

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057904.D
 Acq On : 29 Jun 2023 14:38
 Operator : CG/JU
 Sample : PB1158138BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153813BS

Quant Time: Jun 29 15:38:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	37752	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	177475	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	136532	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	360811	20.000	ng	0.00
76) Chrysene-d12	21.555	240	298298	20.000	ng	0.00
86) Perylene-d12	24.710	264	352879	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	342479	138.799	ng	0.00
7) Phenol-d6	7.089	99	485963	131.707	ng	0.00
23) Nitrobenzene-d5	9.081	82	280034	77.328	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	261728	114.133	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	673758	75.307	ng	0.00
79) Terphenyl-d14	19.915	244	1340111	81.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.388	88	42799	37.843	ng	98
3) Pyridine	3.781	79	102131	31.294	ng	97
4) n-Nitrosodimethylamine	3.699	42	55904	41.558	ng	# 96
6) Aniline	7.242	93	124416	26.992	ng	98
8) 2-Chlorophenol	7.483	128	127643	51.531	ng	99
9) Benzaldehyde	7.054	77	44988	20.652	ng	96
10) Phenol	7.113	94	183087	51.063	ng	96
11) bis(2-Chloroethyl)ether	7.342	93	120532	44.590	ng	95
12) 1,3-Dichlorobenzene	7.806	146	118791	46.625	ng	96
13) 1,4-Dichlorobenzene	7.953	146	119174	46.568	ng	98
14) 1,2-Dichlorobenzene	8.270	146	115903	46.799	ng	98
15) Benzyl Alcohol	8.159	79	126460	46.519	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.447	45	197632	43.907	ng	98
17) 2-Methylphenol	8.364	107	126063	47.425	ng	99
18) Hexachloroethane	9.005	117	42165	47.284	ng	96
19) n-Nitroso-di-n-propyla...	8.723	70	104094	42.161	ng	96
20) 3+4-Methylphenols	8.687	107	175377	47.355	ng	99
22) Acetophenone	8.740	105	203564	41.213	ng	# 99
24) Nitrobenzene	9.122	77	148015	40.720	ng	97
25) Isophorone	9.645	82	303875	38.864	ng	99
26) 2-Nitrophenol	9.833	139	67376	45.489	ng	99
27) 2,4-Dimethylphenol	9.898	122	135991	47.620	ng	98
28) bis(2-Chloroethoxy)met...	10.133	93	174606	41.555	ng	99
29) 2,4-Dichlorophenol	10.374	162	132981	47.483	ng	96
30) 1,2,4-Trichlorobenzene	10.585	180	128364	42.574	ng	98
31) Naphthalene	10.773	128	386752	40.824	ng	98
32) Benzoic acid	10.033	122	112863	50.530	ng	95
33) 4-Chloroaniline	10.879	127	75480	16.934	ng	97
34) Hexachlorobutadiene	11.055	225	77168	41.496	ng	96
35) Caprolactam	11.719	113	23732	19.553	ng	96
36) 4-Chloro-3-methylphenol	12.007	107	168825	45.405	ng	99
37) 2-Methylnaphthalene	12.383	142	276786	39.634	ng	98
38) 1-Methylnaphthalene	12.601	142	263098	39.870	ng	100
40) 1,2,4,5-Tetrachloroben...	12.753	216	155342	40.668	ng	99
41) Hexachlorocyclopentadiene	12.730	237	187209	91.169	ng	97
43) 2,4,6-Trichlorophenol	12.988	196	125250	44.483	ng	99

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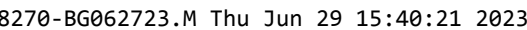
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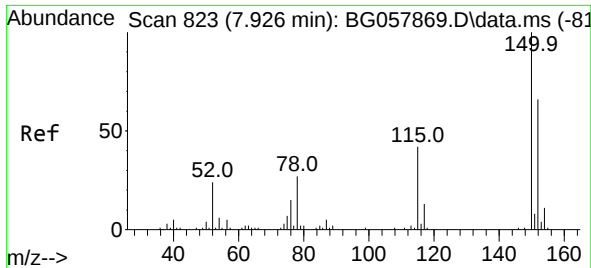
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	140867	42.035	ng	99
46) 1,1'-Biphenyl	13.394	154	382955	41.180	ng	100
47) 2-Chloronaphthalene	13.435	162	295794	41.417	ng	98
48) 2-Nitroaniline	13.640	65	122747	43.135	ng	93
49) Acenaphthylene	14.281	152	508155	40.572	ng	100
50) Dimethylphthalate	14.017	163	436277	40.316	ng	99
51) 2,6-Dinitrotoluene	14.134	165	96939	43.145	ng	99
52) Acenaphthene	14.622	154	298694	40.824	ng	98
53) 3-Nitroaniline	14.463	138	69074	27.043	ng	97
54) 2,4-Dinitrophenol	14.669	184	121053	97.521	ng	97
55) Dibenzofuran	14.957	168	500471	39.879	ng	99
56) 4-Nitrophenol	14.774	139	187880	89.717	ng	100
57) 2,4-Dinitrotoluene	14.921	165	144705	44.385	ng	94
58) Fluorene	15.609	166	408483	40.327	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.180	232	133694	44.008	ng	100
60) Diethylphthalate	15.374	149	461364	40.446	ng	100
61) 4-Chlorophenyl-phenyle...	15.597	204	216182	39.790	ng	99
62) 4-Nitroaniline	15.632	138	108661	40.556	ng	99
63) Azobenzene	15.891	77	438204	40.172	ng	99
65) 4,6-Dinitro-2-methylph...	15.685	198	89748	46.223	ng	97
66) n-Nitrosodiphenylamine	15.814	169	380033	41.272	ng	98
67) 4-Bromophenyl-phenylether	16.490	248	153593	40.327	ng	96
68) Hexachlorobenzene	16.608	284	169221	42.074	ng	97
69) Atrazine	16.760	200	148050	43.294	ng	98
70) Pentachlorophenol	16.954	266	237739	77.294	ng	99
71) Phenanthrene	17.348	178	708398	40.900	ng	100
72) Anthracene	17.436	178	723539	40.504	ng	100
73) Carbazole	17.706	167	708818	41.733	ng	99
74) Di-n-butylphthalate	18.264	149	860189	40.976	ng	99
75) Fluoranthene	19.357	202	873452	40.030	ng	98
77) Benzidine	19.539	184	219738	31.398	ng	98
78) Pyrene	19.722	202	887863	41.685	ng	100
80) Butylbenzylphthalate	20.609	149	365164	42.279	ng	98
81) Benzo(a)anthracene	21.537	228	854940	41.415	ng	100
82) 3,3'-Dichlorobenzidine	21.455	252	272561	37.107	ng	99
83) Chrysene	21.602	228	792570	40.562	ng	99
84) Bis(2-ethylhexyl)phtha...	21.443	149	509877	41.579	ng	100
85) Di-n-octyl phthalate	22.630	149	919112	42.474	ng	98
87) Indeno(1,2,3-cd)pyrene	28.300	276	1057477	45.236	ng	# 94
88) Benzo(b)fluoranthene	23.711	252	888703	46.174	ng	100
89) Benzo(k)fluoranthene	23.776	252	862988	44.365	ng	99
90) Benzo(a)pyrene	24.557	252	788522	41.358	ng	99
91) Dibenzo(a,h)anthracene	28.364	278	880784	45.421	ng	99
92) Benzo(g,h,i)perylene	29.434	276	872203	45.258	ng	99

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

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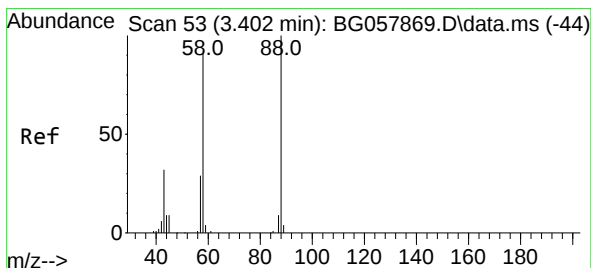
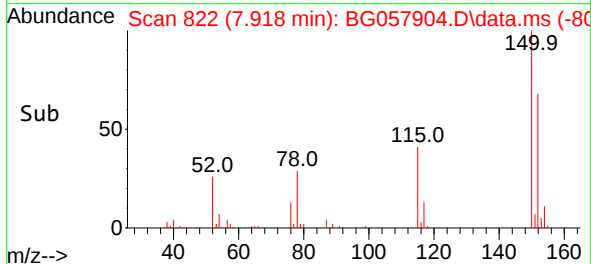
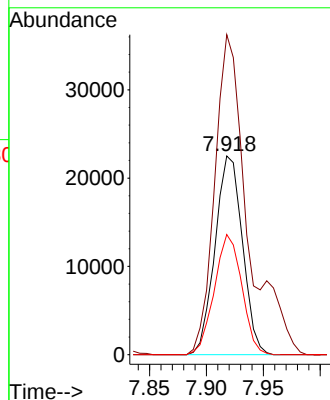
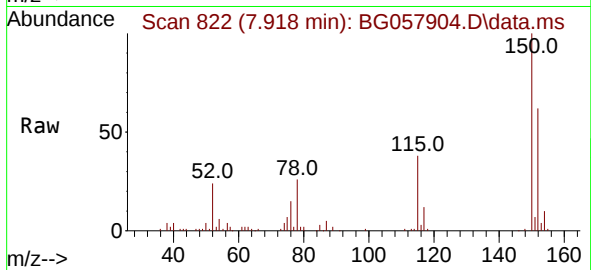




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057904.D
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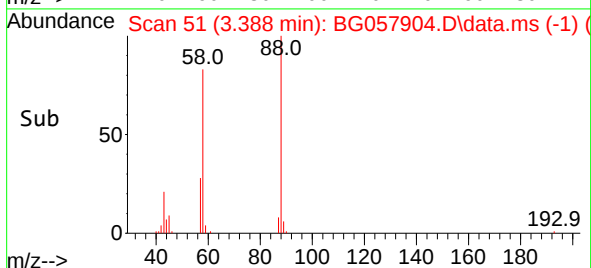
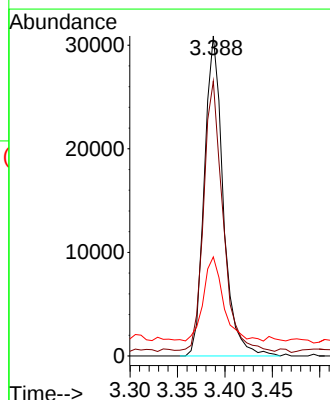
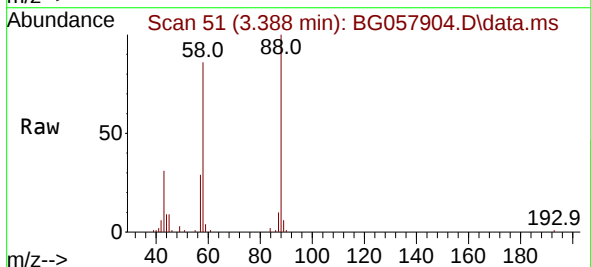
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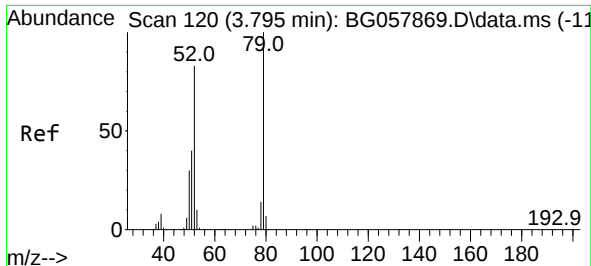
Tgt Ion:152 Resp: 37752
Ion Ratio Lower Upper
152 100
150 161.1 122.0 183.0
115 60.5 50.7 76.1



#2
1,4-Dioxane
Concen: 37.843 ng
RT: 3.388 min Scan# 51
Delta R.T. -0.014 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion: 88 Resp: 42799
Ion Ratio Lower Upper
88 100
58 86.1 70.7 106.1
43 27.7 22.9 34.3





#3

Pyridine

Concen: 31.294 ng

RT: 3.781 min Scan# 11

Delta R.T. -0.014 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

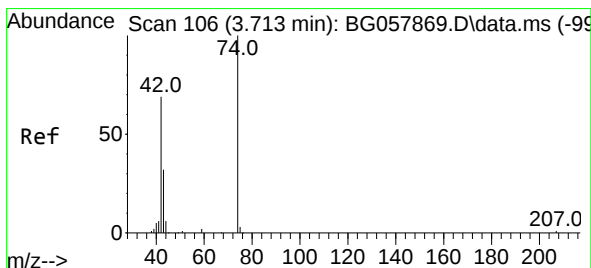
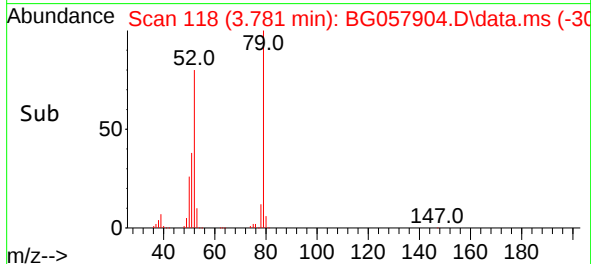
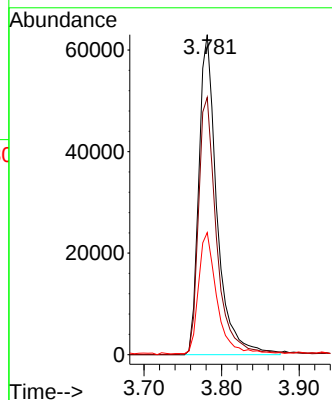
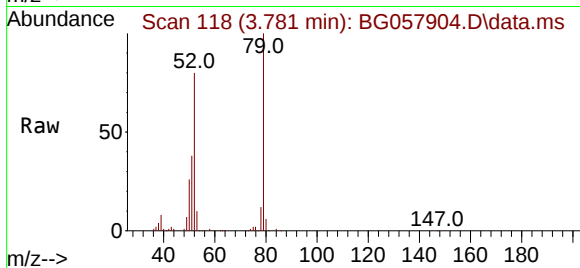
Tgt Ion: 79 Resp: 102131

Ion Ratio Lower Upper

79 100

52 80.4 66.6 99.8

51 38.2 32.2 48.2



#4

n-Nitrosodimethylamine

Concen: 41.558 ng

RT: 3.699 min Scan# 104

Delta R.T. -0.014 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

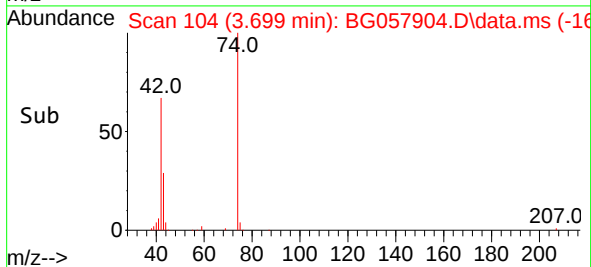
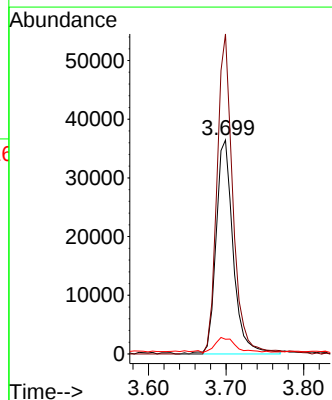
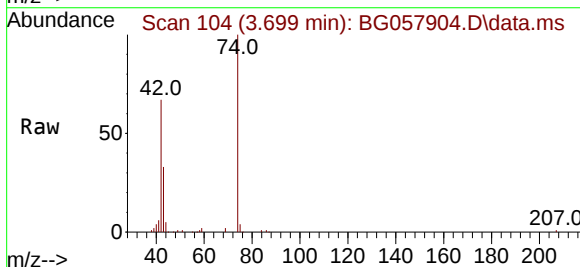
Tgt Ion: 42 Resp: 55904

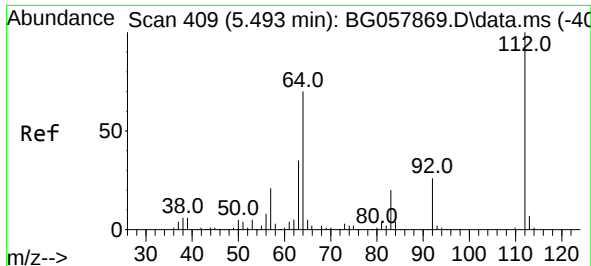
Ion Ratio Lower Upper

42 100

74 149.6 116.2 174.2

44 6.9 7.3 10.9#

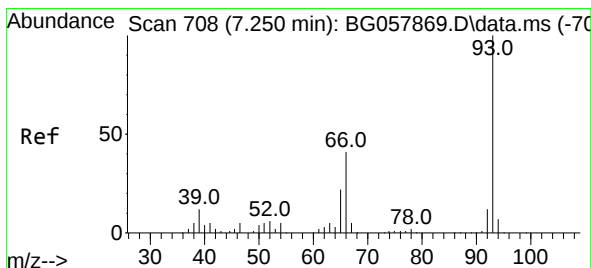
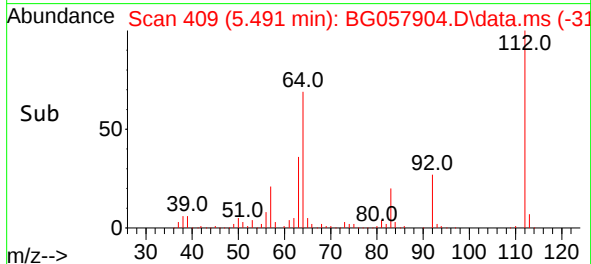
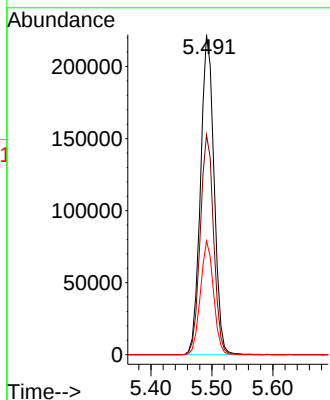
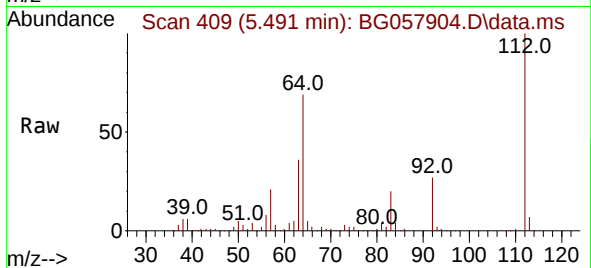




#5
2-Fluorophenol
Concen: 138.799 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

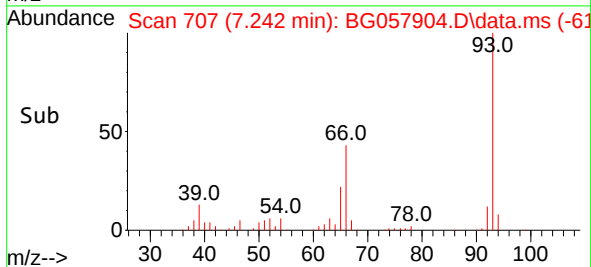
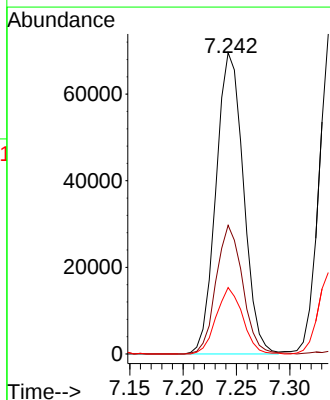
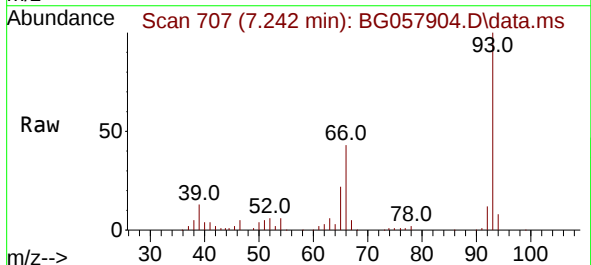
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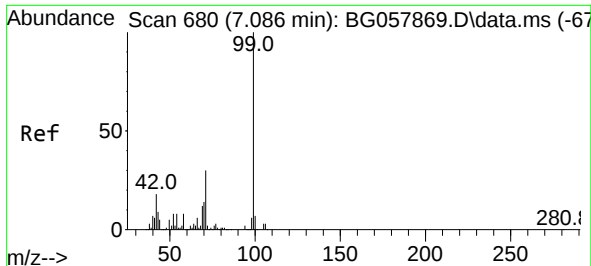
Tgt Ion:112 Resp: 342479
Ion Ratio Lower Upper
112 100
64 68.7 55.8 83.6
63 35.5 27.9 41.9



#6
Aniline
Concen: 26.992 ng
RT: 7.242 min Scan# 707
Delta R.T. -0.008 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion: 93 Resp: 124416
Ion Ratio Lower Upper
93 100
66 42.7 32.8 49.2
65 22.0 17.7 26.5

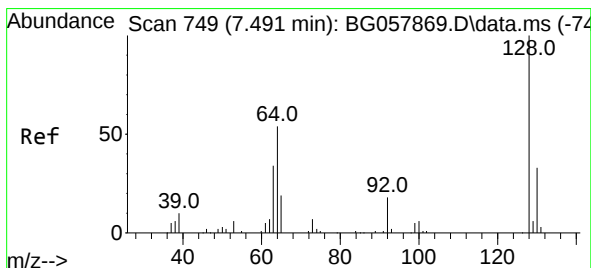
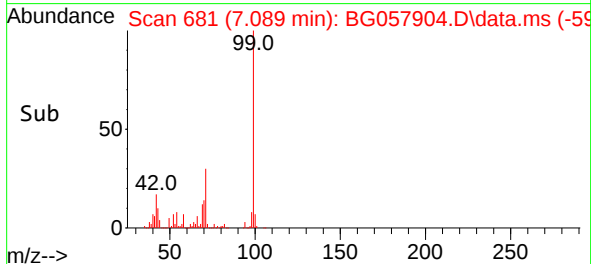
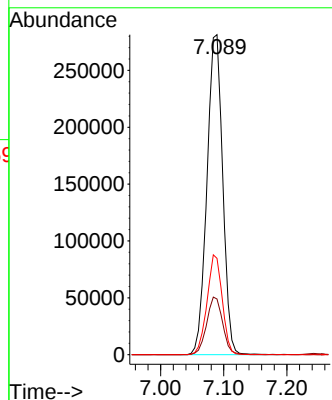
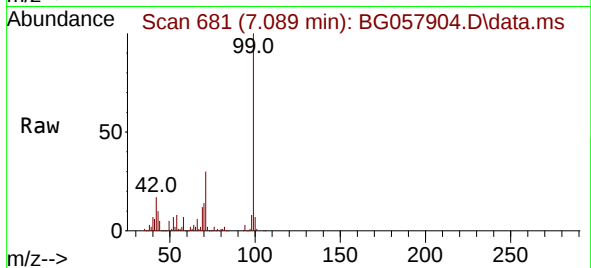




#7
Phenol-d6
Concen: 131.707 ng
RT: 7.089 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

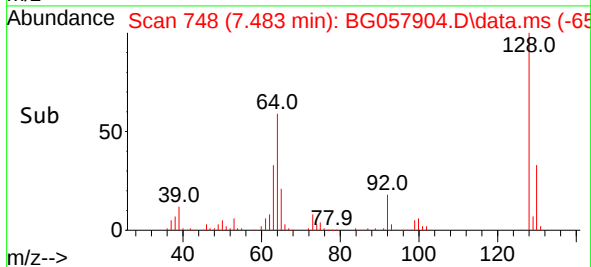
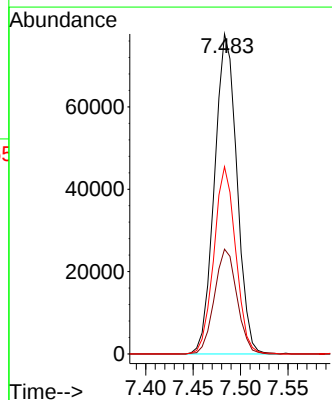
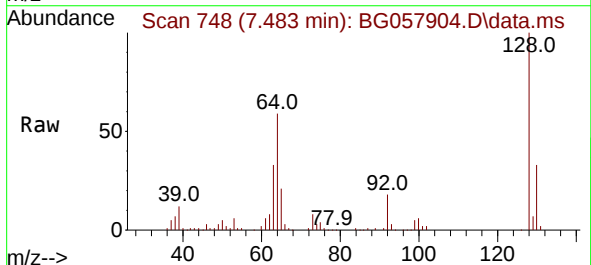
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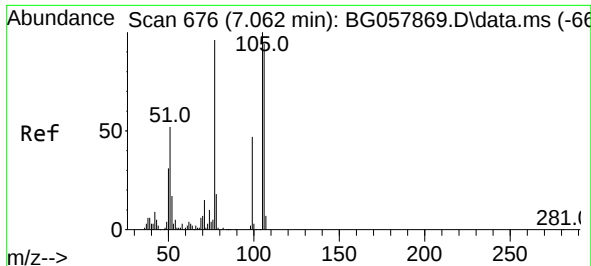
Tgt Ion: 99 Resp: 485963
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 30.1 23.9 35.9



#8
2-Chlorophenol
Concen: 51.531 ng
RT: 7.483 min Scan# 748
Delta R.T. -0.008 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:128 Resp: 127643
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 58.5 37.1 77.1

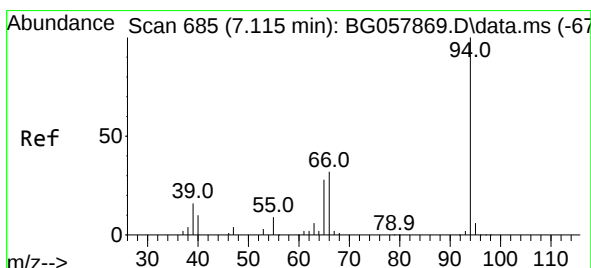
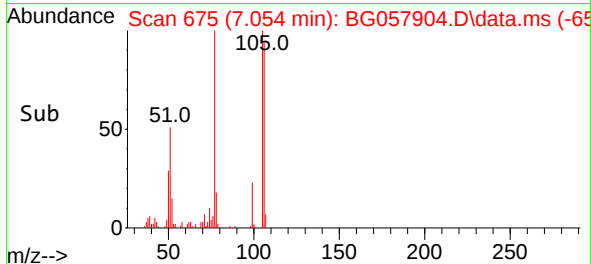
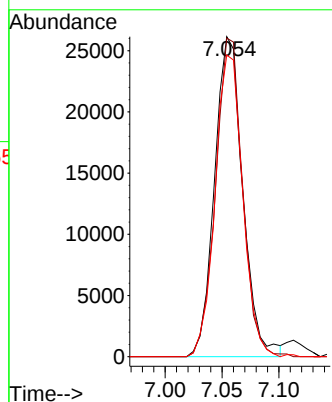
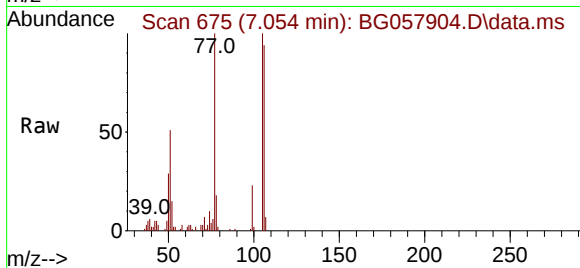




#9
Benzaldehyde
Concen: 20.652 ng
RT: 7.054 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057904.D
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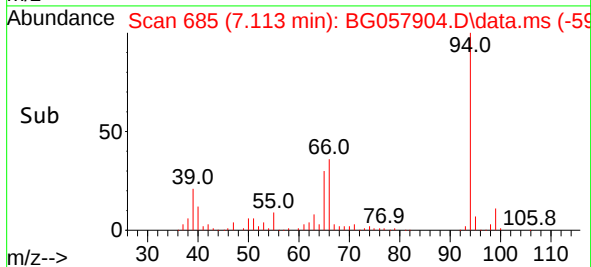
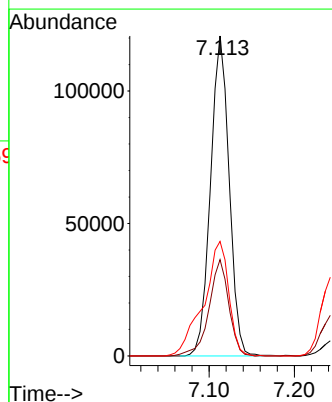
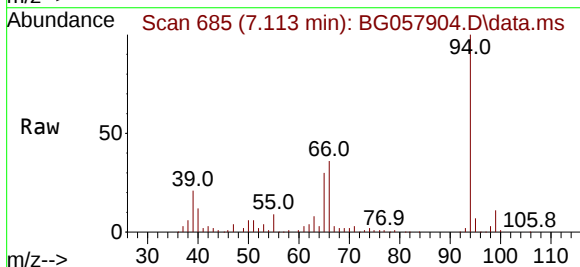
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ClientSampleId :
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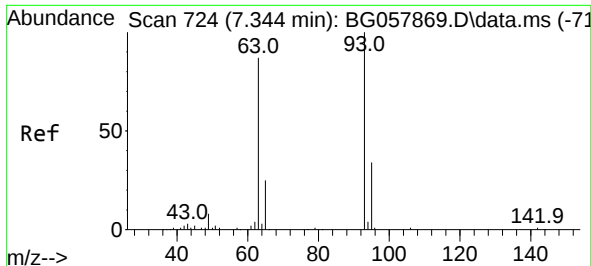
Tgt Ion: 77 Resp: 44988
Ion Ratio Lower Upper
77 100
105 99.5 83.7 123.7
106 94.2 77.4 117.4



#10
Phenol
Concen: 51.063 ng
RT: 7.113 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG057904.D
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Tgt Ion: 94 Resp: 183087
Ion Ratio Lower Upper
94 100
65 30.1 7.8 47.8
66 35.8 13.6 53.6

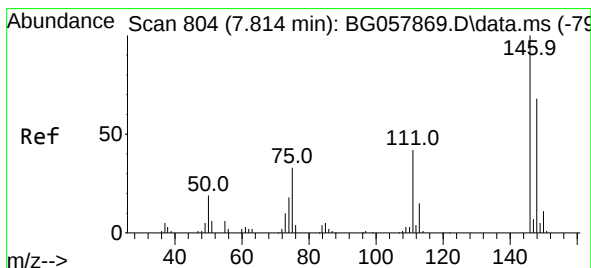
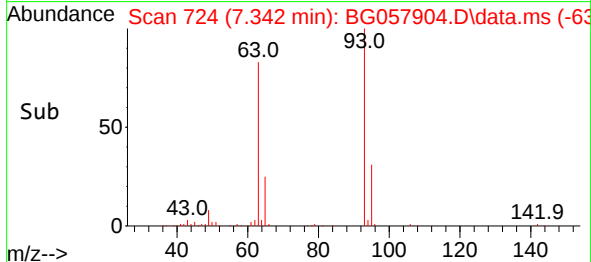
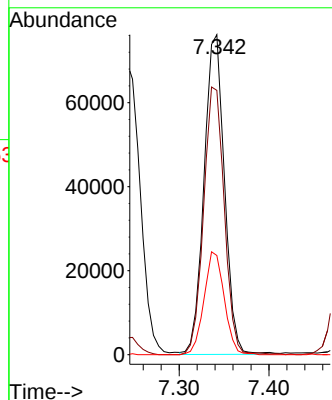
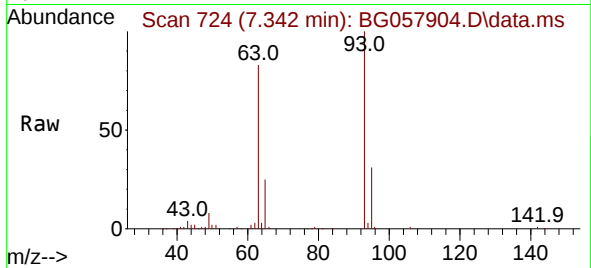




#11
bis(2-Chloroethyl)ether
Concen: 44.590 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

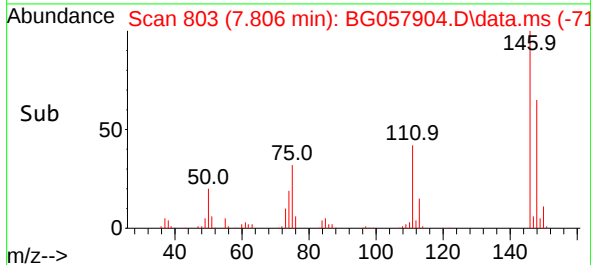
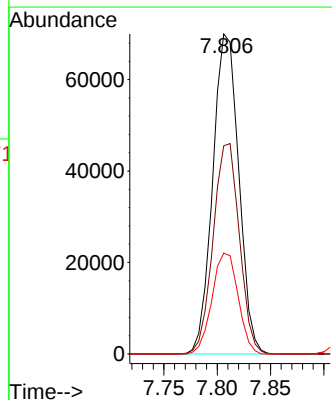
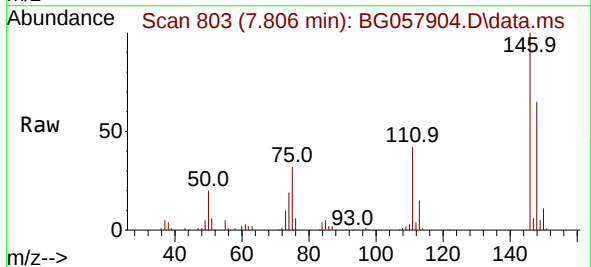
Instrument :
BNA_G
ClientSampleId :
PB153813BS

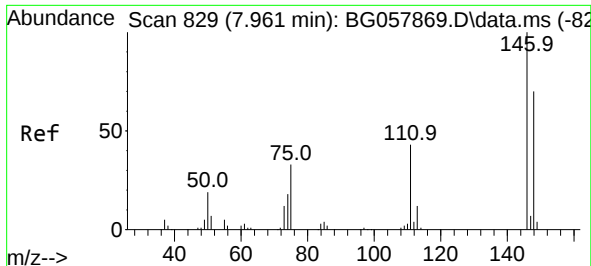
Tgt Ion: 93 Resp: 120532
Ion Ratio Lower Upper
93 100
63 82.6 66.9 106.9
95 31.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 46.625 ng
RT: 7.806 min Scan# 803
Delta R.T. -0.008 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:146 Resp: 118791
Ion Ratio Lower Upper
146 100
148 65.1 54.5 81.7
75 31.5 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 46.568 ng

RT: 7.953 min Scan# 81

Delta R.T. -0.008 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

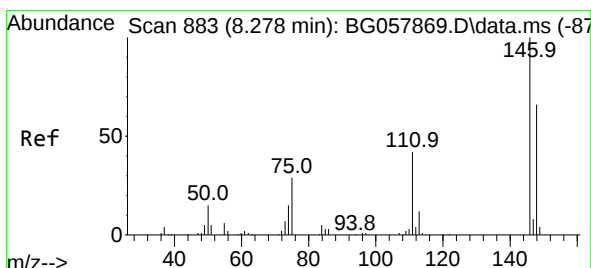
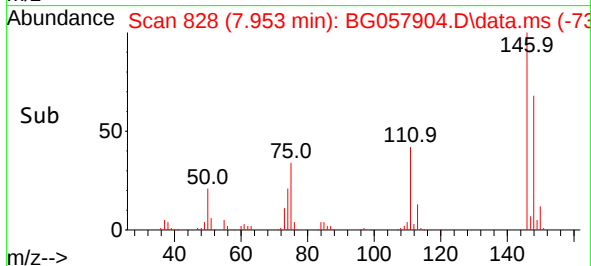
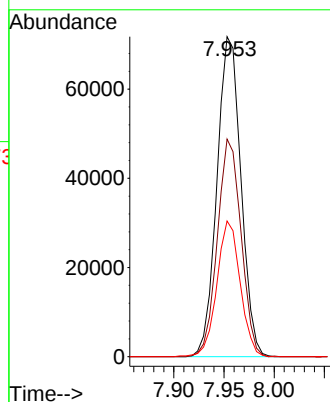
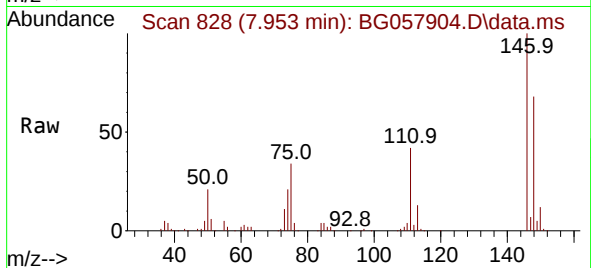
Tgt Ion:146 Resp: 119174

Ion Ratio Lower Upper

146 100

148 68.0 55.7 83.5

111 42.4 34.7 52.1



#14

1,2-Dichlorobenzene

Concen: 46.799 ng

RT: 8.270 min Scan# 882

Delta R.T. -0.008 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

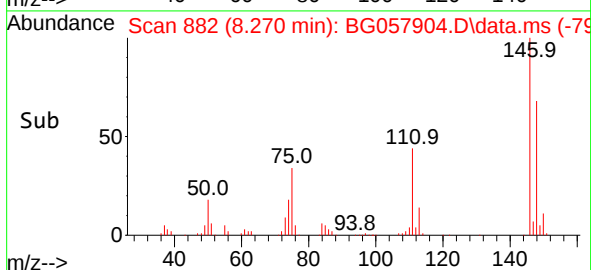
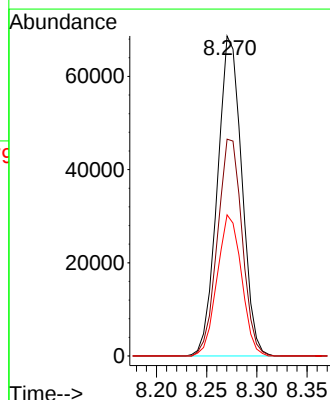
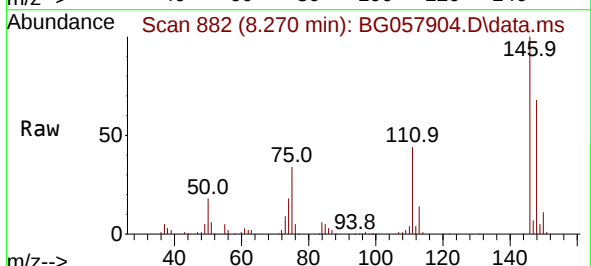
Tgt Ion:146 Resp: 115903

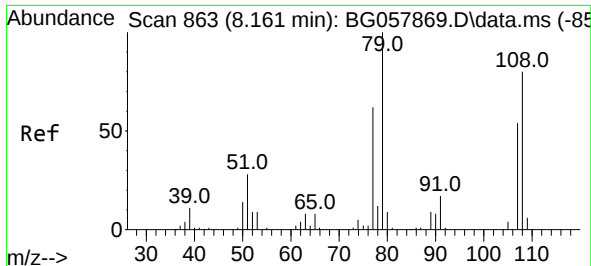
Ion Ratio Lower Upper

146 100

148 67.7 53.0 79.6

111 44.1 34.3 51.5

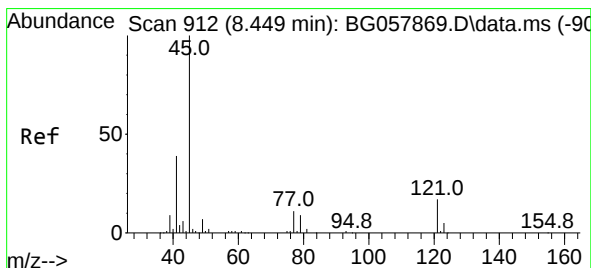
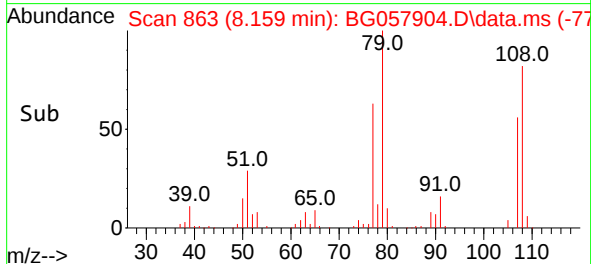
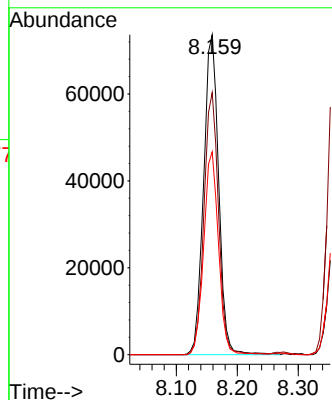
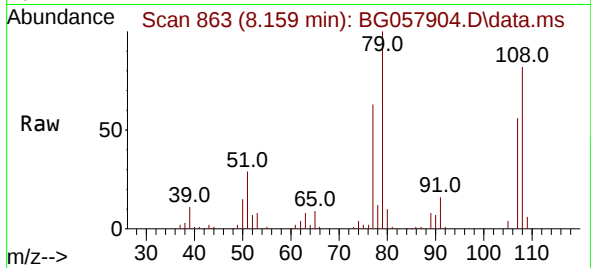




#15
Benzyl Alcohol
Concen: 46.519 ng
RT: 8.159 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

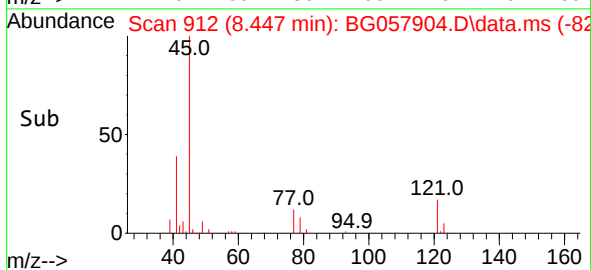
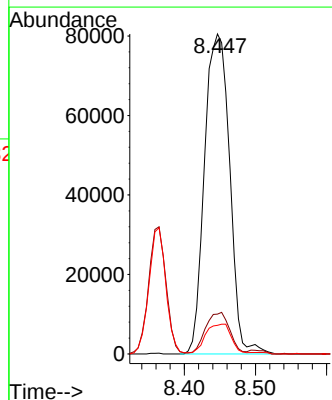
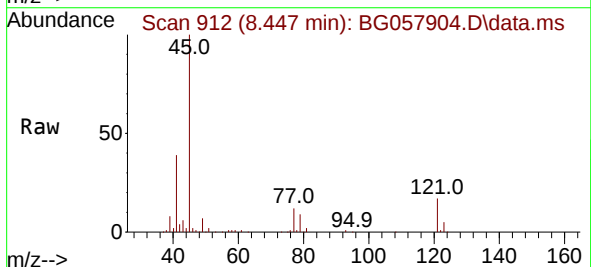
Instrument :
BNA_G
ClientSampleId :
PB153813BS

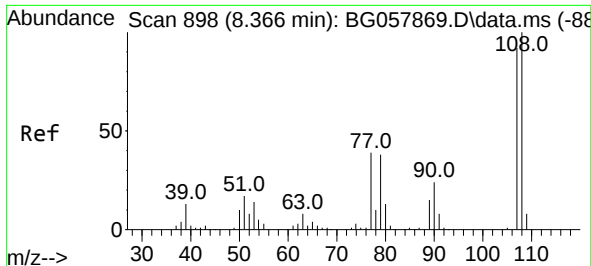
Tgt Ion: 79 Resp: 126460
Ion Ratio Lower Upper
79 100
108 81.9 64.0 96.0
77 63.4 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.907 ng
RT: 8.447 min Scan# 912
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion: 45 Resp: 197632
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.1
79 9.0 0.0 29.8

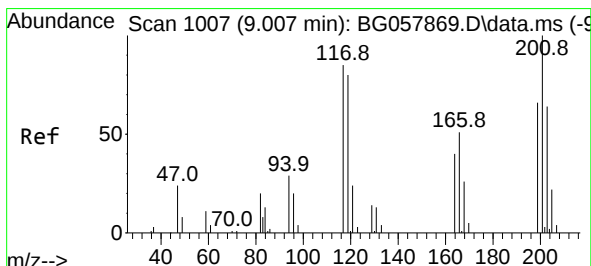
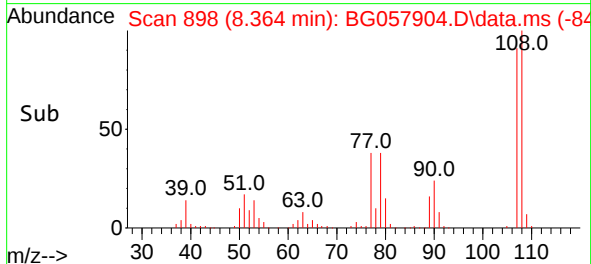
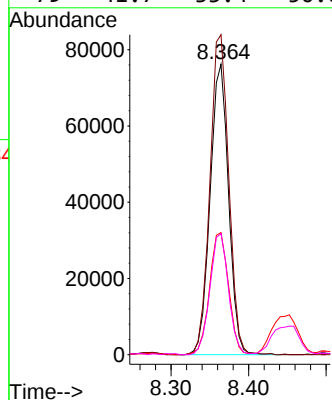
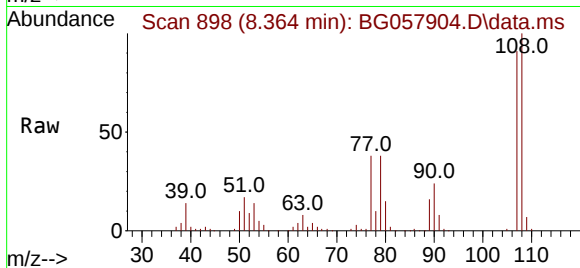




#17
2-Methylphenol
Concen: 47.425 ng
RT: 8.364 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

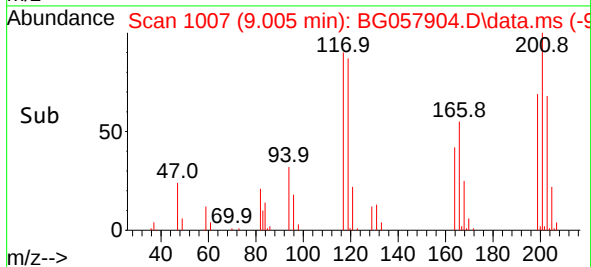
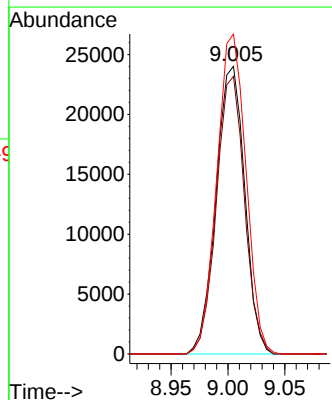
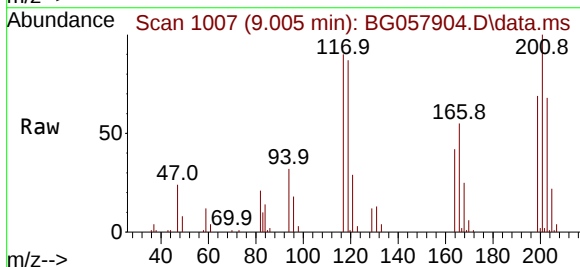
Instrument :
BNA_G
ClientSampleId :
PB153813BS

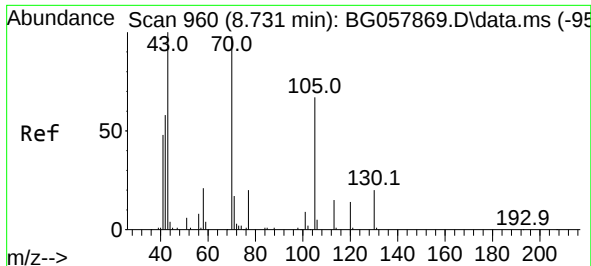
Tgt Ion:	107	Resp:	126063
Ion	Ratio	Lower	Upper
107	100		
108	110.2	87.2	130.8
77	42.0	34.2	51.4
79	41.7	33.4	50.0



#18
Hexachloroethane
Concen: 47.284 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:	117	Resp:	42165
Ion	Ratio	Lower	Upper
117	100		
119	97.5	74.7	112.1
201	113.8	93.9	140.9

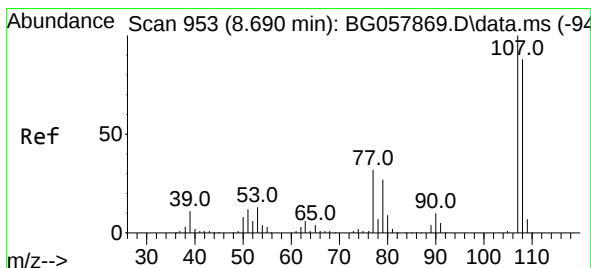
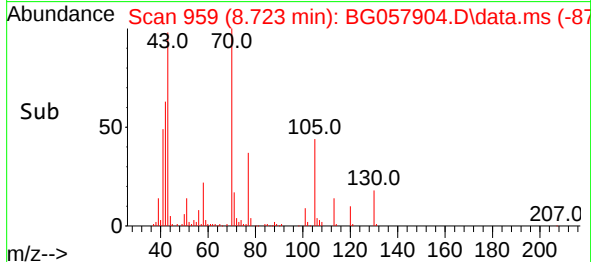
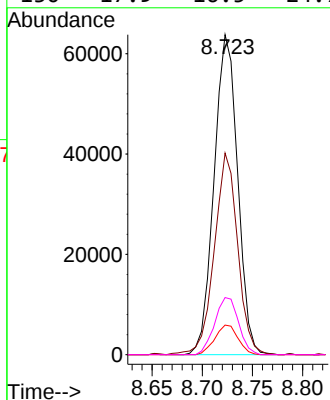
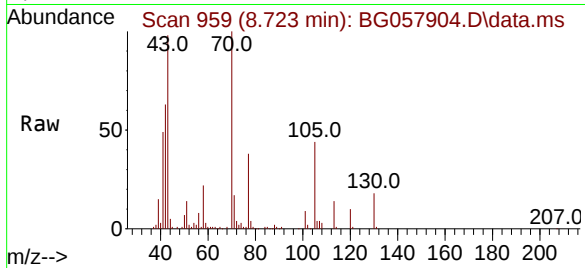




#19
n-Nitroso-di-n-propylamine
Concen: 42.161 ng
RT: 8.723 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

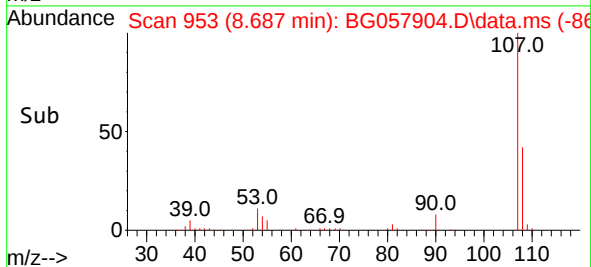
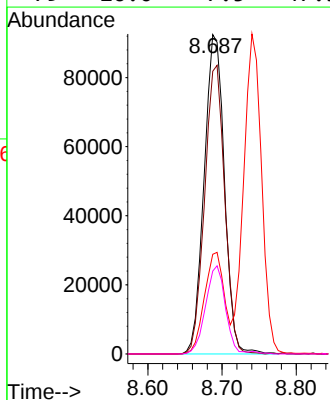
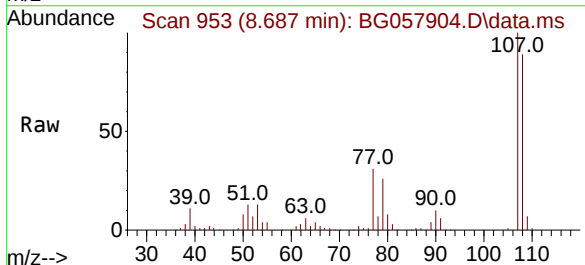
Instrument :
BNA_G
ClientSampleId :
PB153813BS

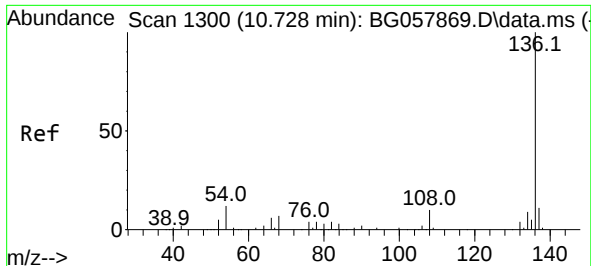
Tgt Ion:	70	Resp:	104094
Ion	Ratio	Lower	Upper
70	100		
42	63.0	48.4	72.6
101	9.3	7.2	10.8
130	17.9	16.5	24.7



#20
3+4-Methylphenols
Concen: 47.355 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:	107	Resp:	175377
Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.7	107.7
77	31.2	11.8	51.8
79	26.0	7.5	47.5





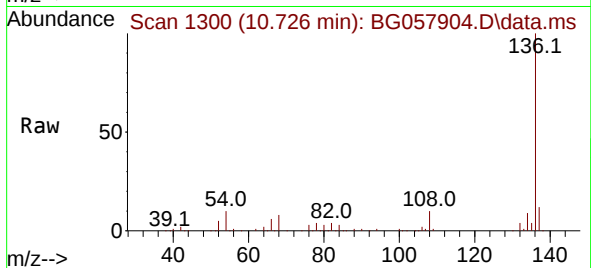
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Instrument :

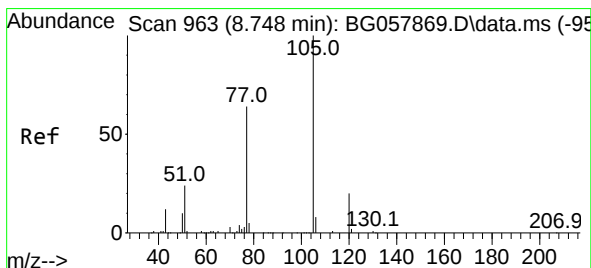
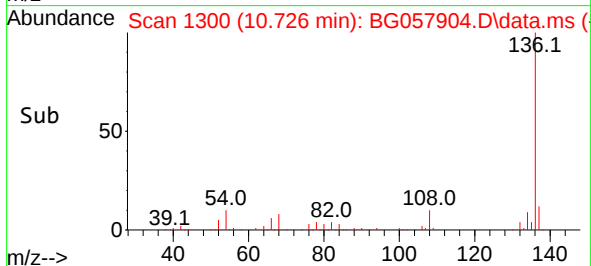
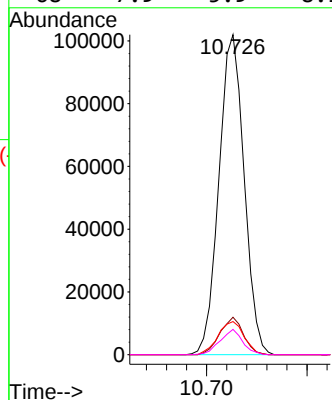
BNA_G

ClientSampleId :

PB153813BS

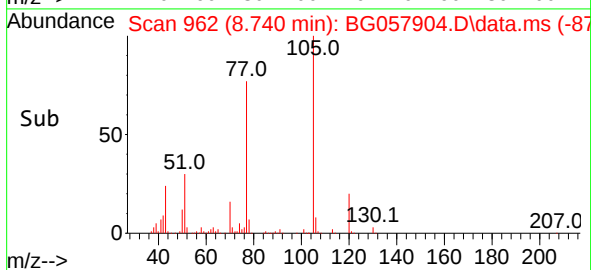
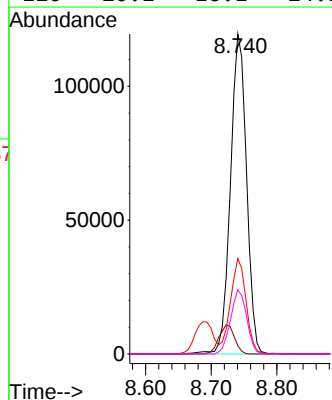
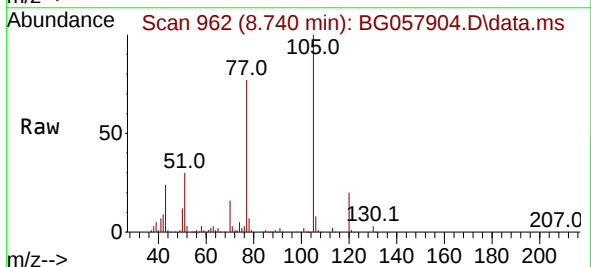


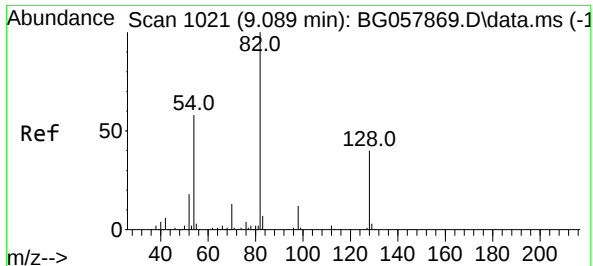
Tgt Ion:136 Resp: 177475
Ion Ratio Lower Upper
136 100
137 11.7 8.6 12.8
54 10.3 9.3 13.9
68 7.9 5.9 8.9



#22
Acetophenone
Concen: 41.213 ng
RT: 8.740 min Scan# 962
Delta R.T. -0.008 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:105 Resp: 203564
Ion Ratio Lower Upper
105 100
71 2.6 1.1 1.7#
51 29.8 23.0 34.6
120 20.1 16.1 24.1





#23

Nitrobenzene-d5

Concen: 77.328 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.008 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

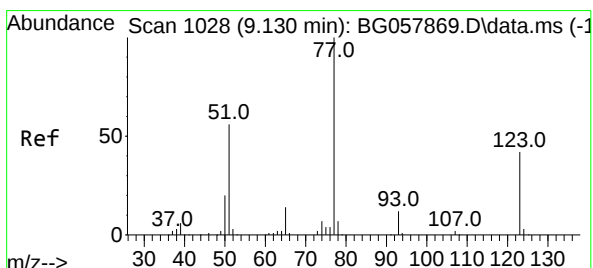
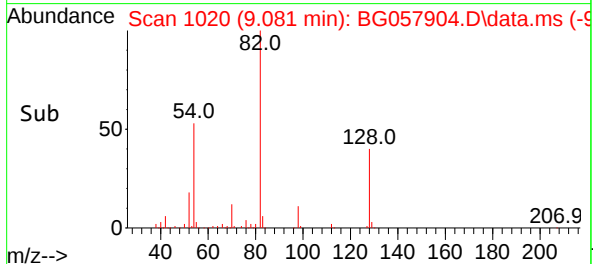
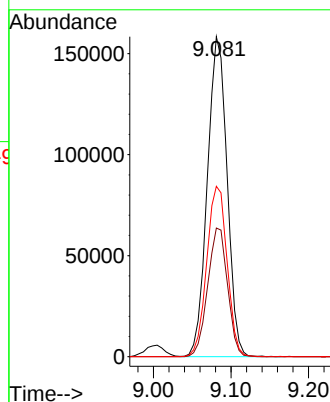
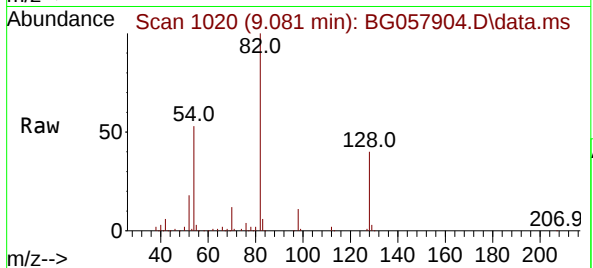
Tgt Ion: 82 Resp: 280034

Ion Ratio Lower Upper

82 100

128 40.2 32.2 48.4

54 53.3 46.1 69.1



#24

Nitrobenzene

Concen: 40.720 ng

RT: 9.122 min Scan# 1027

Delta R.T. -0.008 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

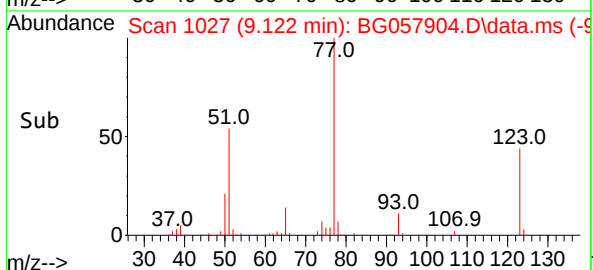
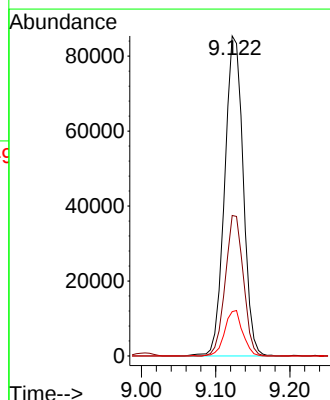
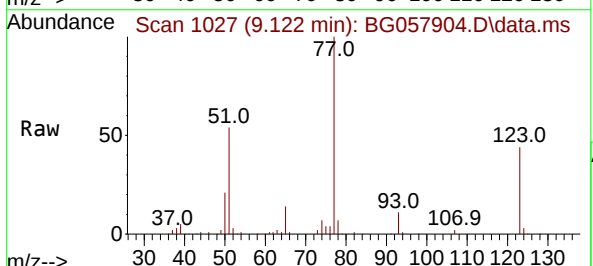
Tgt Ion: 77 Resp: 148015

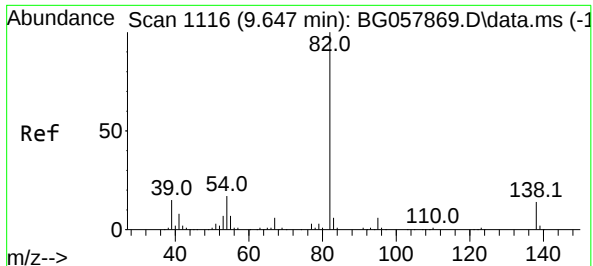
Ion Ratio Lower Upper

77 100

123 43.9 33.6 50.4

65 13.8 11.4 17.0

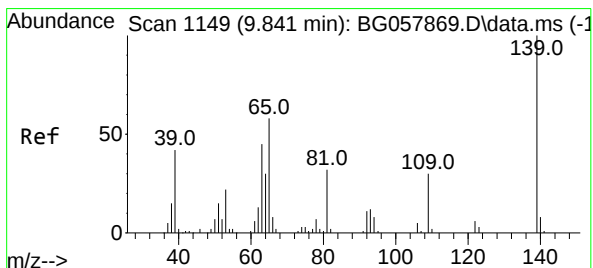
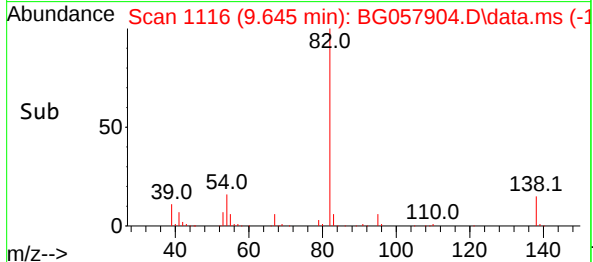
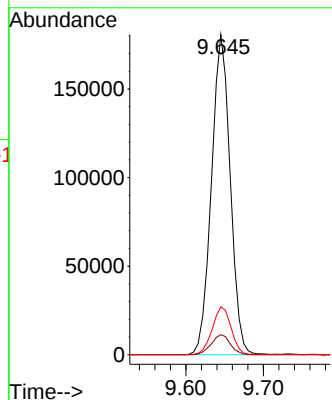
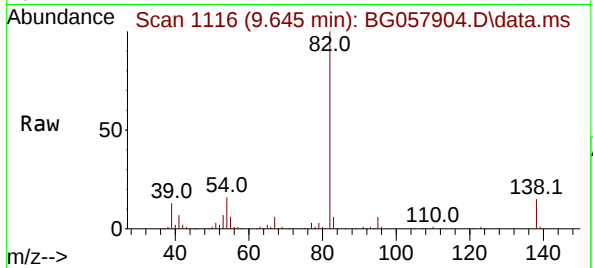




#25
Isophorone
Concen: 38.864 ng
RT: 9.645 min Scan# 1116
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

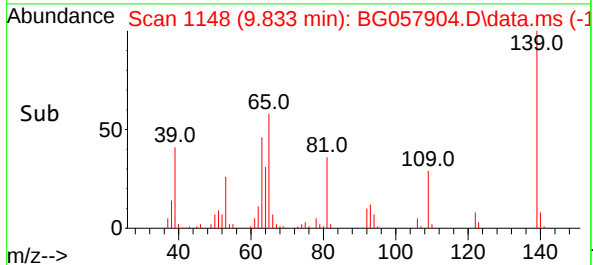
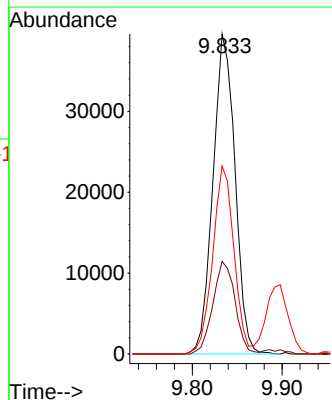
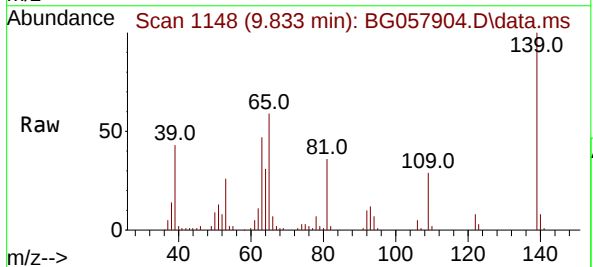
Instrument :
BNA_G
ClientSampleId :
PB153813BS

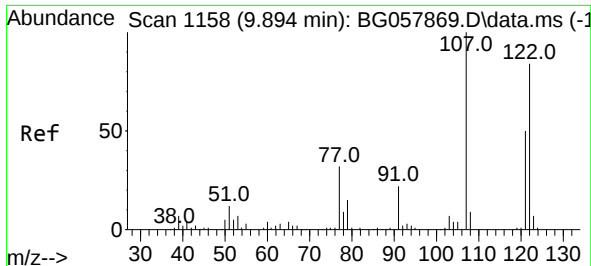
Tgt Ion: 82 Resp: 303875
Ion Ratio Lower Upper
82 100
95 6.3 5.0 7.6
138 14.9 11.3 16.9



#26
2-Nitrophenol
Concen: 45.489 ng
RT: 9.833 min Scan# 1148
Delta R.T. -0.008 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:139 Resp: 67376
Ion Ratio Lower Upper
139 100
109 29.0 23.7 35.5
65 58.8 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 47.620 ng

RT: 9.898 min Scan# 1158

Delta R.T. 0.004 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

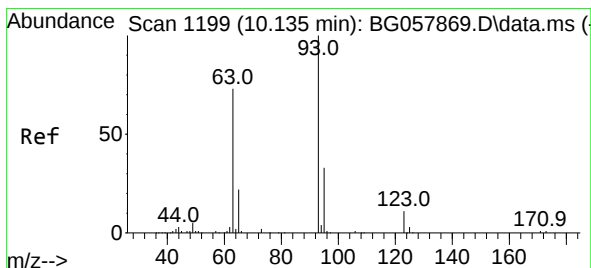
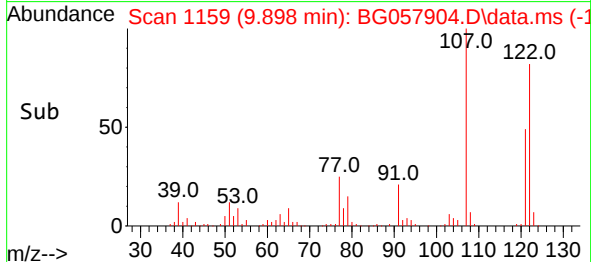
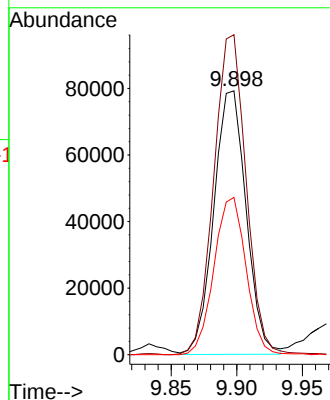
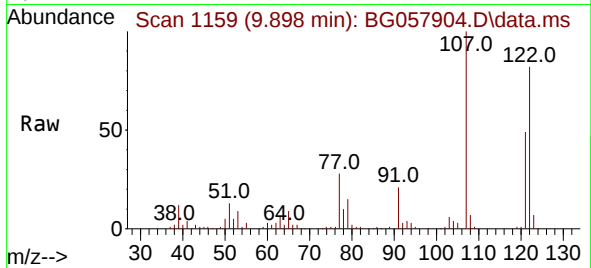
Tgt Ion:122 Resp: 135991

Ion Ratio Lower Upper

122 100

107 121.3 94.9 142.3

121 59.6 46.8 70.2



#28

bis(2-Chloroethoxy)methane

Concen: 41.555 ng

RT: 10.133 min Scan# 1199

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

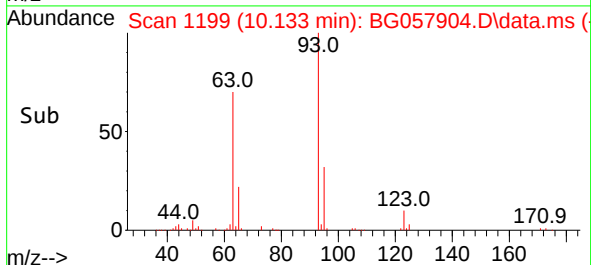
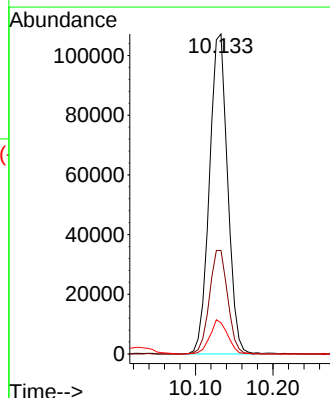
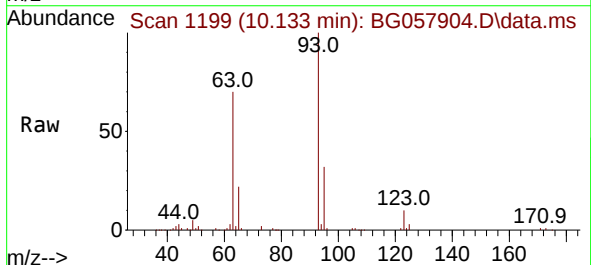
Tgt Ion: 93 Resp: 174606

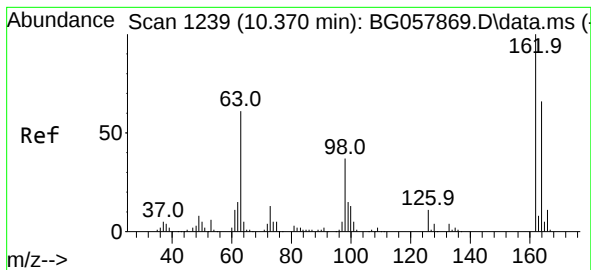
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 9.8 8.5 12.7

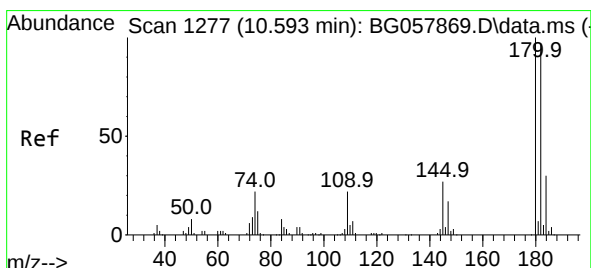
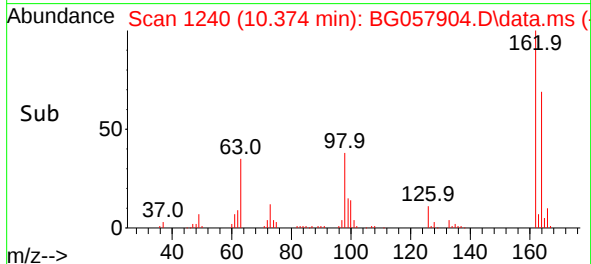
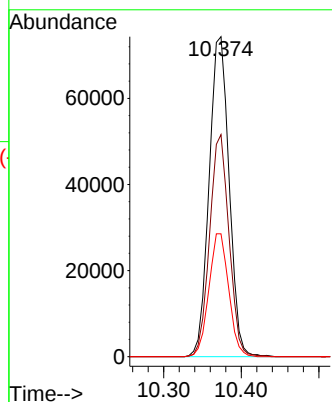
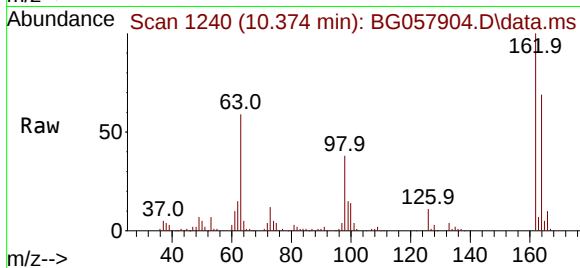




#29
2,4-Dichlorophenol
Concen: 47.483 ng
RT: 10.374 min Scan# 1239
Delta R.T. 0.004 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

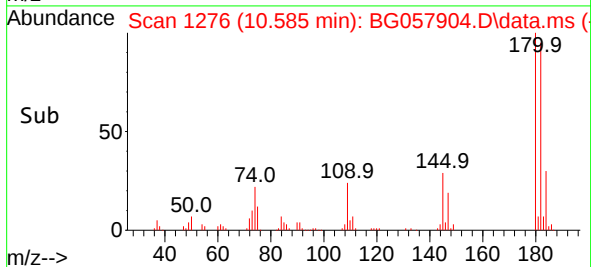
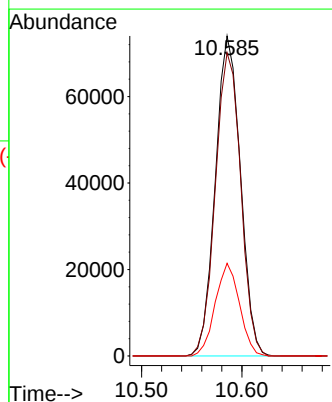
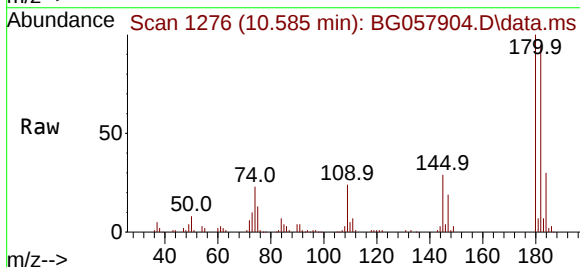
Instrument :
BNA_G
ClientSampleId :
PB153813BS

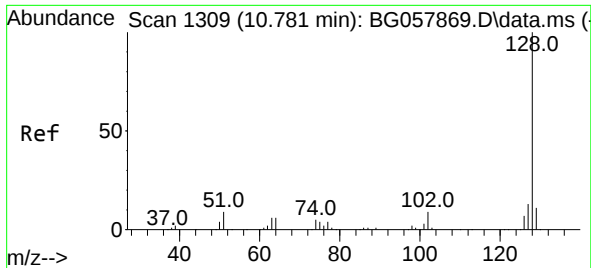
Tgt Ion:162 Resp: 132981
Ion Ratio Lower Upper
162 100
164 69.4 46.1 86.1
98 38.4 16.8 56.8



#30
1,2,4-Trichlorobenzene
Concen: 42.574 ng
RT: 10.585 min Scan# 1276
Delta R.T. -0.008 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:180 Resp: 128364
Ion Ratio Lower Upper
180 100
182 94.8 77.2 115.8
145 28.9 21.7 32.5

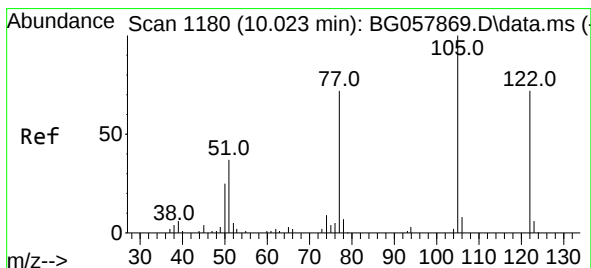
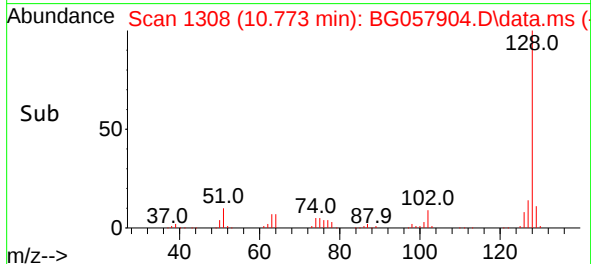
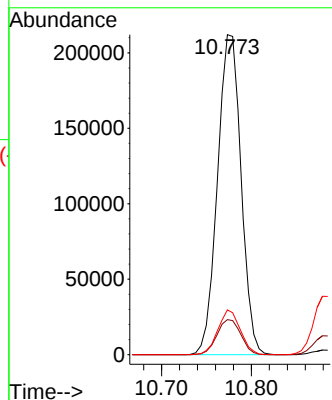
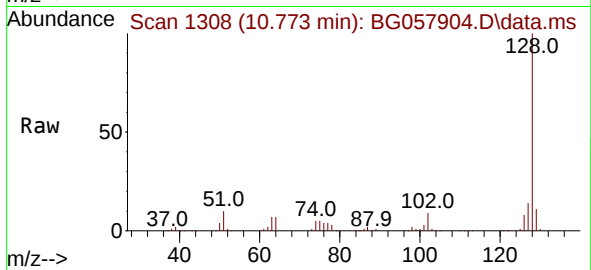




#31
Naphthalene
Concen: 40.824 ng
RT: 10.773 min Scan# 1182
Delta R.T. -0.008 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

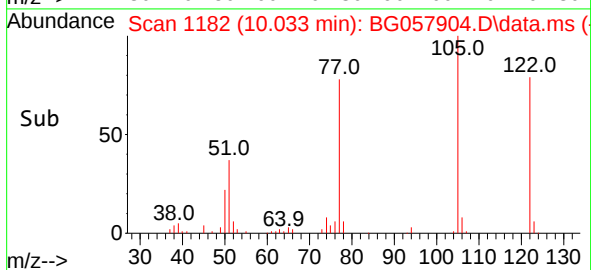
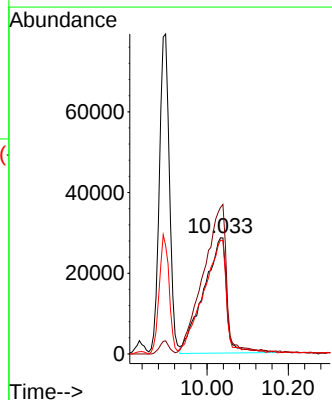
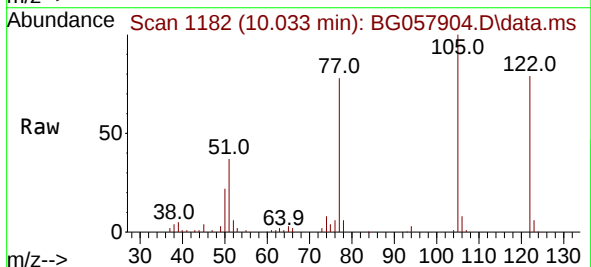
Instrument :
BNA_G
ClientSampleId :
PB153813BS

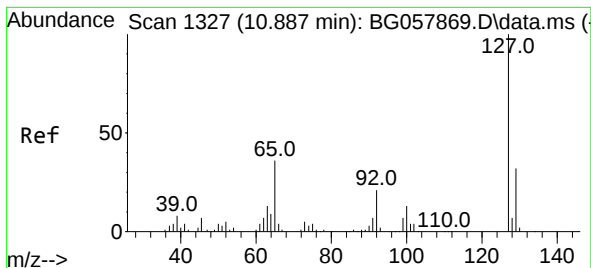
Tgt Ion:128 Resp: 386752
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 14.0 10.3 15.5



#32
Benzoic acid
Concen: 50.530 ng
RT: 10.033 min Scan# 1182
Delta R.T. 0.010 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:122 Resp: 112863
Ion Ratio Lower Upper
122 100
105 126.2 115.4 155.4
77 98.1 78.7 118.7

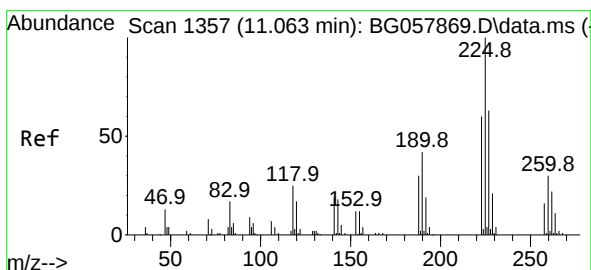
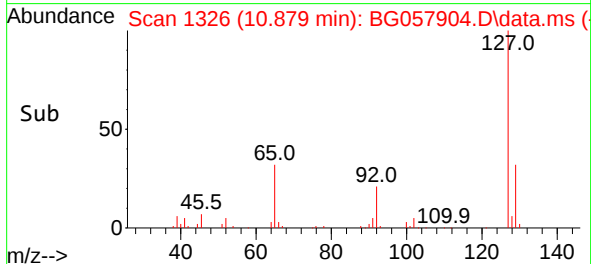
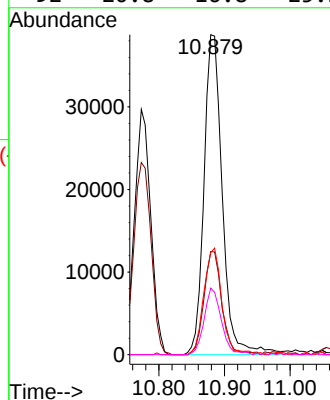
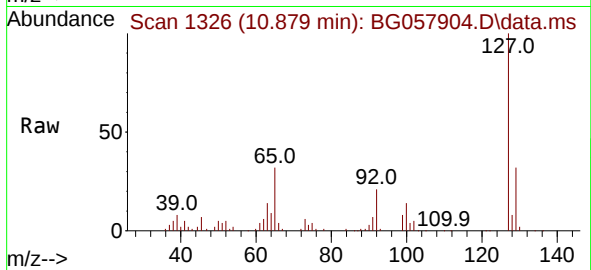




#33
4-Chloroaniline
Concen: 16.934 ng
RT: 10.879 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

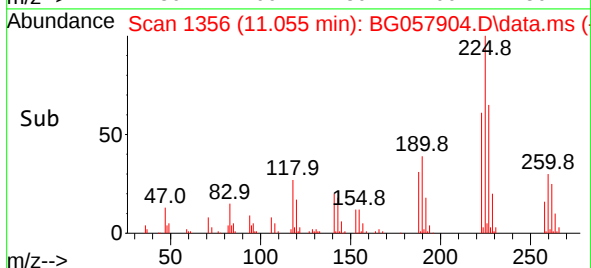
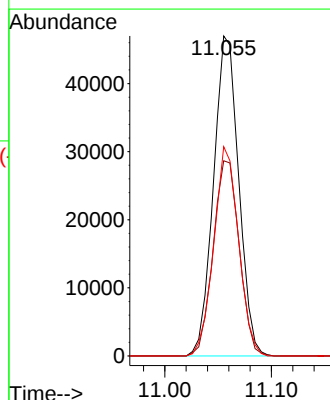
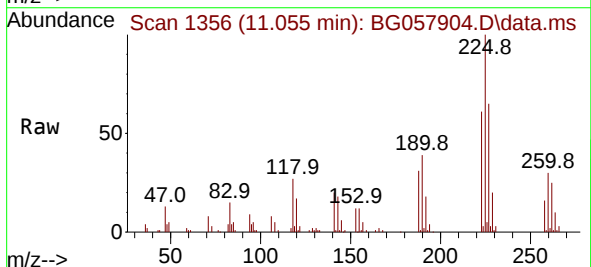
Instrument :
BNA_G
ClientSampleId :
PB153813BS

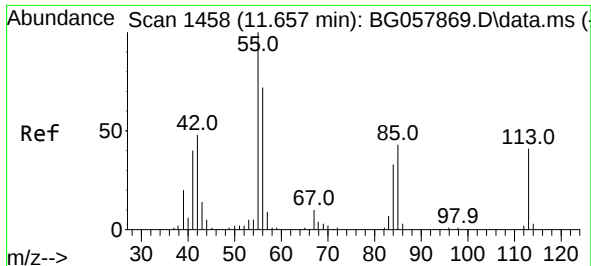
Tgt Ion:	127	Resp:	75480
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.8	38.6
65	31.9	28.7	43.1
92	20.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.496 ng
RT: 11.055 min Scan# 1356
Delta R.T. -0.008 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:	225	Resp:	77168
Ion Ratio	Lower	Upper	
225	100		
223	64.2	48.0	72.0
227	65.4	50.2	75.4

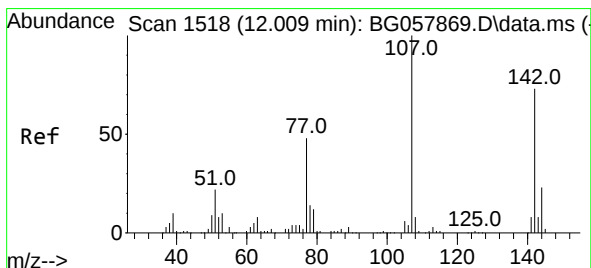
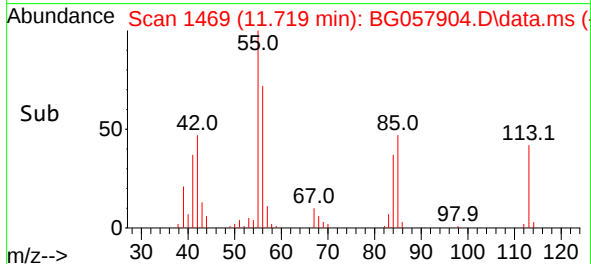
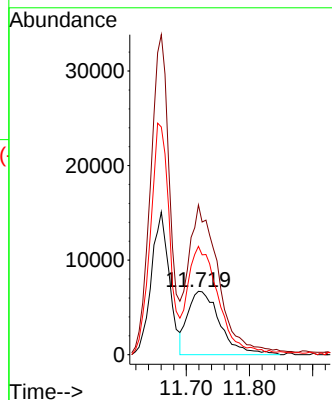
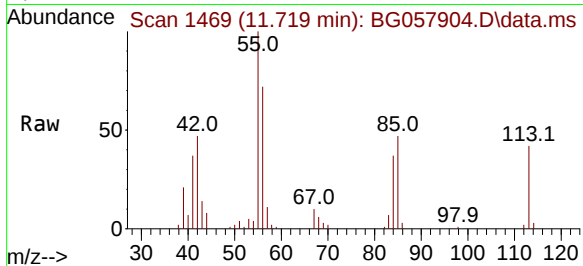




#35
 Caprolactam
 Concen: 19.553 ng
 RT: 11.719 min Scan# 1458
 Delta R.T. 0.063 min
 Lab File: BG057904.D
 Acq: 29 Jun 2023 14:38

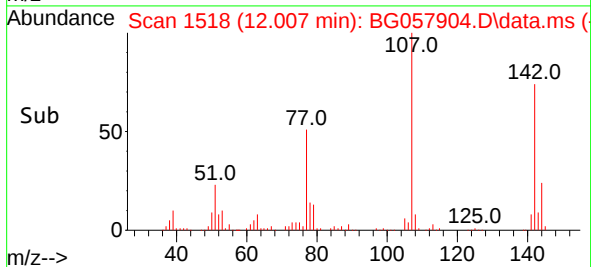
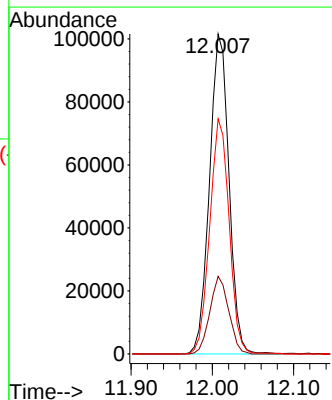
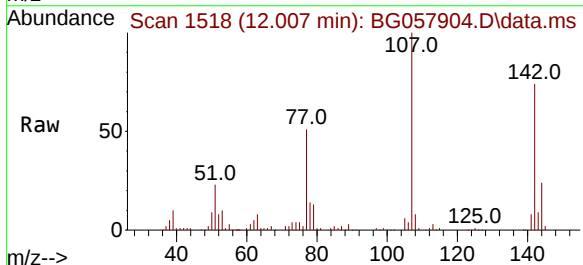
Instrument :
 BNA_G
 ClientSampleId :
 PB153813BS

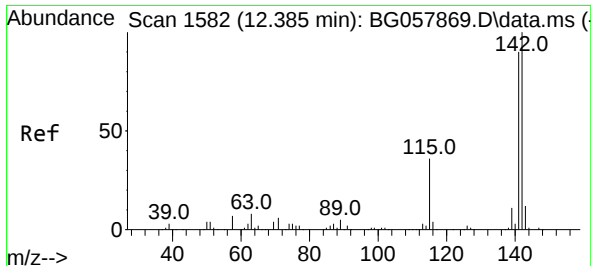
Tgt Ion:113 Resp: 23732
 Ion Ratio Lower Upper
 113 100
 55 236.6 224.7 264.7
 56 171.2 155.9 195.9



#36
 4-Chloro-3-methylphenol
 Concen: 45.405 ng
 RT: 12.007 min Scan# 1518
 Delta R.T. -0.002 min
 Lab File: BG057904.D
 Acq: 29 Jun 2023 14:38

Tgt Ion:107 Resp: 168825
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.2 27.4
 142 73.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 39.634 ng

RT: 12.383 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

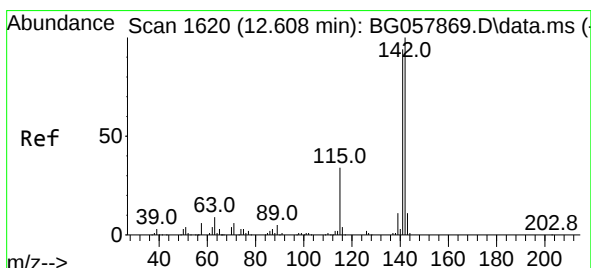
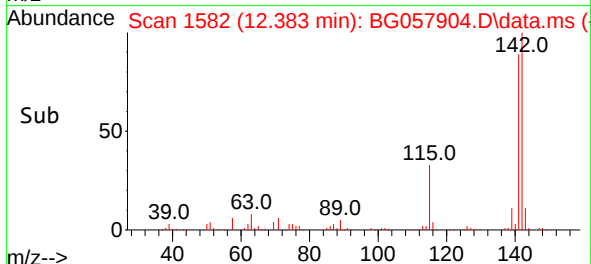
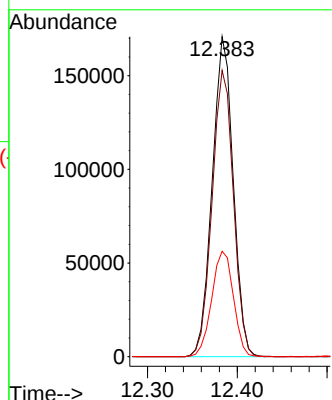
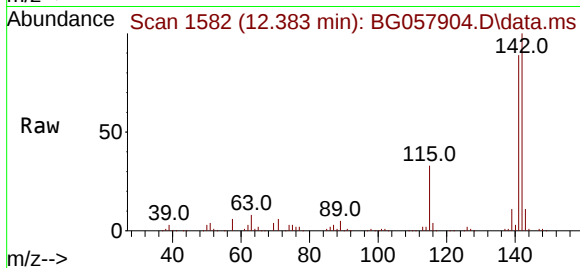
Tgt Ion:142 Resp: 276786

Ion Ratio Lower Upper

142 100

141 89.4 72.4 108.6

115 32.9 28.6 42.8



#38

1-Methylnaphthalene

Concen: 39.870 ng

RT: 12.601 min Scan# 1619

Delta R.T. -0.008 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

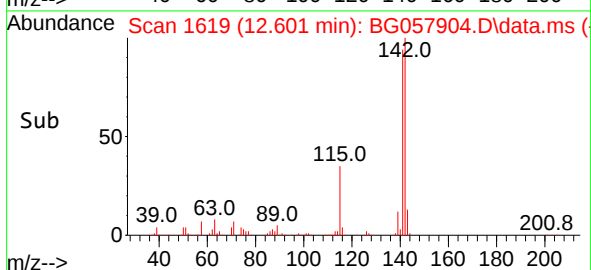
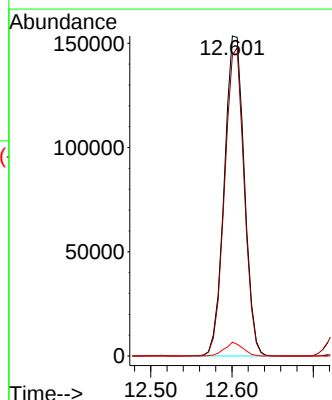
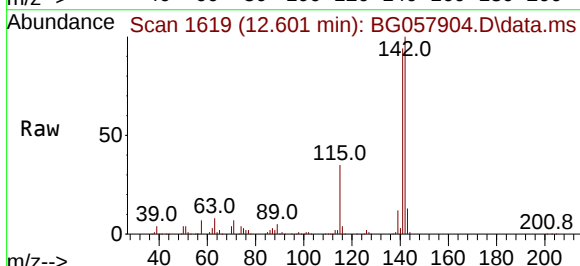
Tgt Ion:142 Resp: 263098

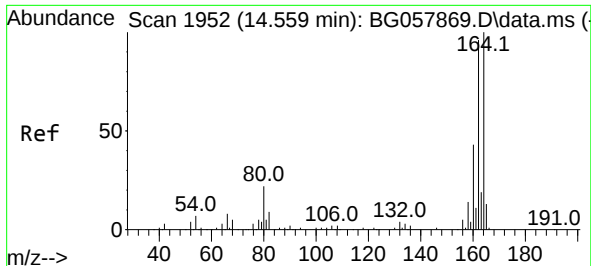
Ion Ratio Lower Upper

142 100

141 93.9 74.8 112.2

116 4.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

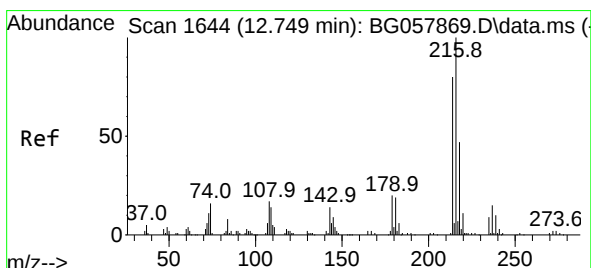
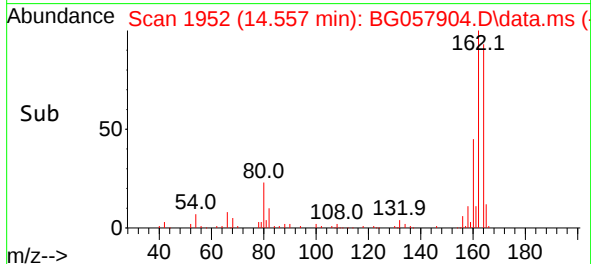
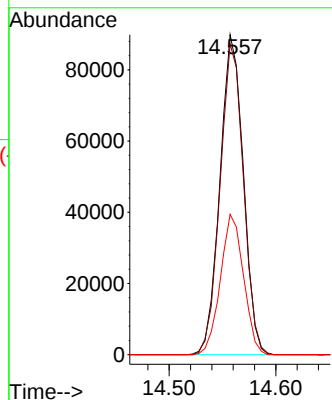
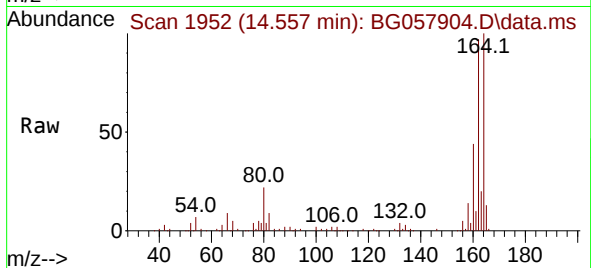
Tgt Ion:164 Resp: 136532

Ion Ratio Lower Upper

164 100

162 97.2 76.4 114.6

160 43.9 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.668 ng

RT: 12.753 min Scan# 1645

Delta R.T. 0.004 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Tgt Ion:216 Resp: 155342

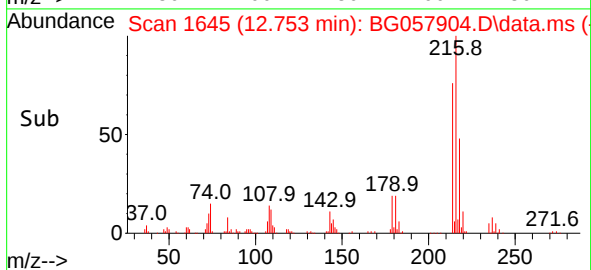
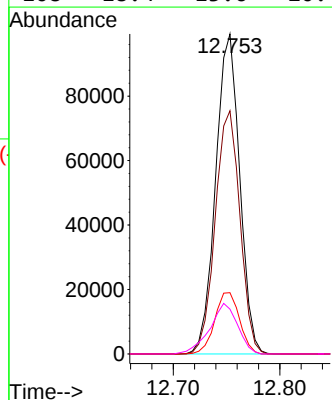
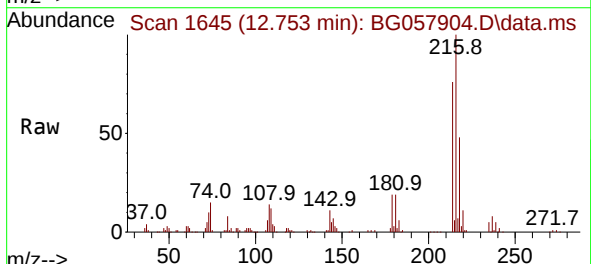
Ion Ratio Lower Upper

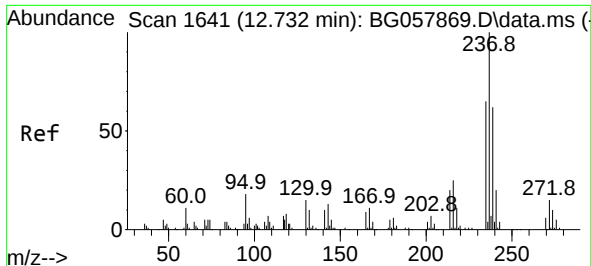
216 100

214 78.1 63.0 94.4

179 19.8 16.1 24.1

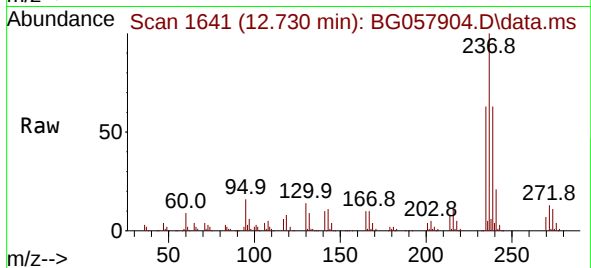
108 18.4 13.6 20.4



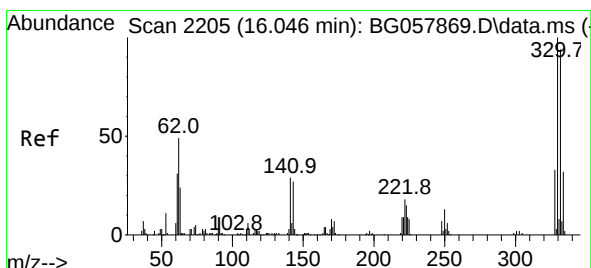
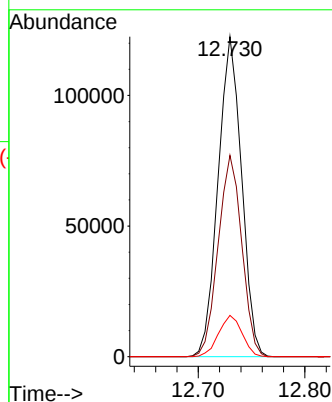
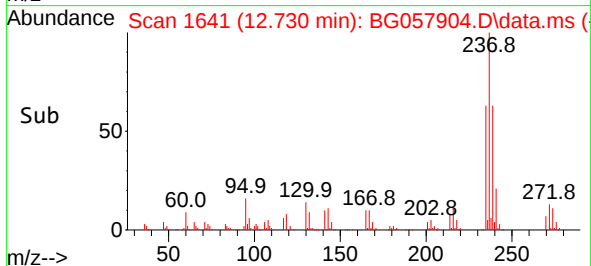


#41
Hexachlorocyclopentadiene
Concen: 91.169 ng
RT: 12.730 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

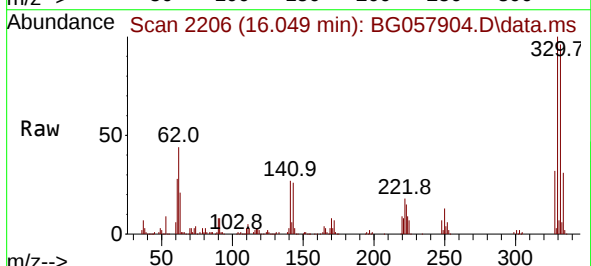
Instrument :
BNA_G
ClientSampleId :
PB153813BS



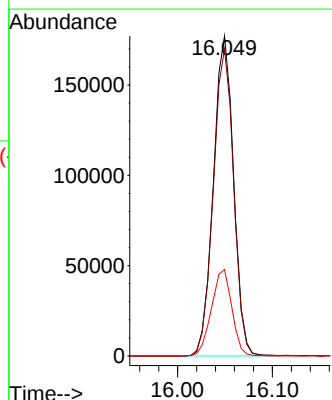
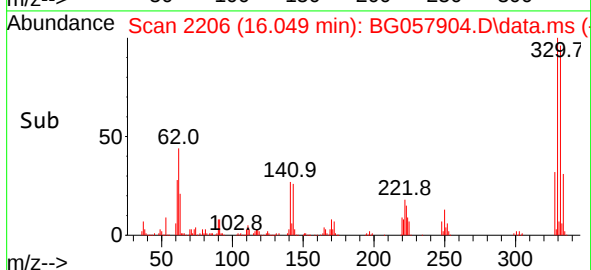
Tgt Ion:237 Resp: 187209
Ion Ratio Lower Upper
237 100
235 62.9 44.7 84.7
272 12.9 0.0 34.7

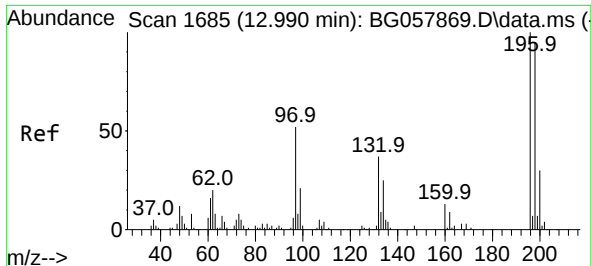


#42
2,4,6-Tribromophenol
Concen: 114.133 ng
RT: 16.049 min Scan# 2206
Delta R.T. 0.004 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38



Tgt Ion:330 Resp: 261728
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 27.3 22.2 33.4

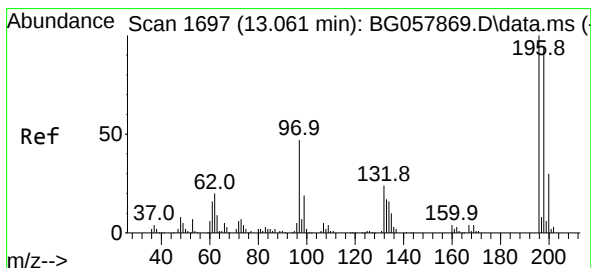
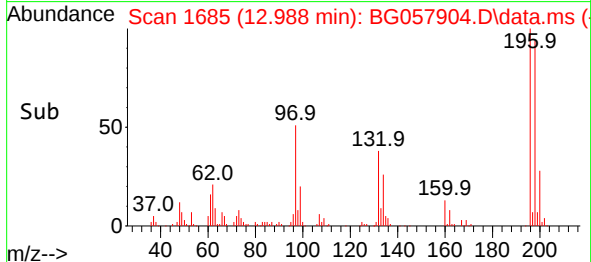
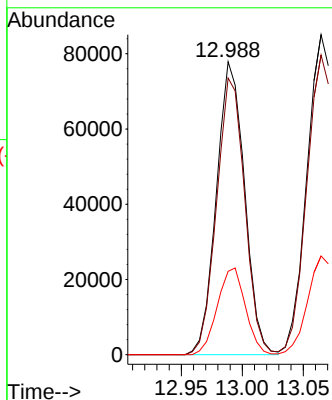
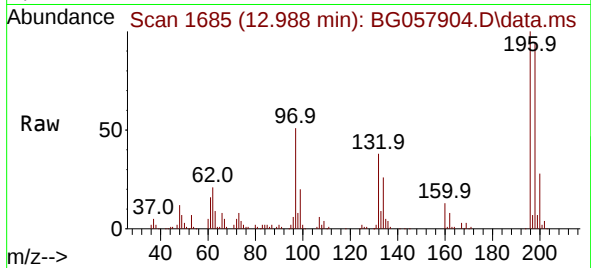




#43
 2,4,6-Trichlorophenol
 Concen: 44.483 ng
 RT: 12.988 min Scan# 1
 Delta R.T. -0.002 min
 Lab File: BG057904.D
 Acq: 29 Jun 2023 14:38

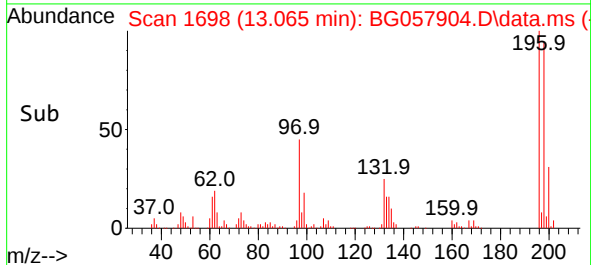
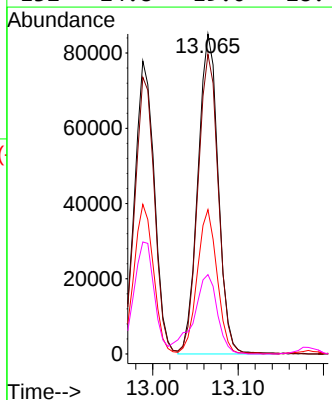
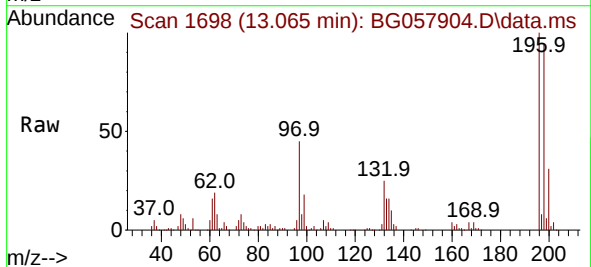
Instrument :
 BNA_G
 ClientSampleId :
 PB153813BS

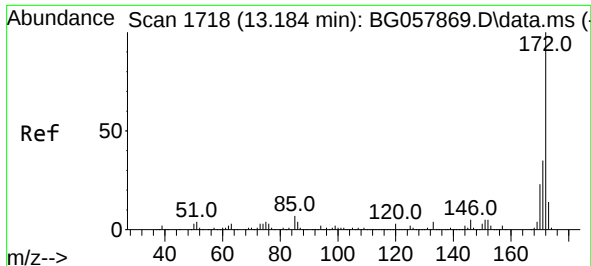
Tgt Ion:196 Resp: 125250
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 28.4 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.035 ng
 RT: 13.065 min Scan# 1698
 Delta R.T. 0.004 min
 Lab File: BG057904.D
 Acq: 29 Jun 2023 14:38

Tgt Ion:196 Resp: 140867
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.4 113.0
 97 45.1 37.6 56.4
 132 24.8 19.0 28.4

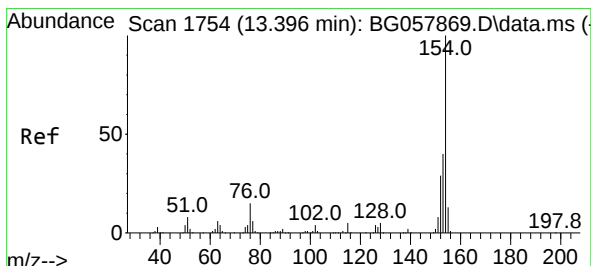
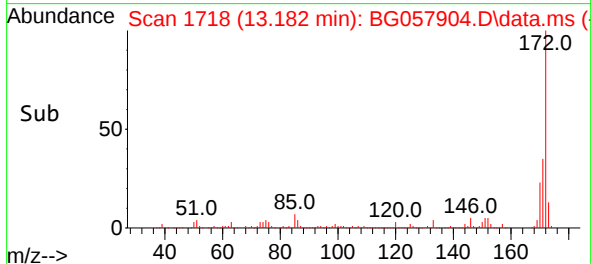
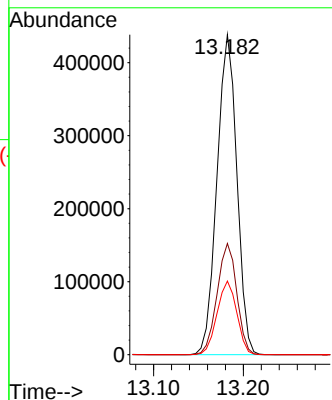
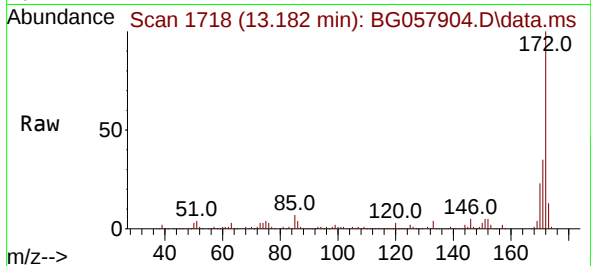




#45
2-Fluorobiphenyl
Concen: 75.307 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

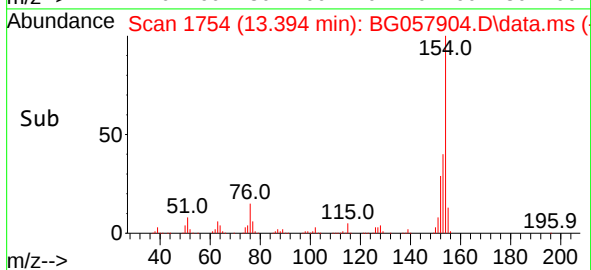
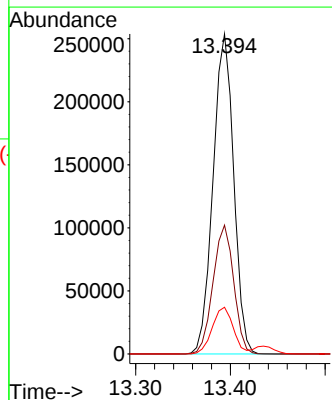
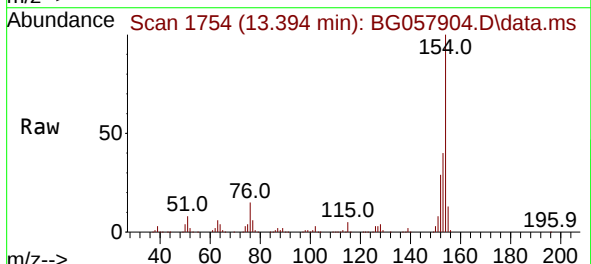
Instrument :
BNA_G
ClientSampleId :
PB153813BS

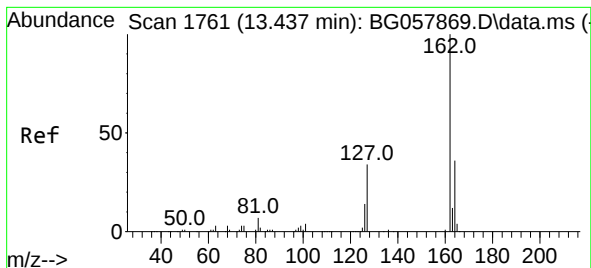
Tgt Ion:172 Resp: 673758
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 41.180 ng
RT: 13.394 min Scan# 1754
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:154 Resp: 382955
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 14.6 0.0 34.7





#47

2-Chloronaphthalene

Concen: 41.417 ng

RT: 13.435 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

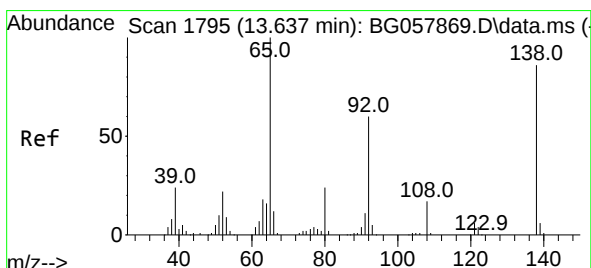
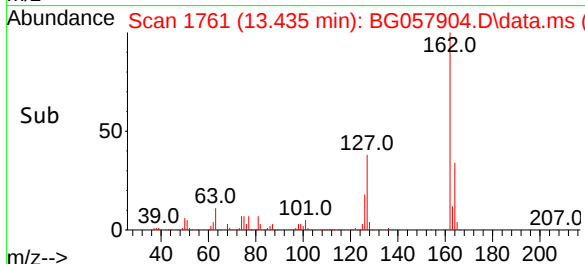
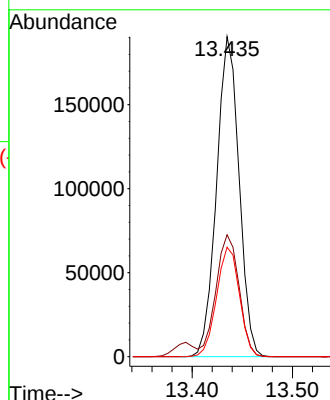
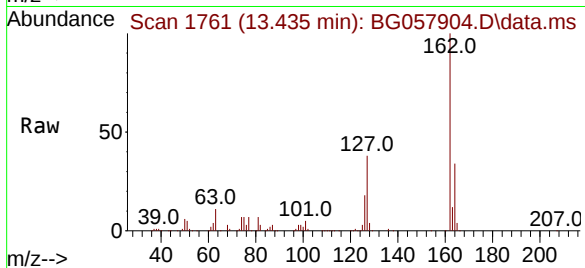
Tgt Ion:162 Resp: 295794

Ion Ratio Lower Upper

162 100

127 38.1 30.2 45.4

164 34.2 28.6 43.0



#48

2-Nitroaniline

Concen: 43.135 ng

RT: 13.640 min Scan# 1796

Delta R.T. 0.004 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

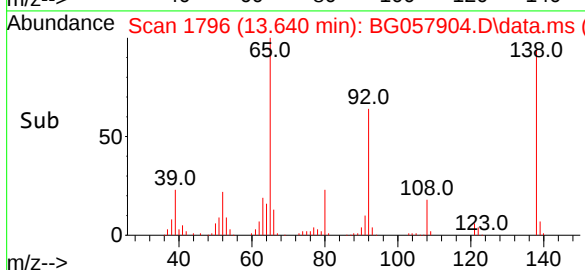
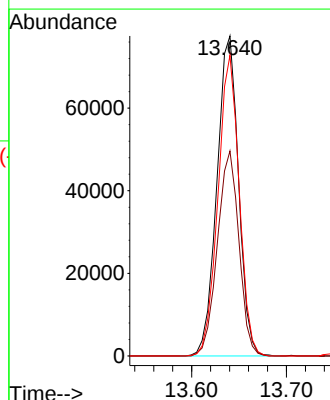
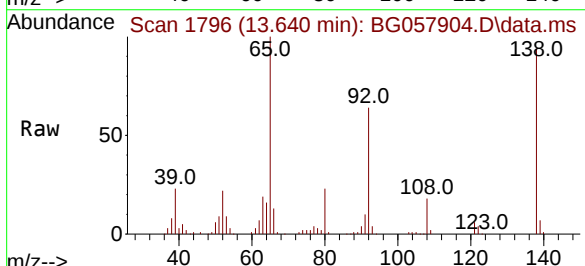
Tgt Ion: 65 Resp: 122747

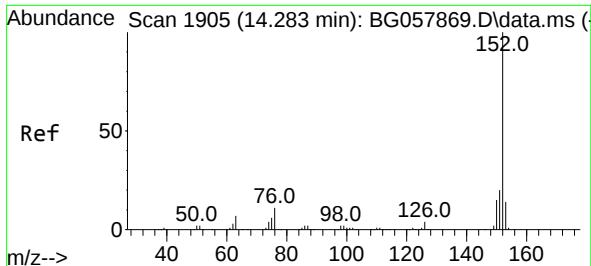
Ion Ratio Lower Upper

65 100

92 64.1 48.3 72.5

138 93.9 69.1 103.7

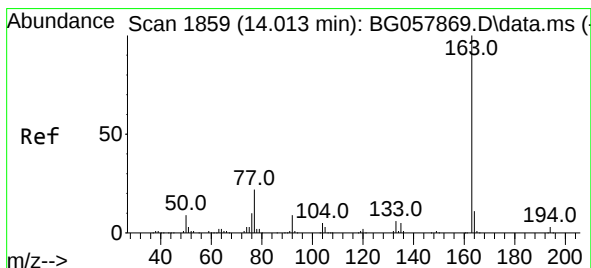
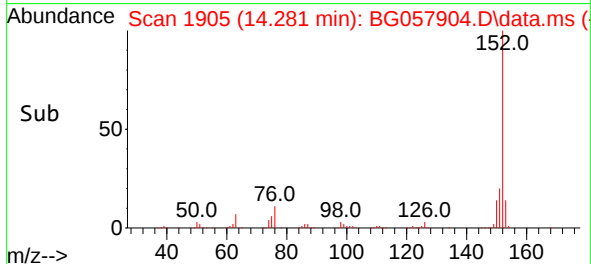
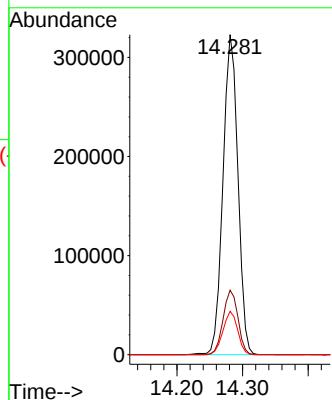
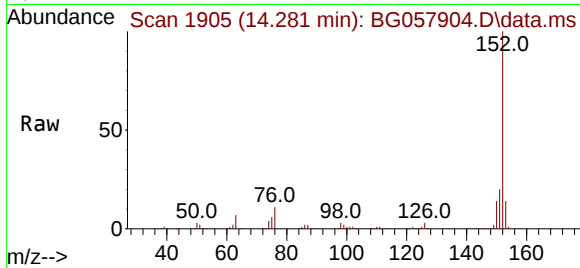




#49
Acenaphthylene
Concen: 40.572 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

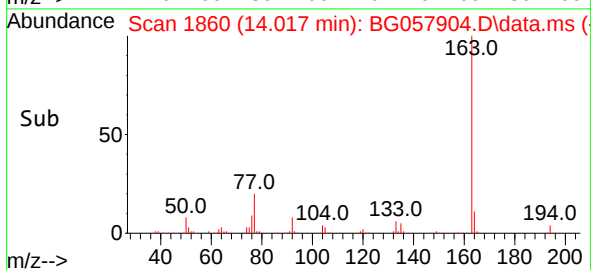
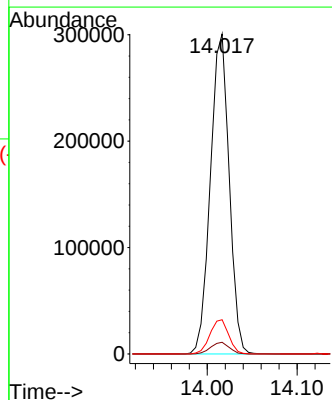
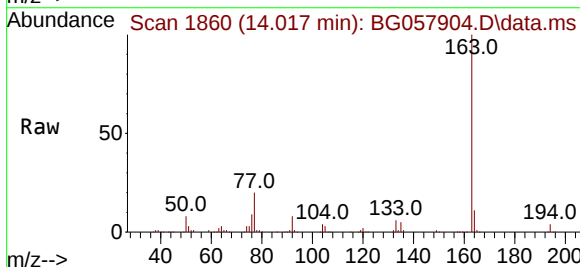
Instrument :
BNA_G
ClientSampleId :
PB153813BS

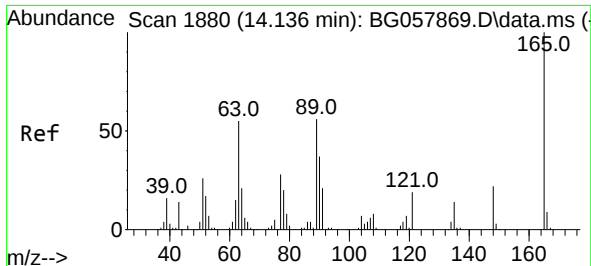
Tgt Ion:152 Resp: 508155
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.5 10.8 16.2



#50
Dimethylphthalate
Concen: 40.316 ng
RT: 14.017 min Scan# 1860
Delta R.T. 0.004 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:163 Resp: 436277
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.7 8.9 13.3

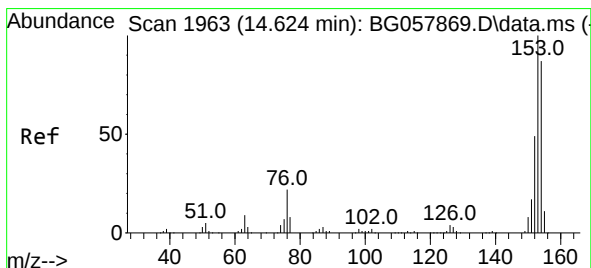
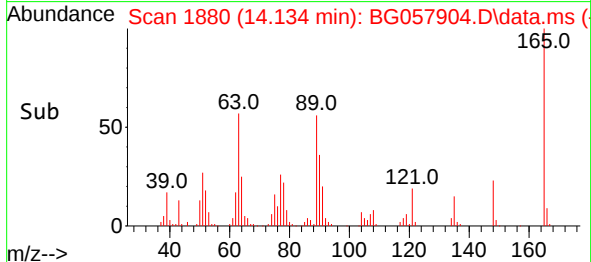
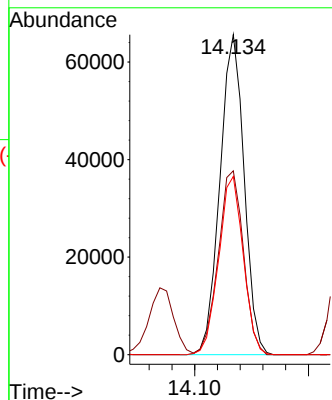
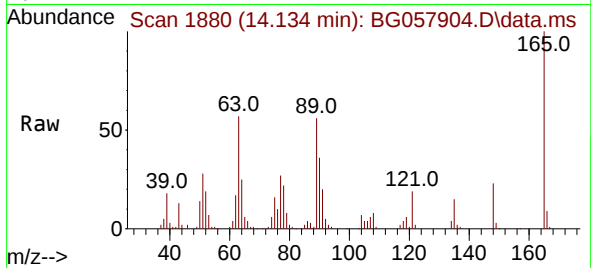




#51
2,6-Dinitrotoluene
Concen: 43.145 ng
RT: 14.134 min Scan# 1880
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

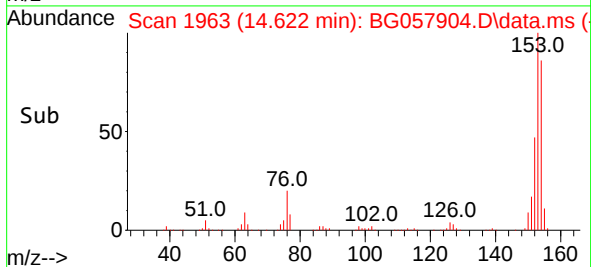
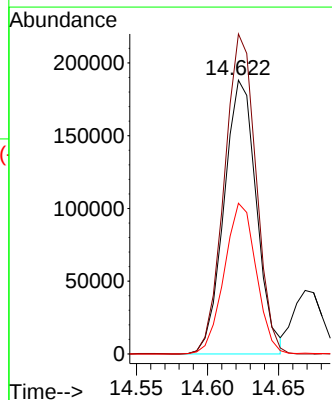
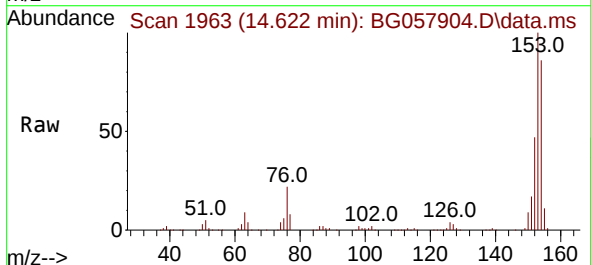
Instrument :
BNA_G
ClientSampleId :
PB153813BS

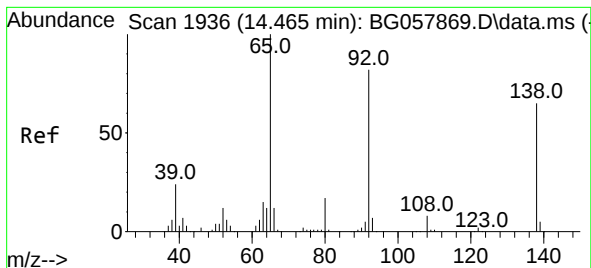
Tgt Ion:165 Resp: 96939
Ion Ratio Lower Upper
165 100
63 57.5 46.4 69.6
89 55.7 45.0 67.6



#52
Acenaphthene
Concen: 40.824 ng
RT: 14.622 min Scan# 1963
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:154 Resp: 298694
Ion Ratio Lower Upper
154 100
153 116.9 91.5 137.3
152 55.1 44.6 67.0

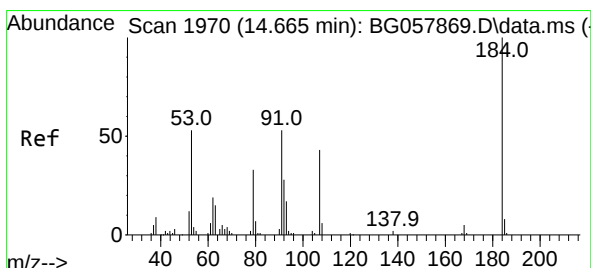
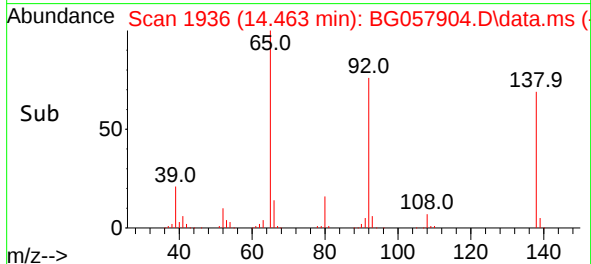
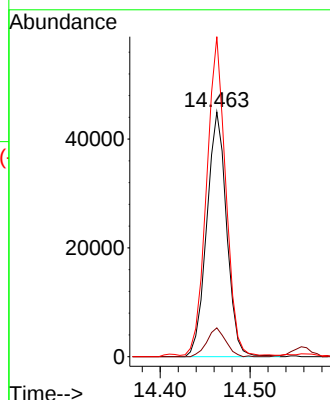
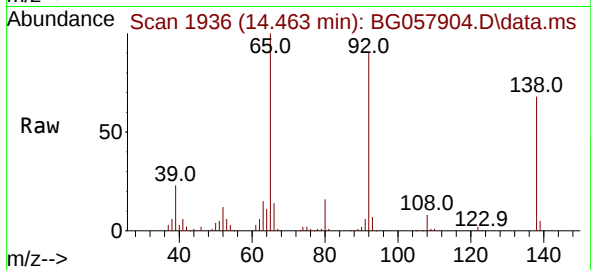




#53
3-Nitroaniline
Concen: 27.043 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

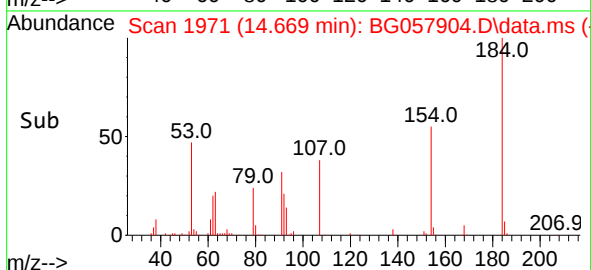
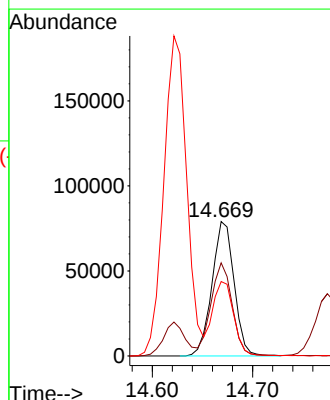
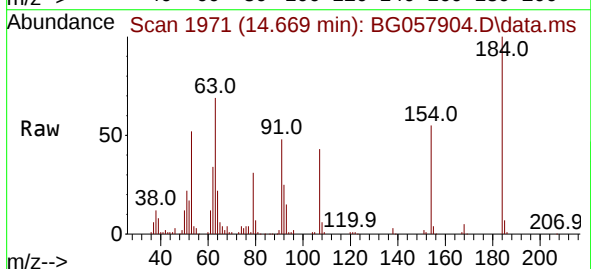
Instrument :
BNA_G
ClientSampleId :
PB153813BS

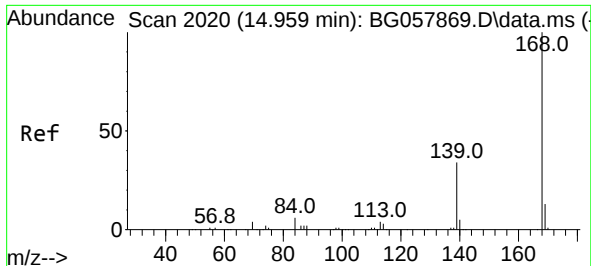
Tgt Ion:138 Resp: 69074
Ion Ratio Lower Upper
138 100
108 11.8 9.8 14.6
92 130.8 101.7 152.5



#54
2,4-Dinitrophenol
Concen: 97.521 ng
RT: 14.669 min Scan# 1971
Delta R.T. 0.004 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:184 Resp: 121053
Ion Ratio Lower Upper
184 100
63 69.3 57.8 86.6
154 55.3 45.9 68.9

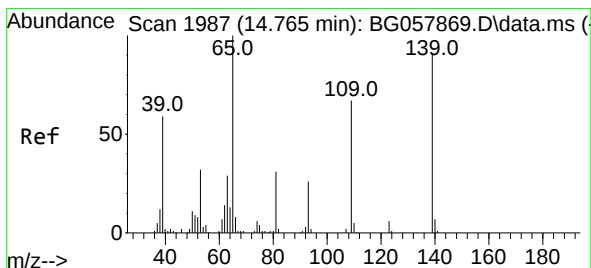
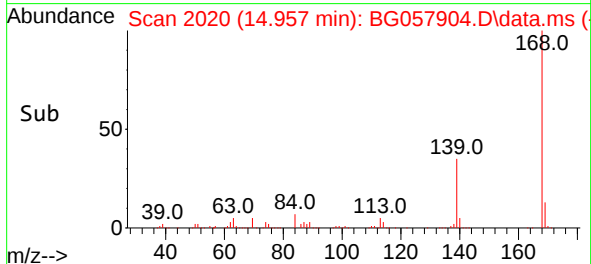
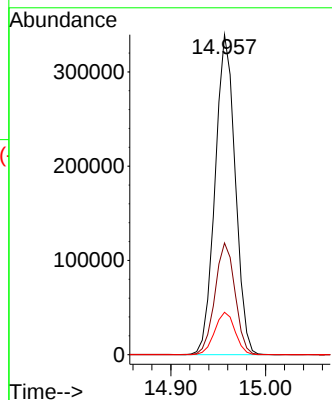
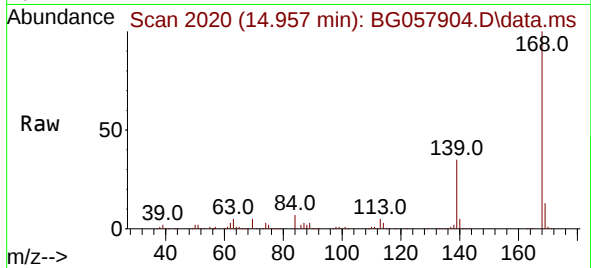




#55
Dibenzofuran
Concen: 39.879 ng
RT: 14.957 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

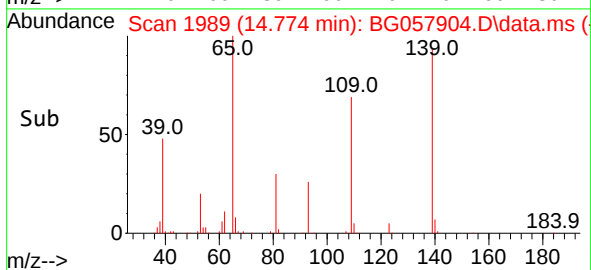
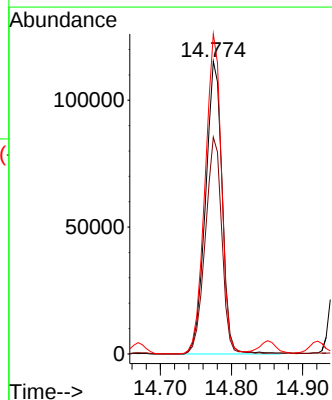
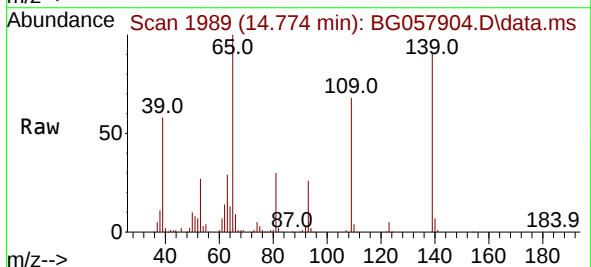
Instrument :
BNA_G
ClientSampleId :
PB153813BS

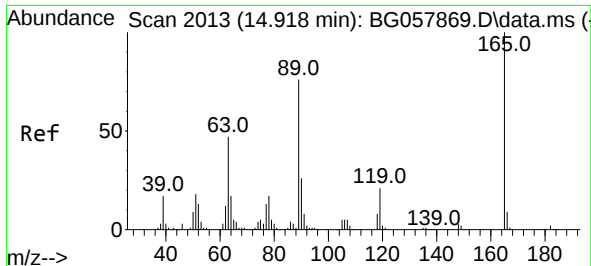
Tgt Ion:168 Resp: 500471
Ion Ratio Lower Upper
168 100
139 34.9 27.3 40.9
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 89.717 ng
RT: 14.774 min Scan# 1989
Delta R.T. 0.010 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:139 Resp: 187880
Ion Ratio Lower Upper
139 100
109 74.1 53.7 93.7
65 109.4 89.9 129.9

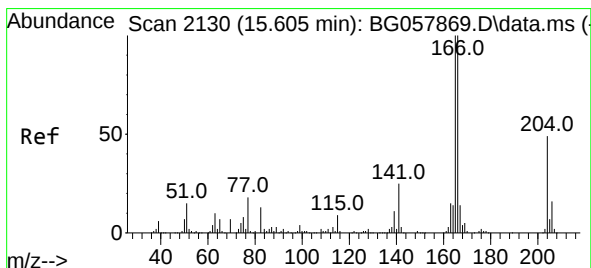
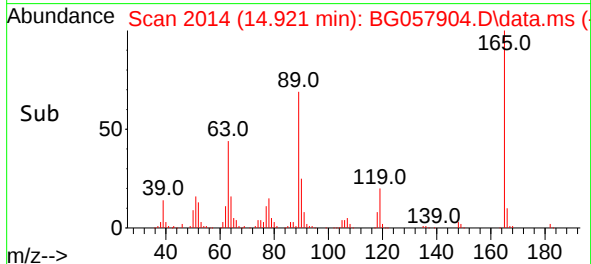
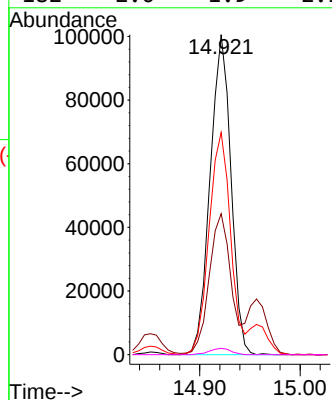
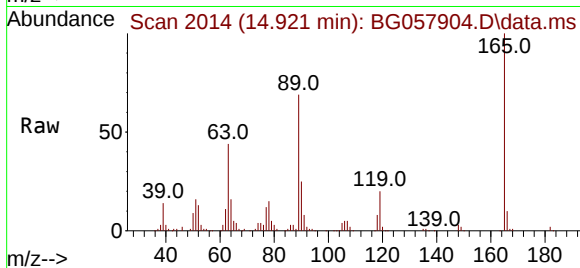




#57
2,4-Dinitrotoluene
Concen: 44.385 ng
RT: 14.921 min Scan# 2014
Delta R.T. 0.004 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

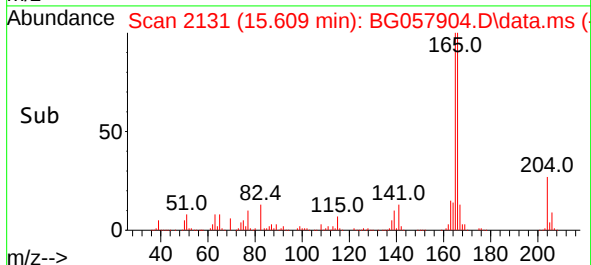
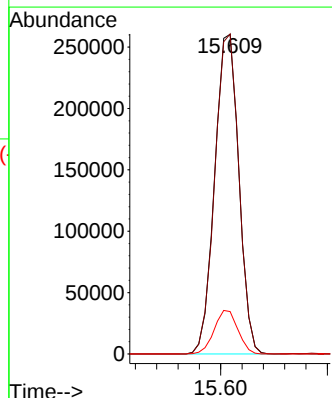
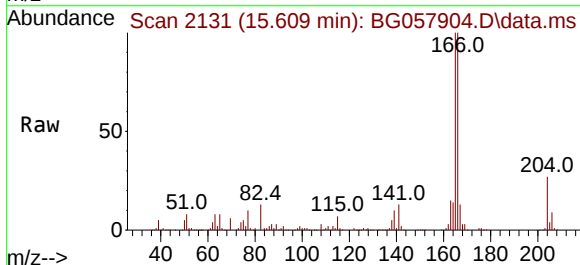
Instrument :
BNA_G
ClientSampleId :
PB153813BS

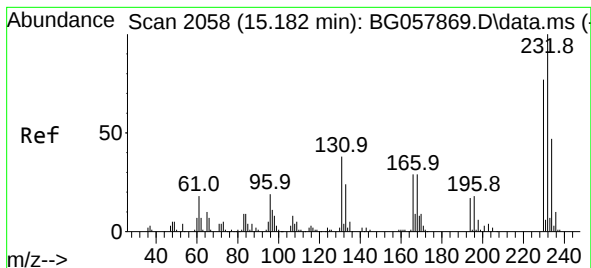
Tgt Ion:165 Resp: 144705
Ion Ratio Lower Upper
165 100
63 44.1 37.6 56.4
89 69.4 61.0 91.4
182 2.0 1.9 2.9



#58
Fluorene
Concen: 40.327 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.004 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:166 Resp: 408483
Ion Ratio Lower Upper
166 100
165 100.1 80.0 120.0
167 13.3 11.0 16.4

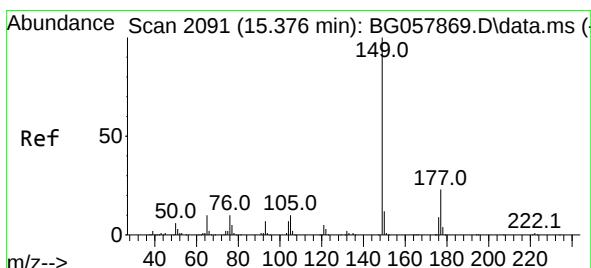
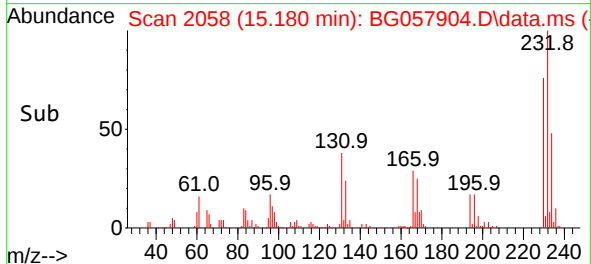
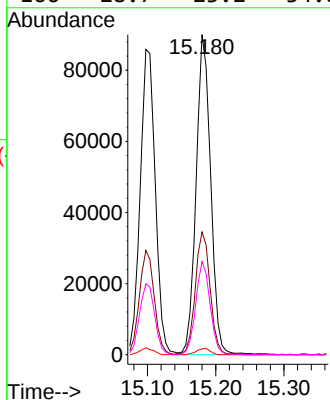
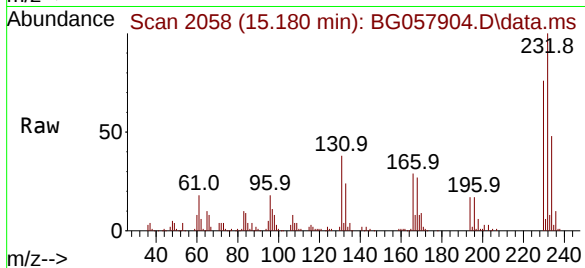




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.008 ng
RT: 15.180 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

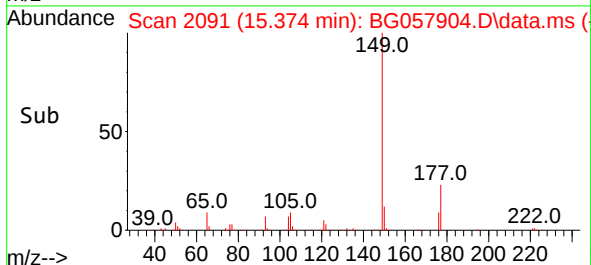
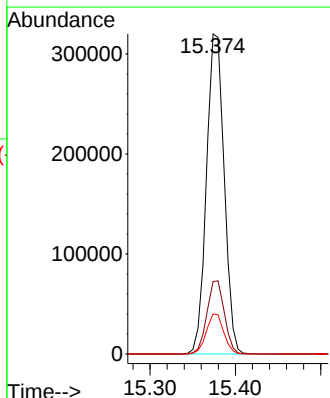
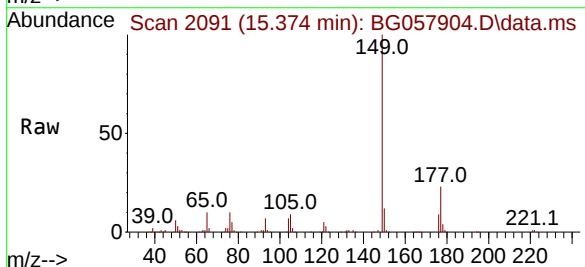
Instrument :
BNA_G
ClientSampleId :
PB153813BS

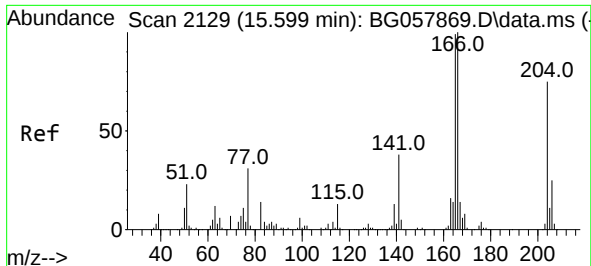
Tgt Ion:232 Resp: 133694
Ion Ratio Lower Upper
232 100
131 38.9 31.2 46.8
130 1.8 1.6 2.4
166 28.7 23.2 34.8



#60
Diethylphthalate
Concen: 40.446 ng
RT: 15.374 min Scan# 2091
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:149 Resp: 461364
Ion Ratio Lower Upper
149 100
177 22.6 18.2 27.4
150 12.5 9.9 14.9

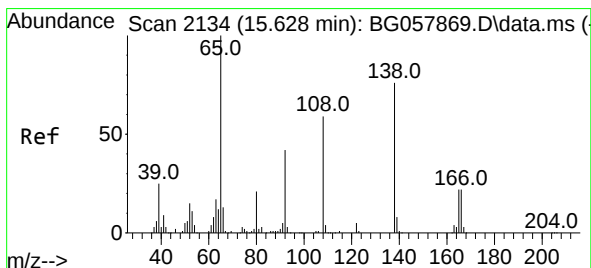
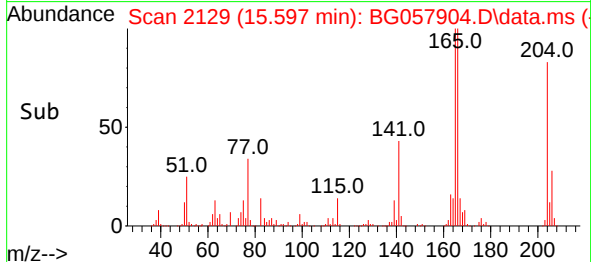
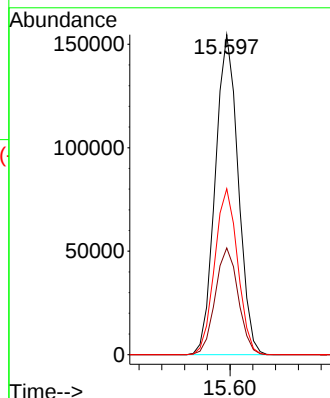
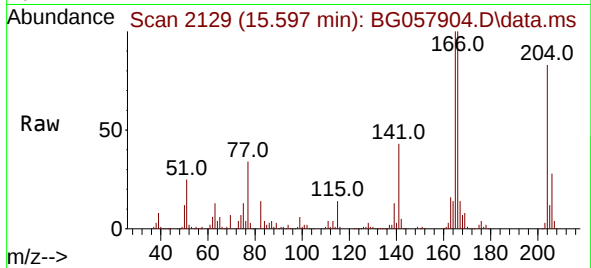




#61
4-Chlorophenyl-phenylether
Concen: 39.790 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

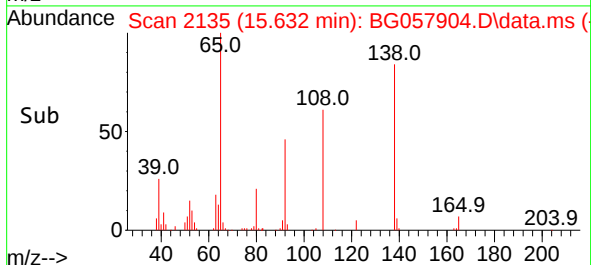
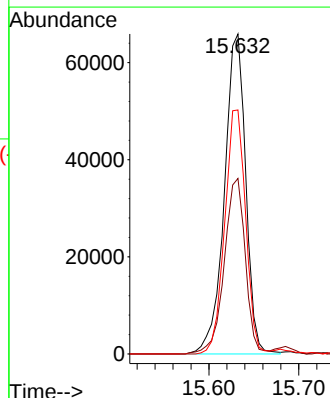
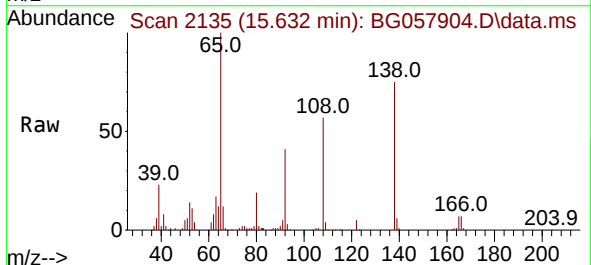
Instrument :
BNA_G
ClientSampleId :
PB153813BS

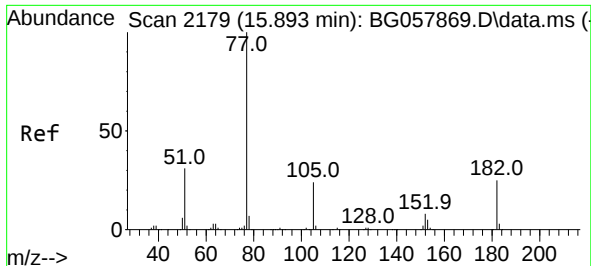
Tgt Ion:204 Resp: 216182
Ion Ratio Lower Upper
204 100
206 33.3 26.6 39.8
141 51.9 40.6 60.8



#62
4-Nitroaniline
Concen: 40.556 ng
RT: 15.632 min Scan# 2135
Delta R.T. 0.004 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:138 Resp: 108661
Ion Ratio Lower Upper
138 100
92 54.9 35.2 75.2
108 76.3 57.8 97.8

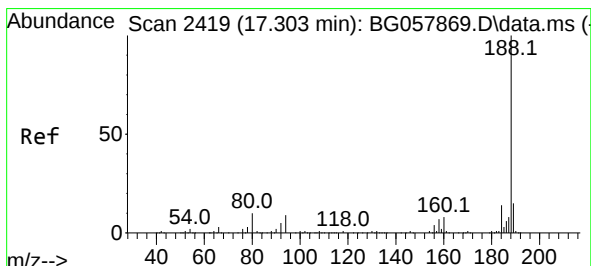
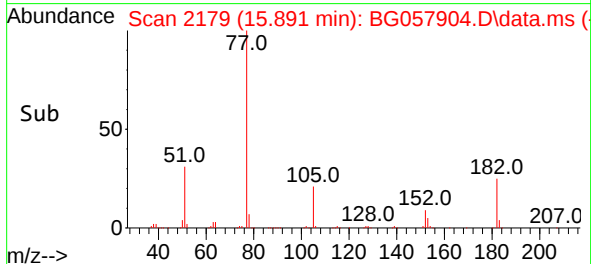
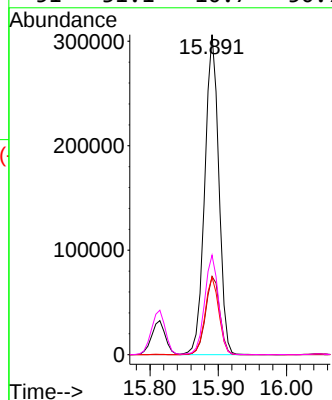
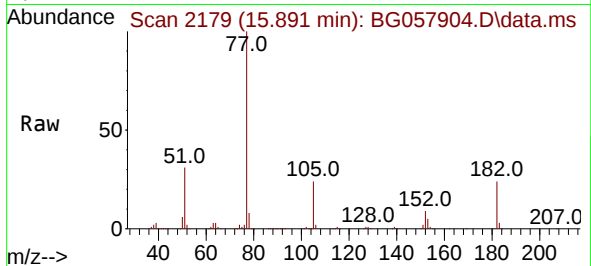




#63
Azobenzene
Concen: 40.172 ng
RT: 15.891 min Scan# 2179
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

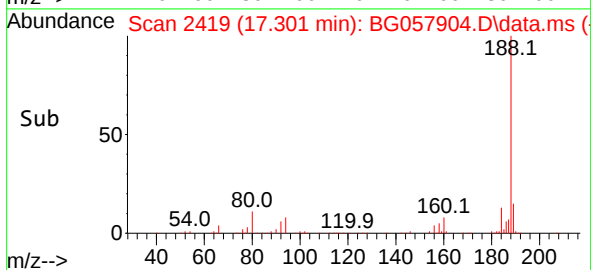
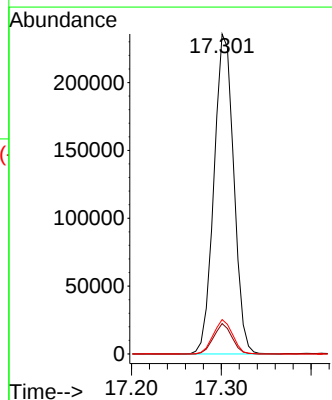
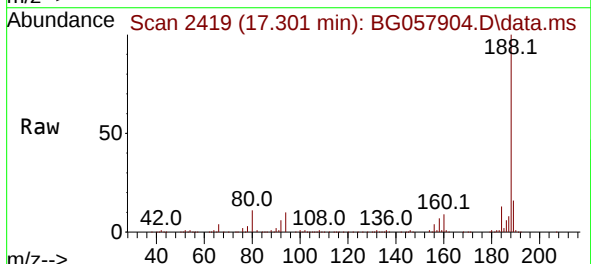
Instrument :
BNA_G
ClientSampleId :
PB153813BS

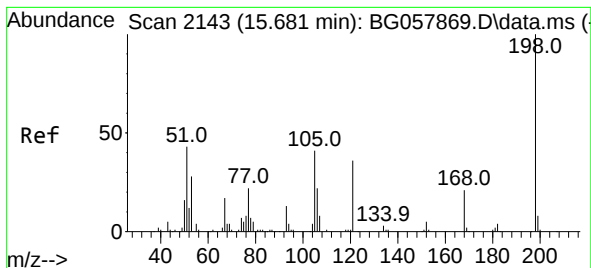
Tgt Ion: 77	Resp: 438204
Ion Ratio	Lower Upper
77 100	
182 24.5	5.1 45.1
105 24.2	3.9 43.9
51 31.1	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:188	Resp: 360811		
Ion Ratio	Lower	Upper	
188 100			
94 9.5	7.2	10.8	
80 10.7	8.4	12.6	

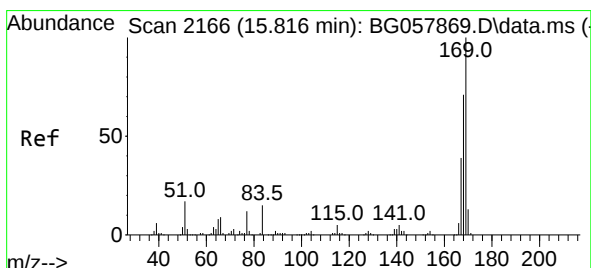
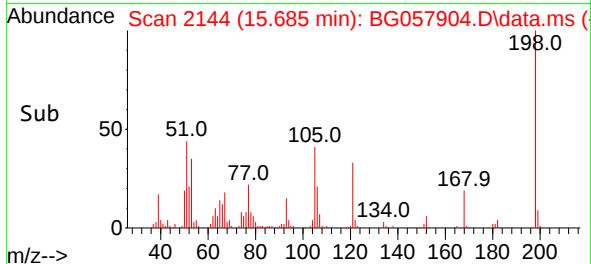
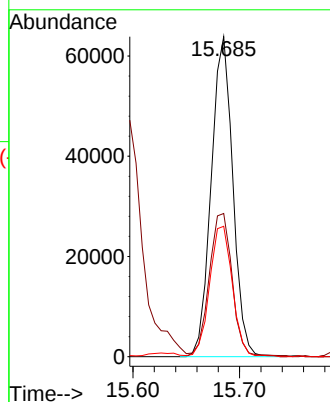
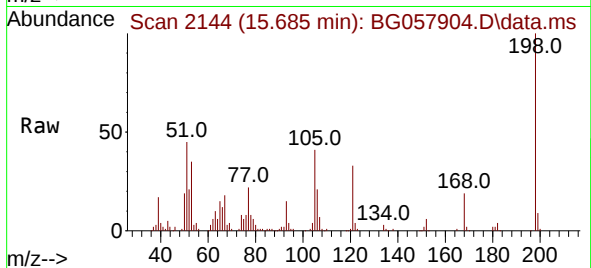




#65
4,6-Dinitro-2-methylphenol
Concen: 46.223 ng
RT: 15.685 min Scan# 2143
Delta R.T. 0.004 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

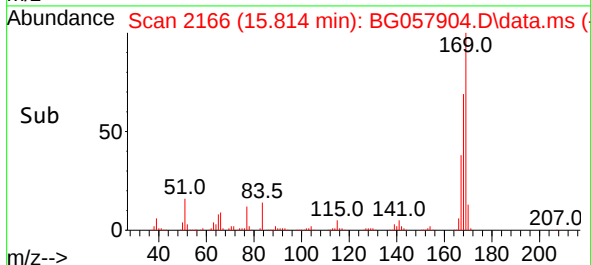
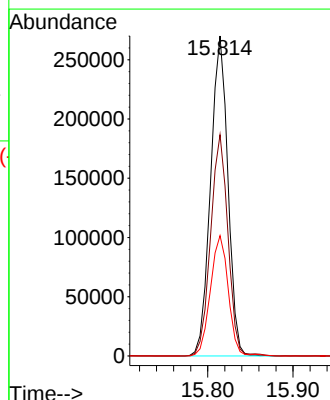
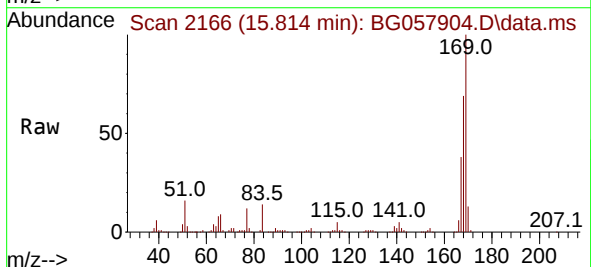
Instrument :
BNA_G
ClientSampleId :
PB153813BS

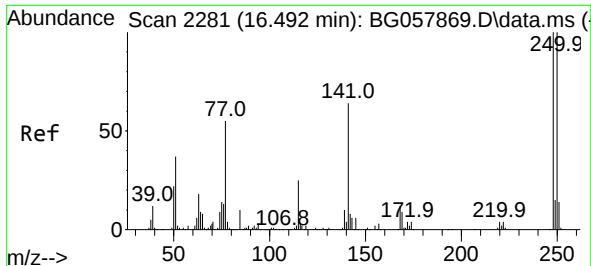
Tgt Ion:198 Resp: 89748
Ion Ratio Lower Upper
198 100
51 44.8 27.2 67.2
105 40.7 22.3 62.3



#66
n-Nitrosodiphenylamine
Concen: 41.272 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:169 Resp: 380033
Ion Ratio Lower Upper
169 100
168 69.1 56.6 85.0
167 37.6 31.1 46.7

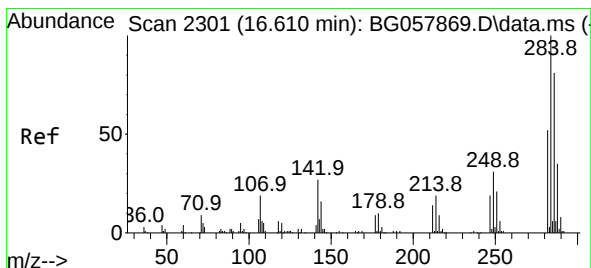
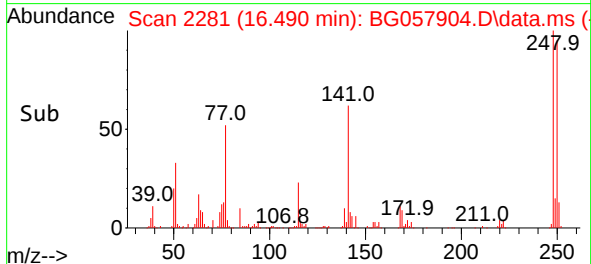
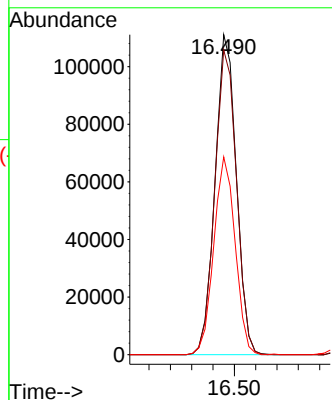
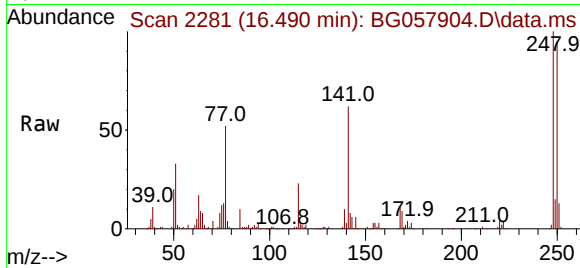




#67
4-Bromophenyl-phenylether
Concen: 40.327 ng
RT: 16.490 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

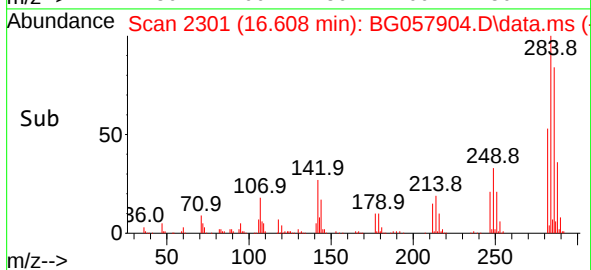
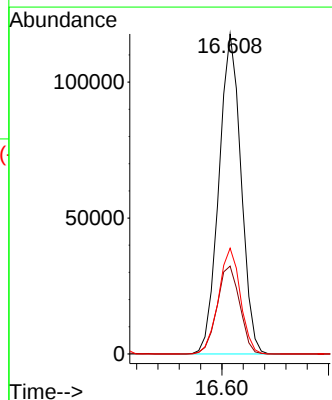
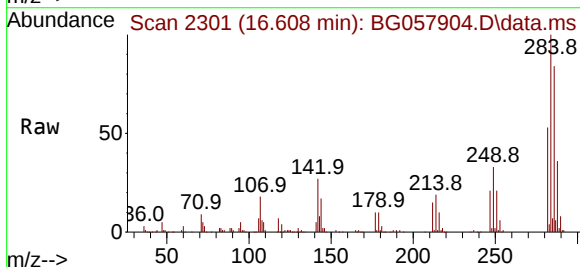
Instrument :
BNA_G
ClientSampleId :
PB153813BS

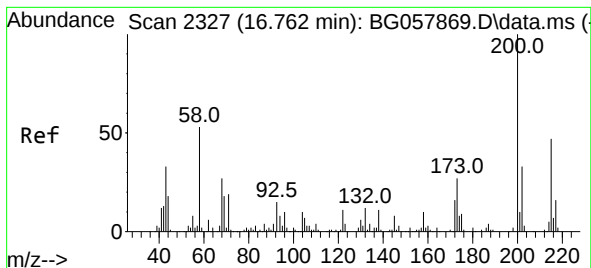
Tgt Ion:248 Resp: 153593
Ion Ratio Lower Upper
248 100
250 95.2 79.7 119.5
141 61.8 50.8 76.2



#68
Hexachlorobenzene
Concen: 42.074 ng
RT: 16.608 min Scan# 2301
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:284 Resp: 169221
Ion Ratio Lower Upper
284 100
142 27.5 21.4 32.0
249 33.0 24.9 37.3





#69

Atrazine

Concen: 43.294 ng

RT: 16.760 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

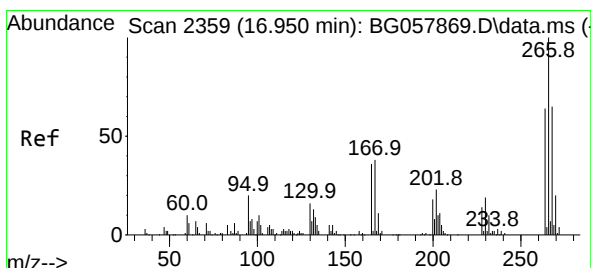
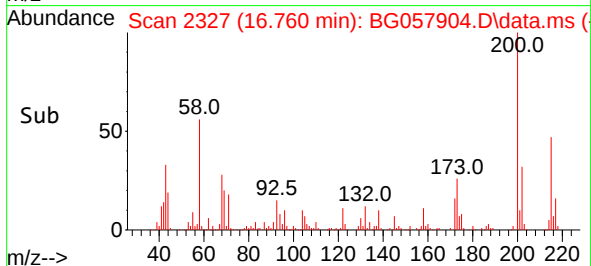
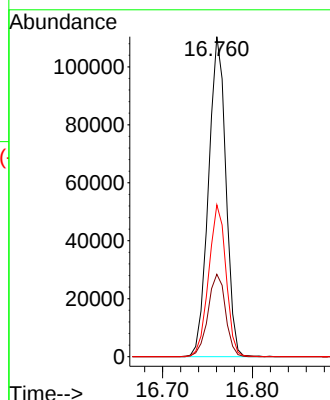
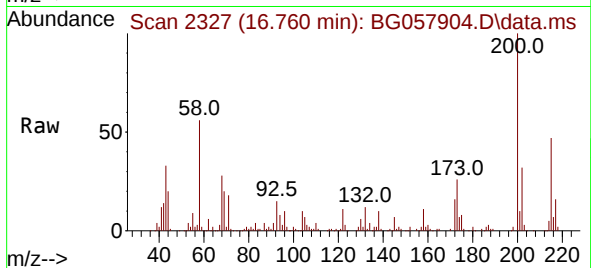
Tgt Ion:200 Resp: 148050

Ion Ratio Lower Upper

200 100

173 25.8 7.2 47.2

215 47.4 26.9 66.9



#70

Pentachlorophenol

Concen: 77.294 ng

RT: 16.954 min Scan# 2360

Delta R.T. 0.004 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

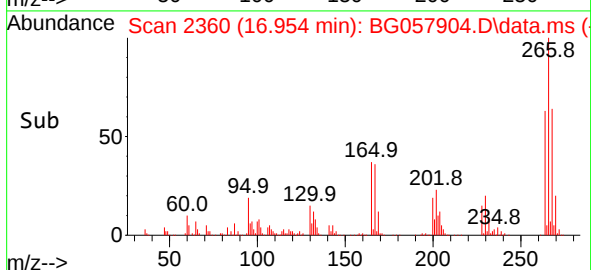
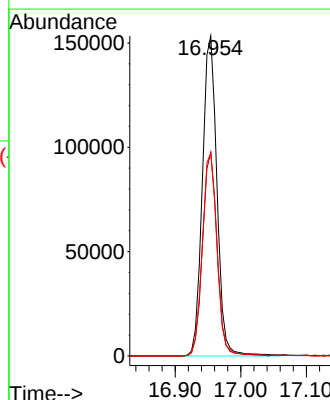
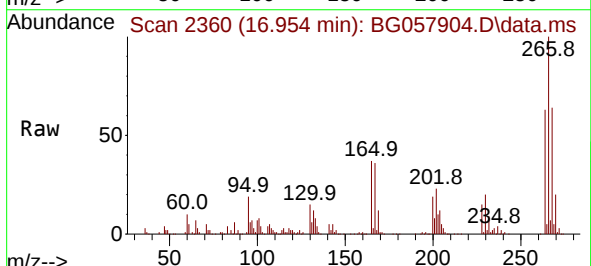
Tgt Ion:266 Resp: 237739

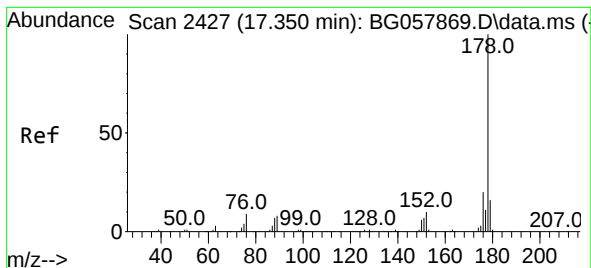
Ion Ratio Lower Upper

266 100

268 63.6 52.2 78.2

264 63.5 50.9 76.3





#71

Phenanthrene

Concen: 40.900 ng

RT: 17.348 min Scan# 2427

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

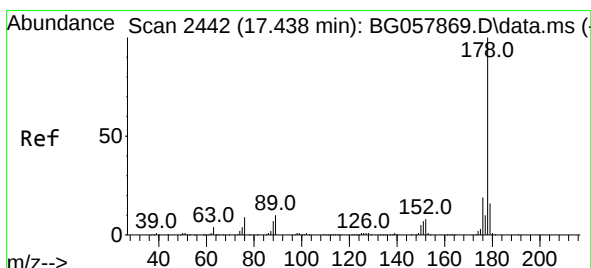
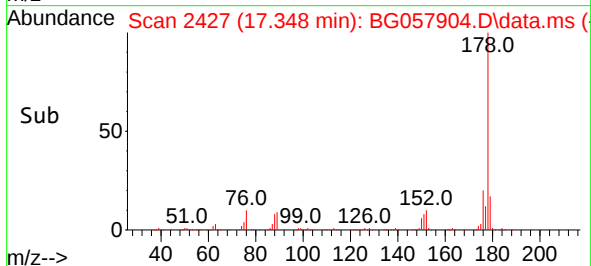
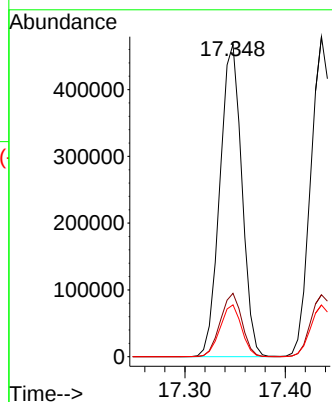
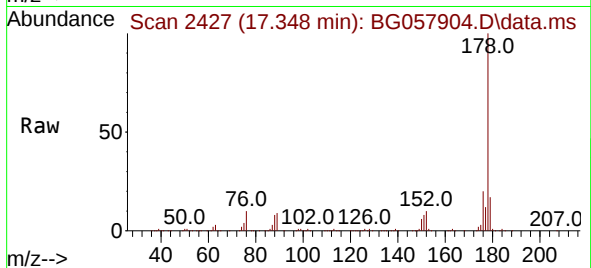
Tgt Ion:178 Resp: 708398

Ion Ratio Lower Upper

178 100

176 20.3 16.3 24.5

179 16.6 13.2 19.8



#72

Anthracene

Concen: 40.504 ng

RT: 17.436 min Scan# 2442

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

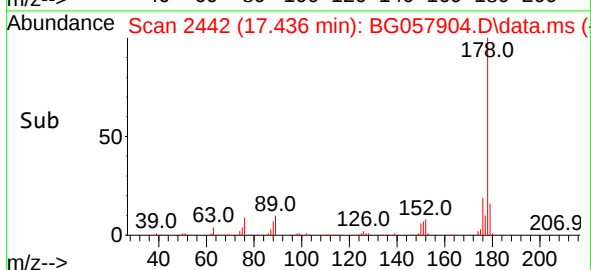
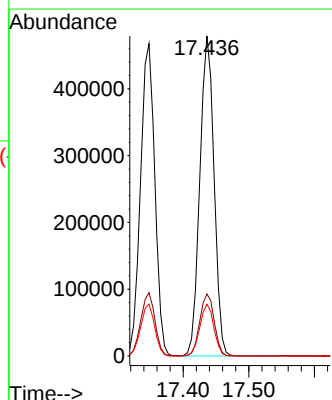
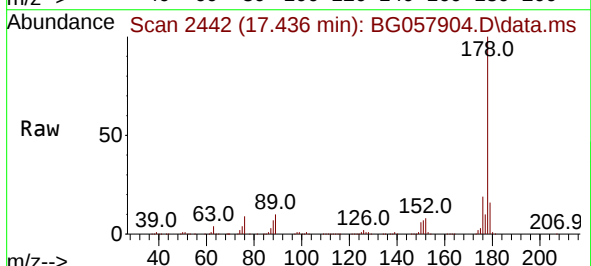
Tgt Ion:178 Resp: 723539

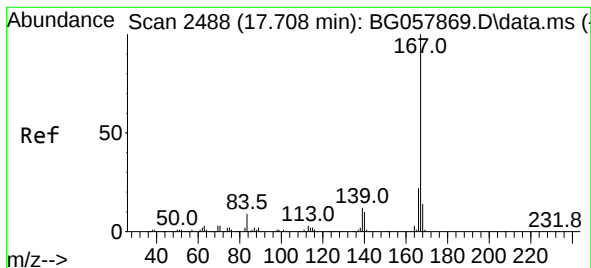
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 16.2 12.9 19.3





#73

Carbazole

Concen: 41.733 ng

RT: 17.706 min Scan# 2488

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

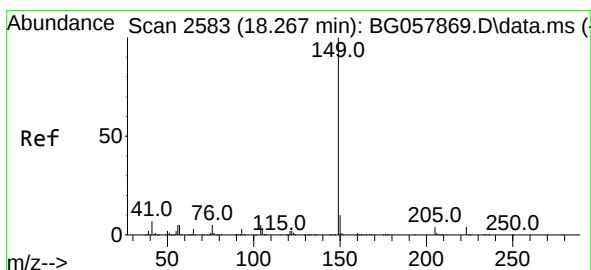
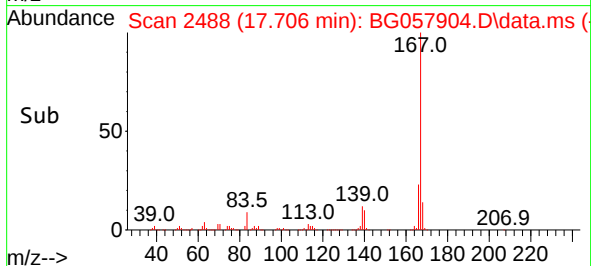
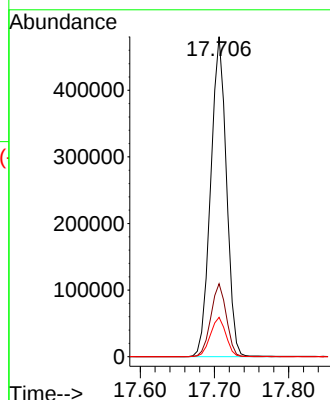
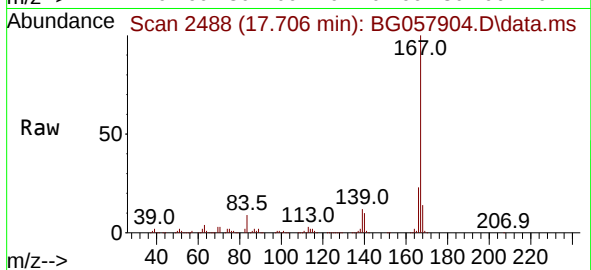
Tgt Ion:167 Resp: 708818

Ion Ratio Lower Upper

167 100

166 22.8 17.8 26.8

139 12.3 9.8 14.8



#74

Di-n-butylphthalate

Concen: 40.976 ng

RT: 18.264 min Scan# 2583

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

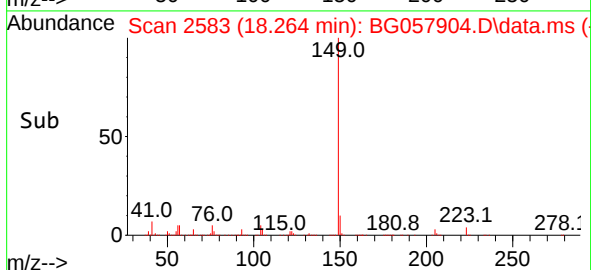
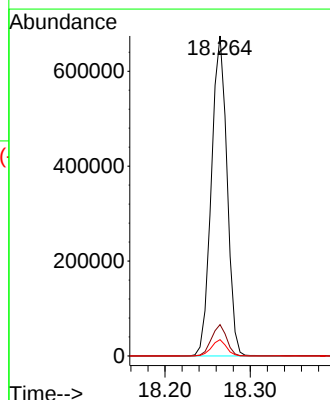
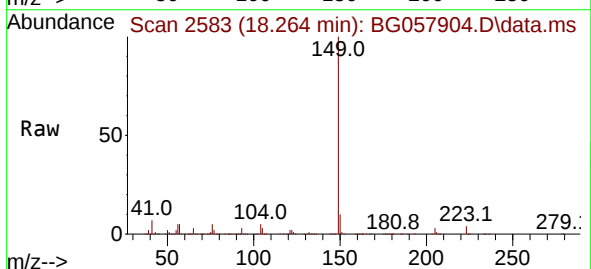
Tgt Ion:149 Resp: 860189

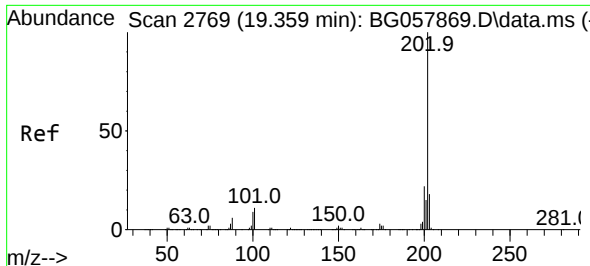
Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

104 5.1 3.9 5.9

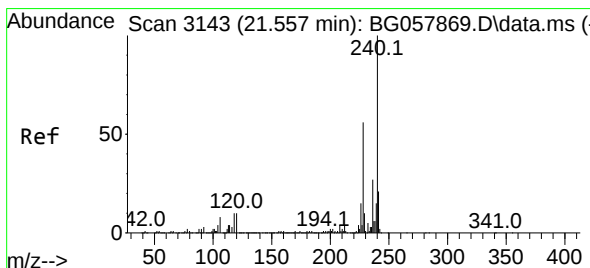
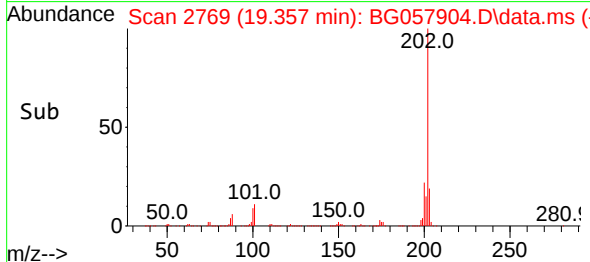
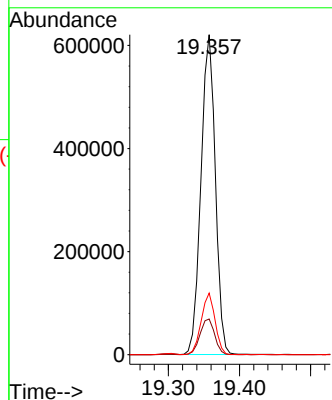
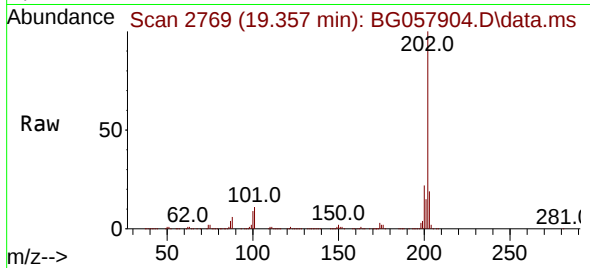




#75
Fluoranthene
Concen: 40.030 ng
RT: 19.357 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

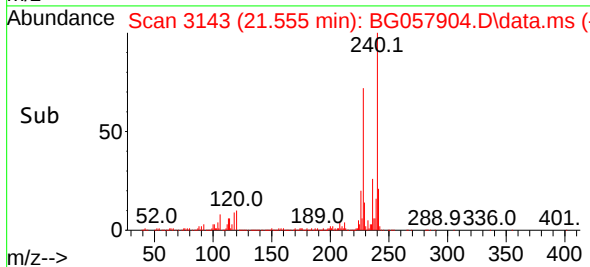
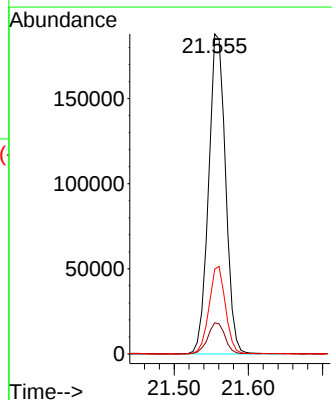
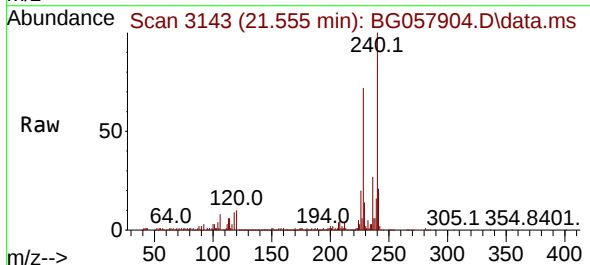
Instrument :
BNA_G
ClientSampleId :
PB153813BS

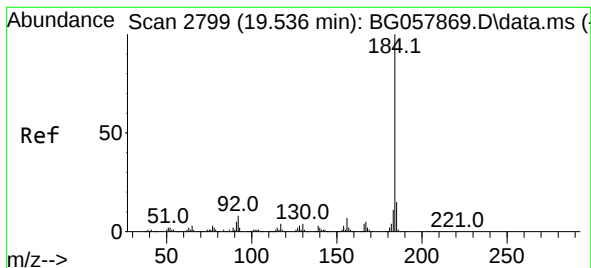
Tgt Ion:202 Resp: 873452
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.3
203 19.3 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.555 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:240 Resp: 298298
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.6 21.9 32.9





#77

Benzidine

Concen: 31.398 ng

RT: 19.539 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

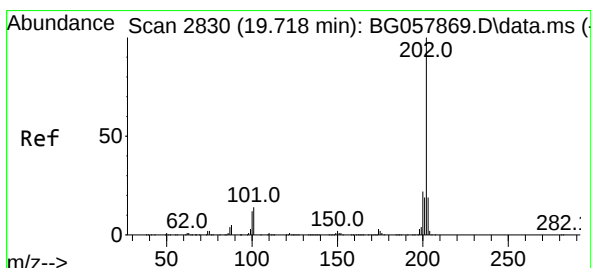
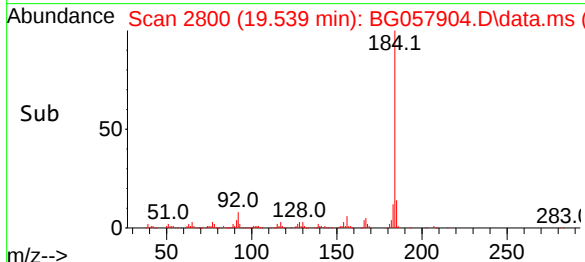
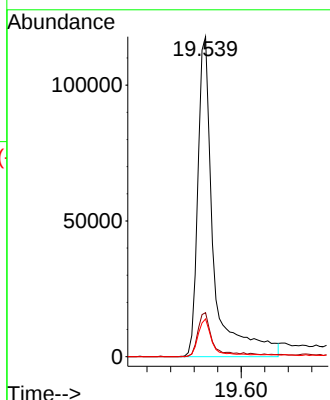
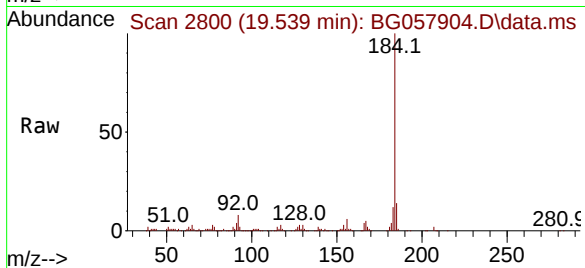
Tgt Ion:184 Resp: 219738

Ion Ratio Lower Upper

184 100

185 13.7 11.7 17.5

183 11.8 9.0 13.4



#78

Pyrene

Concen: 41.685 ng

RT: 19.722 min Scan# 2831

Delta R.T. 0.004 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

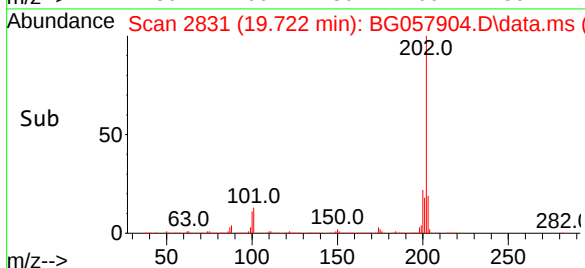
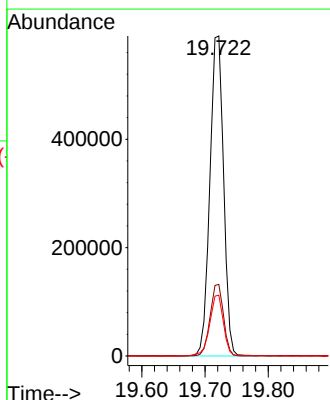
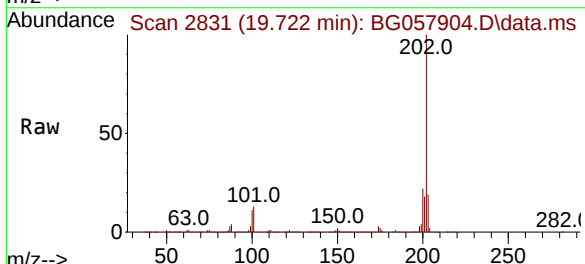
Tgt Ion:202 Resp: 887863

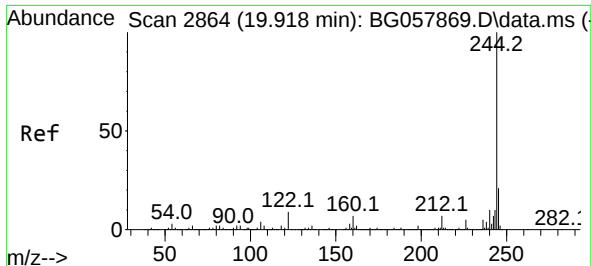
Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

203 19.0 15.2 22.8

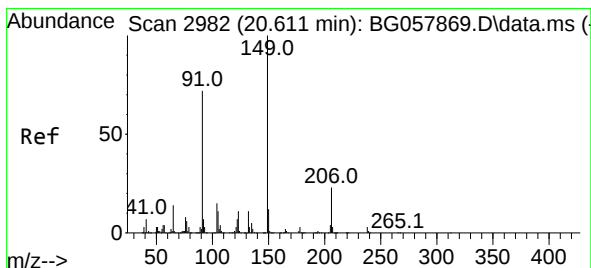
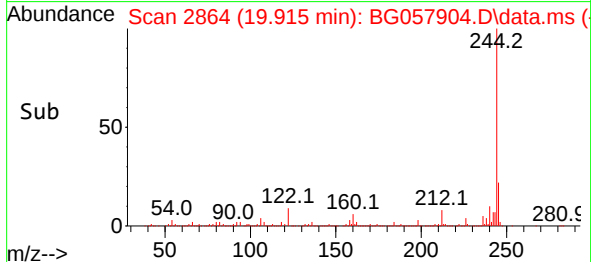
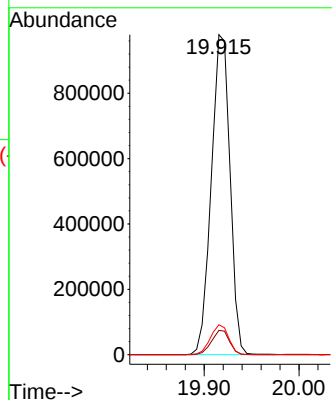
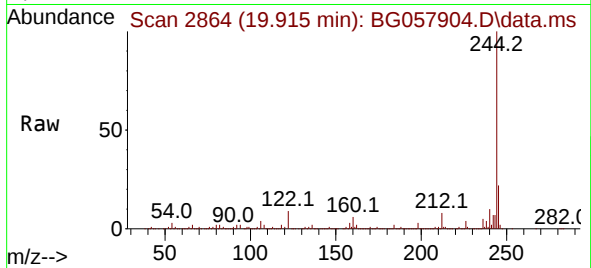




#79
 Terphenyl-d14
 Concen: 81.903 ng
 RT: 19.915 min Scan# 2864
 Delta R.T. -0.002 min
 Lab File: BG057904.D
 Acq: 29 Jun 2023 14:38

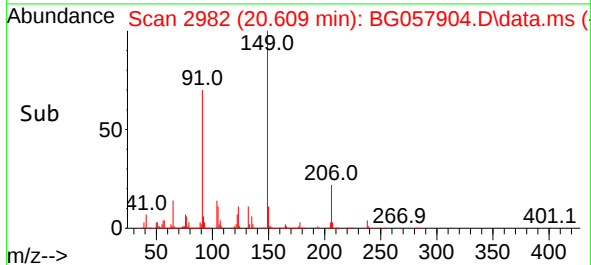
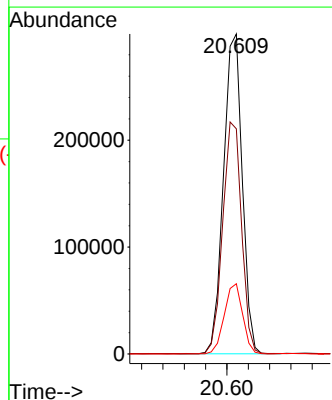
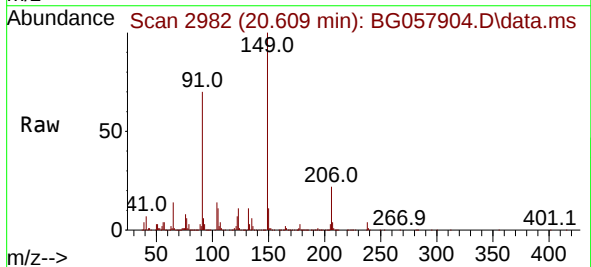
Instrument :
 BNA_G
 ClientSampleId :
 PB153813BS

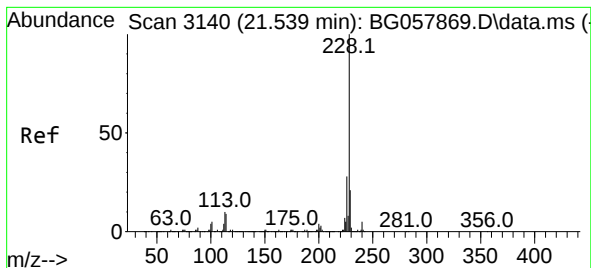
Tgt Ion:244 Resp: 1340111
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.3 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 42.279 ng
 RT: 20.609 min Scan# 2982
 Delta R.T. -0.002 min
 Lab File: BG057904.D
 Acq: 29 Jun 2023 14:38

Tgt Ion:149 Resp: 365164
 Ion Ratio Lower Upper
 149 100
 91 70.3 57.4 86.2
 206 22.0 18.2 27.2





#81

Benzo(a)anthracene

Concen: 41.415 ng

RT: 21.537 min Scan# 3140

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

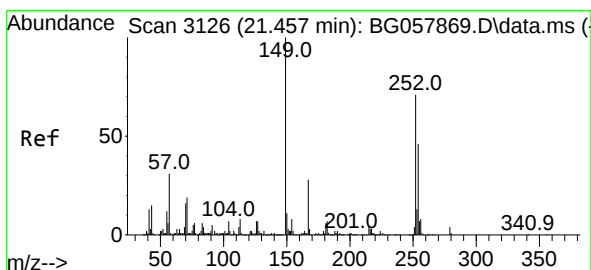
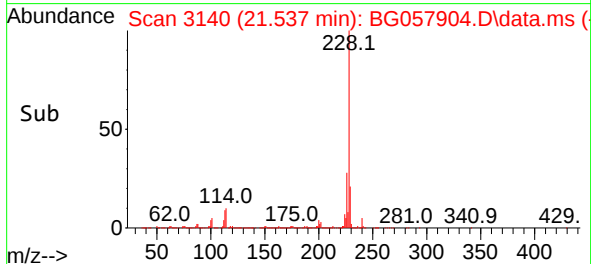
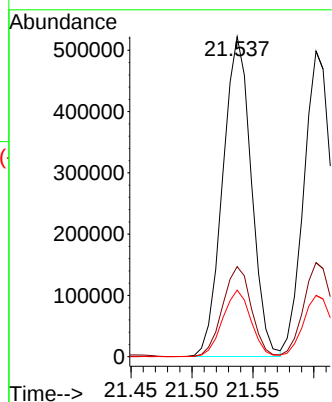
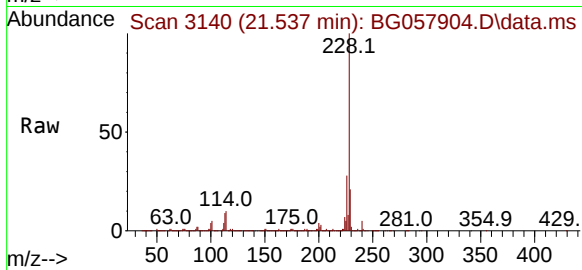
Tgt Ion:228 Resp: 854940

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

229 20.8 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 37.107 ng

RT: 21.455 min Scan# 3126

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

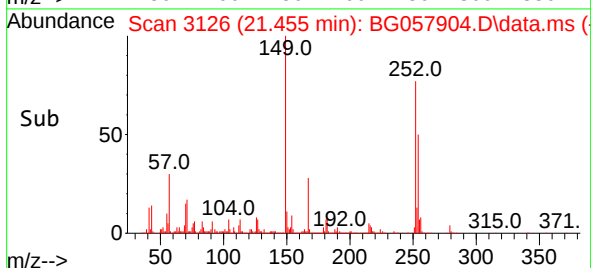
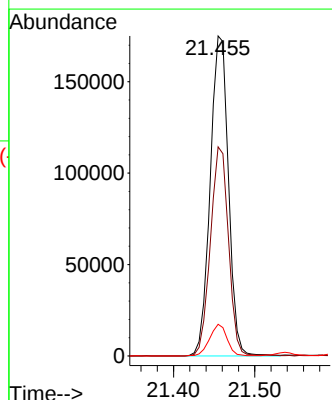
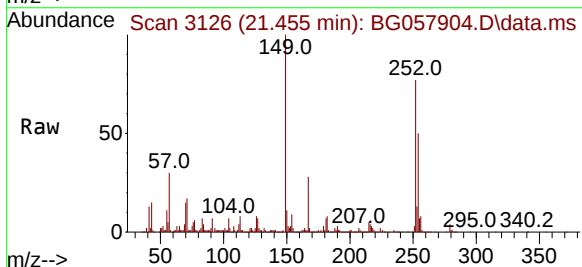
Tgt Ion:252 Resp: 272561

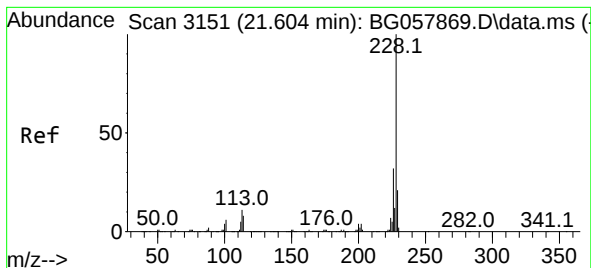
Ion Ratio Lower Upper

252 100

254 65.4 51.5 77.3

126 9.9 7.4 11.2





#83

Chrysene

Concen: 40.562 ng

RT: 21.602 min Scan# 3151

Delta R.T. -0.002 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

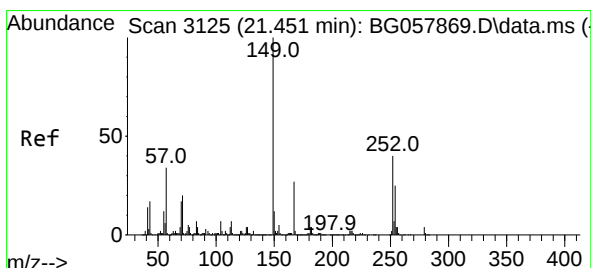
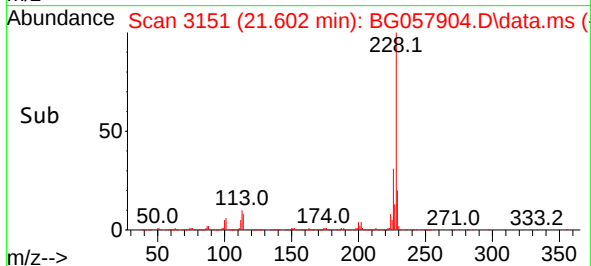
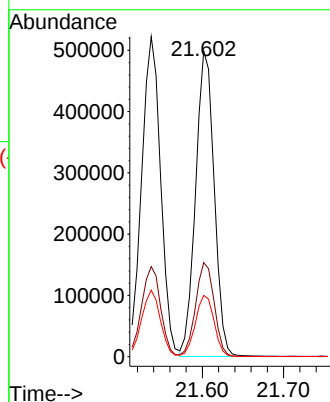
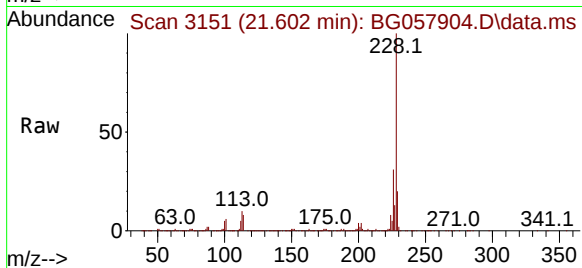
Tgt Ion:228 Resp: 792570

Ion Ratio Lower Upper

228 100

226 30.8 25.3 37.9

229 20.1 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.579 ng

RT: 21.443 min Scan# 3124

Delta R.T. -0.008 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

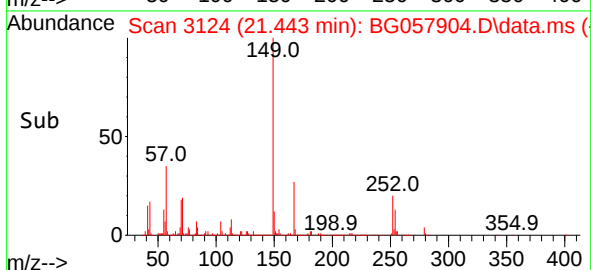
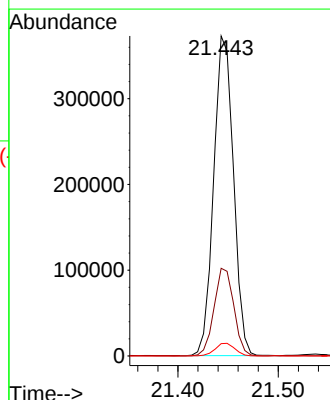
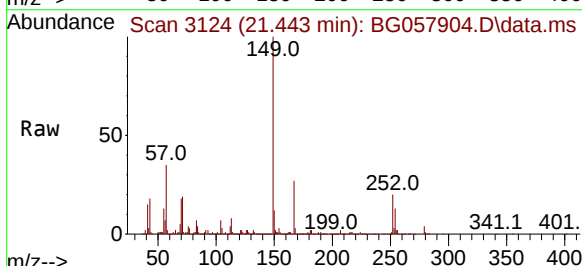
Tgt Ion:149 Resp: 509877

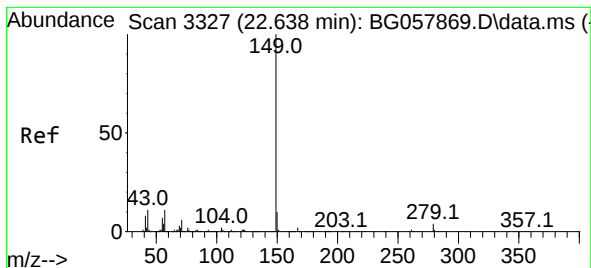
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.474 ng

RT: 22.630 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

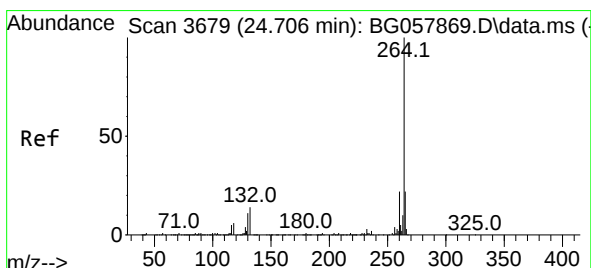
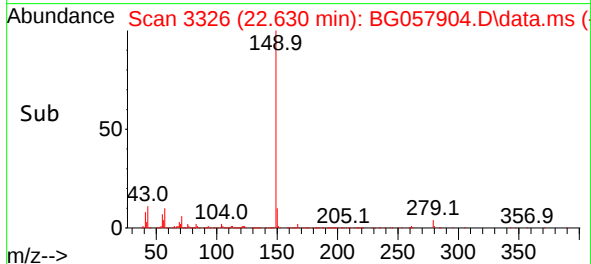
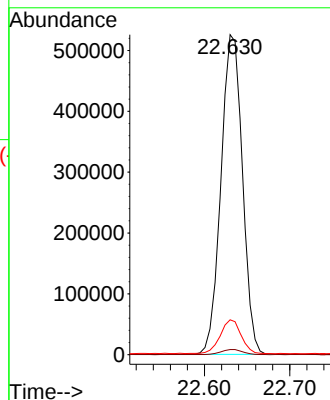
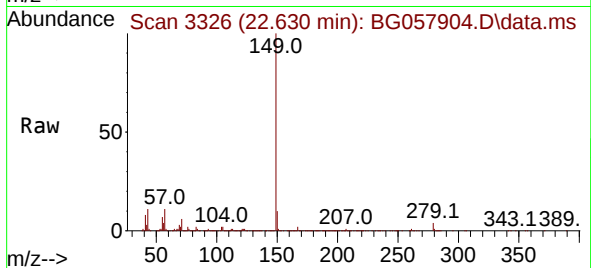
Tgt Ion:149 Resp: 919112

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.710 min Scan# 3680

Delta R.T. 0.004 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

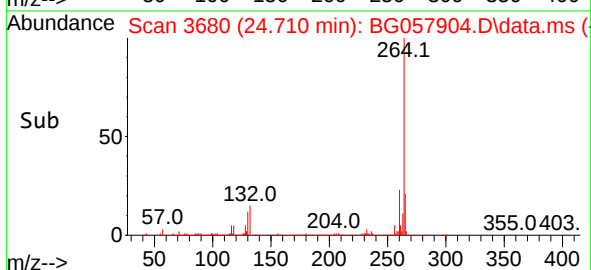
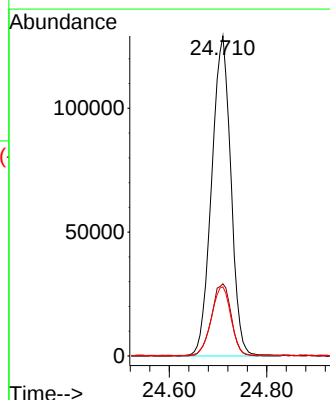
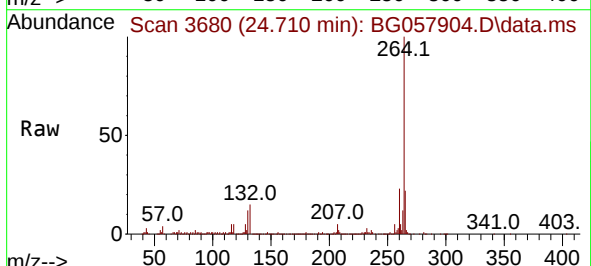
Tgt Ion:264 Resp: 352879

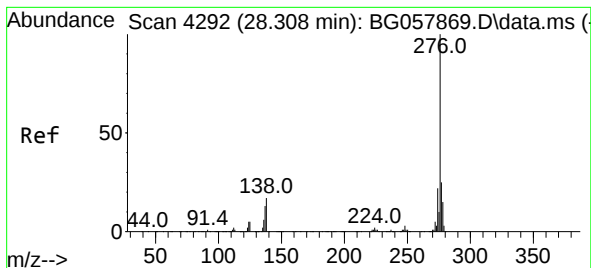
Ion Ratio Lower Upper

264 100

260 22.5 17.8 26.8

265 21.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.236 ng

RT: 28.300 min Scan# 41

Delta R.T. -0.008 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

Instrument :

BNA_G

ClientSampleId :

PB153813BS

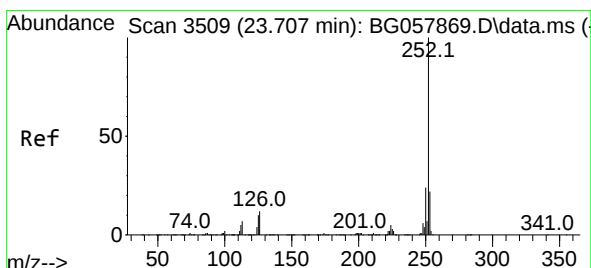
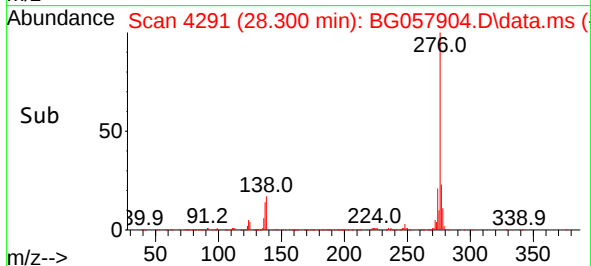
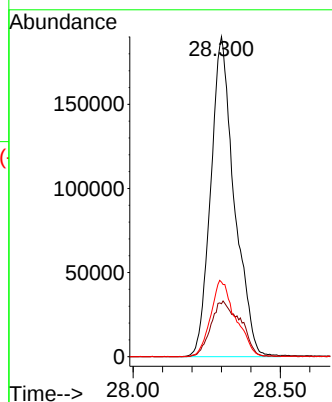
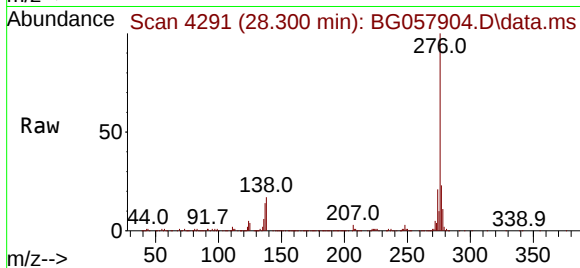
Tgt Ion:276 Resp: 1057477

Ion Ratio Lower Upper

276 100

138 21.8 12.2 18.4#

277 25.2 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.174 ng

RT: 23.711 min Scan# 3510

Delta R.T. 0.004 min

Lab File: BG057904.D

Acq: 29 Jun 2023 14:38

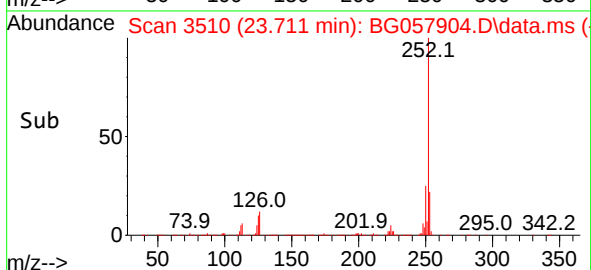
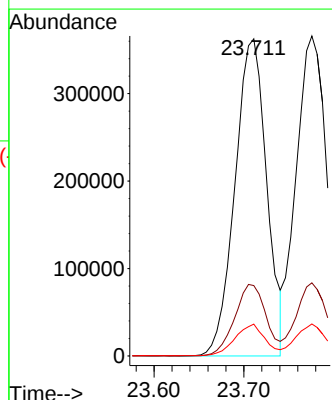
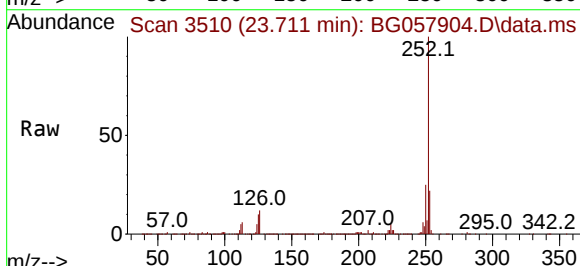
Tgt Ion:252 Resp: 888703

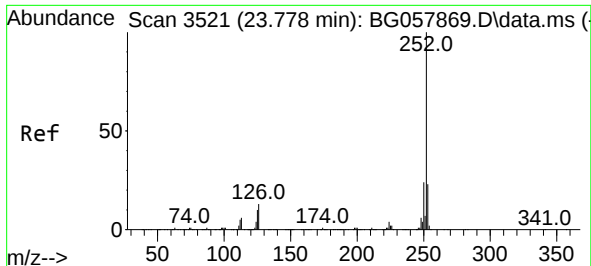
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.0 7.7 11.5

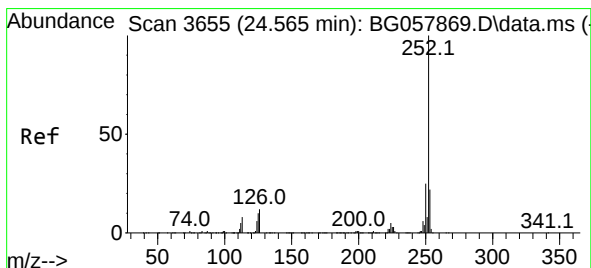
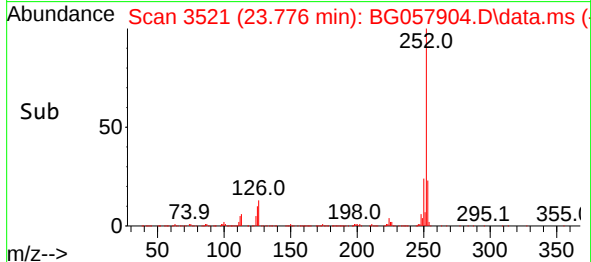
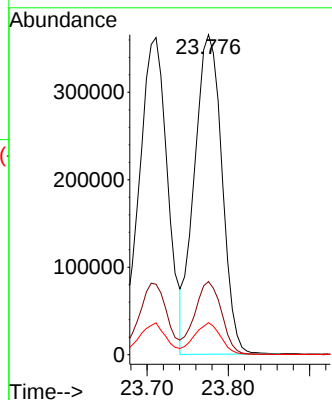
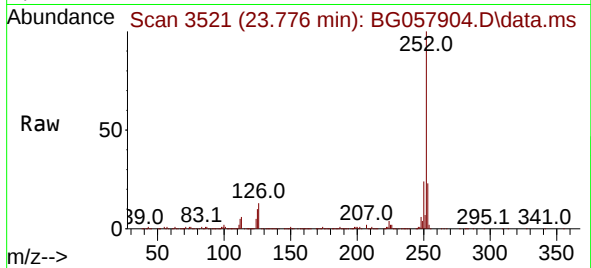




#89
Benzo(k)fluoranthene
Concen: 44.365 ng
RT: 23.776 min Scan# 3521
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

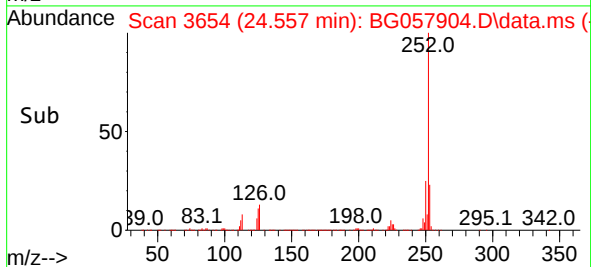
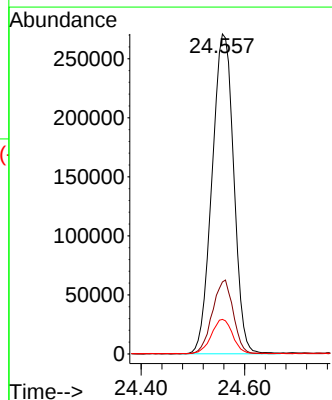
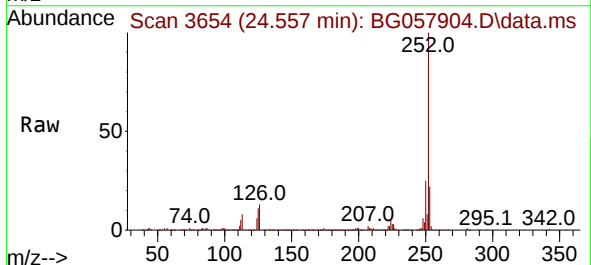
Instrument :
BNA_G
ClientSampleId :
PB153813BS

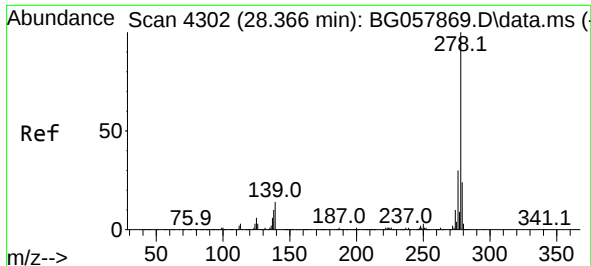
Tgt Ion:252 Resp: 862988
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 10.0 7.8 11.6



#90
Benzo(a)pyrene
Concen: 41.358 ng
RT: 24.557 min Scan# 3654
Delta R.T. -0.008 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:252 Resp: 788522
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.8 8.0 12.0



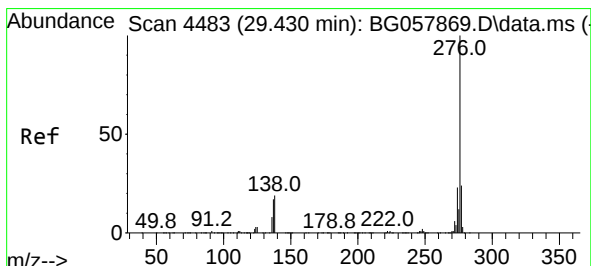
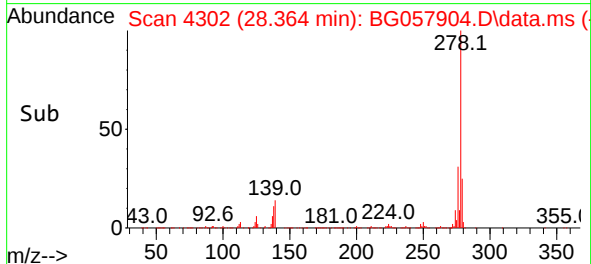
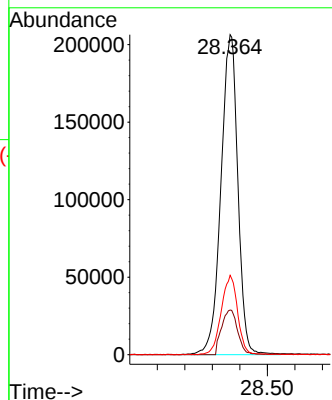
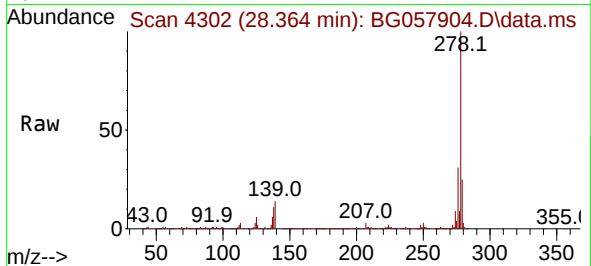


#91
Dibenzo(a,h)anthracene
Concen: 45.421 ng
RT: 28.364 min Scan# 41
Delta R.T. -0.002 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Instrument :
BNA_G
ClientSampleId :
PB153813BS

Tgt Ion:278 Resp: 880784

Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.0	16.4
279	24.8	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 45.258 ng
RT: 29.434 min Scan# 4484
Delta R.T. 0.004 min
Lab File: BG057904.D
Acq: 29 Jun 2023 14:38

Tgt Ion:276 Resp: 872203

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.2
138	19.8	15.0	22.6

