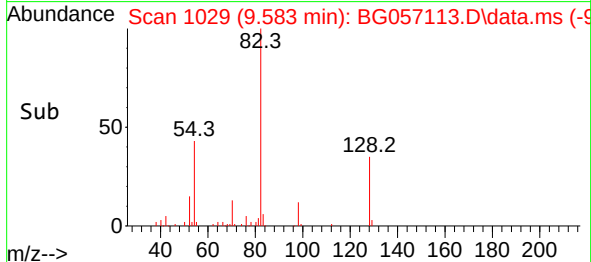
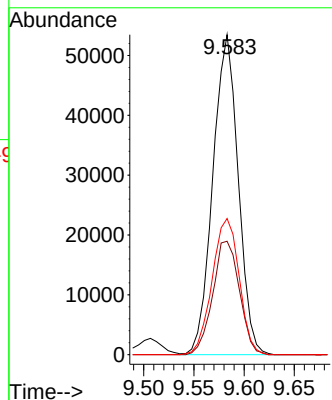
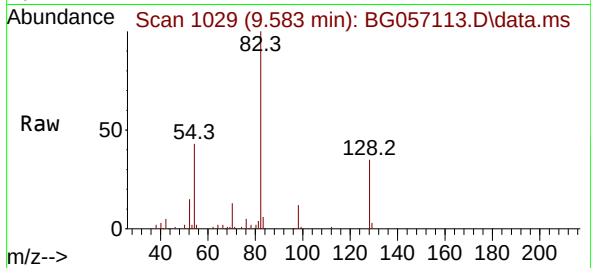




#23
Nitrobenzene-d5
Concen: 58.848 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

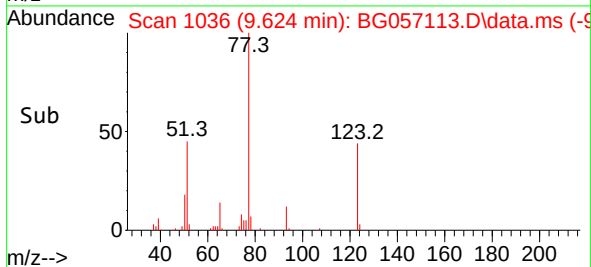
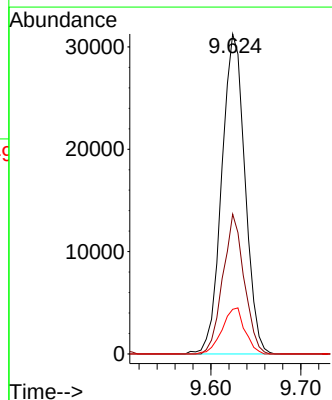
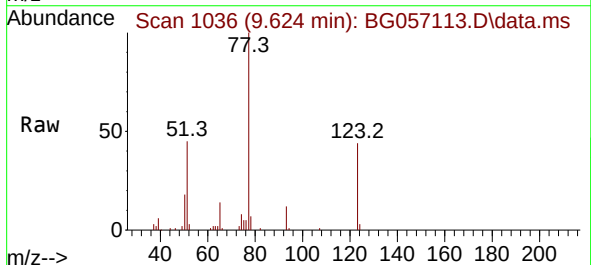
Instrument :
BNA_G
ClientSampleId :
PB152124BS

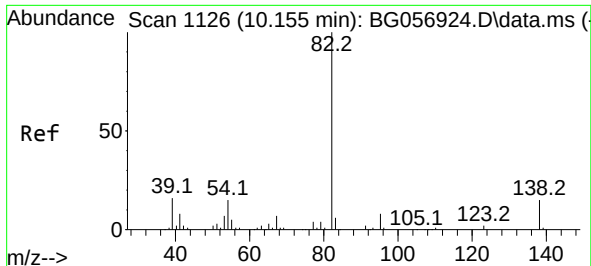
Tgt Ion: 82 Resp: 93903
Ion Ratio Lower Upper
82 100
128 35.5 27.9 41.9
54 42.6 39.4 59.2



#24
Nitrobenzene
Concen: 34.360 ng
RT: 9.624 min Scan# 1036
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion: 77 Resp: 56056
Ion Ratio Lower Upper
77 100
123 43.7 27.6 41.4#
65 14.0 11.5 17.3

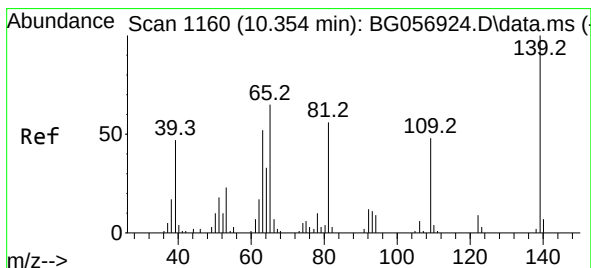
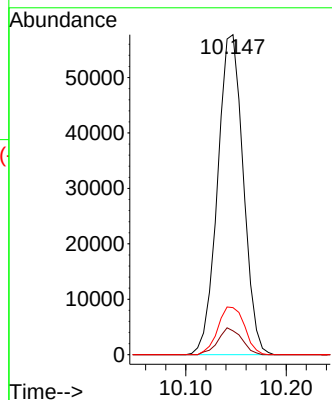
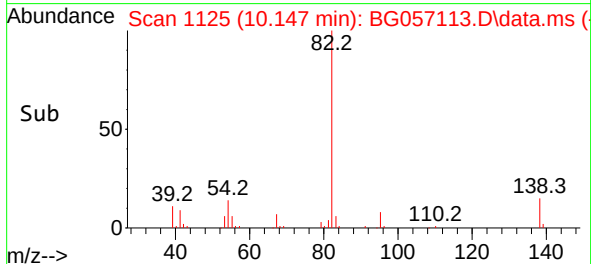
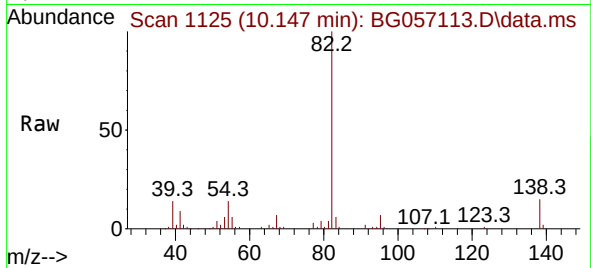




#25
Isophorone
Concen: 33.730 ng
RT: 10.147 min Scan# 1125
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

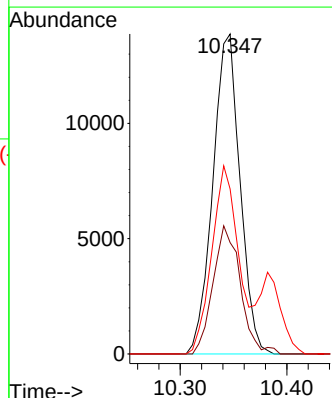
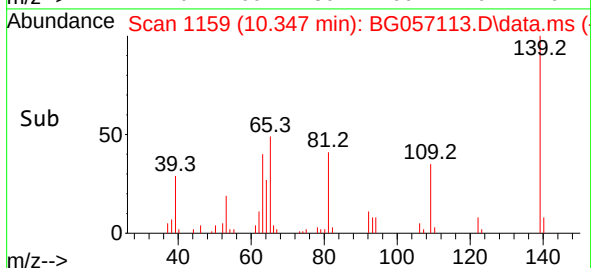
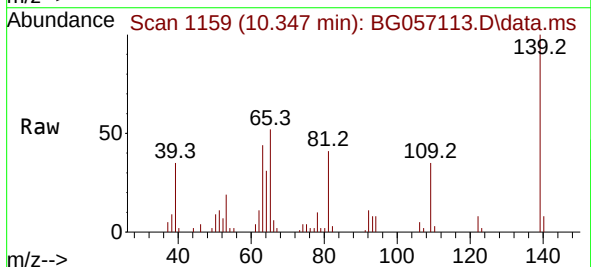
Instrument :
BNA_G
ClientSampleId :
PB152124BS

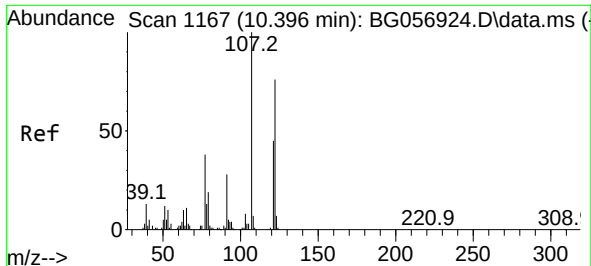
Tgt Ion: 82 Resp: 102491
Ion Ratio Lower Upper
82 100
95 7.4 6.3 9.5
138 14.7 11.8 17.8



#26
2-Nitrophenol
Concen: 38.924 ng
RT: 10.347 min Scan# 1159
Delta R.T. 0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:139 Resp: 24511
Ion Ratio Lower Upper
139 100
109 34.8 38.2 57.4#
65 51.6 51.8 77.8#





#27

2,4-Dimethylphenol

Concen: 40.100 ng

RT: 10.382 min Scan# 1165

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

Instrument :

BNA_G

ClientSampleId :

PB152124BS

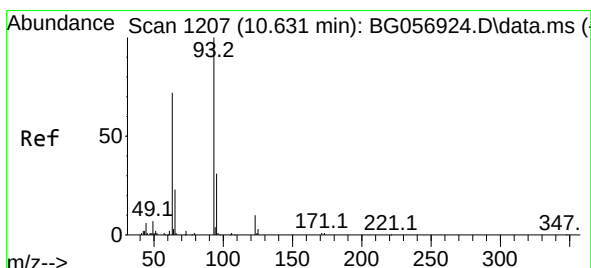
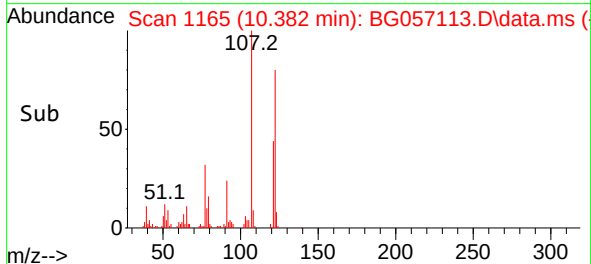
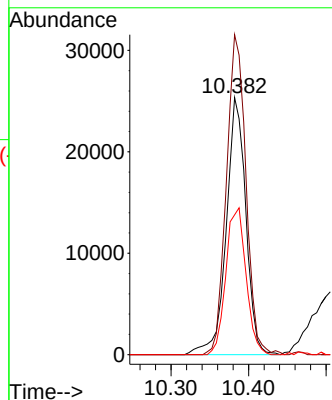
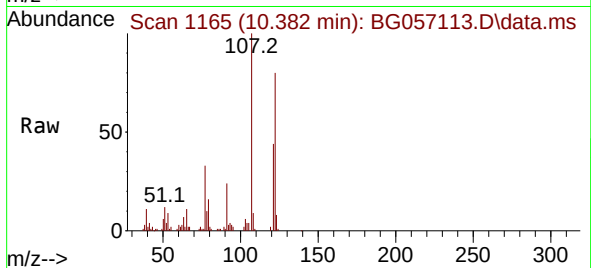
Tgt Ion:122 Resp: 44584

Ion Ratio Lower Upper

122 100

107 124.5 105.7 158.5

121 54.4 48.0 72.0



#28

bis(2-Chloroethoxy)methane

Concen: 37.432 ng

RT: 10.617 min Scan# 1205

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

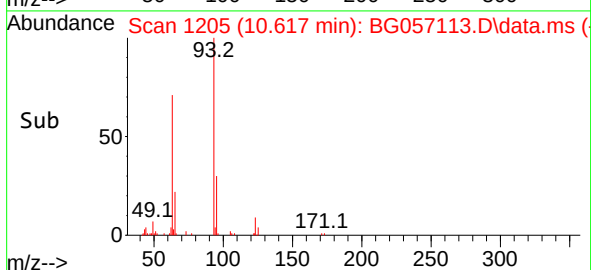
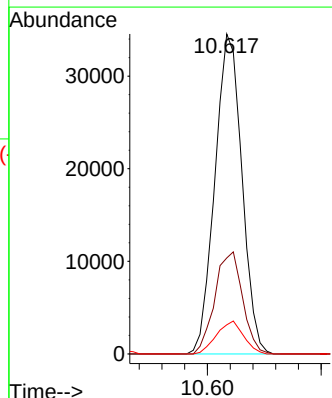
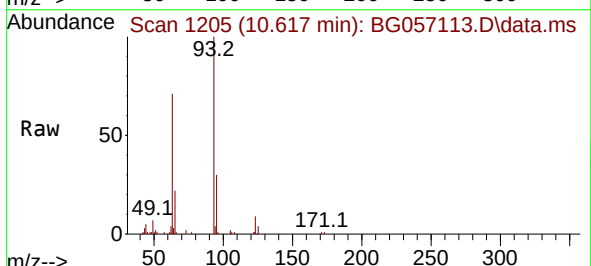
Tgt Ion: 93 Resp: 56943

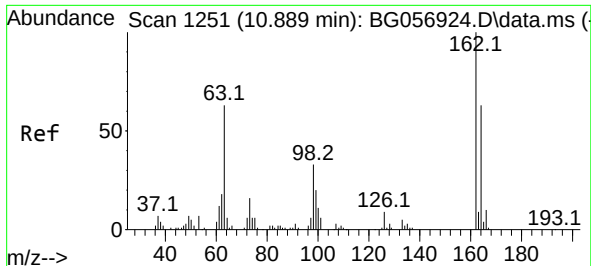
Ion Ratio Lower Upper

93 100

95 30.0 24.6 37.0

123 9.1 7.8 11.6

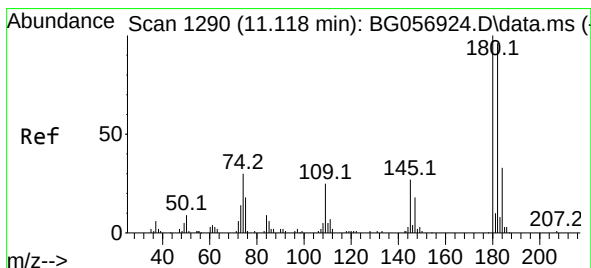
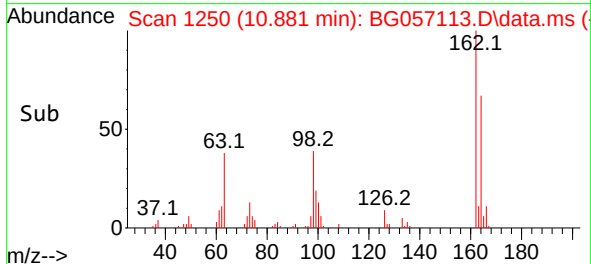
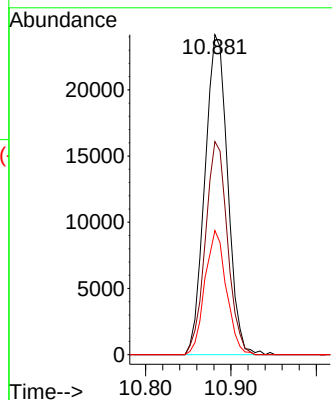
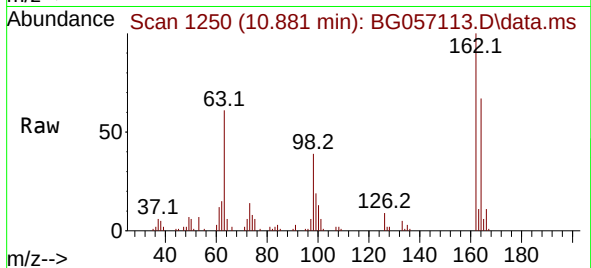




#29
2,4-Dichlorophenol
Concen: 37.417 ng
RT: 10.881 min Scan# 1250
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

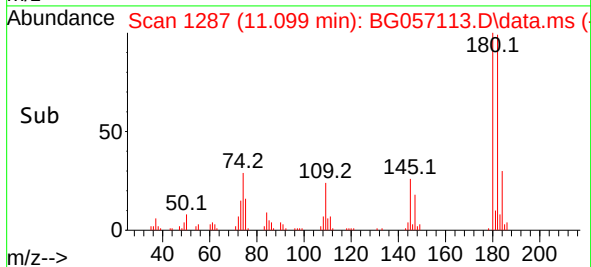
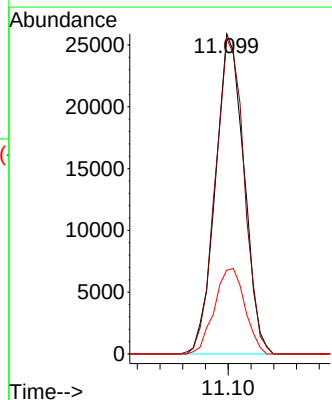
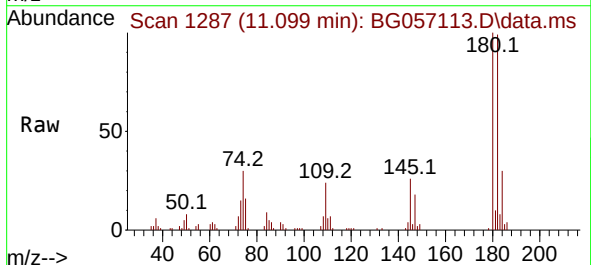
Instrument :
BNA_G
ClientSampleId :
PB152124BS

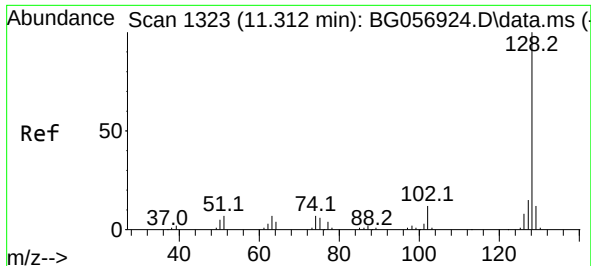
Tgt Ion:	162	Resp:	44740
Ion Ratio	Lower	Upper	
162	100		
164	66.6	43.4	83.4
98	38.8	12.5	52.5



#30
1,2,4-Trichlorobenzene
Concen: 35.424 ng
RT: 11.099 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:	180	Resp:	45005
Ion Ratio	Lower	Upper	
180	100		
182	98.7	77.1	115.7
145	26.2	21.3	31.9

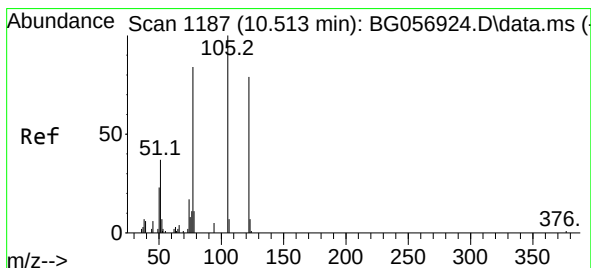
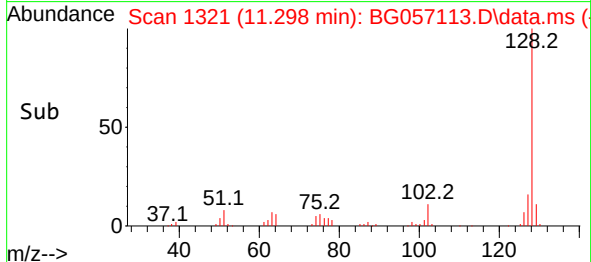
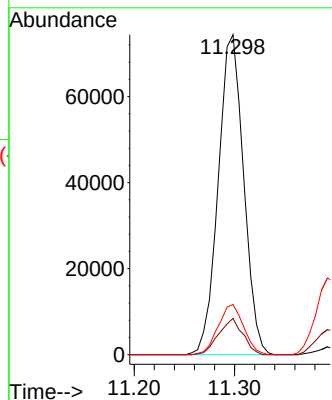
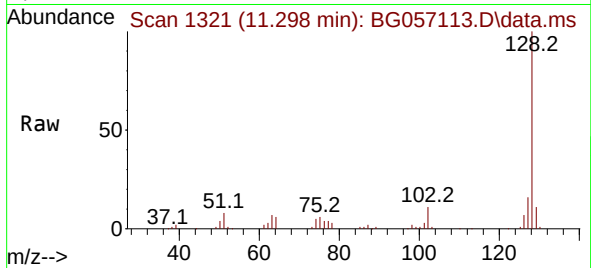




#31
Naphthalene
Concen: 36.667 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

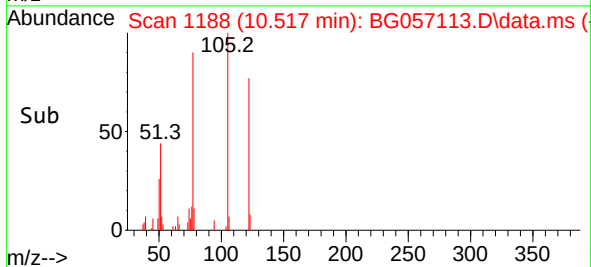
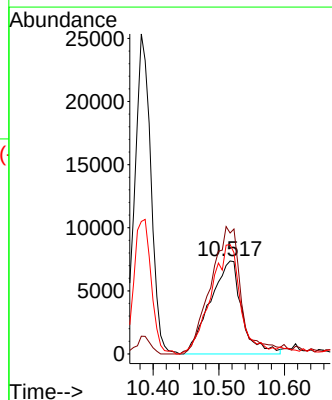
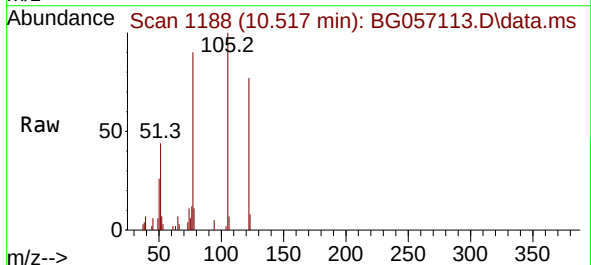
Instrument :
BNA_G
ClientSampleId :
PB152124BS

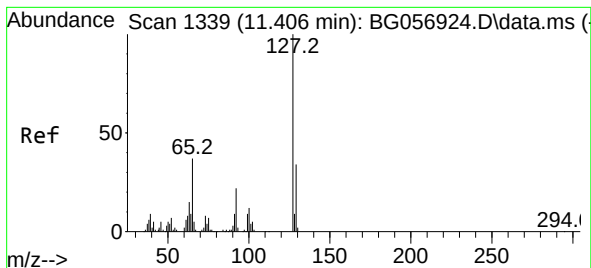
Tgt Ion:128 Resp: 130493
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 15.7 12.2 18.4



#32
Benzoic acid
Concen: 32.498 ng
RT: 10.517 min Scan# 1188
Delta R.T. 0.009 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:122 Resp: 24819
Ion Ratio Lower Upper
122 100
105 130.1 105.4 145.4
77 117.6 87.4 127.4

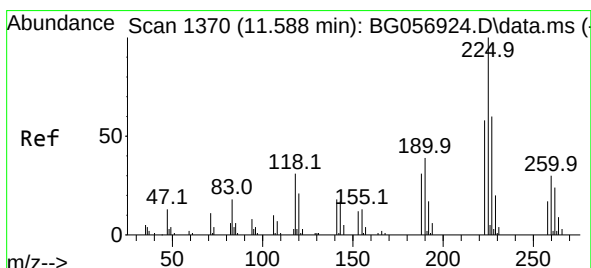
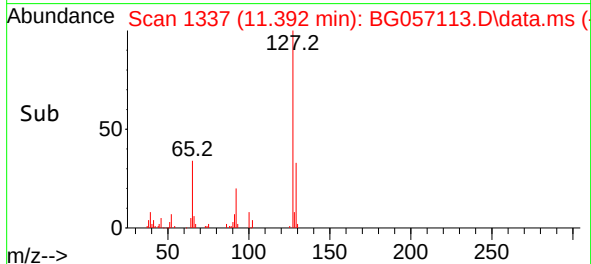
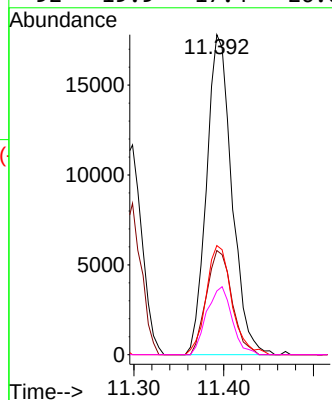
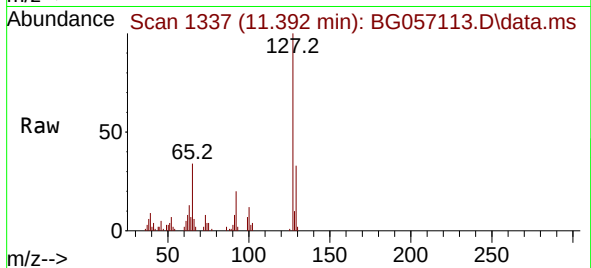




#33
4-Chloroaniline
Concen: 21.695 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

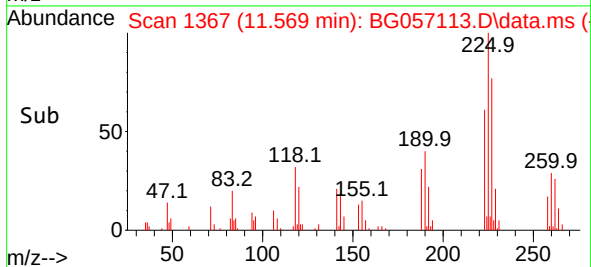
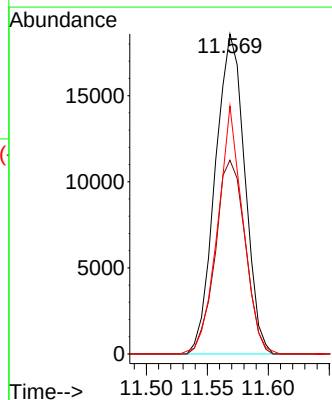
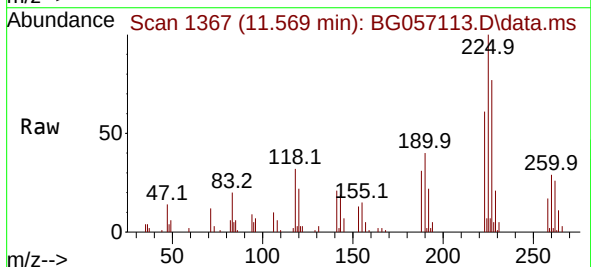
Instrument :
BNA_G
ClientSampleId :
PB152124BS

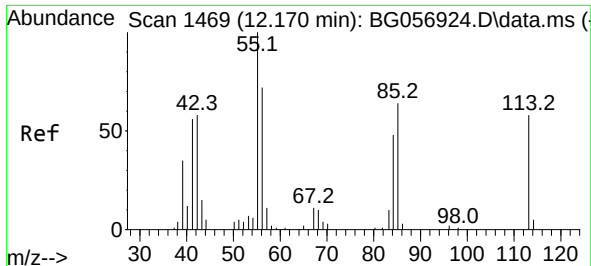
Tgt Ion:	127	Resp:	34871
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.6	41.4
65	34.1	29.8	44.8
92	19.9	17.4	26.0



#34
Hexachlorobutadiene
Concen: 32.882 ng
RT: 11.569 min Scan# 1367
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:	225	Resp:	31381
Ion	Ratio	Lower	Upper
225	100		
223	60.6	46.4	69.6
227	77.5	48.0	72.0#

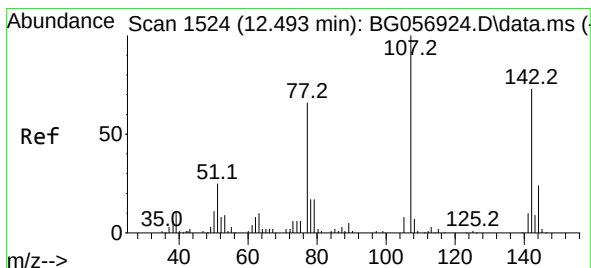
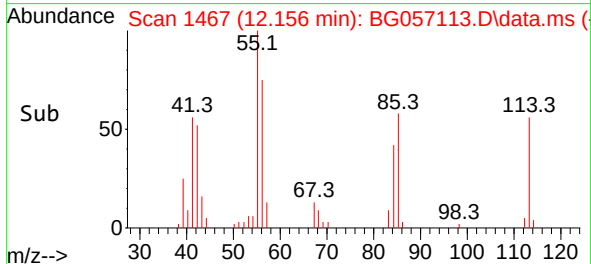
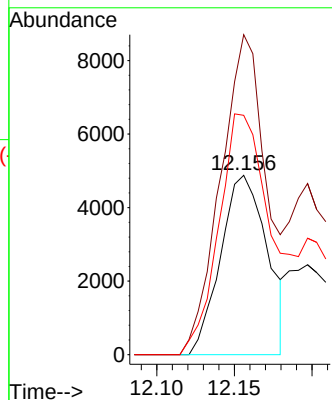
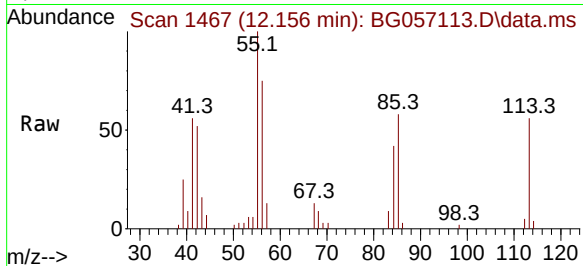




#35
 Caprolactam
 Concen: 24.714 ng
 RT: 12.156 min Scan# 1467
 Delta R.T. -0.009 min
 Lab File: BG057113.D
 Acq: 17 Apr 2023 15:41

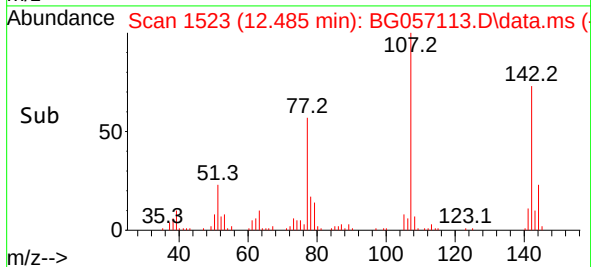
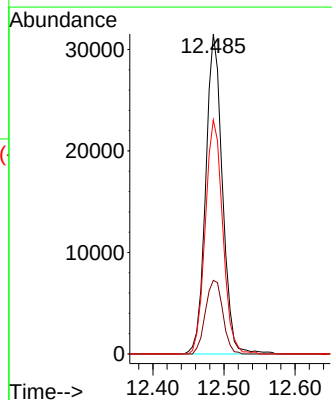
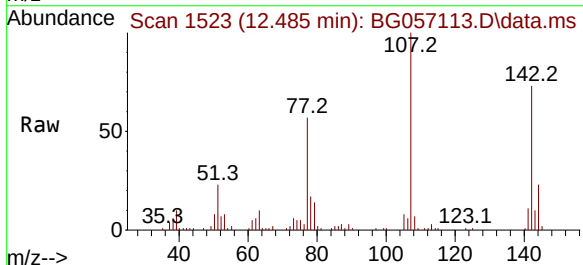
Instrument :
 BNA_G
 ClientSampleId :
 PB152124BS

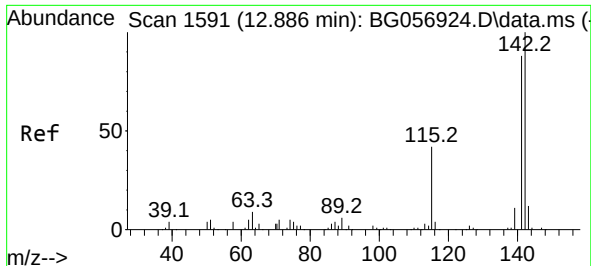
Tgt Ion:113 Resp: 10191
 Ion Ratio Lower Upper
 113 100
 55 178.4 151.6 191.6
 56 133.4 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.517 ng
 RT: 12.485 min Scan# 1523
 Delta R.T. -0.003 min
 Lab File: BG057113.D
 Acq: 17 Apr 2023 15:41

Tgt Ion:107 Resp: 51504
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.0 28.4
 142 73.2 58.6 88.0

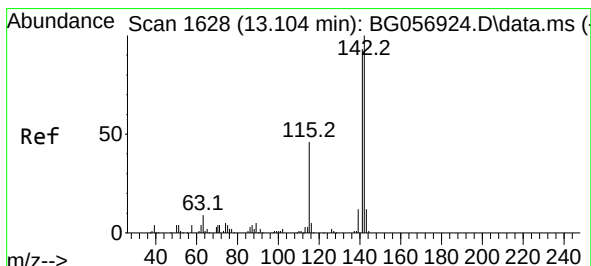
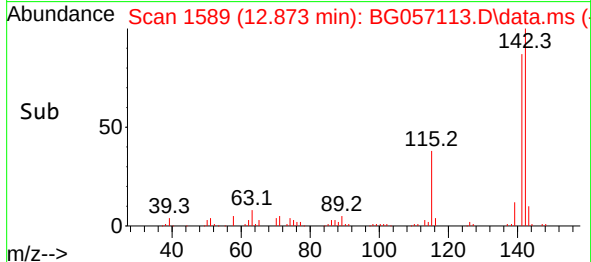
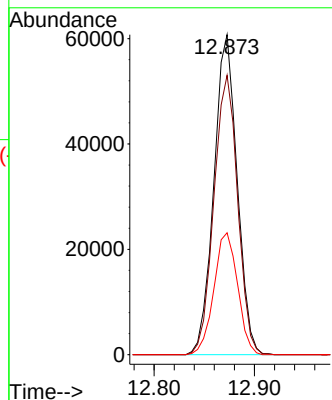
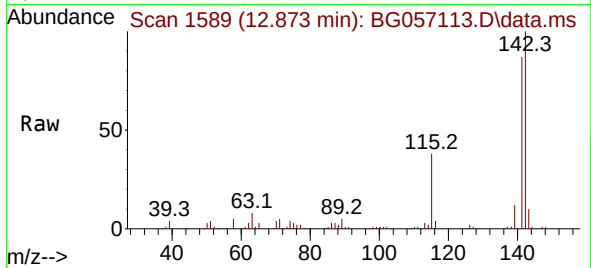




#37
2-Methylnaphthalene
Concen: 34.624 ng
RT: 12.873 min Scan# 1589
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

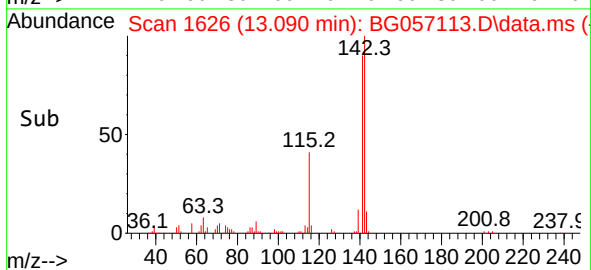
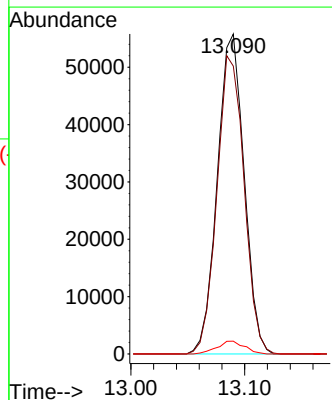
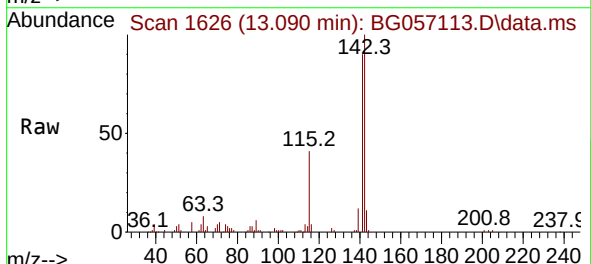
Instrument :
BNA_G
ClientSampleId :
PB152124BS

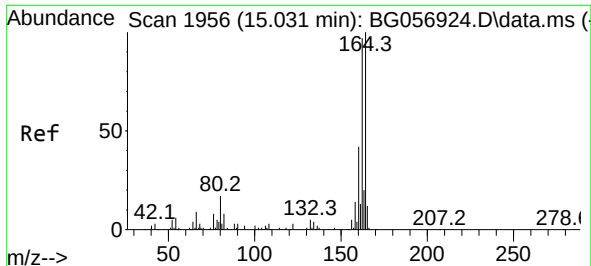
Tgt Ion:142 Resp: 97796
Ion Ratio Lower Upper
142 100
141 87.3 70.3 105.5
115 38.1 33.5 50.3



#38
1-Methylnaphthalene
Concen: 34.483 ng
RT: 13.090 min Scan# 1626
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:142 Resp: 91456
Ion Ratio Lower Upper
142 100
141 90.0 74.0 111.0
116 4.0 3.7 5.5

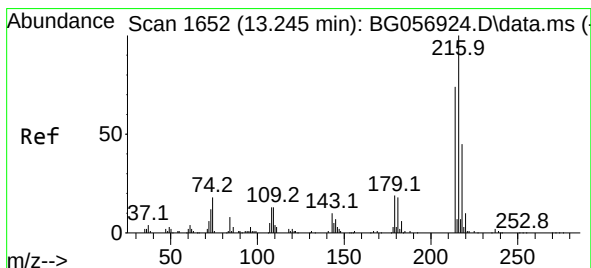
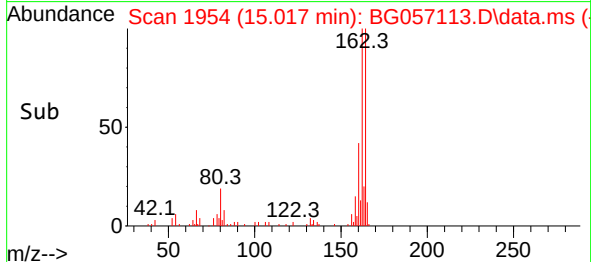
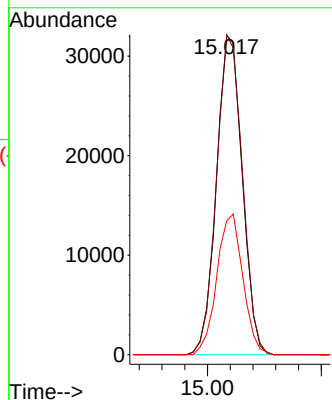
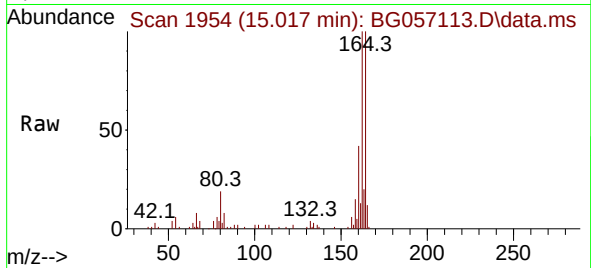




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.017 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

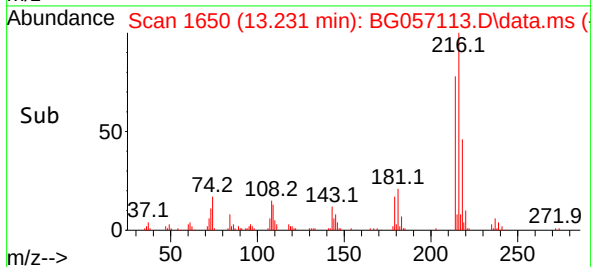
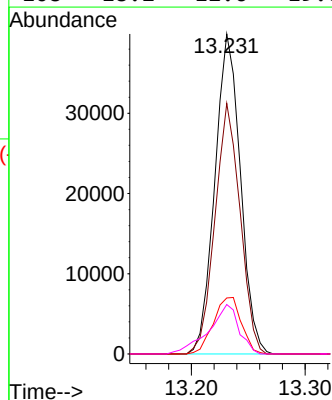
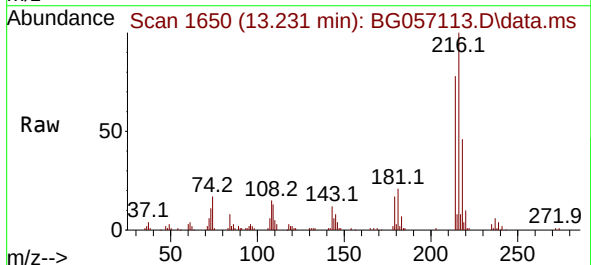
Instrument :
BNA_G
ClientSampleId :
PB152124BS

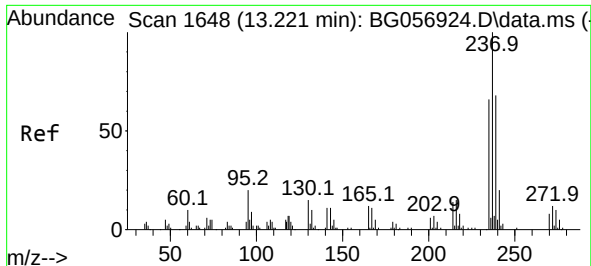
Tgt Ion:164 Resp: 50572
Ion Ratio Lower Upper
164 100
162 100.2 77.8 116.8
160 41.9 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.547 ng
RT: 13.231 min Scan# 1650
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

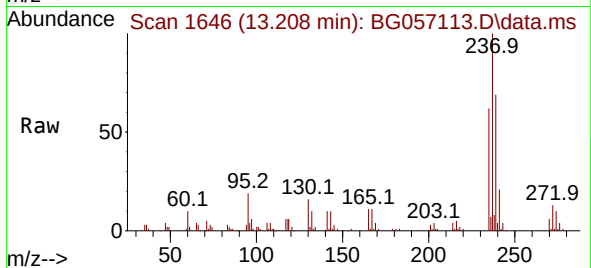
Tgt Ion:216 Resp: 62338
Ion Ratio Lower Upper
216 100
214 76.8 63.3 94.9
179 19.3 15.0 22.6
108 18.2 12.6 19.0



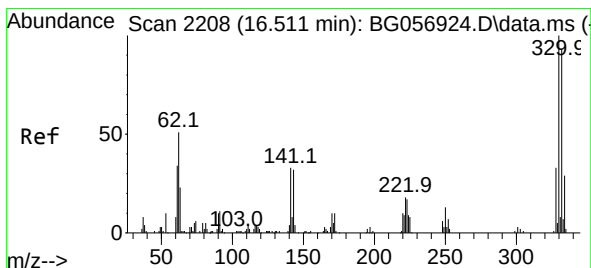
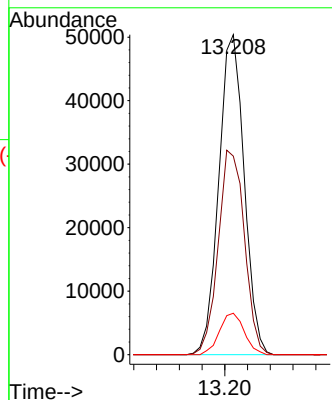
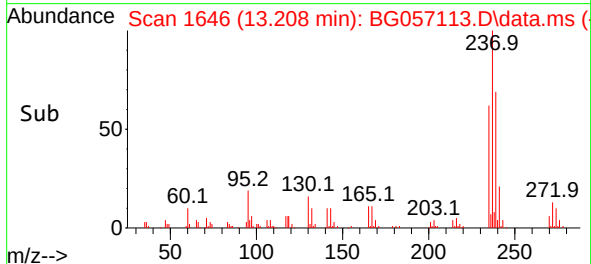


#41
Hexachlorocyclopentadiene
Concen: 80.798 ng
RT: 13.208 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

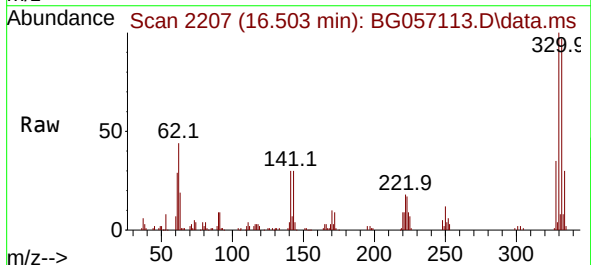
Instrument :
BNA_G
ClientSampleId :
PB152124BS



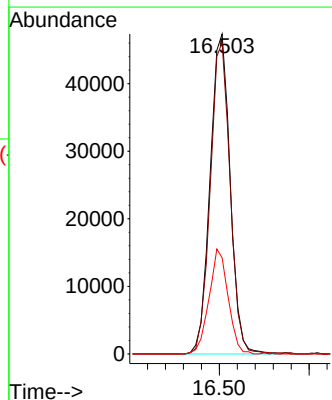
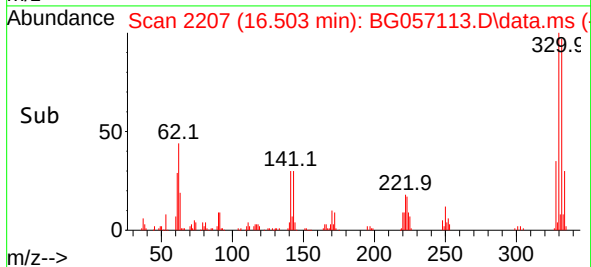
Tgt Ion:237 Resp: 78070
Ion Ratio Lower Upper
237 100
235 62.1 45.9 85.9
272 13.0 0.0 32.3

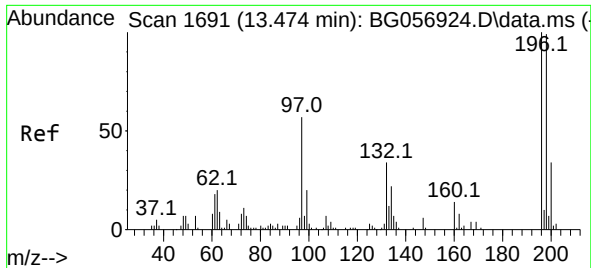


#42
2,4,6-Tribromophenol
Concen: 90.667 ng
RT: 16.503 min Scan# 2207
Delta R.T. 0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41



Tgt Ion:330 Resp: 73250
Ion Ratio Lower Upper
330 100
332 95.8 76.1 114.1
141 31.2 25.8 38.6

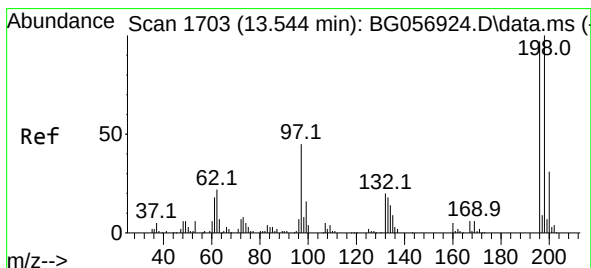
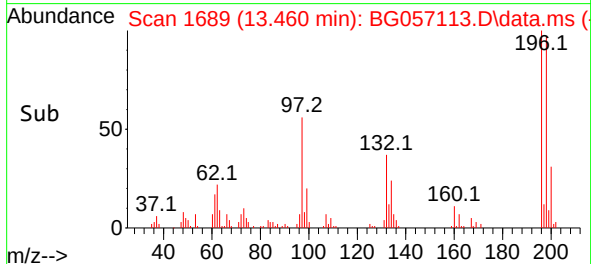
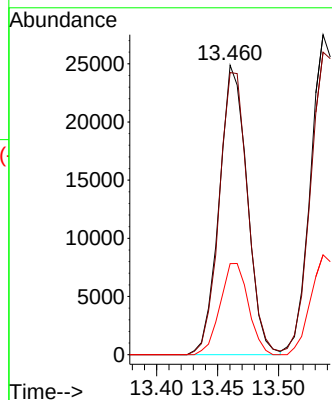
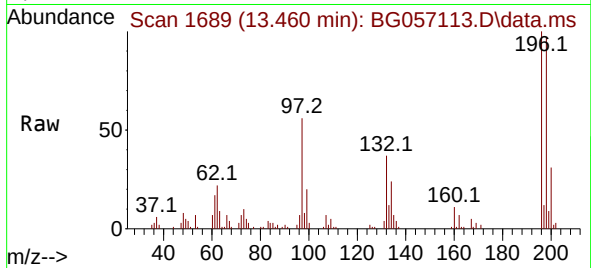




#43
2,4,6-Trichlorophenol
Concen: 35.424 ng
RT: 13.460 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

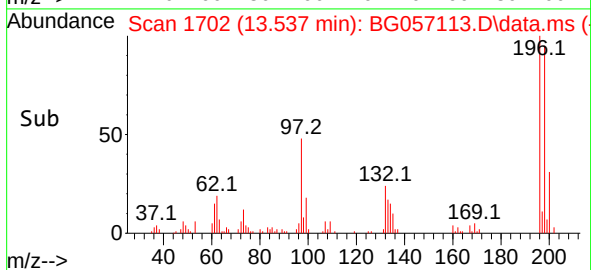
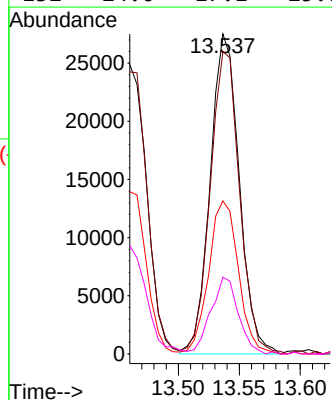
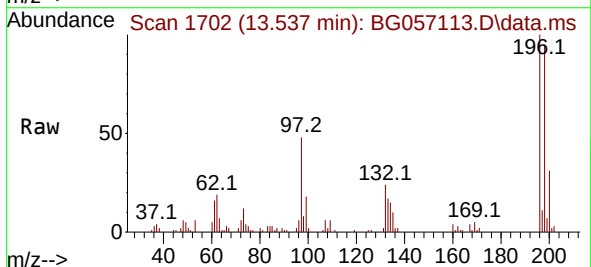
Instrument :
BNA_G
ClientSampleId :
PB152124BS

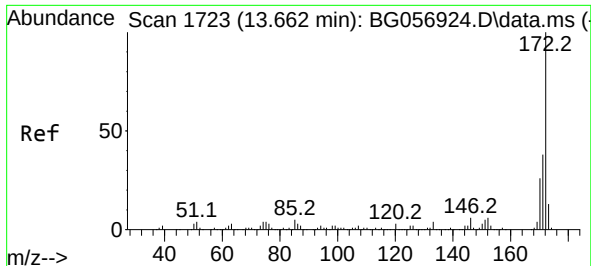
Tgt Ion:196 Resp: 39643
Ion Ratio Lower Upper
196 100
198 97.5 79.1 118.7
200 31.5 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 34.362 ng
RT: 13.537 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:196 Resp: 45555
Ion Ratio Lower Upper
196 100
198 94.6 82.5 123.7
97 47.8 37.0 55.6
132 24.0 17.1 25.7

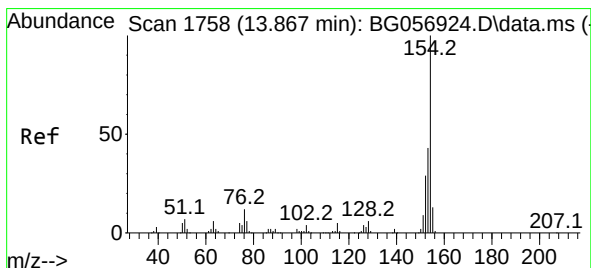
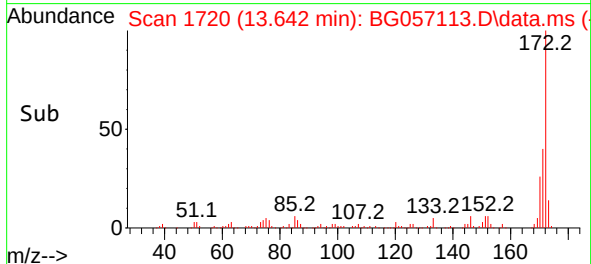
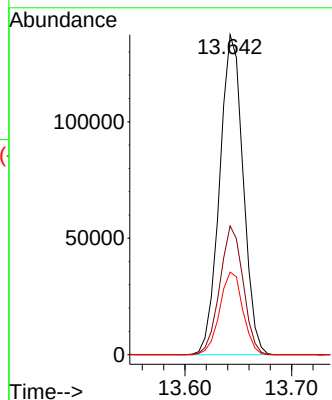
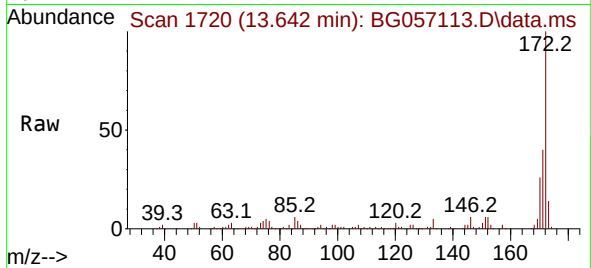




#45
2-Fluorobiphenyl
Concen: 56.368 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

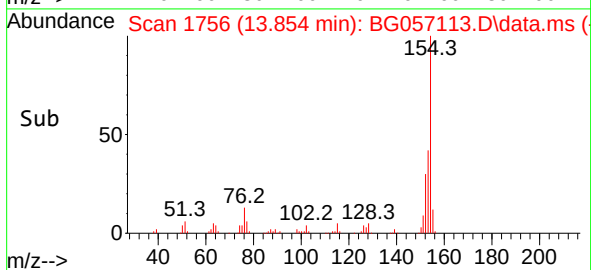
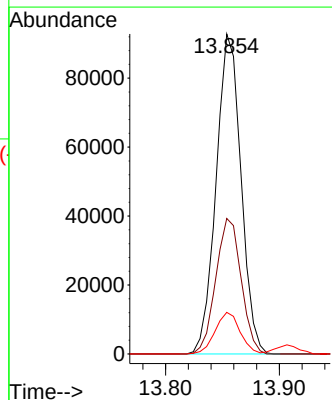
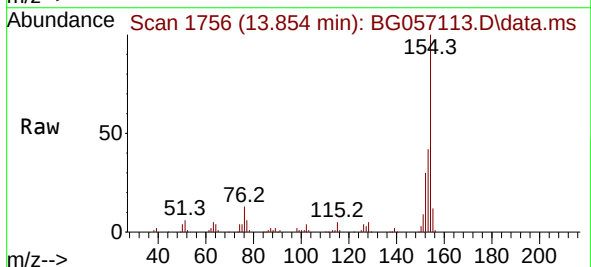
Instrument :
BNA_G
ClientSampleId :
PB152124BS

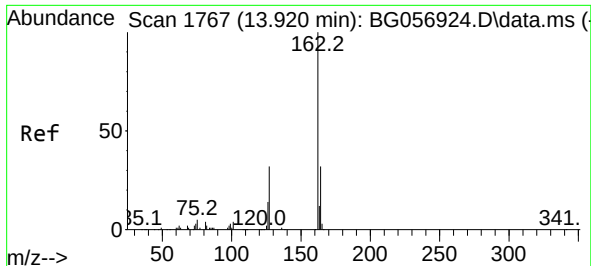
Tgt Ion:172 Resp: 210223
Ion Ratio Lower Upper
172 100
171 40.3 30.6 46.0
170 25.8 20.6 30.8



#46
1,1'-Biphenyl
Concen: 38.039 ng
RT: 13.854 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:154 Resp: 140822
Ion Ratio Lower Upper
154 100
153 42.3 23.4 63.4
76 13.0 0.0 31.6

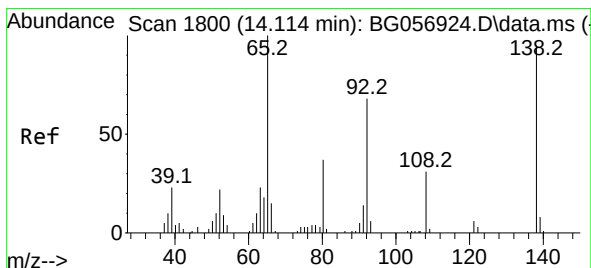
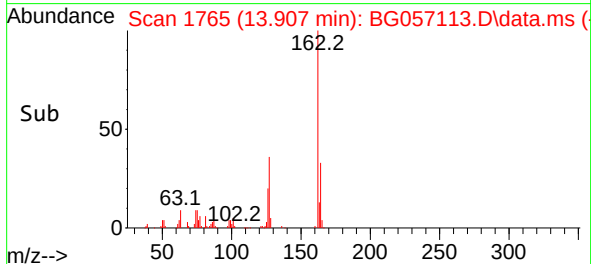
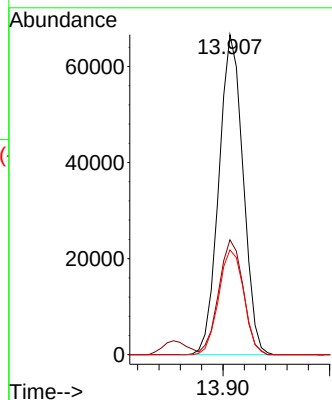
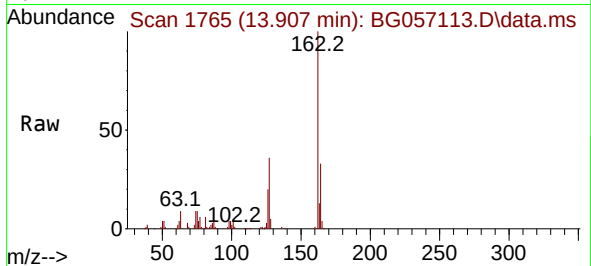




#47
2-Chloronaphthalene
Concen: 38.329 ng
RT: 13.907 min Scan# 1765
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

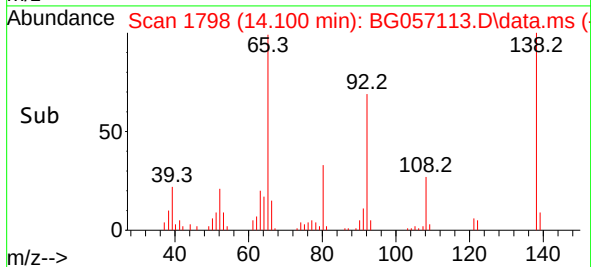
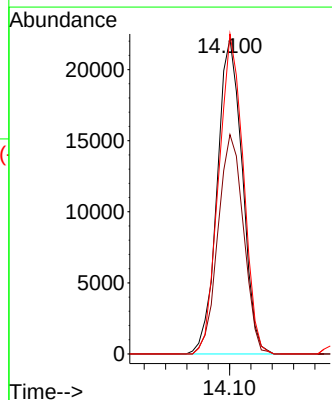
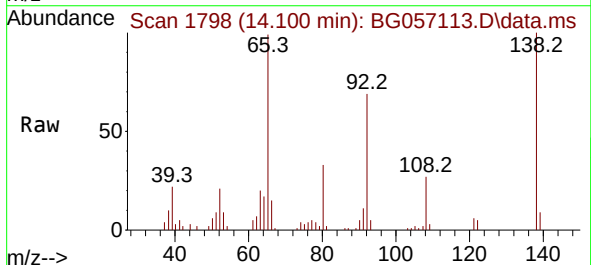
Instrument :
BNA_G
ClientSampleId :
PB152124BS

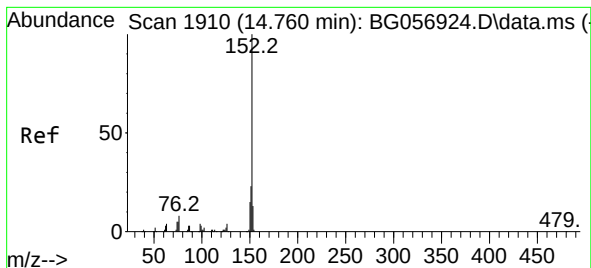
Tgt Ion:162 Resp: 104945
Ion Ratio Lower Upper
162 100
127 35.9 29.5 44.3
164 32.7 25.5 38.3



#48
2-Nitroaniline
Concen: 36.946 ng
RT: 14.100 min Scan# 1798
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion: 65 Resp: 36171
Ion Ratio Lower Upper
65 100
92 69.5 54.3 81.5
138 101.4 76.0 114.0





#49

Acenaphthylene

Concen: 37.055 ng

RT: 14.747 min Scan# 1910

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

Instrument :

BNA_G

ClientSampleId :

PB152124BS

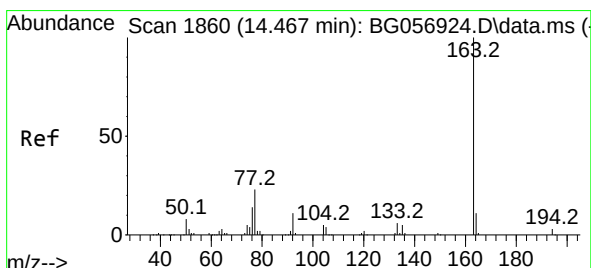
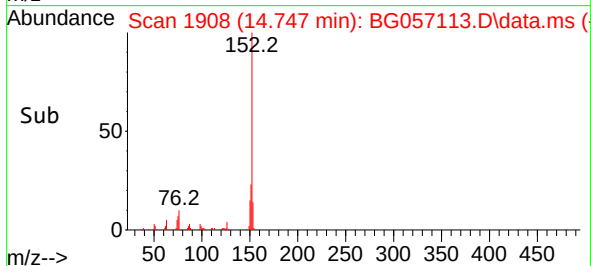
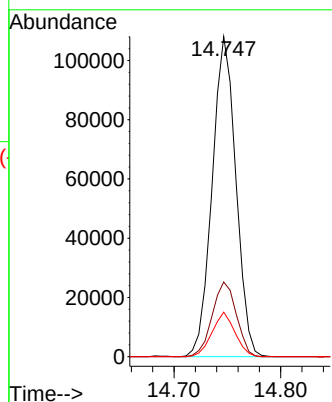
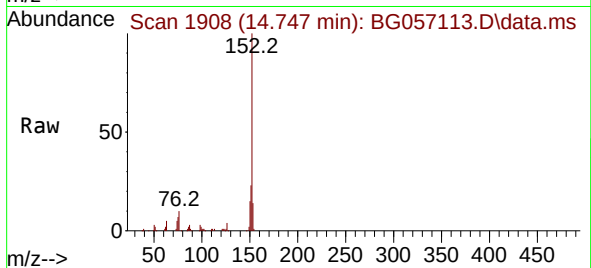
Tgt Ion:152 Resp: 166696

Ion Ratio Lower Upper

152 100

151 23.4 18.2 27.2

153 13.9 10.5 15.7



#50

Dimethylphthalate

Concen: 36.168 ng

RT: 14.453 min Scan# 1858

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

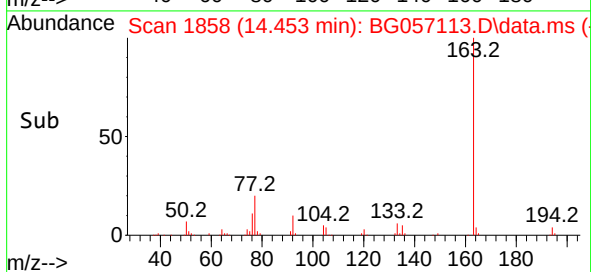
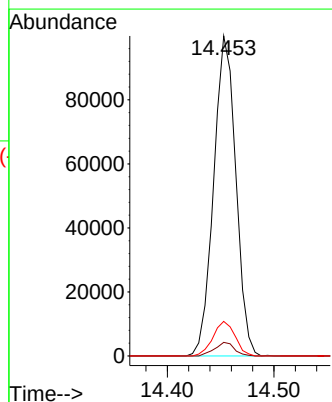
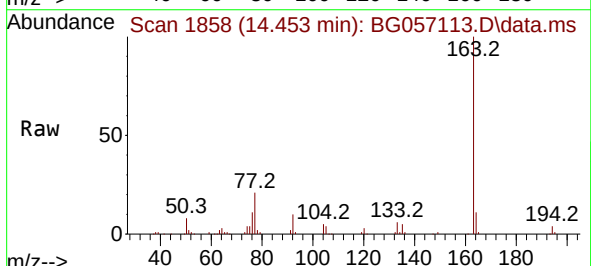
Tgt Ion:163 Resp: 144121

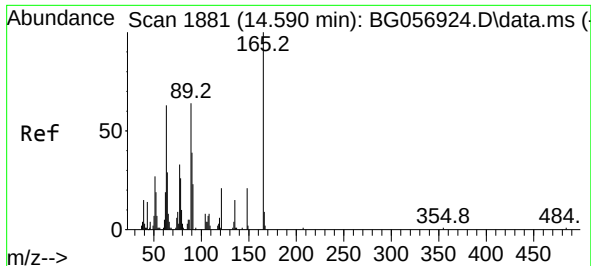
Ion Ratio Lower Upper

163 100

194 4.3 2.8 4.2#

164 10.8 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 36.890 ng

RT: 14.582 min Scan# 1881

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

Instrument :

BNA_G

ClientSampleId :

PB152124BS

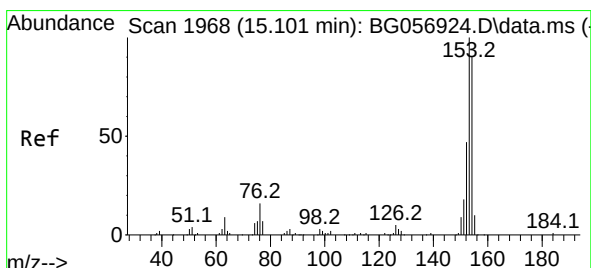
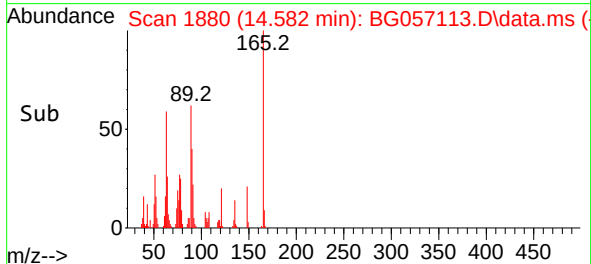
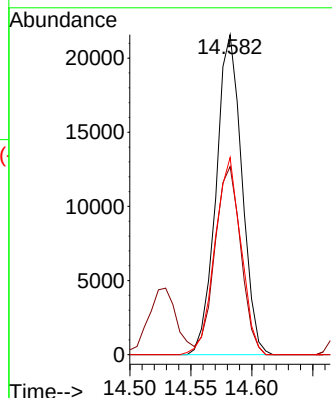
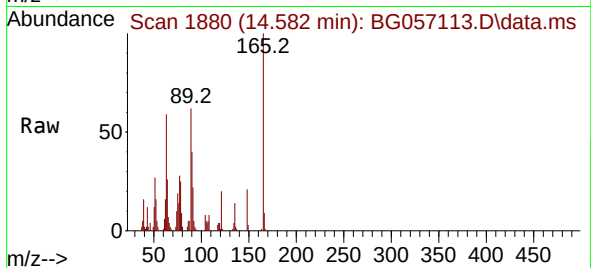
Tgt Ion:165 Resp: 31760

Ion Ratio Lower Upper

165 100

63 58.8 53.0 79.6

89 61.6 51.0 76.4



#52

Acenaphthene

Concen: 33.907 ng

RT: 15.081 min Scan# 1965

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

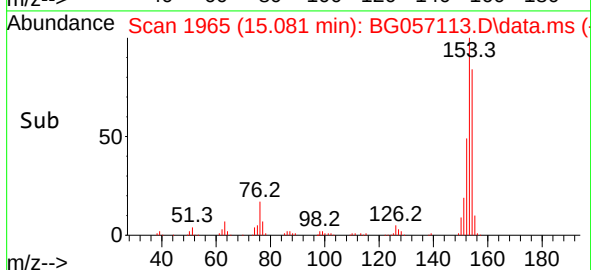
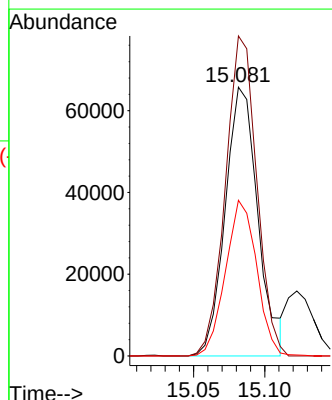
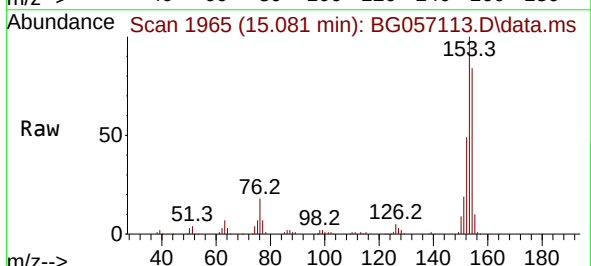
Tgt Ion:154 Resp: 105200

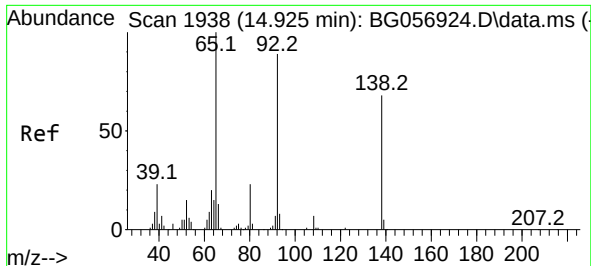
Ion Ratio Lower Upper

154 100

153 119.1 88.9 133.3

152 57.9 41.8 62.8

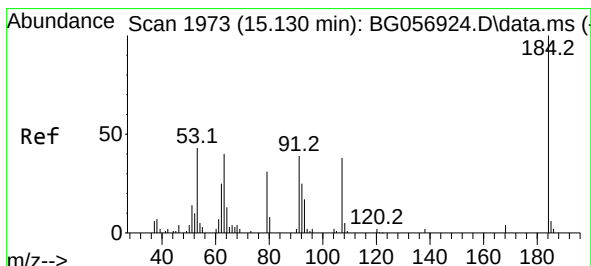
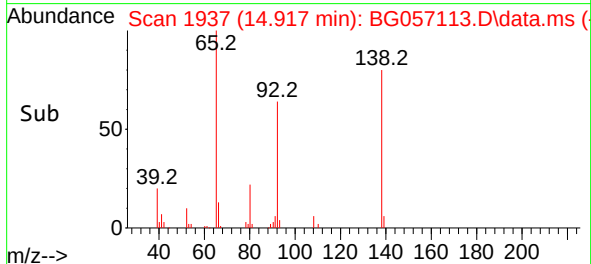
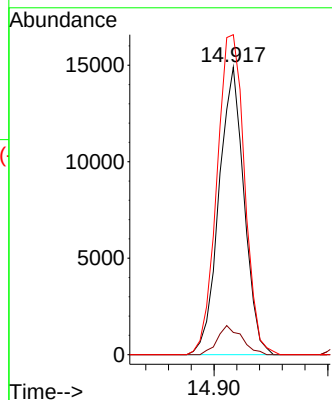
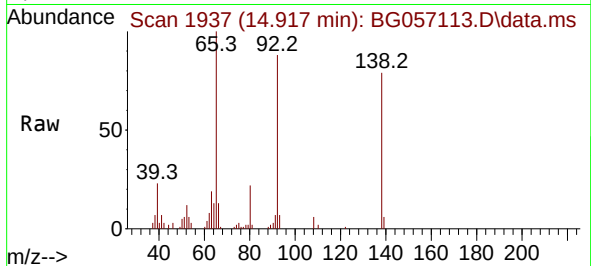




#53
3-Nitroaniline
Concen: 26.891 ng
RT: 14.917 min Scan# 1937
Delta R.T. 0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

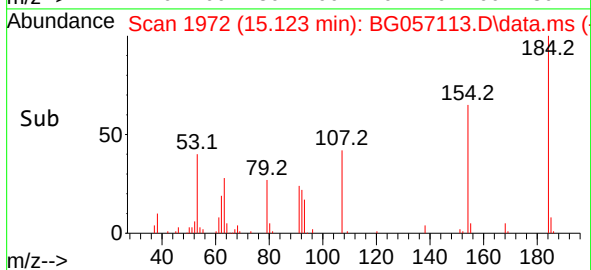
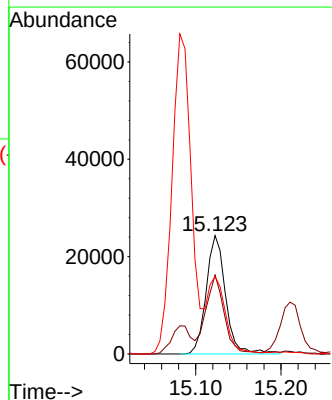
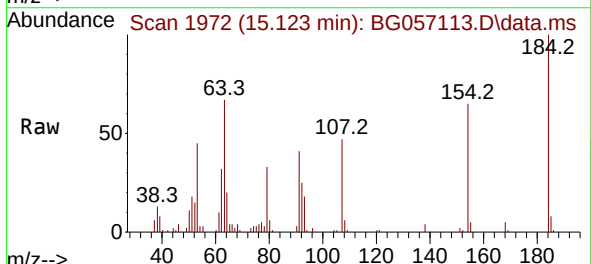
Instrument :
BNA_G
ClientSampleId :
PB152124BS

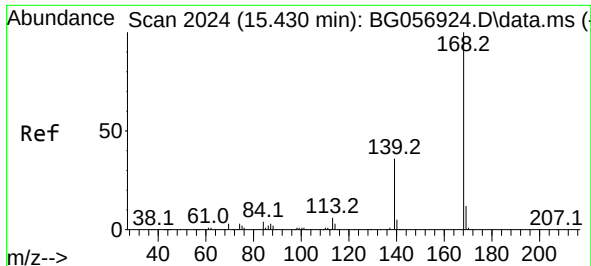
Tgt Ion:138 Resp: 22916
Ion Ratio Lower Upper
138 100
108 7.7 8.2 12.2#
92 111.3 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 79.461 ng
RT: 15.123 min Scan# 1972
Delta R.T. 0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:184 Resp: 38506
Ion Ratio Lower Upper
184 100
63 66.7 46.5 69.7
154 65.3 53.5 80.3

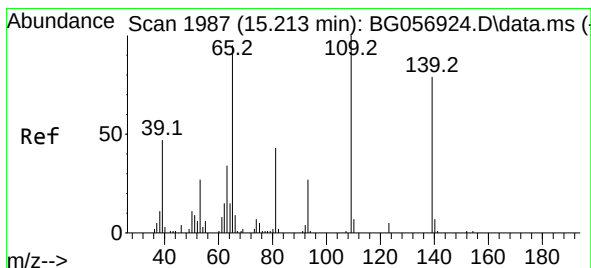
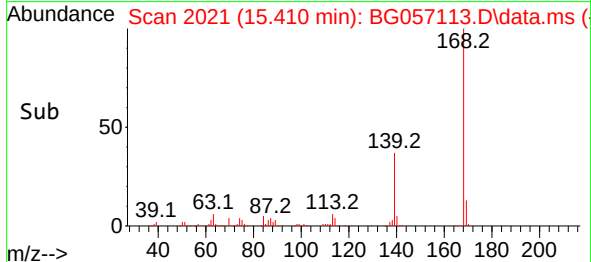
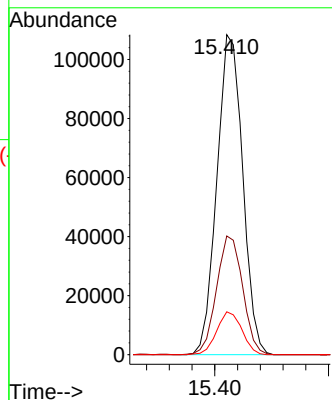
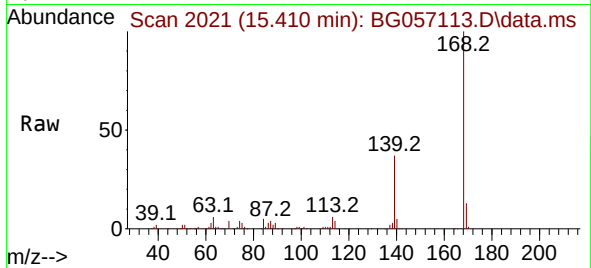




#55
Dibenzofuran
Concen: 36.664 ng
RT: 15.410 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

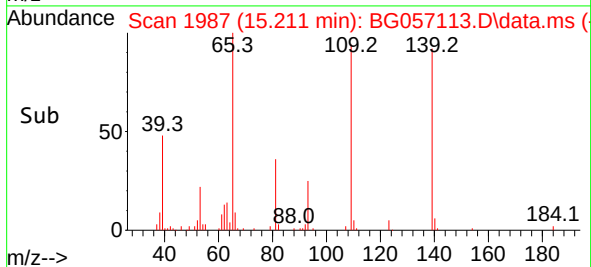
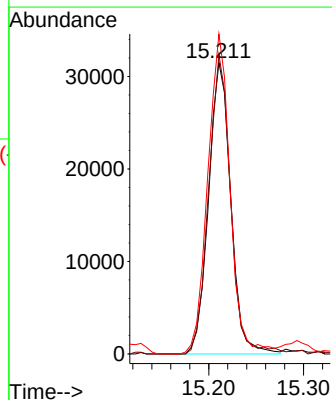
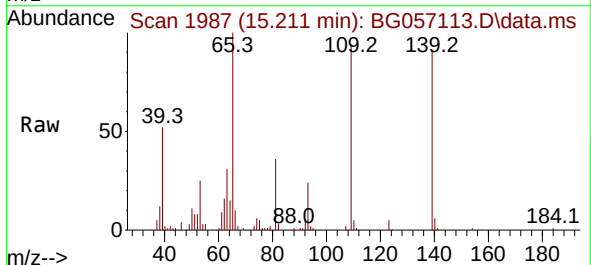
Instrument :
BNA_G
ClientSampleId :
PB152124BS

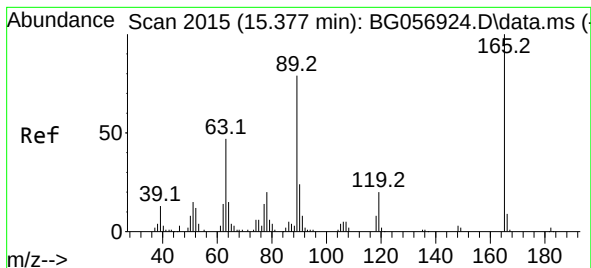
Tgt Ion:168 Resp: 170732
Ion Ratio Lower Upper
168 100
139 37.1 28.9 43.3
169 13.4 9.8 14.6



#56
4-Nitrophenol
Concen: 81.296 ng
RT: 15.211 min Scan# 1987
Delta R.T. 0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:139 Resp: 51229
Ion Ratio Lower Upper
139 100
109 102.7 106.7 146.7#
65 109.8 100.5 140.5

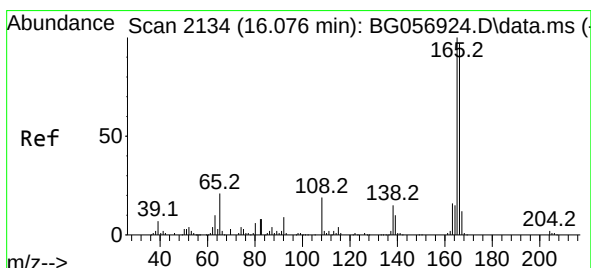
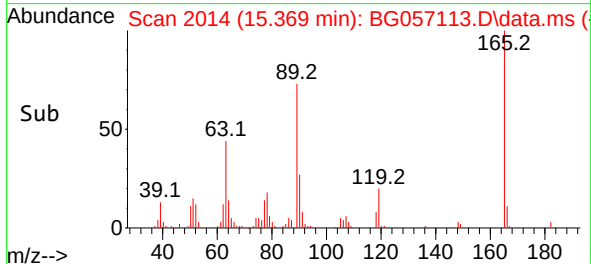
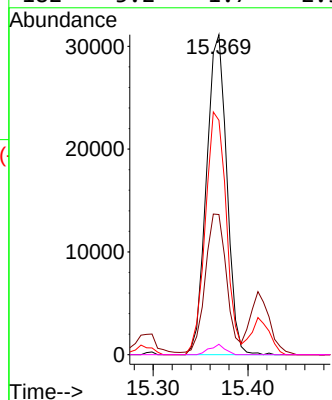
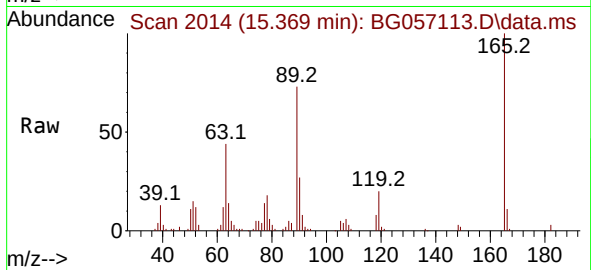




#57
2,4-Dinitrotoluene
Concen: 38.190 ng
RT: 15.369 min Scan# 2014
Delta R.T. 0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

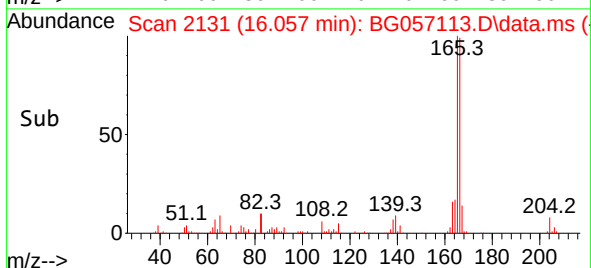
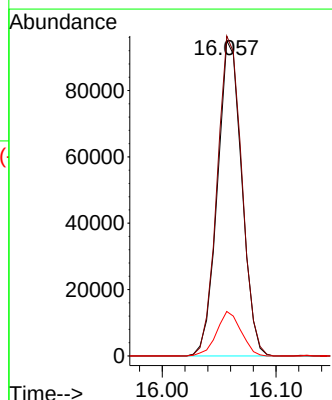
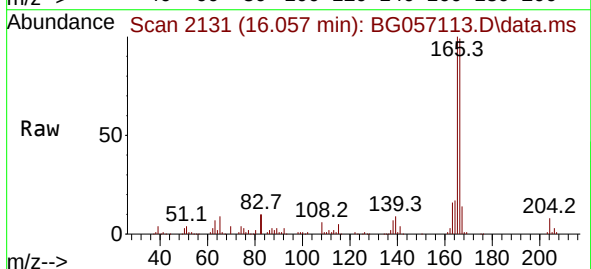
Instrument :
BNA_G
ClientSampleId :
PB152124BS

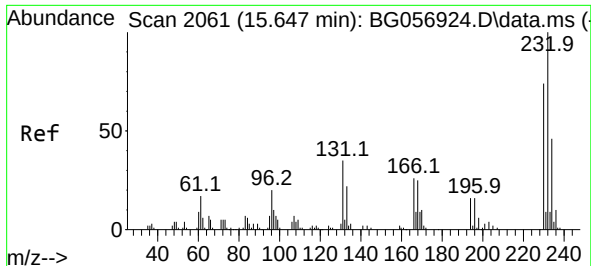
Tgt Ion:165 Resp: 46372
Ion Ratio Lower Upper
165 100
63 43.8 37.7 56.5
89 73.2 63.2 94.8
182 3.2 1.7 2.5#



#58
Fluorene
Concen: 36.655 ng
RT: 16.057 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:166 Resp: 141241
Ion Ratio Lower Upper
166 100
165 101.5 82.6 123.8
167 14.1 10.2 15.2

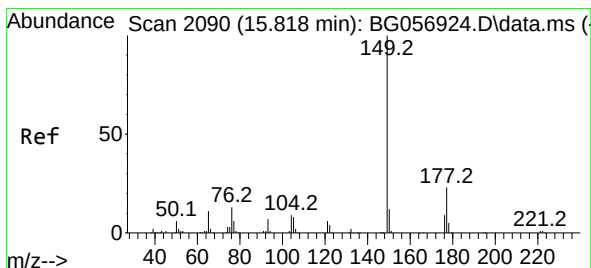
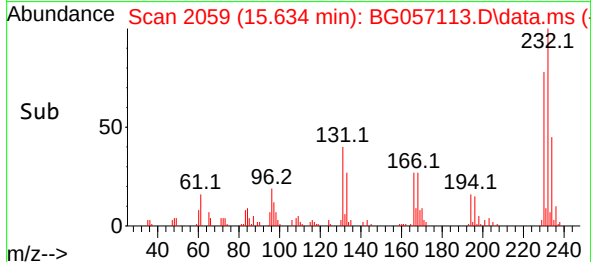
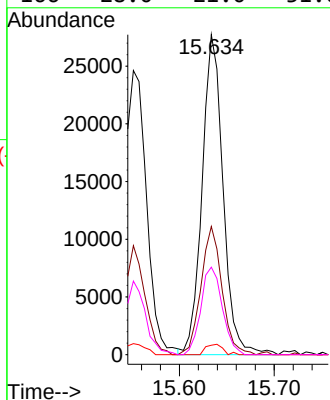
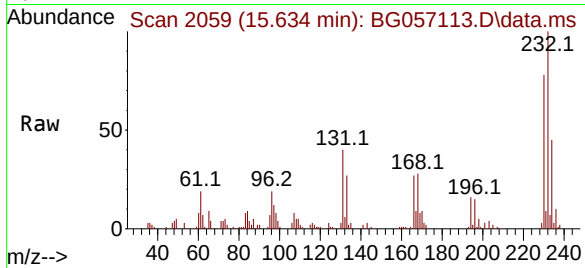




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.296 ng
RT: 15.634 min Scan# 2061
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

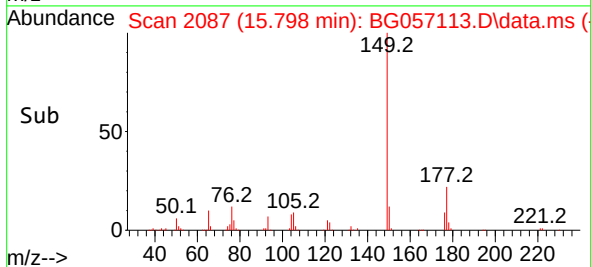
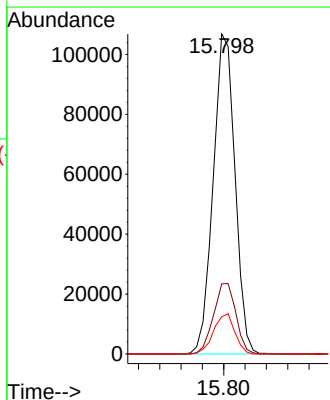
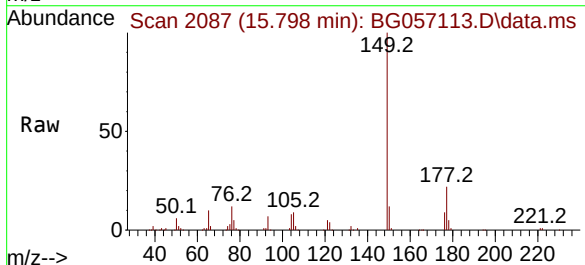
Instrument :
BNA_G
ClientSampleId :
PB152124BS

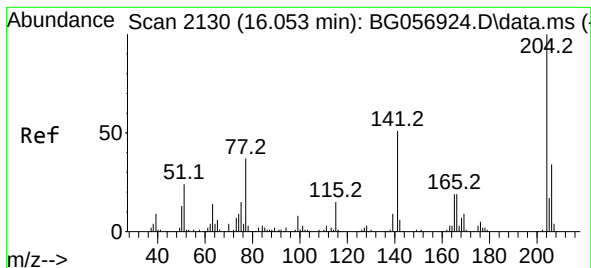
Tgt Ion:232 Resp: 42606
Ion Ratio Lower Upper
232 100
131 40.0 29.3 43.9
130 2.6 1.7 2.5#
166 28.0 21.0 31.6



#60
Diethylphthalate
Concen: 37.875 ng
RT: 15.798 min Scan# 2087
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:149 Resp: 151297
Ion Ratio Lower Upper
149 100
177 21.9 18.8 28.2
150 11.6 9.4 14.2

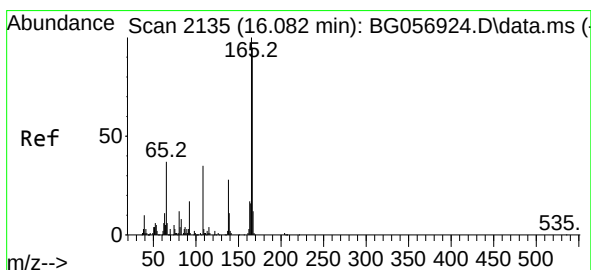
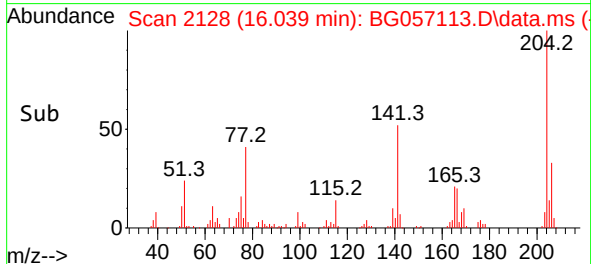
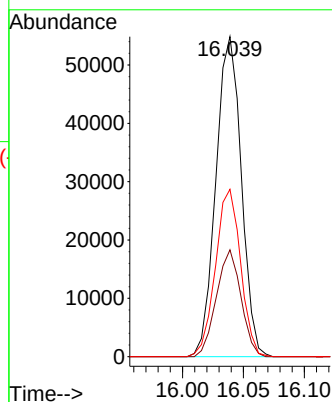
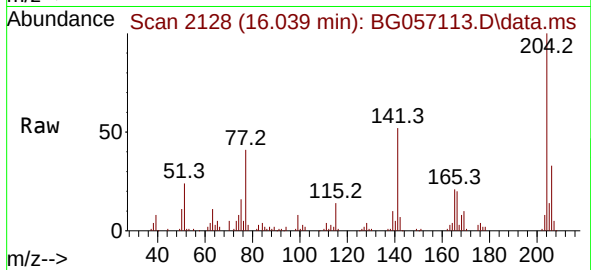




#61
4-Chlorophenyl-phenylether
Concen: 35.165 ng
RT: 16.039 min Scan# 2130
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

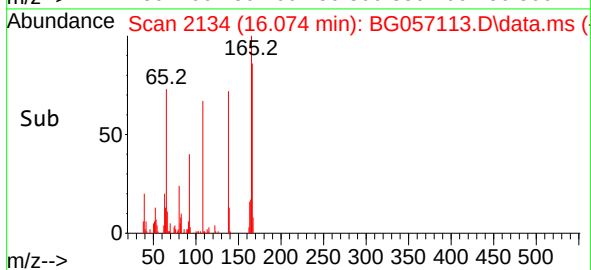
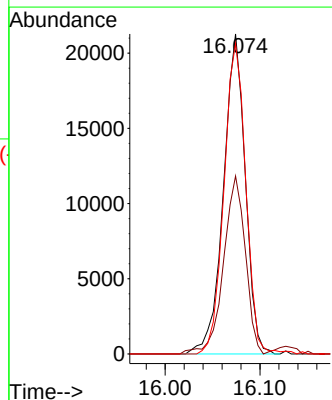
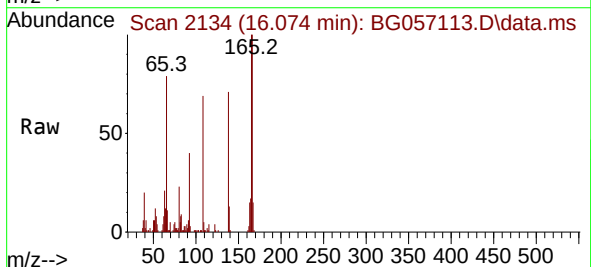
Instrument :
BNA_G
ClientSampleId :
PB152124BS

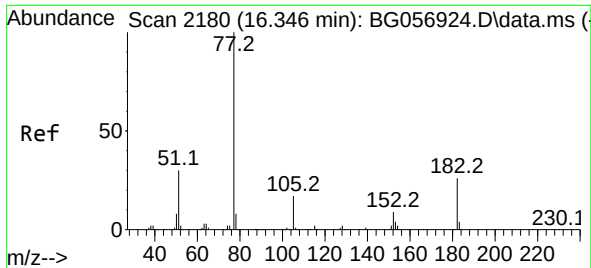
Tgt Ion:204 Resp: 79557
Ion Ratio Lower Upper
204 100
206 33.4 27.2 40.8
141 52.3 40.7 61.1



#62
4-Nitroaniline
Concen: 38.570 ng
RT: 16.074 min Scan# 2134
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:138 Resp: 34054
Ion Ratio Lower Upper
138 100
92 55.6 40.9 80.9
108 97.0 104.3 144.3#



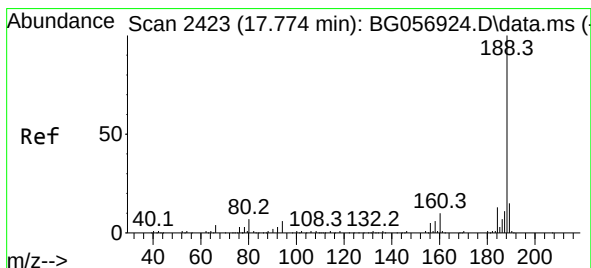
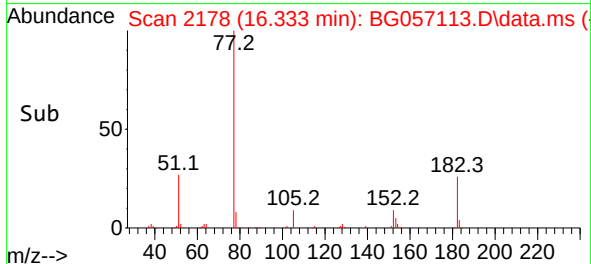
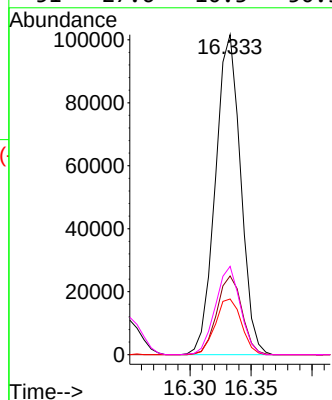
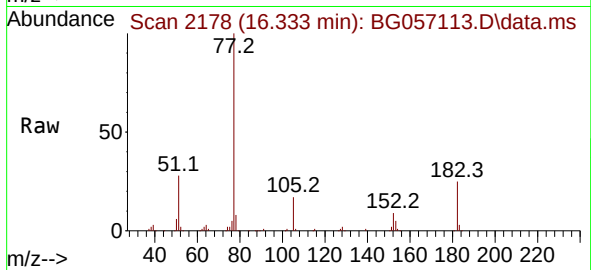


#63
Azobenzene
Concen: 36.755 ng
RT: 16.333 min Scan# 2180
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Instrument :
BNA_G
ClientSampleId :
PB152124BS

Tgt Ion: 77 Resp: 146322

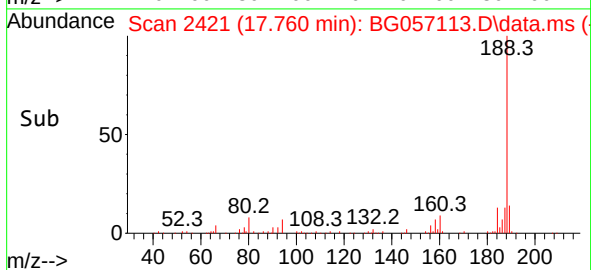
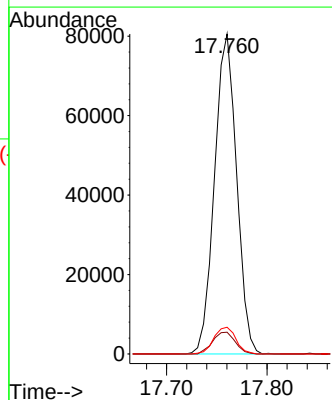
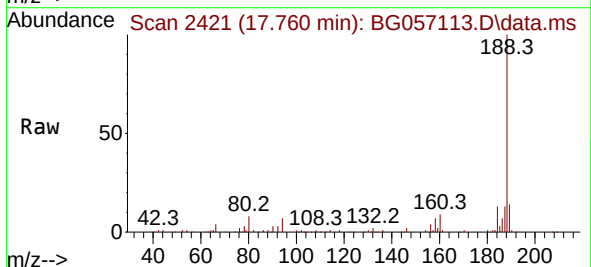
Ion	Ratio	Lower	Upper
77	100		
182	24.6	5.9	45.9
105	17.4	0.0	36.8
51	27.6	10.3	50.3

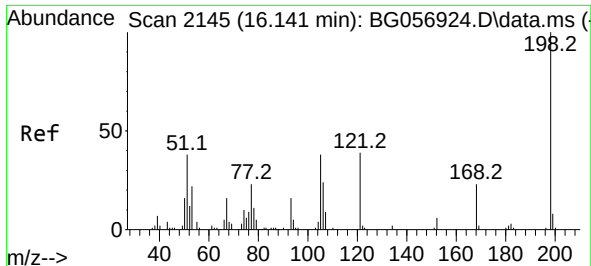


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.760 min Scan# 2421
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion: 188 Resp: 123057

Ion	Ratio	Lower	Upper
188	100		
94	6.8	4.6	6.8
80	8.4	5.5	8.3

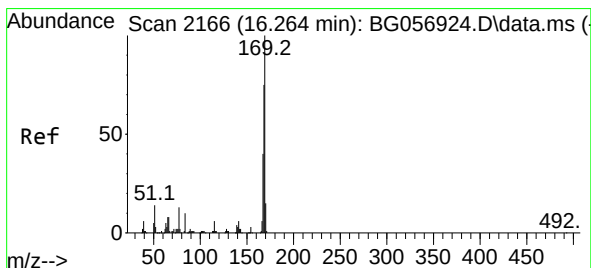
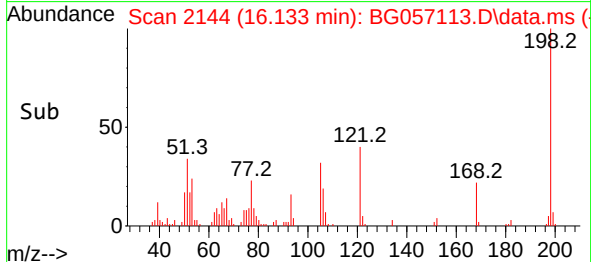
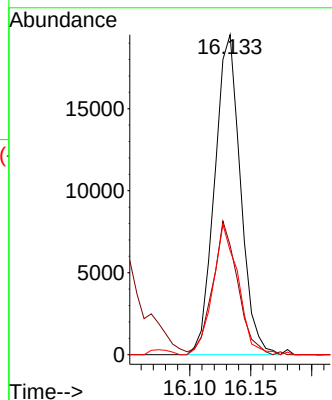
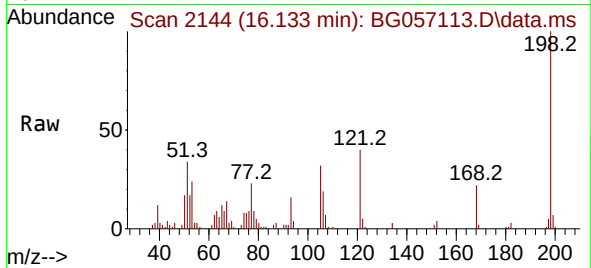




#65
4,6-Dinitro-2-methylphenol
Concen: 38.491 ng
RT: 16.133 min Scan# 2144
Delta R.T. 0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

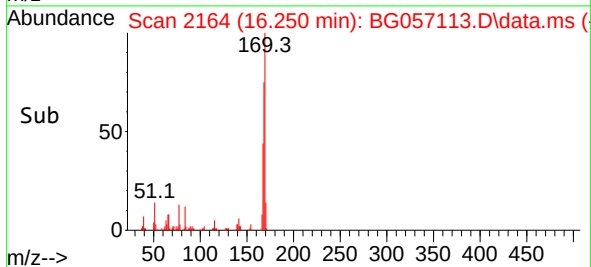
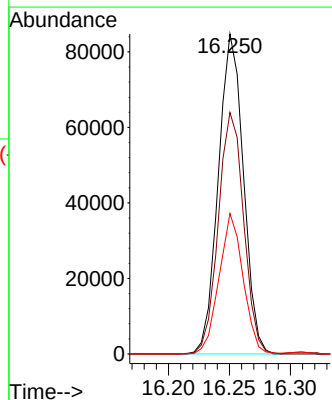
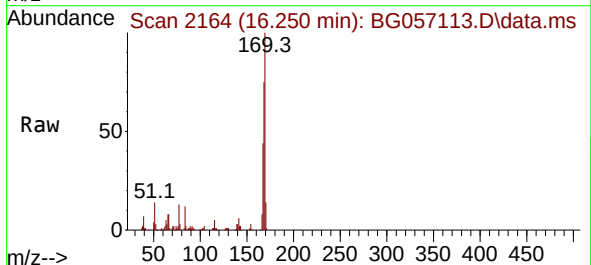
Instrument :
BNA_G
ClientSampleId :
PB152124BS

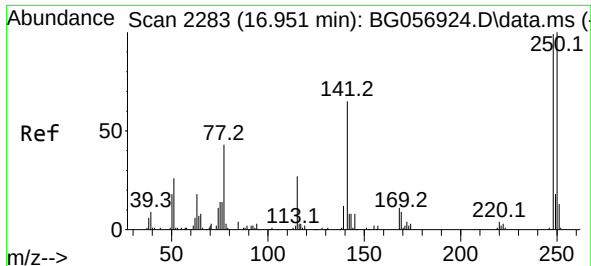
Tgt Ion:198 Resp: 28687
Ion Ratio Lower Upper
198 100
51 34.1 20.5 60.5
105 32.5 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 36.751 ng
RT: 16.250 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:169 Resp: 121403
Ion Ratio Lower Upper
169 100
168 75.5 59.6 89.4
167 43.9 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 34.864 ng
RT: 16.932 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

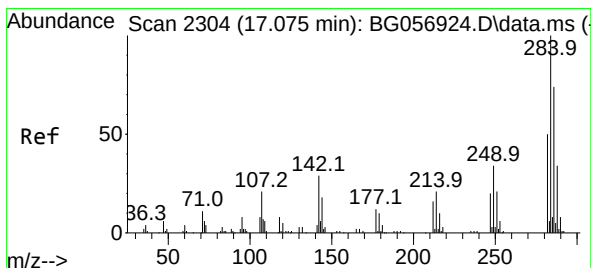
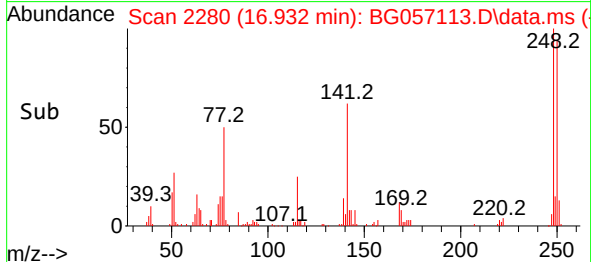
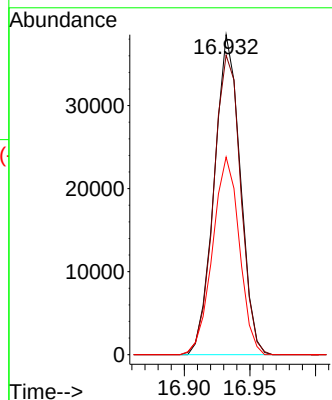
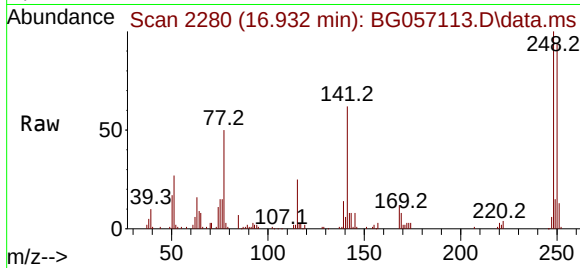
Instrument :

BNA_G

ClientSampleId :

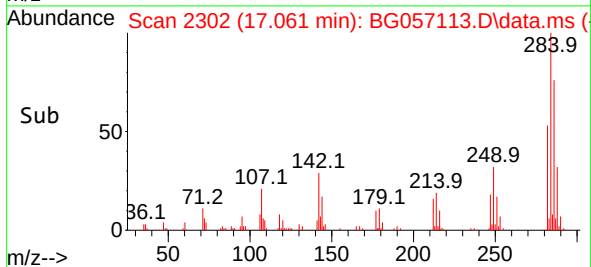
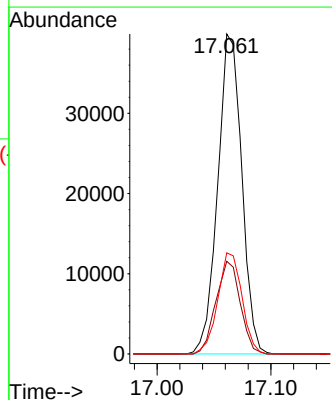
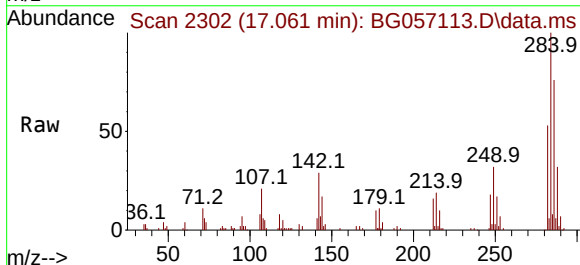
PB152124BS

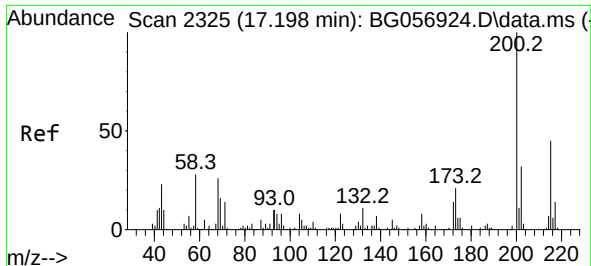
Tgt Ion:248 Resp: 53084
Ion Ratio Lower Upper
248 100
250 93.6 80.5 120.7
141 61.7 52.0 78.0



#68
Hexachlorobenzene
Concen: 38.910 ng
RT: 17.061 min Scan# 2302
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:284 Resp: 58573
Ion Ratio Lower Upper
284 100
142 29.0 23.0 34.4
249 31.6 27.1 40.7

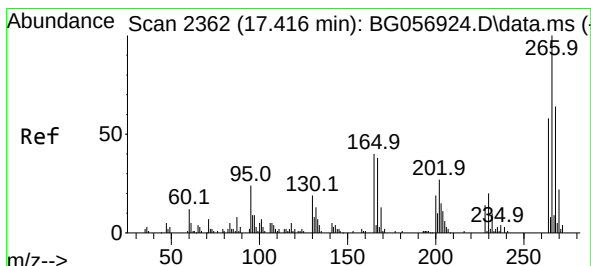
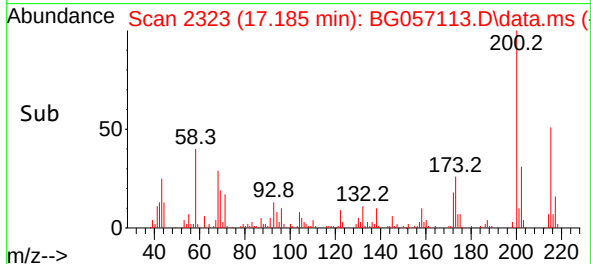
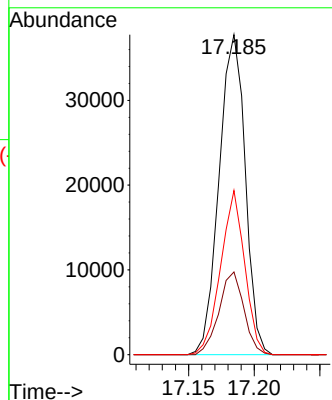
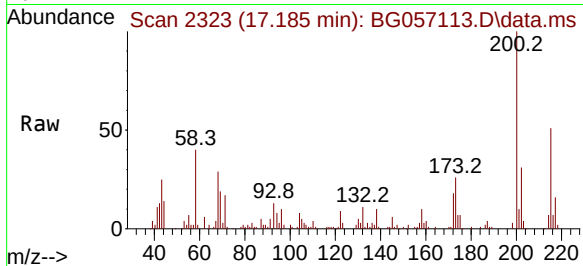




#69
 Atrazine
 Concen: 38.045 ng
 RT: 17.185 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057113.D
 Acq: 17 Apr 2023 15:41

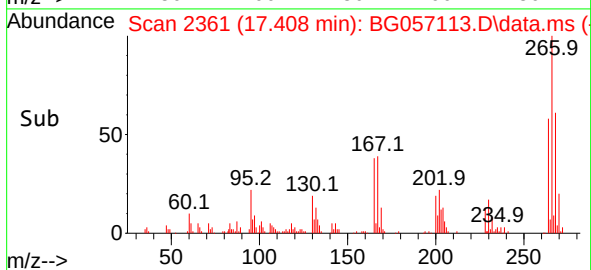
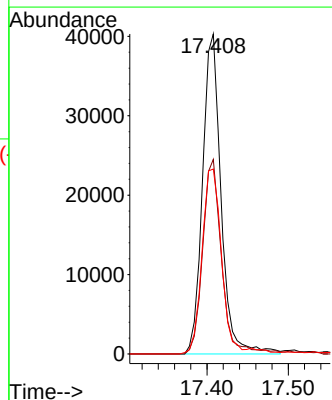
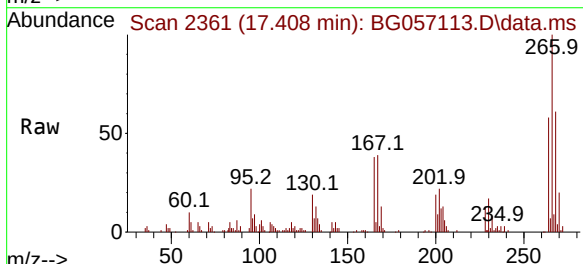
Instrument :
 BNA_G
 ClientSampleId :
 PB152124BS

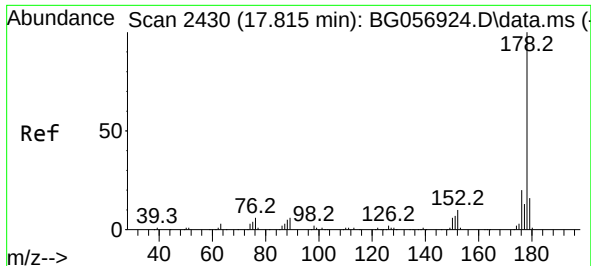
Tgt Ion:200 Resp: 52169
 Ion Ratio Lower Upper
 200 100
 173 25.9 1.0 41.0
 215 51.3 25.0 65.0



#70
 Pentachlorophenol
 Concen: 59.280 ng
 RT: 17.408 min Scan# 2361
 Delta R.T. 0.003 min
 Lab File: BG057113.D
 Acq: 17 Apr 2023 15:41

Tgt Ion:266 Resp: 64019
 Ion Ratio Lower Upper
 266 100
 268 60.8 51.0 76.6
 264 57.8 46.8 70.2

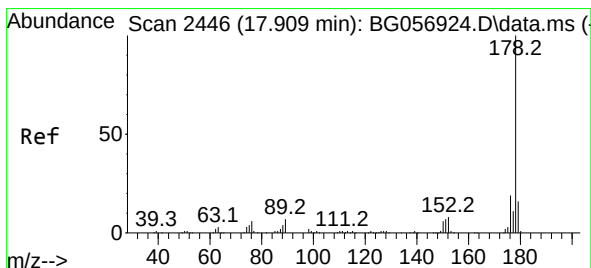
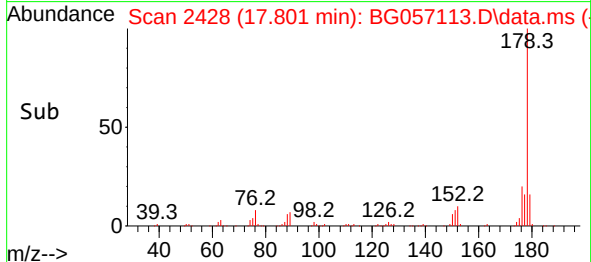
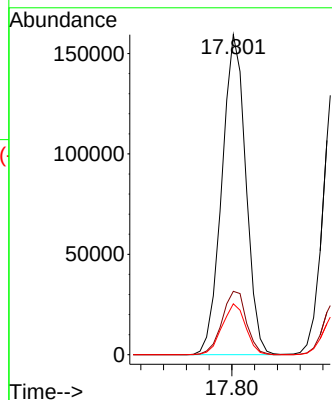
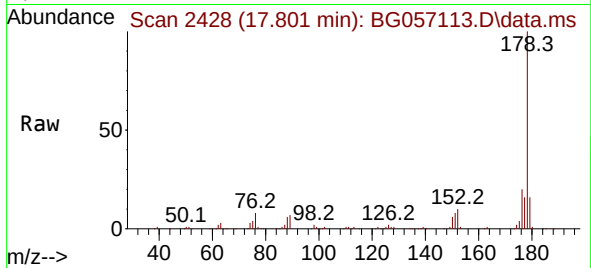




#71
Phenanthrene
Concen: 37.100 ng
RT: 17.801 min Scan# 2428
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

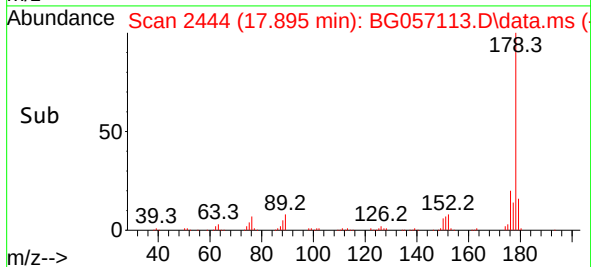
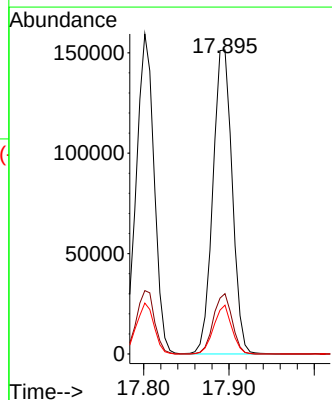
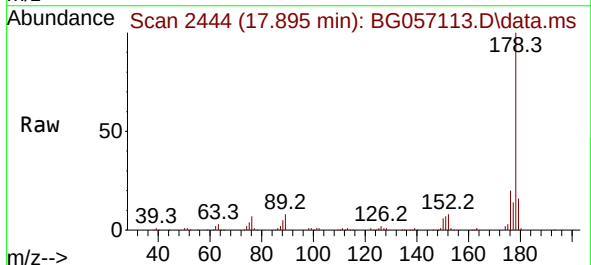
Instrument :
BNA_G
ClientSampleId :
PB152124BS

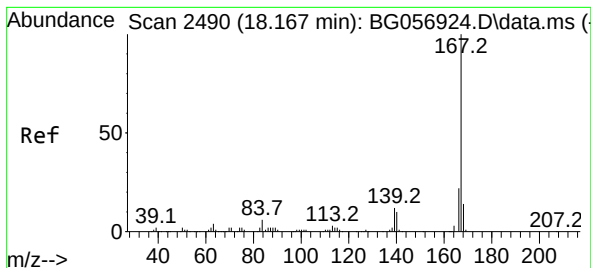
Tgt Ion:178 Resp: 232764
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.9 12.5 18.7



#72
Anthracene
Concen: 37.051 ng
RT: 17.895 min Scan# 2444
Delta R.T. 0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:178 Resp: 238304
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 16.0 12.4 18.6





#73

Carbazole

Concen: 37.364 ng

RT: 18.154 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

Instrument :

BNA_G

ClientSampleId :

PB152124BS

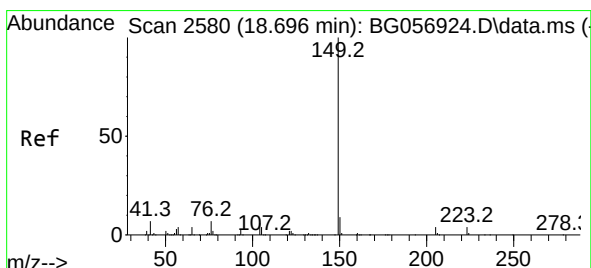
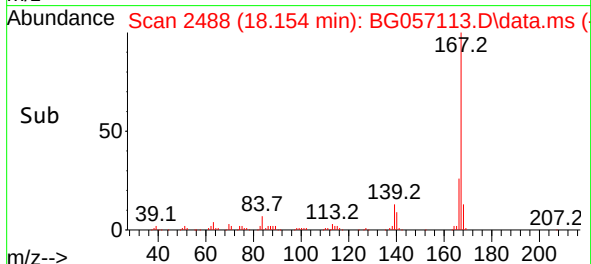
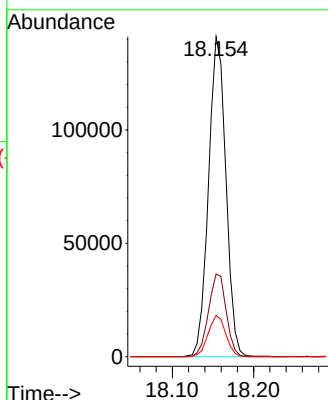
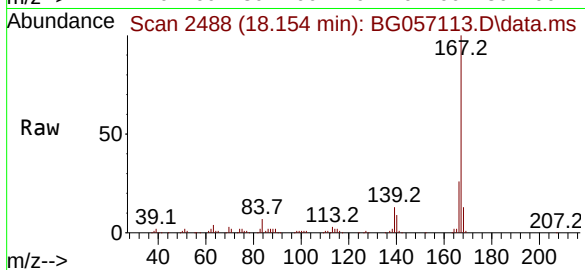
Tgt Ion:167 Resp: 209524

Ion Ratio Lower Upper

167 100

166 25.9 17.9 26.9

139 12.9 9.5 14.3



#74

Di-n-butylphthalate

Concen: 39.040 ng

RT: 18.677 min Scan# 2577

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

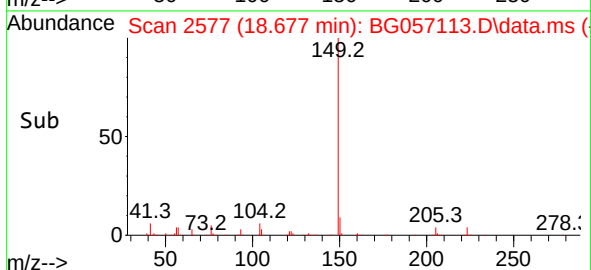
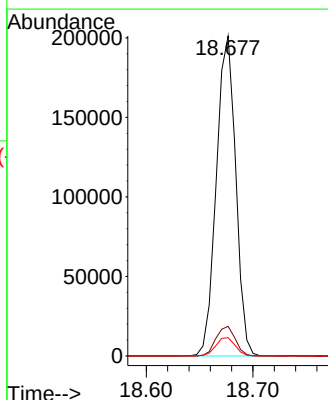
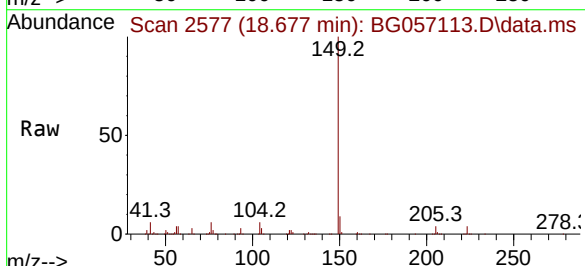
Tgt Ion:149 Resp: 253509

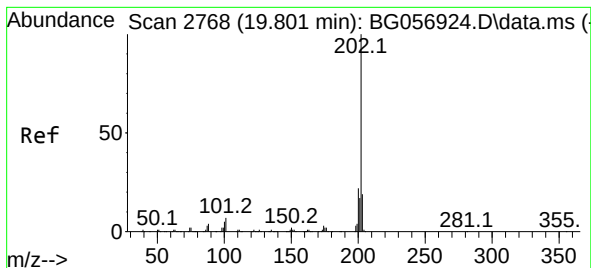
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.7 4.9 7.3





#75

Fluoranthene

Concen: 34.580 ng

RT: 19.787 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

Instrument :

BNA_G

ClientSampleId :

PB152124BS

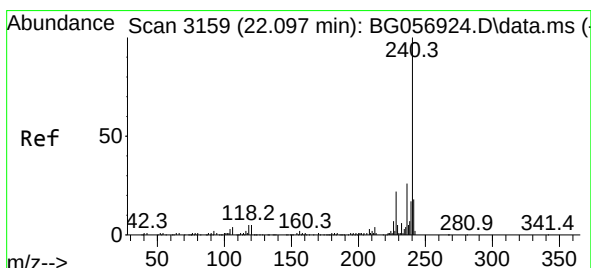
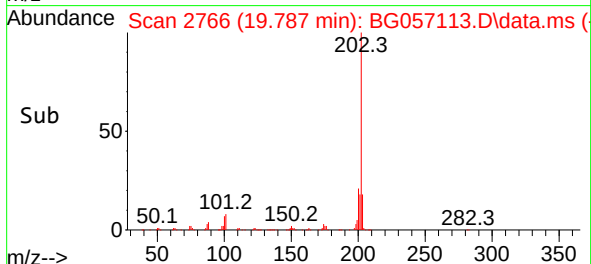
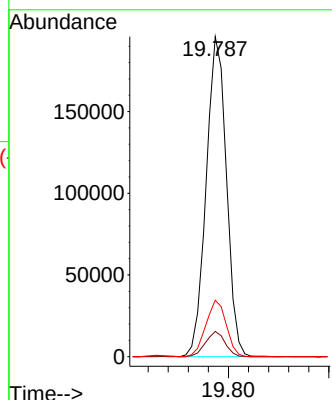
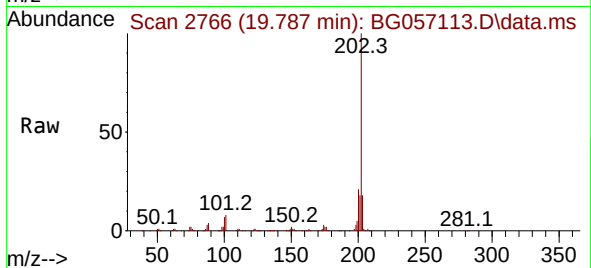
Tgt Ion:202 Resp: 275026

Ion Ratio Lower Upper

202 100

101 7.9 0.0 26.7

203 17.6 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.078 min Scan# 3156

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

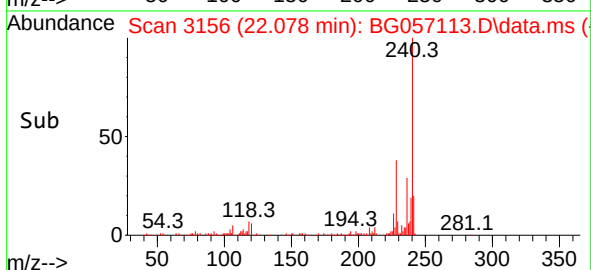
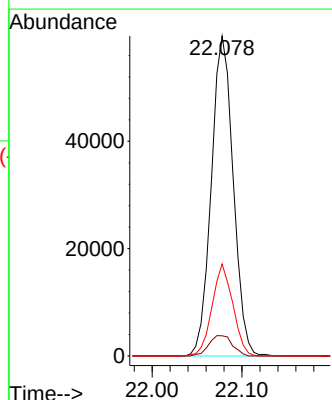
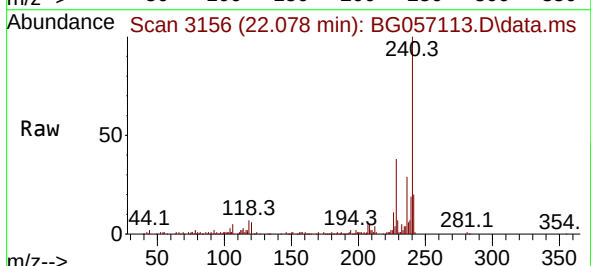
Tgt Ion:240 Resp: 100993

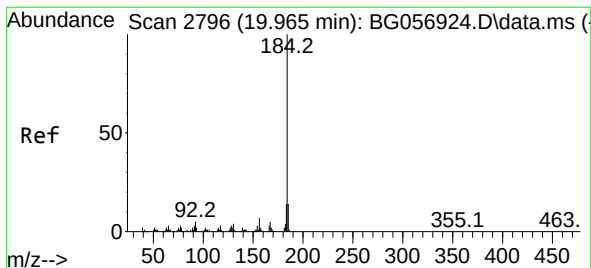
Ion Ratio Lower Upper

240 100

120 6.3 3.8 5.6#

236 28.8 21.0 31.6





#77

Benzidine

Concen: 45.381 ng

RT: 19.951 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

Instrument :

BNA_G

ClientSampleId :

PB152124BS

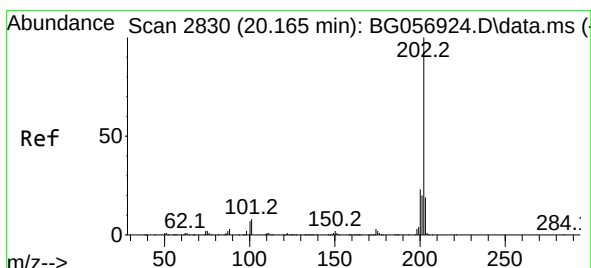
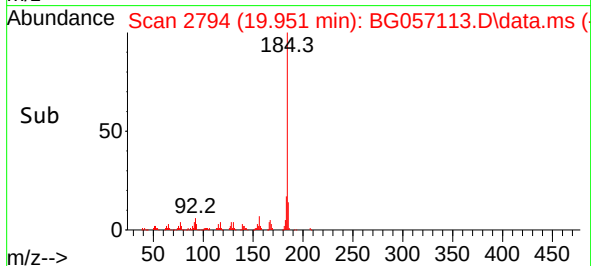
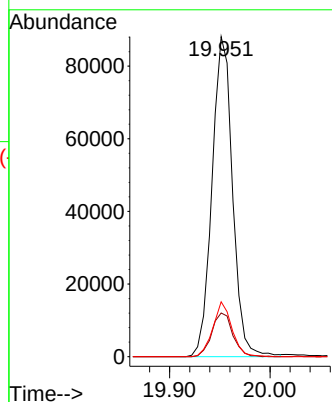
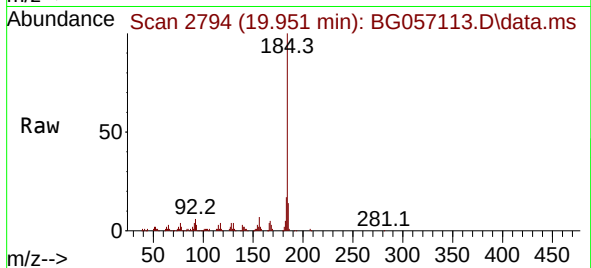
Tgt Ion:184 Resp: 125273

Ion Ratio Lower Upper

184 100

185 13.7 11.0 16.4

183 17.1 11.4 17.0#



#78

Pyrene

Concen: 38.946 ng

RT: 20.151 min Scan# 2828

Delta R.T. 0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

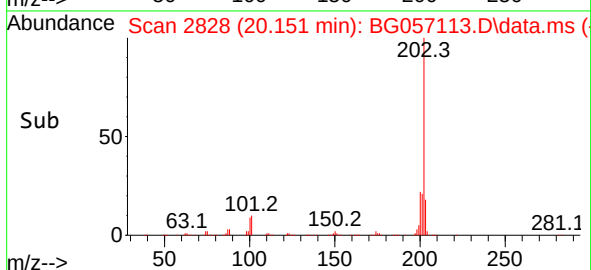
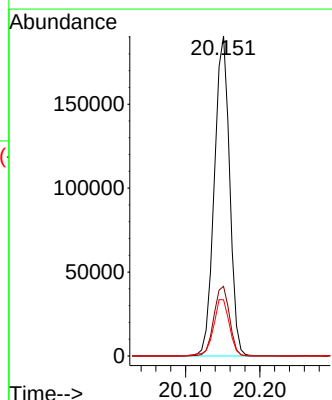
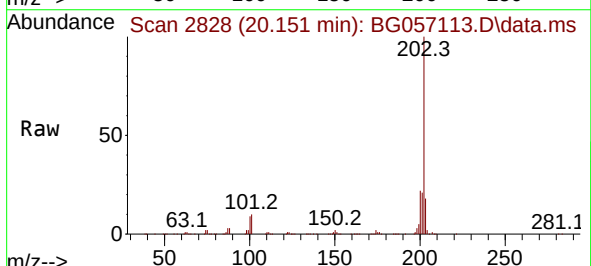
Tgt Ion:202 Resp: 272048

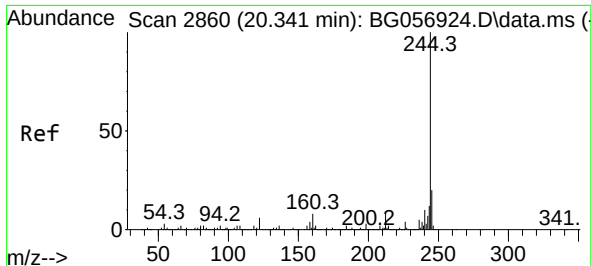
Ion Ratio Lower Upper

202 100

200 21.8 18.7 28.1

203 17.6 15.4 23.2

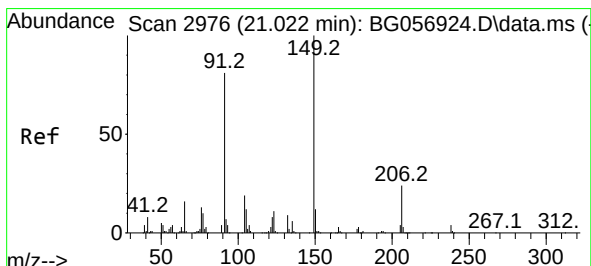
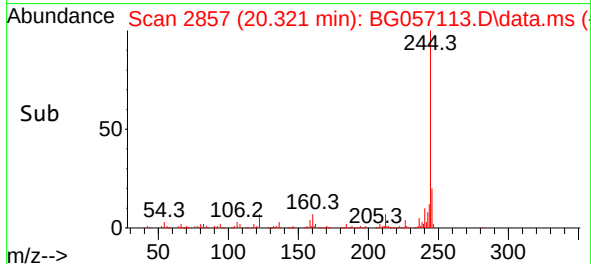
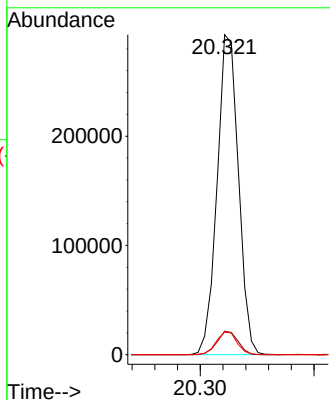
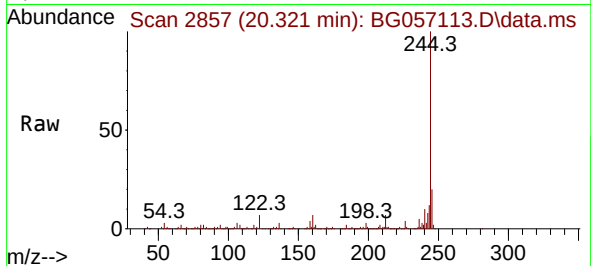




#79
 Terphenyl-d14
 Concen: 64.053 ng
 RT: 20.321 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057113.D
 Acq: 17 Apr 2023 15:41

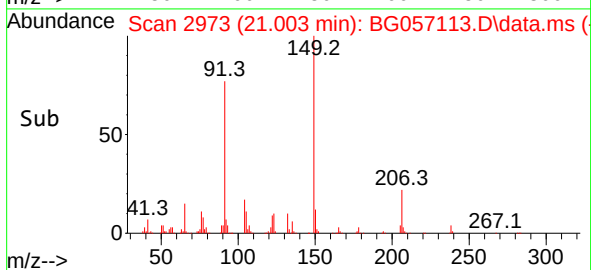
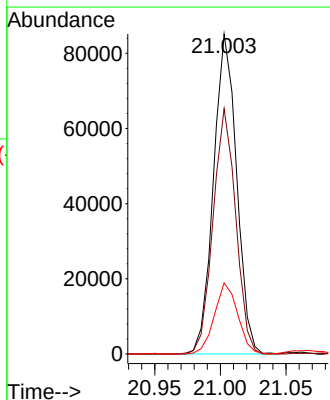
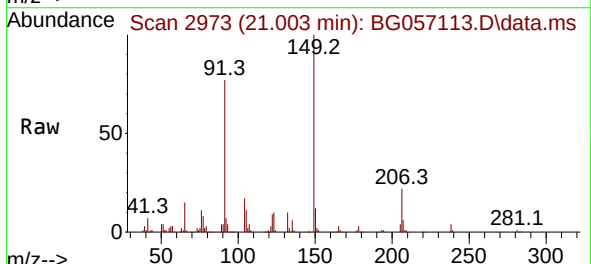
Instrument :
 BNA_G
 ClientSampleId :
 PB152124BS

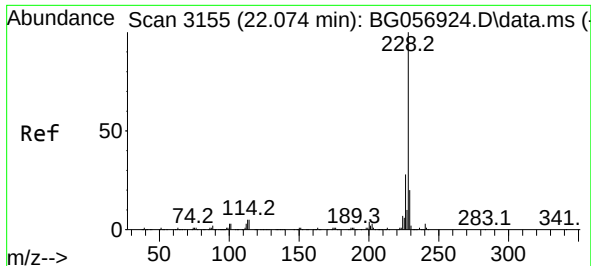
Tgt Ion:244 Resp: 382288
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 7.0 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 43.290 ng
 RT: 21.003 min Scan# 2973
 Delta R.T. -0.003 min
 Lab File: BG057113.D
 Acq: 17 Apr 2023 15:41

Tgt Ion:149 Resp: 104057
 Ion Ratio Lower Upper
 149 100
 91 76.6 64.4 96.6
 206 22.2 18.9 28.3

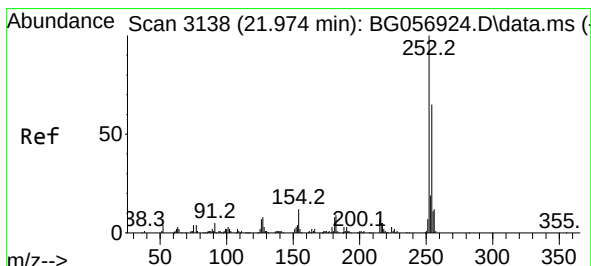
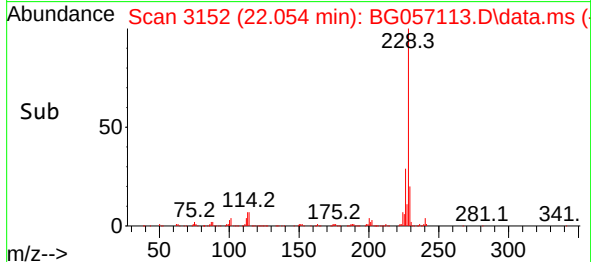
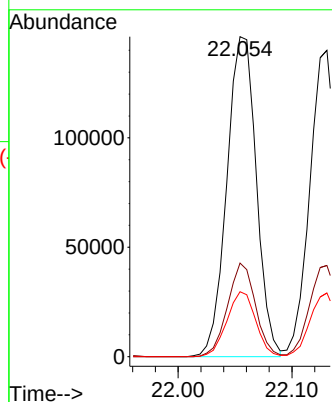
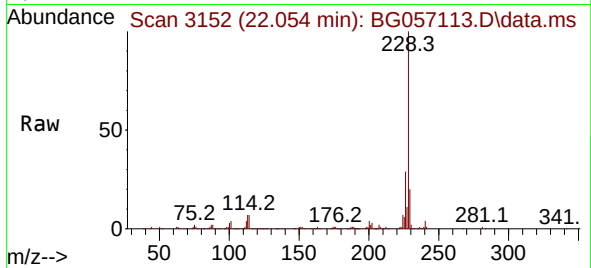




#81
Benzo(a)anthracene
Concen: 37.761 ng
RT: 22.054 min Scan# 3155
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

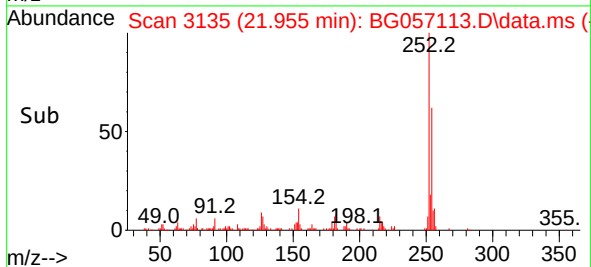
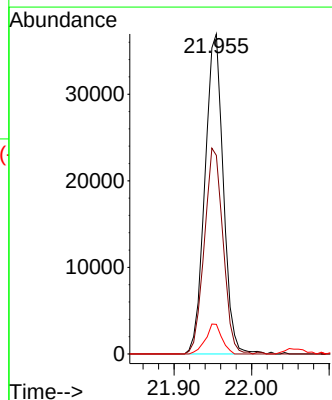
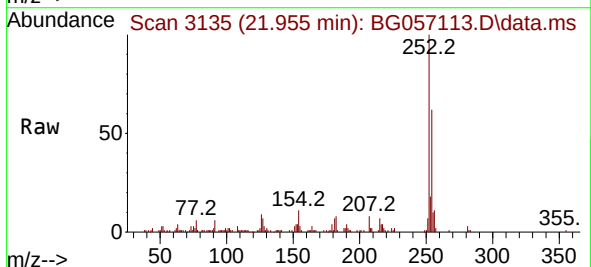
Instrument :
BNA_G
ClientSampleId :
PB152124BS

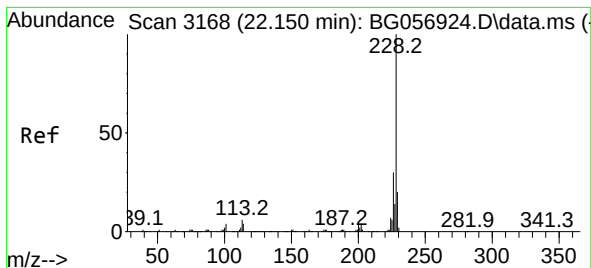
Tgt Ion:228 Resp: 263903
Ion Ratio Lower Upper
228 100
226 29.2 22.1 33.1
229 20.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 25.694 ng
RT: 21.955 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG057113.D
Acq: 17 Apr 2023 15:41

Tgt Ion:252 Resp: 60636
Ion Ratio Lower Upper
252 100
254 62.1 51.7 77.5
126 9.2 5.6 8.4#





#83

Chrysene

Concen: 37.168 ng

RT: 22.131 min Scan# 3165

Delta R.T. 0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

Instrument :

BNA_G

ClientSampleId :

PB152124BS

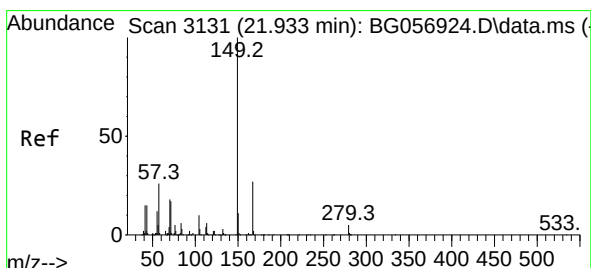
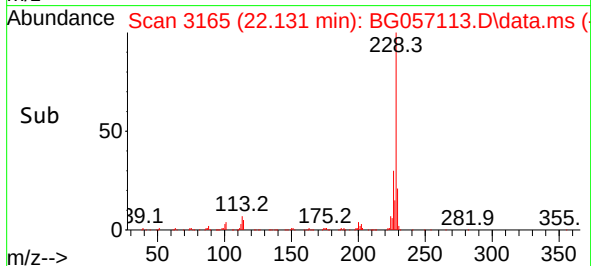
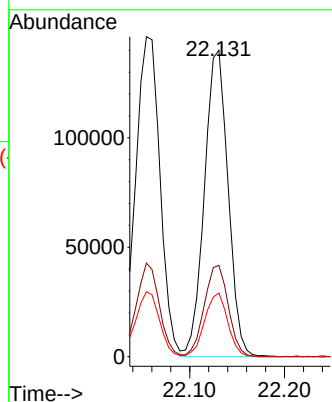
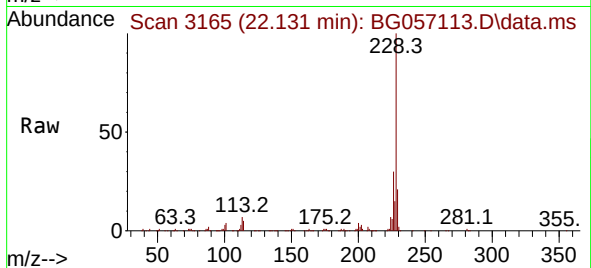
Tgt Ion:228 Resp: 243211

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 20.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.859 ng

RT: 21.902 min Scan# 3126

Delta R.T. -0.009 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

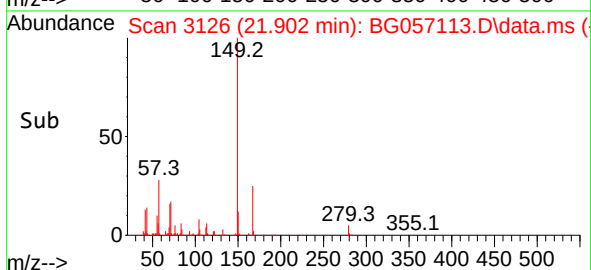
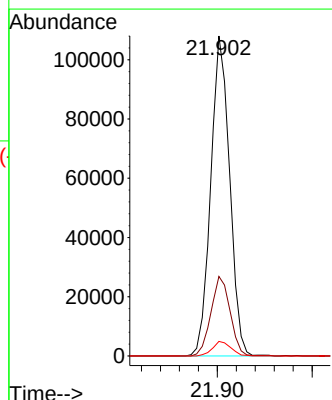
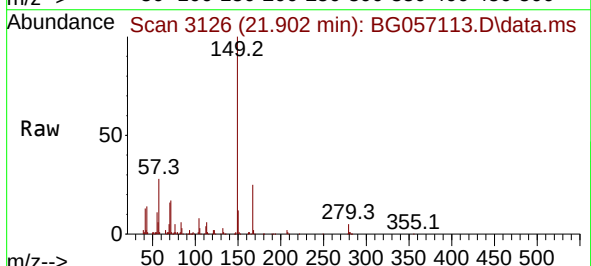
Tgt Ion:149 Resp: 149180

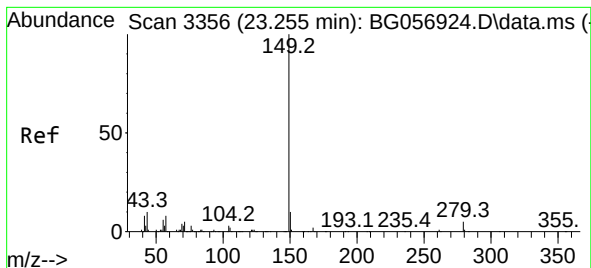
Ion Ratio Lower Upper

149 100

167 24.9 21.4 32.2

279 4.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.299 ng

RT: 23.218 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

Instrument :

BNA_G

ClientSampleId :

PB152124BS

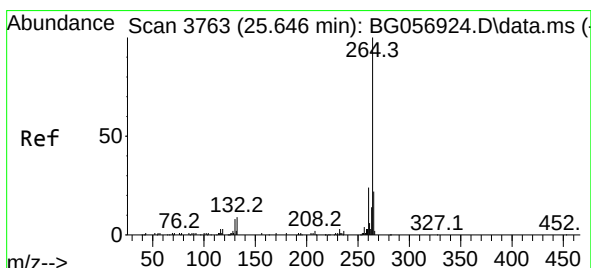
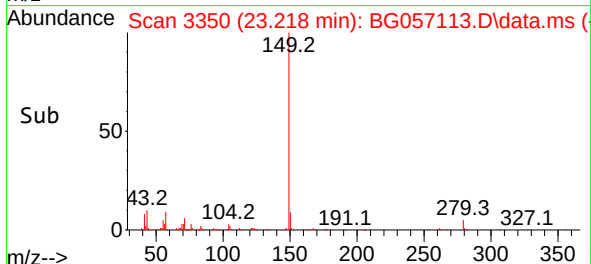
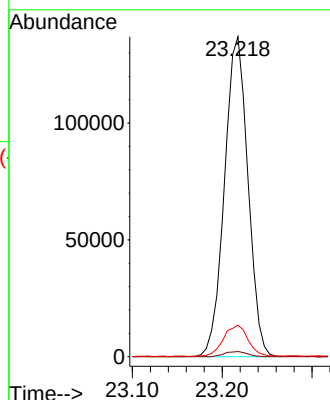
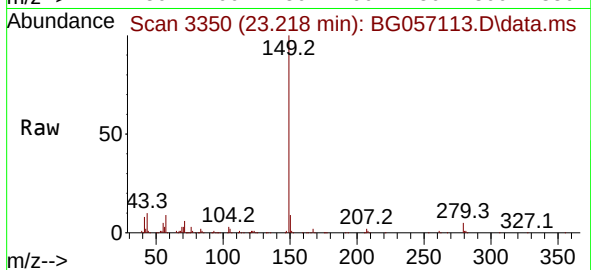
Tgt Ion:149 Resp: 248108

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.614 min Scan# 3758

Delta R.T. 0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

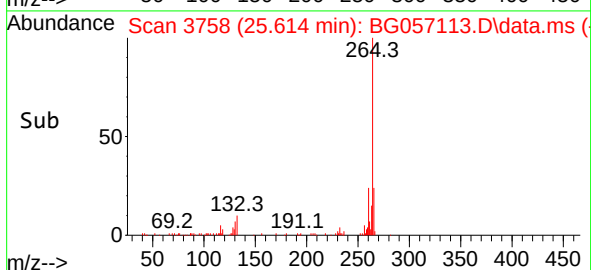
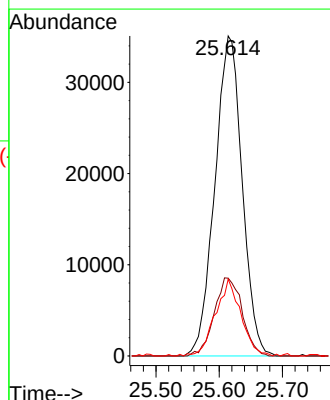
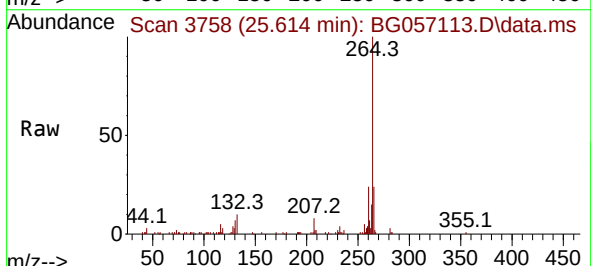
Tgt Ion:264 Resp: 105233

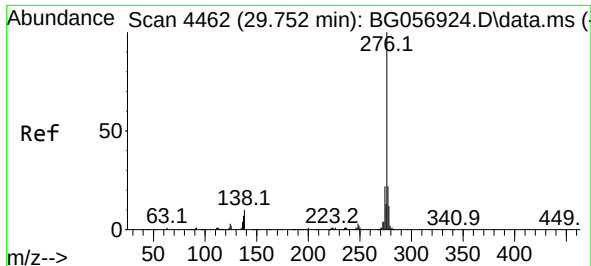
Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 24.0 17.8 26.6

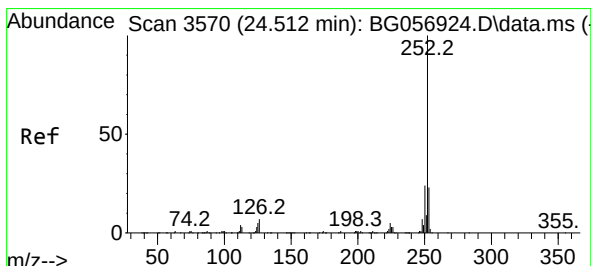
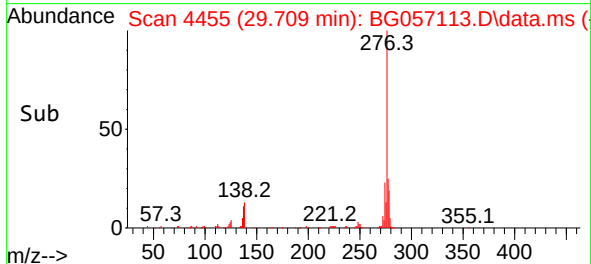
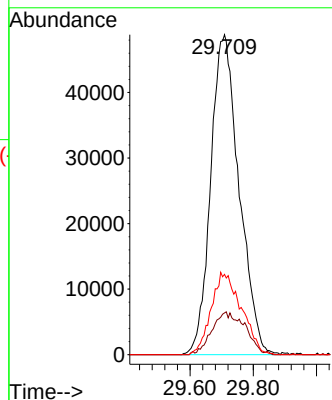
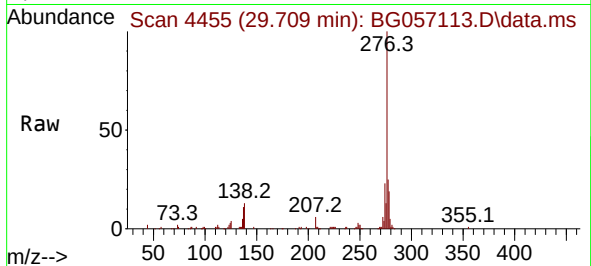




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.228 ng
 RT: 29.709 min Scan# 4462
 Delta R.T. -0.003 min
 Lab File: BG057113.D
 Acq: 17 Apr 2023 15:41

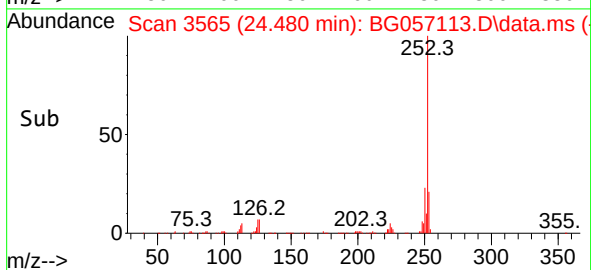
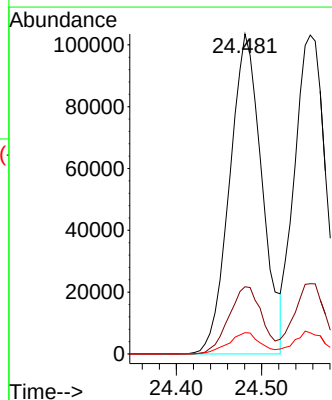
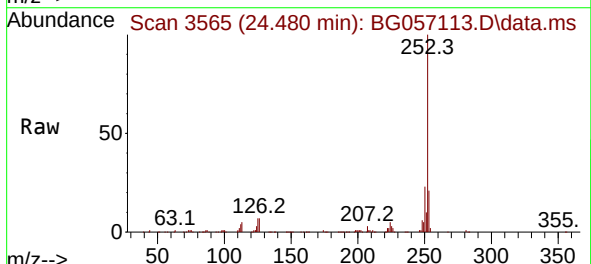
Instrument :
 BNA_G
 ClientSampleId :
 PB152124BS

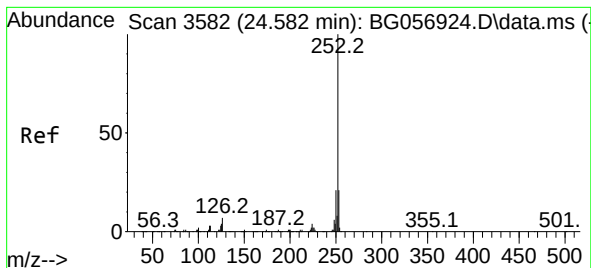
Tgt Ion:276 Resp: 305086
 Ion Ratio Lower Upper
 276 100
 138 15.5 7.7 11.5#
 277 27.3 21.0 31.4



#88
 Benzo(b)fluoranthene
 Concen: 41.458 ng
 RT: 24.480 min Scan# 3565
 Delta R.T. -0.003 min
 Lab File: BG057113.D
 Acq: 17 Apr 2023 15:41

Tgt Ion:252 Resp: 272817
 Ion Ratio Lower Upper
 252 100
 253 21.0 18.1 27.1
 125 6.7 4.2 6.4#





#89

Benzo(k)fluoranthene

Concen: 39.600 ng

RT: 24.557 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

Instrument :

BNA_G

ClientSampleId :

PB152124BS

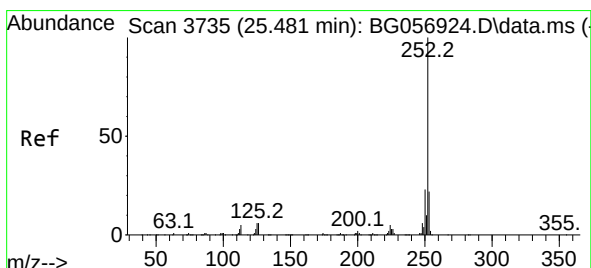
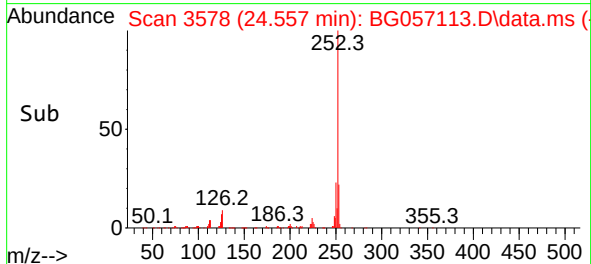
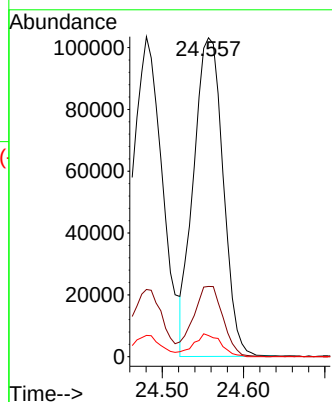
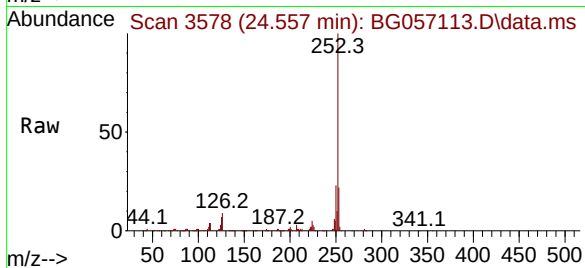
Tgt Ion:252 Resp: 260153

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 6.6 3.8 5.6#



#90

Benzo(a)pyrene

Concen: 36.344 ng

RT: 25.450 min Scan# 3730

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

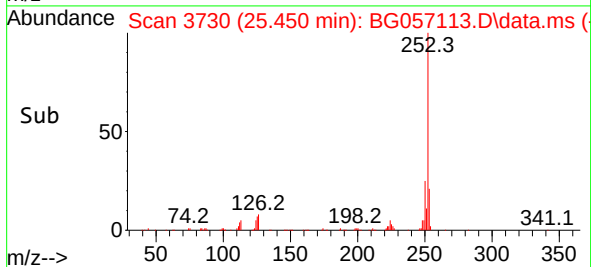
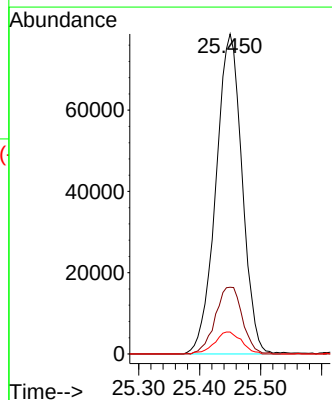
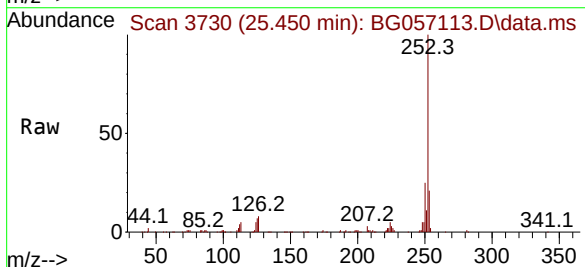
Tgt Ion:252 Resp: 235018

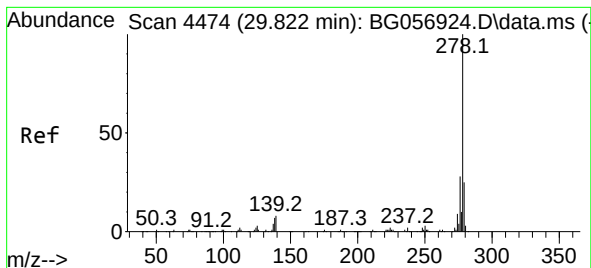
Ion Ratio Lower Upper

252 100

253 20.8 17.6 26.4

125 6.8 4.5 6.7#





#91

Dibenzo(a,h)anthracene

Concen: 39.966 ng

RT: 29.767 min Scan# 4474

Delta R.T. 0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

Instrument :

BNA_G

ClientSampleId :

PB152124BS

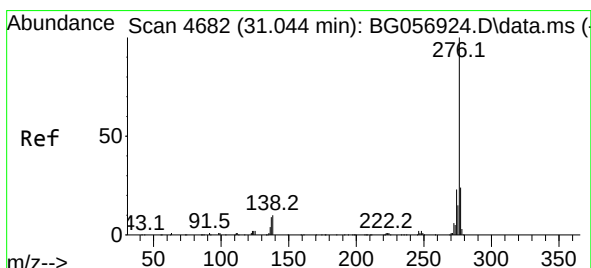
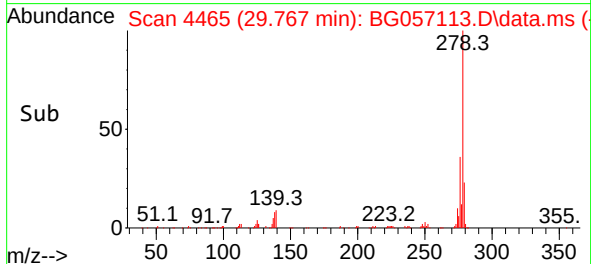
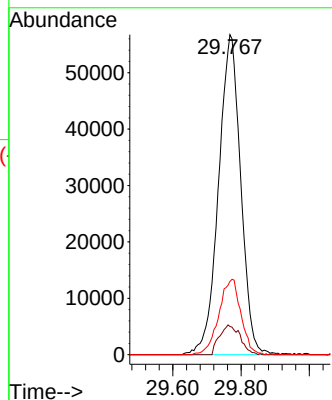
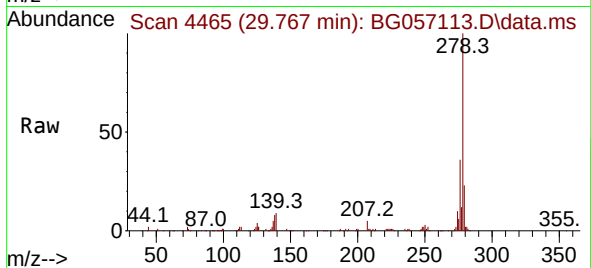
Tgt Ion:278 Resp: 255492

Ion Ratio Lower Upper

278 100

139 8.8 6.4 9.6

279 22.9 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 39.091 ng

RT: 30.989 min Scan# 4673

Delta R.T. -0.003 min

Lab File: BG057113.D

Acq: 17 Apr 2023 15:41

Tgt Ion:276 Resp: 244698

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 13.8 8.2 12.2#

