

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057055.D
 Acq On : 11 Apr 2023 16:14
 Operator : CG/JU
 Sample : PB152037BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152037BSD

Quant Time: Apr 12 04:41:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.405	152	18476	20.000	ng	0.00
21) Naphthalene-d8	11.248	136	71112	20.000	ng	# 0.00
39) Acenaphthene-d10	15.019	164	50110	20.000	ng	0.00
64) Phenanthrene-d10	17.757	188	118796	20.000	ng	0.00
76) Chrysene-d12	22.080	240	104899	20.000	ng	# 0.00
86) Perylene-d12	25.622	264	109615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.920	112	166405	144.145	ng	0.00
7) Phenol-d6	7.547	99	227599	131.820	ng	0.00
23) Nitrobenzene-d5	9.585	82	146663	84.389	ng	0.00
42) 2,4,6-Tribromophenol	16.505	330	111489	139.270	ng	0.00
45) 2-Fluorobiphenyl	13.645	172	327314	88.573	ng	0.00
79) Terphenyl-d14	20.330	244	607880	98.059	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.723	88	17766	35.106	ng	95
3) Pyridine	4.152	79	49906	30.618	ng	95
4) n-Nitrosodimethylamine	4.058	42	28805	38.438	ng	96
6) Aniline	7.717	93	76546	34.679	ng	99
8) 2-Chlorophenol	7.964	128	54375	47.288	ng	93
9) Benzaldehyde	7.529	77	38352	35.414	ng	95
10) Phenol	7.570	94	77858	45.509	ng	95
11) bis(2-Chloroethyl)ether	7.805	93	52468	43.054	ng	99
12) 1,3-Dichlorobenzene	8.299	146	59902	47.146	ng	99
13) 1,4-Dichlorobenzene	8.446	146	61234	47.752	ng	94
14) 1,2-Dichlorobenzene	8.769	146	58211	46.986	ng	92
15) Benzyl Alcohol	8.640	79	58984	41.114	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.927	45	64300	43.780	ng	98
17) 2-Methylphenol	8.839	107	50613	41.467	ng	95
18) Hexachloroethane	9.509	117	21551	45.981	ng	# 80
19) n-Nitroso-di-n-propyla...	9.209	70	47529	38.486	ng	# 97
20) 3+4-Methylphenols	9.168	107	70556	41.339	ng	97
22) Acetophenone	9.239	105	90095	42.578	ng	# 93
24) Nitrobenzene	9.626	77	72970	41.067	ng	94
25) Isophorone	10.149	82	126697	38.283	ng	98
26) 2-Nitrophenol	10.349	139	31241	45.552	ng	94
27) 2,4-Dimethylphenol	10.384	122	53236	43.963	ng	97
28) bis(2-Chloroethoxy)met...	10.619	93	67540	40.764	ng	100
29) 2,4-Dichlorophenol	10.884	162	55190	42.379	ng	96
30) 1,2,4-Trichlorobenzene	11.107	180	62350	45.060	ng	96
31) Naphthalene	11.301	128	164086	42.333	ng	99
32) Benzoic acid	10.531	122	32603	39.196	ng	# 87
33) 4-Chloroaniline	11.395	127	44170	25.231	ng	96
34) Hexachlorobutadiene	11.571	225	42561	40.947	ng	88
35) Caprolactam	12.158	113	10706	23.838	ng	95
36) 4-Chloro-3-methylphenol	12.487	107	59152	40.616	ng	94
37) 2-Methylnaphthalene	12.875	142	117966	38.347	ng	96
38) 1-Methylnaphthalene	13.086	142	109296	37.836	ng	99
40) 1,2,4,5-Tetrachloroben...	13.233	216	81080	46.660	ng	98
41) Hexachlorocyclopentadiene	13.210	237	113169	118.203	ng	99
43) 2,4,6-Trichlorophenol	13.462	196	50479	45.523	ng	96

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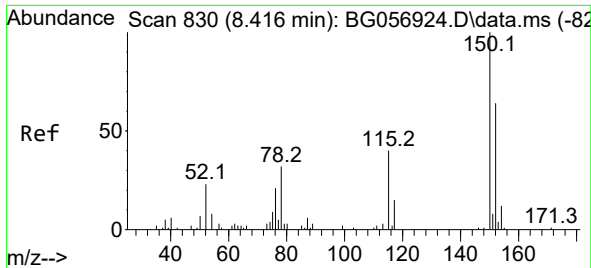
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.539	196	53741	40.910	ng	99
46) 1,1'-Biphenyl	13.856	154	166403	45.364	ng	98
47) 2-Chloronaphthalene	13.909	162	125319	46.192	ng	97
48) 2-Nitroaniline	14.103	65	41003	42.267	ng	93
49) Acenaphthylene	14.749	152	193754	43.467	ng	100
50) Dimethylphthalate	14.455	163	165706	41.969	ng	99
51) 2,6-Dinitrotoluene	14.584	165	36249	42.492	ng	94
52) Acenaphthene	15.084	154	121680	39.581	ng	98
53) 3-Nitroaniline	14.919	138	25269	29.926	ng	92
54) 2,4-Dinitrophenol	15.125	184	50603	105.387	ng	96
55) Dibenzofuran	15.419	168	195114	42.287	ng	98
56) 4-Nitrophenol	15.213	139	59856	95.862	ng	91
57) 2,4-Dinitrotoluene	15.366	165	52048	43.259	ng #	98
58) Fluorene	16.059	166	159210	41.699	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.636	232	50789	42.463	ng #	98
60) Diethylphthalate	15.806	149	165294	41.760	ng	100
61) 4-Chlorophenyl-phenyle...	16.041	204	93376	41.654	ng	99
62) 4-Nitroaniline	16.077	138	35446	40.517	ng	96
63) Azobenzene	16.335	77	163525	41.455	ng	97
65) 4,6-Dinitro-2-methylph...	16.129	198	36374	50.556	ng	96
66) n-Nitrosodiphenylamine	16.253	169	138427	43.408	ng	99
67) 4-Bromophenyl-phenylether	16.934	248	61423	41.788	ng	97
68) Hexachlorobenzene	17.063	284	68423	47.084	ng	98
69) Atrazine	17.187	200	61363	46.355	ng	96
70) Pentachlorophenol	17.404	266	85697	82.199	ng	100
71) Phenanthrene	17.804	178	261955	43.250	ng	100
72) Anthracene	17.892	178	267827	43.135	ng	100
73) Carbazole	18.156	167	239313	44.207	ng	95
74) Di-n-butylphthalate	18.679	149	282072	44.997	ng	98
75) Fluoranthene	19.789	202	323525	42.137	ng	98
77) Benzidine	19.954	184	166892	58.207	ng	97
78) Pyrene	20.153	202	325644	44.883	ng	98
80) Butylbenzylphthalate	21.005	149	117903	47.224	ng	96
81) Benzo(a)anthracene	22.057	228	317177	43.694	ng	99
82) 3,3'-Dichlorobenzidine	21.957	252	87920	35.868	ng	99
83) Chrysene	22.133	228	294515	43.332	ng	100
84) Bis(2-ethylhexyl)phtha...	21.910	149	166886	46.161	ng	97
85) Di-n-octyl phthalate	23.220	149	281380	46.185	ng	99
87) Indeno(1,2,3-cd)pyrene	29.711	276	370344	45.715	ng #	97
88) Benzo(b)fluoranthene	24.483	252	337840	49.287	ng	98
89) Benzo(k)fluoranthene	24.483	252	337840	49.369	ng	100
90) Benzo(a)pyrene	25.452	252	284529	42.242	ng	99
91) Dibenzo(a,h)anthracene	29.770	278	311205	46.735	ng	98
92) Benzo(g,h,i)perylene	30.986	276	295705	45.351	ng	99

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

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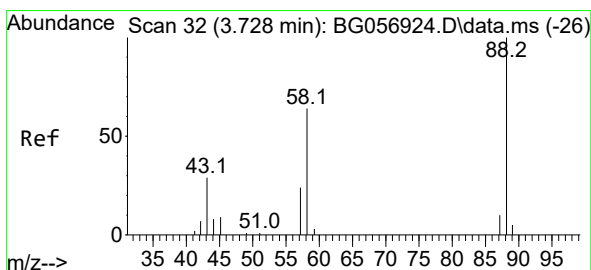
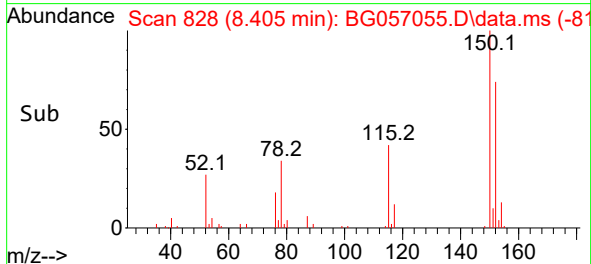
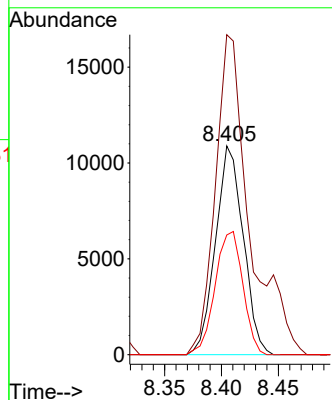
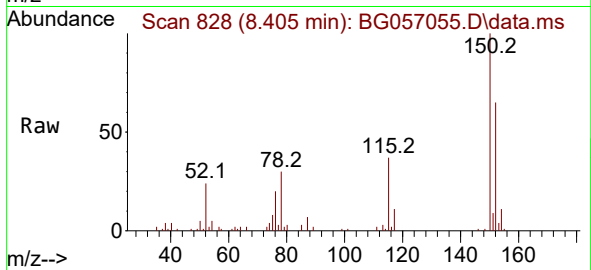




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.405 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG057055.D
 Acq: 11 Apr 2023 16:14

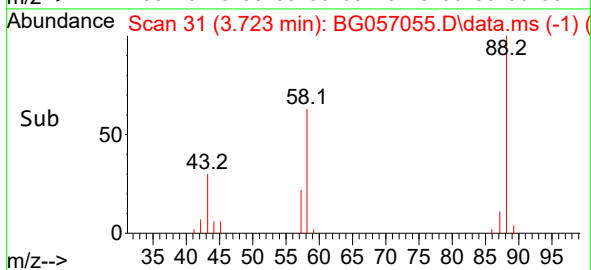
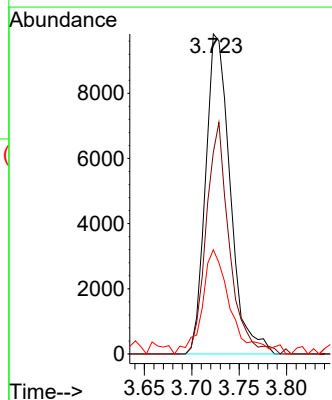
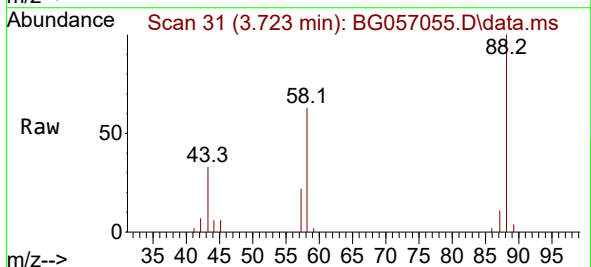
Instrument :
 BNA_G
 ClientSampleId :
 PB152037BSD

Tgt Ion:152 Resp: 18476
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.1 186.1
 115 57.4 49.1 73.7



#2
 1,4-Dioxane
 Concen: 35.106 ng
 RT: 3.723 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BG057055.D
 Acq: 11 Apr 2023 16:14

Tgt Ion: 88 Resp: 17766
 Ion Ratio Lower Upper
 88 100
 58 68.0 55.9 83.9
 43 37.4 25.7 38.5

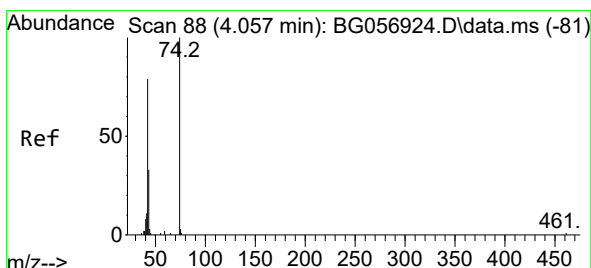
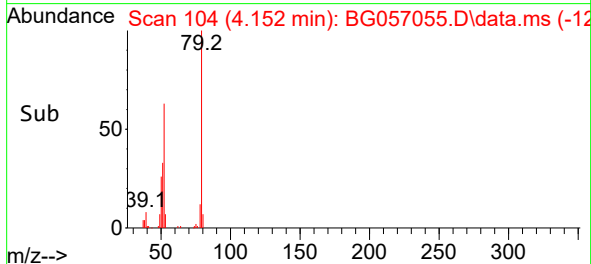
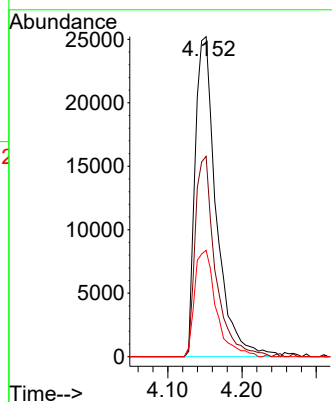
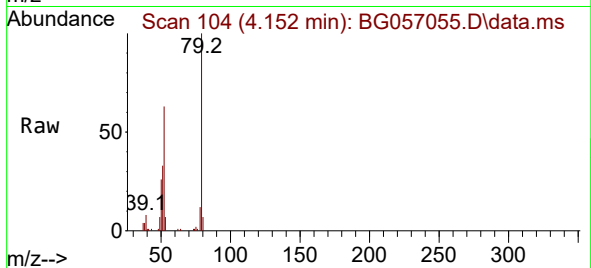




#3
Pyridine
Concen: 30.618 ng
RT: 4.152 min Scan# 104
Delta R.T. 0.009 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

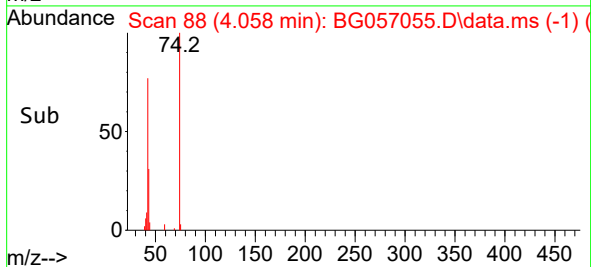
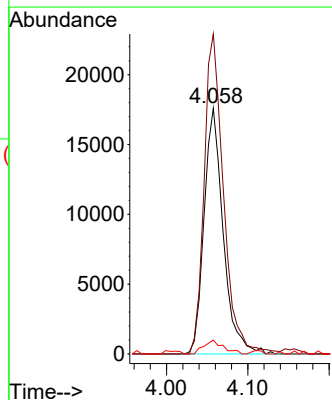
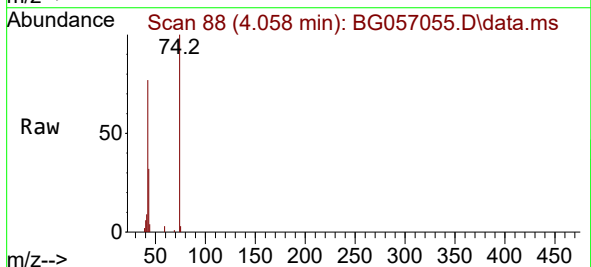
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

Tgt Ion: 79 Resp: 49906
Ion Ratio Lower Upper
79 100
52 62.6 46.1 69.1
51 33.2 26.1 39.1



#4
n-Nitrosodimethylamine
Concen: 38.438 ng
RT: 4.058 min Scan# 88
Delta R.T. 0.009 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion: 42 Resp: 28805
Ion Ratio Lower Upper
42 100
74 130.2 100.6 151.0
44 5.6 4.6 7.0

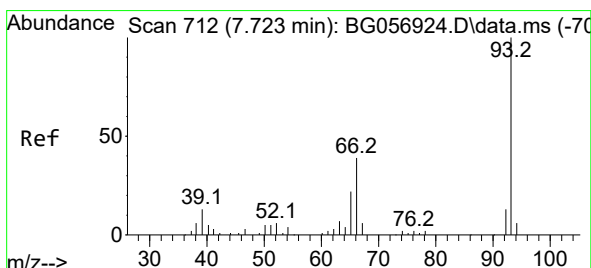
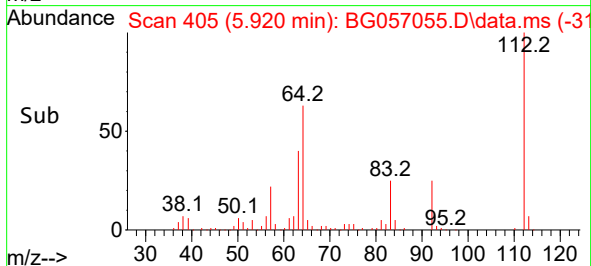
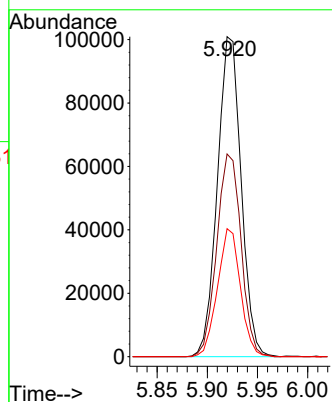
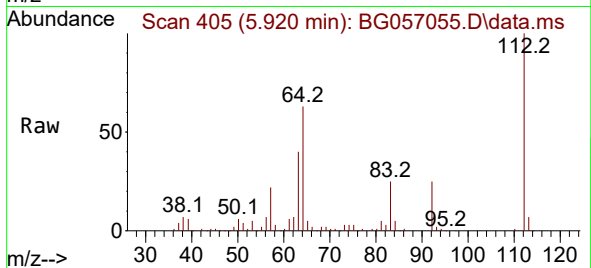




#5
2-Fluorophenol
Concen: 144.145 ng
RT: 5.920 min Scan# 405
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

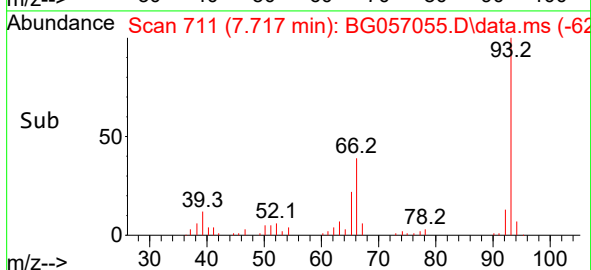
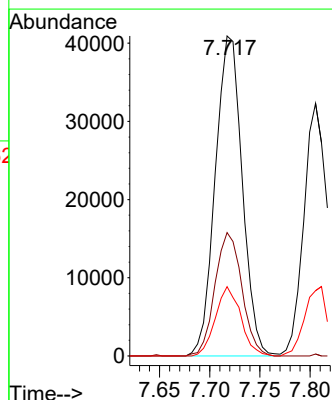
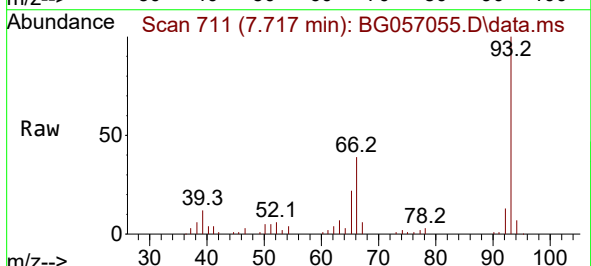
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ClientSampleId :
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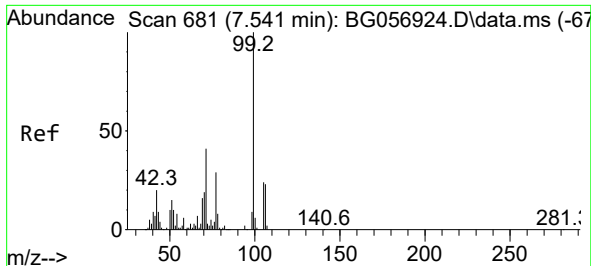
Tgt Ion:112 Resp: 166405
Ion Ratio Lower Upper
112 100
64 63.4 53.2 79.8
63 40.0 32.6 48.8



#6
Aniline
Concen: 34.679 ng
RT: 7.717 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion: 93 Resp: 76546
Ion Ratio Lower Upper
93 100
66 38.6 31.4 47.0
65 21.6 17.3 25.9

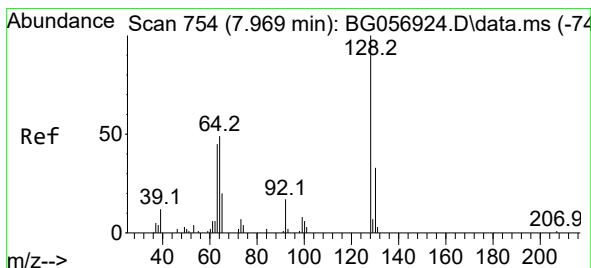
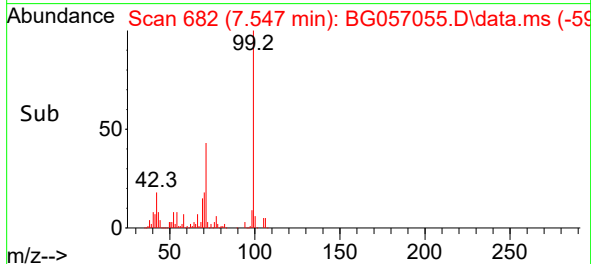
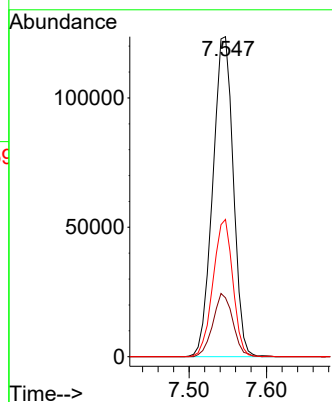
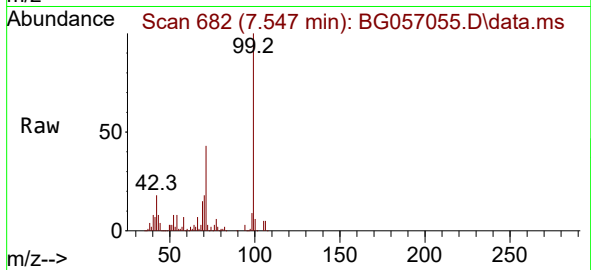




#7
Phenol-d6
Concen: 131.820 ng
RT: 7.547 min Scan# 61
Delta R.T. 0.009 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

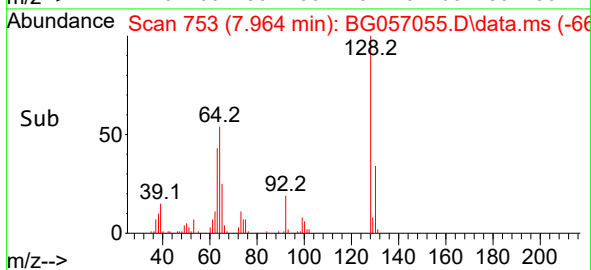
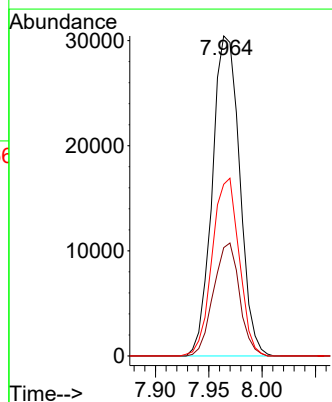
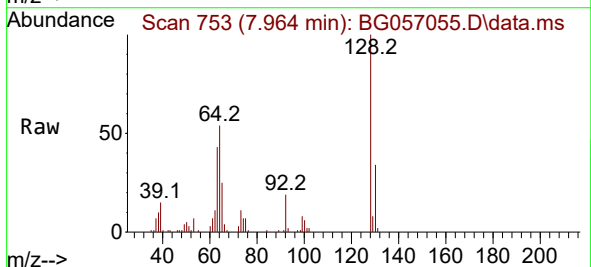
Instrument :
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ClientSampleId :
PB152037BSD

Tgt Ion: 99 Resp: 227599
Ion Ratio Lower Upper
99 100
42 18.4 15.7 23.5
71 42.9 32.5 48.7



#8
2-Chlorophenol
Concen: 47.288 ng
RT: 7.964 min Scan# 753
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion: 128 Resp: 54375
Ion Ratio Lower Upper
128 100
130 33.9 12.6 52.6
64 53.6 40.6 80.6

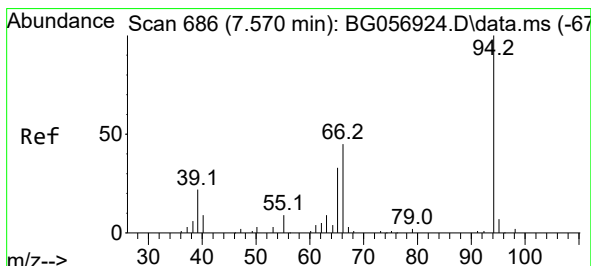
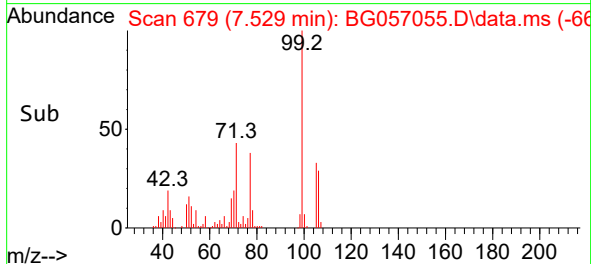
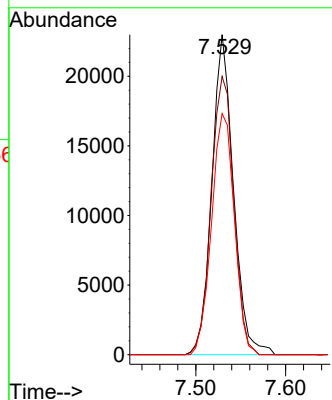
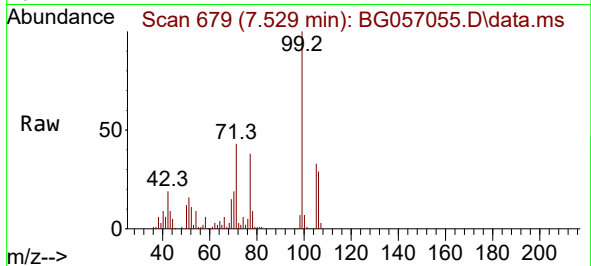




#9
Benzaldehyde
Concen: 35.414 ng
RT: 7.529 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

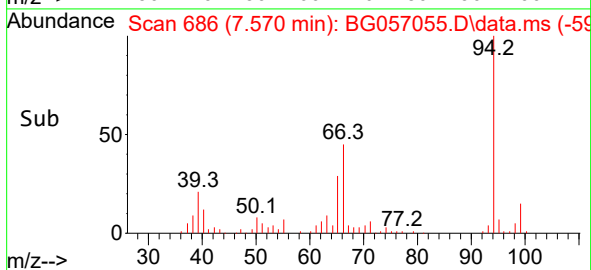
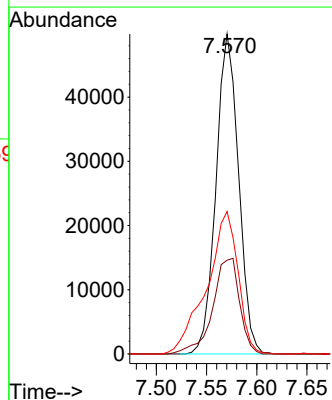
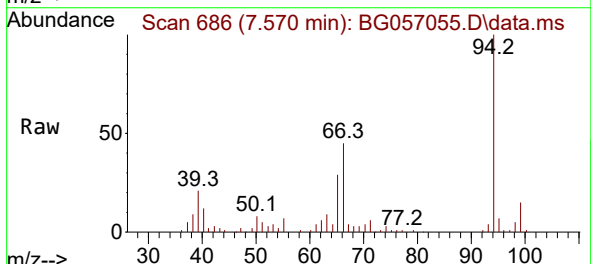
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BNA_G
ClientSampleId :
PB152037BSD

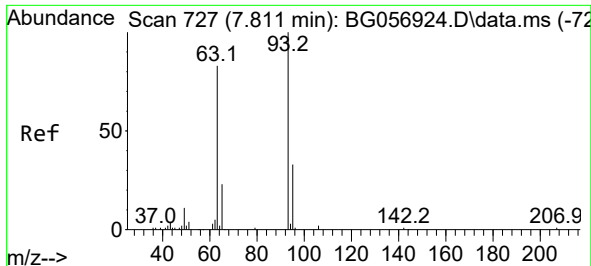
Tgt Ion: 77 Resp: 38352
Ion Ratio Lower Upper
77 100
105 87.0 73.6 113.6
106 75.3 56.7 96.7



#10
Phenol
Concen: 45.509 ng
RT: 7.570 min Scan# 686
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion: 94 Resp: 77858
Ion Ratio Lower Upper
94 100
65 29.3 13.3 53.3
66 44.5 26.7 66.7

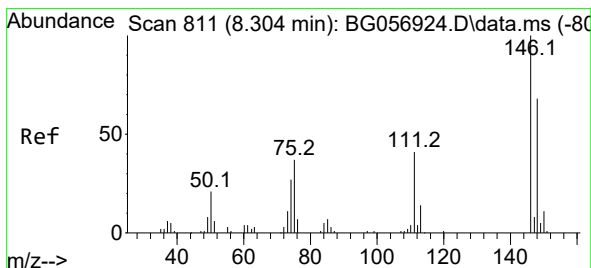
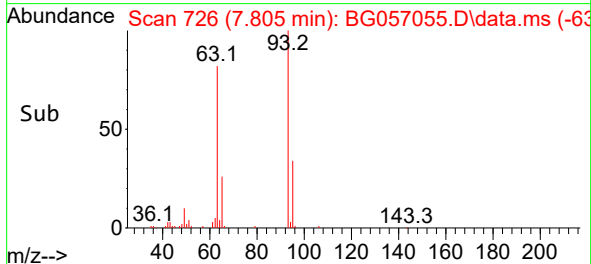
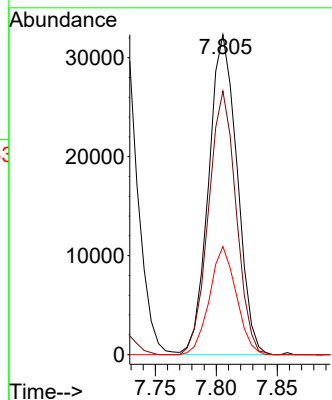
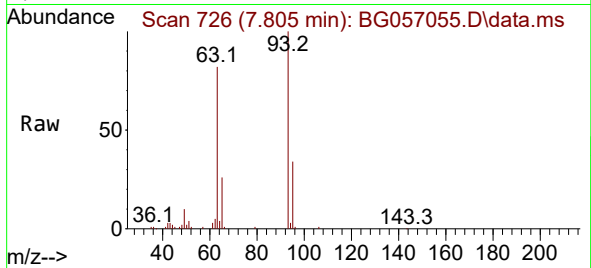




#11
bis(2-Chloroethyl)ether
Concen: 43.054 ng
RT: 7.805 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

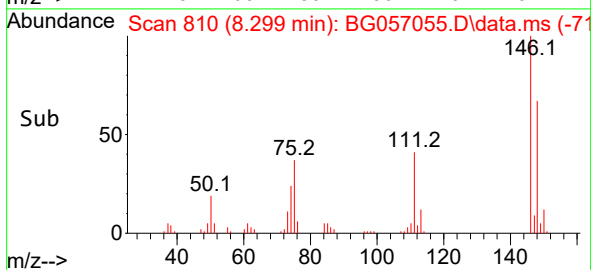
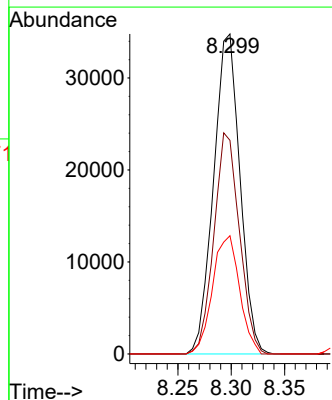
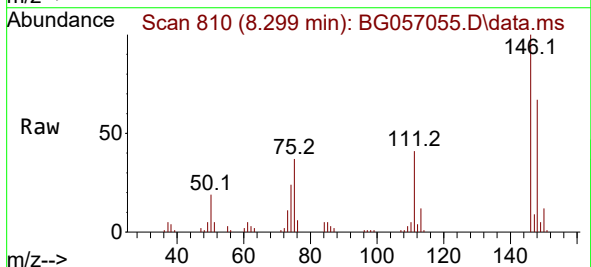
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

Tgt Ion: 93 Resp: 52468
Ion Ratio Lower Upper
93 100
63 82.4 62.7 102.7
95 33.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.146 ng
RT: 8.299 min Scan# 810
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:146 Resp: 59902
Ion Ratio Lower Upper
146 100
148 66.7 54.2 81.4
75 36.9 29.8 44.8

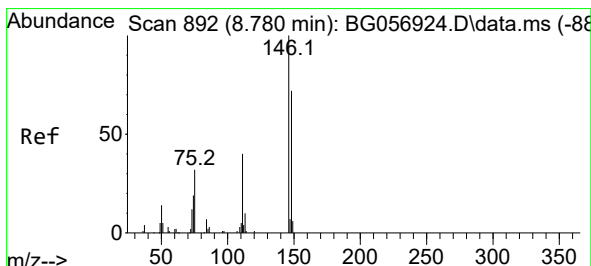
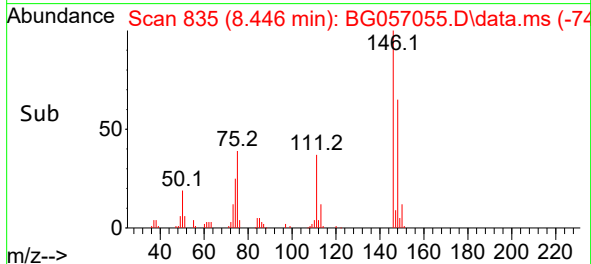
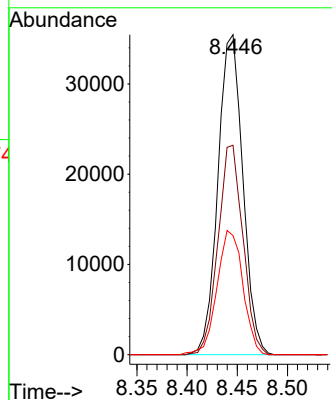
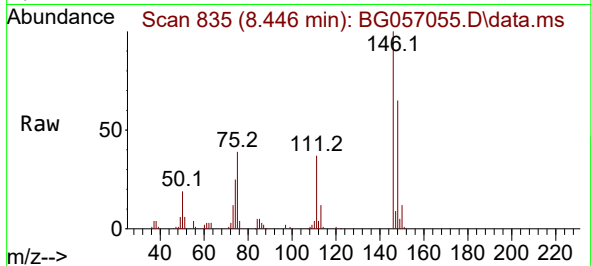




#13
1,4-Dichlorobenzene
Concen: 47.752 ng
RT: 8.446 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

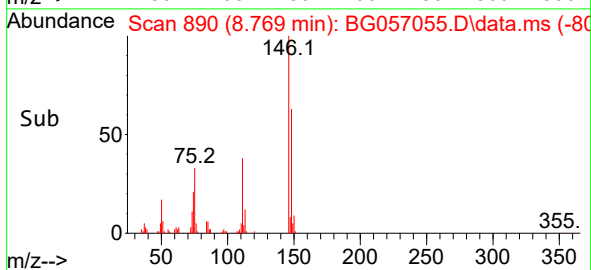
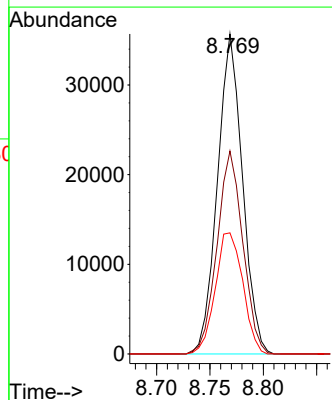
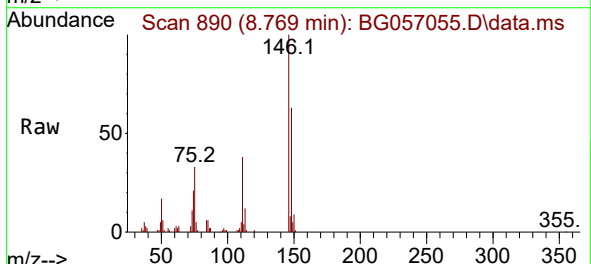
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

Tgt Ion:146 Resp: 61234
Ion Ratio Lower Upper
146 100
148 65.5 54.8 82.2
111 37.3 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 46.986 ng
RT: 8.769 min Scan# 890
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:146 Resp: 58211
Ion Ratio Lower Upper
146 100
148 63.4 57.4 86.0
111 37.9 33.2 49.8

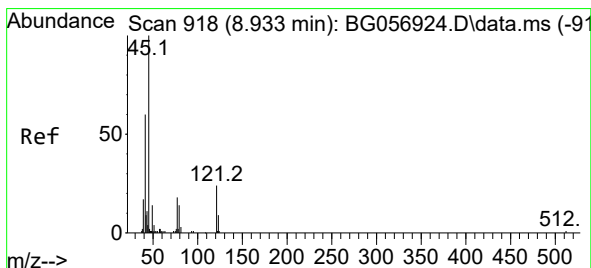
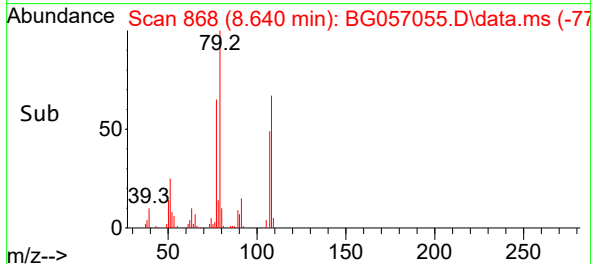
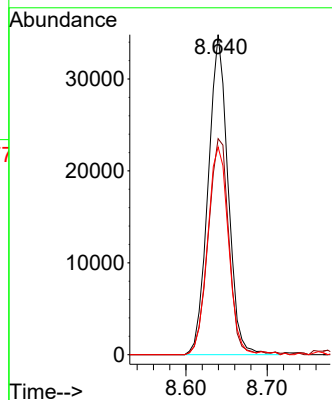
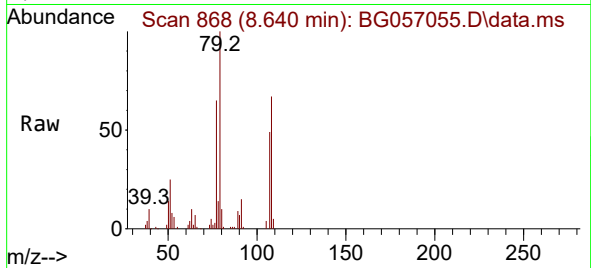




#15
Benzyl Alcohol
Concen: 41.114 ng
RT: 8.640 min Scan# 869
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

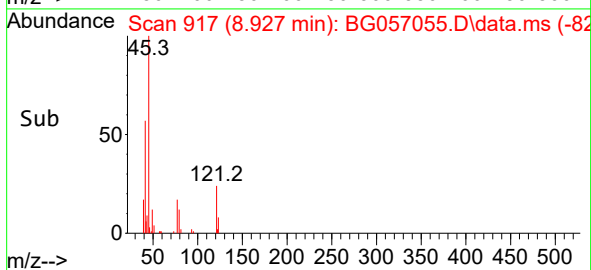
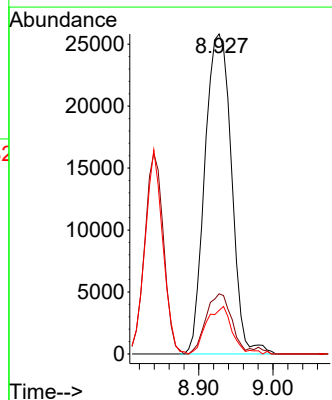
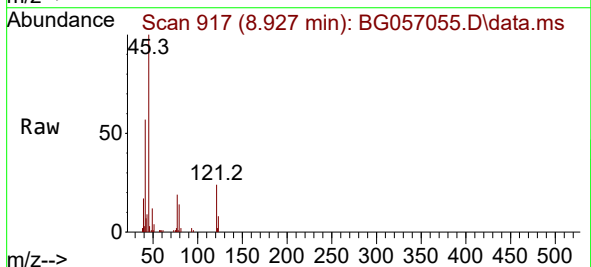
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

Tgt Ion: 79	Resp: 58984
Ion Ratio	Lower Upper
79	100
108	67.5 51.2 76.8
77	64.9 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.780 ng
RT: 8.927 min Scan# 917
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion: 45	Resp: 64300
Ion Ratio	Lower Upper
45	100
77	18.8 0.0 38.7
79	13.6 0.0 35.1

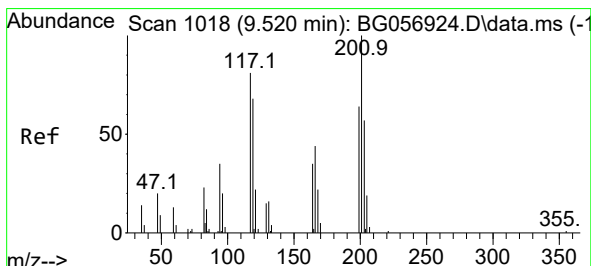
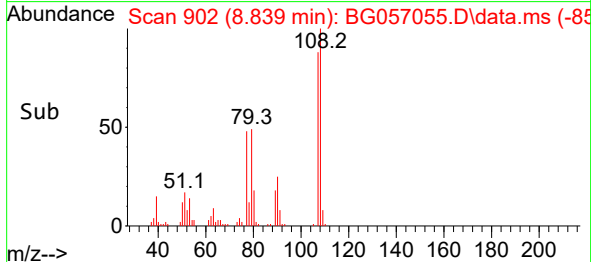
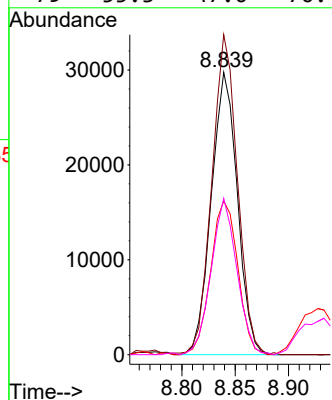
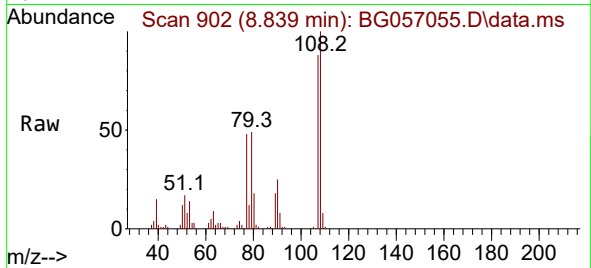




#17
2-Methylphenol
Concen: 41.467 ng
RT: 8.839 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

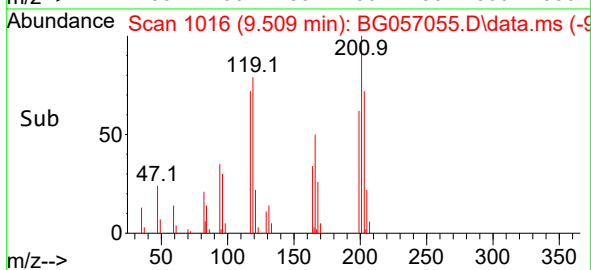
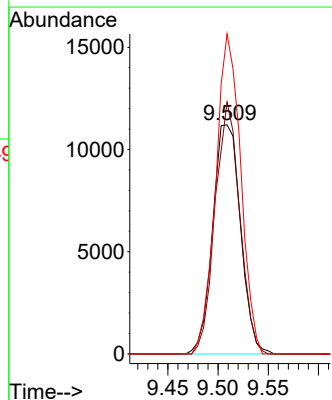
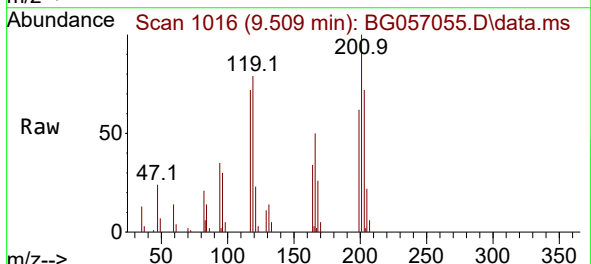
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

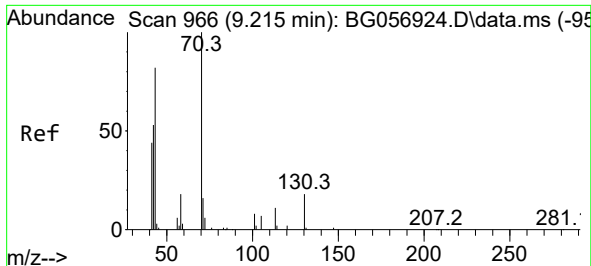
Tgt Ion:	107	Resp:	50613
Ion Ratio	Lower	Upper	
107	100		
108	113.3	96.0	144.0
77	54.4	45.6	68.4
79	55.3	47.0	70.4



#18
Hexachloroethane
Concen: 45.981 ng
RT: 9.509 min Scan# 1016
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:	117	Resp:	21551
Ion Ratio	Lower	Upper	
117	100		
119	110.0	67.0	100.6#
201	139.7	98.7	148.1

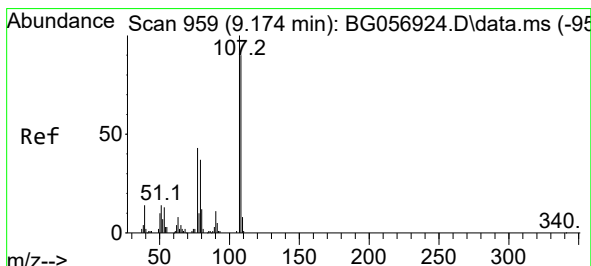
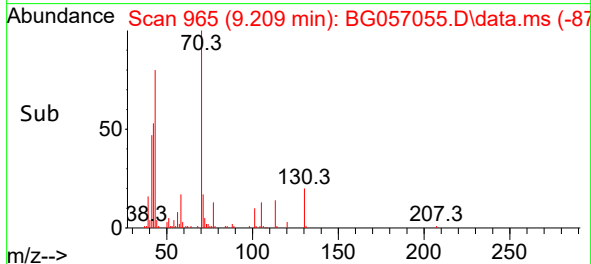
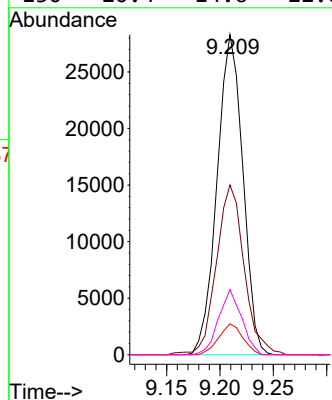
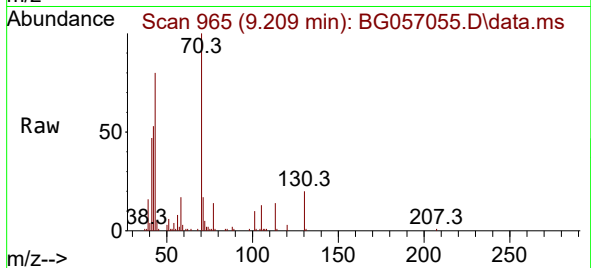




#19
n-Nitroso-di-n-propylamine
Concen: 38.486 ng
RT: 9.209 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

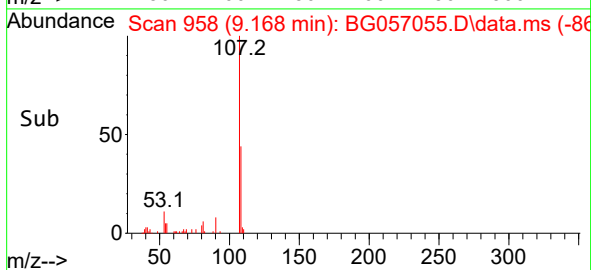
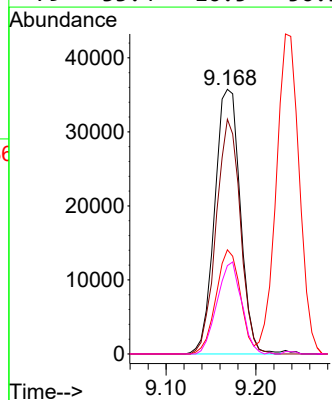
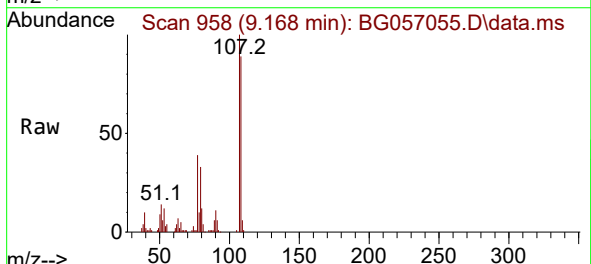
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

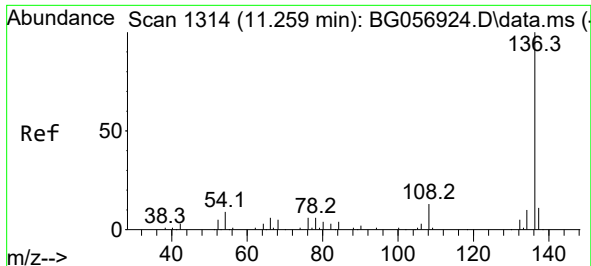
Tgt Ion: 70 Resp: 47529
Ion Ratio Lower Upper
70 100
42 53.0 43.4 65.0
101 9.6 6.2 9.2#
130 20.4 14.6 22.0



#20
3+4-Methylphenols
Concen: 41.339 ng
RT: 9.168 min Scan# 958
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion: 107 Resp: 70556
Ion Ratio Lower Upper
107 100
108 88.7 69.9 109.9
77 39.4 22.7 62.7
79 33.4 16.5 56.5

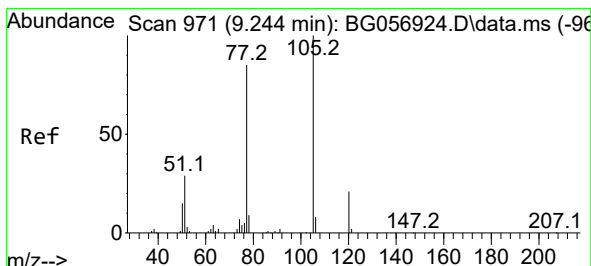
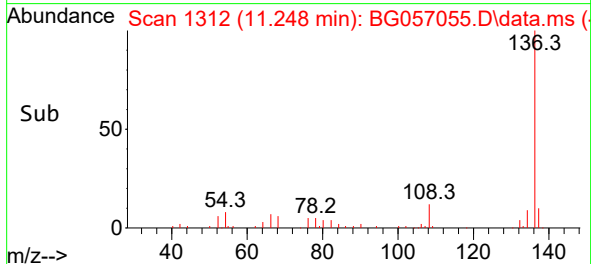
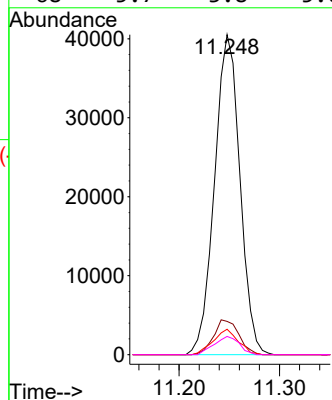
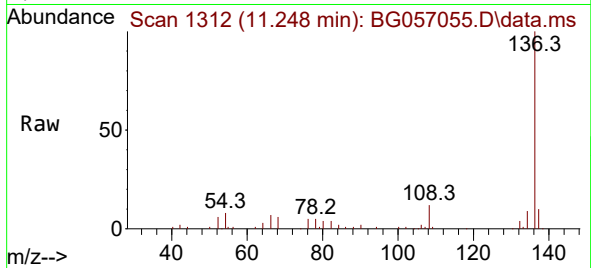




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.248 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

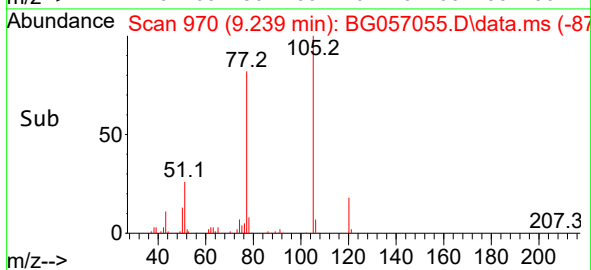
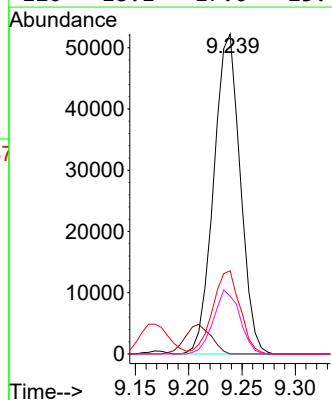
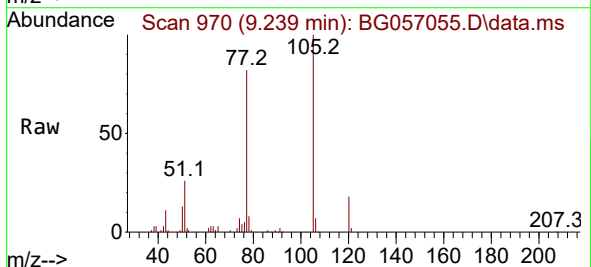
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

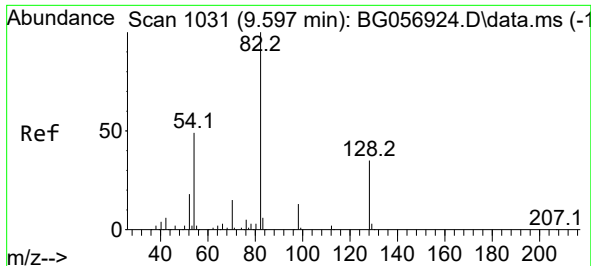
Tgt Ion:136 Resp: 71112
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.0 6.9 10.3
68 5.7 3.8 5.6#



#22
Acetophenone
Concen: 42.578 ng
RT: 9.239 min Scan# 970
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:105 Resp: 90095
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 26.0 23.8 35.8
120 18.1 17.0 25.4

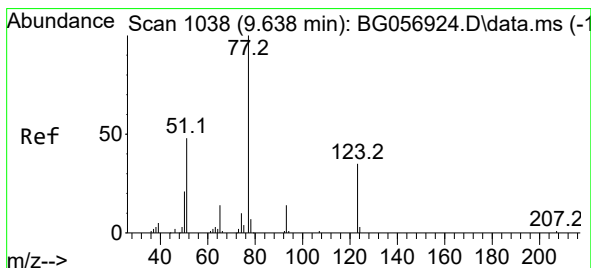
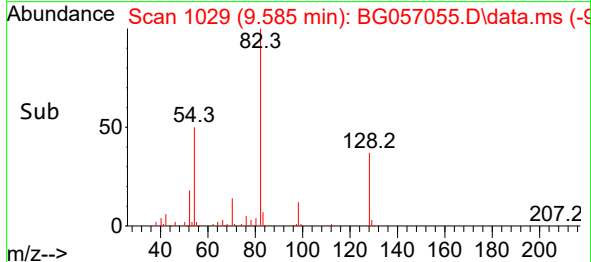
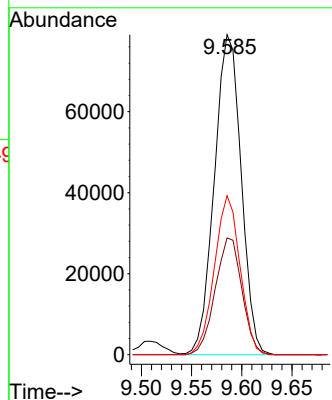
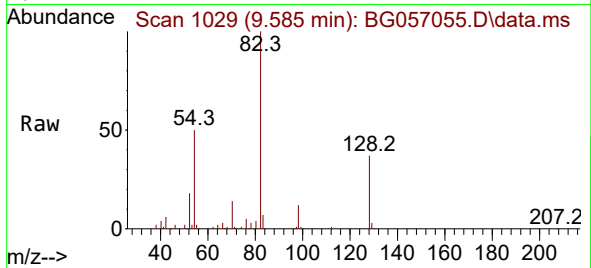




#23
Nitrobenzene-d5
Concen: 84.389 ng
RT: 9.585 min Scan# 1029
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

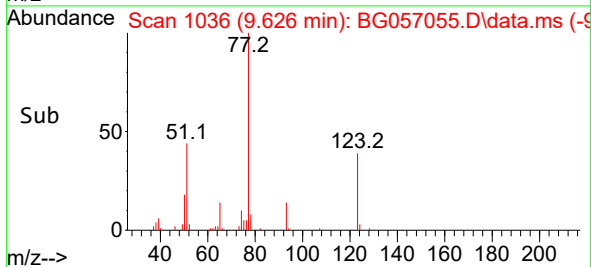
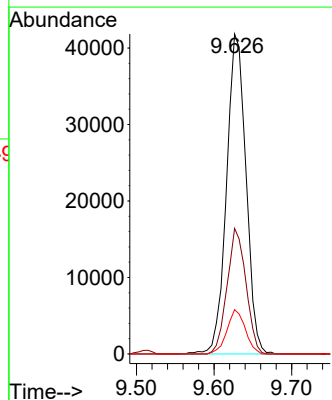
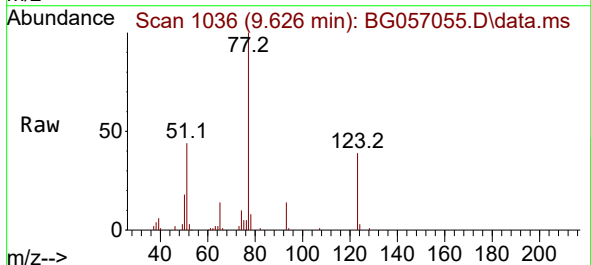
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

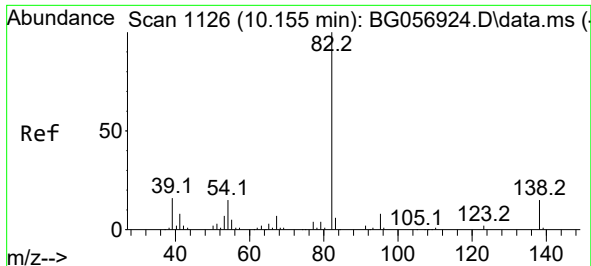
Tgt Ion: 82 Resp: 146663
Ion Ratio Lower Upper
82 100
128 36.5 27.9 41.9
54 49.7 39.4 59.2



#24
Nitrobenzene
Concen: 41.067 ng
RT: 9.626 min Scan# 1036
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion: 77 Resp: 72970
Ion Ratio Lower Upper
77 100
123 39.3 27.6 41.4
65 13.9 11.5 17.3

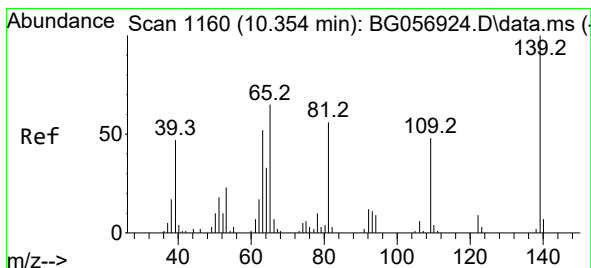
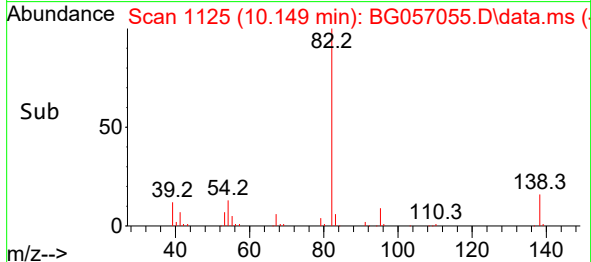
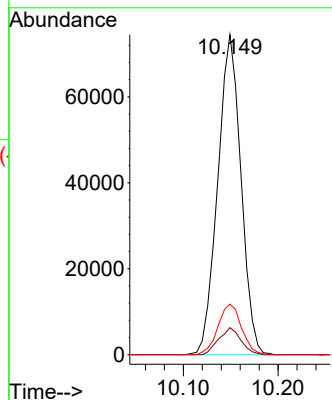
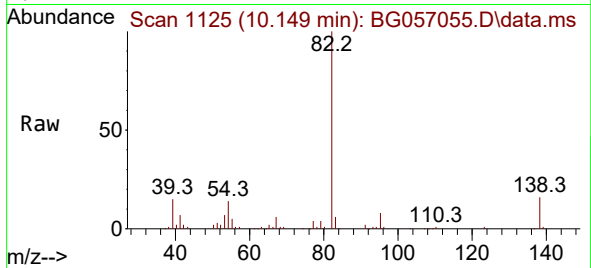




#25
Isophorone
Concen: 38.283 ng
RT: 10.149 min Scan# 1125
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

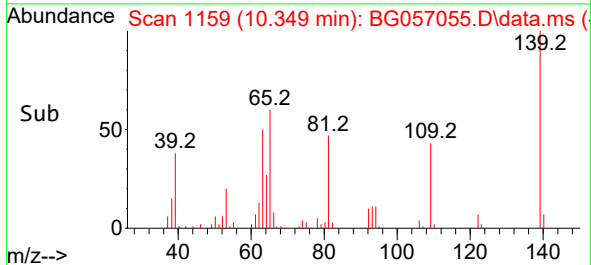
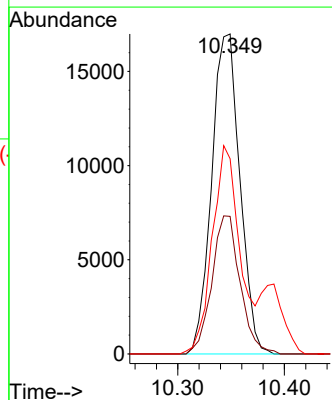
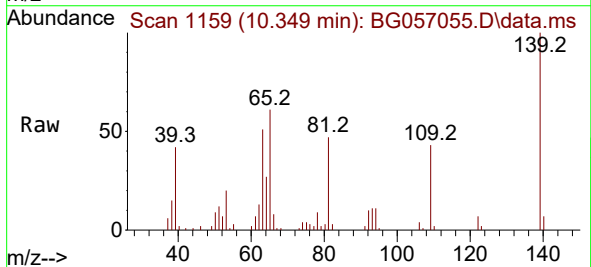
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

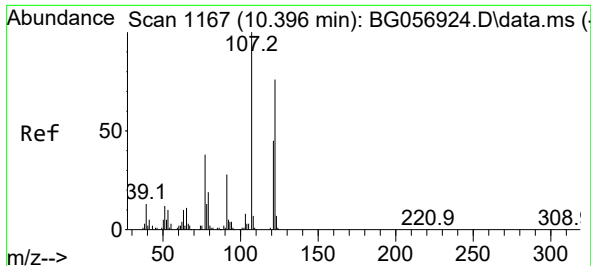
Tgt Ion: 82 Resp: 126697
Ion Ratio Lower Upper
82 100
95 8.4 6.3 9.5
138 15.8 11.8 17.8



#26
2-Nitrophenol
Concen: 45.552 ng
RT: 10.349 min Scan# 1159
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:139 Resp: 31241
Ion Ratio Lower Upper
139 100
109 43.0 38.2 57.4
65 61.0 51.8 77.8

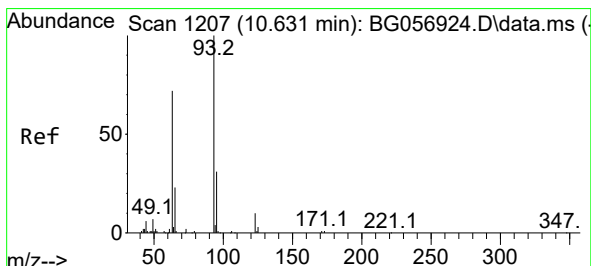
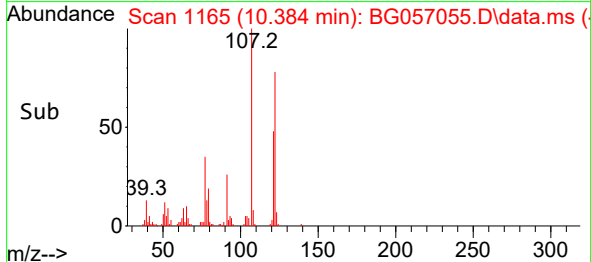
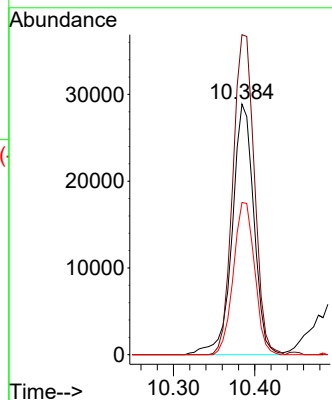
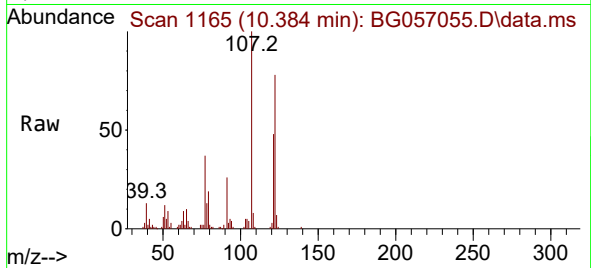




#27
2,4-Dimethylphenol
Concen: 43.963 ng
RT: 10.384 min Scan# 1165
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

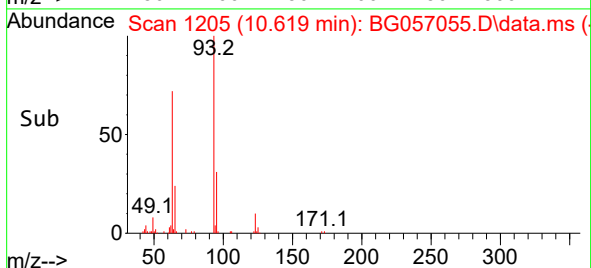
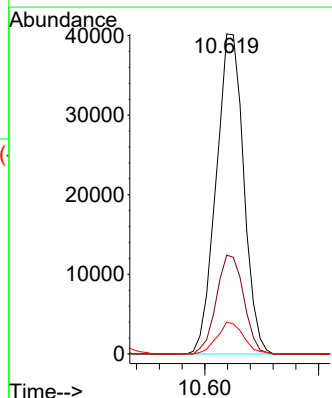
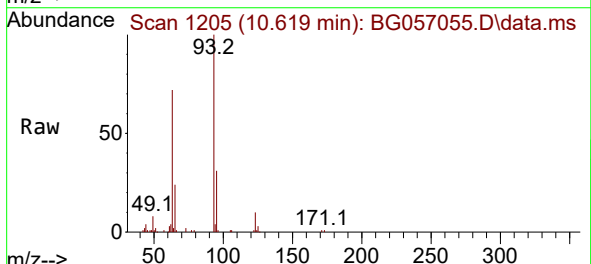
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

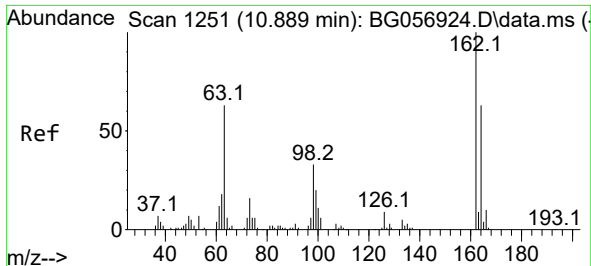
Tgt Ion:122 Resp: 53236
Ion Ratio Lower Upper
122 100
107 127.7 105.7 158.5
121 60.7 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.764 ng
RT: 10.619 min Scan# 1205
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion: 93 Resp: 67540
Ion Ratio Lower Upper
93 100
95 30.9 24.6 37.0
123 10.0 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 42.379 ng

RT: 10.884 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

Instrument :

BNA_G

ClientSampleId :

PB152037BSD

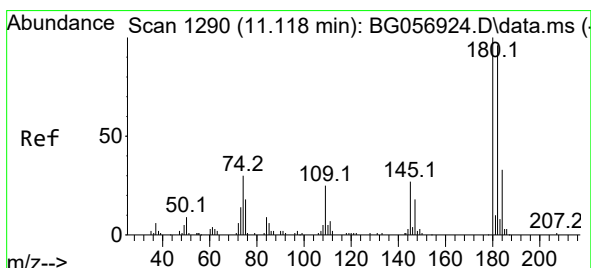
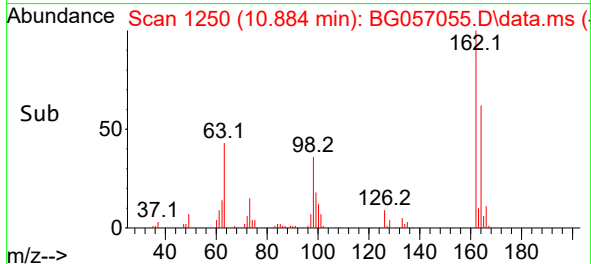
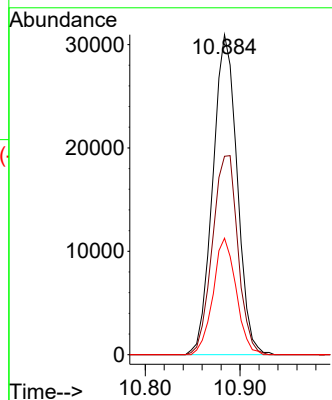
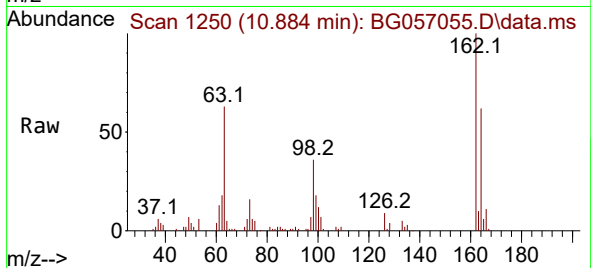
Tgt Ion:162 Resp: 55190

Ion Ratio Lower Upper

162 100

164 62.0 43.4 83.4

98 36.4 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 45.060 ng

RT: 11.107 min Scan# 1288

Delta R.T. -0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

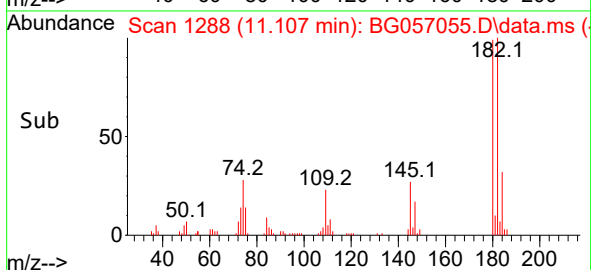
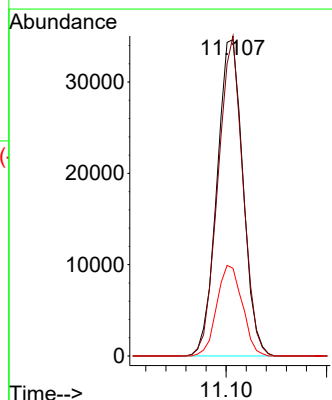
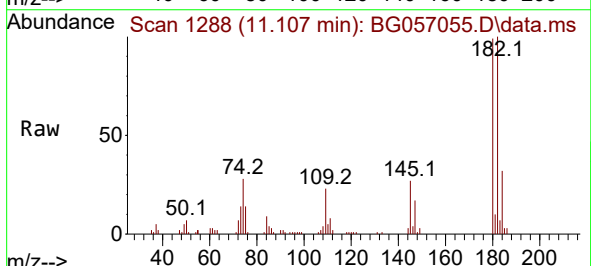
Tgt Ion:180 Resp: 62350

Ion Ratio Lower Upper

180 100

182 101.2 77.1 115.7

145 27.7 21.3 31.9

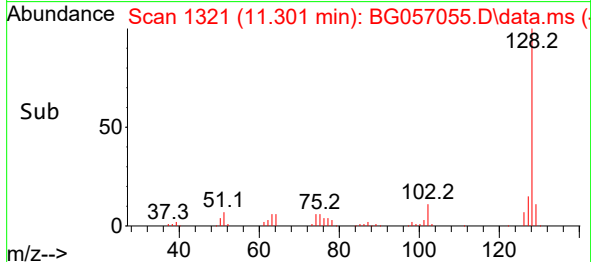
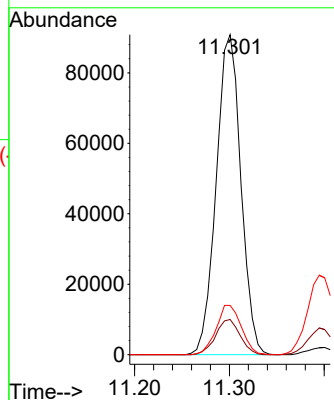
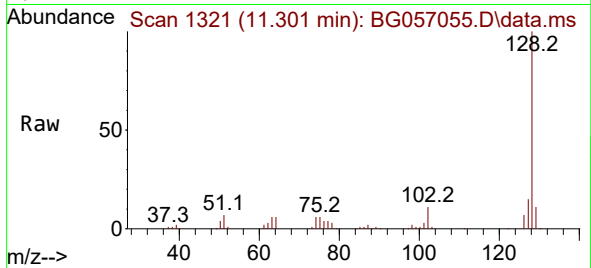




#31
Naphthalene
Concen: 42.333 ng
RT: 11.301 min Scan# 1190
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

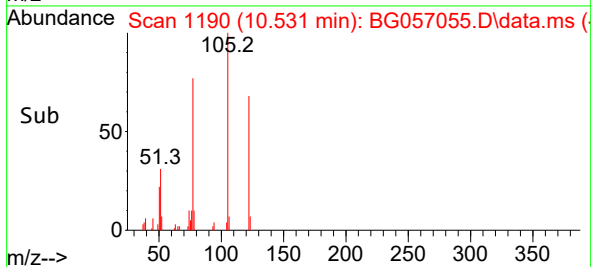
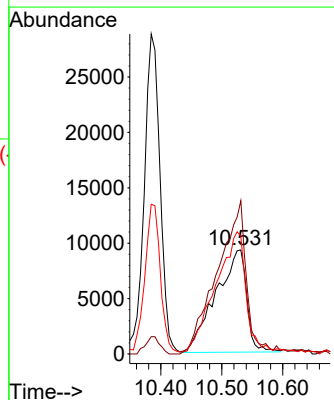
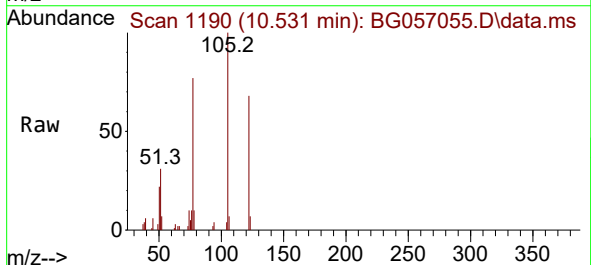
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

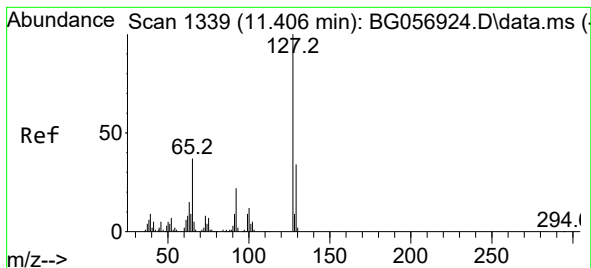
Tgt Ion:128 Resp: 164086
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 15.4 12.2 18.4



#32
Benzoic acid
Concen: 39.196 ng
RT: 10.531 min Scan# 1190
Delta R.T. 0.009 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:122 Resp: 32603
Ion Ratio Lower Upper
122 100
105 147.4 105.4 145.4#
77 113.2 87.4 127.4





#33

4-Chloroaniline

Concen: 25.231 ng

RT: 11.395 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

Instrument :

BNA_G

ClientSampleId :

PB152037BSD

Tgt Ion:127 Resp: 44170

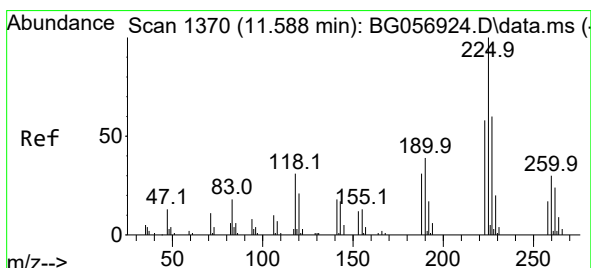
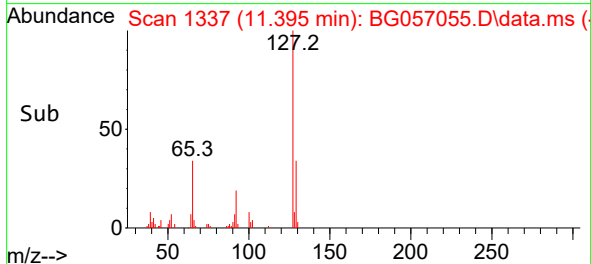
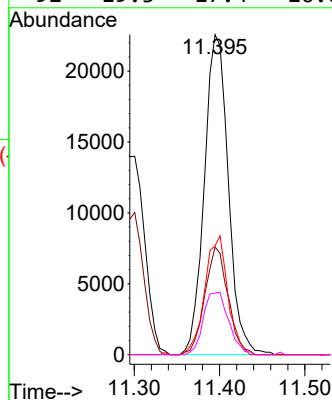
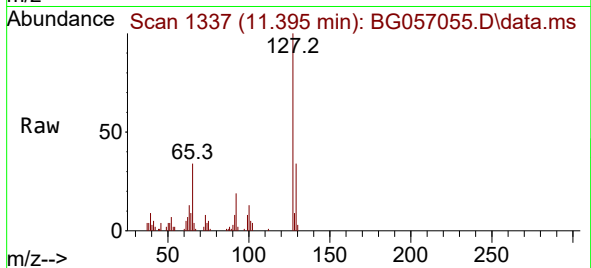
Ion Ratio Lower Upper

127 100

129 33.6 27.6 41.4

65 34.0 29.8 44.8

92 19.3 17.4 26.0



#34

Hexachlorobutadiene

Concen: 40.947 ng

RT: 11.571 min Scan# 1367

Delta R.T. -0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

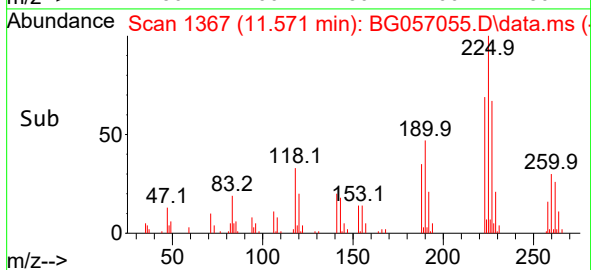
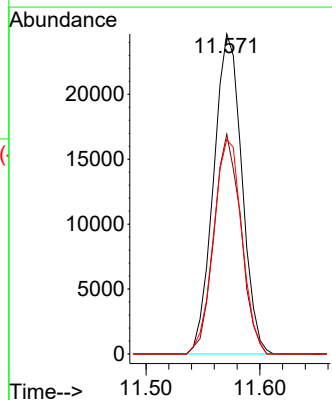
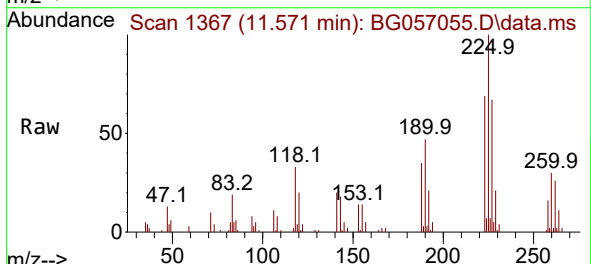
Tgt Ion:225 Resp: 42561

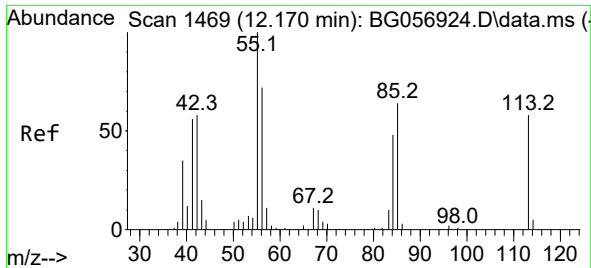
Ion Ratio Lower Upper

225 100

223 68.6 46.4 69.6

227 67.0 48.0 72.0

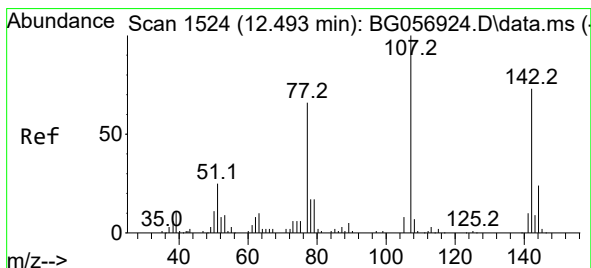
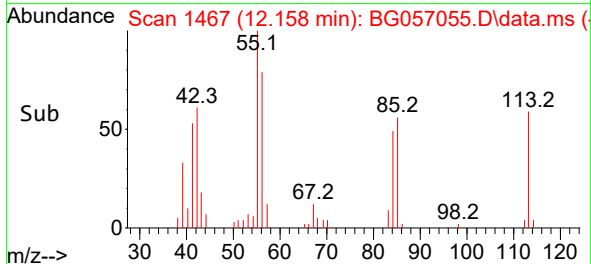
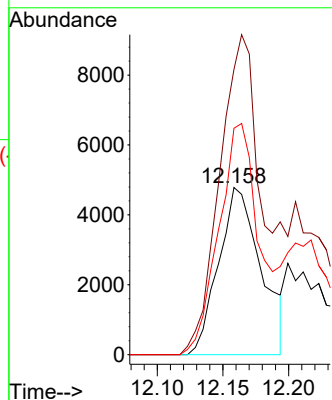
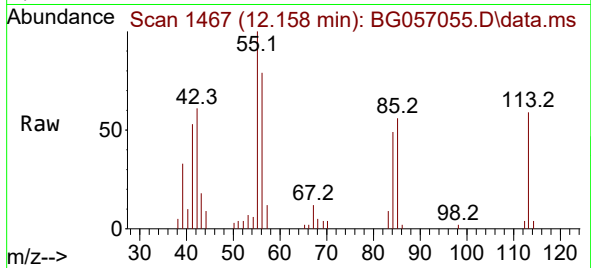




#35
 Caprolactam
 Concen: 23.838 ng
 RT: 12.158 min Scan# 1467
 Delta R.T. -0.015 min
 Lab File: BG057055.D
 Acq: 11 Apr 2023 16:14

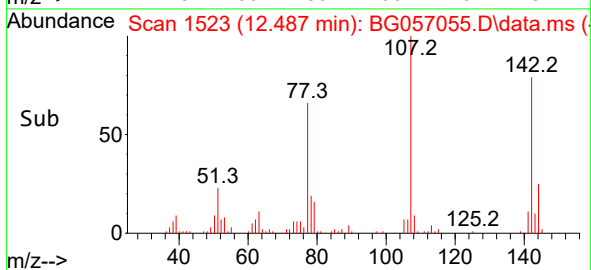
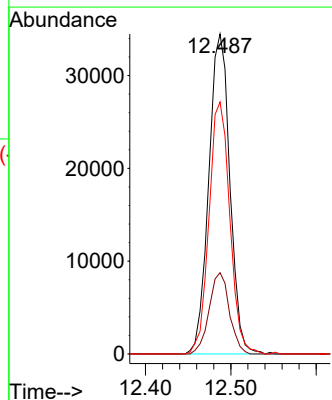
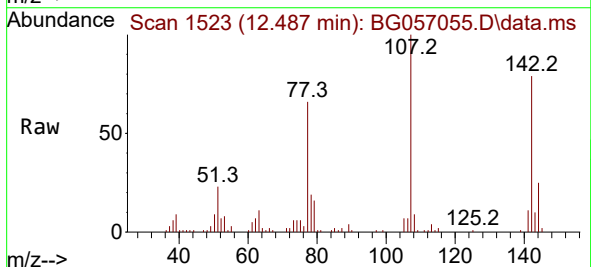
Instrument :
 BNA_G
 ClientSampleId :
 PB152037BSD

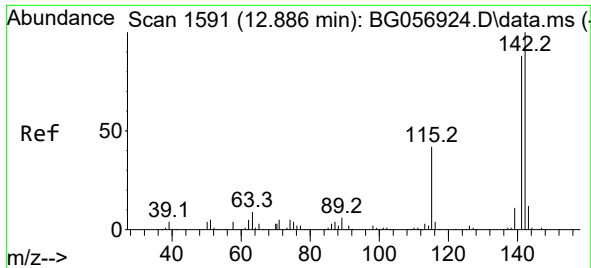
Tgt Ion:113 Resp: 10706
 Ion Ratio Lower Upper
 113 100
 55 170.6 151.6 191.6
 56 135.5 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.616 ng
 RT: 12.487 min Scan# 1523
 Delta R.T. -0.003 min
 Lab File: BG057055.D
 Acq: 11 Apr 2023 16:14

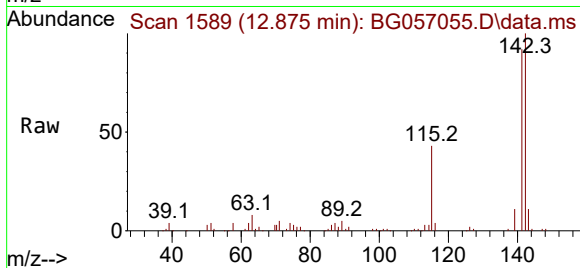
Tgt Ion:107 Resp: 59152
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.0 28.4
 142 78.8 58.6 88.0



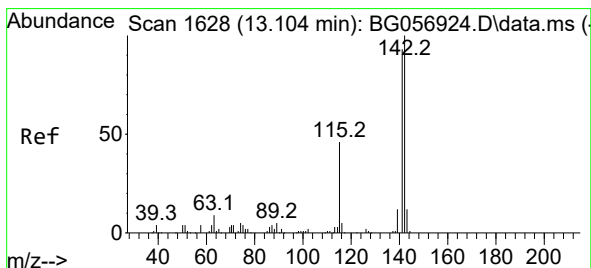
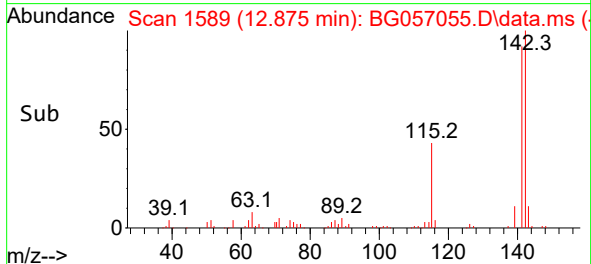
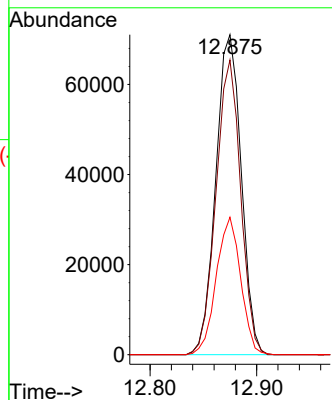


#37
2-Methylnaphthalene
Concen: 38.347 ng
RT: 12.875 min Scan# 1589
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Instrument :
BNA_G
ClientSampleId :
PB152037BSD

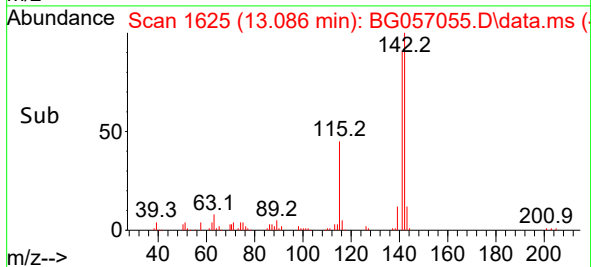
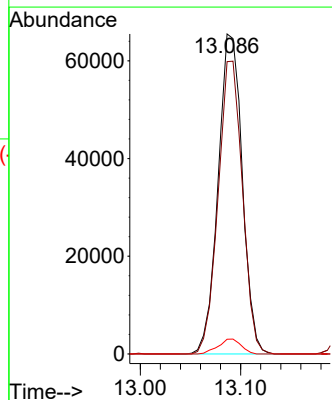
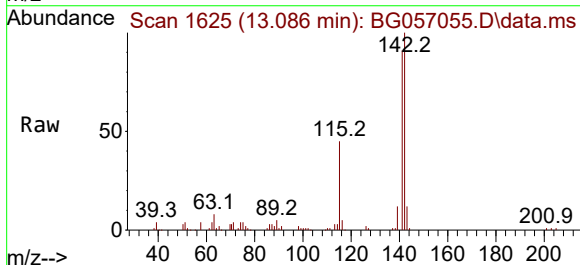


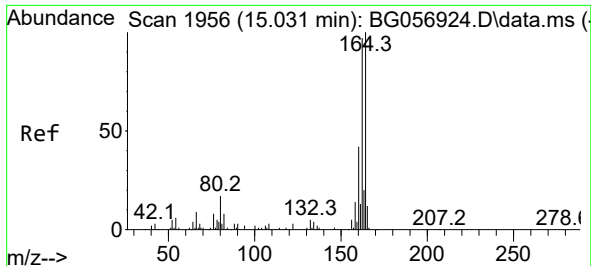
Tgt Ion:142 Resp: 117966
Ion Ratio Lower Upper
142 100
141 92.1 70.3 105.5
115 43.0 33.5 50.3



#38
1-Methylnaphthalene
Concen: 37.836 ng
RT: 13.086 min Scan# 1625
Delta R.T. -0.009 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:142 Resp: 109296
Ion Ratio Lower Upper
142 100
141 91.4 74.0 111.0
116 4.6 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.019 min Scan# 1954

Delta R.T. -0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

Instrument :

BNA_G

ClientSampleId :

PB152037BSD

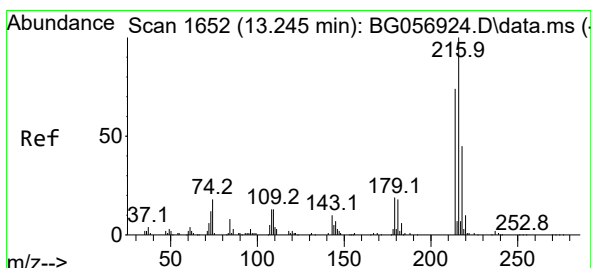
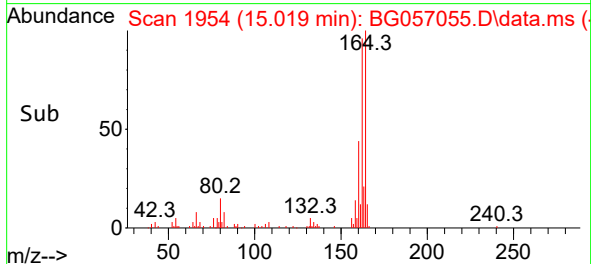
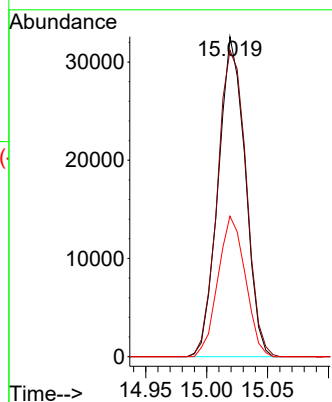
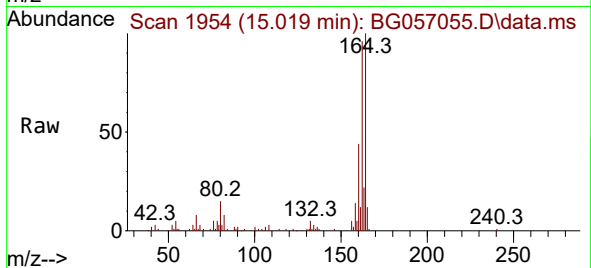
Tgt Ion:164 Resp: 50110

Ion Ratio Lower Upper

164 100

162 95.8 77.8 116.8

160 43.9 33.5 50.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.660 ng

RT: 13.233 min Scan# 1650

Delta R.T. -0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

Tgt Ion:216 Resp: 81080

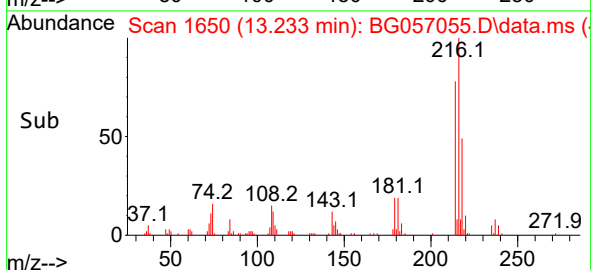
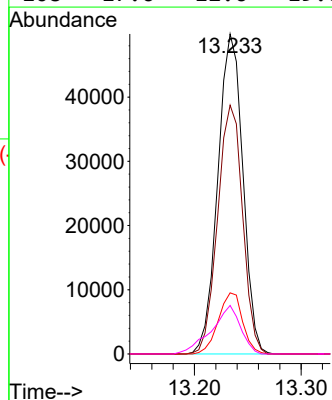
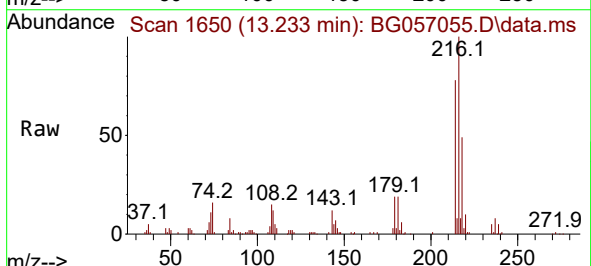
Ion Ratio Lower Upper

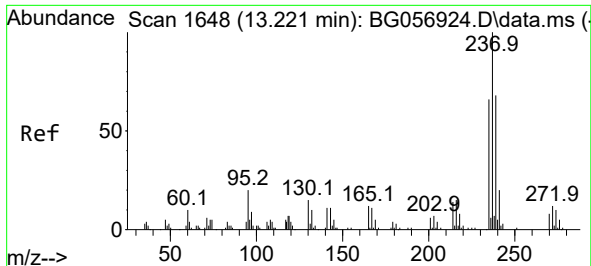
216 100

214 77.4 63.3 94.9

179 18.5 15.0 22.6

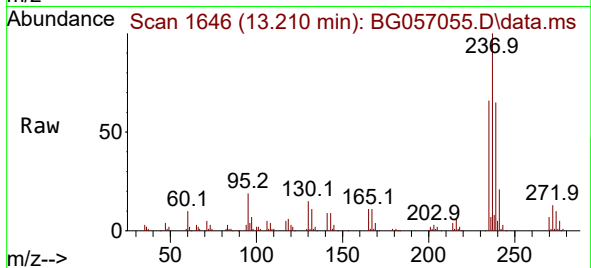
108 17.6 12.6 19.0



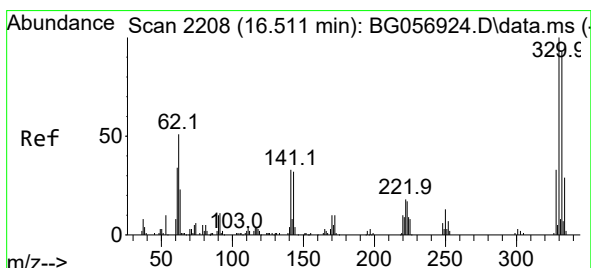
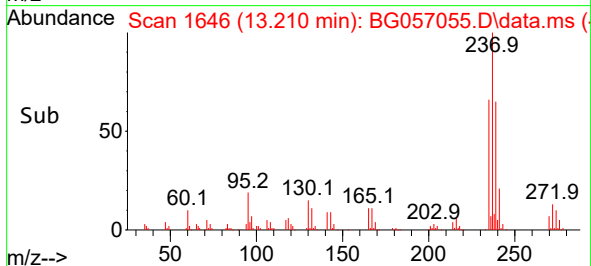
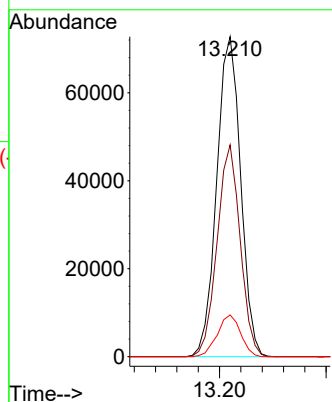


#41
Hexachlorocyclopentadiene
Concen: 118.203 ng
RT: 13.210 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Instrument :
BNA_G
ClientSampleId :
PB152037BSD

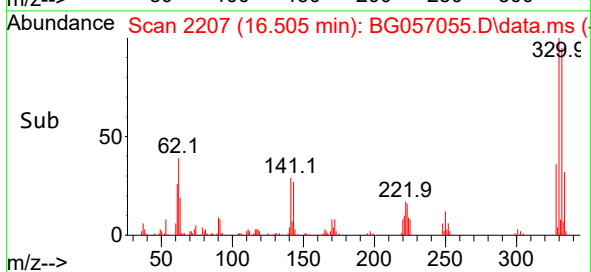
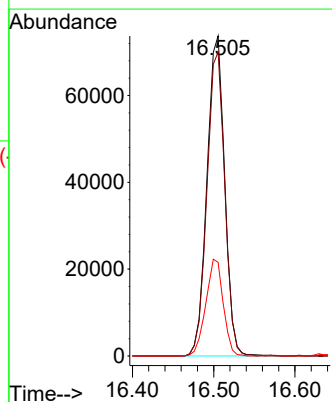
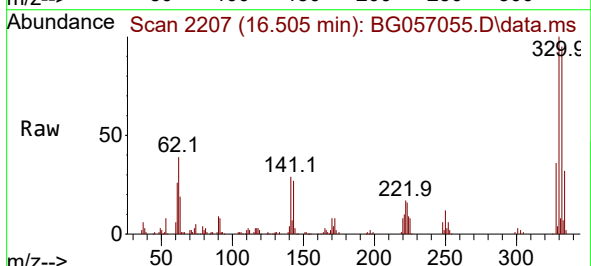


Tgt Ion:237 Resp: 113169
Ion Ratio Lower Upper
237 100
235 66.2 45.9 85.9
272 13.1 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 139.270 ng
RT: 16.505 min Scan# 2207
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:330 Resp: 111489
Ion Ratio Lower Upper
330 100
332 95.2 76.1 114.1
141 29.7 25.8 38.6

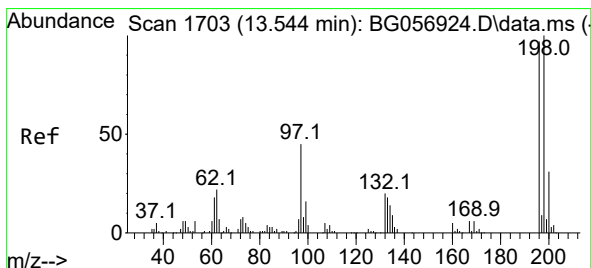
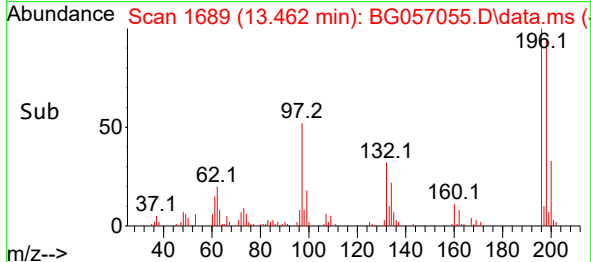
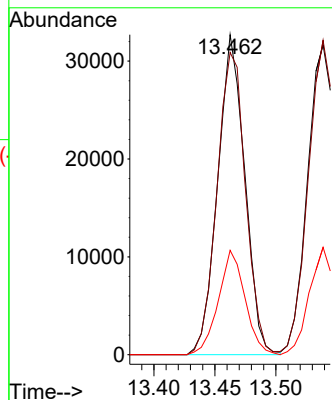
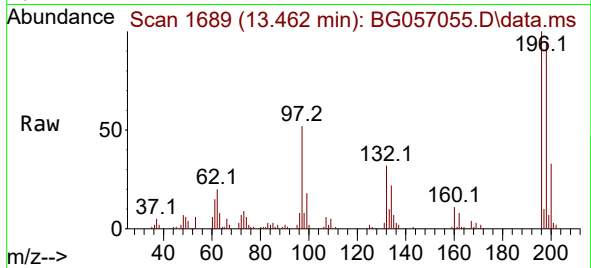




#43
2,4,6-Trichlorophenol
Concen: 45.523 ng
RT: 13.462 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

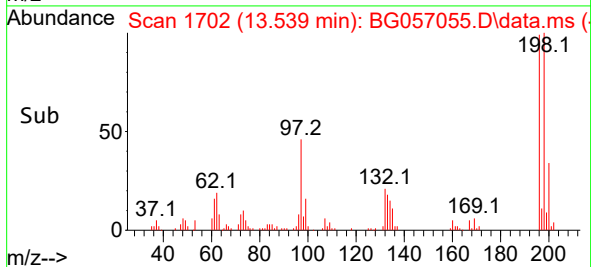
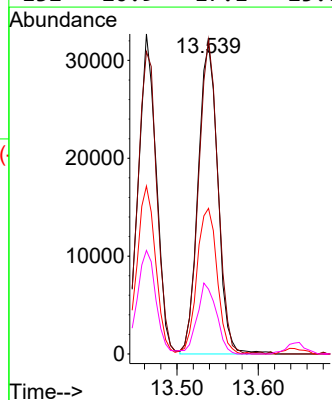
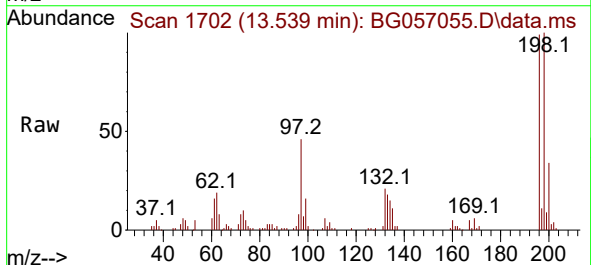
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

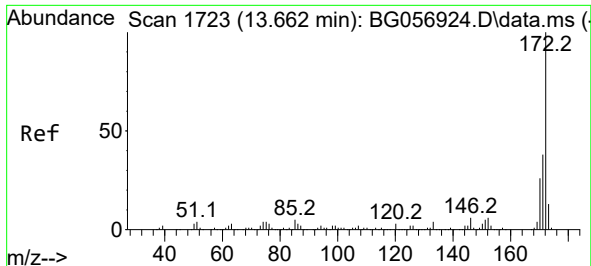
Tgt Ion:196 Resp: 50479
Ion Ratio Lower Upper
196 100
198 94.5 79.1 118.7
200 32.6 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 40.910 ng
RT: 13.539 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:196 Resp: 53741
Ion Ratio Lower Upper
196 100
198 101.5 82.5 123.7
97 47.0 37.0 55.6
132 20.9 17.1 25.7

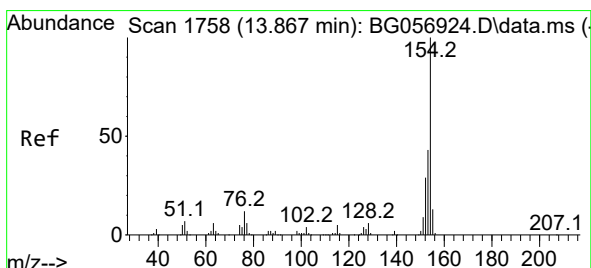
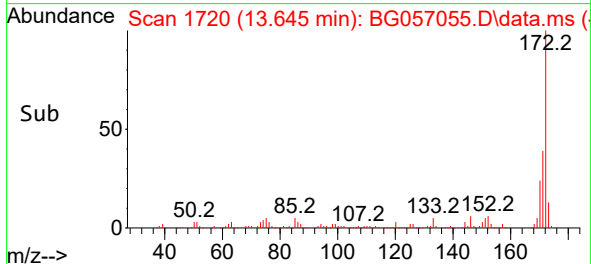
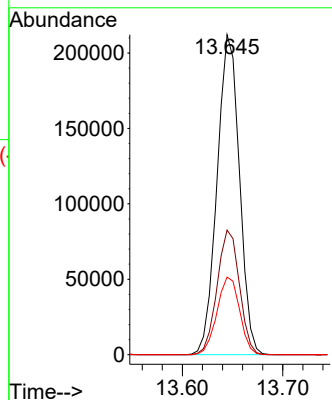
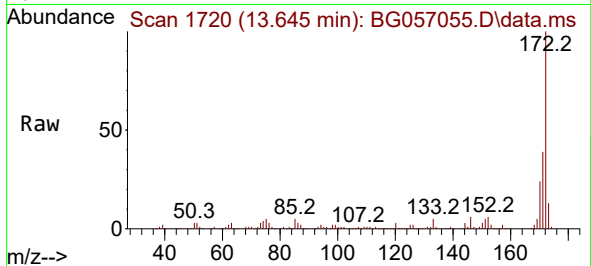




#45
2-Fluorobiphenyl
Concen: 88.573 ng
RT: 13.645 min Scan# 1720
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

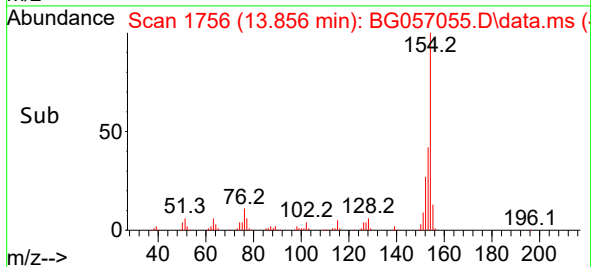
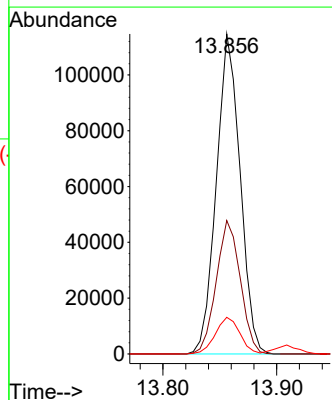
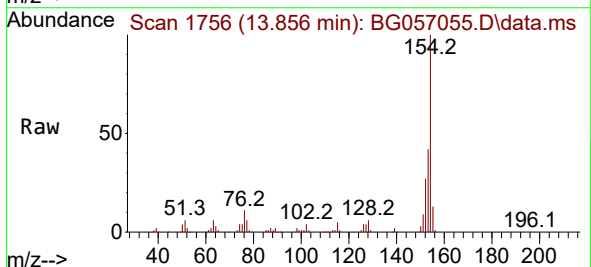
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

Tgt Ion:172 Resp: 327314
Ion Ratio Lower Upper
172 100
171 38.9 30.6 46.0
170 24.2 20.6 30.8



#46
1,1'-Biphenyl
Concen: 45.364 ng
RT: 13.856 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:154 Resp: 166403
Ion Ratio Lower Upper
154 100
153 41.7 23.4 63.4
76 11.5 0.0 31.6

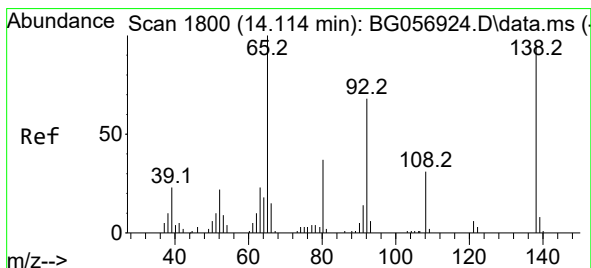
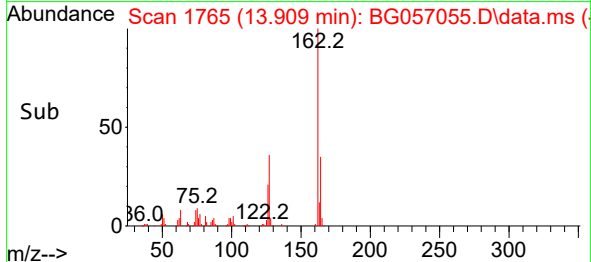
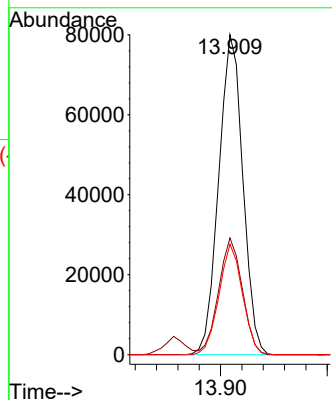
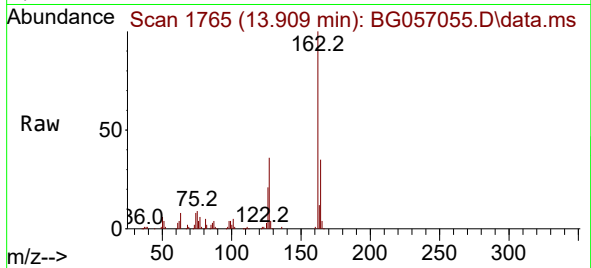




#47
2-Chloronaphthalene
Concen: 46.192 ng
RT: 13.909 min Scan# 1765
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

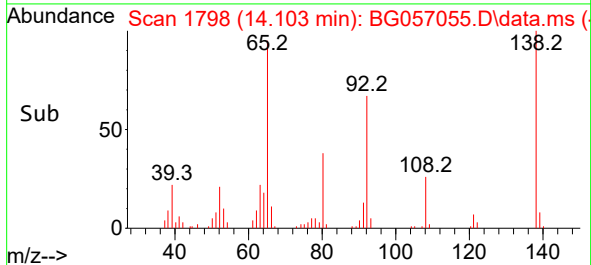
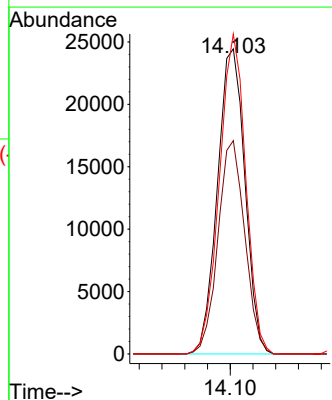
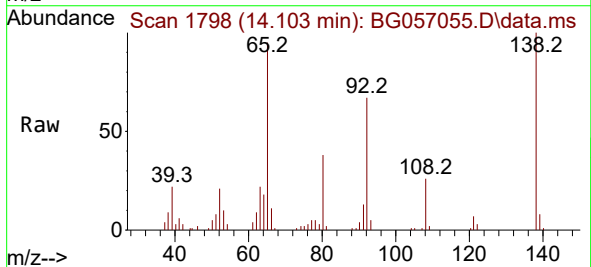
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

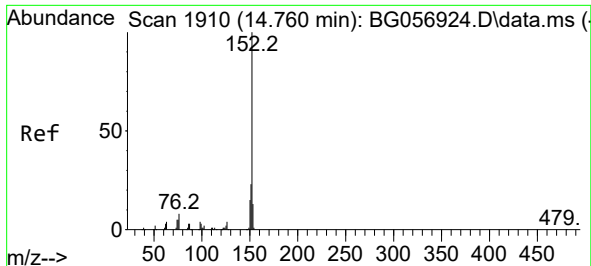
Tgt Ion:162 Resp: 125319
Ion Ratio Lower Upper
162 100
127 36.5 29.5 44.3
164 34.5 25.5 38.3



#48
2-Nitroaniline
Concen: 42.267 ng
RT: 14.103 min Scan# 1798
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion: 65 Resp: 41003
Ion Ratio Lower Upper
65 100
92 69.9 54.3 81.5
138 104.9 76.0 114.0

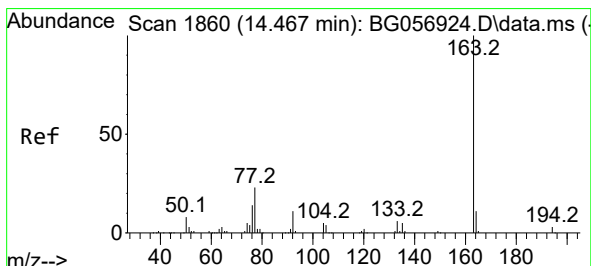
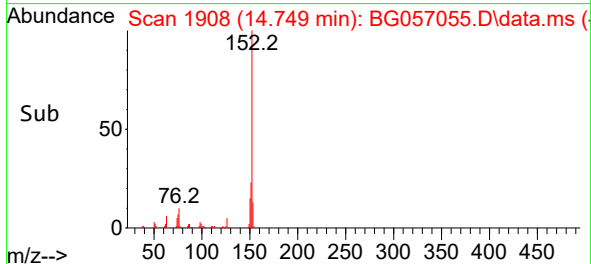
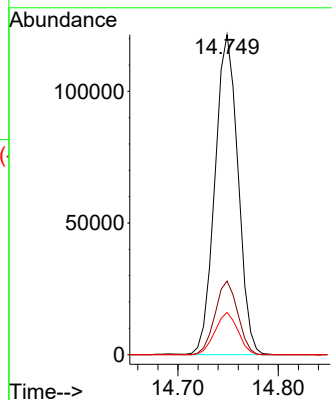
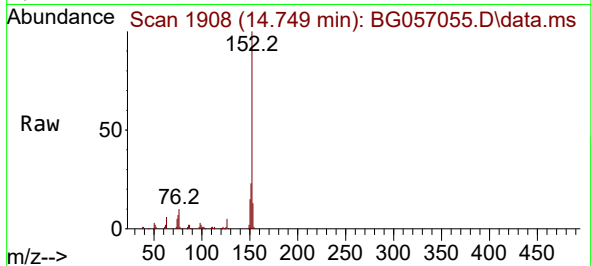




#49
Acenaphthylene
Concen: 43.467 ng
RT: 14.749 min Scan# 1910
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

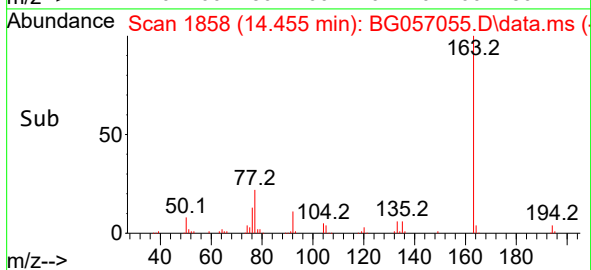
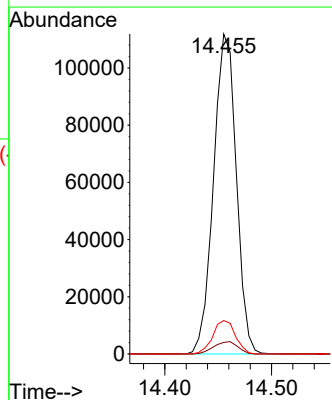
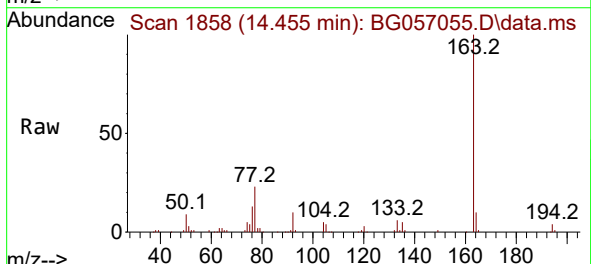
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

Tgt Ion:152 Resp: 193754
Ion Ratio Lower Upper
152 100
151 23.0 18.2 27.2
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 41.969 ng
RT: 14.455 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:163 Resp: 165706
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.5 8.8 13.2

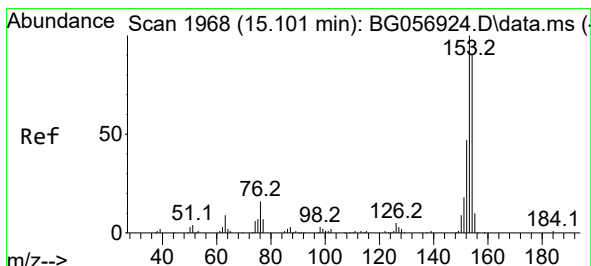
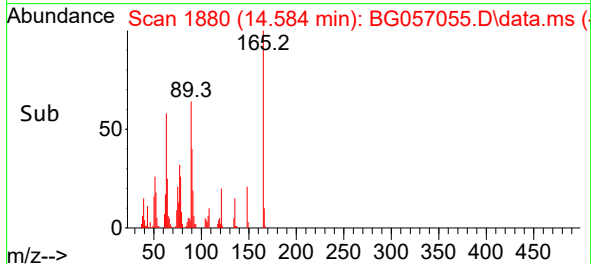
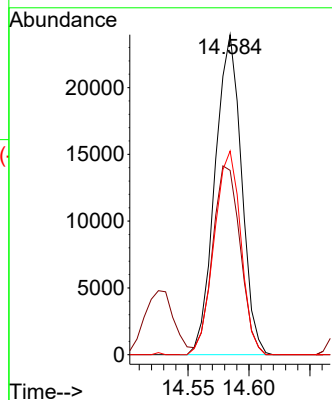
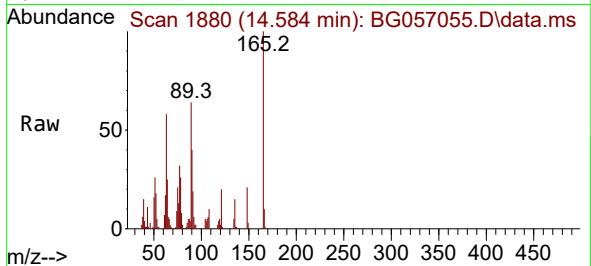




#51
2,6-Dinitrotoluene
Concen: 42.492 ng
RT: 14.584 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

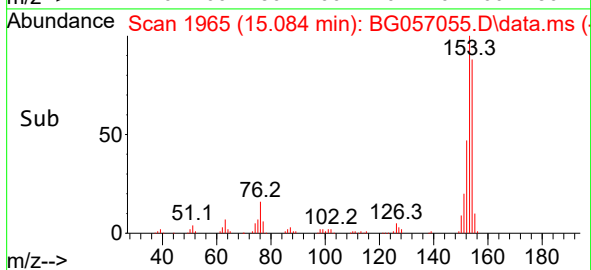
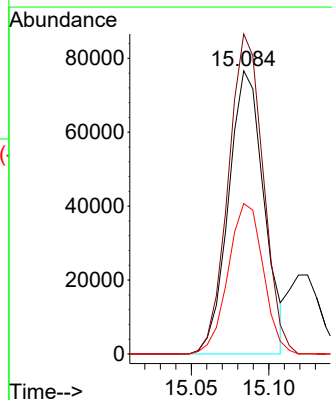
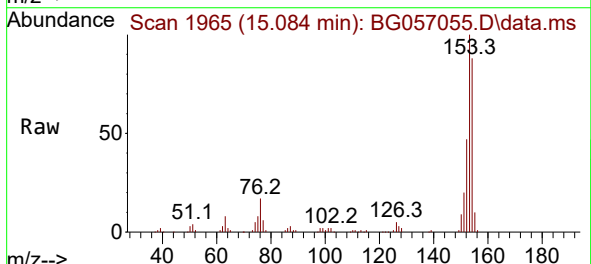
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

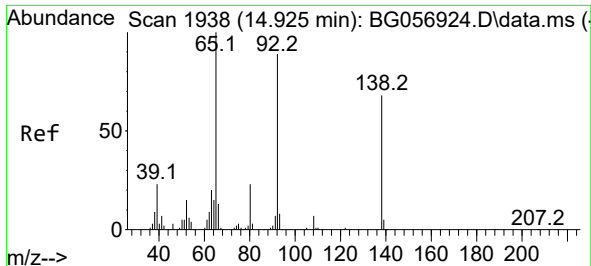
Tgt Ion:165 Resp: 36249
Ion Ratio Lower Upper
165 100
63 57.6 53.0 79.6
89 63.6 51.0 76.4



#52
Acenaphthene
Concen: 39.581 ng
RT: 15.084 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:154 Resp: 121680
Ion Ratio Lower Upper
154 100
153 113.0 88.9 133.3
152 53.1 41.8 62.8

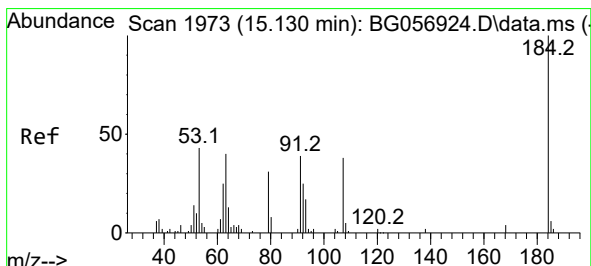
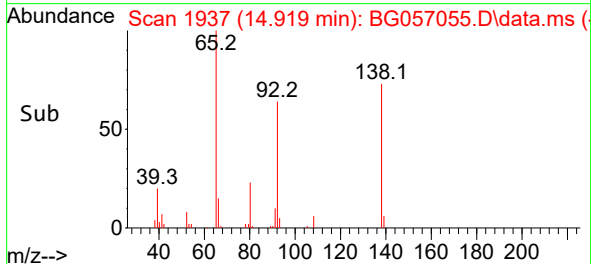
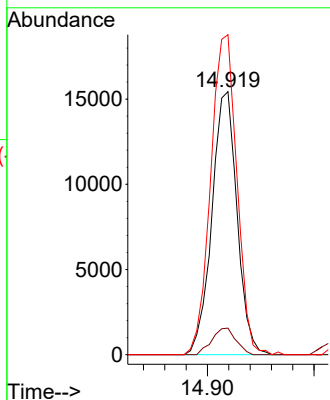
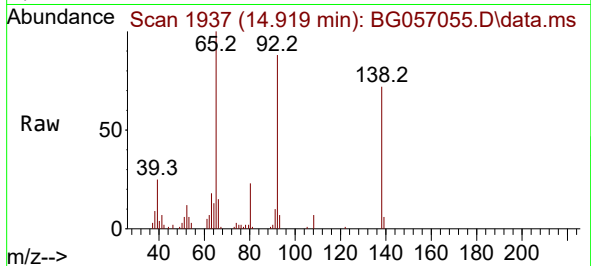




#53
3-Nitroaniline
Concen: 29.926 ng
RT: 14.919 min Scan# 1937
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

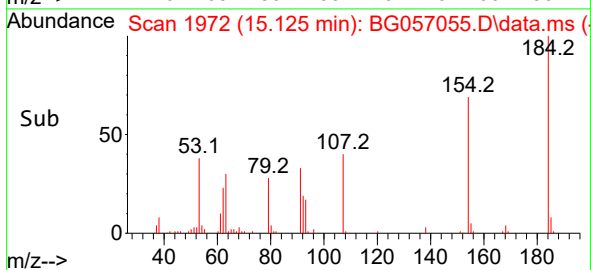
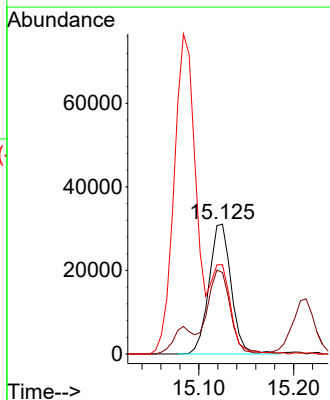
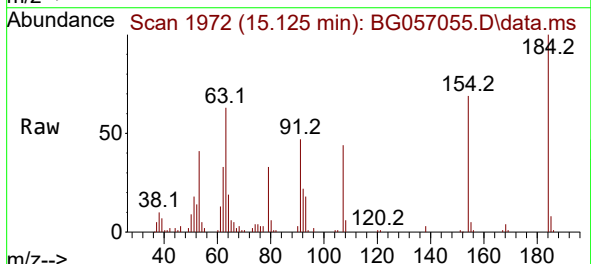
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

Tgt Ion:138 Resp: 25269
Ion Ratio Lower Upper
138 100
108 10.1 8.2 12.2
92 121.7 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 105.387 ng
RT: 15.125 min Scan# 1972
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:184 Resp: 50603
Ion Ratio Lower Upper
184 100
63 62.8 46.5 69.7
154 68.8 53.5 80.3

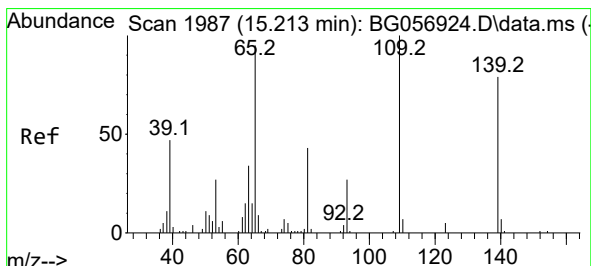
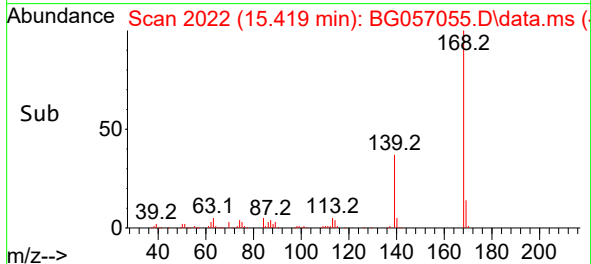
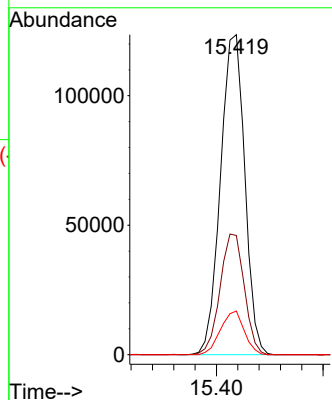
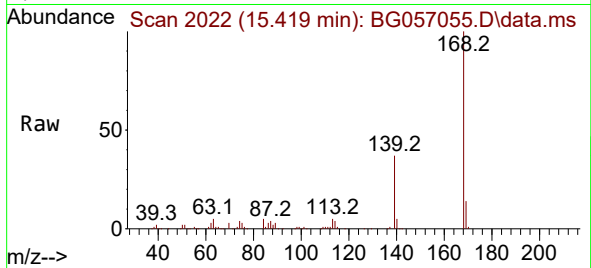




#55
Dibenzenofuran
Concen: 42.287 ng
RT: 15.419 min Scan# 2024
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

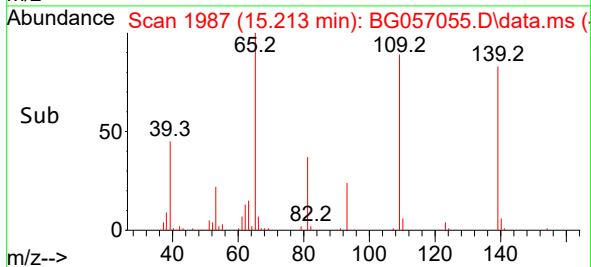
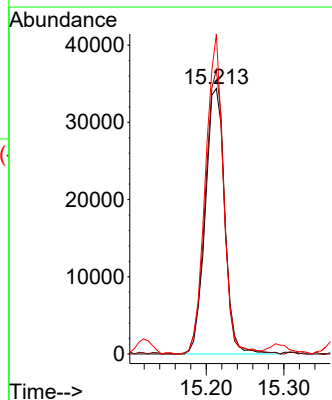
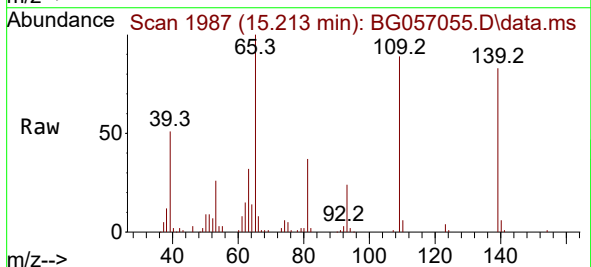
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

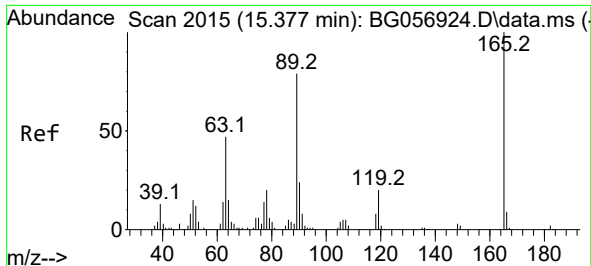
Tgt Ion:168 Resp: 195114
Ion Ratio Lower Upper
168 100
139 37.2 28.9 43.3
169 13.7 9.8 14.6



#56
4-Nitrophenol
Concen: 95.862 ng
RT: 15.213 min Scan# 1987
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:139 Resp: 59856
Ion Ratio Lower Upper
139 100
109 107.0 106.7 146.7
65 120.5 100.5 140.5

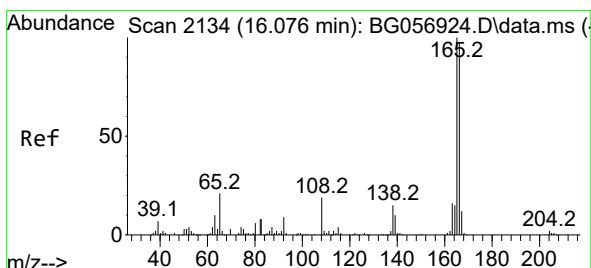
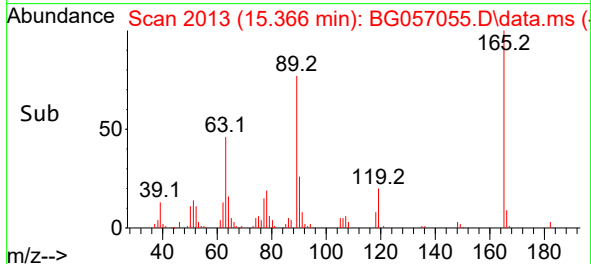
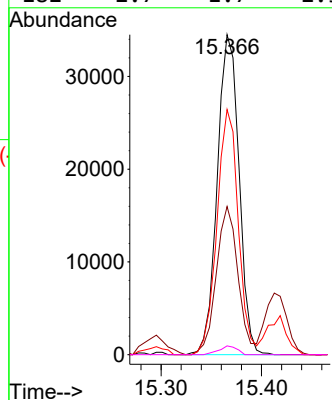
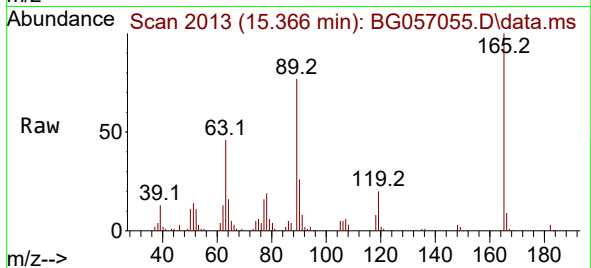




#57
2,4-Dinitrotoluene
Concen: 43.259 ng
RT: 15.366 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

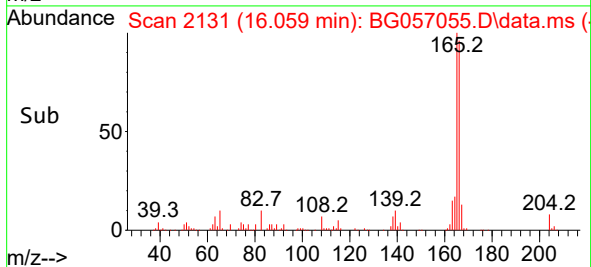
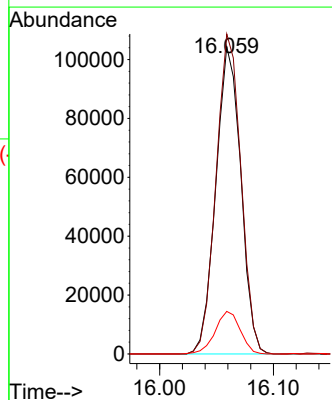
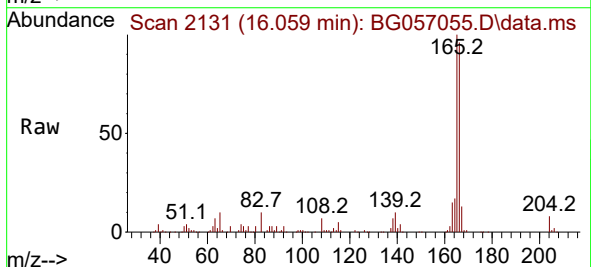
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

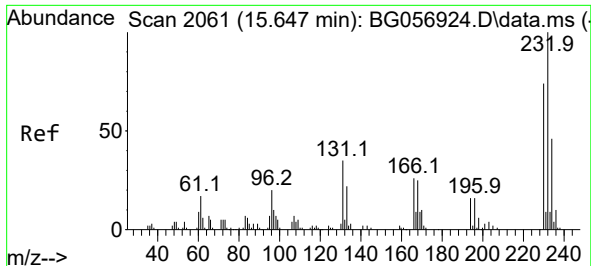
Tgt Ion:165 Resp: 52048
Ion Ratio Lower Upper
165 100
63 46.3 37.7 56.5
89 76.6 63.2 94.8
182 2.7 1.7 2.5#



#58
Fluorene
Concen: 41.699 ng
RT: 16.059 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:166 Resp: 159210
Ion Ratio Lower Upper
166 100
165 104.1 82.6 123.8
167 13.8 10.2 15.2

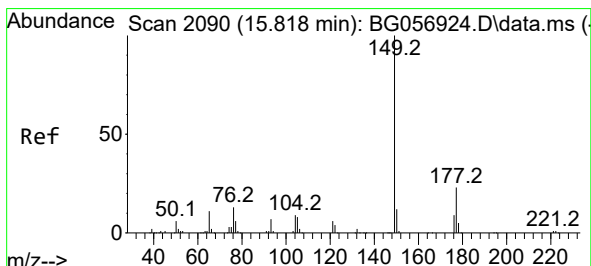
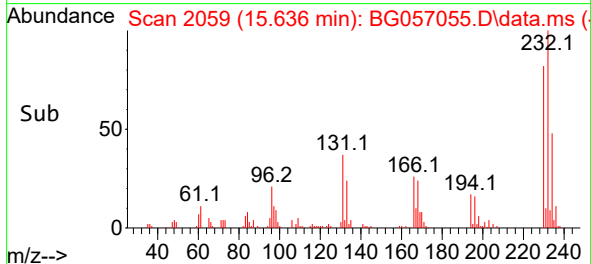
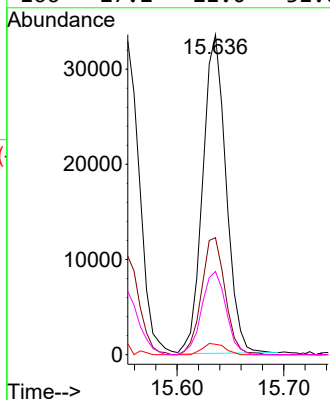
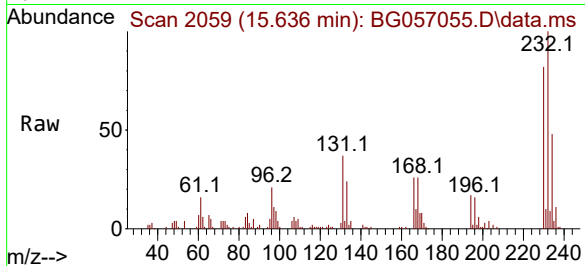




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.463 ng
RT: 15.636 min Scan# 2061
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

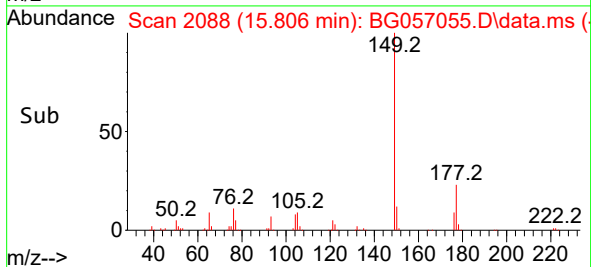
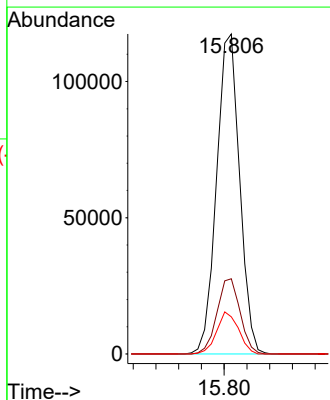
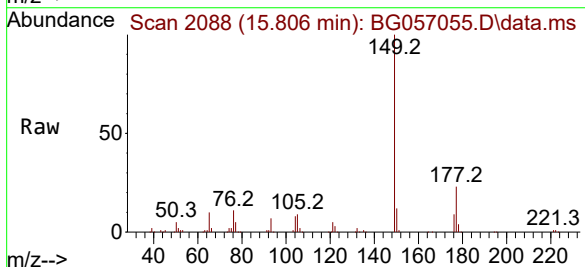
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

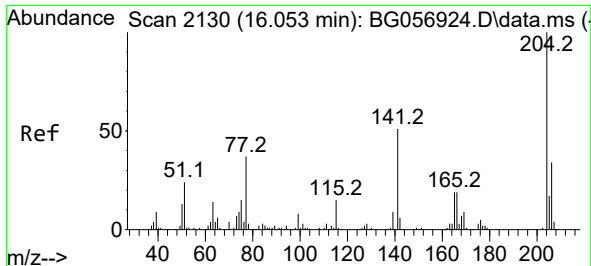
Tgt Ion:232 Resp: 50789
Ion Ratio Lower Upper
232 100
131 37.3 29.3 43.9
130 3.4 1.7 2.5#
166 27.2 21.0 31.6



#60
Diethylphthalate
Concen: 41.760 ng
RT: 15.806 min Scan# 2088
Delta R.T. 0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:149 Resp: 165294
Ion Ratio Lower Upper
149 100
177 23.5 18.8 28.2
150 11.6 9.4 14.2

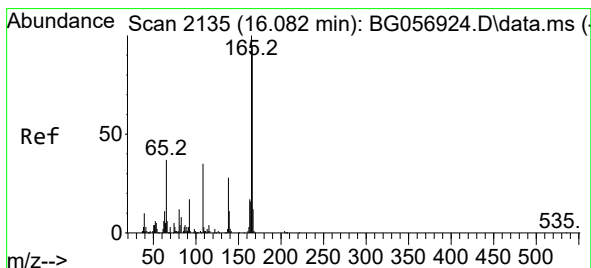
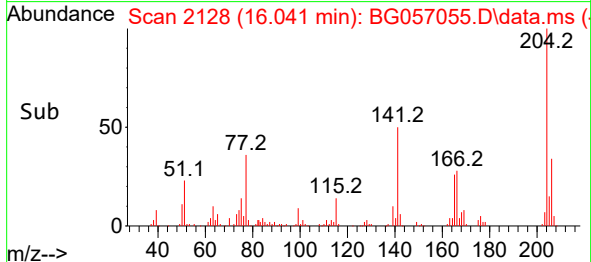
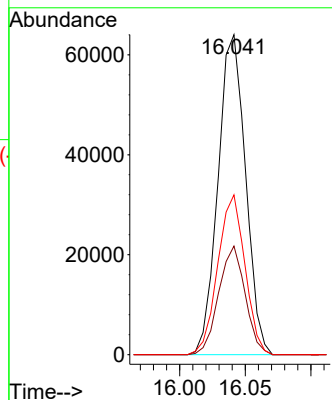
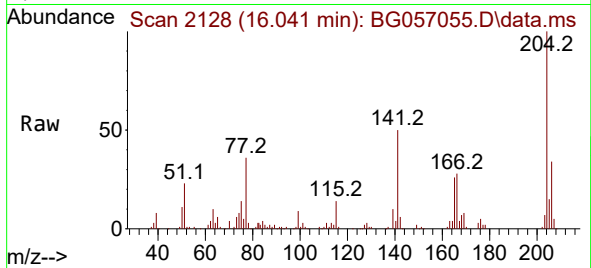




#61
4-Chlorophenyl-phenylether
Concen: 41.654 ng
RT: 16.041 min Scan# 2112
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

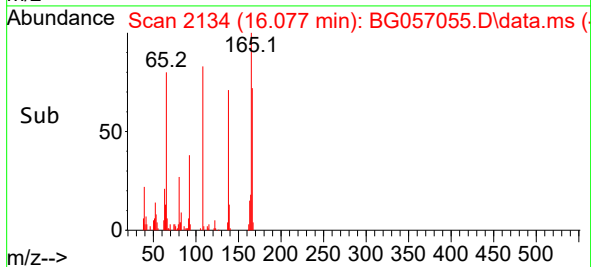
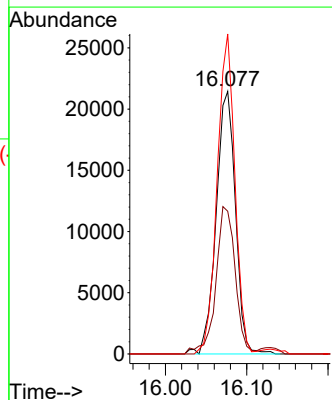
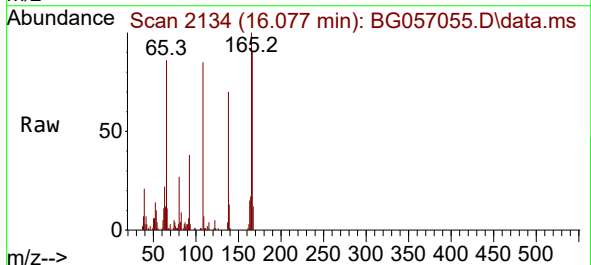
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

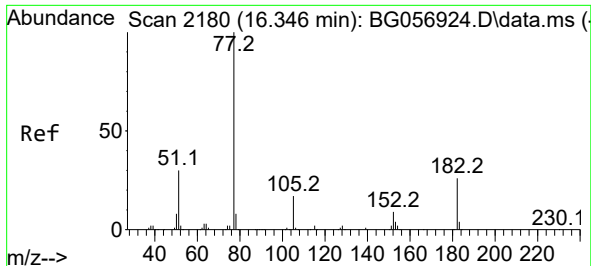
Tgt Ion:204 Resp: 93376
Ion Ratio Lower Upper
204 100
206 33.9 27.2 40.8
141 49.9 40.7 61.1



#62
4-Nitroaniline
Concen: 40.517 ng
RT: 16.077 min Scan# 2134
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:138 Resp: 35446
Ion Ratio Lower Upper
138 100
92 54.3 40.9 80.9
108 121.9 104.3 144.3

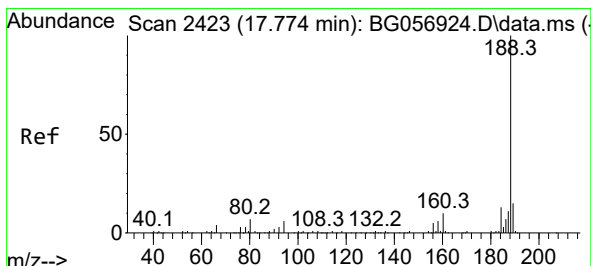
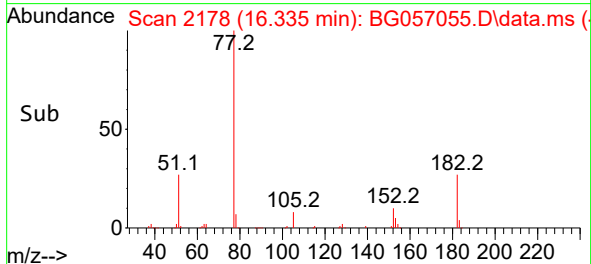
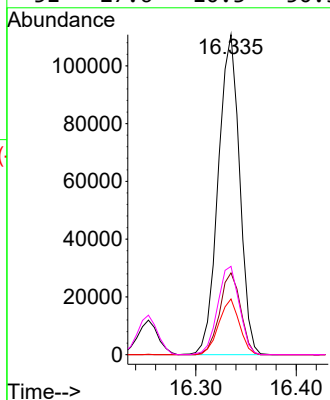
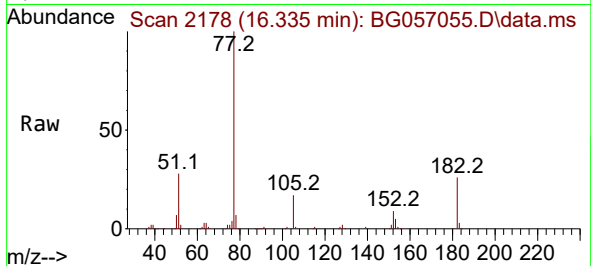




#63
Azobenzene
Concen: 41.455 ng
RT: 16.335 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

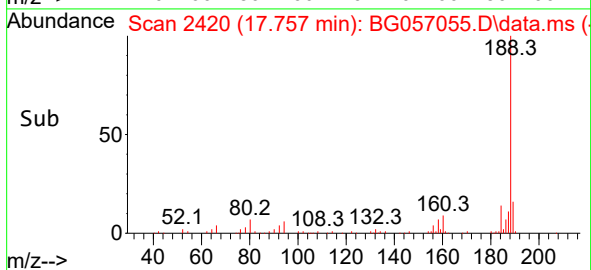
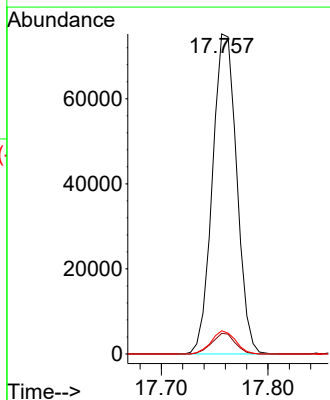
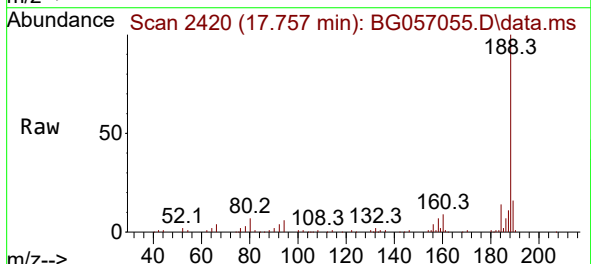
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

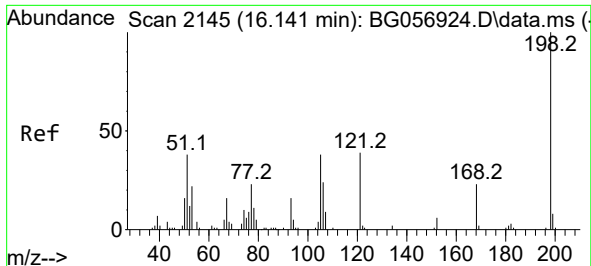
Tgt Ion: 77	Resp: 163525
Ion Ratio	Lower Upper
77 100	
182 25.6	5.9 45.9
105 17.4	0.0 36.8
51 27.6	10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.757 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:188	Resp: 118796
Ion Ratio	Lower Upper
188 100	
94 6.5	4.6 6.8
80 7.3	5.5 8.3

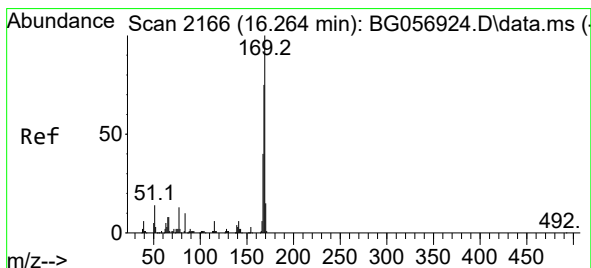
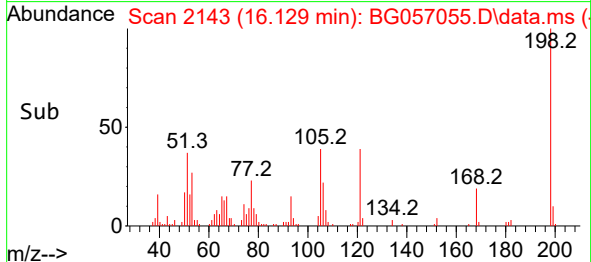
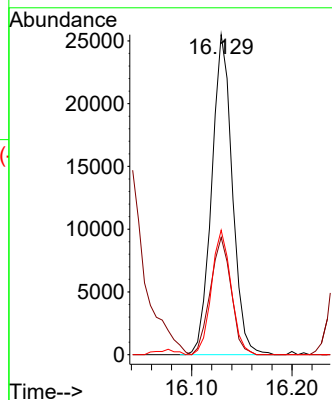
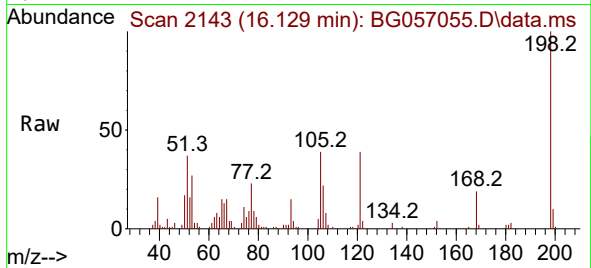




#65
4,6-Dinitro-2-methylphenol
Concen: 50.556 ng
RT: 16.129 min Scan# 2143
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

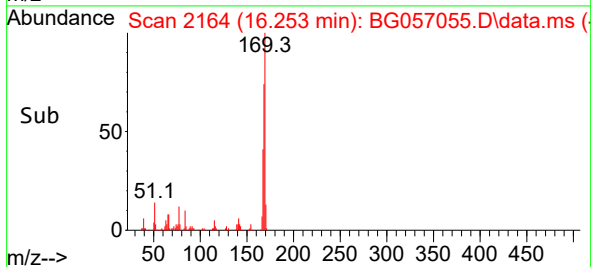
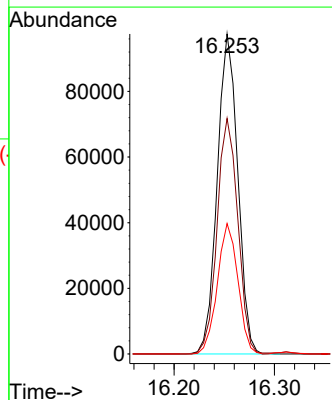
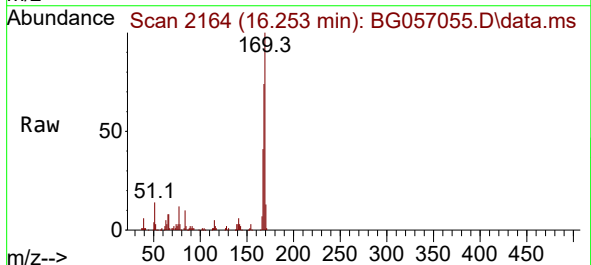
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

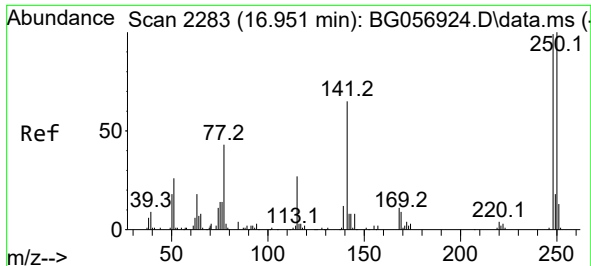
Tgt Ion:198 Resp: 36374
Ion Ratio Lower Upper
198 100
51 36.6 20.5 60.5
105 38.9 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 43.408 ng
RT: 16.253 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:169 Resp: 138427
Ion Ratio Lower Upper
169 100
168 73.6 59.6 89.4
167 40.7 31.8 47.8

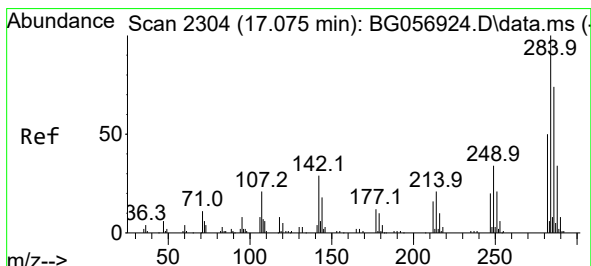
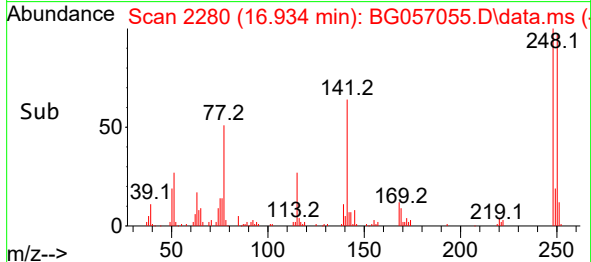
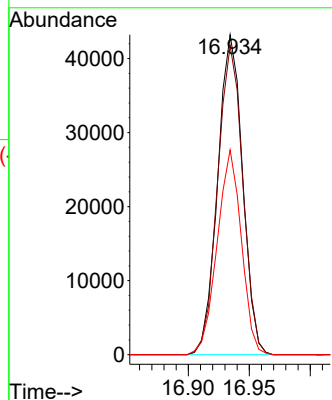
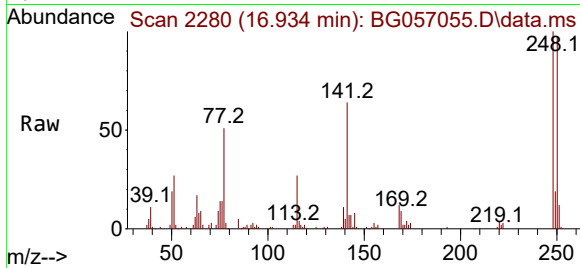




#67
 4-Bromophenyl-phenylether
 Concen: 41.788 ng
 RT: 16.934 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057055.D
 Acq: 11 Apr 2023 16:14

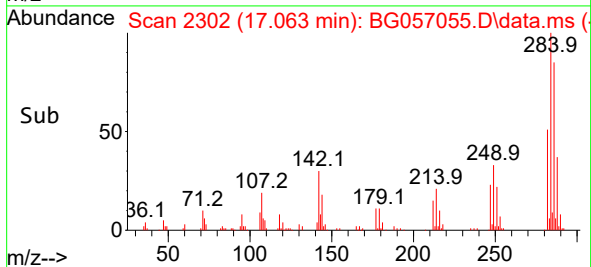
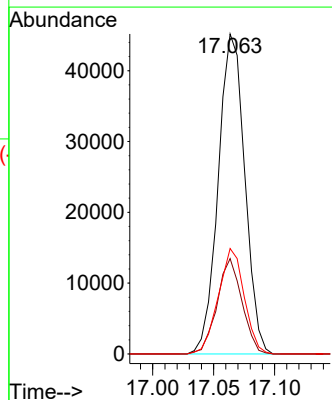
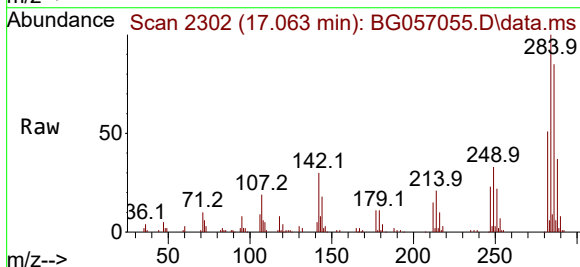
Instrument :
 BNA_G
 ClientSampleId :
 PB152037BSD

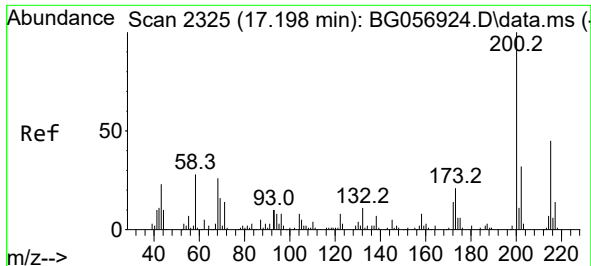
Tgt Ion:248 Resp: 61423
 Ion Ratio Lower Upper
 248 100
 250 96.7 80.5 120.7
 141 64.0 52.0 78.0



#68
 Hexachlorobenzene
 Concen: 47.084 ng
 RT: 17.063 min Scan# 2302
 Delta R.T. -0.003 min
 Lab File: BG057055.D
 Acq: 11 Apr 2023 16:14

Tgt Ion:284 Resp: 68423
 Ion Ratio Lower Upper
 284 100
 142 29.8 23.0 34.4
 249 33.0 27.1 40.7

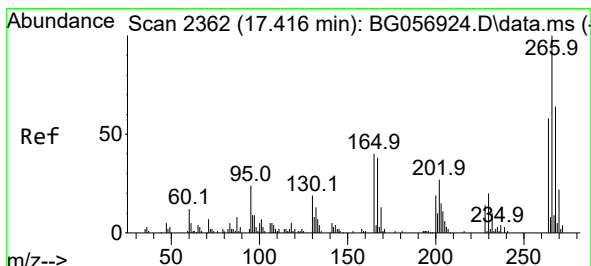
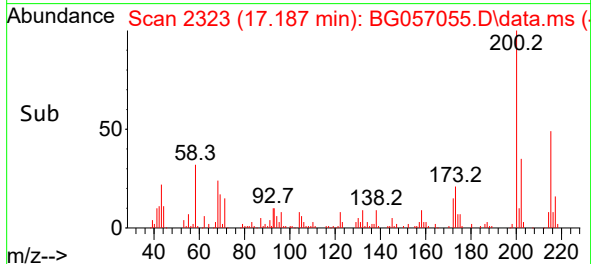
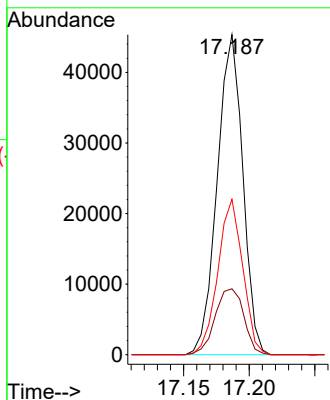
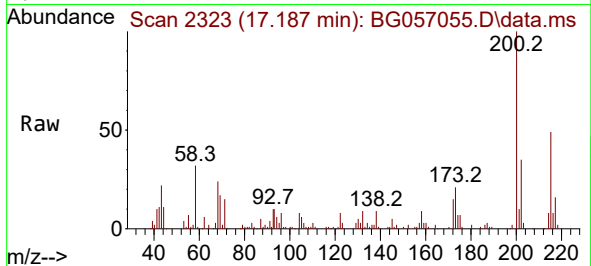




#69
 Atrazine
 Concen: 46.355 ng
 RT: 17.187 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057055.D
 Acq: 11 Apr 2023 16:14

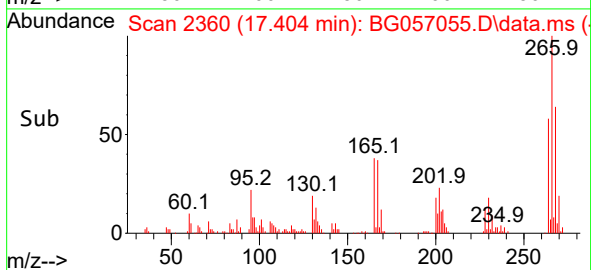
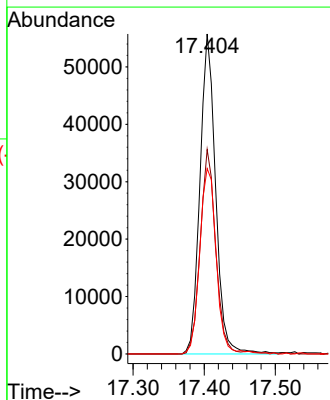
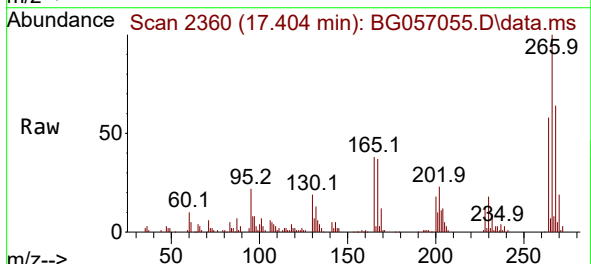
Instrument :
 BNA_G
 ClientSampleId :
 PB152037BSD

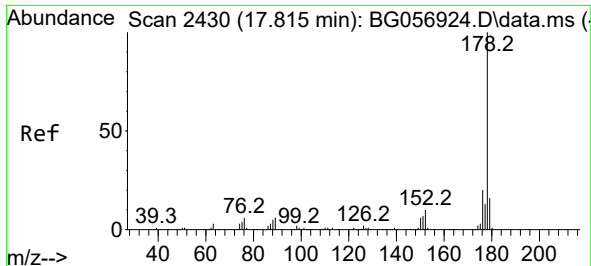
Tgt Ion:200 Resp: 61363
 Ion Ratio Lower Upper
 200 100
 173 20.6 1.0 41.0
 215 48.6 25.0 65.0



#70
 Pentachlorophenol
 Concen: 82.199 ng
 RT: 17.404 min Scan# 2360
 Delta R.T. -0.003 min
 Lab File: BG057055.D
 Acq: 11 Apr 2023 16:14

Tgt Ion:266 Resp: 85697
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.0 76.6
 264 58.0 46.8 70.2

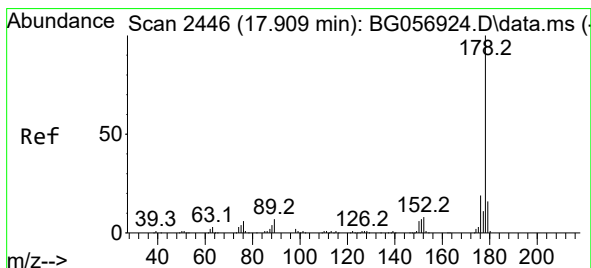
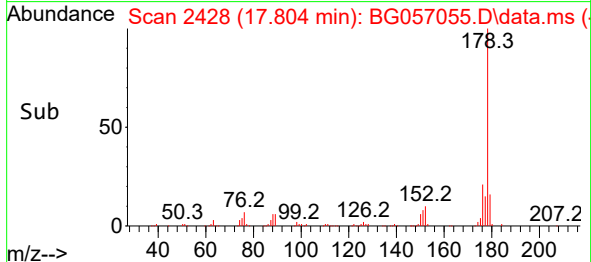
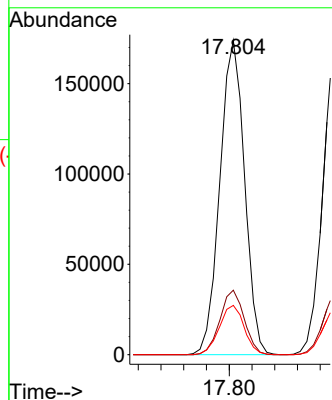
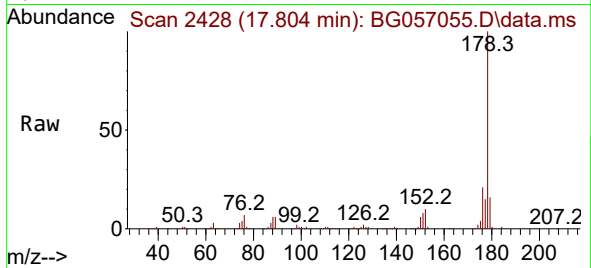




#71
Phenanthrene
Concen: 43.250 ng
RT: 17.804 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

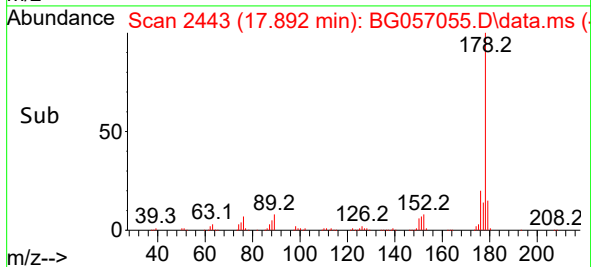
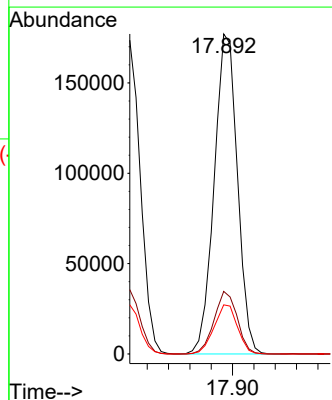
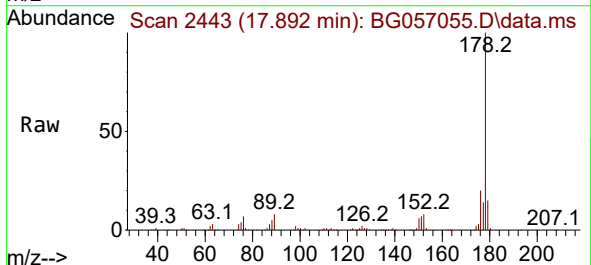
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

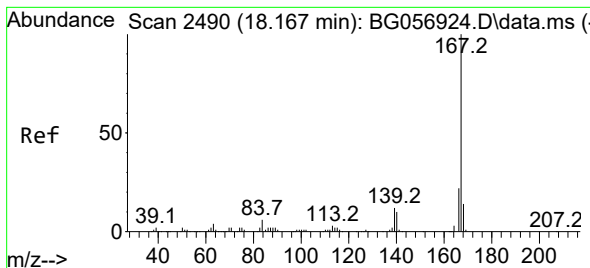
Tgt Ion:178 Resp: 261955
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 15.7 12.5 18.7



#72
Anthracene
Concen: 43.135 ng
RT: 17.892 min Scan# 2443
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:178 Resp: 267827
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.4 12.4 18.6





#73

Carbazole

Concen: 44.207 ng

RT: 18.156 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

Instrument :

BNA_G

ClientSampleId :

PB152037BSD

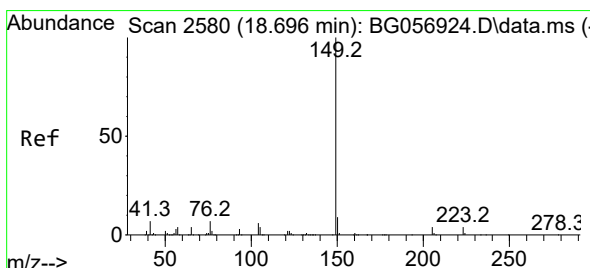
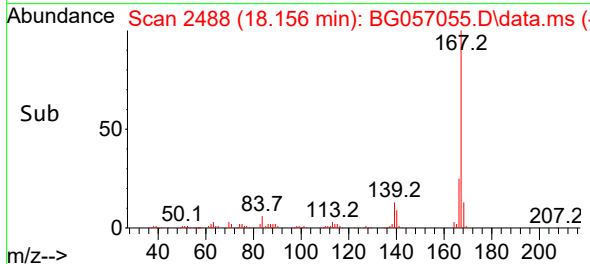
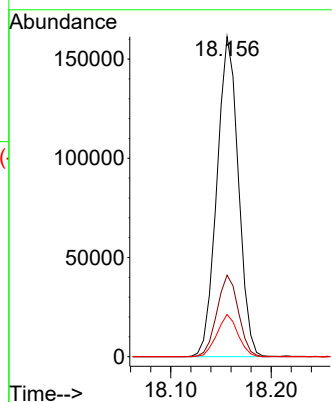
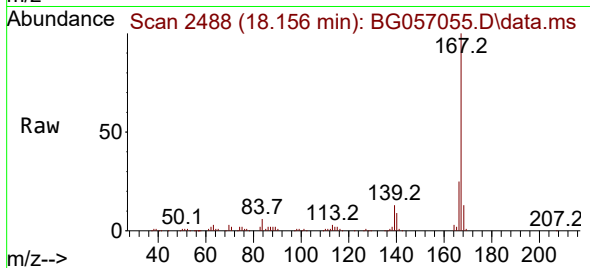
Tgt Ion:167 Resp: 239313

Ion Ratio Lower Upper

167 100

166 25.4 17.9 26.9

139 13.2 9.5 14.3



#74

Di-n-butylphthalate

Concen: 44.997 ng

RT: 18.679 min Scan# 2577

Delta R.T. -0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

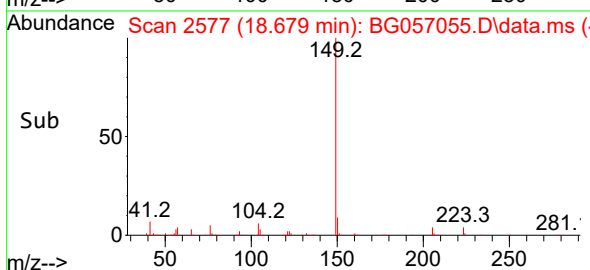
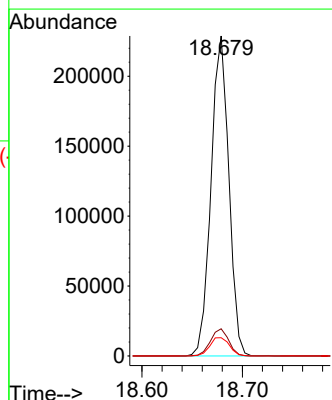
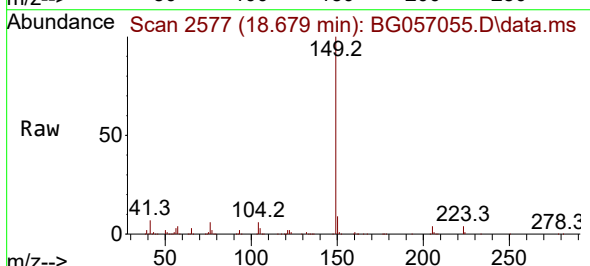
Tgt Ion:149 Resp: 282072

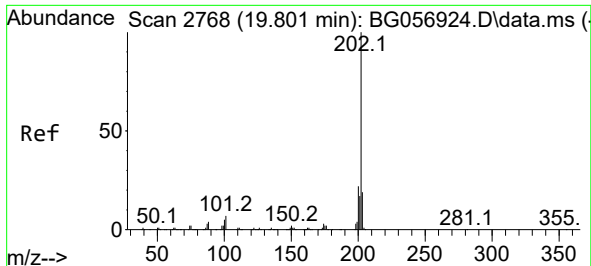
Ion Ratio Lower Upper

149 100

150 8.5 7.4 11.0

104 5.7 4.9 7.3

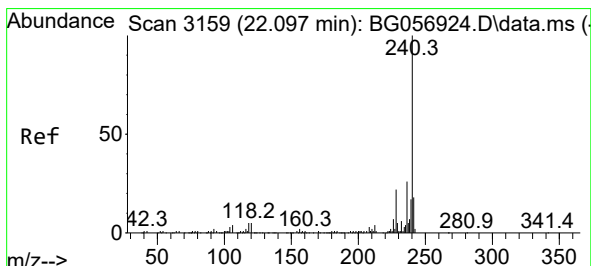
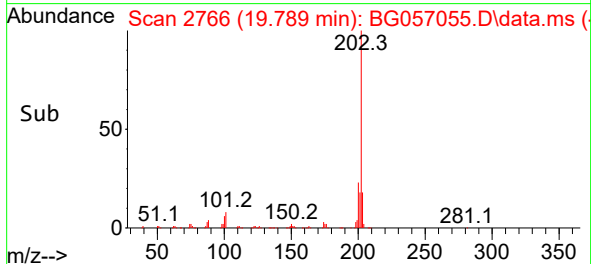
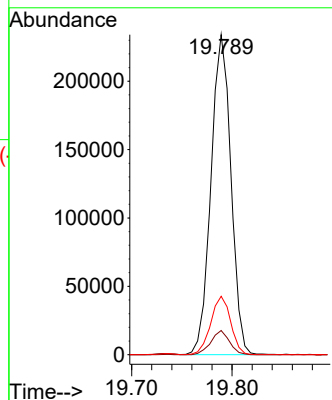
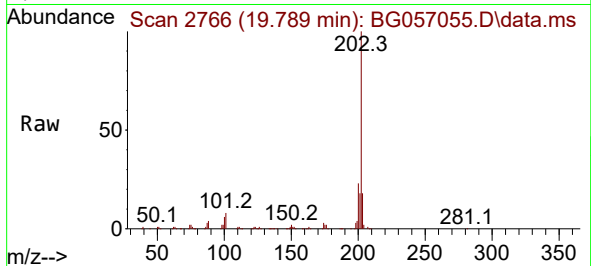




#75
Fluoranthene
Concen: 42.137 ng
RT: 19.789 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

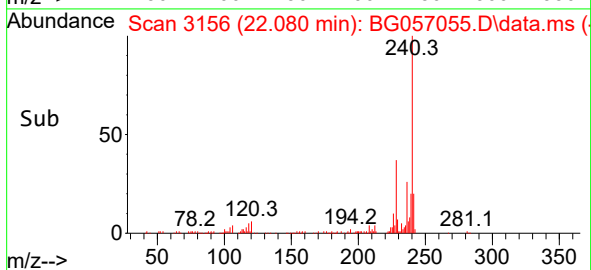
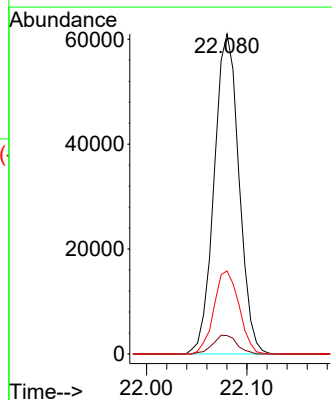
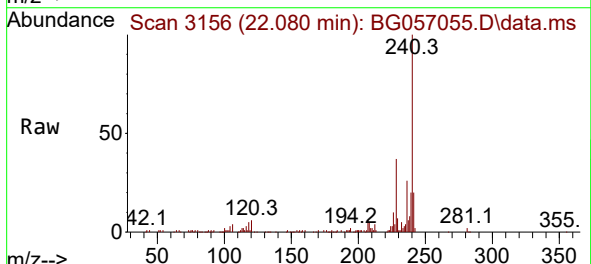
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

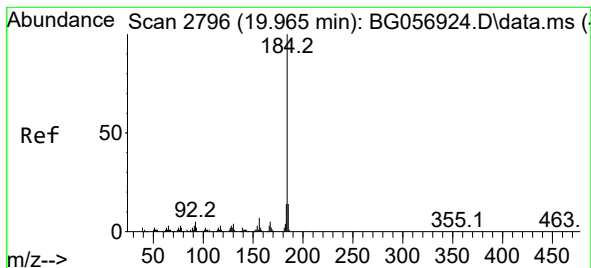
Tgt Ion:202 Resp: 323525
Ion Ratio Lower Upper
202 100
101 7.5 0.0 26.7
203 18.3 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.080 min Scan# 3156
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:240 Resp: 104899
Ion Ratio Lower Upper
240 100
120 5.7 3.8 5.6#
236 26.0 21.0 31.6





#77

Benzidine

Concen: 58.207 ng

RT: 19.954 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

Instrument :

BNA_G

ClientSampleId :

PB152037BSD

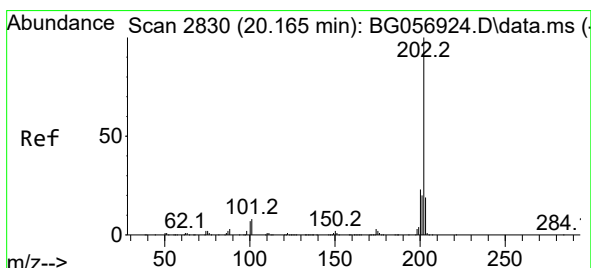
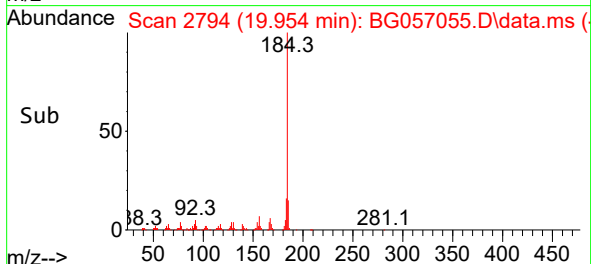
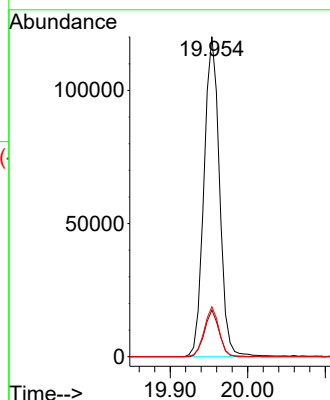
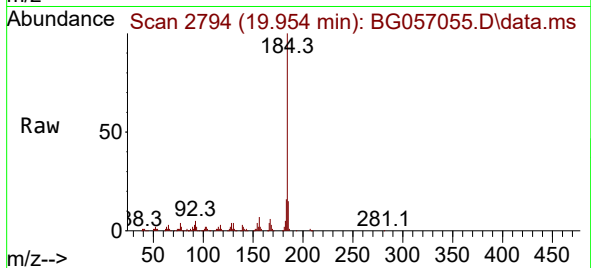
Tgt Ion:184 Resp: 166892

Ion Ratio Lower Upper

184 100

185 14.6 11.0 16.4

183 15.6 11.4 17.0



#78

Pyrene

Concen: 44.883 ng

RT: 20.153 min Scan# 2828

Delta R.T. 0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

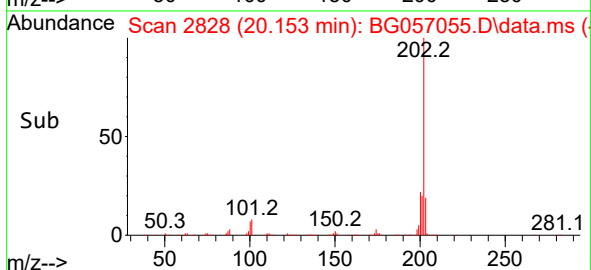
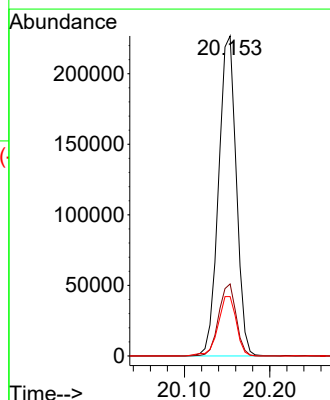
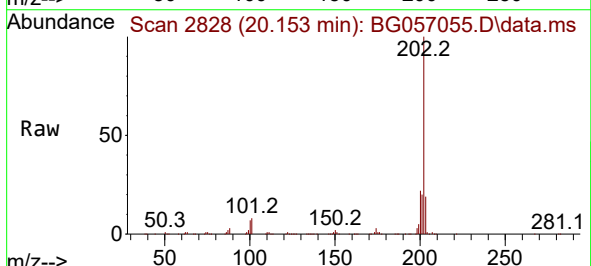
Tgt Ion:202 Resp: 325644

Ion Ratio Lower Upper

202 100

200 22.5 18.7 28.1

203 18.5 15.4 23.2

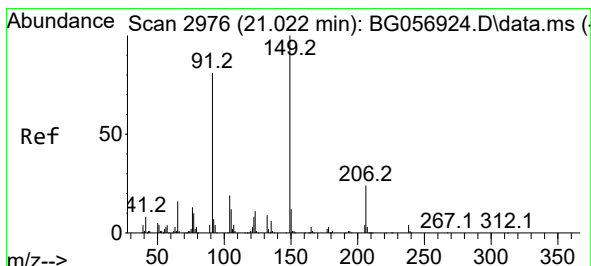
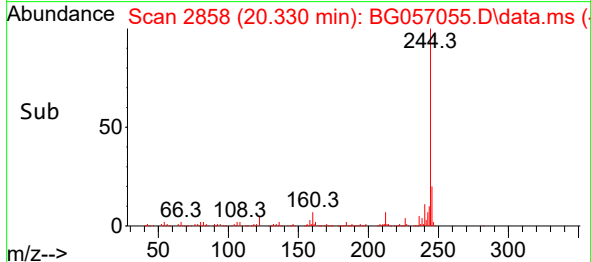
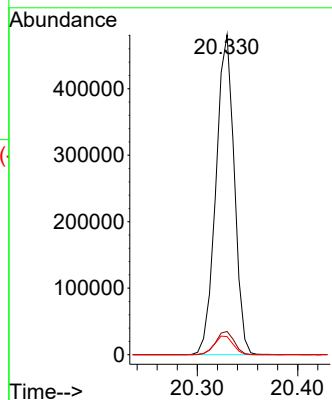
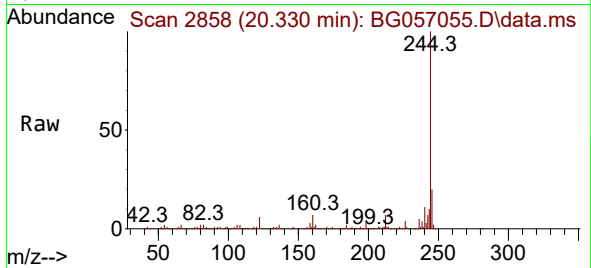




#79
 Terphenyl-d14
 Concen: 98.059 ng
 RT: 20.330 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057055.D
 Acq: 11 Apr 2023 16:14

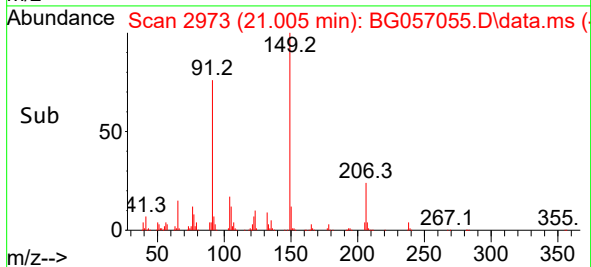
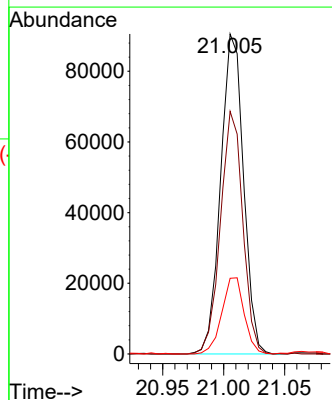
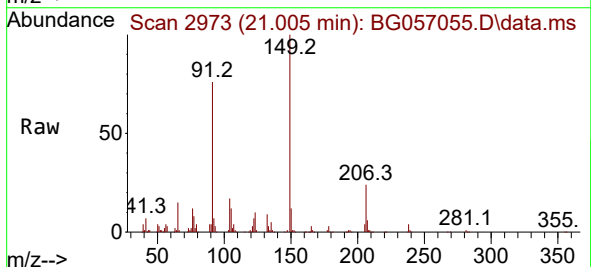
Instrument :
 BNA_G
 ClientSampleId :
 PB152037BSD

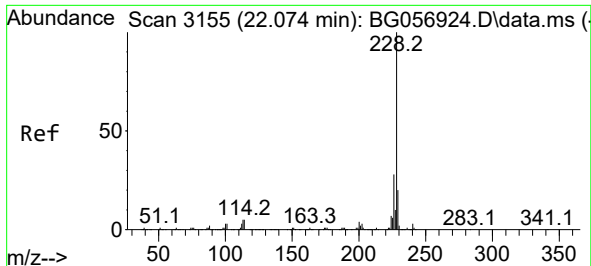
Tgt Ion:244 Resp: 607880
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.7 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 47.224 ng
 RT: 21.005 min Scan# 2973
 Delta R.T. -0.003 min
 Lab File: BG057055.D
 Acq: 11 Apr 2023 16:14

Tgt Ion:149 Resp: 117903
 Ion Ratio Lower Upper
 149 100
 91 75.8 64.4 96.6
 206 23.7 18.9 28.3

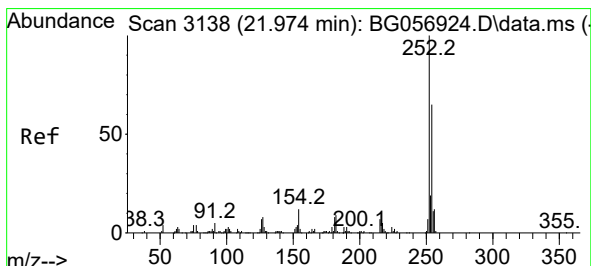
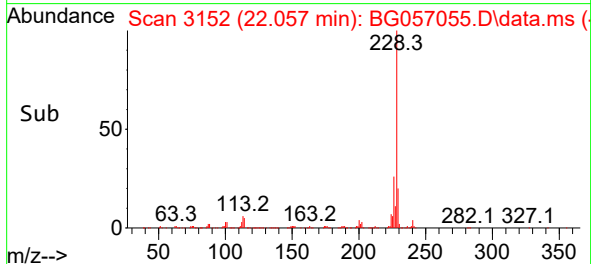
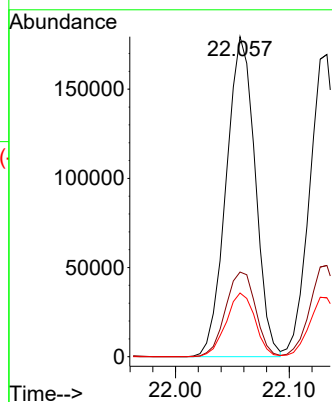
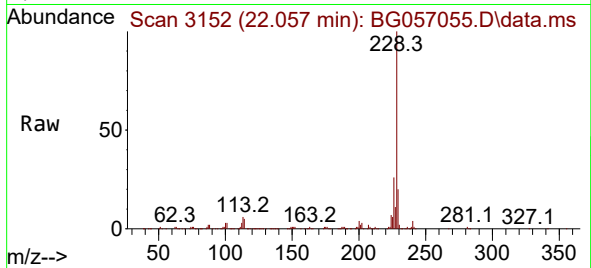




#81
Benzo(a)anthracene
Concen: 43.694 ng
RT: 22.057 min Scan# 3155
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

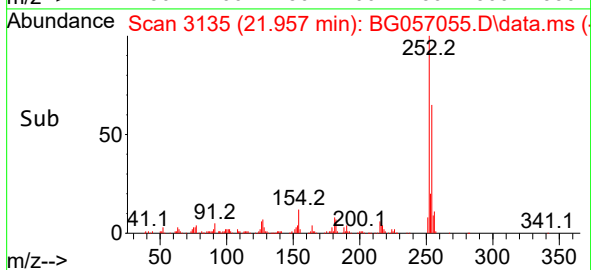
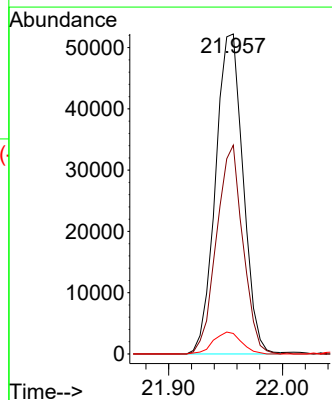
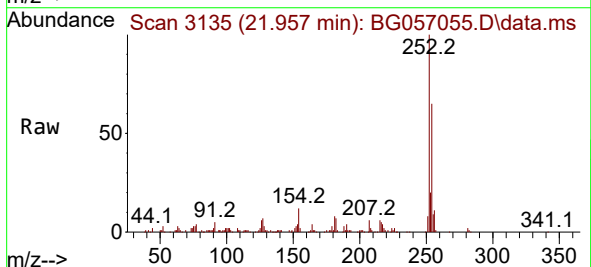
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

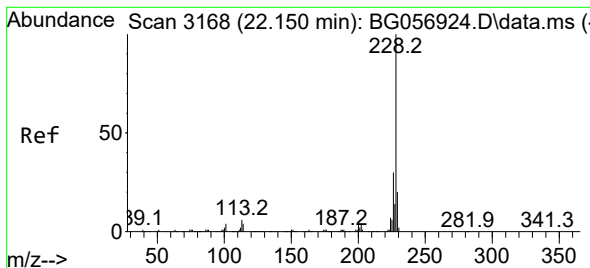
Tgt Ion:228 Resp: 317177
Ion Ratio Lower Upper
228 100
226 26.4 22.1 33.1
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 35.868 ng
RT: 21.957 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:252 Resp: 87920
Ion Ratio Lower Upper
252 100
254 65.2 51.7 77.5
126 6.4 5.6 8.4





#83

Chrysene

Concen: 43.332 ng

RT: 22.133 min Scan# 3165

Delta R.T. -0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

Instrument :

BNA_G

ClientSampleId :

PB152037BSD

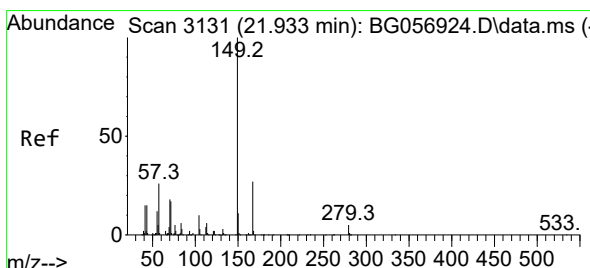
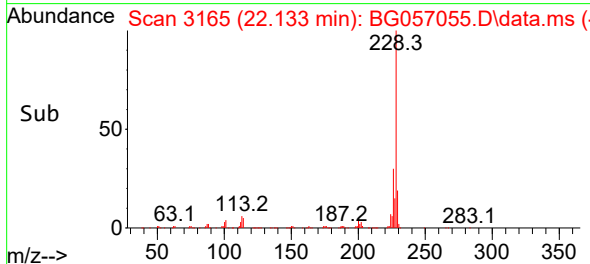
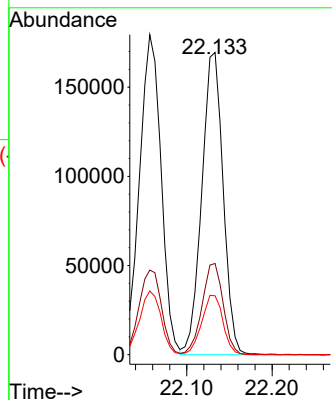
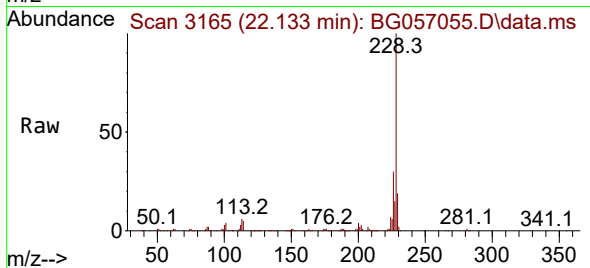
Tgt Ion:228 Resp: 294515

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.161 ng

RT: 21.910 min Scan# 3127

Delta R.T. -0.003 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

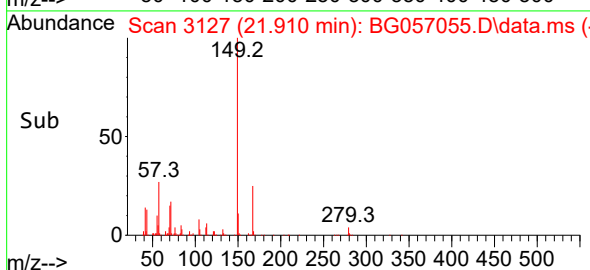
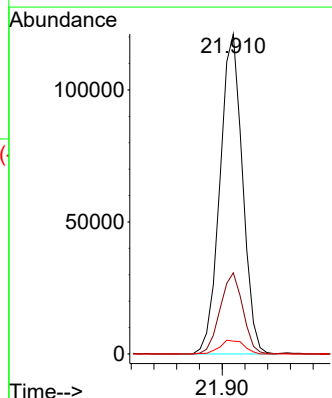
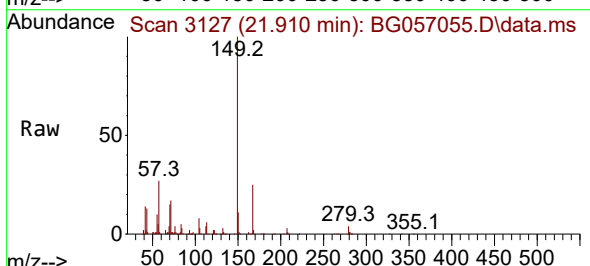
Tgt Ion:149 Resp: 166886

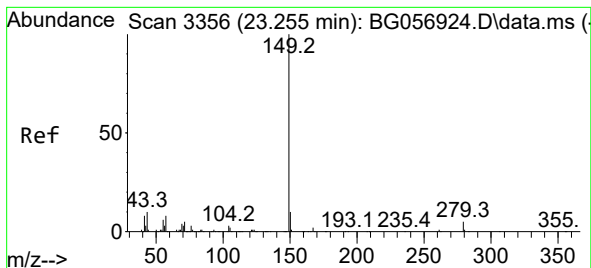
Ion Ratio Lower Upper

149 100

167 25.3 21.4 32.2

279 4.0 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 46.185 ng

RT: 23.220 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

Instrument :

BNA_G

ClientSampleId :

PB152037BSD

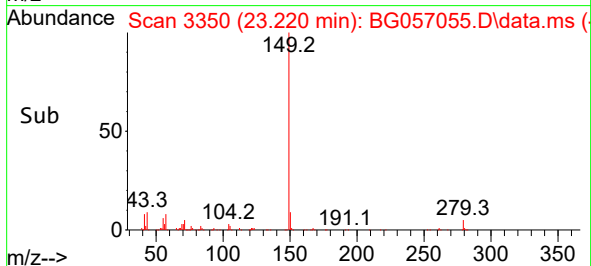
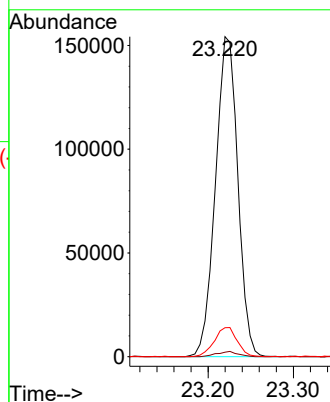
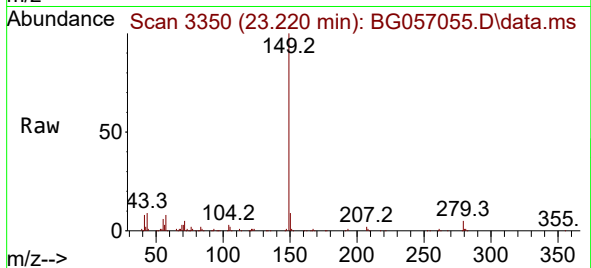
Tgt Ion:149 Resp: 281380

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.4 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.622 min Scan# 3759

Delta R.T. -0.009 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

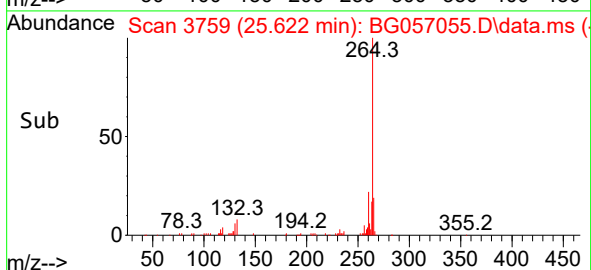
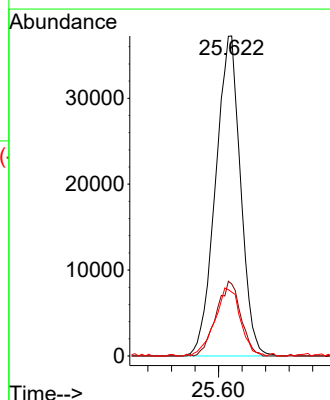
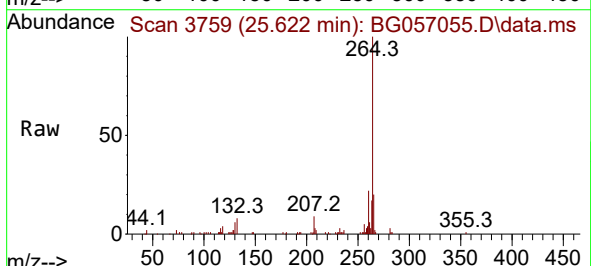
Tgt Ion:264 Resp: 109615

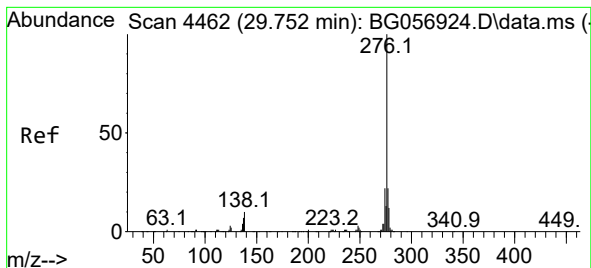
Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.4

265 19.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.715 ng

RT: 29.711 min Scan# 4462

Delta R.T. -0.015 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

Instrument :

BNA_G

ClientSampleId :

PB152037BSD

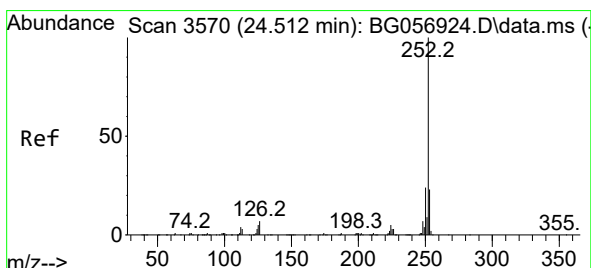
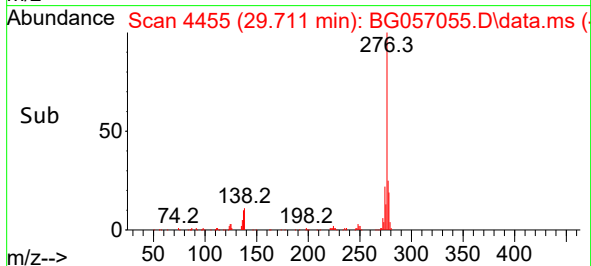
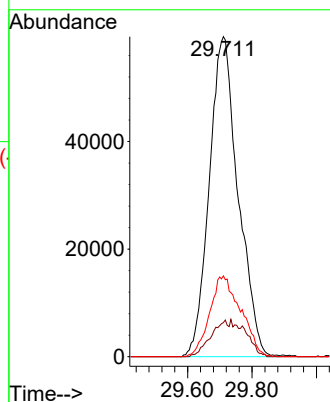
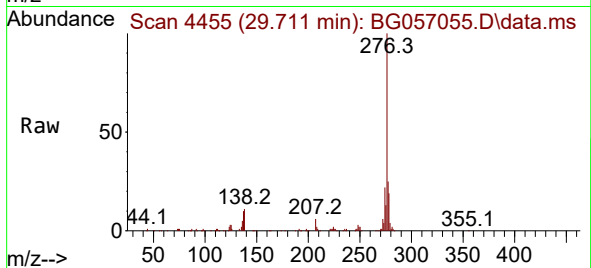
Tgt Ion:276 Resp: 370344

Ion Ratio Lower Upper

276 100

138 7.1 7.7 11.5#

277 27.1 21.0 31.4



#88

Benzo(b)fluoranthene

Concen: 49.287 ng

RT: 24.483 min Scan# 3565

Delta R.T. -0.009 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

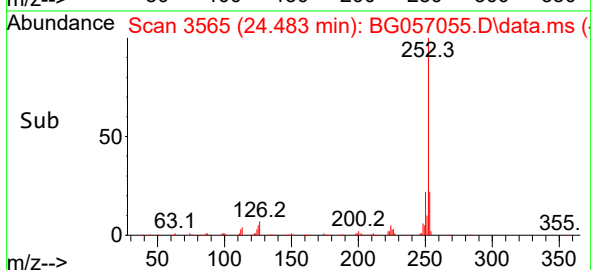
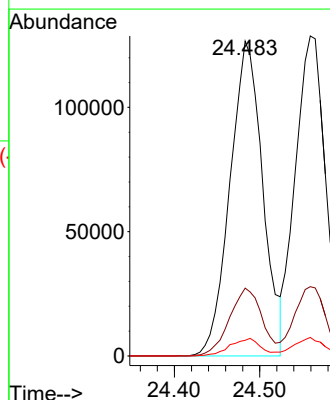
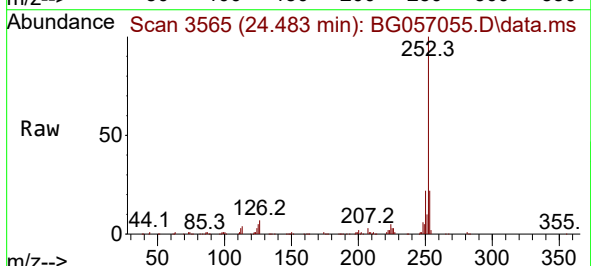
Tgt Ion:252 Resp: 337840

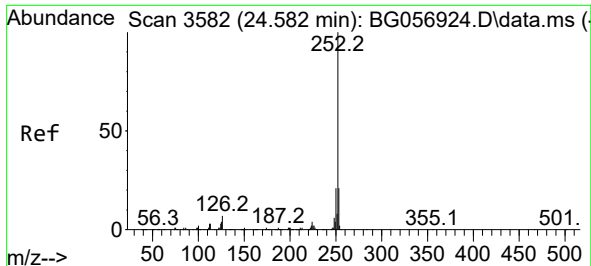
Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

125 5.0 4.2 6.4

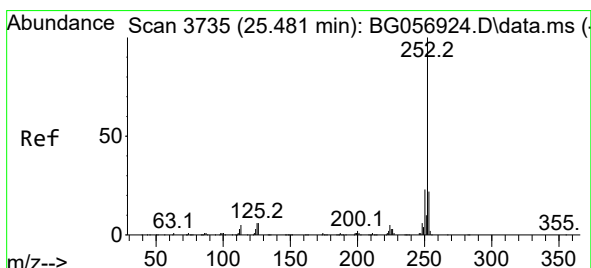
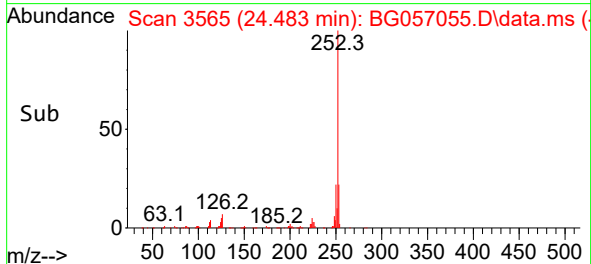
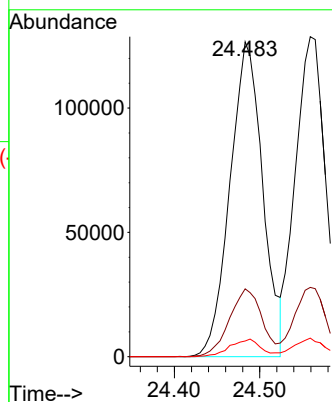
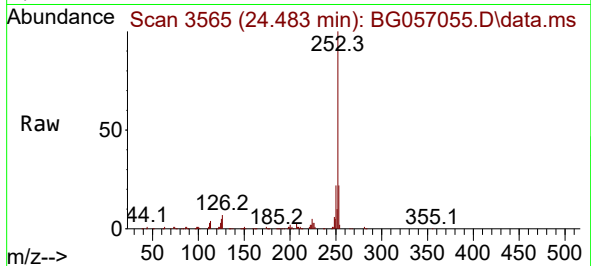




#89
Benzo(k)fluoranthene
Concen: 49.369 ng
RT: 24.483 min Scan# 31
Delta R.T. -0.085 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

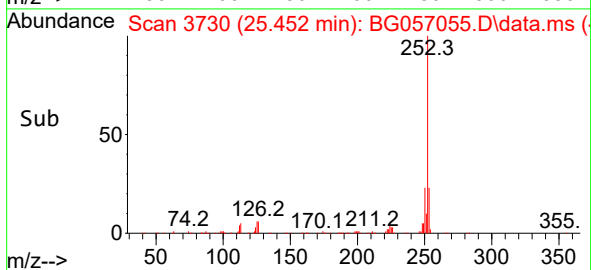
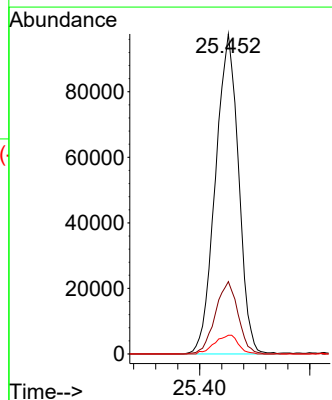
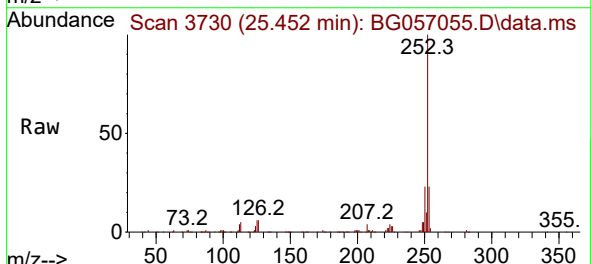
Instrument :
BNA_G
ClientSampleId :
PB152037BSD

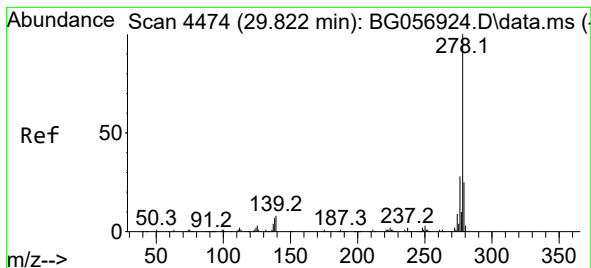
Tgt Ion:252 Resp: 337840
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 5.0 3.8 5.6



#90
Benzo(a)pyrene
Concen: 42.242 ng
RT: 25.452 min Scan# 3730
Delta R.T. -0.009 min
Lab File: BG057055.D
Acq: 11 Apr 2023 16:14

Tgt Ion:252 Resp: 284529
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 5.9 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 46.735 ng

RT: 29.770 min Scan# 4474

Delta R.T. -0.015 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

Instrument :

BNA_G

ClientSampleId :

PB152037BSD

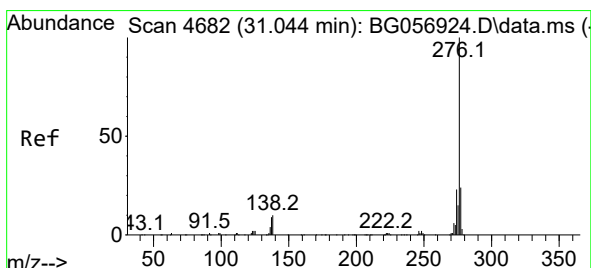
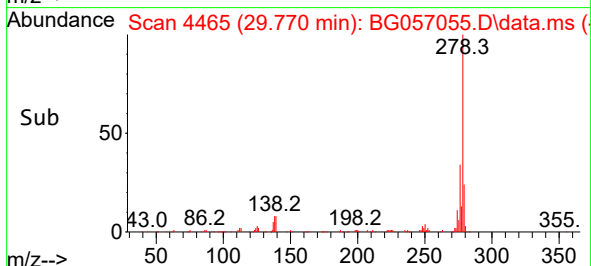
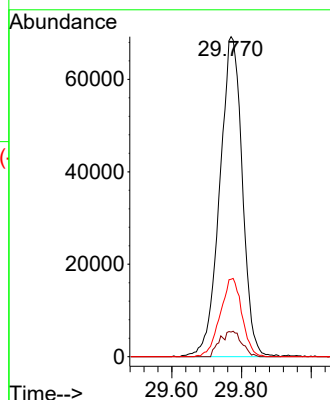
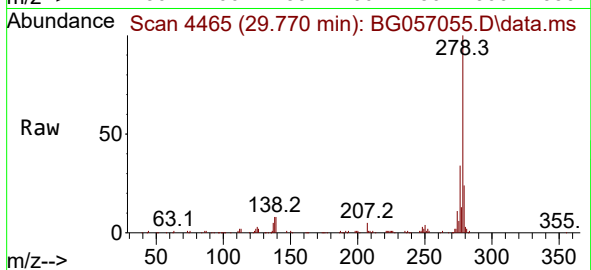
Tgt Ion:278 Resp: 311205

Ion Ratio Lower Upper

278 100

139 7.7 6.4 9.6

279 24.2 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 45.351 ng

RT: 30.986 min Scan# 4672

Delta R.T. -0.032 min

Lab File: BG057055.D

Acq: 11 Apr 2023 16:14

Tgt Ion:276 Resp: 295705

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 9.6 8.2 12.2

