

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057555.D
 Acq On : 25 May 2023 12:51
 Operator : CG/JU
 Sample : PB152903BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152903BS

Quant Time: May 25 13:42:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 10:58:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	16933	20.000	ng	-0.01
21) Naphthalene-d8	11.198	136	71252	20.000	ng	0.00
39) Acenaphthene-d10	14.976	164	59602	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	158839	20.000	ng	-0.01
76) Chrysene-d12	22.025	240	133295	20.000	ng	-0.01
86) Perylene-d12	25.526	264	146342	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	145808	147.299	ng	0.00
7) Phenol-d6	7.503	99	217472	144.675	ng	0.00
23) Nitrobenzene-d5	9.536	82	132383	77.980	ng	-0.01
42) 2,4,6-Tribromophenol	16.462	330	124109	146.755	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	356214	80.492	ng	0.00
79) Terphenyl-d14	20.280	244	726744	88.975	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.661	88	14307	34.956	ng	100
3) Pyridine	4.084	79	41590	31.619	ng	97
4) n-Nitrosodimethylamine	3.996	42	22283	36.050	ng	93
6) Aniline	7.668	93	59057	30.970	ng	93
8) 2-Chlorophenol	7.920	128	55185	52.759	ng	99
9) Benzaldehyde	7.480	77	23583	27.381	ng	95
10) Phenol	7.533	94	76455	52.176	ng	97
11) bis(2-Chloroethyl)ether	7.756	93	49150	44.482	ng	99
12) 1,3-Dichlorobenzene	8.243	146	54779	47.451	ng	94
13) 1,4-Dichlorobenzene	8.390	146	55576	47.927	ng	98
14) 1,2-Dichlorobenzene	8.719	146	54499	48.684	ng	95
15) Benzyl Alcohol	8.596	79	60862	48.602	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.878	45	60519	43.455	ng	99
17) 2-Methylphenol	8.802	107	52581	49.779	ng	96
18) Hexachloroethane	9.454	117	20720	49.513	ng	91
19) n-Nitroso-di-n-propyla...	9.160	70	47499	41.441	ng	98
20) 3+4-Methylphenols	9.130	107	73322	50.695	ng	95
22) Acetophenone	9.189	105	87784	43.045	ng	# 94
24) Nitrobenzene	9.583	77	69899	40.794	ng	93
25) Isophorone	10.100	82	131663	39.996	ng	99
26) 2-Nitrophenol	10.300	139	31391	47.861	ng	92
27) 2,4-Dimethylphenol	10.341	122	59527	51.832	ng	99
28) bis(2-Chloroethoxy)met...	10.570	93	71860	43.573	ng	98
29) 2,4-Dichlorophenol	10.846	162	62674	51.453	ng	98
30) 1,2,4-Trichlorobenzene	11.051	180	62370	44.393	ng	98
31) Naphthalene	11.245	128	168617	44.266	ng	98
32) Benzoic acid	10.499	122	23028	36.072	ng	91
33) 4-Chloroaniline	11.357	127	58485	34.189	ng	97
34) Hexachlorobutadiene	11.515	225	43799	42.014	ng	97
35) Caprolactam	12.126	113	14199	34.125	ng	96
36) 4-Chloro-3-methylphenol	12.455	107	73570	53.148	ng	99
37) 2-Methylnaphthalene	12.825	142	131725	43.982	ng	95
38) 1-Methylnaphthalene	13.043	142	124223	44.005	ng	100
40) 1,2,4,5-Tetrachloroben...	13.190	216	90288	42.671	ng	98
41) Hexachlorocyclopentadiene	13.154	237	59440	60.139	ng	97
43) 2,4,6-Trichlorophenol	13.425	196	59524	46.175	ng	99

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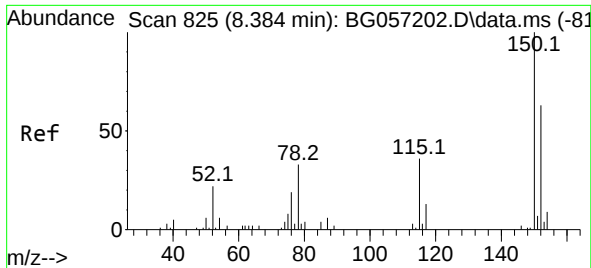
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	66543	43.884	ng	98
46) 1,1'-Biphenyl	13.812	154	191478	43.294	ng	100
47) 2-Chloronaphthalene	13.865	162	147631	44.889	ng	100
48) 2-Nitroaniline	14.065	65	50058	44.764	ng	90
49) Acenaphthylene	14.705	152	242264	45.342	ng	98
50) Dimethylphthalate	14.412	163	212814	43.451	ng	99
51) 2,6-Dinitrotoluene	14.547	165	48770	48.770	ng	84
52) Acenaphthene	15.040	154	147090	44.055	ng	98
53) 3-Nitroaniline	14.882	138	35530	35.465	ng	88
54) 2,4-Dinitrophenol	15.099	184	52392	84.317	ng	93
55) Dibenzofuran	15.369	168	250951	44.735	ng	99
56) 4-Nitrophenol	15.193	139	65003	97.556	ng	88
57) 2,4-Dinitrotoluene	15.334	165	69985	48.969	ng	93
58) Fluorene	16.015	166	211355	45.740	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	63090	45.892	ng	97
60) Diethylphthalate	15.757	149	221061	44.444	ng	98
61) 4-Chlorophenyl-phenyle...	15.992	204	121072	43.494	ng	97
62) 4-Nitroaniline	16.045	138	47748	47.244	ng	88
63) Azobenzene	16.286	77	201174	41.919	ng	96
65) 4,6-Dinitro-2-methylph...	16.103	198	44407	46.827	ng	97
66) n-Nitrosodiphenylamine	16.209	169	188452	43.683	ng	98
67) 4-Bromophenyl-phenylether	16.885	248	84113	43.379	ng	97
68) Hexachlorobenzene	17.026	284	89456	47.474	ng	92
69) Atrazine	17.143	200	87007	52.870	ng	99
70) Pentachlorophenol	17.372	266	77860	71.698	ng	95
71) Phenanthrene	17.760	178	366253	44.999	ng	99
72) Anthracene	17.848	178	371500	44.483	ng	98
73) Carbazole	18.118	167	331313	47.123	ng	99
74) Di-n-butylphthalate	18.629	149	377096	46.616	ng	99
75) Fluoranthene	19.746	202	440244	43.489	ng	99
77) Benzidine	19.916	184	159005	53.357	ng	99
78) Pyrene	20.110	202	446327	46.080	ng	100
80) Butylbenzylphthalate	20.956	149	155569	50.619	ng	98
81) Benzo(a)anthracene	22.007	228	422488	44.487	ng	100
82) 3,3'-Dichlorobenzidine	21.901	252	105652	34.733	ng	99
83) Chrysene	22.078	228	387035	43.315	ng	99
84) Bis(2-ethylhexyl)phtha...	21.843	149	217662	47.868	ng	100
85) Di-n-octyl phthalate	23.135	149	366874	48.396	ng	97
87) Indeno(1,2,3-cd)pyrene	29.591	276	470271	44.092	ng	# 95
88) Benzo(b)fluoranthene	24.410	252	429447	44.892	ng	99
89) Benzo(k)fluoranthene	24.480	252	415842	42.778	ng	99
90) Benzo(a)pyrene	25.367	252	374388	40.059	ng	98
91) Dibenzo(a,h)anthracene	29.650	278	395310	44.506	ng	99
92) Benzo(g,h,i)perylene	30.878	276	382767	44.134	ng	98

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

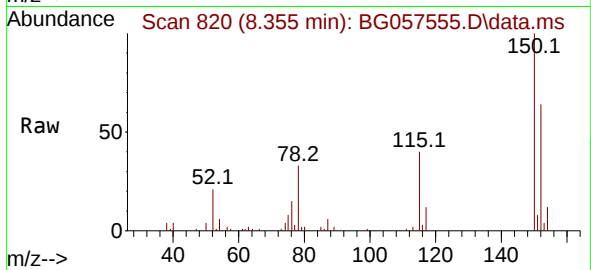
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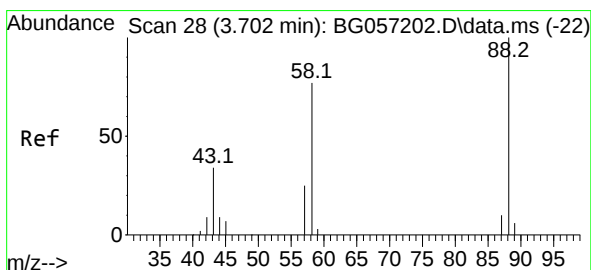
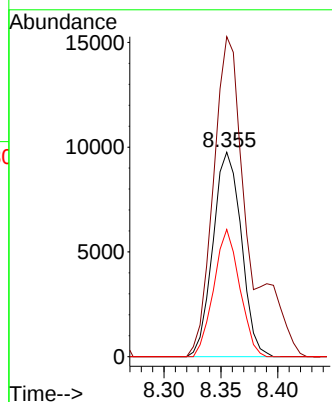
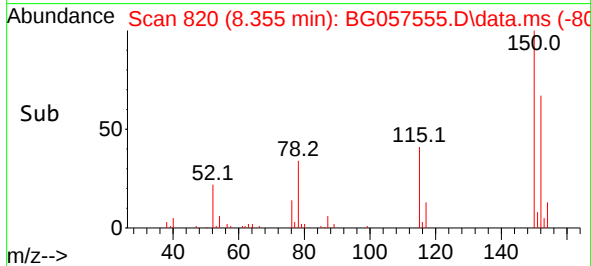


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057555.D
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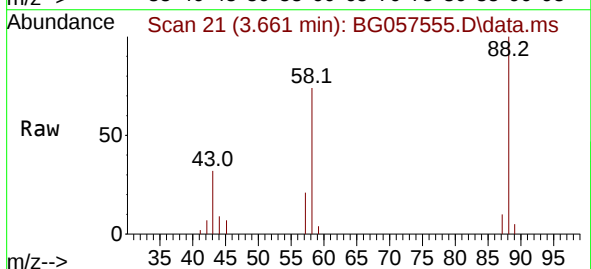
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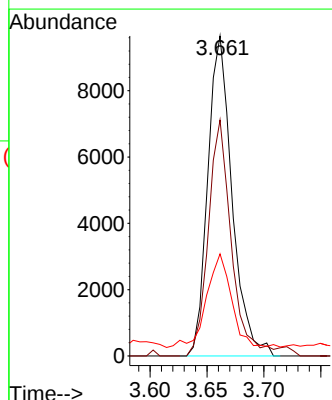
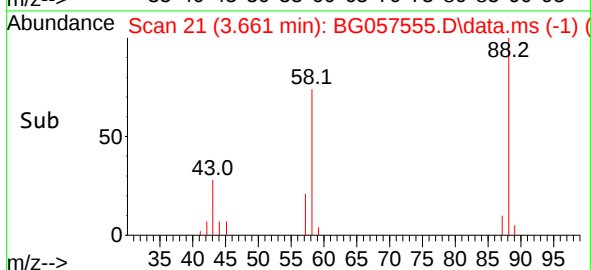
Tgt Ion:152 Resp: 16933
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.4
115 62.2 45.0 67.4

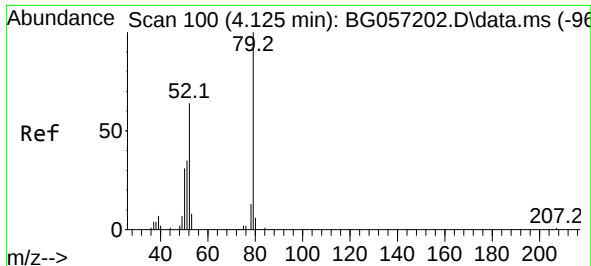


#2
1,4-Dioxane
Concen: 34.956 ng
RT: 3.661 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51



Tgt Ion: 88 Resp: 14307
Ion Ratio Lower Upper
88 100
58 71.4 57.1 85.7
43 30.2 24.4 36.6

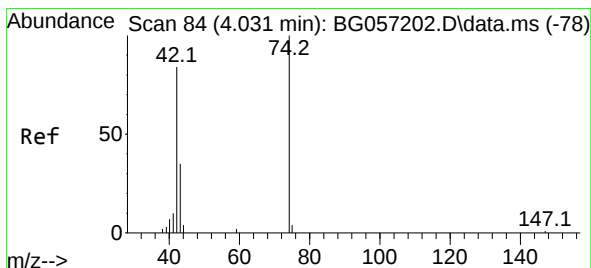
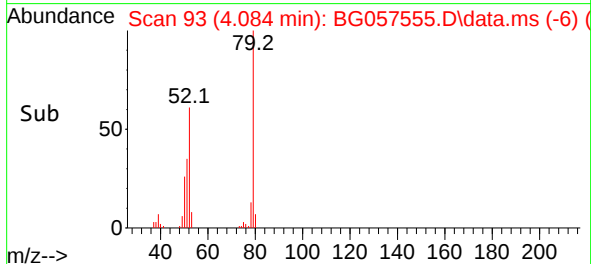
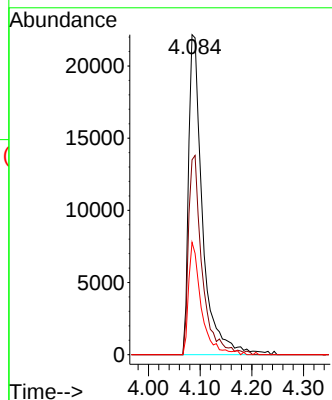
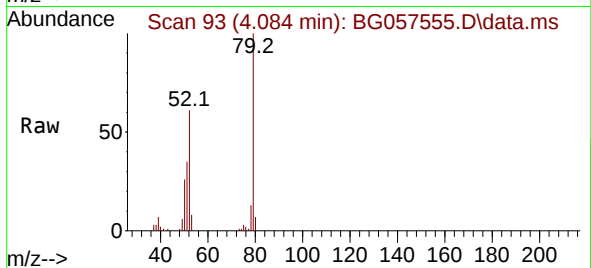




#3
Pyridine
Concen: 31.619 ng
RT: 4.084 min Scan# 91
Delta R.T. -0.017 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

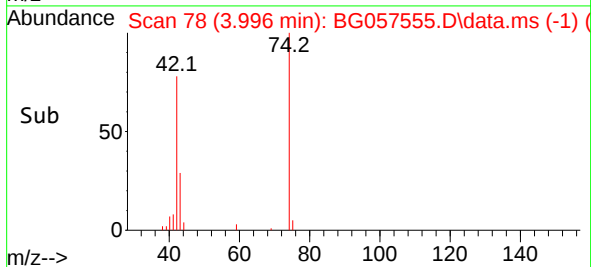
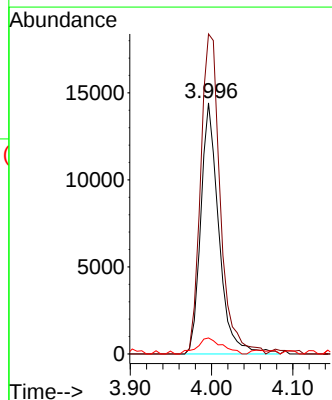
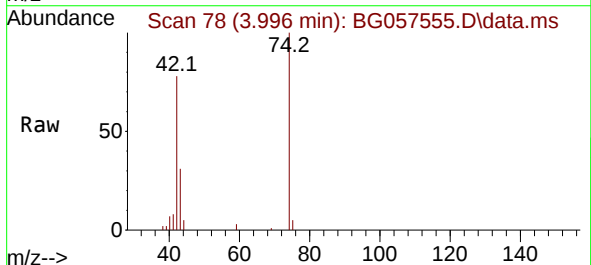
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ClientSampleId :
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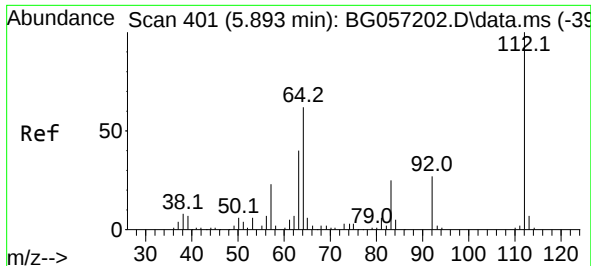
Tgt Ion: 79 Resp: 41590
Ion Ratio Lower Upper
79 100
52 60.9 51.4 77.0
51 35.1 28.0 42.0



#4
n-Nitrosodimethylamine
Concen: 36.050 ng
RT: 3.996 min Scan# 78
Delta R.T. -0.011 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion: 42 Resp: 22283
Ion Ratio Lower Upper
42 100
74 127.5 95.1 142.7
44 6.4 5.8 8.8

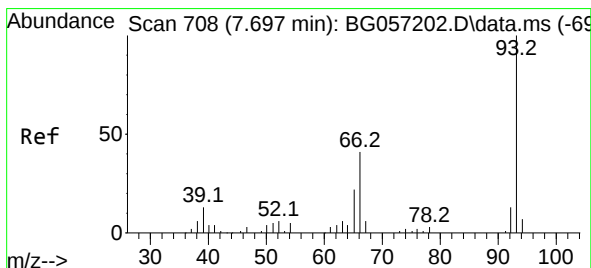
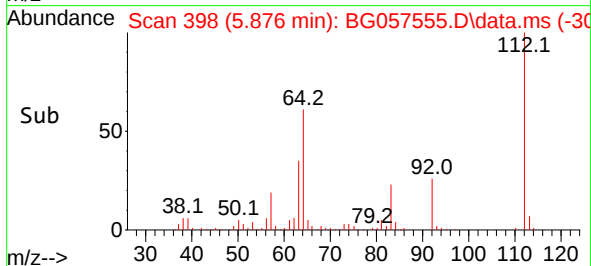
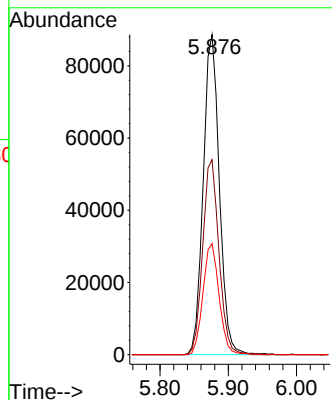
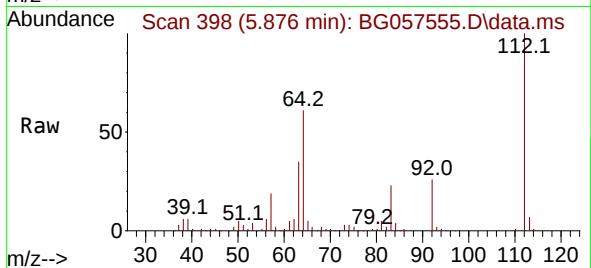




#5
2-Fluorophenol
Concen: 147.299 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.001 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

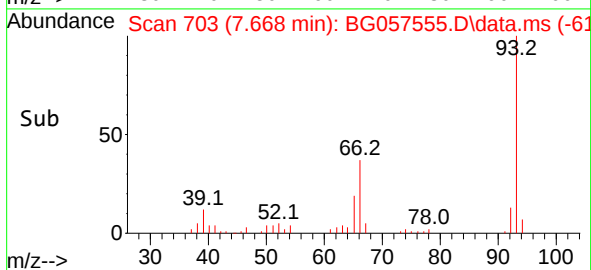
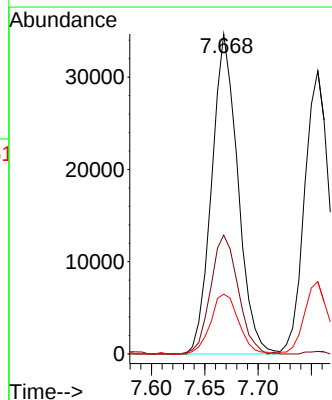
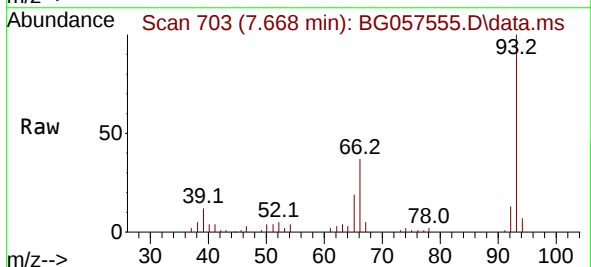
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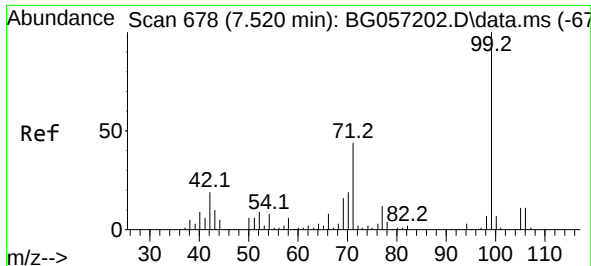
Tgt Ion:112 Resp: 145808
Ion Ratio Lower Upper
112 100
64 60.9 49.4 74.2
63 34.7 31.6 47.4



#6
Aniline
Concen: 30.970 ng
RT: 7.668 min Scan# 703
Delta R.T. -0.011 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion: 93 Resp: 59057
Ion Ratio Lower Upper
93 100
66 37.2 33.0 49.6
65 18.7 18.0 27.0

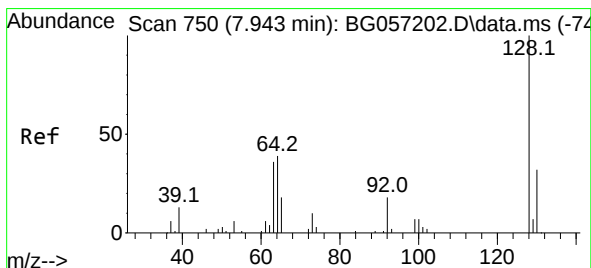
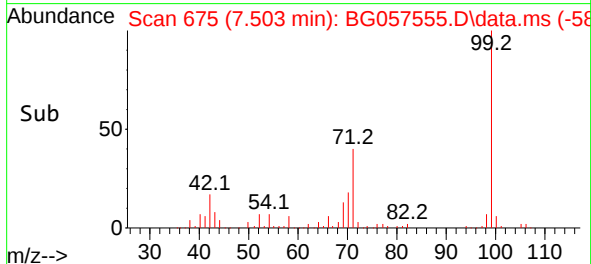
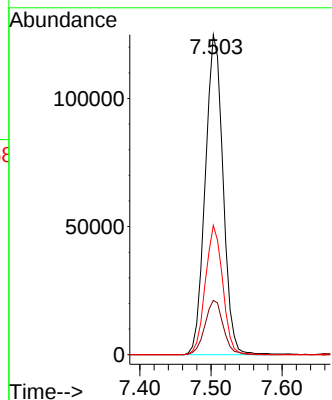
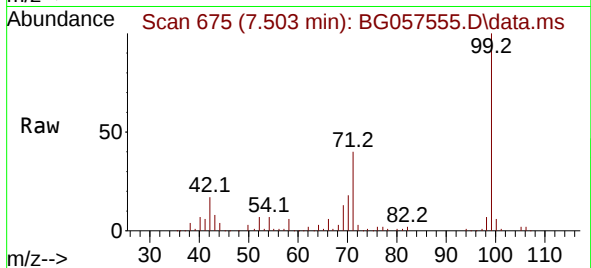




#7
Phenol-d6
Concen: 144.675 ng
RT: 7.503 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

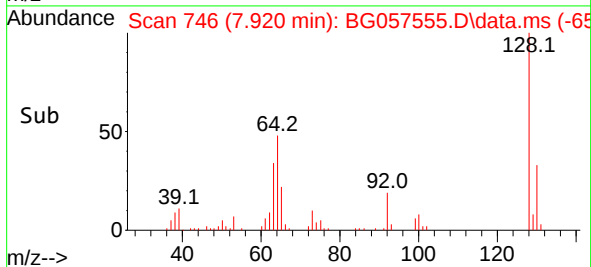
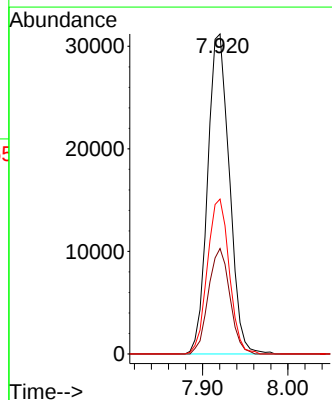
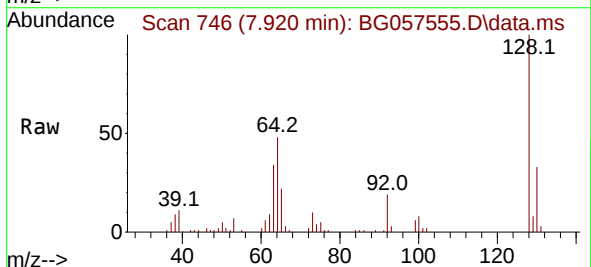
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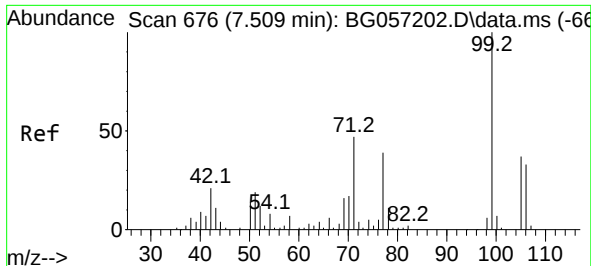
Tgt Ion: 99 Resp: 217472
Ion Ratio Lower Upper
99 100
42 16.9 15.1 22.7
71 40.4 35.2 52.8



#8
2-Chlorophenol
Concen: 52.759 ng
RT: 7.920 min Scan# 746
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:128 Resp: 55185
Ion Ratio Lower Upper
128 100
130 33.0 12.2 52.2
64 48.4 28.4 68.4

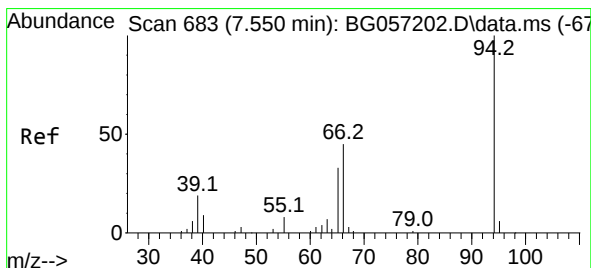
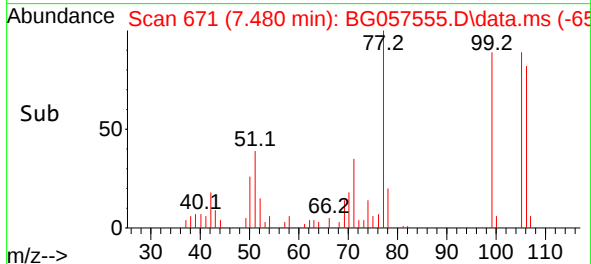
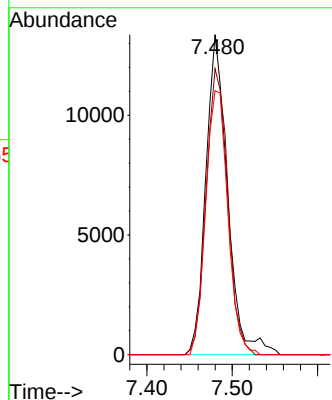
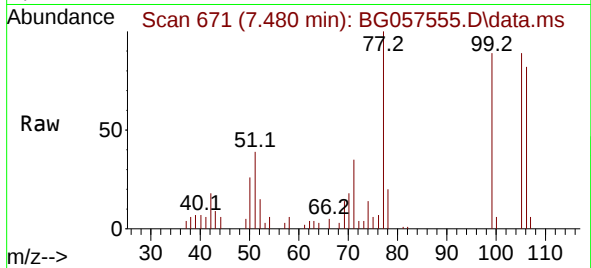




#9
Benzaldehyde
Concen: 27.381 ng
RT: 7.480 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

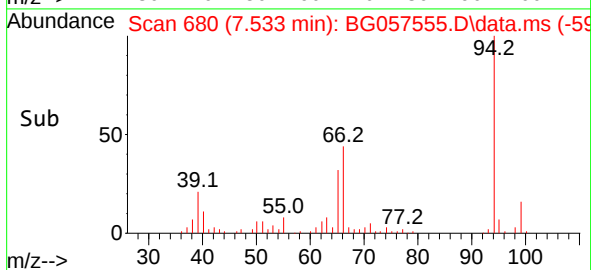
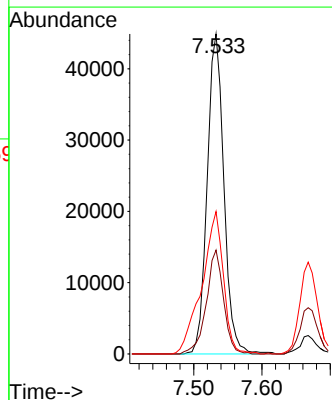
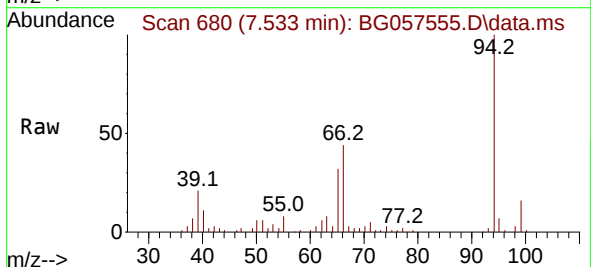
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ClientSampleId :
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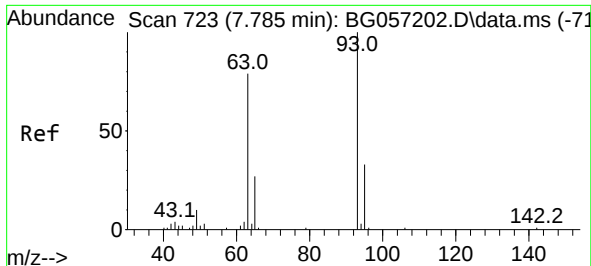
Tgt Ion: 77 Resp: 23583
Ion Ratio Lower Upper
77 100
105 89.4 74.6 114.6
106 82.5 66.3 106.3



#10
Phenol
Concen: 52.176 ng
RT: 7.533 min Scan# 680
Delta R.T. -0.005 min
Lab File: BG057555.D
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Tgt Ion: 94 Resp: 76455
Ion Ratio Lower Upper
94 100
65 32.5 13.5 53.5
66 44.5 26.7 66.7

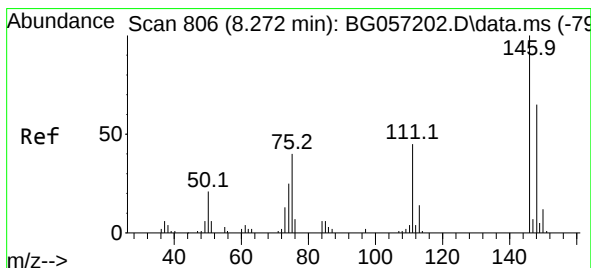
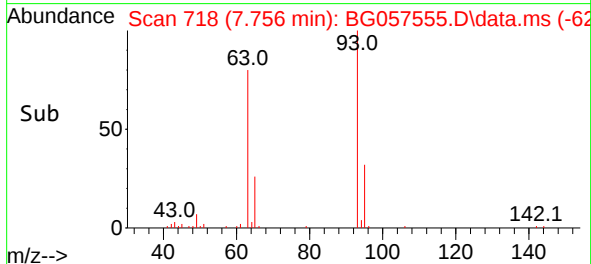
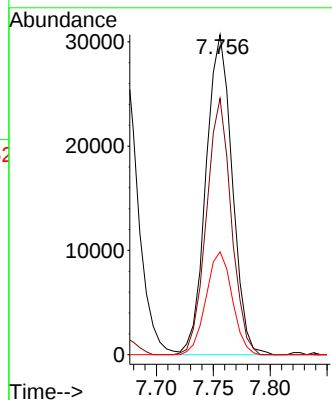
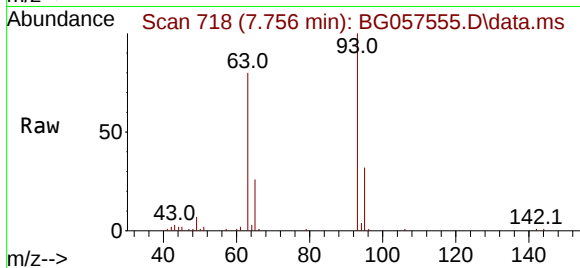




#11
bis(2-Chloroethyl)ether
Concen: 44.482 ng
RT: 7.756 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

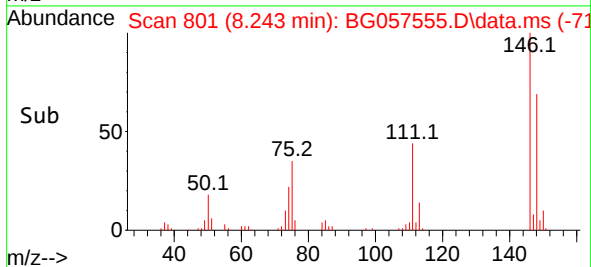
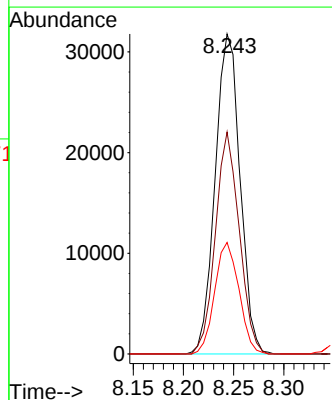
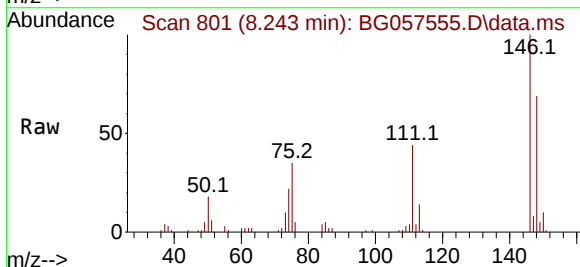
Instrument :
BNA_G
ClientSampleId :
PB152903BS

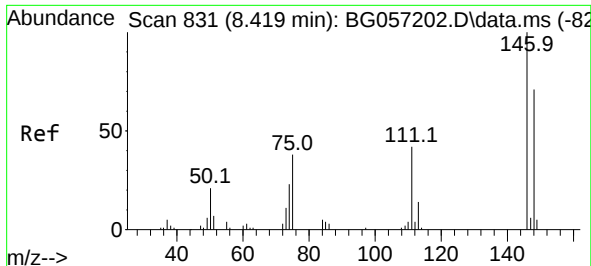
Tgt Ion: 93 Resp: 49150
Ion Ratio Lower Upper
93 100
63 80.1 58.6 98.6
95 32.2 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 47.451 ng
RT: 8.243 min Scan# 801
Delta R.T. -0.011 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:146 Resp: 54779
Ion Ratio Lower Upper
146 100
148 69.4 52.2 78.2
75 34.8 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 47.927 ng

RT: 8.390 min Scan# 81

Delta R.T. -0.011 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

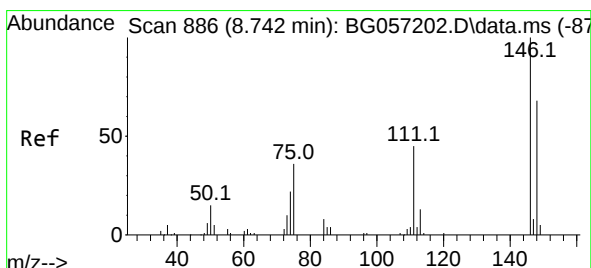
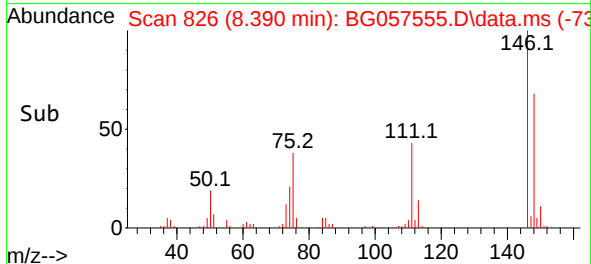
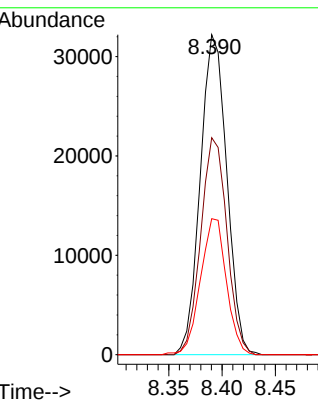
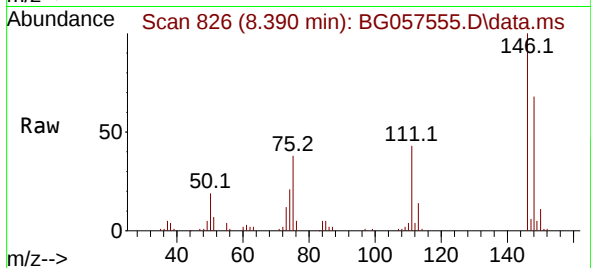
Tgt Ion:146 Resp: 55576

Ion Ratio Lower Upper

146 100

148 67.8 56.4 84.6

111 42.5 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 48.684 ng

RT: 8.719 min Scan# 882

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

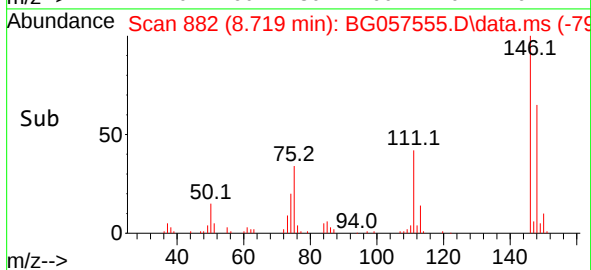
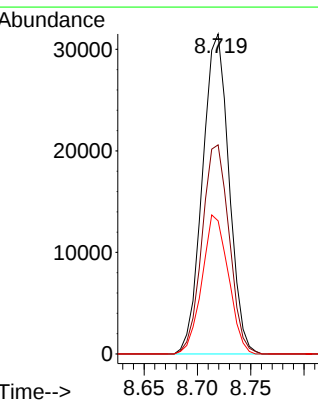
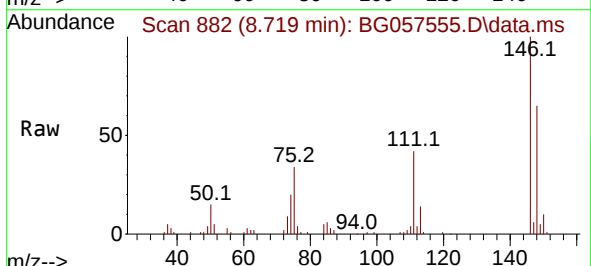
Tgt Ion:146 Resp: 54499

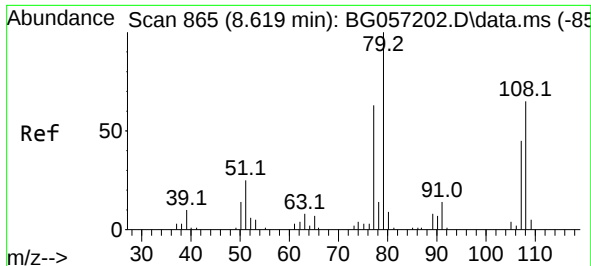
Ion Ratio Lower Upper

146 100

148 65.3 54.6 82.0

111 41.6 37.2 55.8





#15
Benzyl Alcohol
Concen: 48.602 ng
RT: 8.596 min Scan# 809
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

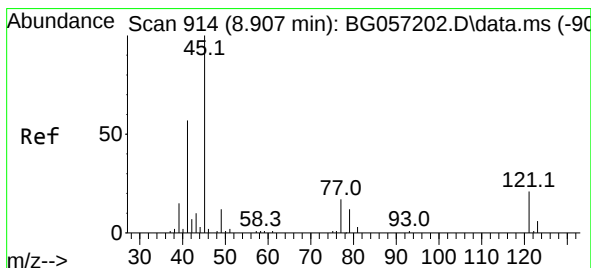
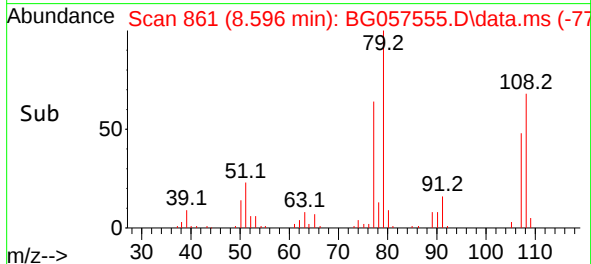
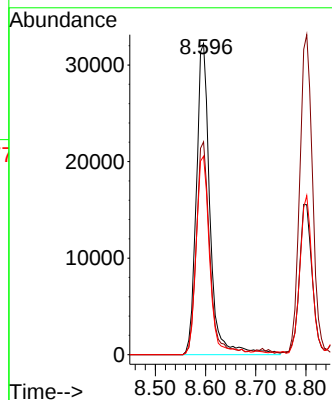
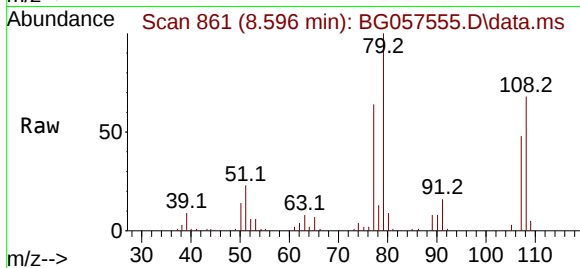
Instrument :

BNA_G

ClientSampleId :

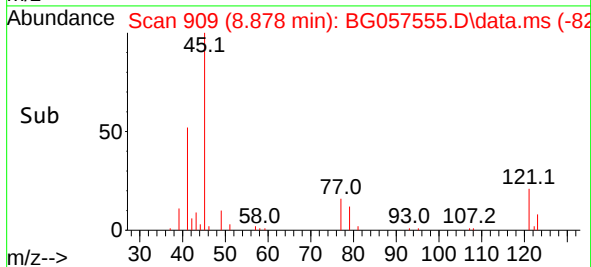
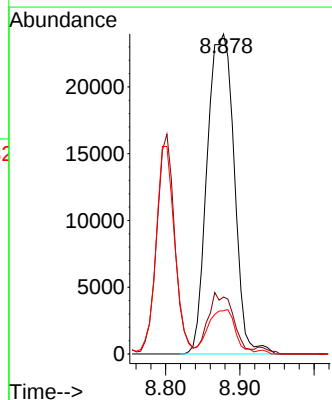
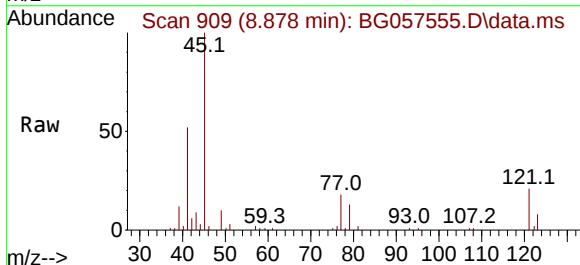
PB152903BS

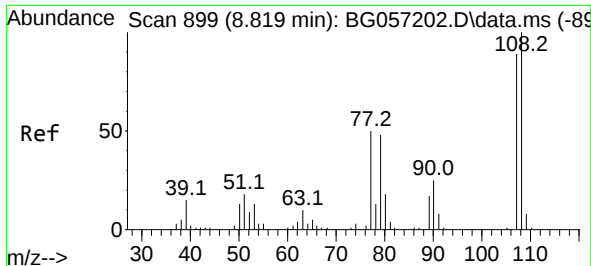
Tgt Ion: 79 Resp: 60862
Ion Ratio Lower Upper
79 100
108 68.4 52.2 78.2
77 63.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.455 ng
RT: 8.878 min Scan# 909
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion: 45 Resp: 60519
Ion Ratio Lower Upper
45 100
77 17.8 0.0 38.5
79 13.5 0.0 33.8

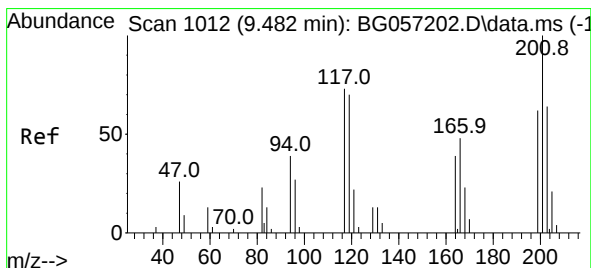
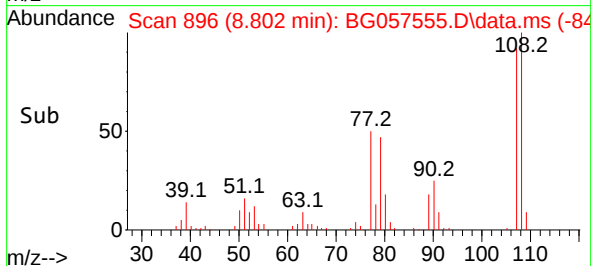
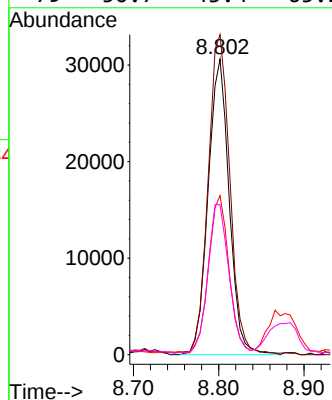
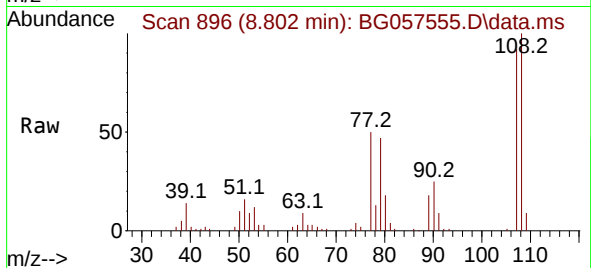




#17
2-Methylphenol
Concen: 49.779 ng
RT: 8.802 min Scan# 899
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

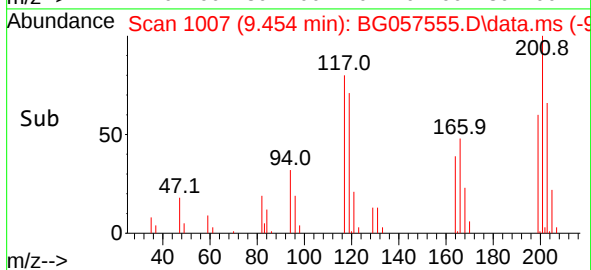
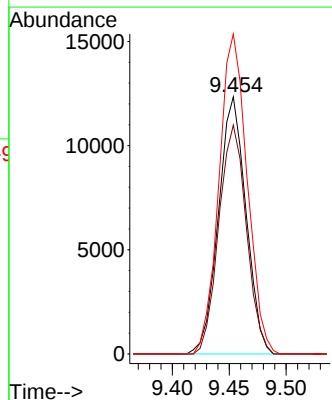
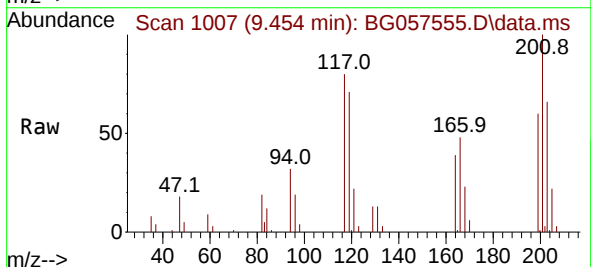
Instrument :
BNA_G
ClientSampleId :
PB152903BS

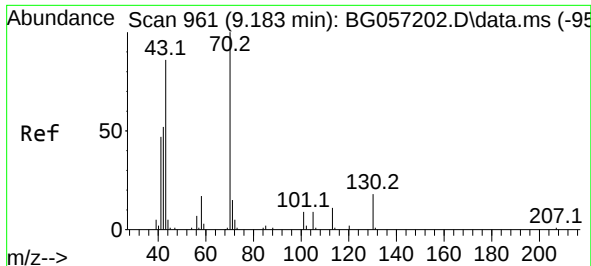
Tgt Ion:	107	Resp:	52581
Ion	Ratio	Lower	Upper
107	100		
108	108.3	89.5	134.3
77	53.8	45.1	67.7
79	50.7	43.4	65.2



#18
Hexachloroethane
Concen: 49.513 ng
RT: 9.454 min Scan# 1007
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:	117	Resp:	20720
Ion	Ratio	Lower	Upper
117	100		
119	89.0	76.7	115.1
201	124.4	109.0	163.4

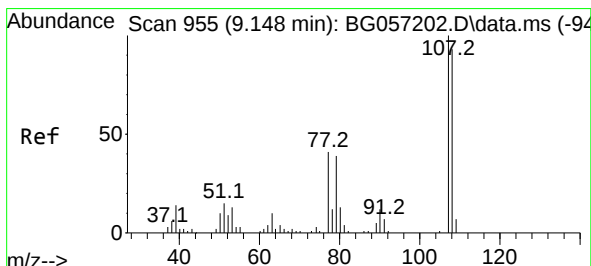
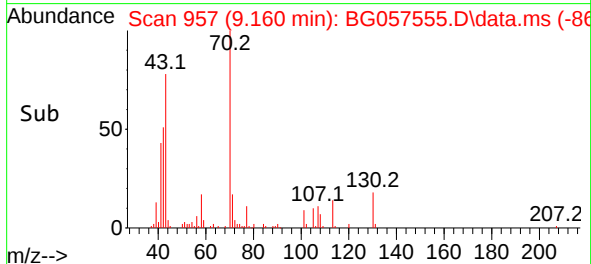
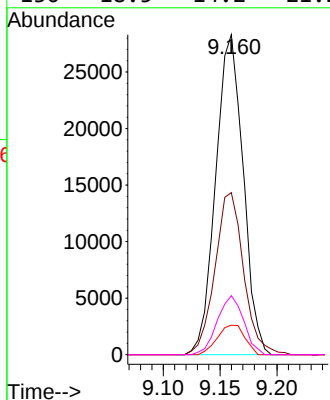
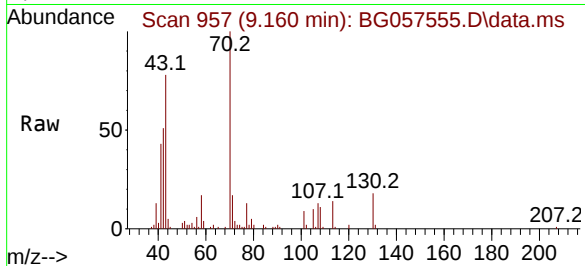




#19
n-Nitroso-di-n-propylamine
Concen: 41.441 ng
RT: 9.160 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

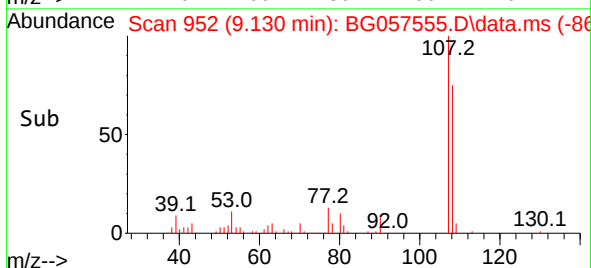
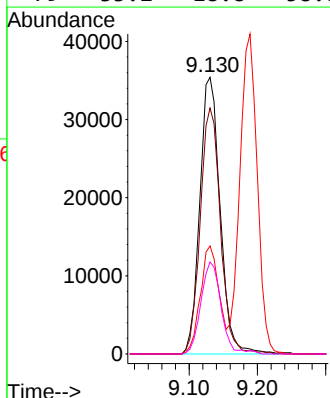
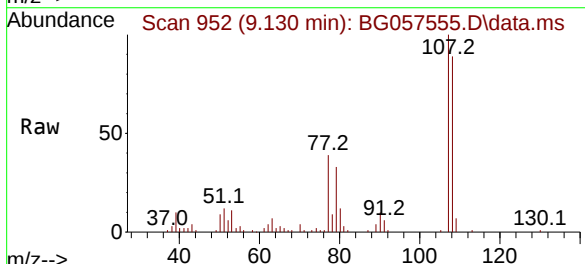
Instrument :
BNA_G
ClientSampleId :
PB152903BS

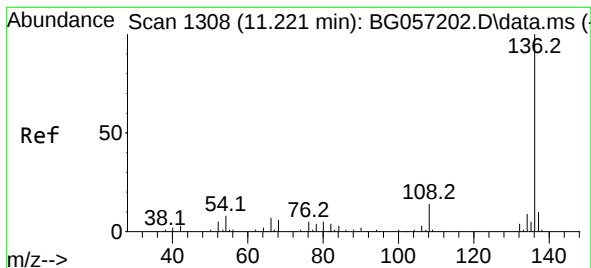
Tgt Ion:	70	Resp:	47499
Ion	Ratio	Lower	Upper
70	100		
42	50.7	41.8	62.8
101	9.2	6.8	10.2
130	18.5	14.2	21.2



#20
3+4-Methylphenols
Concen: 50.695 ng
RT: 9.130 min Scan# 952
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:	107	Resp:	73322
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.5	113.5
77	39.0	21.1	61.1
79	33.2	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.198 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

Tgt Ion:136 Resp: 71252

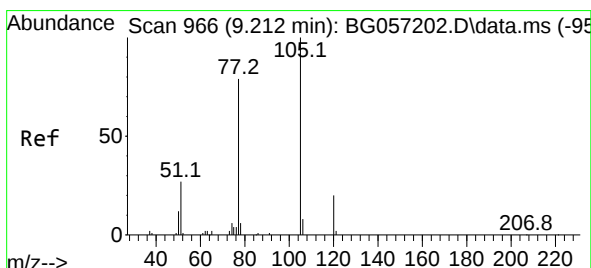
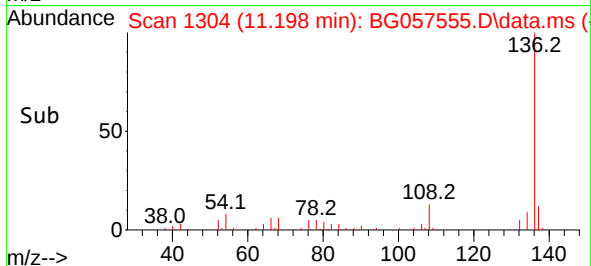
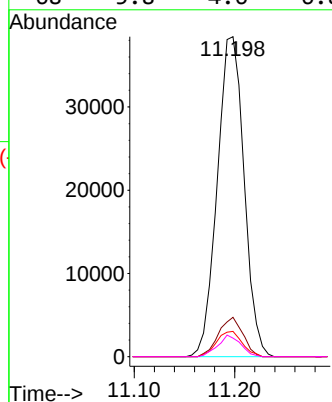
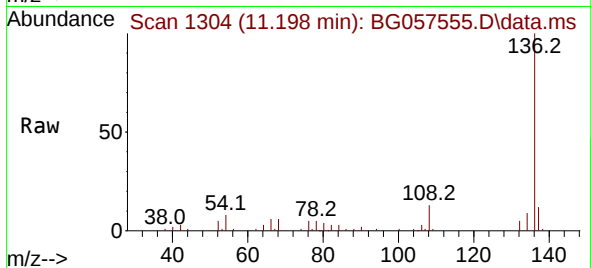
Ion Ratio Lower Upper

136 100

137 12.3 8.3 12.5

54 7.9 6.7 10.1

68 5.8 4.6 6.8



#22

Acetophenone

Concen: 43.045 ng

RT: 9.189 min Scan# 962

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Tgt Ion:105 Resp: 87784

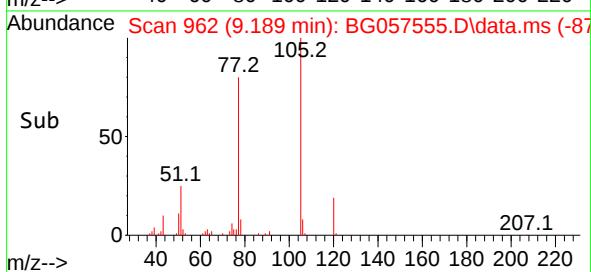
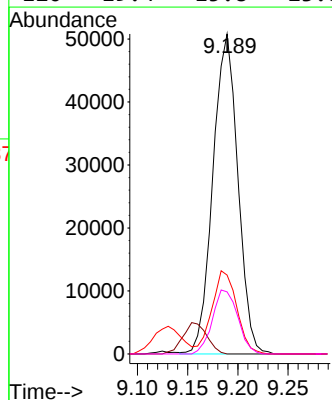
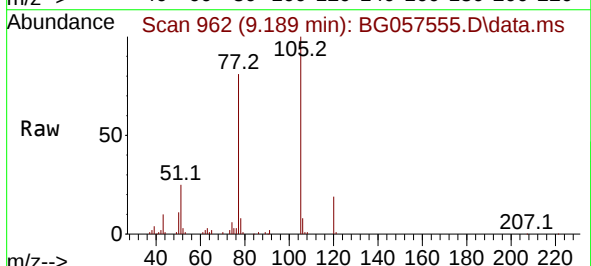
Ion Ratio Lower Upper

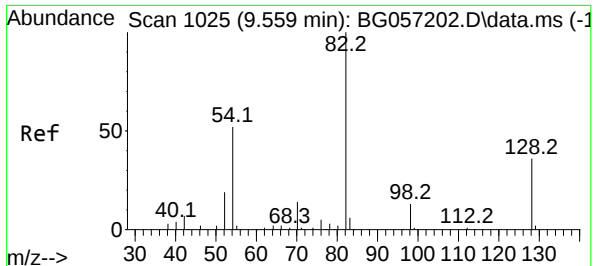
105 100

71 0.0 0.4 0.6#

51 24.6 24.0 36.0

120 19.4 15.8 23.8





#23

Nitrobenzene-d5

Concen: 77.980 ng

RT: 9.536 min Scan# 1021

Delta R.T. -0.011 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

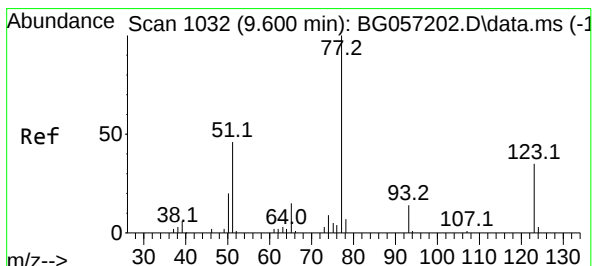
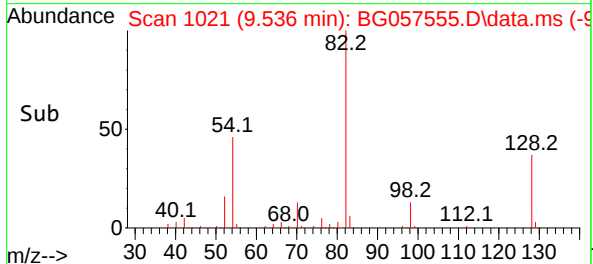
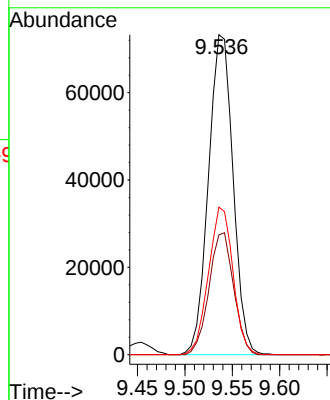
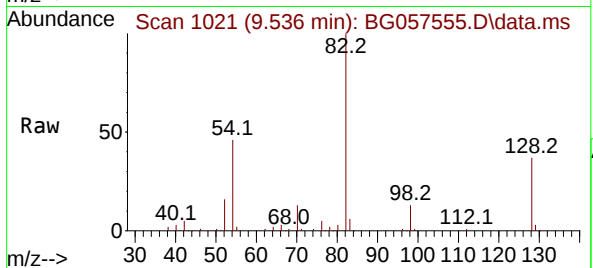
Tgt Ion: 82 Resp: 132383

Ion Ratio Lower Upper

82 100

128 37.5 29.0 43.4

54 46.1 41.4 62.0



#24

Nitrobenzene

Concen: 40.794 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

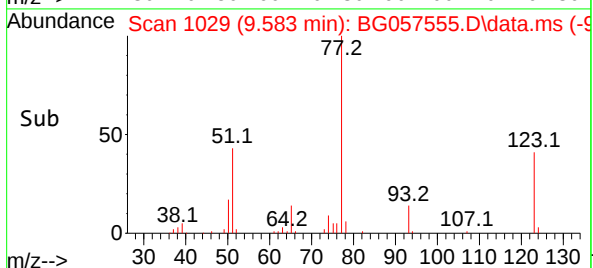
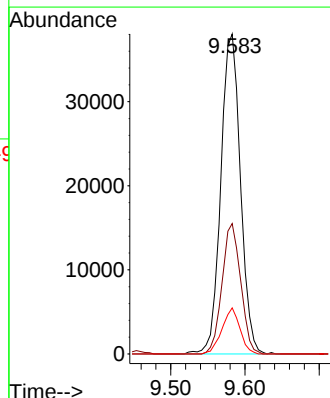
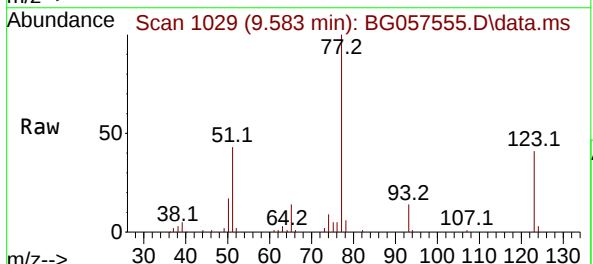
Tgt Ion: 77 Resp: 69899

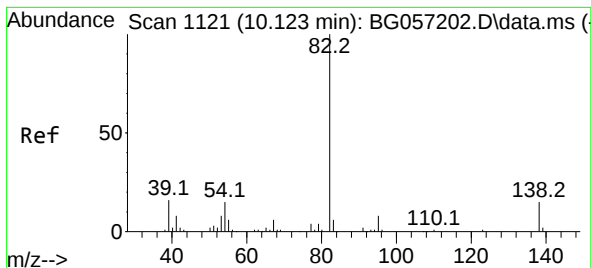
Ion Ratio Lower Upper

77 100

123 40.7 28.2 42.2

65 14.4 11.7 17.5





#25

Isophorone

Concen: 39.996 ng

RT: 10.100 min Scan# 1117

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

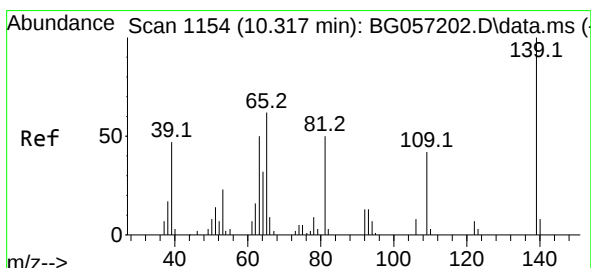
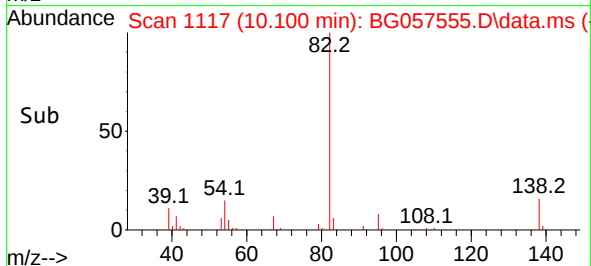
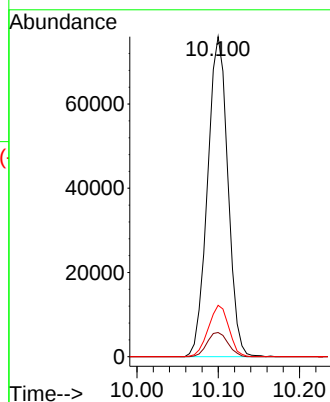
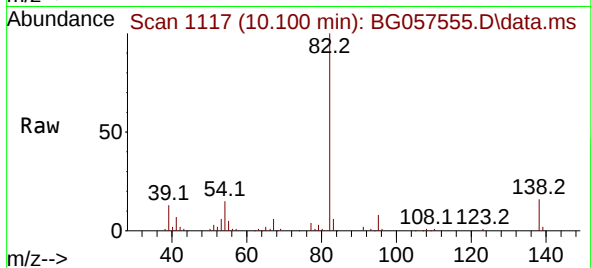
Tgt Ion: 82 Resp: 131663

Ion Ratio Lower Upper

82 100

95 7.5 6.4 9.6

138 16.1 12.3 18.5



#26

2-Nitrophenol

Concen: 47.861 ng

RT: 10.300 min Scan# 1151

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

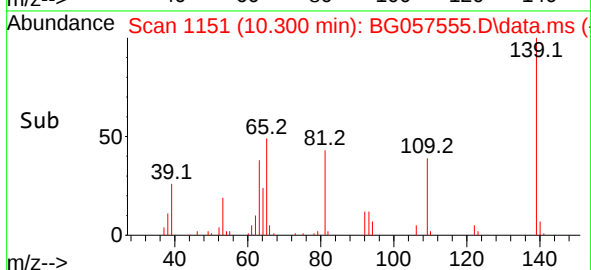
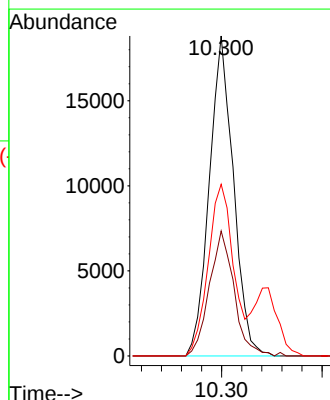
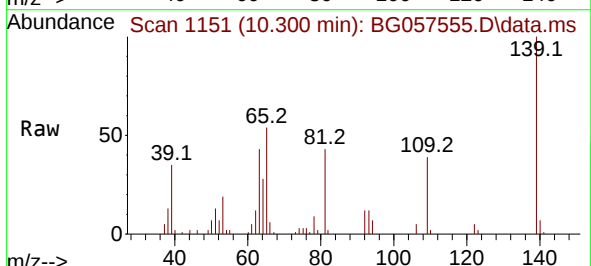
Tgt Ion:139 Resp: 31391

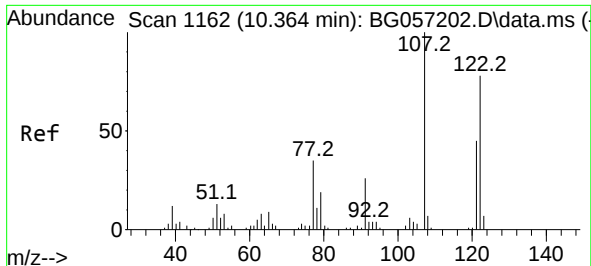
Ion Ratio Lower Upper

139 100

109 39.0 33.4 50.2

65 53.6 49.8 74.6

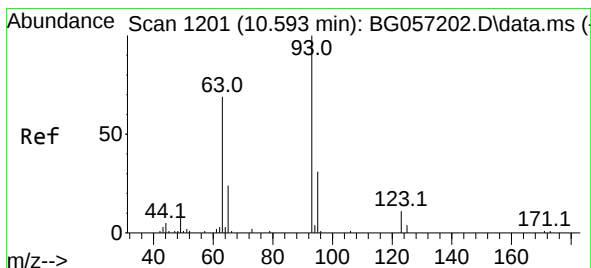
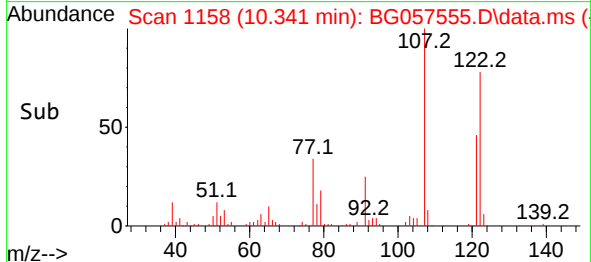
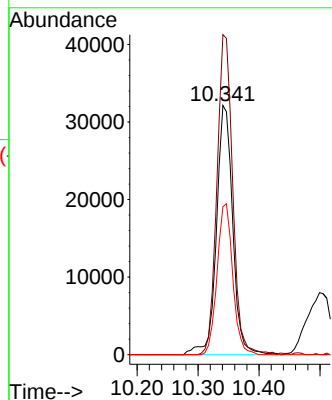
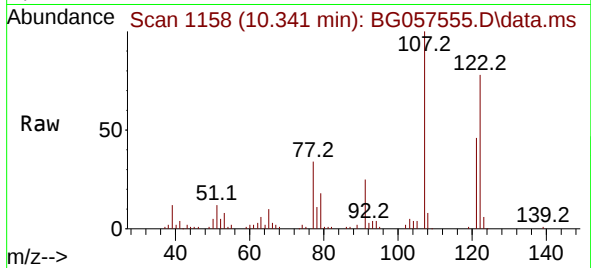




#27
2,4-Dimethylphenol
Concen: 51.832 ng
RT: 10.341 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

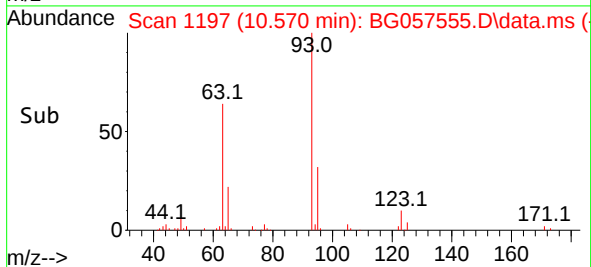
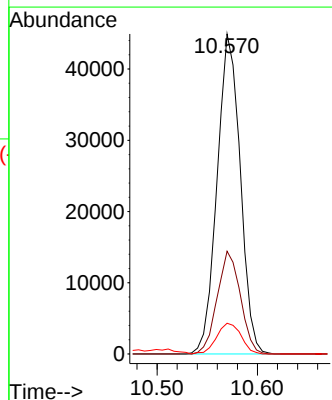
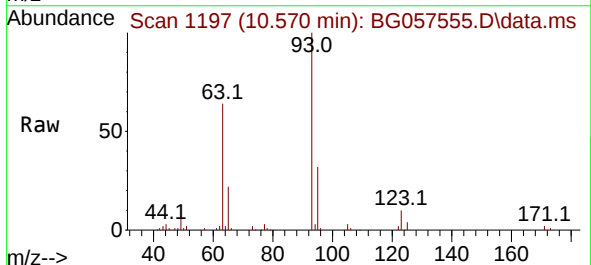
Instrument :
BNA_G
ClientSampleId :
PB152903BS

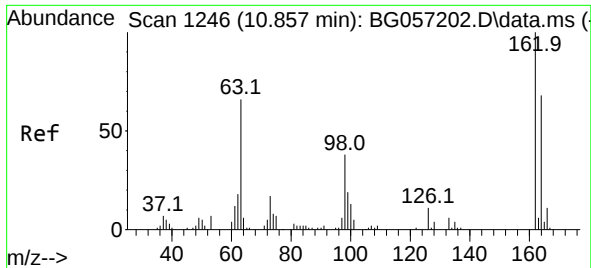
Tgt Ion:122 Resp: 59527
Ion Ratio Lower Upper
122 100
107 128.4 103.0 154.4
121 59.4 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.573 ng
RT: 10.570 min Scan# 1197
Delta R.T. -0.011 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion: 93 Resp: 71860
Ion Ratio Lower Upper
93 100
95 32.1 25.0 37.6
123 9.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 51.453 ng

RT: 10.846 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

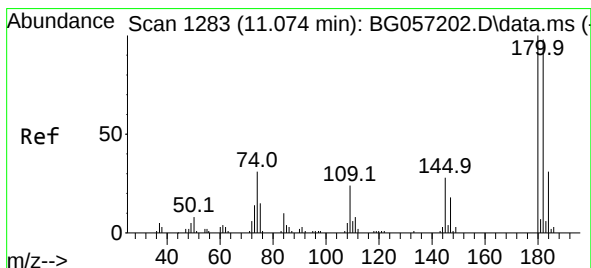
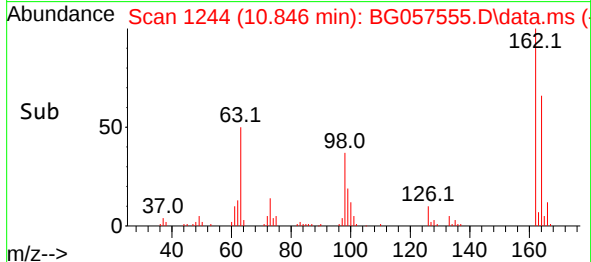
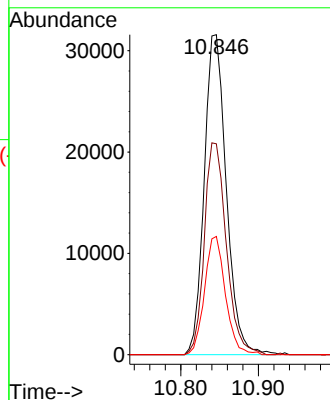
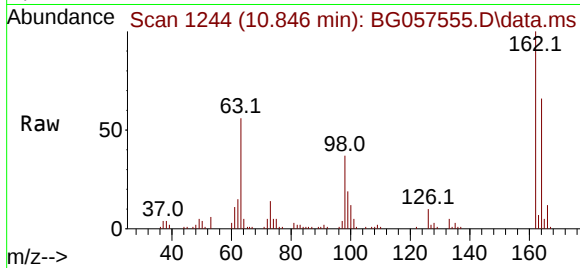
Tgt Ion:162 Resp: 62674

Ion Ratio Lower Upper

162 100

164 65.9 48.4 88.4

98 37.0 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 44.393 ng

RT: 11.051 min Scan# 1279

Delta R.T. -0.011 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

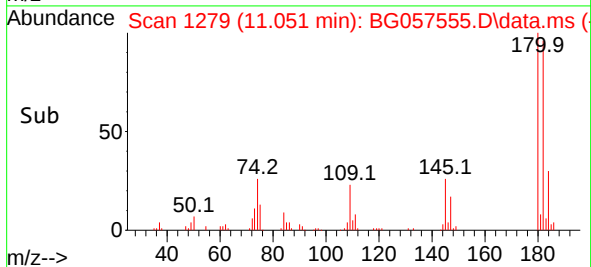
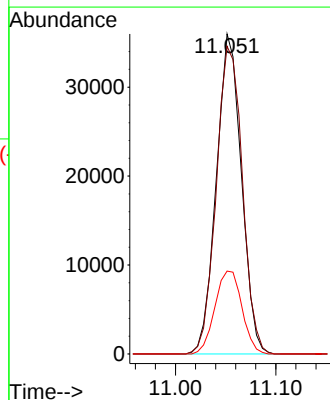
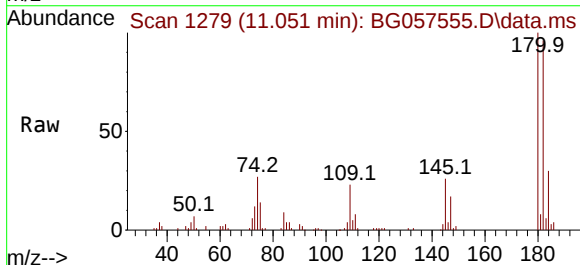
Tgt Ion:180 Resp: 62370

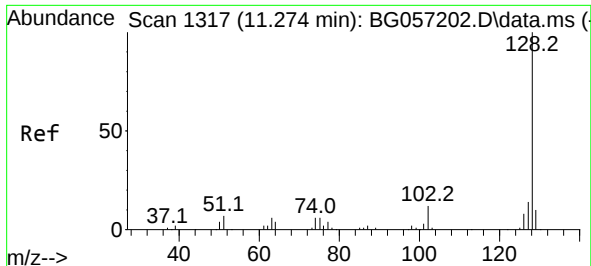
Ion Ratio Lower Upper

180 100

182 96.2 78.0 117.0

145 25.9 22.4 33.6

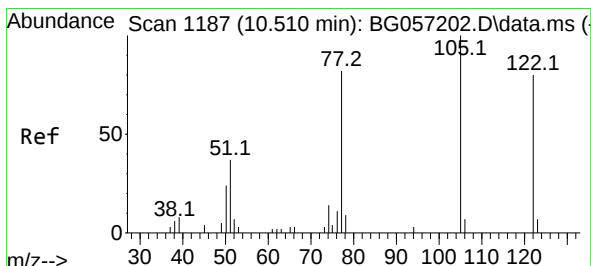
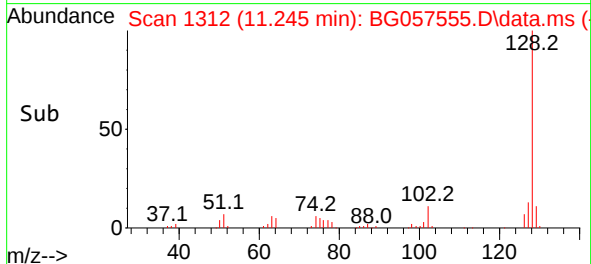
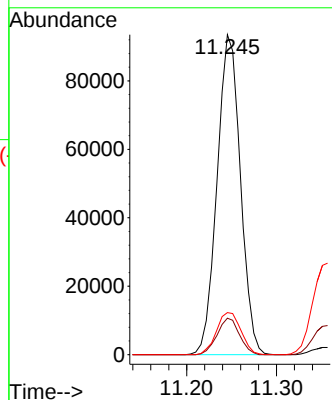
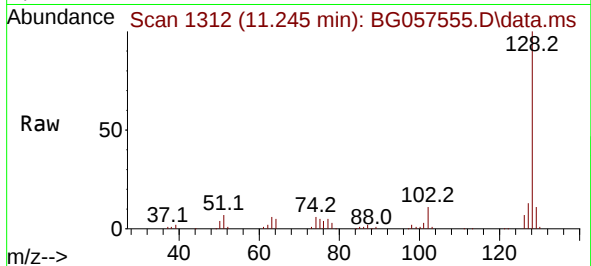




#31
Naphthalene
Concen: 44.266 ng
RT: 11.245 min Scan# 1185
Delta R.T. -0.011 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

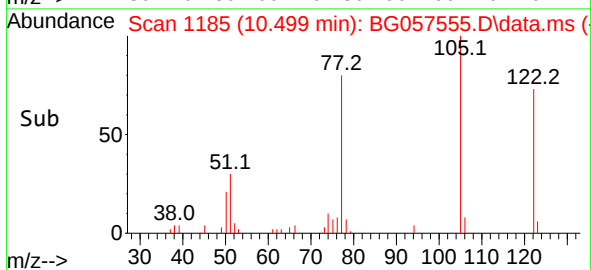
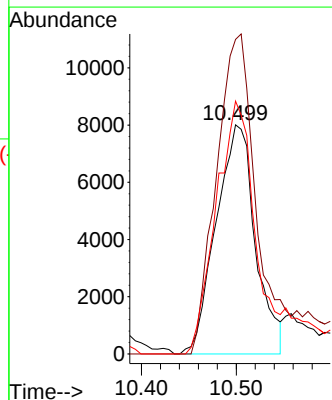
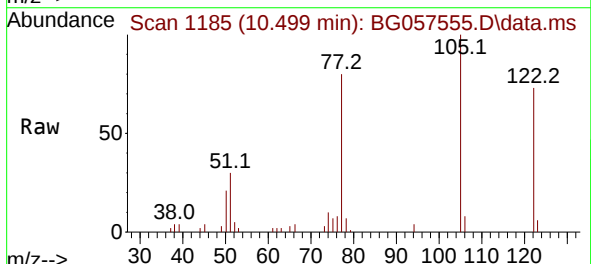
Instrument :
BNA_G
ClientSampleId :
PB152903BS

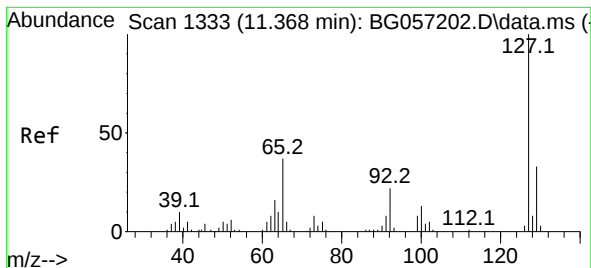
Tgt Ion:128 Resp: 168617
Ion Ratio Lower Upper
128 100
129 11.4 8.3 12.5
127 13.1 11.1 16.7



#32
Benzoic acid
Concen: 36.072 ng
RT: 10.499 min Scan# 1185
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:122 Resp: 23028
Ion Ratio Lower Upper
122 100
105 137.2 105.2 145.2
77 110.3 83.1 123.1

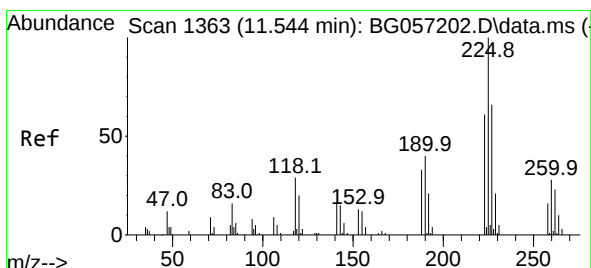
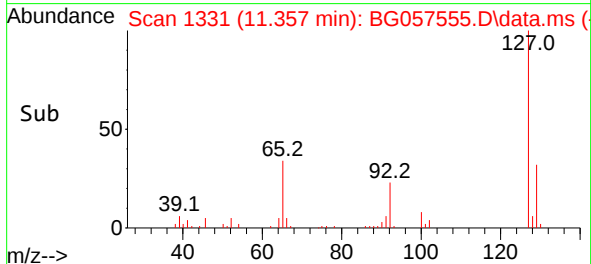
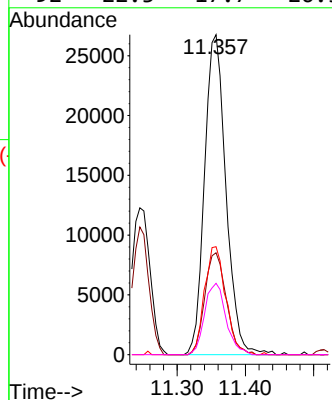
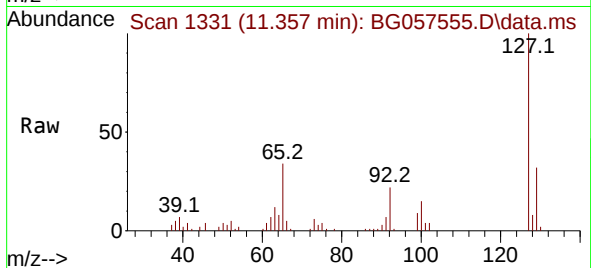




#33
4-Chloroaniline
Concen: 34.189 ng
RT: 11.357 min Scan# 11357
Delta R.T. 0.001 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

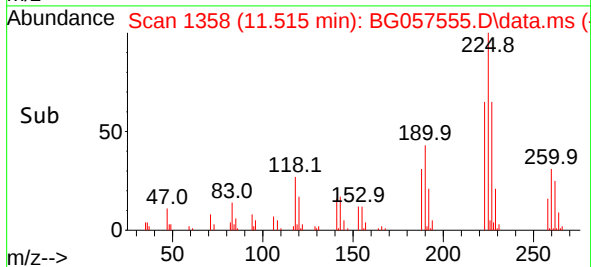
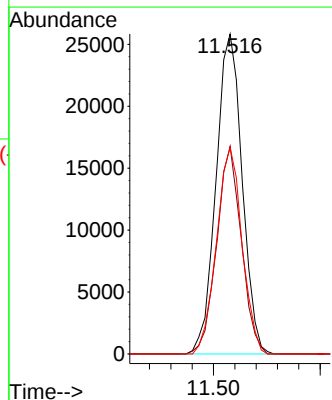
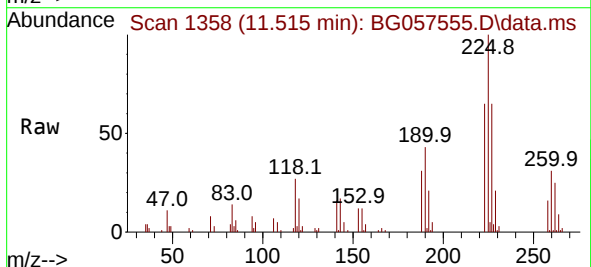
Instrument :
BNA_G
ClientSampleId :
PB152903BS

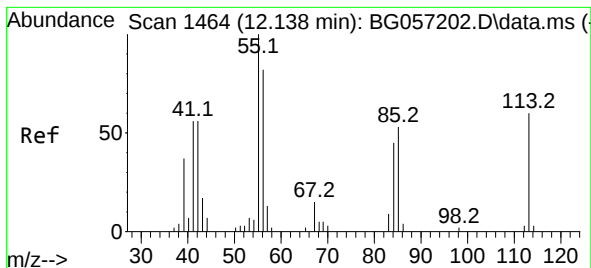
Tgt Ion:	127	Resp:	58485
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.7	40.1
65	33.7	29.7	44.5
92	22.3	17.7	26.5



#34
Hexachlorobutadiene
Concen: 42.014 ng
RT: 11.515 min Scan# 1358
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:	225	Resp:	43799
Ion	Ratio	Lower	Upper
225	100		
223	64.9	48.6	72.8
227	64.6	52.7	79.1





#35

Caprolactam

Concen: 34.125 ng

RT: 12.126 min Scan# 1462

Delta R.T. -0.011 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

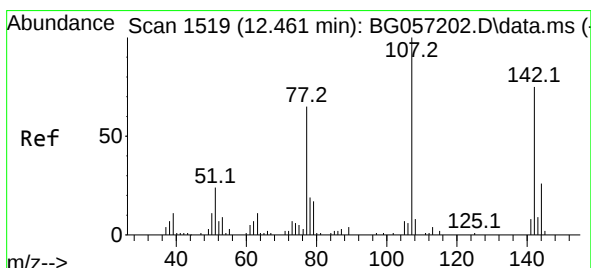
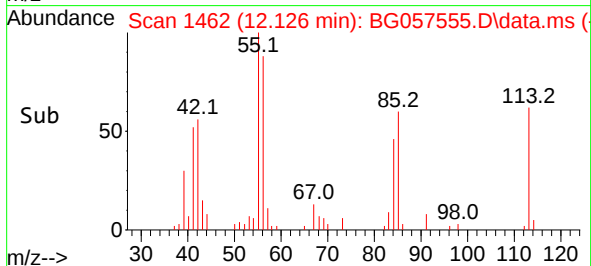
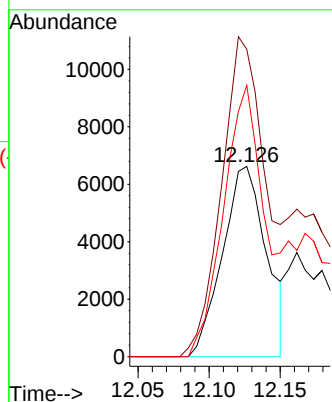
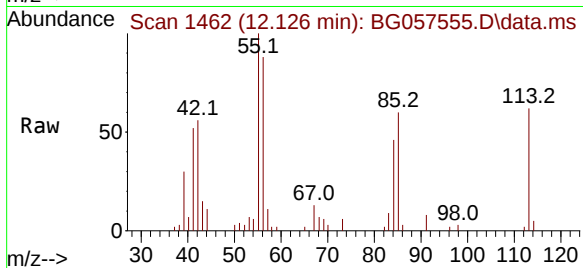
Tgt Ion:113 Resp: 14199

Ion Ratio Lower Upper

113 100

55 161.6 145.5 185.5

56 142.8 115.9 155.9



#36

4-Chloro-3-methylphenol

Concen: 53.148 ng

RT: 12.455 min Scan# 1518

Delta R.T. 0.001 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

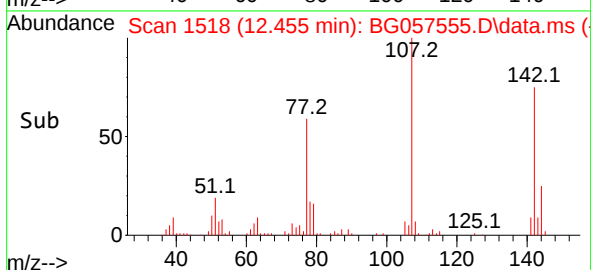
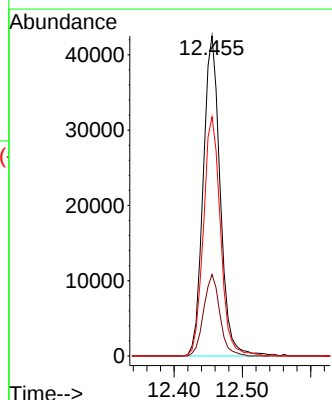
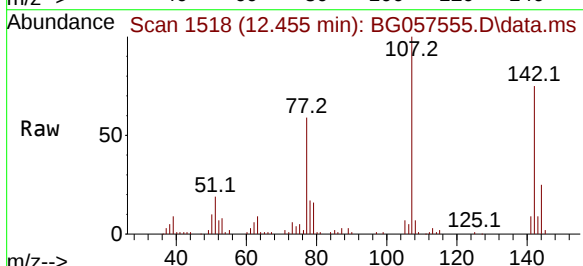
Tgt Ion:107 Resp: 73570

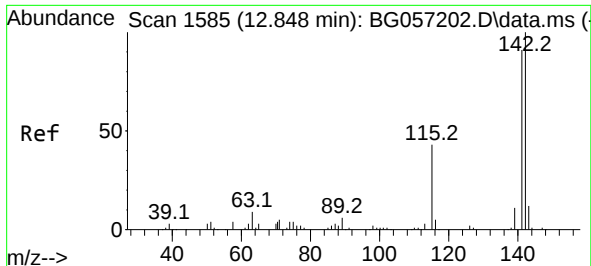
Ion Ratio Lower Upper

107 100

144 25.5 21.0 31.6

142 74.7 60.0 90.0





#37

2-Methylnaphthalene

Concen: 43.982 ng

RT: 12.825 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

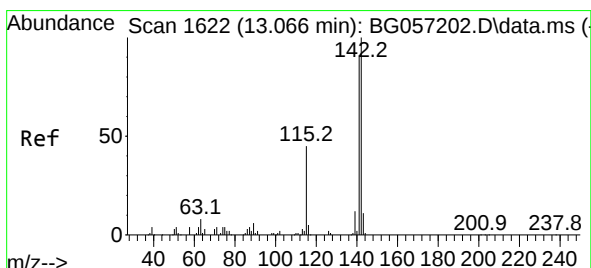
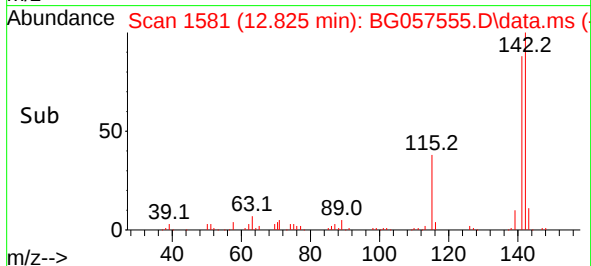
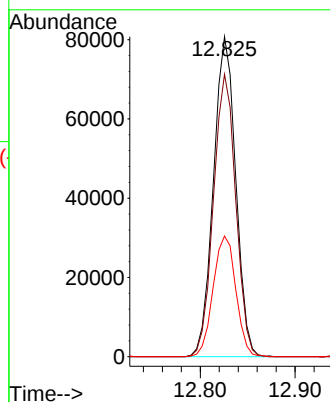
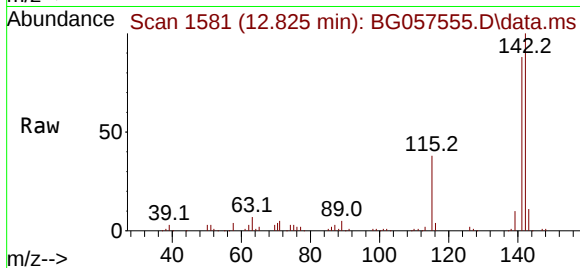
Tgt Ion:142 Resp: 131725

Ion Ratio Lower Upper

142 100

141 88.2 73.1 109.7

115 37.7 34.6 52.0



#38

1-Methylnaphthalene

Concen: 44.005 ng

RT: 13.043 min Scan# 1618

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

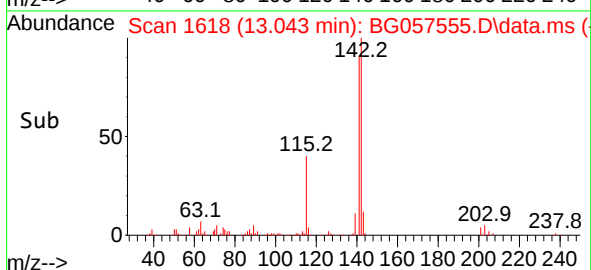
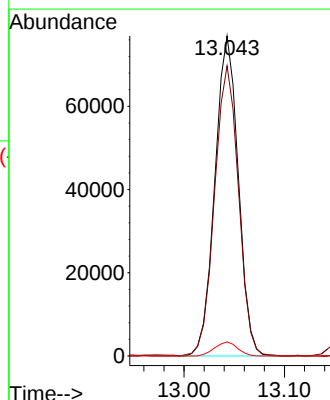
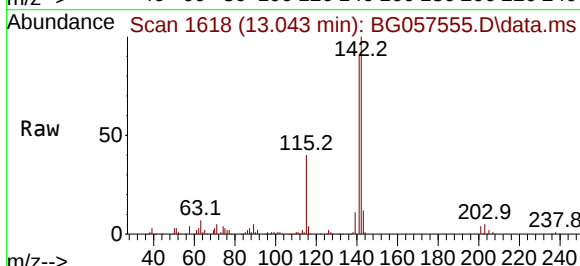
Tgt Ion:142 Resp: 124223

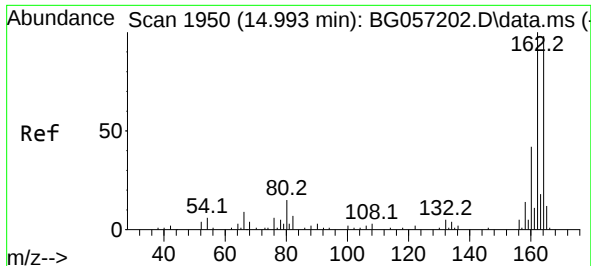
Ion Ratio Lower Upper

142 100

141 90.6 72.5 108.7

116 4.4 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.976 min Scan# 1947

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

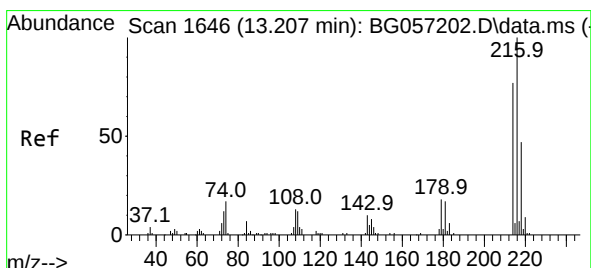
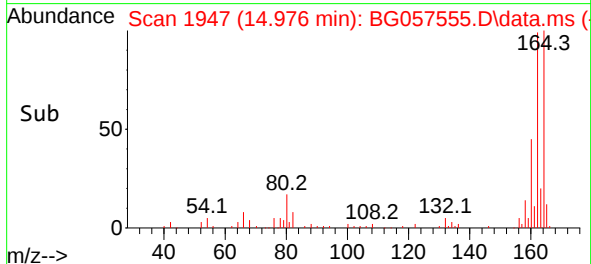
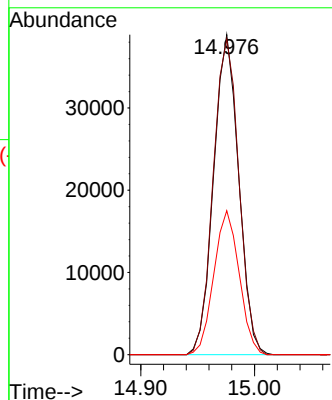
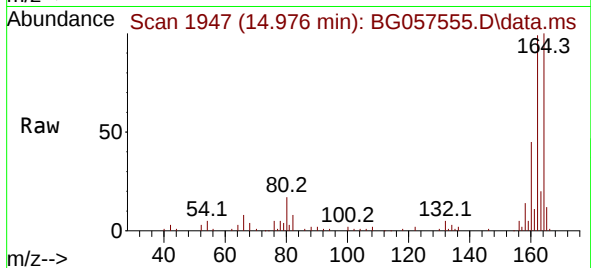
Tgt Ion:164 Resp: 59602

Ion Ratio Lower Upper

164 100

162 98.6 81.8 122.6

160 45.0 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.671 ng

RT: 13.190 min Scan# 1643

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Tgt Ion:216 Resp: 90288

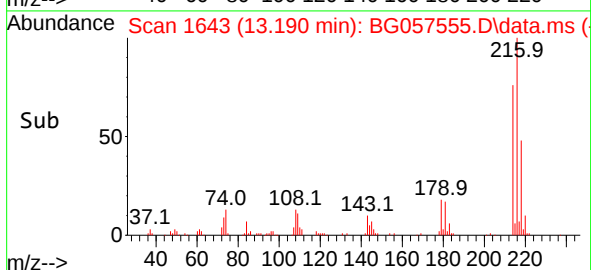
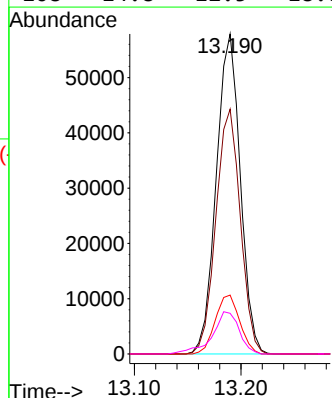
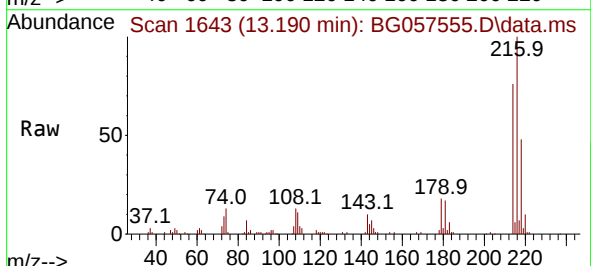
Ion Ratio Lower Upper

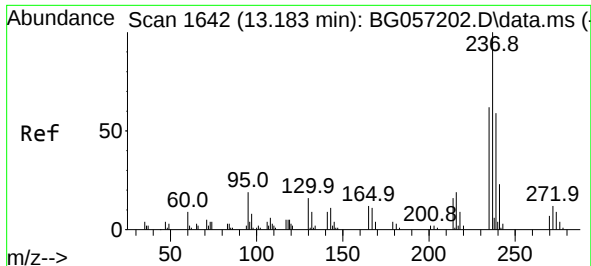
216 100

214 77.8 63.7 95.5

179 18.8 14.6 22.0

108 14.8 12.5 18.7

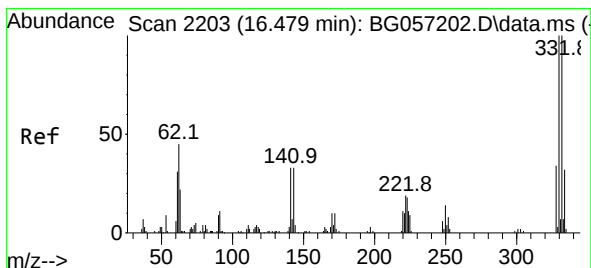
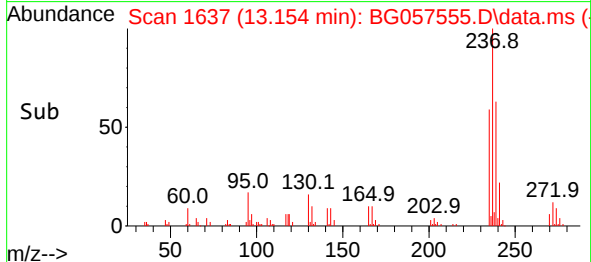
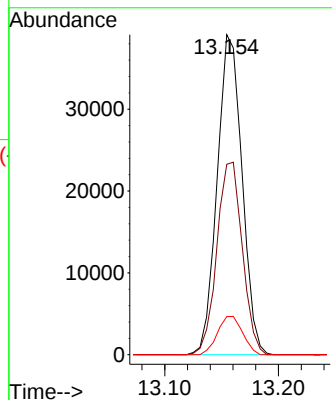
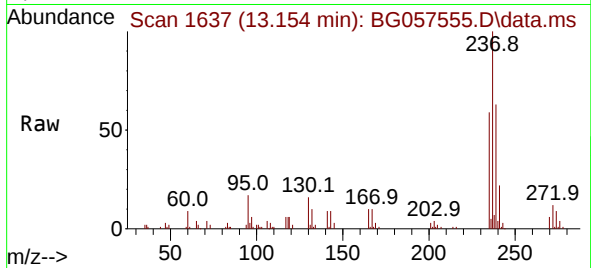




#41
Hexachlorocyclopentadiene
Concen: 60.139 ng
RT: 13.154 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

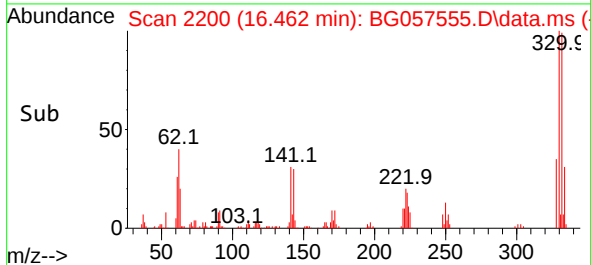
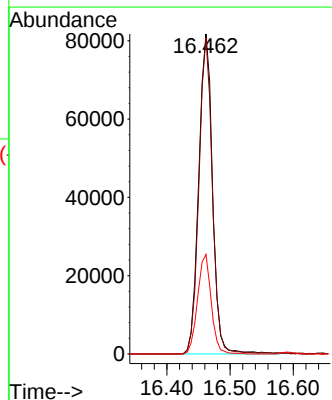
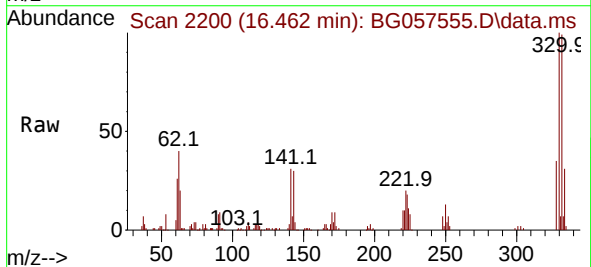
Instrument :
BNA_G
ClientSampleId :
PB152903BS

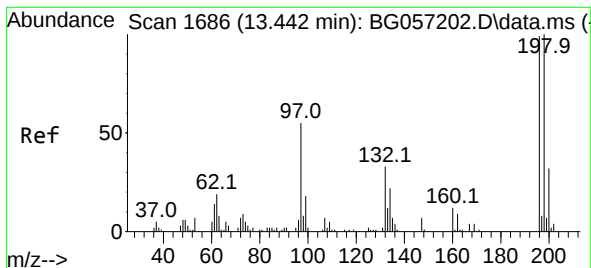
Tgt Ion:237 Resp: 59440
Ion Ratio Lower Upper
237 100
235 59.5 42.0 82.0
272 11.9 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 146.755 ng
RT: 16.462 min Scan# 2200
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:330 Resp: 124109
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.2
141 30.7 27.8 41.8





#43

2,4,6-Trichlorophenol

Concen: 46.175 ng

RT: 13.425 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

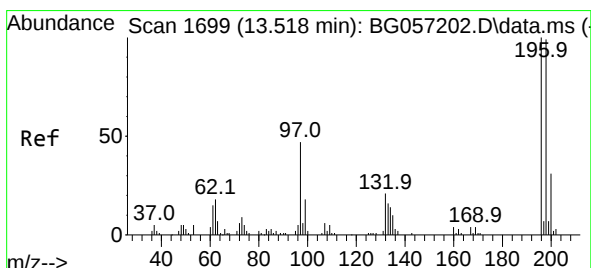
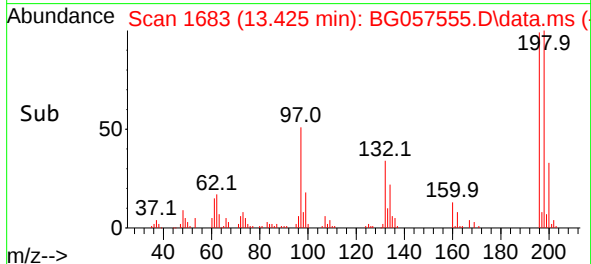
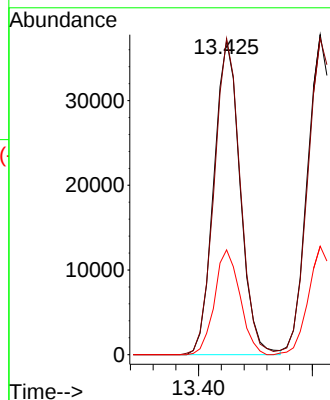
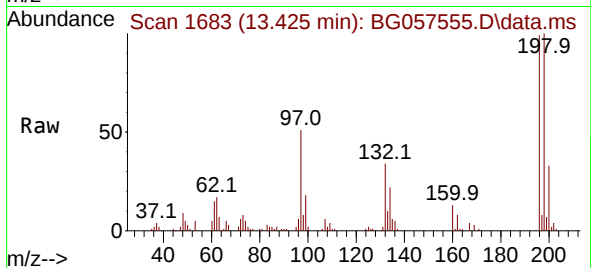
Tgt Ion:196 Resp: 59524

Ion Ratio Lower Upper

196 100

198 100.7 81.2 121.8

200 33.4 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 43.884 ng

RT: 13.507 min Scan# 1697

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Tgt Ion:196 Resp: 66543

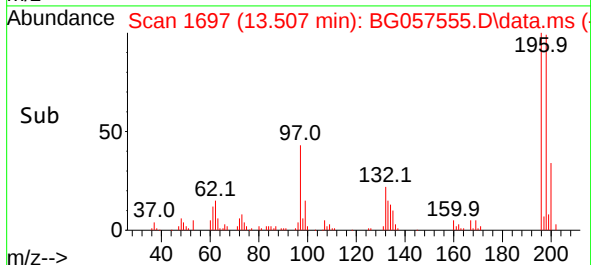
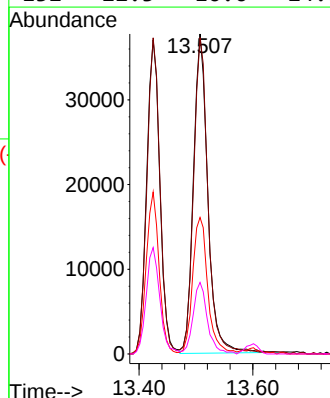
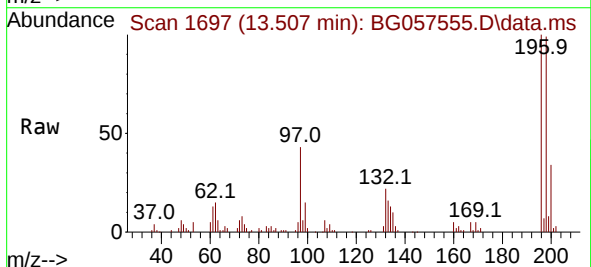
Ion Ratio Lower Upper

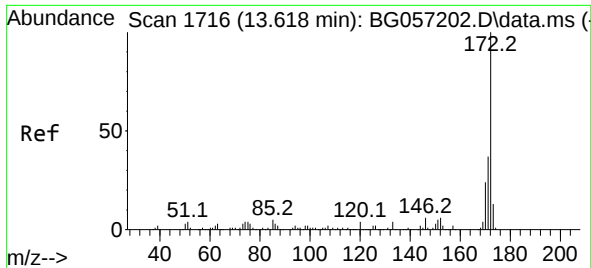
196 100

198 98.9 79.4 119.2

97 42.6 37.0 55.4

132 22.3 16.6 24.8

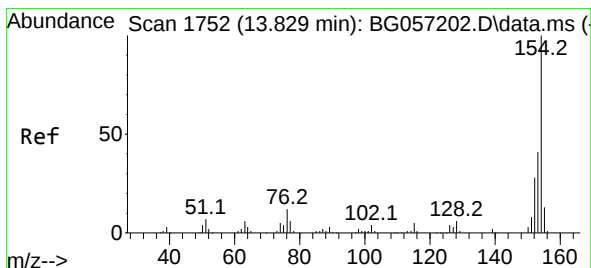
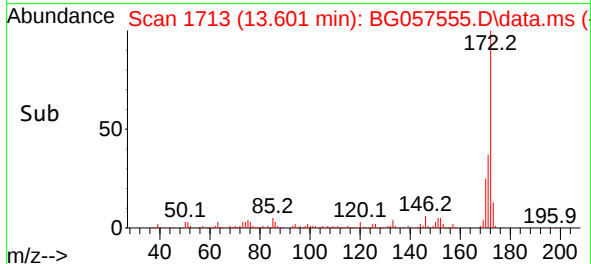
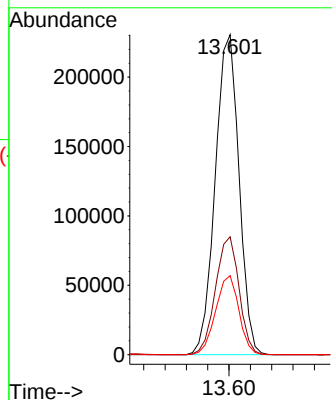
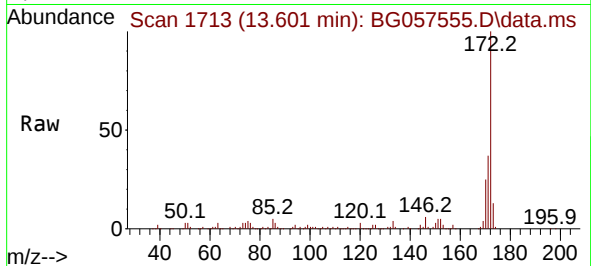




#45
2-Fluorobiphenyl
Concen: 80.492 ng
RT: 13.601 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

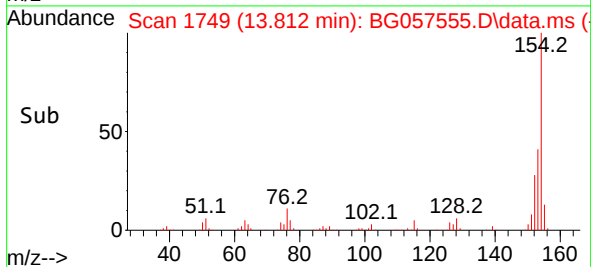
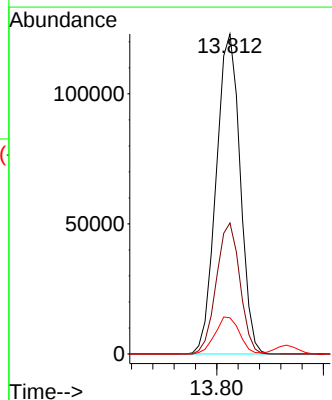
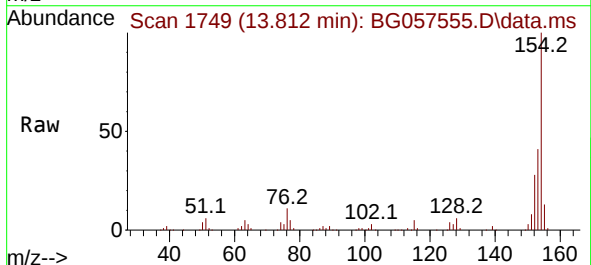
Instrument :
BNA_G
ClientSampleId :
PB152903BS

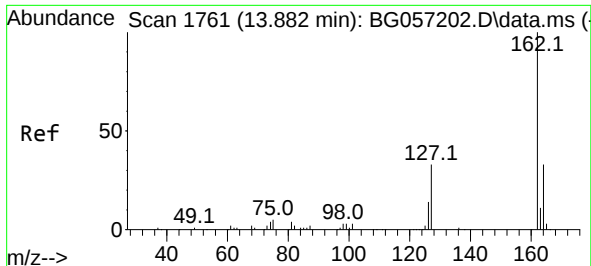
Tgt Ion:172 Resp: 356214
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 43.294 ng
RT: 13.812 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:154 Resp: 191478
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 11.3 0.0 31.7

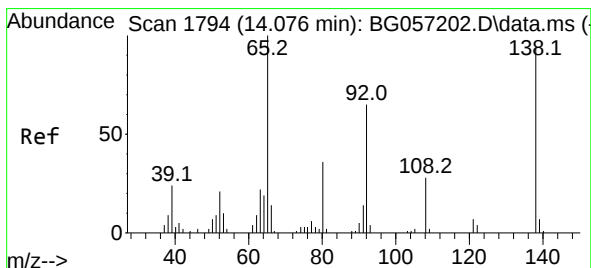
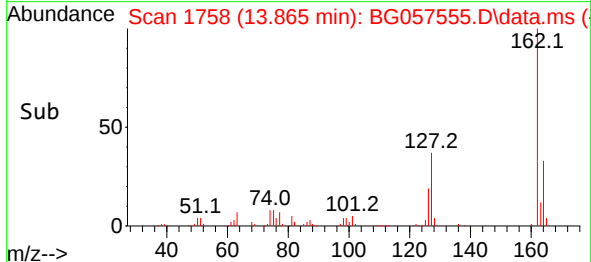
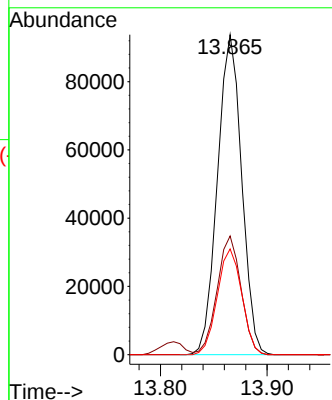
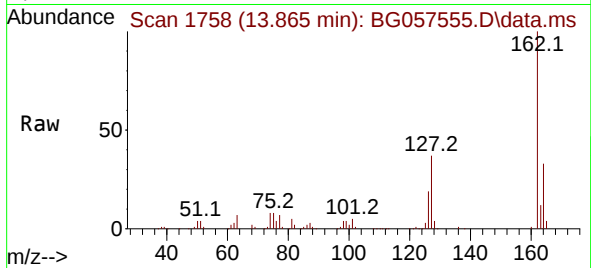




#47
2-Chloronaphthalene
Concen: 44.889 ng
RT: 13.865 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

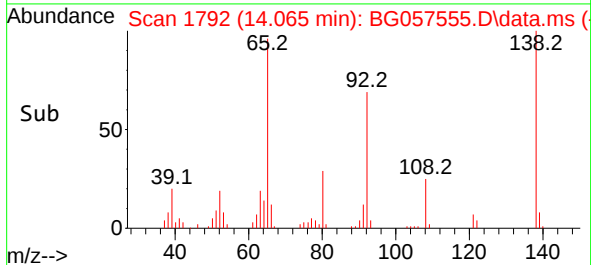
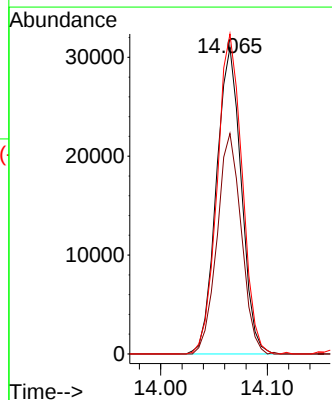
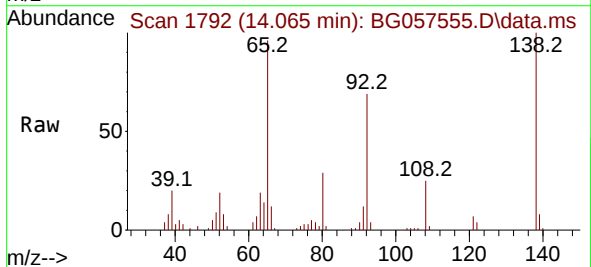
Instrument :
BNA_G
ClientSampleId :
PB152903BS

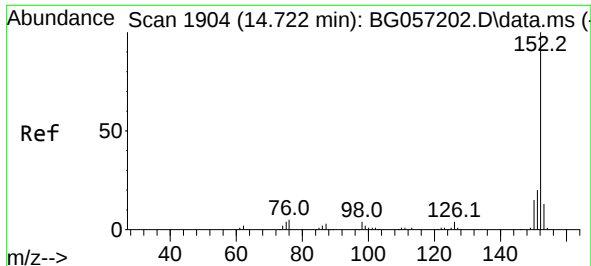
Tgt Ion:162 Resp: 147631
Ion Ratio Lower Upper
162 100
127 37.1 29.8 44.6
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 44.764 ng
RT: 14.065 min Scan# 1792
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion: 65 Resp: 50058
Ion Ratio Lower Upper
65 100
92 71.9 52.1 78.1
138 104.4 75.3 112.9

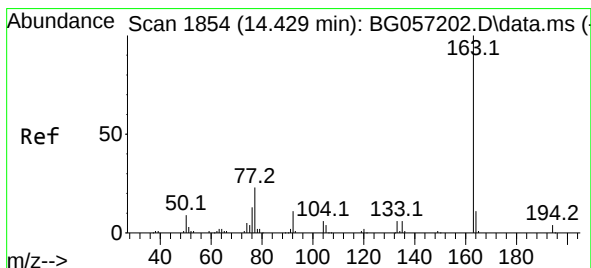
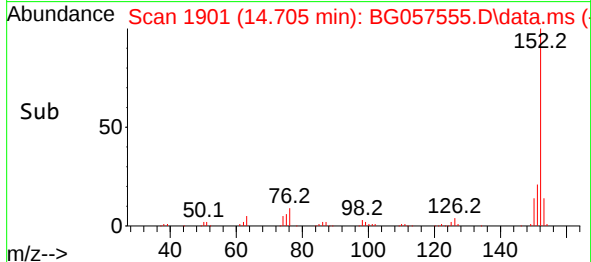
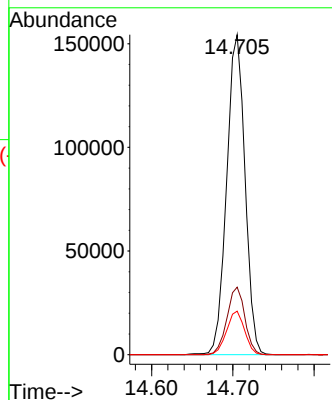
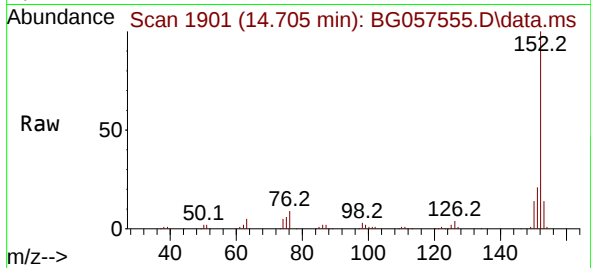




#49
Acenaphthylene
Concen: 45.342 ng
RT: 14.705 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

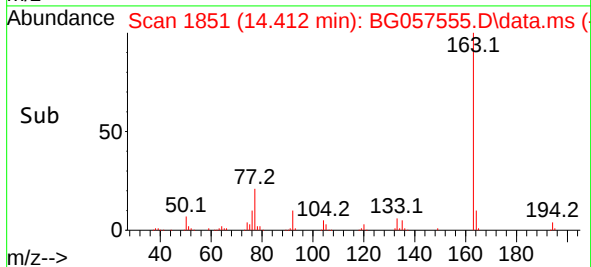
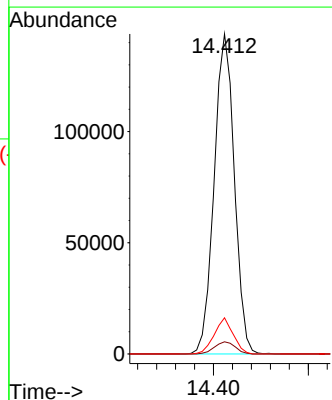
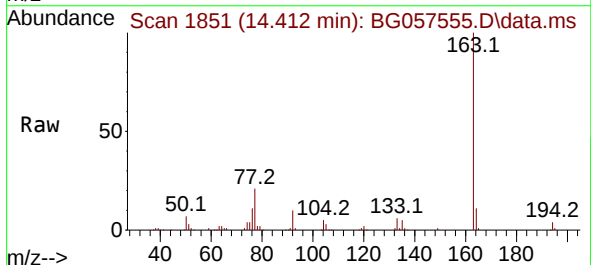
Instrument :
BNA_G
ClientSampleId :
PB152903BS

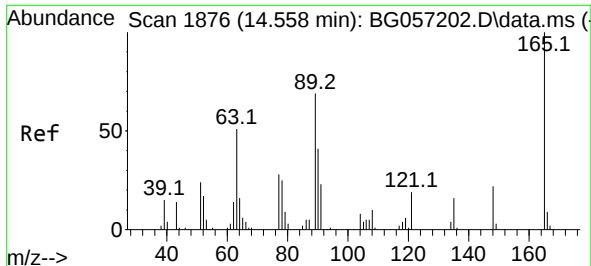
Tgt Ion:152 Resp: 242264
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 13.6 10.7 16.1



#50
Dimethylphthalate
Concen: 43.451 ng
RT: 14.412 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:163 Resp: 212814
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 11.3 8.8 13.2

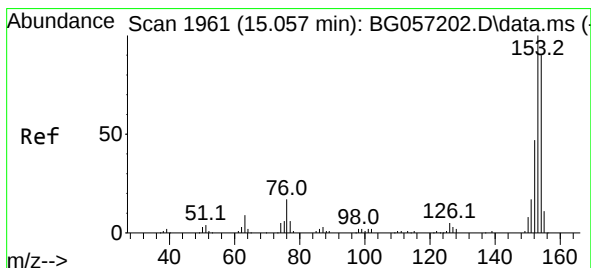
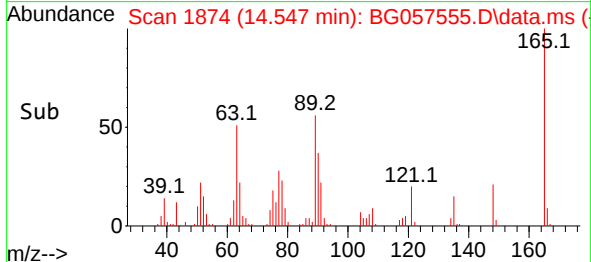
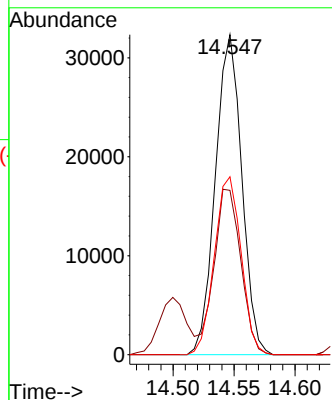
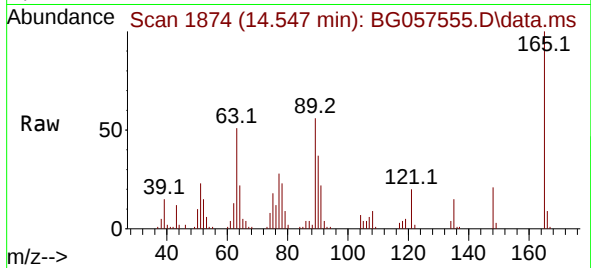




#51
2,6-Dinitrotoluene
Concen: 48.770 ng
RT: 14.547 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

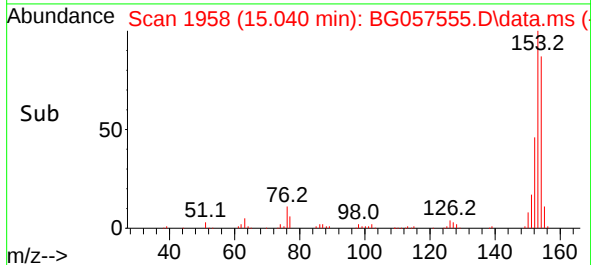
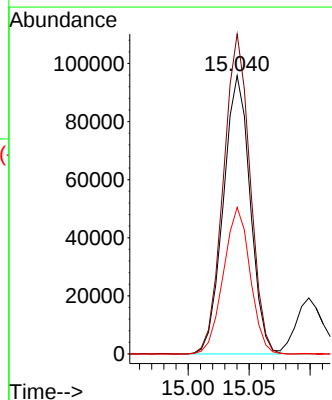
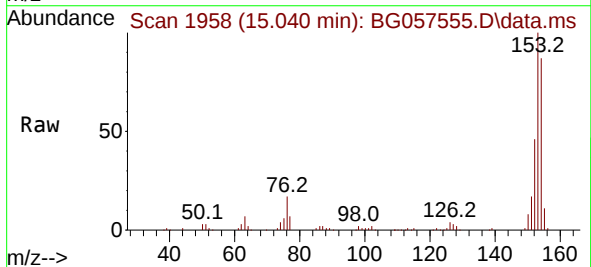
Instrument :
BNA_G
ClientSampleId :
PB152903BS

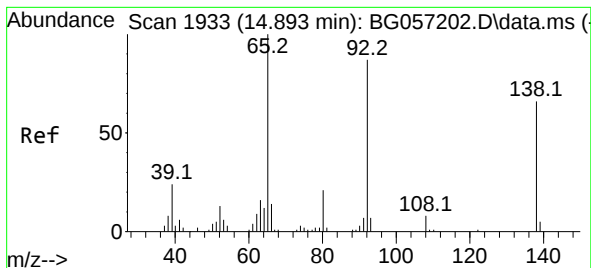
Tgt Ion:165 Resp: 48770
Ion Ratio Lower Upper
165 100
63 51.4 50.9 76.3
89 55.6 55.2 82.8



#52
Acenaphthene
Concen: 44.055 ng
RT: 15.040 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:154 Resp: 147090
Ion Ratio Lower Upper
154 100
153 115.0 89.3 133.9
152 52.7 41.7 62.5

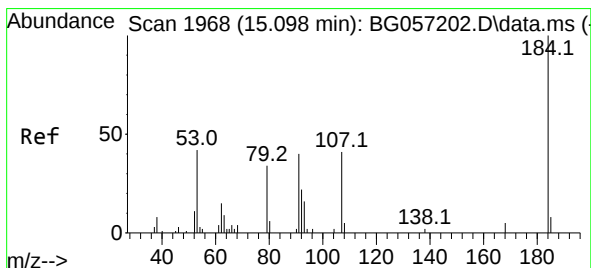
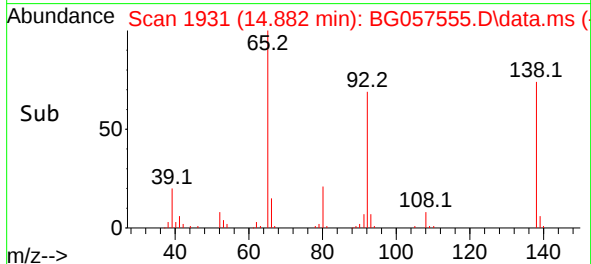
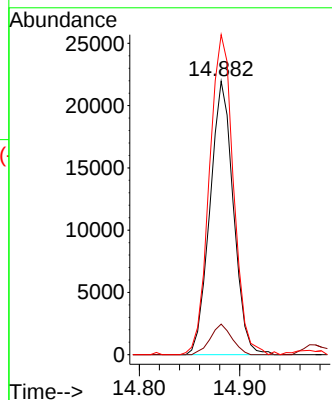
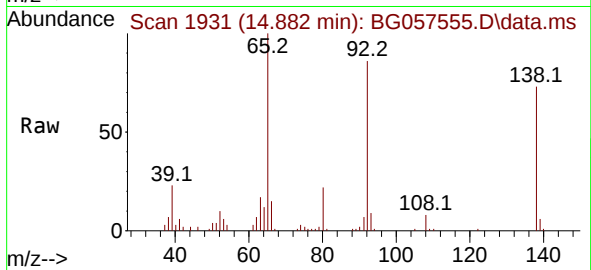




#53
3-Nitroaniline
Concen: 35.465 ng
RT: 14.882 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

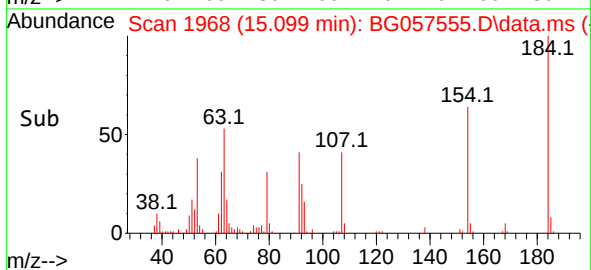
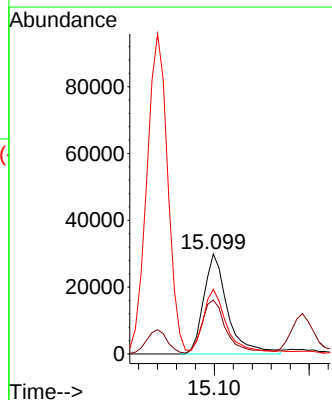
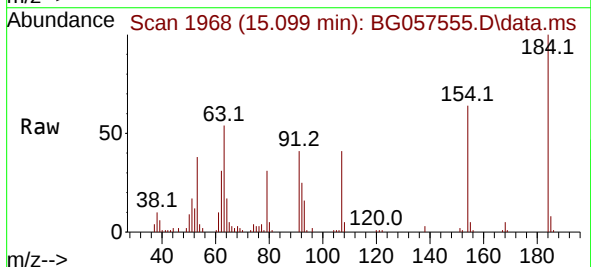
Instrument :
BNA_G
ClientSampleId :
PB152903BS

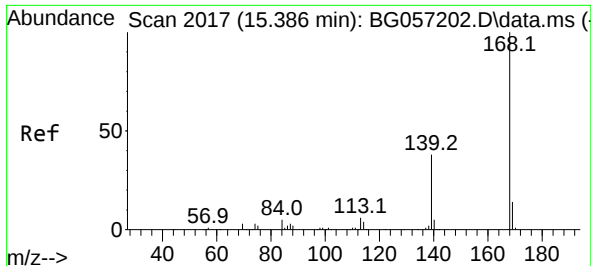
Tgt Ion:138 Resp: 35530
Ion Ratio Lower Upper
138 100
108 11.2 9.5 14.3
92 117.1 106.2 159.4



#54
2,4-Dinitrophenol
Concen: 84.317 ng
RT: 15.099 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:184 Resp: 52392
Ion Ratio Lower Upper
184 100
63 53.9 48.2 72.4
154 64.5 55.4 83.2

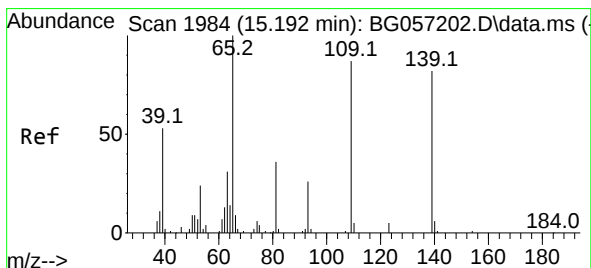
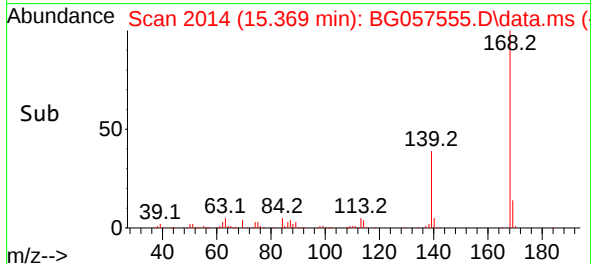
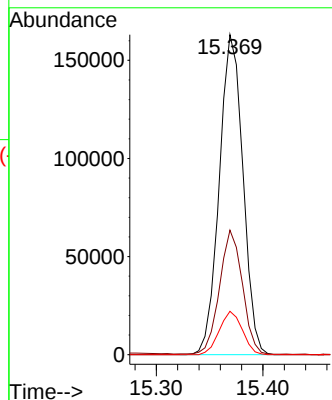
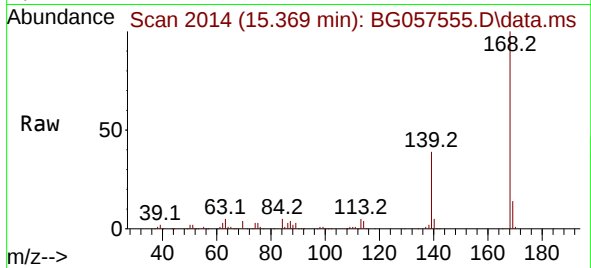




#55
Dibenzenofuran
Concen: 44.735 ng
RT: 15.369 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

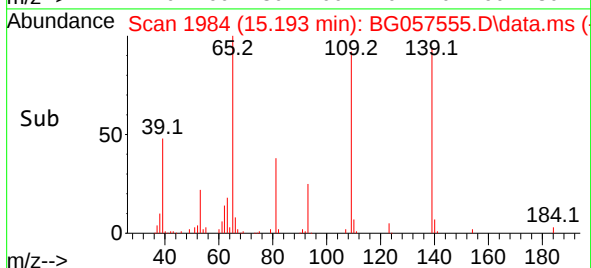
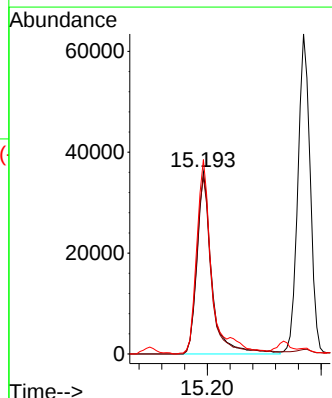
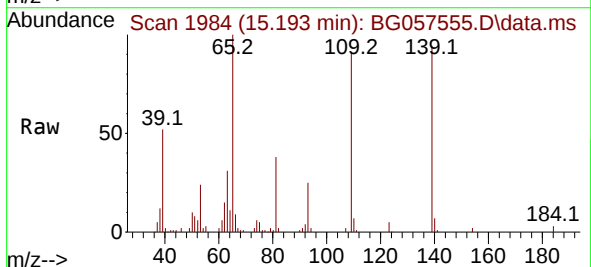
Instrument :
BNA_G
ClientSampleId :
PB152903BS

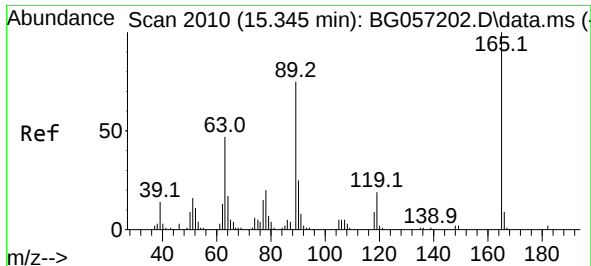
Tgt Ion:168 Resp: 250951
Ion Ratio Lower Upper
168 100
139 38.9 30.7 46.1
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 97.556 ng
RT: 15.193 min Scan# 1984
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:139 Resp: 65003
Ion Ratio Lower Upper
139 100
109 97.3 86.6 126.6
65 106.7 102.6 142.6

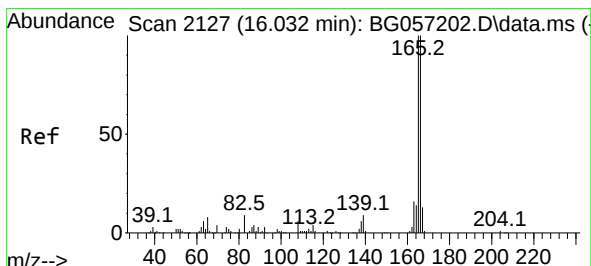
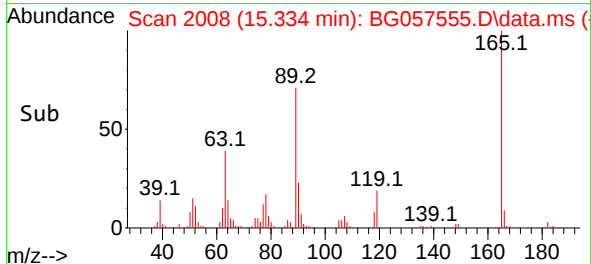
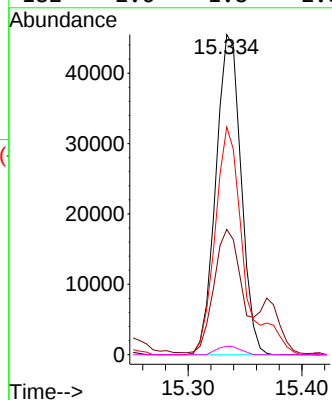
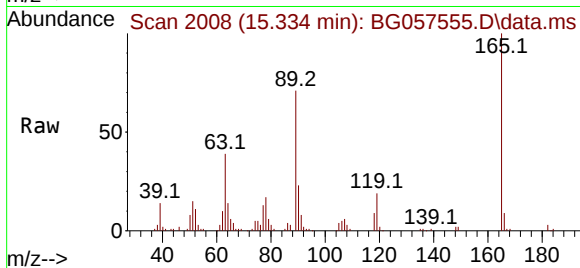




#57
2,4-Dinitrotoluene
Concen: 48.969 ng
RT: 15.334 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

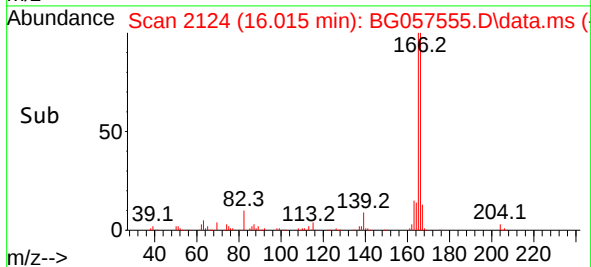
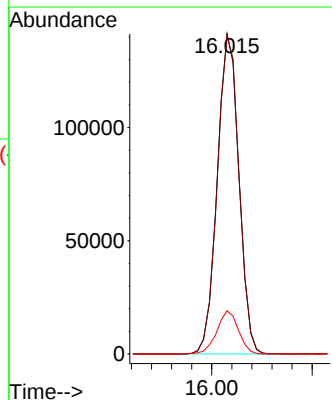
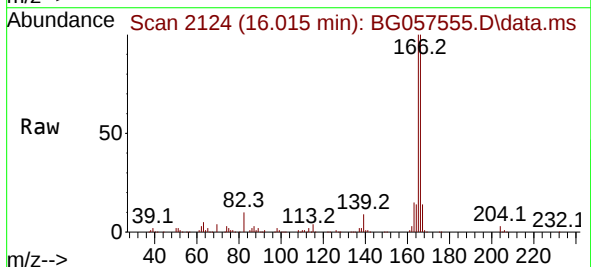
Instrument :
BNA_G
ClientSampleId :
PB152903BS

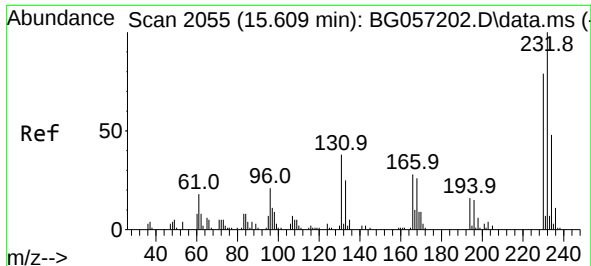
Tgt Ion:165 Resp: 69985
Ion Ratio Lower Upper
165 100
63 39.1 37.5 56.3
89 71.1 60.2 90.4
182 2.6 1.8 2.8



#58
Fluorene
Concen: 45.740 ng
RT: 16.015 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:166 Resp: 211355
Ion Ratio Lower Upper
166 100
165 99.6 80.1 120.1
167 13.6 10.2 15.2

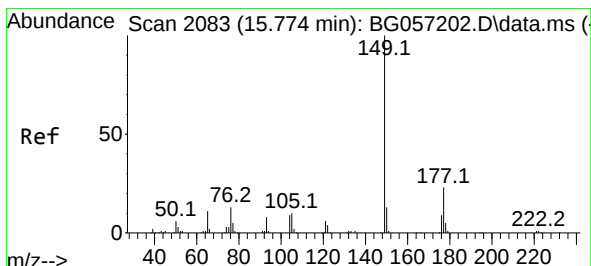
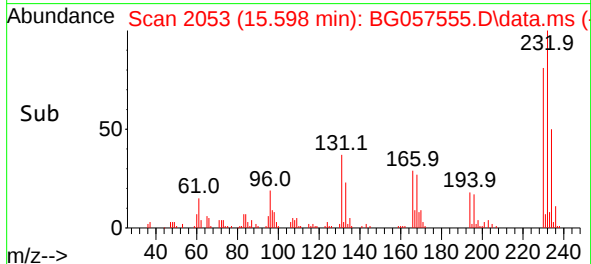
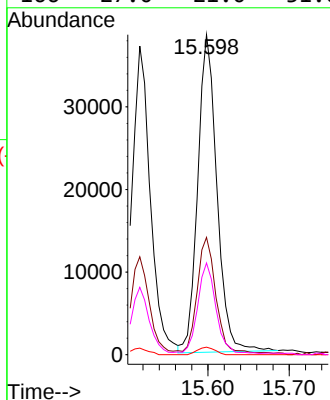
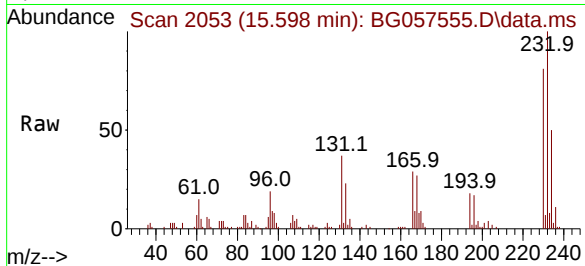




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.892 ng
RT: 15.598 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

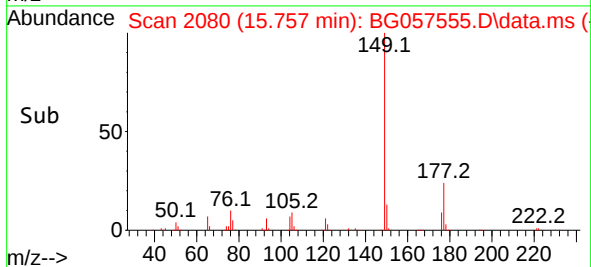
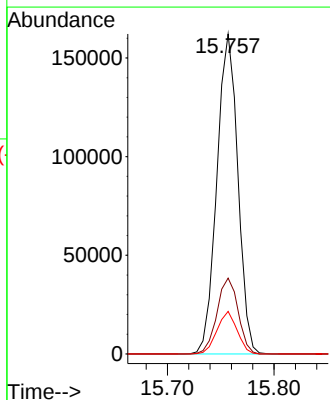
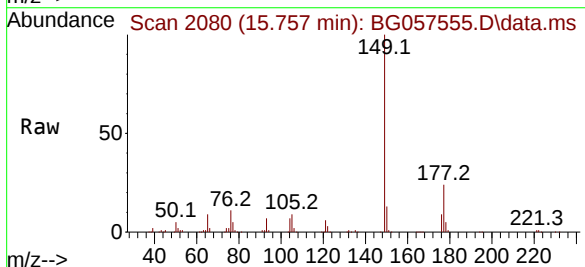
Instrument :
BNA_G
ClientSampleId :
PB152903BS

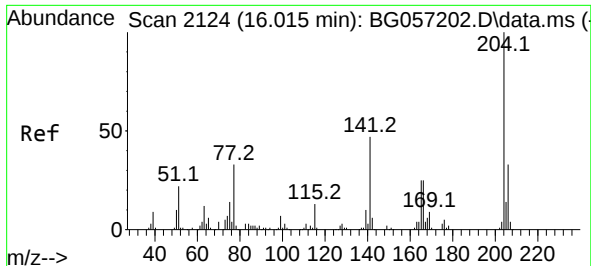
Tgt Ion:232 Resp: 63090
Ion Ratio Lower Upper
232 100
131 37.7 28.6 42.8
130 2.2 1.6 2.4
166 27.0 21.0 31.6



#60
Diethylphthalate
Concen: 44.444 ng
RT: 15.757 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:149 Resp: 221061
Ion Ratio Lower Upper
149 100
177 23.7 18.3 27.5
150 13.3 10.1 15.1

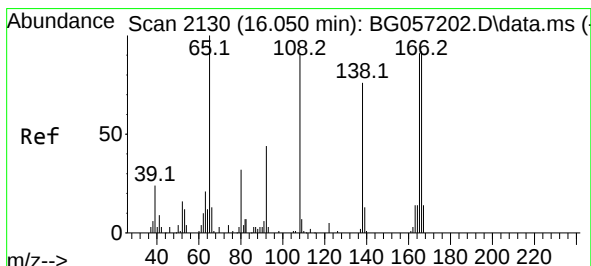
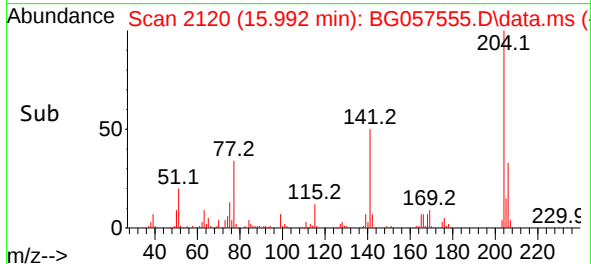
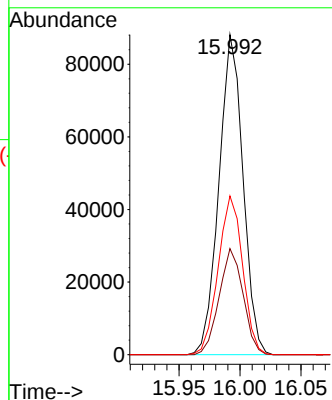
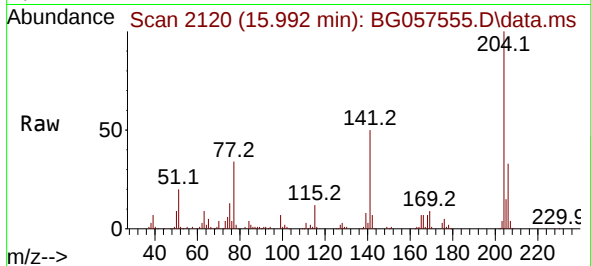




#61
4-Chlorophenyl-phenylether
Concen: 43.494 ng
RT: 15.992 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

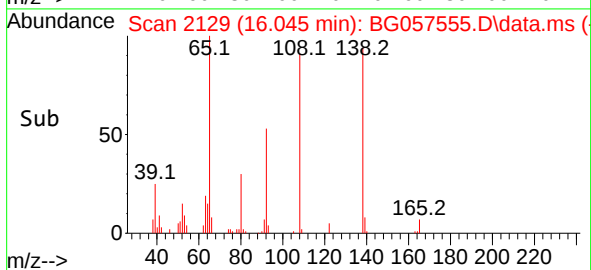
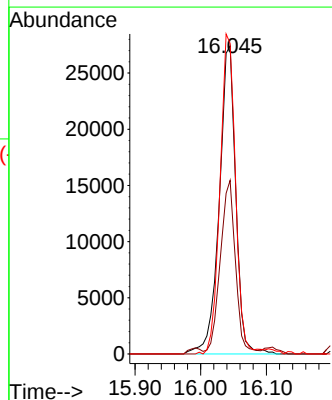
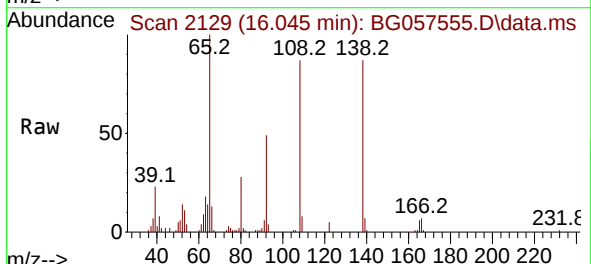
Instrument :
BNA_G
ClientSampleId :
PB152903BS

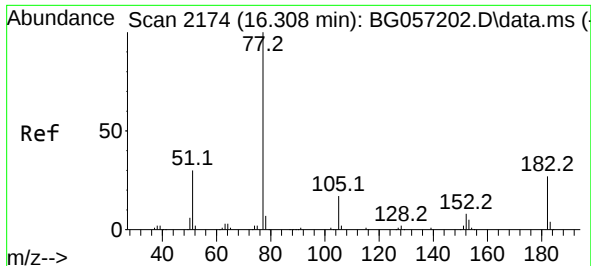
Tgt Ion:204 Resp: 121072
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 49.6 37.4 56.0



#62
4-Nitroaniline
Concen: 47.244 ng
RT: 16.045 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:138 Resp: 47748
Ion Ratio Lower Upper
138 100
92 56.4 38.2 78.2
108 100.8 99.6 139.6





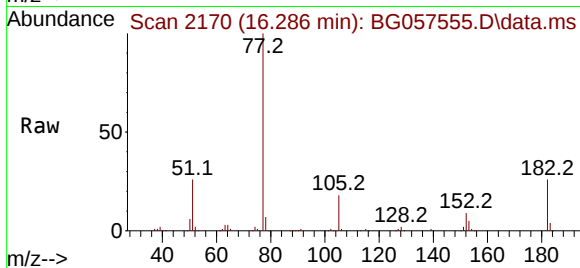
#63
 Azobenzene
 Concen: 41.919 ng
 RT: 16.286 min Scan# 2174
 Delta R.T. -0.005 min
 Lab File: BG057555.D
 Acq: 25 May 2023 12:51

Instrument :

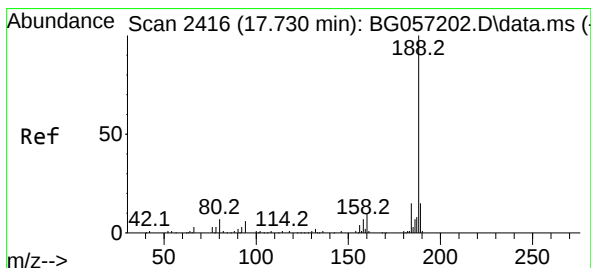
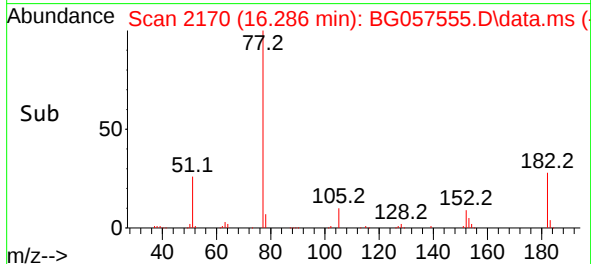
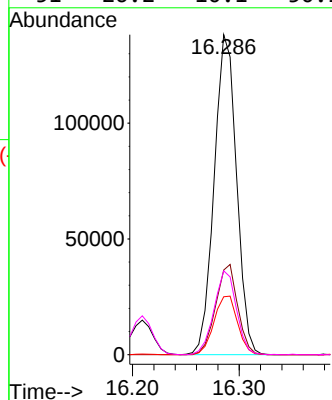
BNA_G

ClientSampleId :

PB152903BS

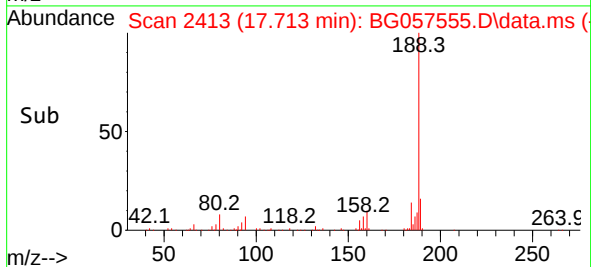
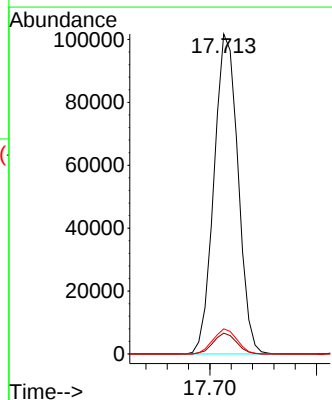
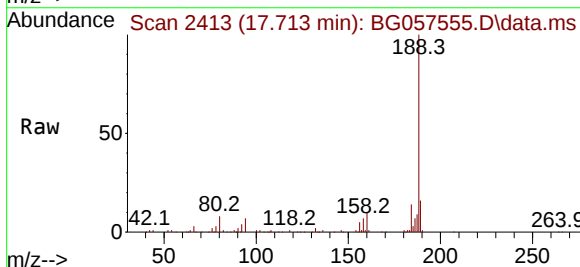


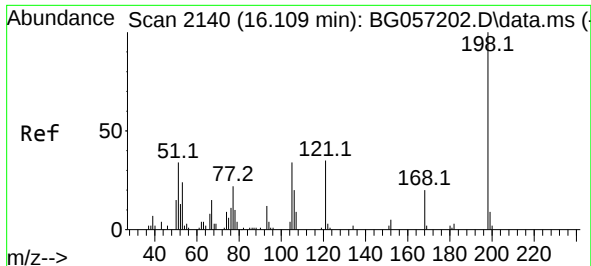
Tgt Ion:	77	Resp:	201174
Ion	Ratio	Lower	Upper
77	100		
182	26.4	7.4	47.4
105	18.1	0.0	37.2
51	26.2	10.1	50.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.713 min Scan# 2413
 Delta R.T. -0.011 min
 Lab File: BG057555.D
 Acq: 25 May 2023 12:51

Tgt Ion:	188	Resp:	158839
Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	7.9	5.7	8.5

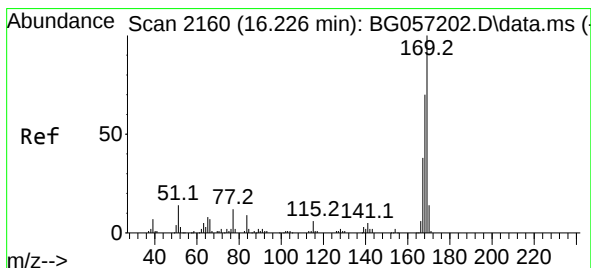
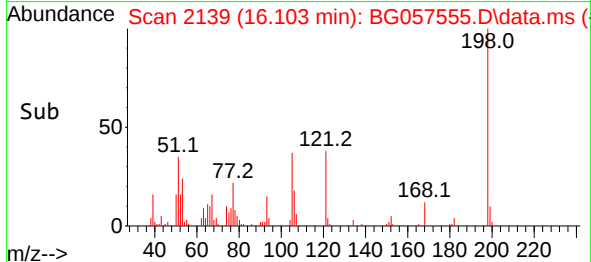
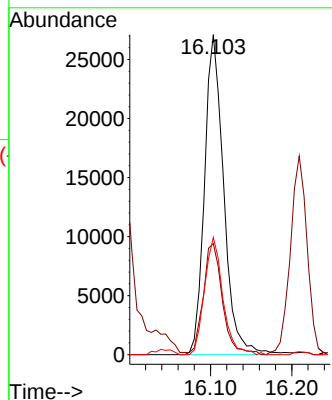
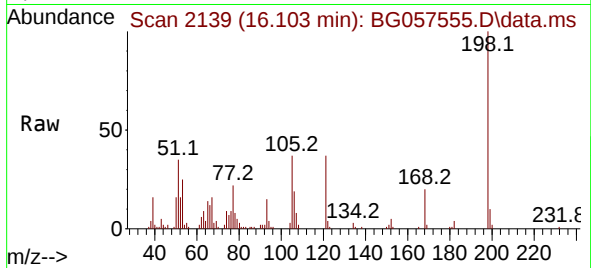




#65
4,6-Dinitro-2-methylphenol
Concen: 46.827 ng
RT: 16.103 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

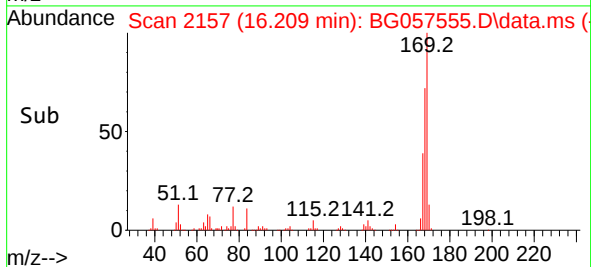
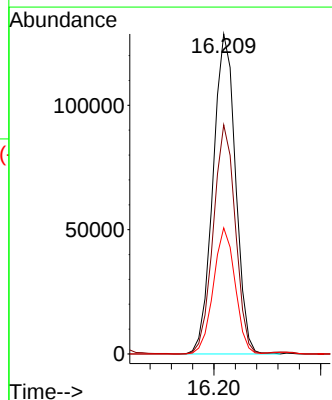
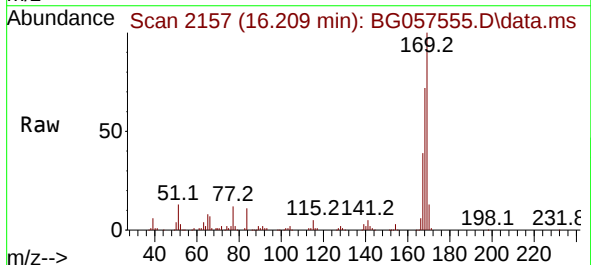
Instrument :
BNA_G
ClientSampleId :
PB152903BS

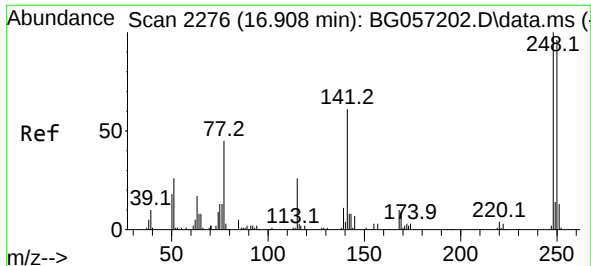
Tgt Ion:198 Resp: 44407
Ion Ratio Lower Upper
198 100
51 34.7 16.1 56.1
105 36.7 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 43.683 ng
RT: 16.209 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:169 Resp: 188452
Ion Ratio Lower Upper
169 100
168 71.6 56.2 84.4
167 39.4 30.2 45.4

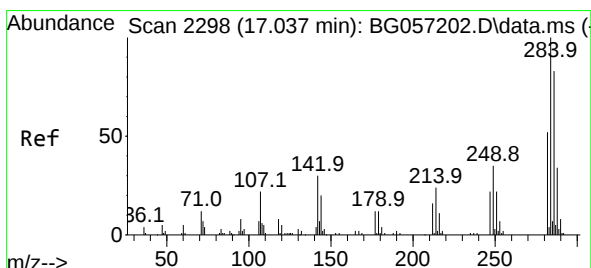
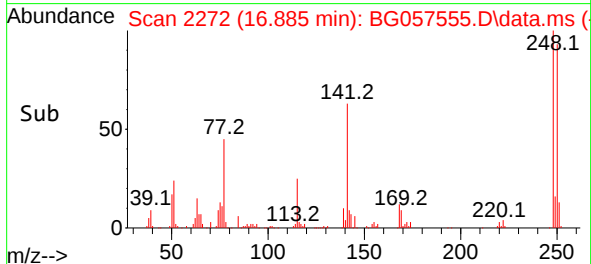
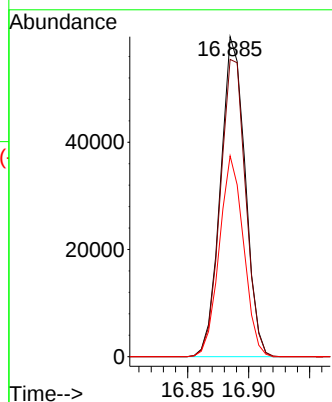
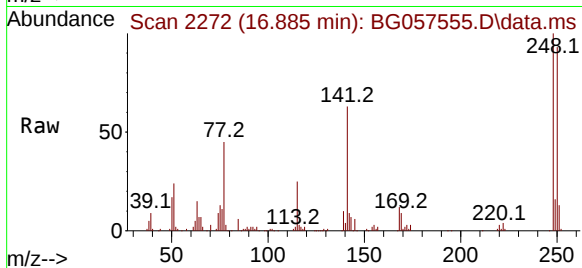




#67
4-Bromophenyl-phenylether
Concen: 43.379 ng
RT: 16.885 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

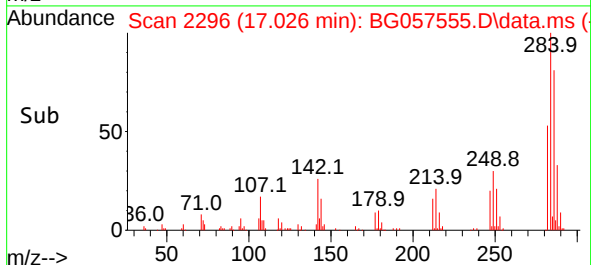
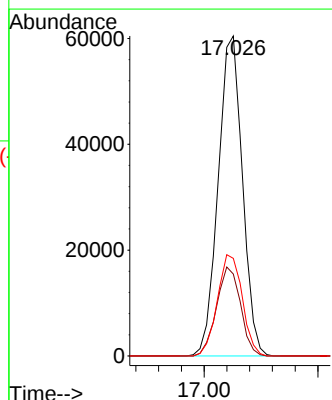
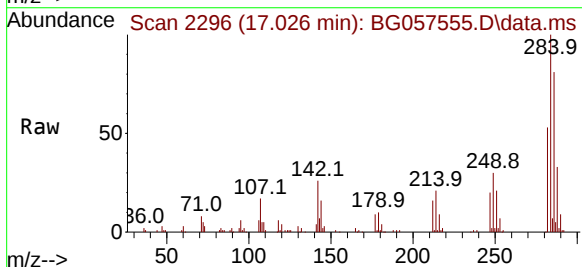
Instrument :
BNA_G
ClientSampleId :
PB152903BS

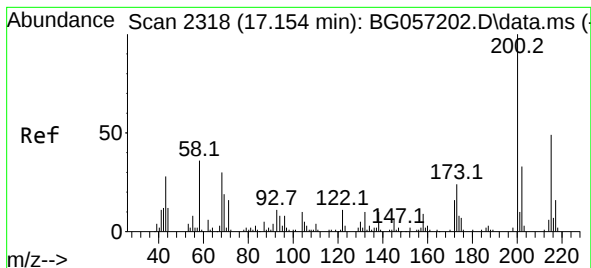
Tgt Ion:248 Resp: 84113
Ion Ratio Lower Upper
248 100
250 92.9 77.0 115.6
141 62.7 48.6 72.8



#68
Hexachlorobenzene
Concen: 47.474 ng
RT: 17.026 min Scan# 2296
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:284 Resp: 89456
Ion Ratio Lower Upper
284 100
142 25.6 23.9 35.9
249 30.5 27.7 41.5





#69

Atrazine

Concen: 52.870 ng

RT: 17.143 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

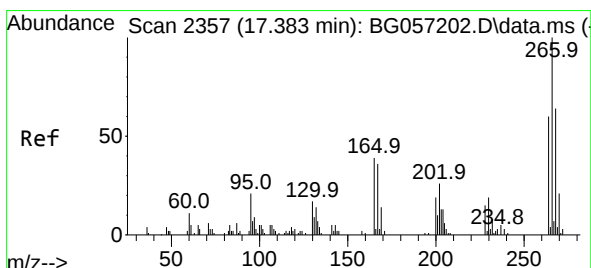
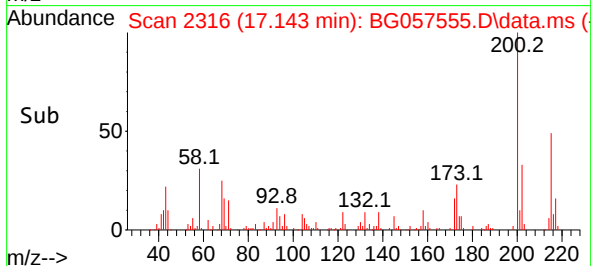
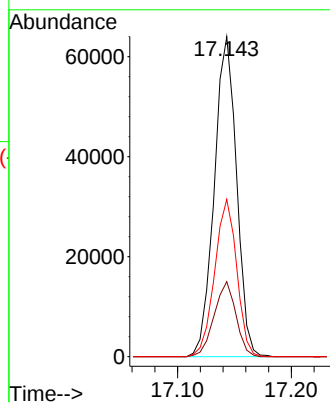
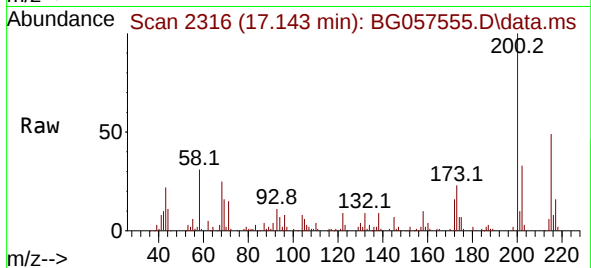
Tgt Ion:200 Resp: 87007

Ion Ratio Lower Upper

200 100

173 23.5 4.3 44.3

215 49.1 29.3 69.3



#70

Pentachlorophenol

Concen: 71.698 ng

RT: 17.372 min Scan# 2355

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

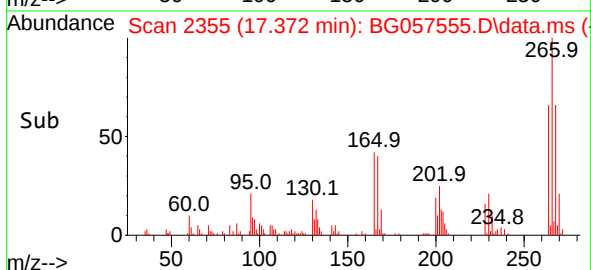
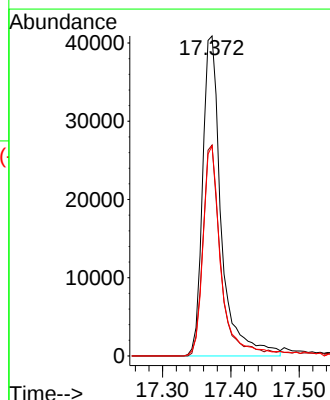
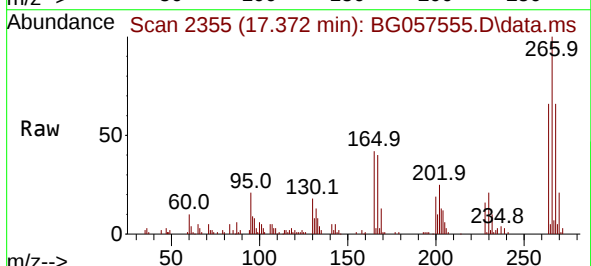
Tgt Ion:266 Resp: 77860

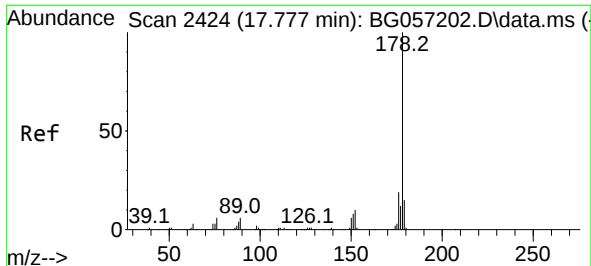
Ion Ratio Lower Upper

266 100

268 65.9 51.0 76.6

264 65.7 47.8 71.6

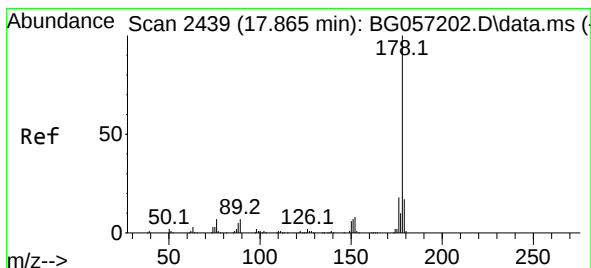
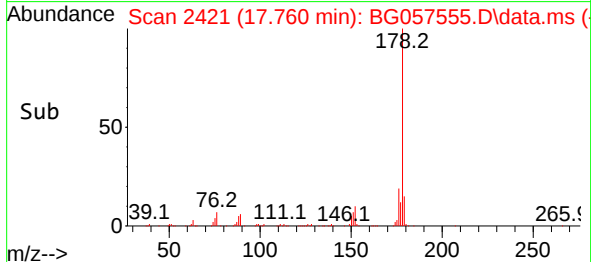
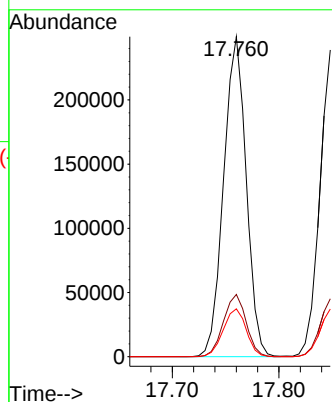
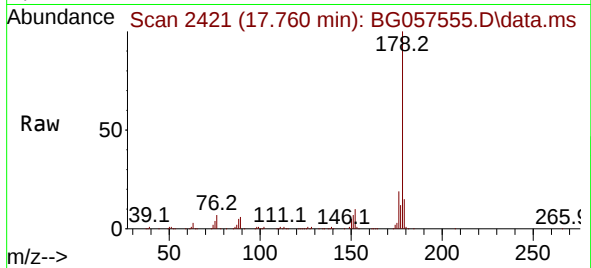




#71
Phenanthrene
Concen: 44.999 ng
RT: 17.760 min Scan# 2424
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

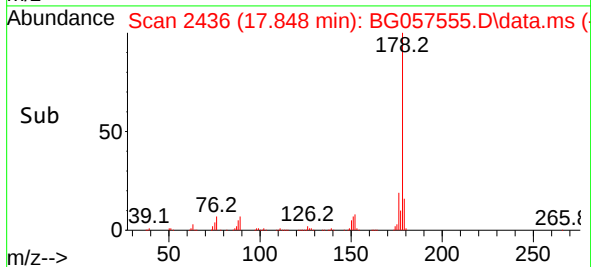
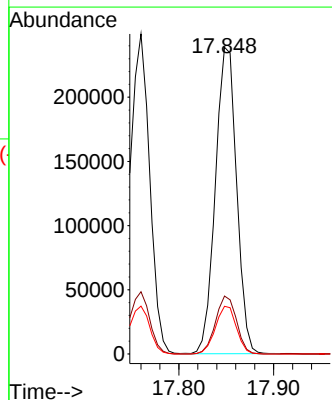
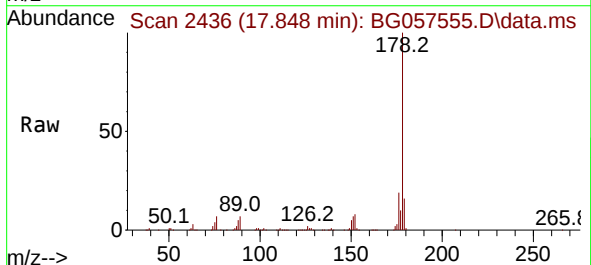
Instrument :
BNA_G
ClientSampleId :
PB152903BS

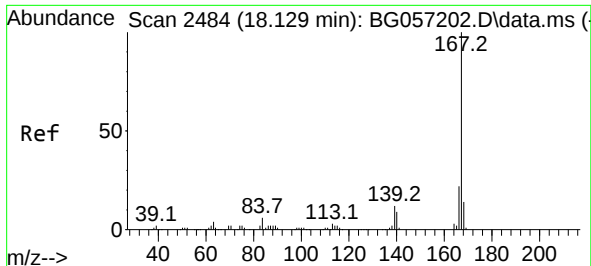
Tgt Ion:178 Resp: 366253
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 14.9 12.3 18.5



#72
Anthracene
Concen: 44.483 ng
RT: 17.848 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

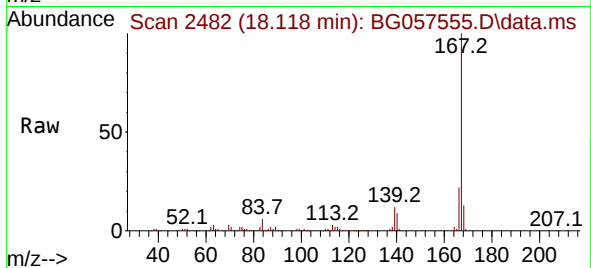
Tgt Ion:178 Resp: 371500
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.5 13.2 19.8



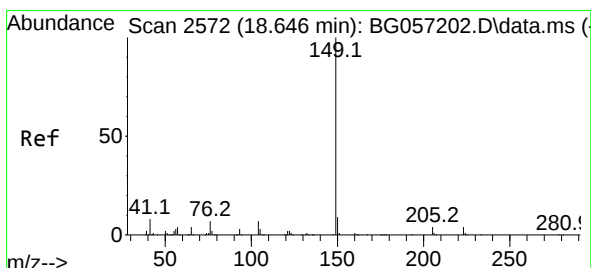
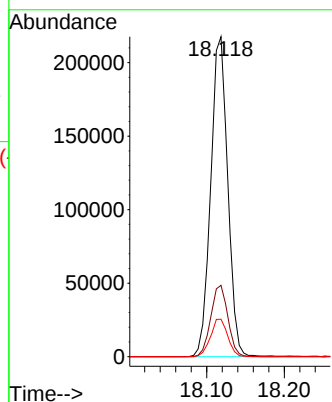
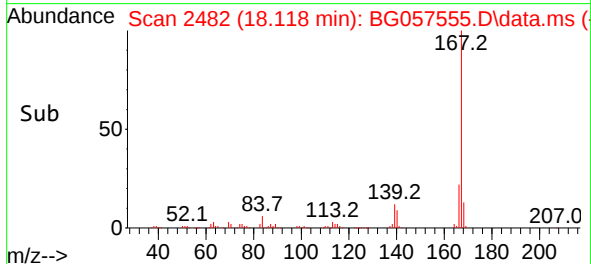


#73
 Carbazole
 Concen: 47.123 ng
 RT: 18.118 min Scan# 24
 Delta R.T. -0.005 min
 Lab File: BG057555.D
 Acq: 25 May 2023 12:51

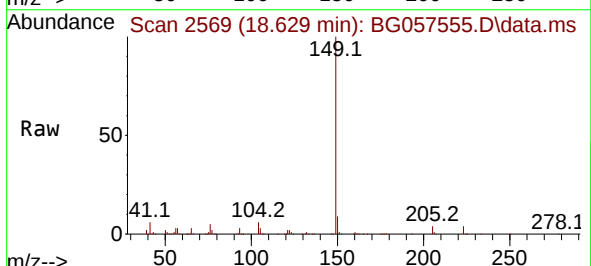
Instrument :
 BNA_G
 ClientSampleId :
 PB152903BS



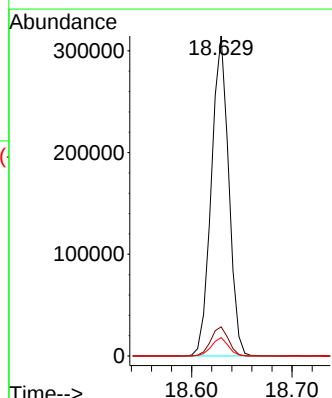
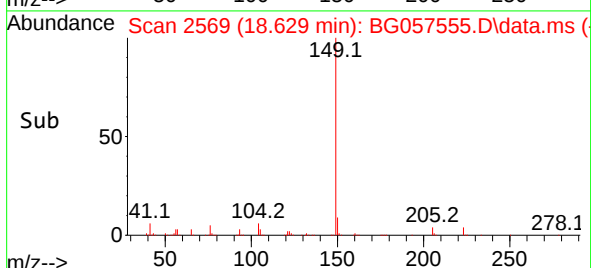
Tgt Ion:167 Resp: 331313
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 11.7 9.6 14.4

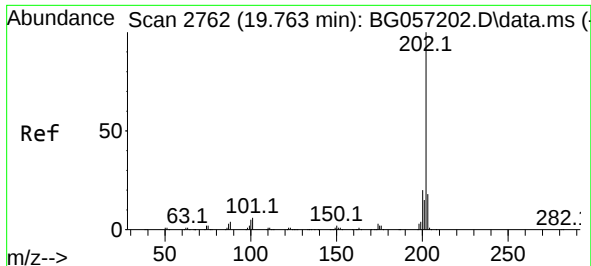


#74
 Di-n-butylphthalate
 Concen: 46.616 ng
 RT: 18.629 min Scan# 2569
 Delta R.T. -0.005 min
 Lab File: BG057555.D
 Acq: 25 May 2023 12:51



Tgt Ion:149 Resp: 377096
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.8 5.4 8.2

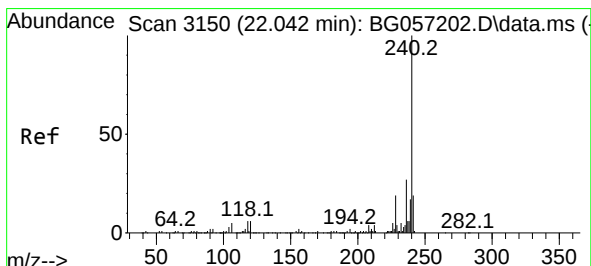
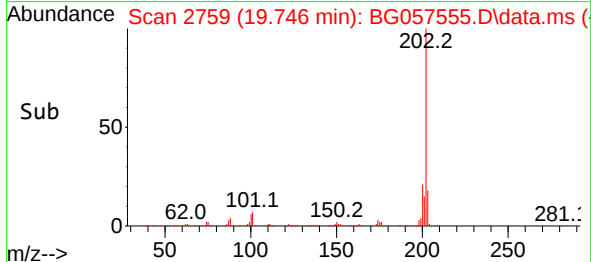
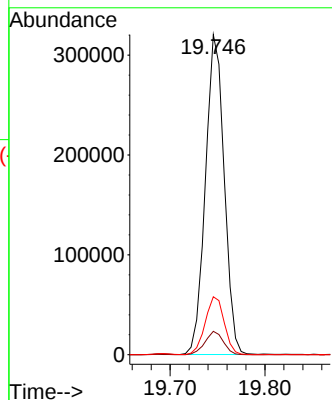
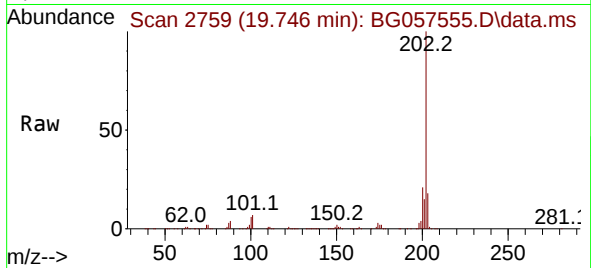




#75
Fluoranthene
Concen: 43.489 ng
RT: 19.746 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

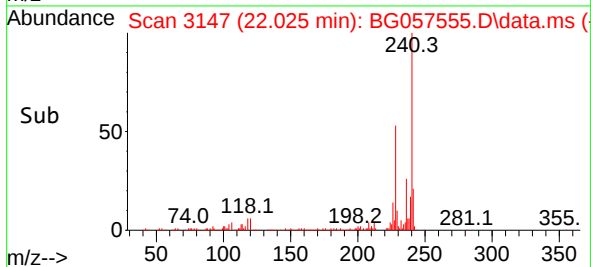
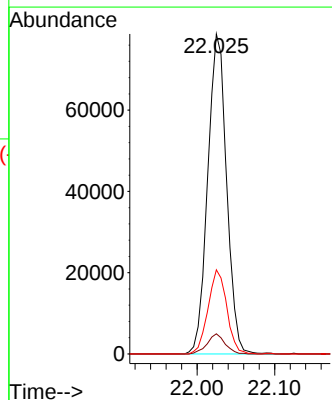
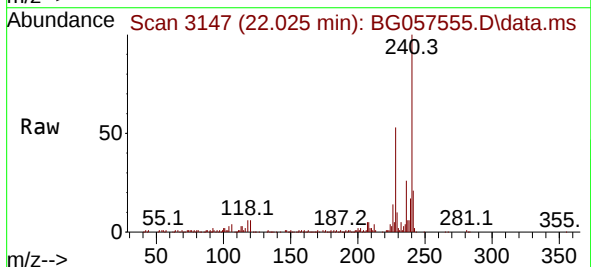
Instrument :
BNA_G
ClientSampleId :
PB152903BS

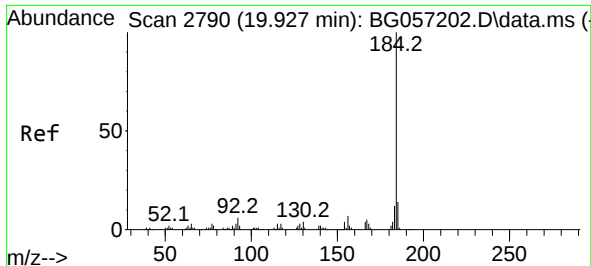
Tgt Ion:202 Resp: 440244
Ion Ratio Lower Upper
202 100
101 7.3 0.0 26.2
203 18.1 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.025 min Scan# 3147
Delta R.T. -0.011 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:240 Resp: 133295
Ion Ratio Lower Upper
240 100
120 6.3 4.9 7.3
236 26.3 21.4 32.2

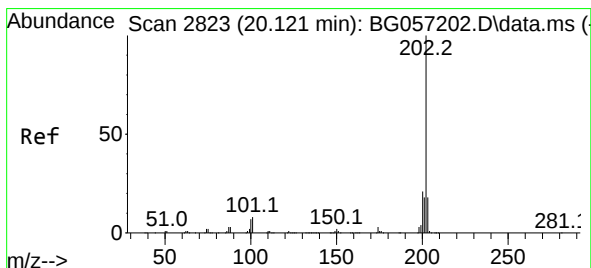
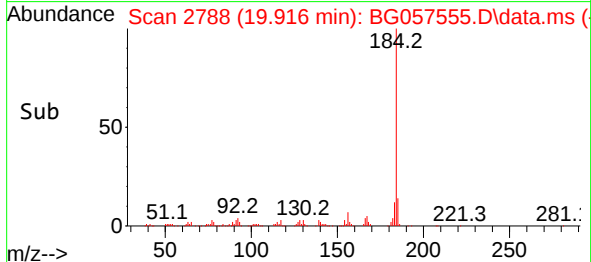
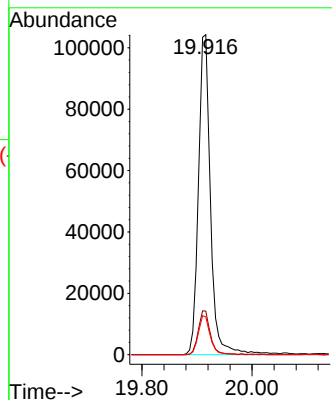
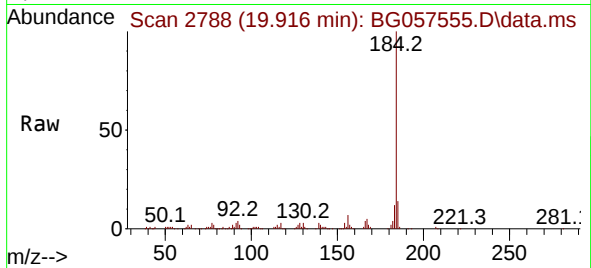




#77
Benzidine
Concen: 53.357 ng
RT: 19.916 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

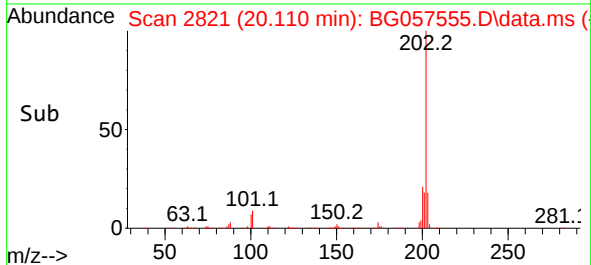
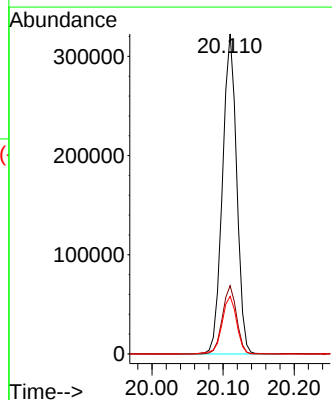
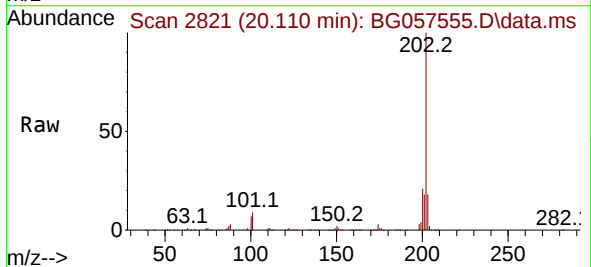
Instrument :
BNA_G
ClientSampleId :
PB152903BS

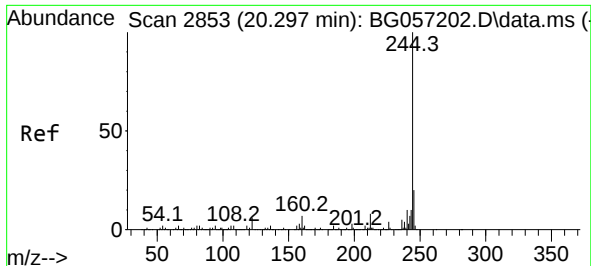
Tgt Ion:184 Resp: 159005
Ion Ratio Lower Upper
184 100
185 13.6 11.1 16.7
183 11.8 9.9 14.9



#78
Pyrene
Concen: 46.080 ng
RT: 20.110 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:202 Resp: 446327
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.0 14.2 21.4

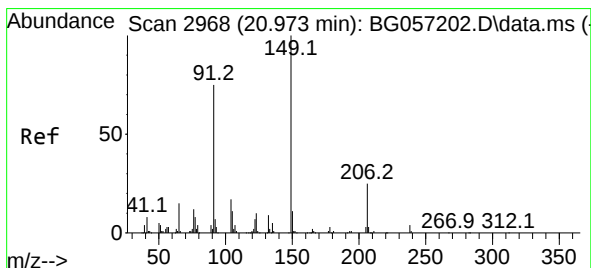
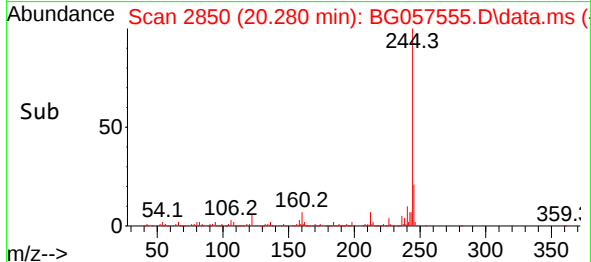
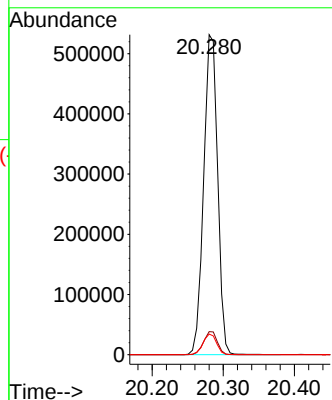
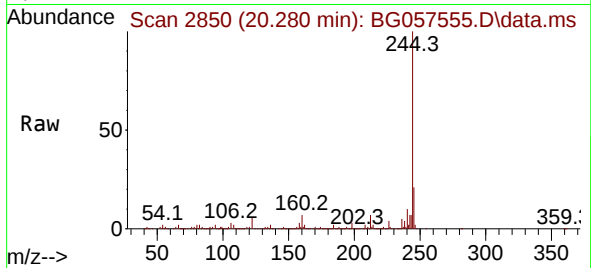




#79
 Terphenyl-d14
 Concen: 88.975 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057555.D
 Acq: 25 May 2023 12:51

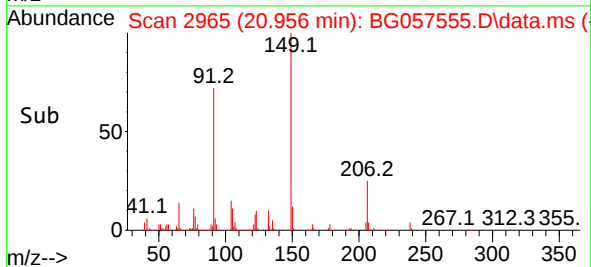
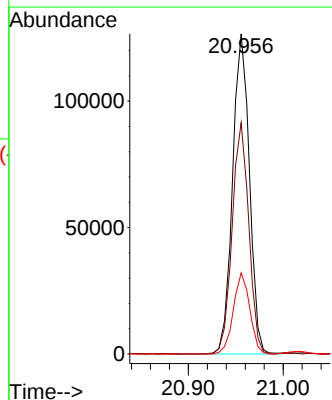
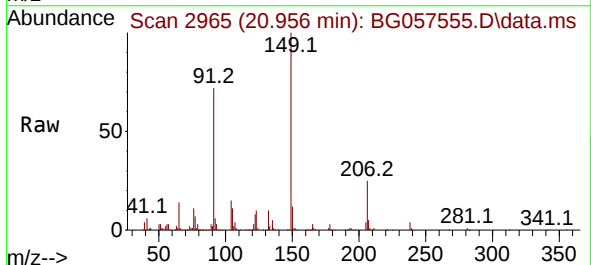
Instrument :
 BNA_G
 ClientSampleId :
 PB152903BS

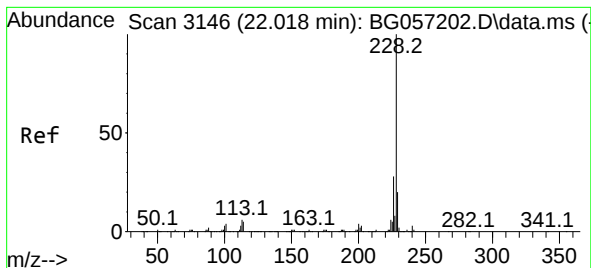
Tgt Ion:244 Resp: 726744
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.5 5.1 7.7



#80
 Butylbenzylphthalate
 Concen: 50.619 ng
 RT: 20.956 min Scan# 2965
 Delta R.T. -0.005 min
 Lab File: BG057555.D
 Acq: 25 May 2023 12:51

Tgt Ion:149 Resp: 155569
 Ion Ratio Lower Upper
 149 100
 91 72.2 59.7 89.5
 206 25.4 19.7 29.5





#81

Benzo(a)anthracene

Concen: 44.487 ng

RT: 22.007 min Scan# 3144

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

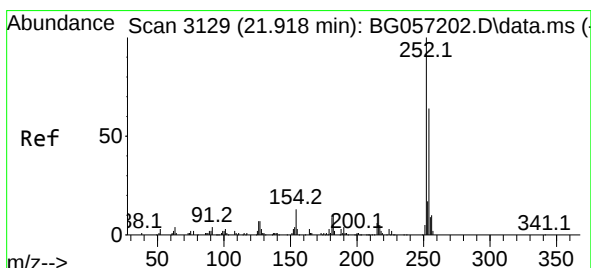
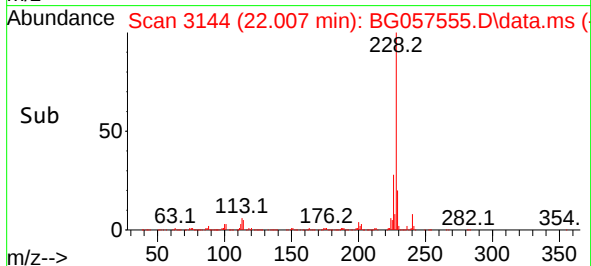
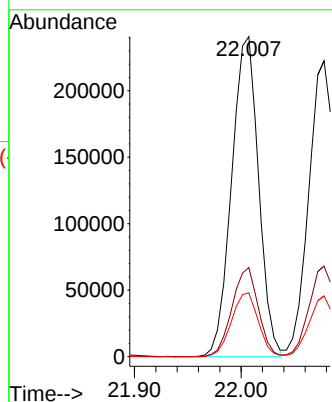
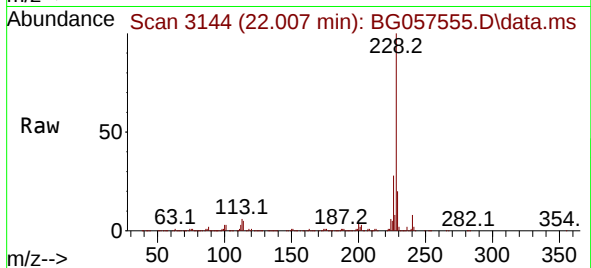
Tgt Ion:228 Resp: 422488

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 34.733 ng

RT: 21.901 min Scan# 3126

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

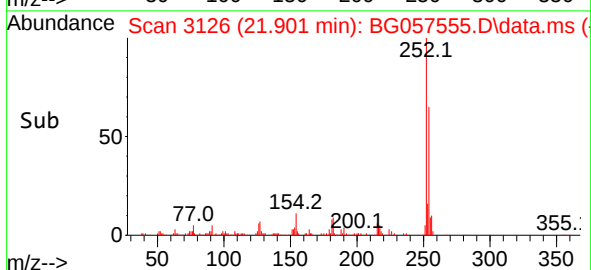
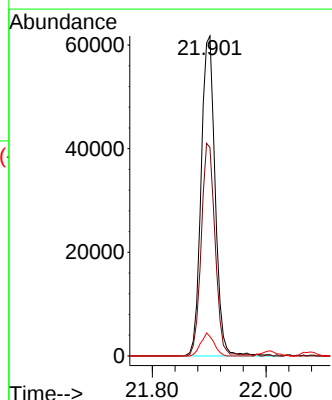
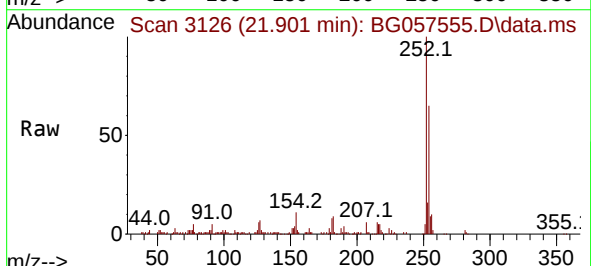
Tgt Ion:252 Resp: 105652

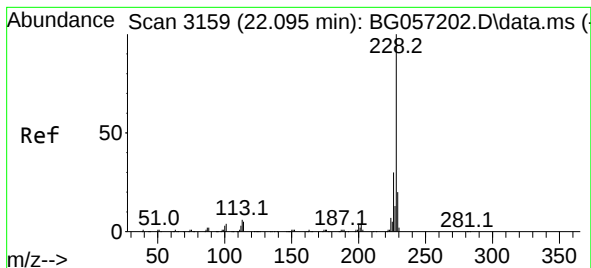
Ion Ratio Lower Upper

252 100

254 65.1 51.4 77.0

126 6.0 5.9 8.9





#83

Chrysene

Concen: 43.315 ng

RT: 22.078 min Scan# 3116

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

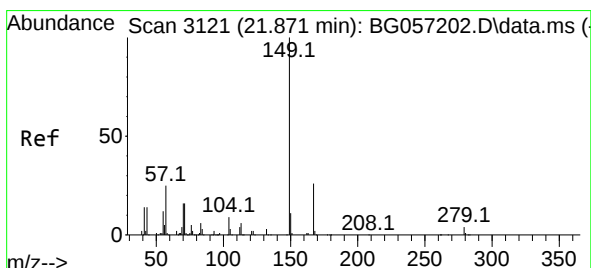
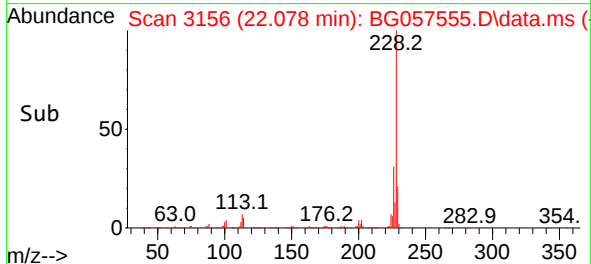
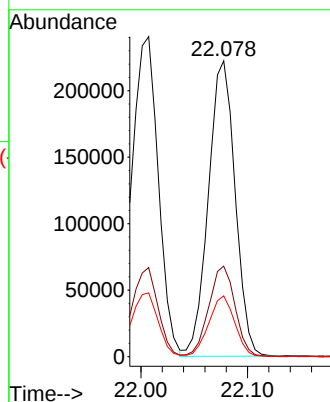
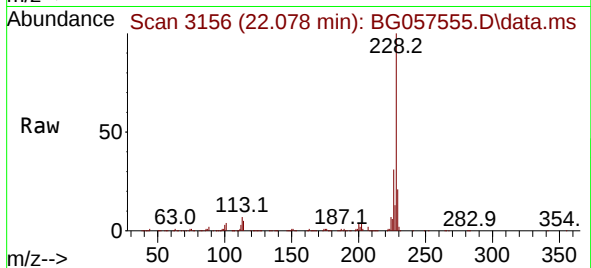
Tgt Ion:228 Resp: 387035

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 20.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.868 ng

RT: 21.843 min Scan# 3116

Delta R.T. -0.005 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

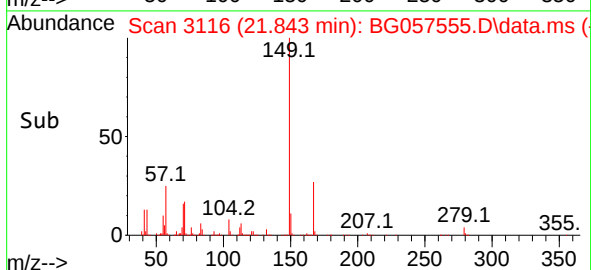
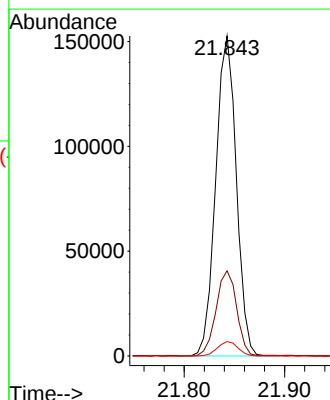
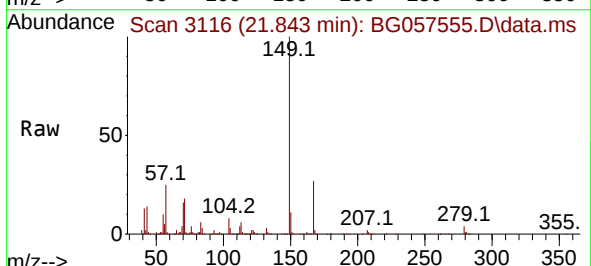
Tgt Ion:149 Resp: 217662

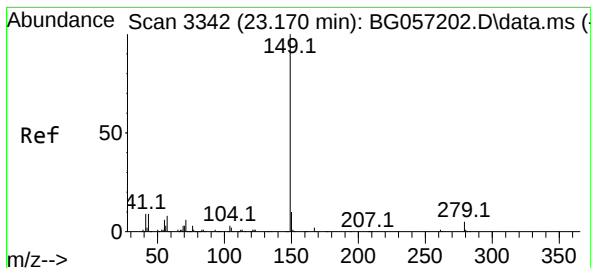
Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 48.396 ng

RT: 23.135 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

Instrument :

BNA_G

ClientSampleId :

PB152903BS

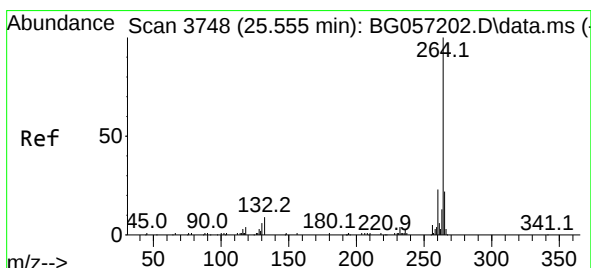
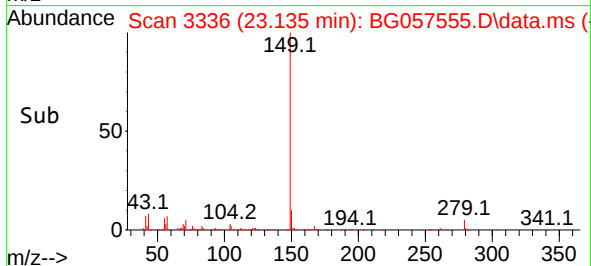
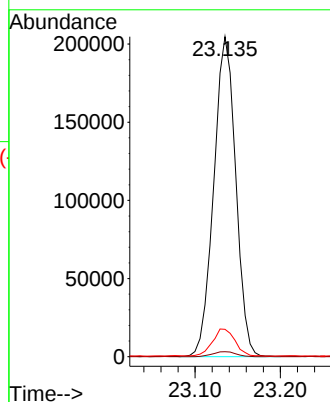
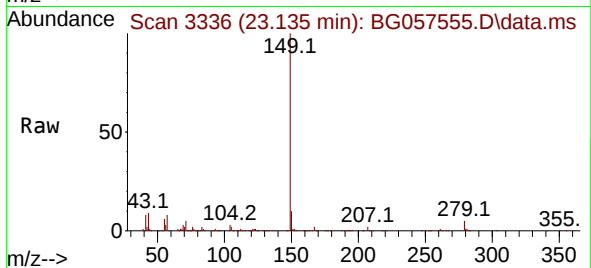
Tgt Ion:149 Resp: 366874

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.6 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.526 min Scan# 3743

Delta R.T. -0.017 min

Lab File: BG057555.D

Acq: 25 May 2023 12:51

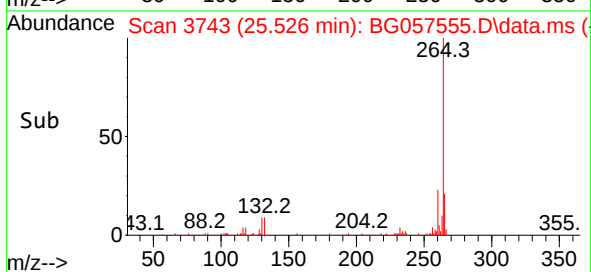
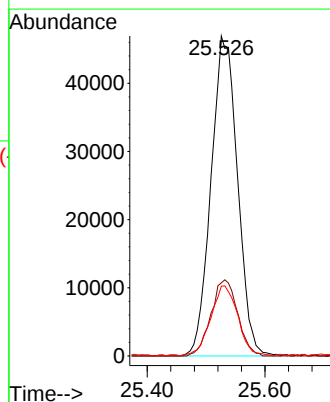
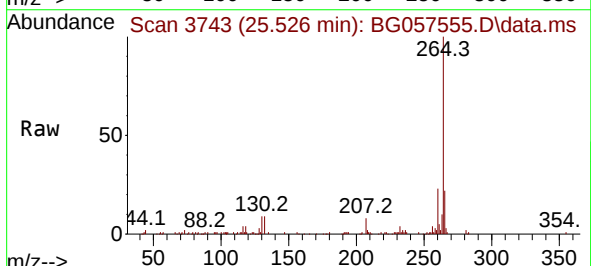
Tgt Ion:264 Resp: 146342

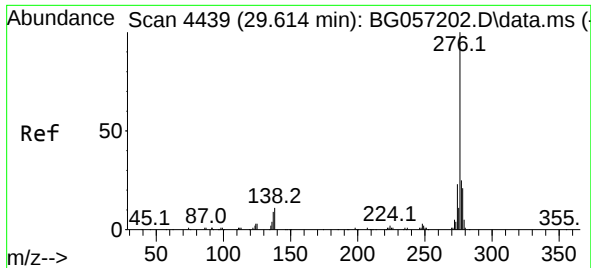
Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 21.8 17.9 26.9

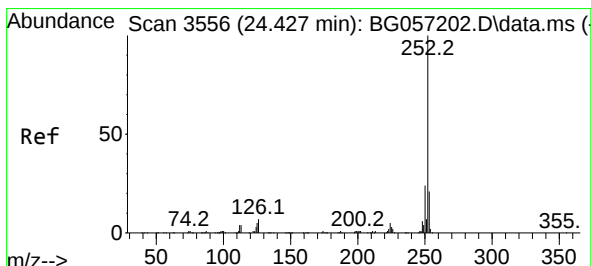
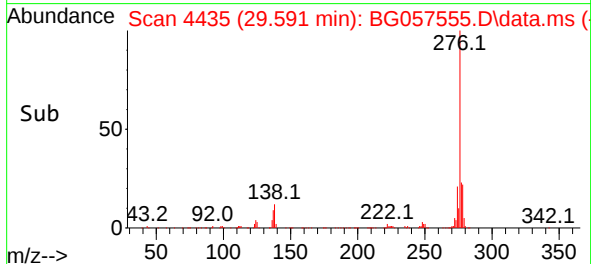
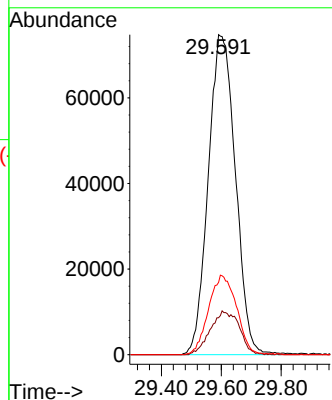
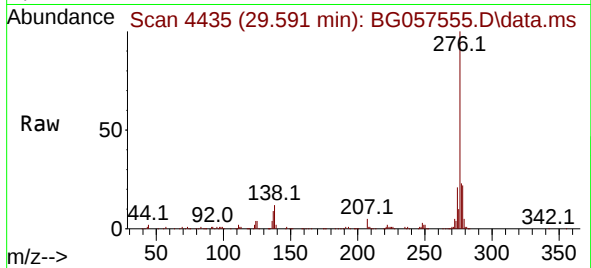




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.092 ng
 RT: 29.591 min Scan# 4439
 Delta R.T. -0.028 min
 Lab File: BG057555.D
 Acq: 25 May 2023 12:51

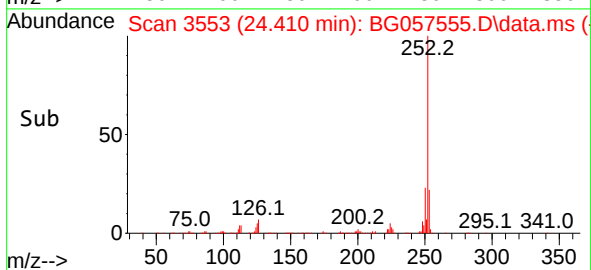
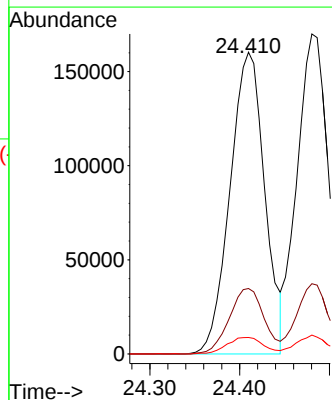
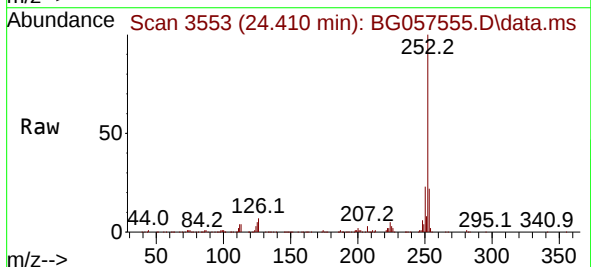
Instrument :
 BNA_G
 ClientSampleId :
 PB152903BS

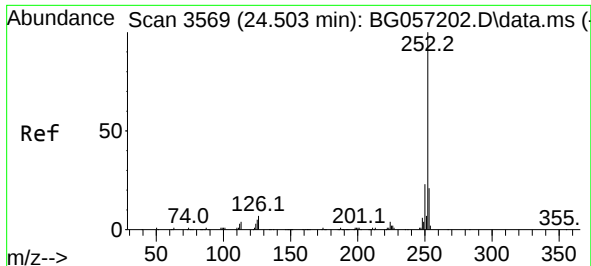
Tgt Ion:276 Resp: 470271
 Ion Ratio Lower Upper
 276 100
 138 14.5 5.4 8.0#
 277 25.6 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 44.892 ng
 RT: 24.410 min Scan# 3553
 Delta R.T. -0.011 min
 Lab File: BG057555.D
 Acq: 25 May 2023 12:51

Tgt Ion:252 Resp: 429447
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.0 25.6
 125 5.5 4.2 6.2

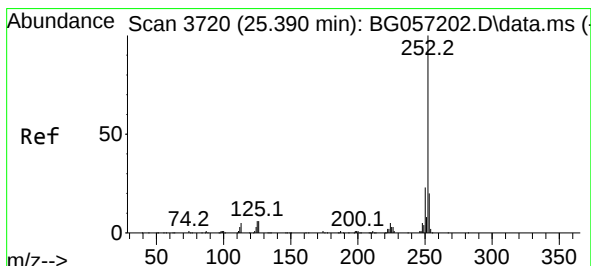
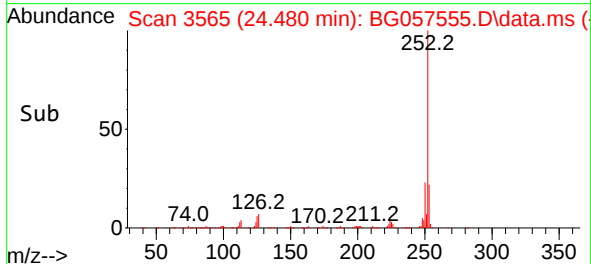
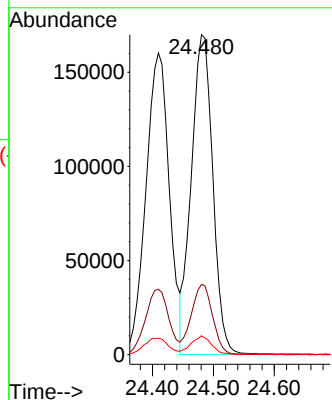
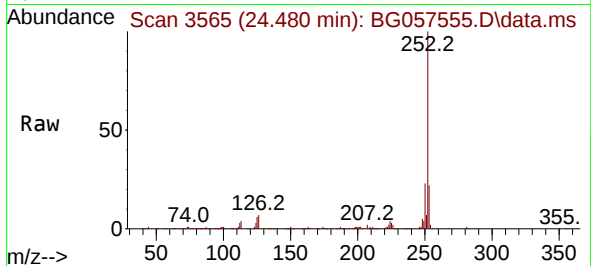




#89
Benzo(k)fluoranthene
Concen: 42.778 ng
RT: 24.480 min Scan# 311
Delta R.T. -0.017 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

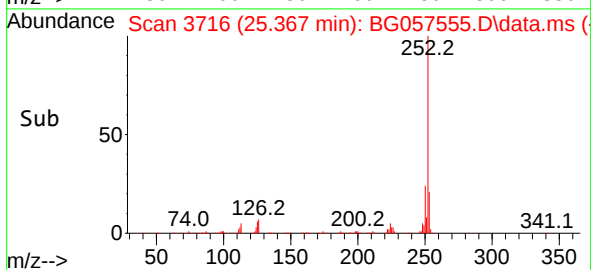
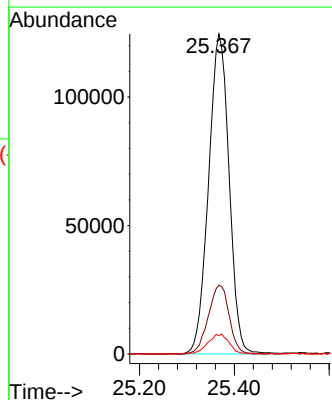
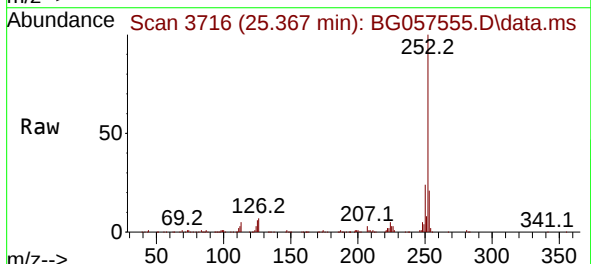
Instrument :
BNA_G
ClientSampleId :
PB152903BS

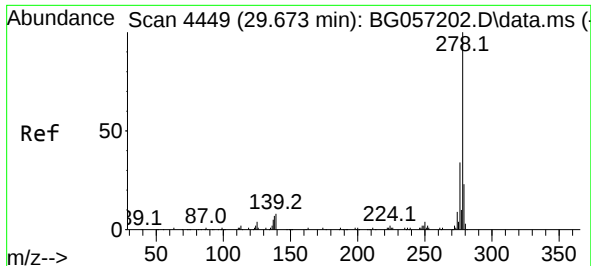
Tgt Ion:252 Resp: 415842
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 5.9 4.1 6.1



#90
Benzo(a)pyrene
Concen: 40.059 ng
RT: 25.367 min Scan# 3716
Delta R.T. -0.017 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:252 Resp: 374388
Ion Ratio Lower Upper
252 100
253 21.5 16.3 24.5
125 5.7 5.0 7.4

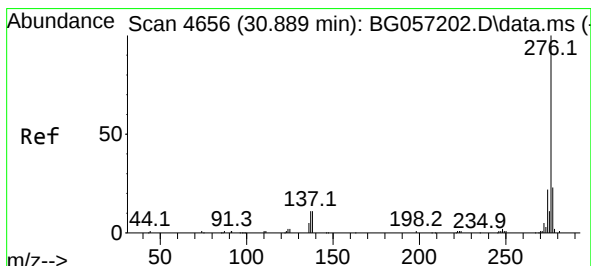
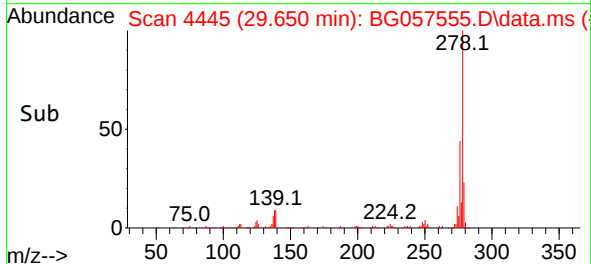
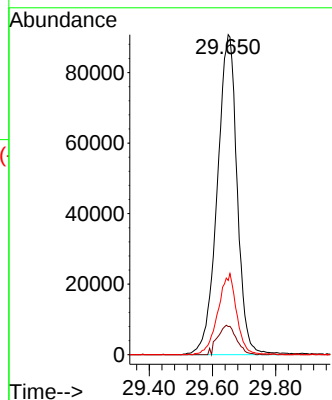
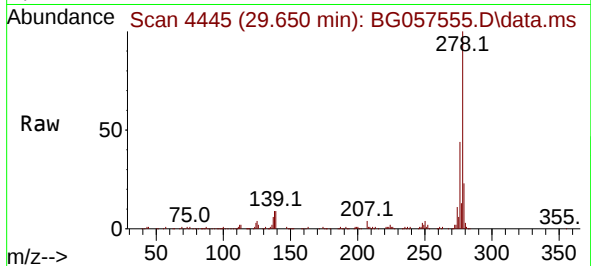




#91
Dibenzo(a,h)anthracene
Concen: 44.506 ng
RT: 29.650 min Scan# 4445
Delta R.T. -0.011 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Instrument :
BNA_G
ClientSampleId :
PB152903BS

Tgt Ion:278 Resp: 395310
Ion Ratio Lower Upper
278 100
139 8.8 6.2 9.2
279 23.2 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 44.134 ng
RT: 30.878 min Scan# 4654
Delta R.T. -0.017 min
Lab File: BG057555.D
Acq: 25 May 2023 12:51

Tgt Ion:276 Resp: 382767
Ion Ratio Lower Upper
276 100
277 22.0 18.4 27.6
138 12.5 9.0 13.4

