

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057468.D
 Acq On : 19 May 2023 15:18
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 20 04:27:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.362	152	17192	20.000	ng	0.00
21) Naphthalene-d8	11.194	136	69645	20.000	ng	0.00
39) Acenaphthene-d10	14.971	164	54566	20.000	ng	0.00
64) Phenanthrene-d10	17.714	188	134459	20.000	ng	0.00
76) Chrysene-d12	22.020	240	124992	20.000	ng	0.00
86) Perylene-d12	25.515	264	134794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.871	112	82811	82.397	ng	0.00
7) Phenol-d6	7.499	99	128016	83.881	ng	0.00
23) Nitrobenzene-d5	9.537	82	129726	78.178	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	66425	85.794	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	329819	81.406	ng	0.00
79) Terphenyl-d14	20.281	244	584669	76.336	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.680	88	16986	40.876	ng	94
3) Pyridine	4.103	79	54470	40.788	ng	95
4) n-Nitrosodimethylamine	4.009	42	23040	36.713	ng	84
6) Aniline	7.669	93	77160	39.854	ng	99
8) 2-Chlorophenol	7.922	128	43438	40.903	ng	97
9) Benzaldehyde	7.487	77	29861	36.237	ng	98
10) Phenol	7.528	94	61326	41.221	ng	96
11) bis(2-Chloroethyl)ether	7.757	93	44484	39.653	ng	98
12) 1,3-Dichlorobenzene	8.251	146	49469	42.206	ng	95
13) 1,4-Dichlorobenzene	8.392	146	49779	42.281	ng	92
14) 1,2-Dichlorobenzene	8.721	146	47949	42.187	ng	96
15) Benzyl Alcohol	8.597	79	49485	38.921	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.879	45	52325	37.006	ng	98
17) 2-Methylphenol	8.797	107	44162	41.179	ng	95
18) Hexachloroethane	9.455	117	17299	40.716	ng	94
19) n-Nitroso-di-n-propyla...	9.161	70	43397	37.291	ng	98
20) 3+4-Methylphenols	9.126	107	60837	41.429	ng	97
22) Acetophenone	9.191	105	76216	38.235	ng	# 95
24) Nitrobenzene	9.584	77	64785	38.681	ng	94
25) Isophorone	10.101	82	118909	36.955	ng	98
26) 2-Nitrophenol	10.301	139	27761	43.303	ng	99
27) 2,4-Dimethylphenol	10.342	122	46413	41.346	ng	100
28) bis(2-Chloroethoxy)met...	10.571	93	61869	38.381	ng	98
29) 2,4-Dichlorophenol	10.841	162	52176	43.823	ng	98
30) 1,2,4-Trichlorobenzene	11.053	180	55131	40.146	ng	98
31) Naphthalene	11.247	128	151099	40.582	ng	98
32) Benzoic acid	10.489	122	19894	32.430	ng	100
33) 4-Chloroaniline	11.346	127	67780	40.537	ng	99
34) Hexachlorobutadiene	11.517	225	41227	40.459	ng	97
35) Caprolactam	12.122	113	15981	39.294	ng	96
36) 4-Chloro-3-methylphenol	12.445	107	57109	42.208	ng	96
37) 2-Methylnaphthalene	12.827	142	120951	41.317	ng	97
38) 1-Methylnaphthalene	13.044	142	113033	40.965	ng	98
40) 1,2,4,5-Tetrachloroben...	13.185	216	81592	42.120	ng	99
41) Hexachlorocyclopentadiene	13.162	237	25629	31.654	ng	99
43) 2,4,6-Trichlorophenol	13.420	196	48741	41.300	ng	98

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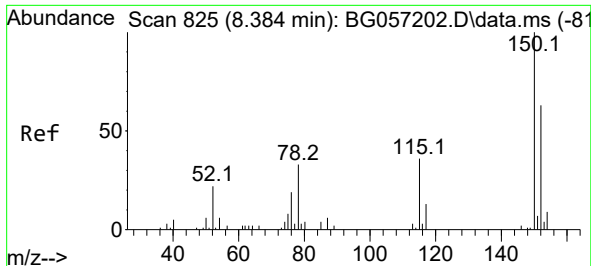
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.502	196	56703	40.846	ng	99
46) 1,1'-Biphenyl	13.808	154	165213	40.803	ng	97
47) 2-Chloronaphthalene	13.861	162	122648	40.734	ng	99
48) 2-Nitroaniline	14.060	65	40355	39.418	ng	95
49) Acenaphthylene	14.701	152	199596	40.804	ng	99
50) Dimethylphthalate	14.413	163	171686	38.289	ng	97
51) 2,6-Dinitrotoluene	14.542	165	37762	41.247	ng	91
52) Acenaphthene	15.041	154	122671	40.132	ng	96
53) 3-Nitroaniline	14.877	138	36299	39.577	ng	94
54) 2,4-Dinitrophenol	15.094	184	17803	34.387	ng	94
55) Dibenzofuran	15.370	168	207627	40.427	ng	98
56) 4-Nitrophenol	15.182	139	24144	39.579	ng	88
57) 2,4-Dinitrotoluene	15.329	165	53490	40.881	ng	95
58) Fluorene	16.017	166	169484	40.064	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.594	232	50432	40.070	ng	99
60) Diethylphthalate	15.752	149	172802	37.948	ng	98
61) 4-Chlorophenyl-phenyle...	15.993	204	101349	39.769	ng	97
62) 4-Nitroaniline	16.034	138	37664	40.706	ng	96
63) Azobenzene	16.287	77	159278	36.252	ng	95
65) 4,6-Dinitro-2-methylph...	16.093	198	34668	43.185	ng	97
66) n-Nitrosodiphenylamine	16.205	169	148060	40.543	ng	97
67) 4-Bromophenyl-phenylether	16.886	248	67241	40.966	ng	93
68) Hexachlorobenzene	17.021	284	67036	42.027	ng	98
69) Atrazine	17.139	200	56636	40.655	ng	98
70) Pentachlorophenol	17.362	266	32432	35.280	ng	96
71) Phenanthrene	17.755	178	278603	40.436	ng	99
72) Anthracene	17.843	178	284140	40.192	ng	99
73) Carbazole	18.114	167	238047	39.996	ng	99
74) Di-n-butylphthalate	18.631	149	282255	41.219	ng	98
75) Fluoranthene	19.747	202	344854	40.243	ng	99
77) Benzidine	19.911	184	82779	29.623	ng	98
78) Pyrene	20.105	202	349410	38.470	ng	99
80) Butylbenzylphthalate	20.957	149	123743	42.938	ng	96
81) Benzo(a)anthracene	21.997	228	358738	40.284	ng	100
82) 3,3'-Dichlorobenzidine	21.897	252	114819	40.254	ng	99
83) Chrysene	22.067	228	337477	40.277	ng	98
84) Bis(2-ethylhexyl)phtha...	21.844	149	176117	41.304	ng	99
85) Di-n-octyl phthalate	23.130	149	299179	42.088	ng	96
87) Indeno(1,2,3-cd)pyrene	29.563	276	397853	40.498	ng	# 96
88) Benzo(b)fluoranthene	24.393	252	356694	40.481	ng	99
89) Benzo(k)fluoranthene	24.470	252	343270	38.337	ng	99
90) Benzo(a)pyrene	25.351	252	340336	39.535	ng	97
91) Dibenzo(a,h)anthracene	29.610	278	331342	40.500	ng	98
92) Benzo(g,h,i)perylene	30.838	276	324011	40.560	ng	99

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

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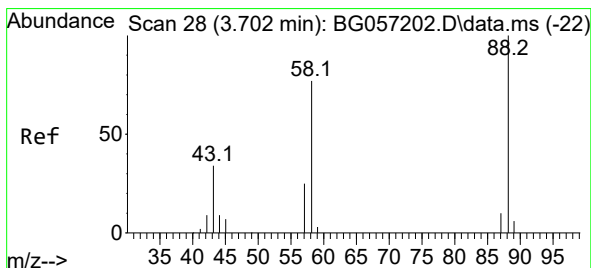
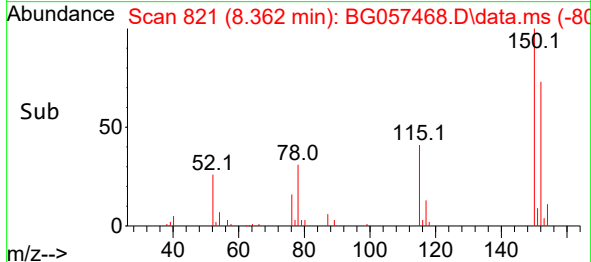
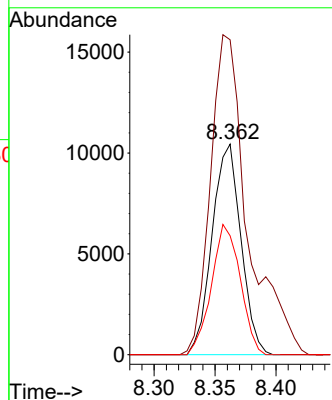
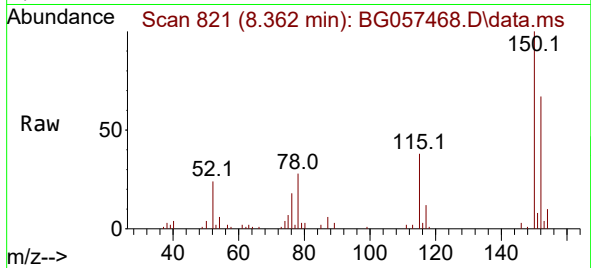




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.362 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057468.D
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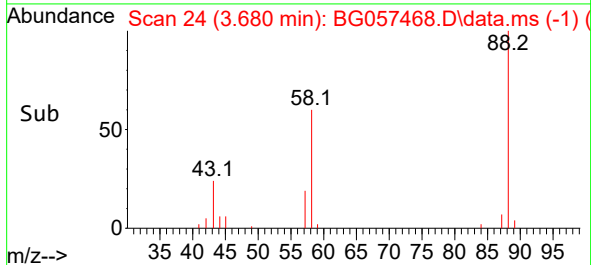
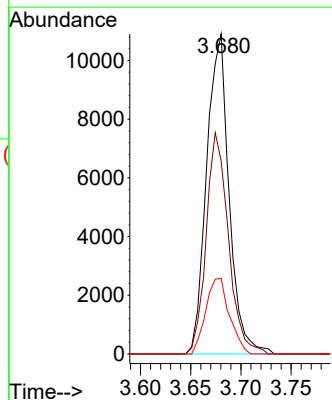
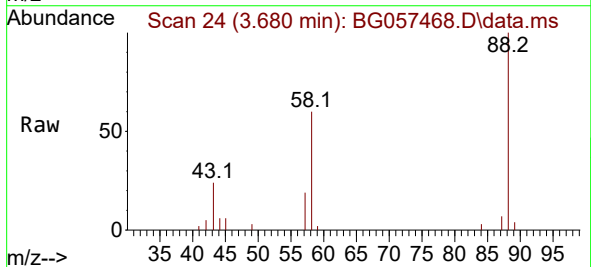
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 17192
Ion Ratio Lower Upper
152 100
150 149.6 126.2 189.4
115 56.5 45.0 67.4



#2
1,4-Dioxane
Concen: 40.876 ng
RT: 3.680 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion: 88 Resp: 16986
Ion Ratio Lower Upper
88 100
58 68.5 57.1 85.7
43 24.9 24.4 36.6

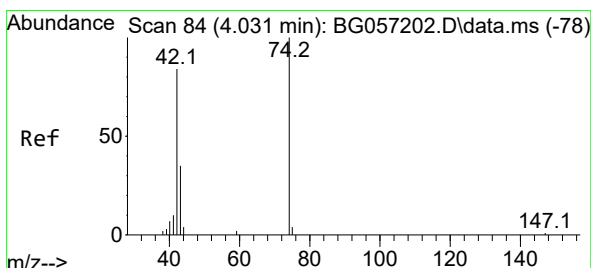
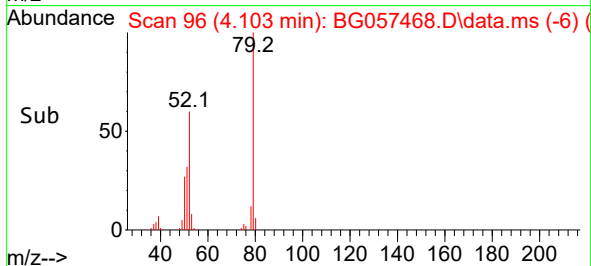
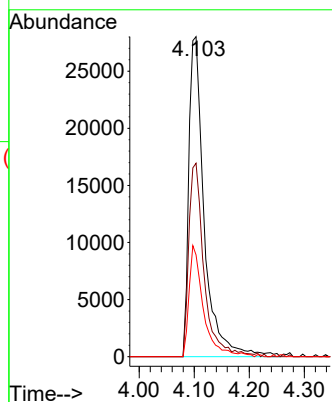
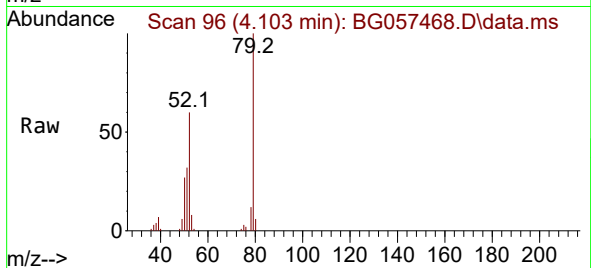




#3
Pyridine
Concen: 40.788 ng
RT: 4.103 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

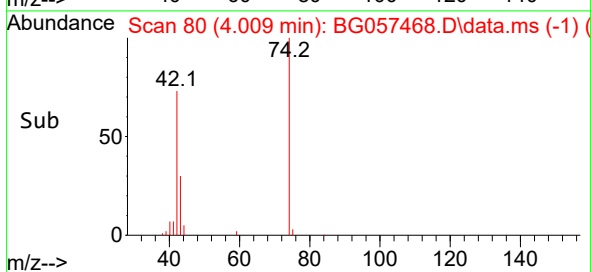
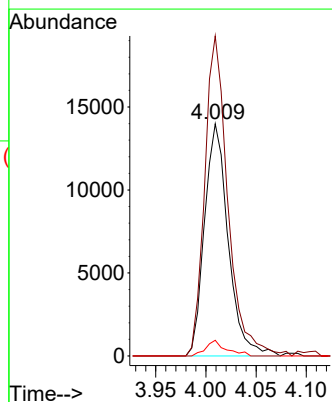
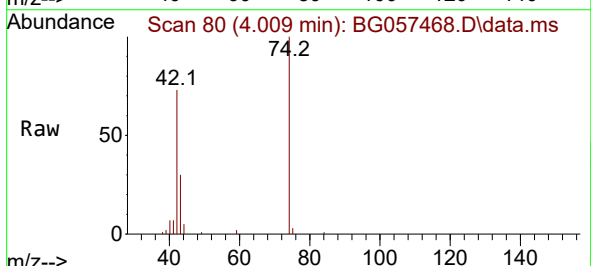
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 54470
Ion Ratio Lower Upper
79 100
52 60.4 51.4 77.0
51 31.8 28.0 42.0



#4
n-Nitrosodimethylamine
Concen: 36.713 ng
RT: 4.009 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion: 42 Resp: 23040
Ion Ratio Lower Upper
42 100
74 137.8 95.1 142.7
44 6.7 5.8 8.8

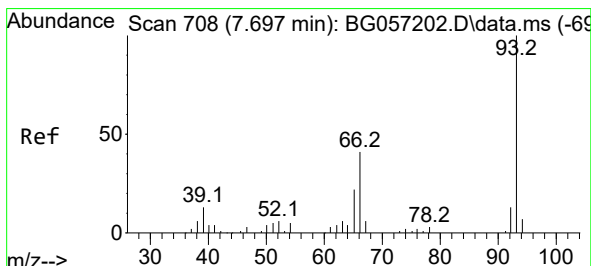
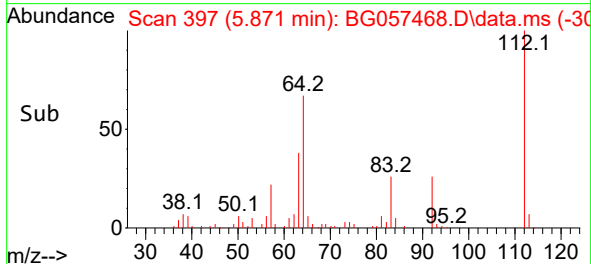
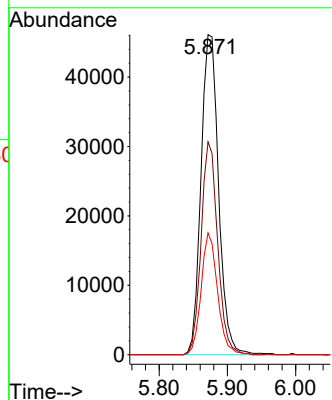
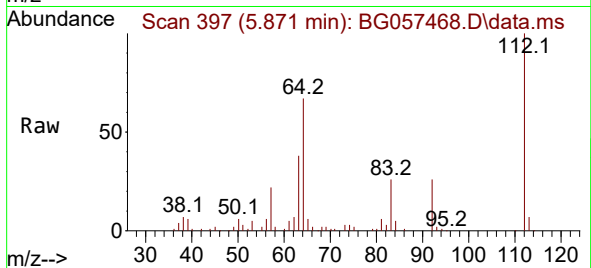




#5
2-Fluorophenol
Concen: 82.397 ng
RT: 5.871 min Scan# 397
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

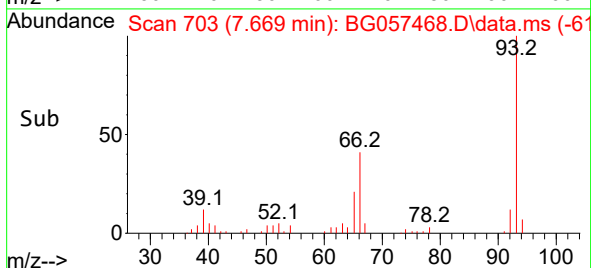
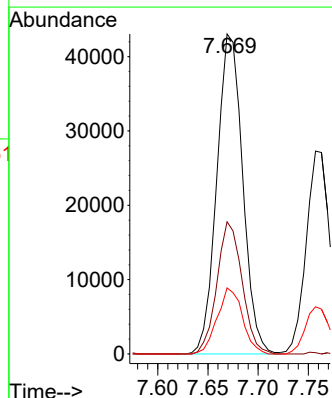
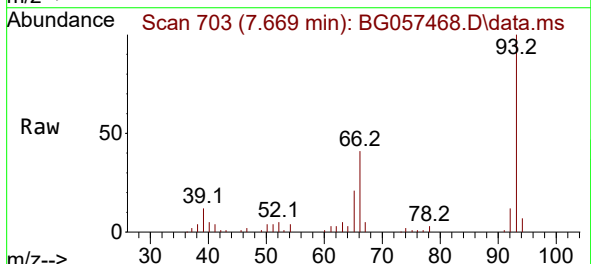
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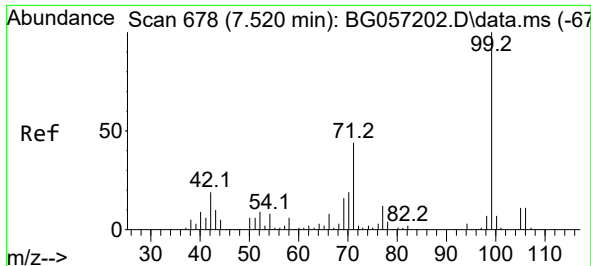
Tgt Ion:112 Resp: 82811
Ion Ratio Lower Upper
112 100
64 66.5 49.4 74.2
63 38.0 31.6 47.4



#6
Aniline
Concen: 39.854 ng
RT: 7.669 min Scan# 703
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion: 93 Resp: 77160
Ion Ratio Lower Upper
93 100
66 41.3 33.0 49.6
65 20.6 18.0 27.0

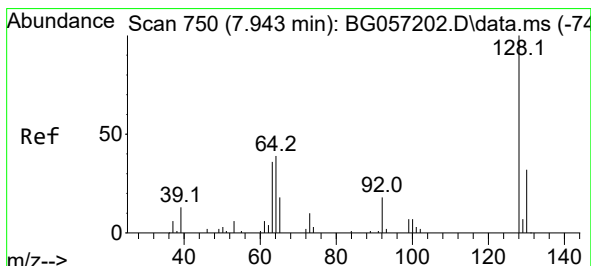
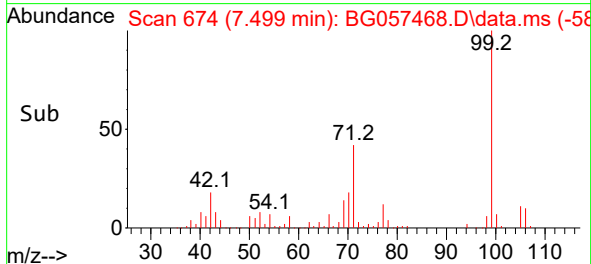
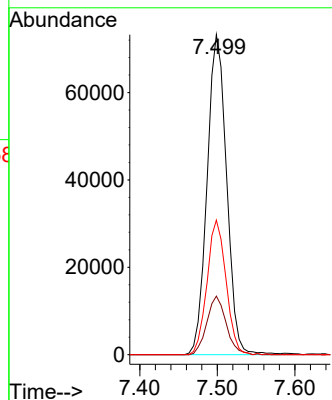
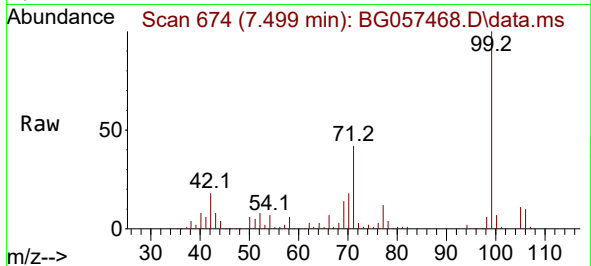




#7
Phenol-d6
Concen: 83.881 ng
RT: 7.499 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

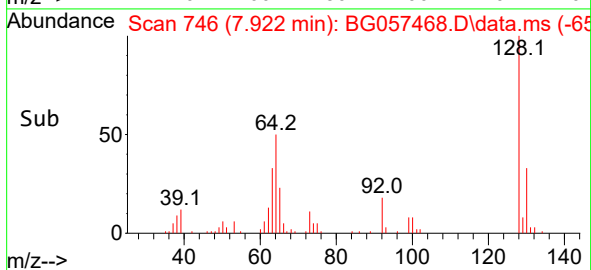
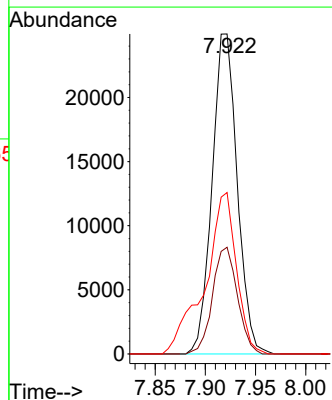
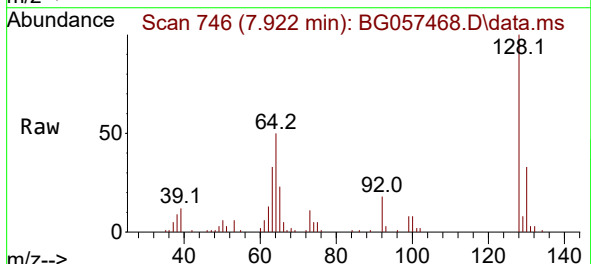
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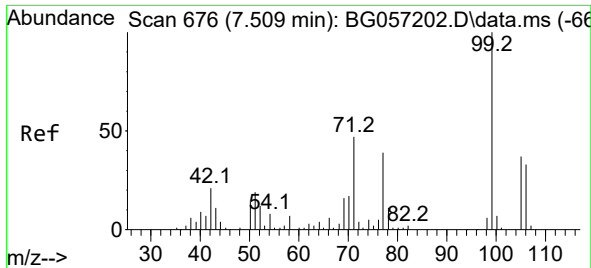
Tgt Ion: 99 Resp: 128016
Ion Ratio Lower Upper
99 100
42 18.3 15.1 22.7
71 42.0 35.2 52.8



#8
2-Chlorophenol
Concen: 40.903 ng
RT: 7.922 min Scan# 746
Delta R.T. 0.001 min
Lab File: BG057468.D
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Tgt Ion: 128 Resp: 43438
Ion Ratio Lower Upper
128 100
130 33.4 12.2 52.2
64 50.5 28.4 68.4

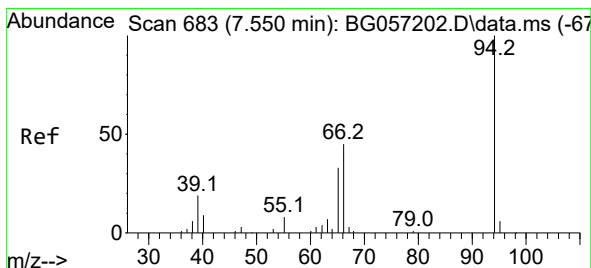
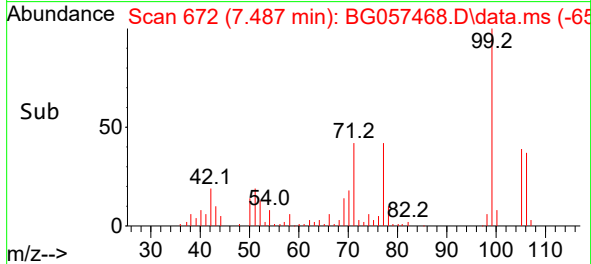
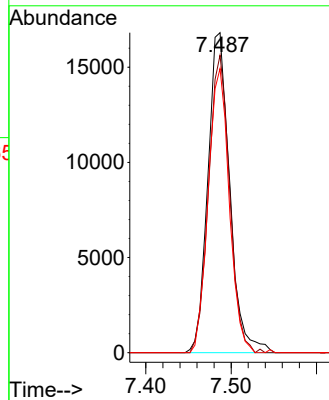
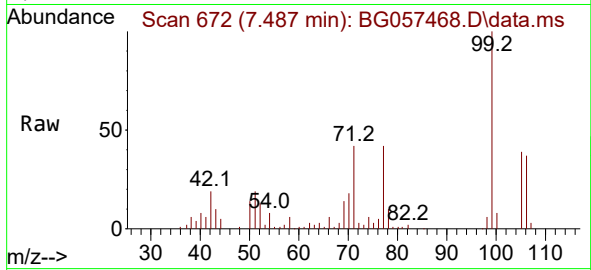




#9
Benzaldehyde
Concen: 36.237 ng
RT: 7.487 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

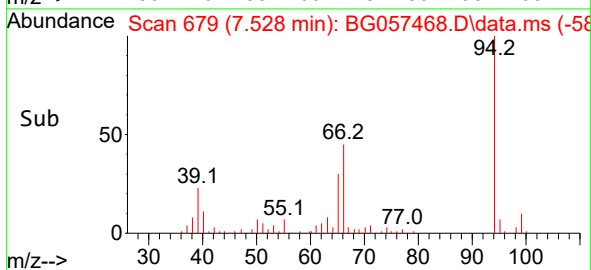
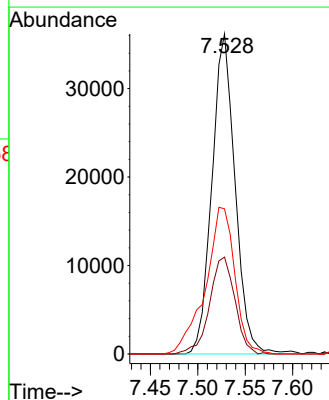
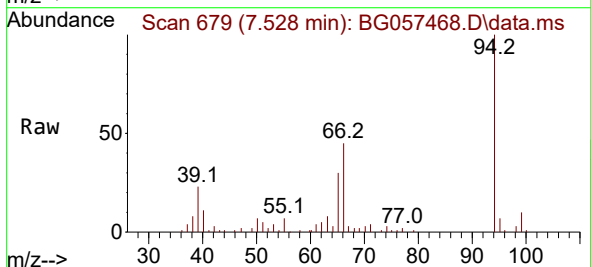
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ClientSampleId :
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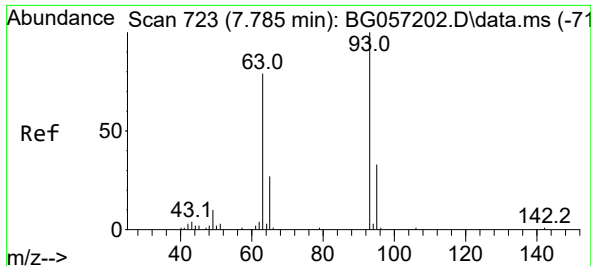
Tgt Ion: 77 Resp: 29861
Ion Ratio Lower Upper
77 100
105 92.9 74.6 114.6
106 88.8 66.3 106.3



#10
Phenol
Concen: 41.221 ng
RT: 7.528 min Scan# 679
Delta R.T. 0.001 min
Lab File: BG057468.D
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Tgt Ion: 94 Resp: 61326
Ion Ratio Lower Upper
94 100
65 30.3 13.5 53.5
66 45.4 26.7 66.7

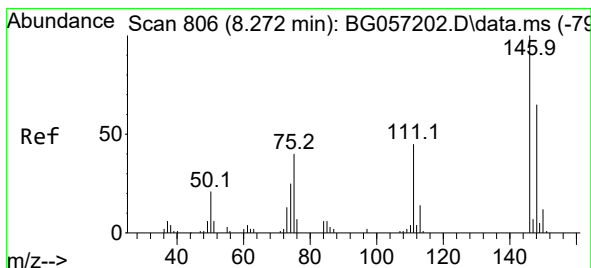
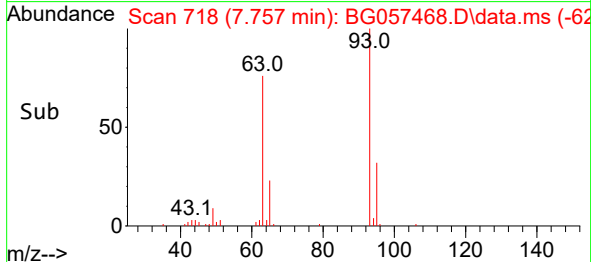
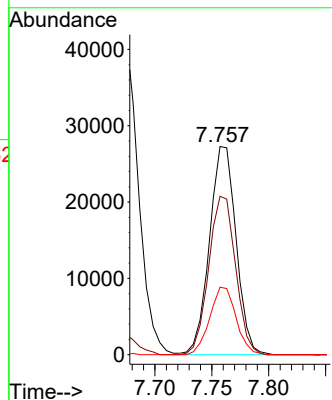
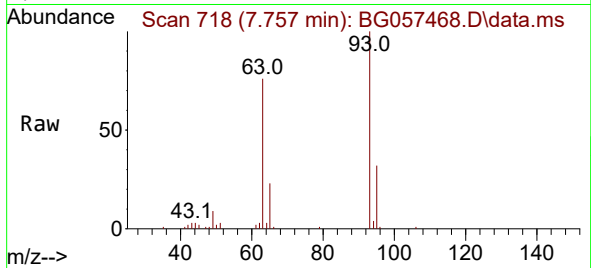




#11
bis(2-Chloroethyl)ether
Concen: 39.653 ng
RT: 7.757 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

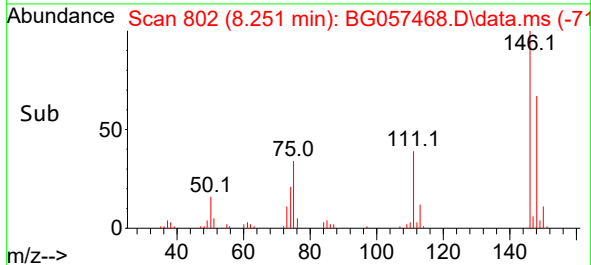
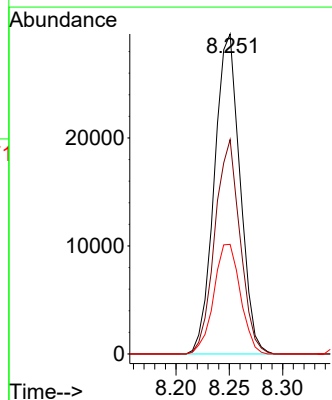
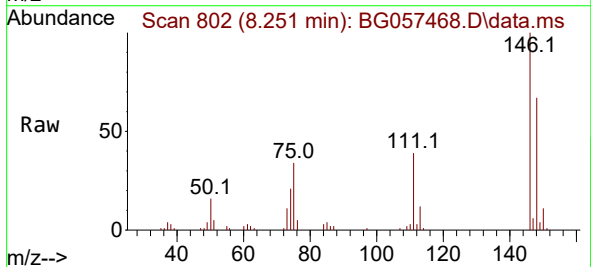
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

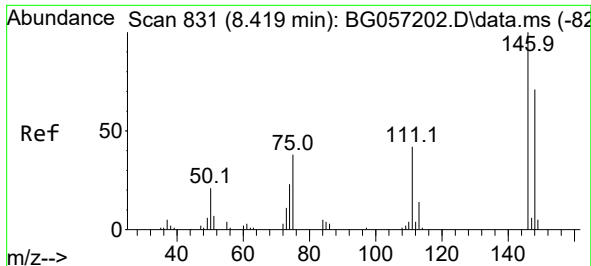
Tgt Ion: 93 Resp: 44484
Ion Ratio Lower Upper
93 100
63 76.0 58.6 98.6
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 42.206 ng
RT: 8.251 min Scan# 802
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:146 Resp: 49469
Ion Ratio Lower Upper
146 100
148 67.0 52.2 78.2
75 34.2 31.7 47.5

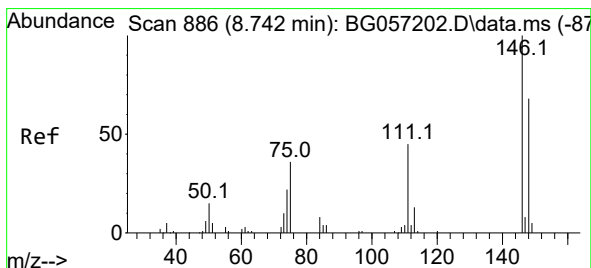
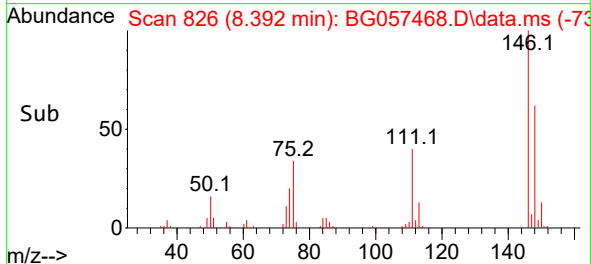
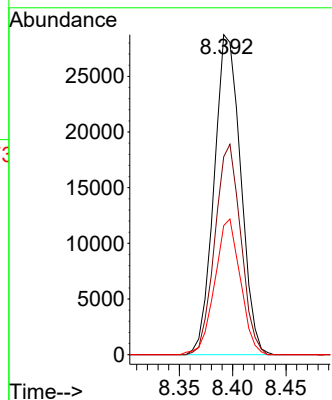
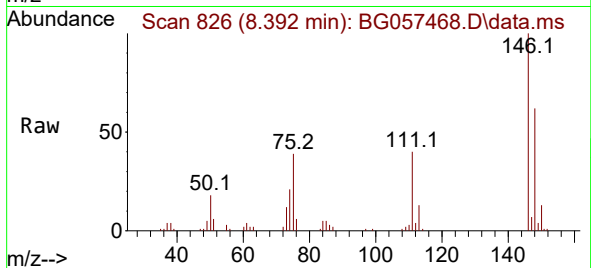




#13
1,4-Dichlorobenzene
Concen: 42.281 ng
RT: 8.392 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

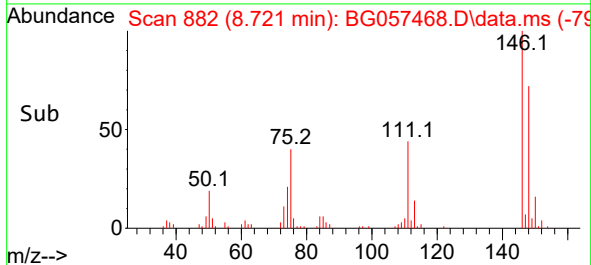
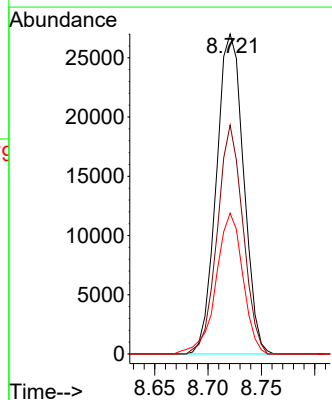
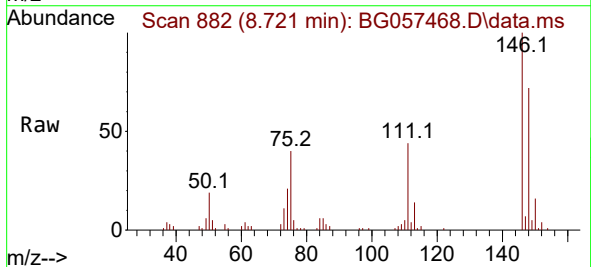
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

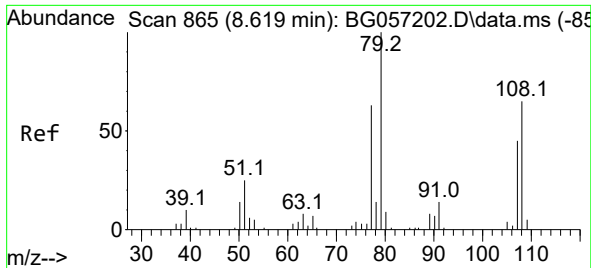
Tgt Ion:146 Resp: 49779
Ion Ratio Lower Upper
146 100
148 61.8 56.4 84.6
111 40.3 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 42.187 ng
RT: 8.721 min Scan# 882
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:146 Resp: 47949
Ion Ratio Lower Upper
146 100
148 71.6 54.6 82.0
111 44.0 37.2 55.8

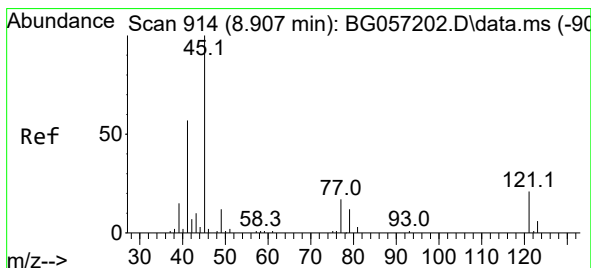
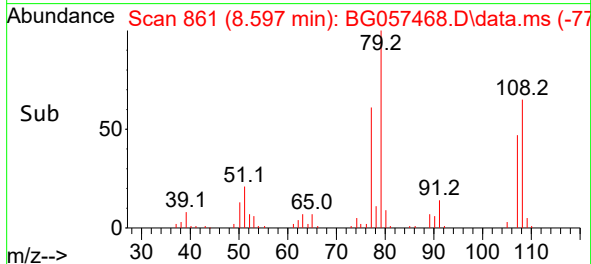
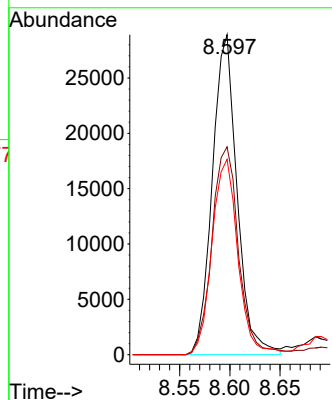
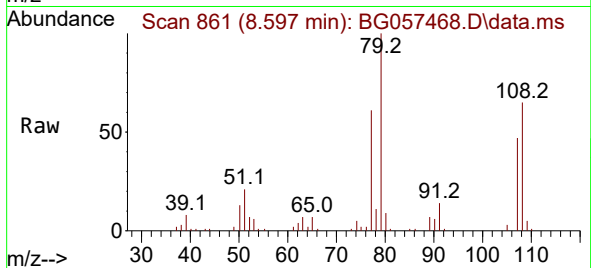




#15
Benzyl Alcohol
Concen: 38.921 ng
RT: 8.597 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

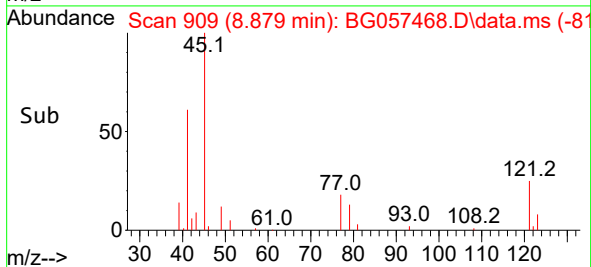
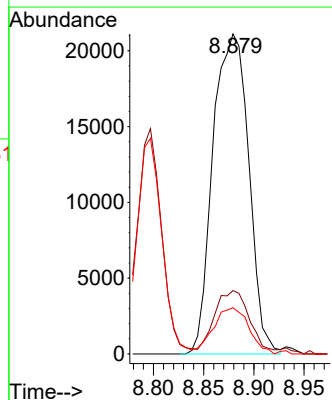
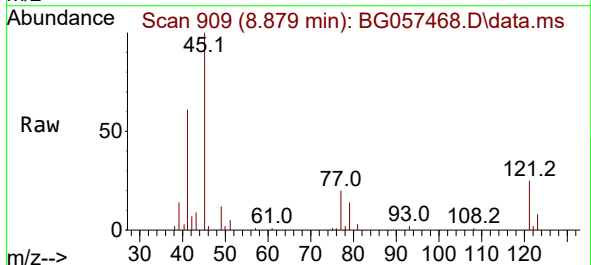
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 49485
Ion Ratio Lower Upper
79 100
108 65.0 52.2 78.2
77 61.0 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.006 ng
RT: 8.879 min Scan# 909
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion: 45 Resp: 52325
Ion Ratio Lower Upper
45 100
77 19.8 0.0 38.5
79 14.5 0.0 33.8

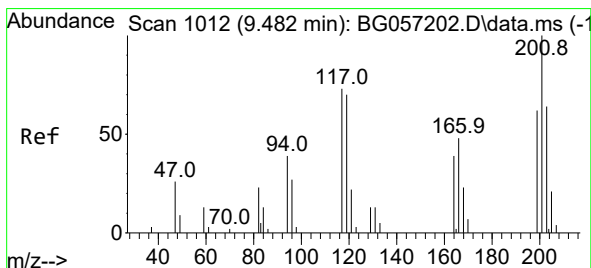
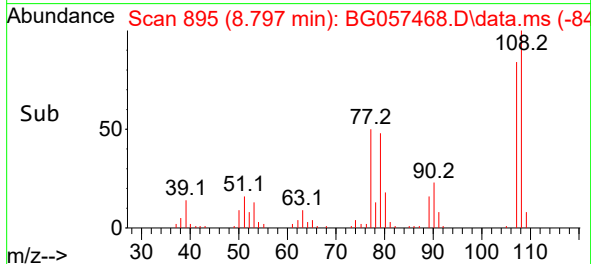
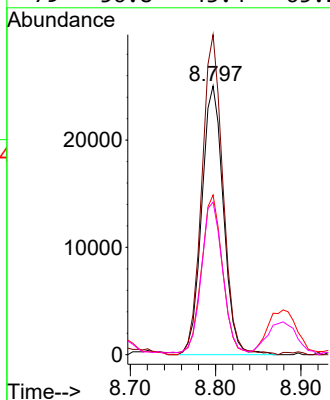
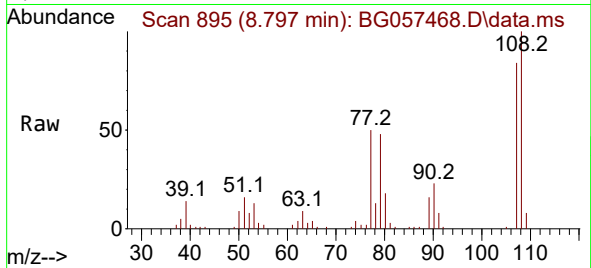




#17
2-Methylphenol
Concen: 41.179 ng
RT: 8.797 min Scan# 899
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

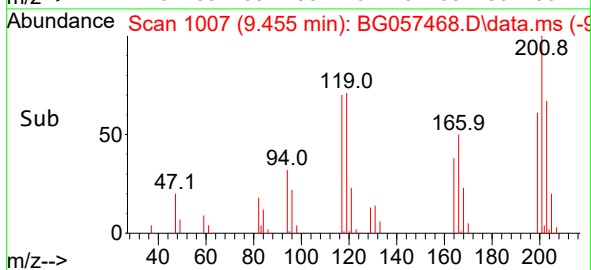
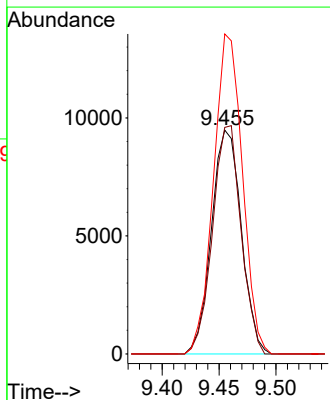
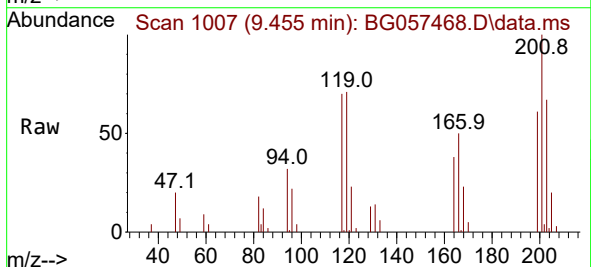
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

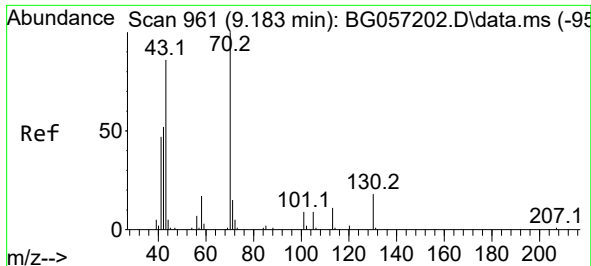
Tgt Ion:	107	Resp:	44162
Ion	Ratio	Lower	Upper
107	100		
108	119.0	89.5	134.3
77	59.4	45.1	67.7
79	56.8	43.4	65.2



#18
Hexachloroethane
Concen: 40.716 ng
RT: 9.455 min Scan# 1007
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:	117	Resp:	17299
Ion	Ratio	Lower	Upper
117	100		
119	101.2	76.7	115.1
201	142.9	109.0	163.4

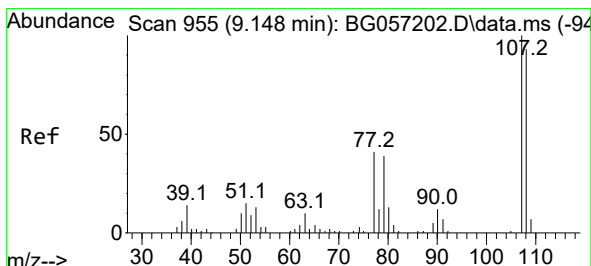
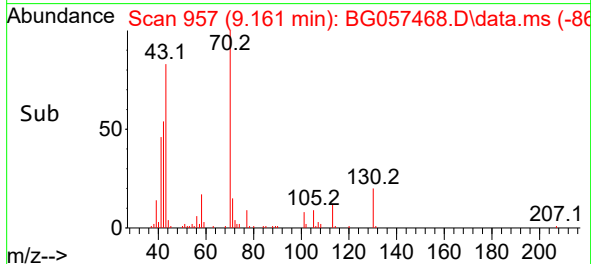
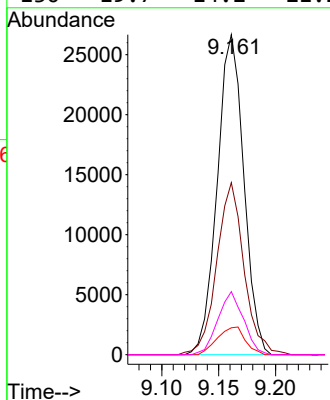
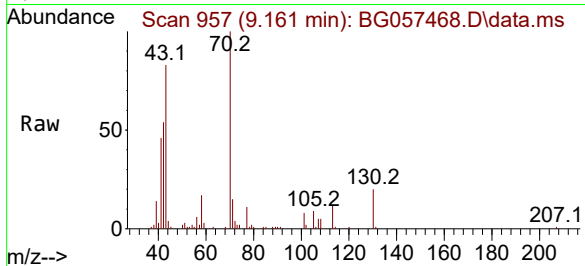




#19
n-Nitroso-di-n-propylamine
Concen: 37.291 ng
RT: 9.161 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

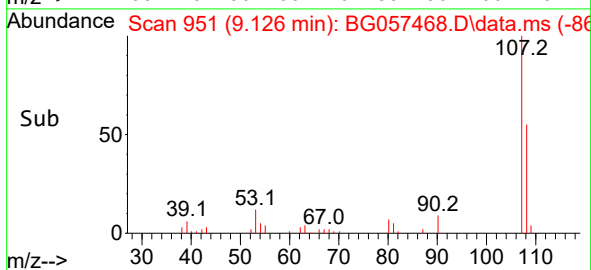
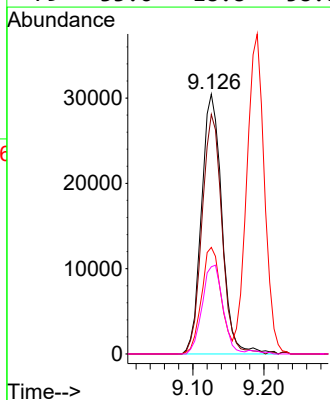
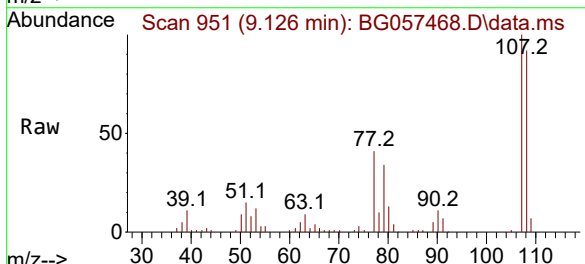
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

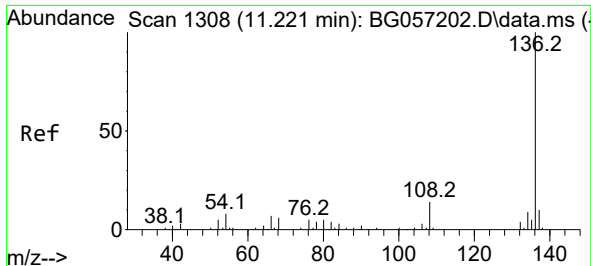
Tgt Ion:	70	Resp:	43397
Ion	Ratio	Lower	Upper
70	100		
42	53.7	41.8	62.8
101	8.4	6.8	10.2
130	19.7	14.2	21.2



#20
3+4-Methylphenols
Concen: 41.429 ng
RT: 9.126 min Scan# 951
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:	107	Resp:	60837
Ion	Ratio	Lower	Upper
107	100		
108	92.2	73.5	113.5
77	41.0	21.1	61.1
79	33.6	18.8	58.8

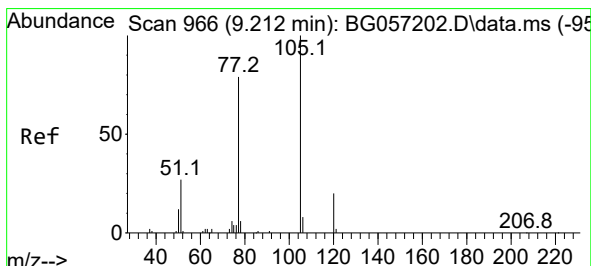
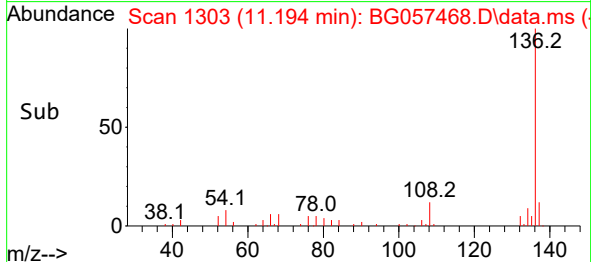
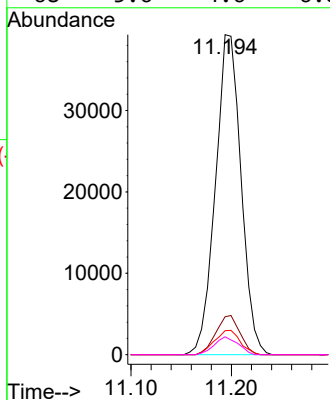
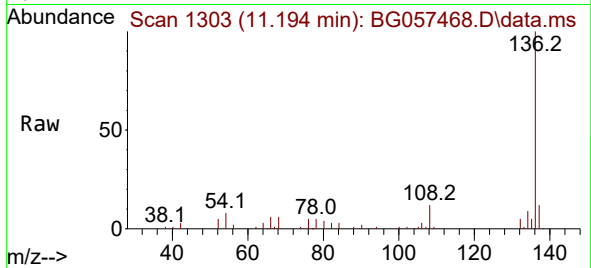




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.194 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

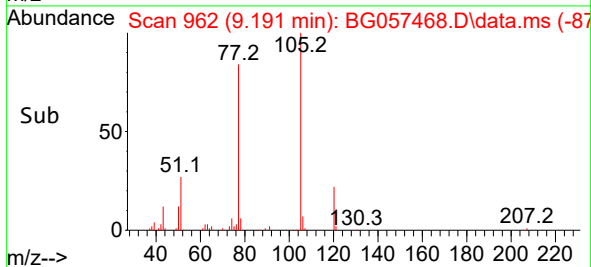
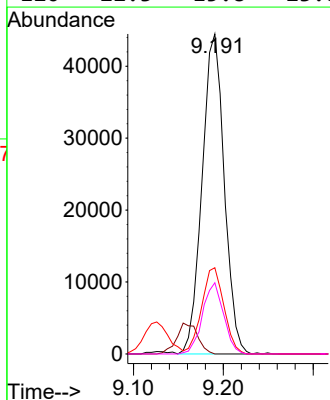
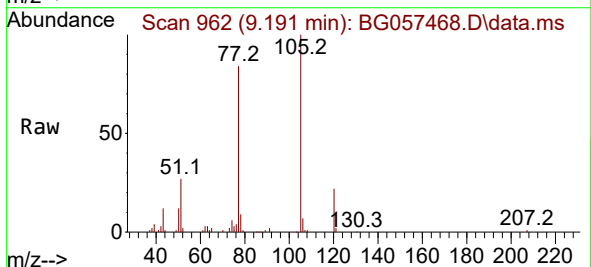
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

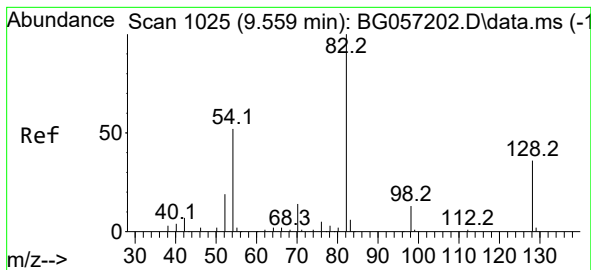
Tgt Ion:136 Resp: 69645
Ion Ratio Lower Upper
136 100
137 11.8 8.3 12.5
54 7.5 6.7 10.1
68 5.6 4.6 6.8



#22
Acetophenone
Concen: 38.235 ng
RT: 9.191 min Scan# 962
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:105 Resp: 76216
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6#
51 27.0 24.0 36.0
120 22.3 15.8 23.8





#23

Nitrobenzene-d5

Concen: 78.178 ng

RT: 9.537 min Scan# 1025

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

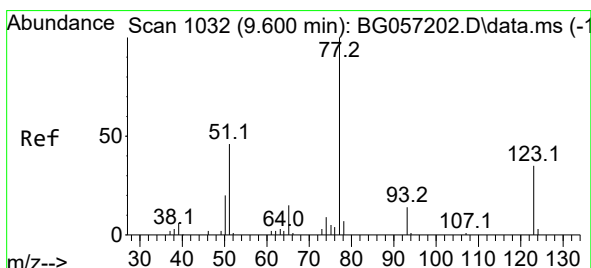
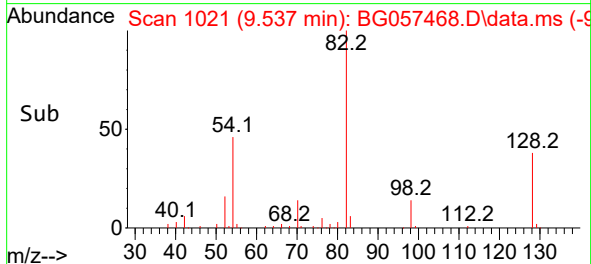
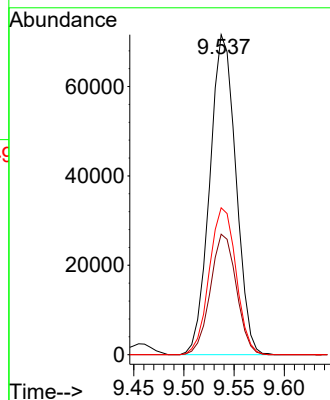
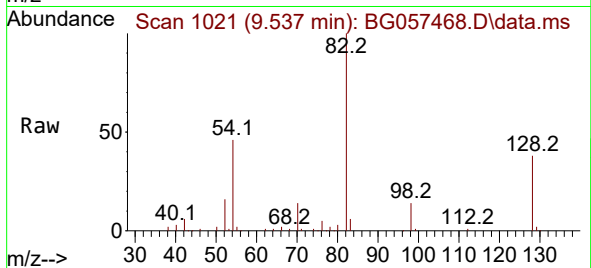
Tgt Ion: 82 Resp: 129726

Ion Ratio Lower Upper

82 100

128 37.7 29.0 43.4

54 45.9 41.4 62.0



#24

Nitrobenzene

Concen: 38.681 ng

RT: 9.584 min Scan# 1029

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

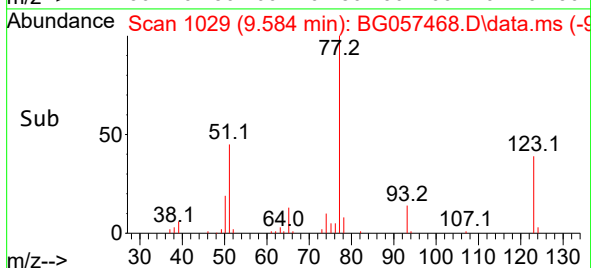
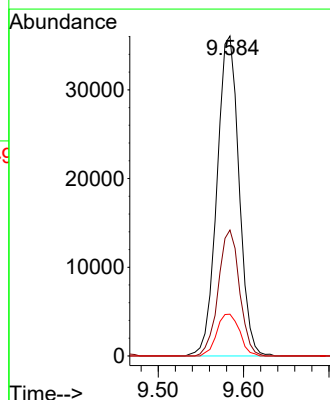
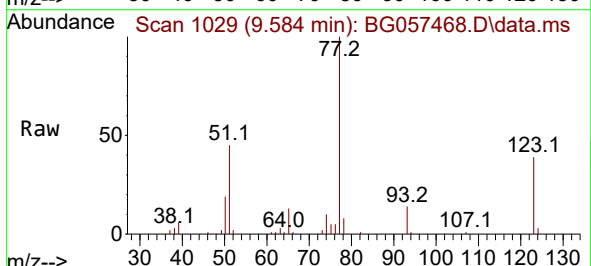
Tgt Ion: 77 Resp: 64785

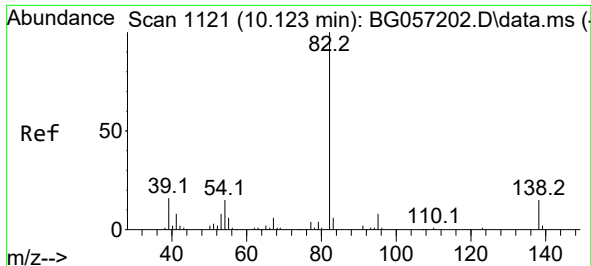
Ion Ratio Lower Upper

77 100

123 39.4 28.2 42.2

65 13.1 11.7 17.5

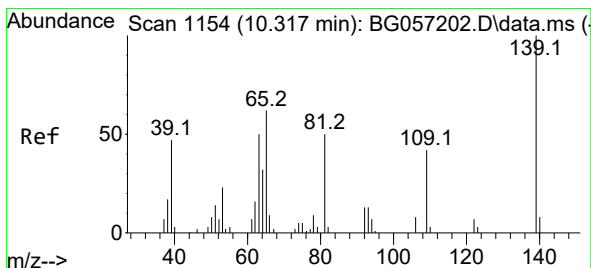
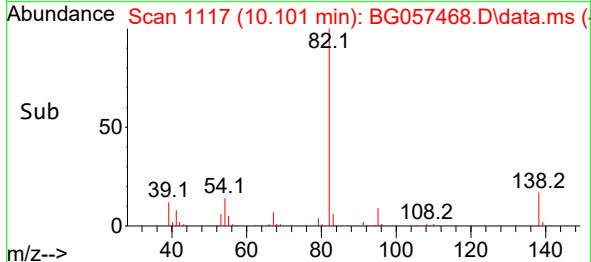
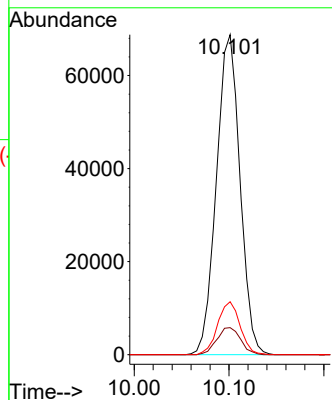
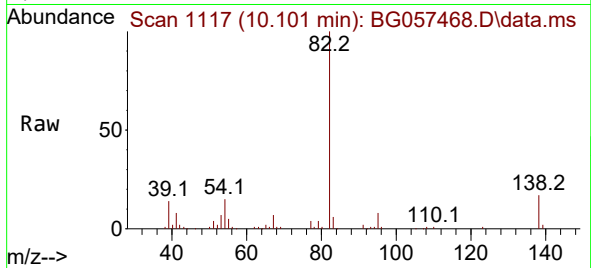




#25
Isophorone
Concen: 36.955 ng
RT: 10.101 min Scan# 1117
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

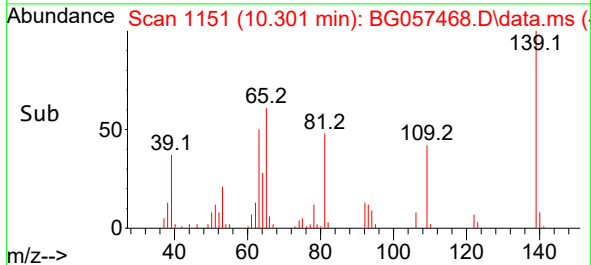
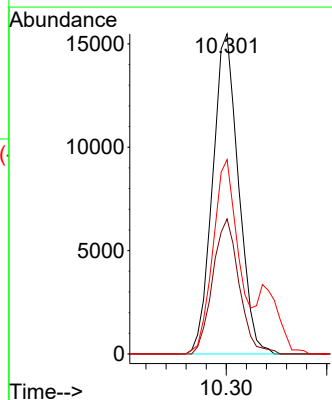
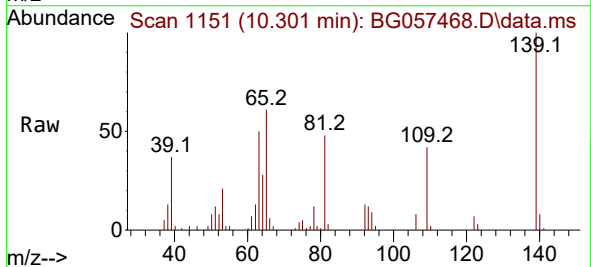
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

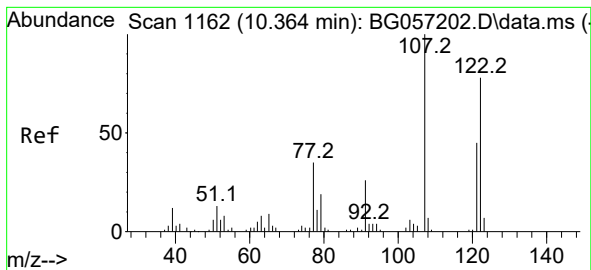
Tgt Ion: 82 Resp: 118909
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 16.6 12.3 18.5



#26
2-Nitrophenol
Concen: 43.303 ng
RT: 10.301 min Scan# 1151
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:139 Resp: 27761
Ion Ratio Lower Upper
139 100
109 42.2 33.4 50.2
65 60.7 49.8 74.6

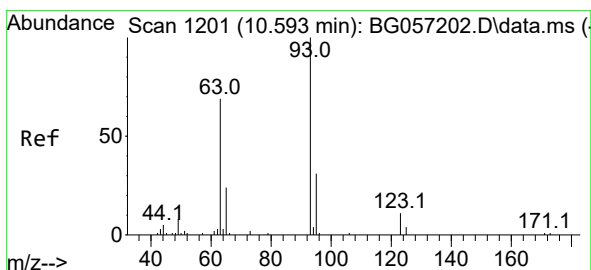
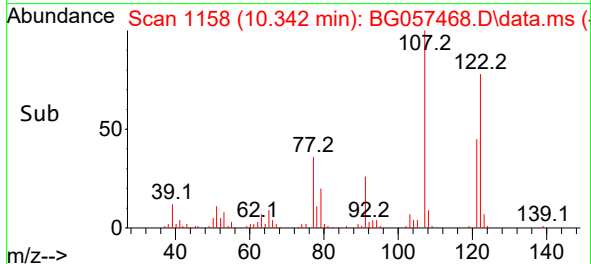
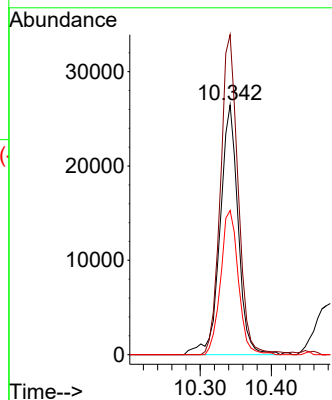
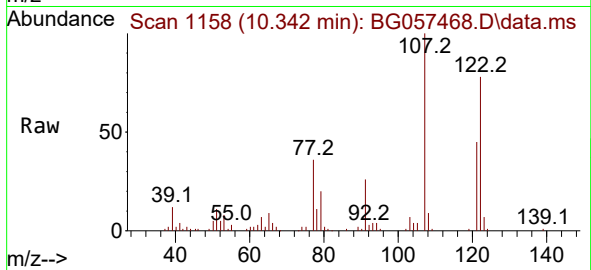




#27
2,4-Dimethylphenol
Concen: 41.346 ng
RT: 10.342 min Scan# 1162
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

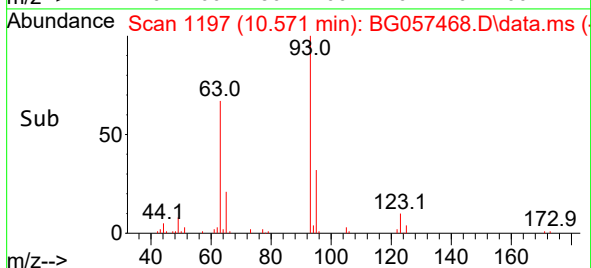
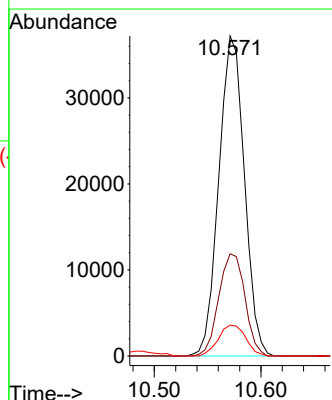
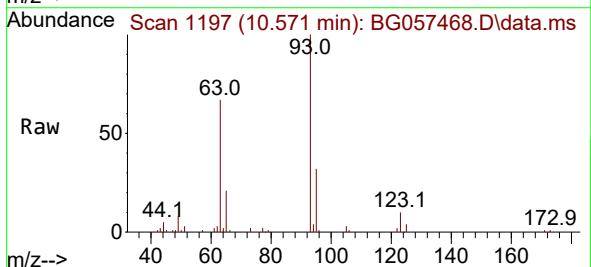
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

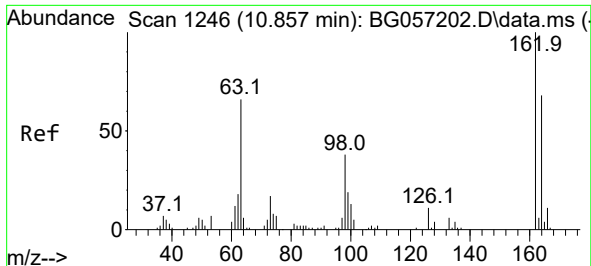
Tgt Ion:122 Resp: 46413
Ion Ratio Lower Upper
122 100
107 128.1 103.0 154.4
121 57.7 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 38.381 ng
RT: 10.571 min Scan# 1197
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion: 93 Resp: 61869
Ion Ratio Lower Upper
93 100
95 32.0 25.0 37.6
123 9.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 43.823 ng

RT: 10.841 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

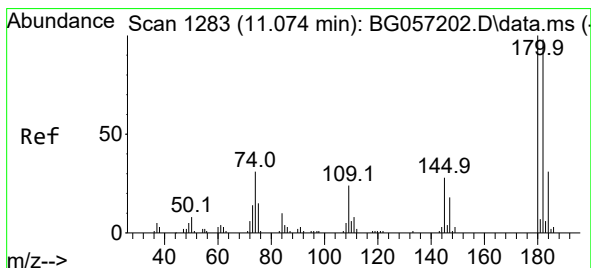
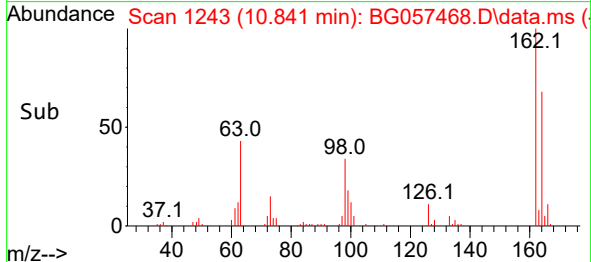
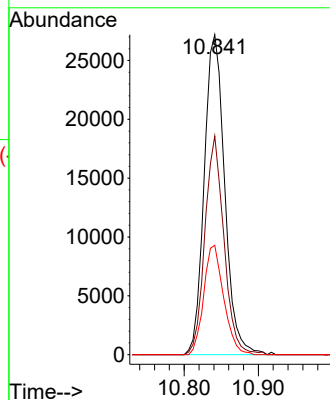
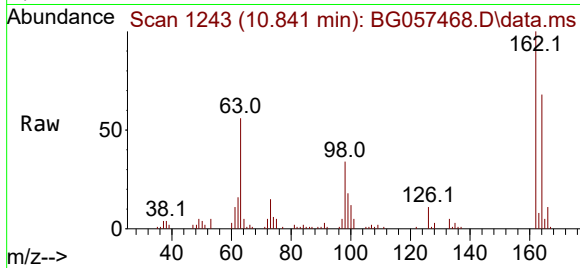
Tgt Ion:162 Resp: 52176

Ion Ratio Lower Upper

162 100

164 68.4 48.4 88.4

98 34.2 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 40.146 ng

RT: 11.053 min Scan# 1279

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

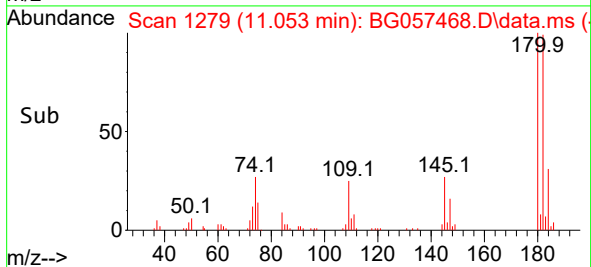
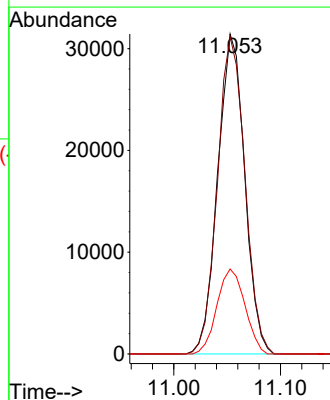
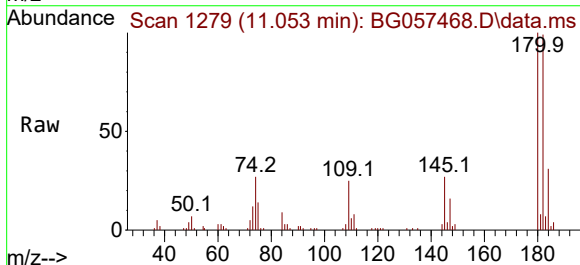
Tgt Ion:180 Resp: 55131

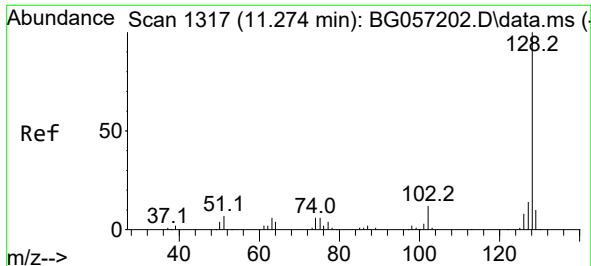
Ion Ratio Lower Upper

180 100

182 99.1 78.0 117.0

145 26.6 22.4 33.6

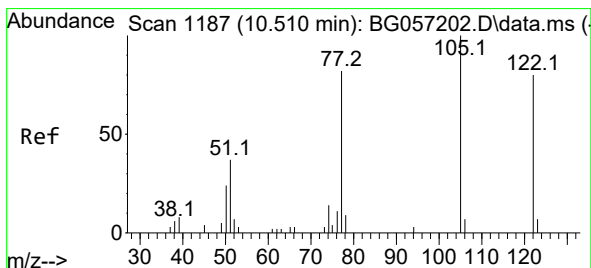
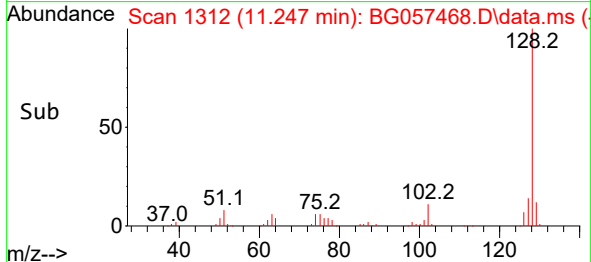
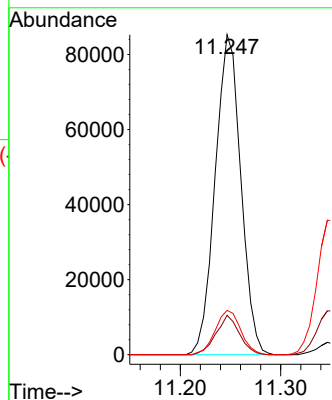
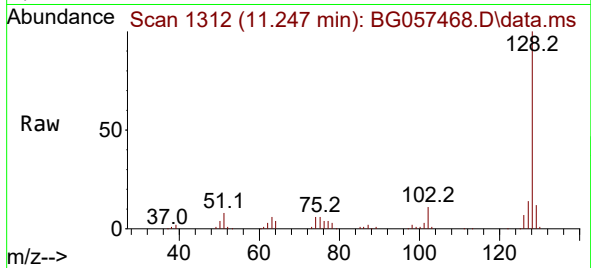




#31
Naphthalene
Concen: 40.582 ng
RT: 11.247 min Scan# 111
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

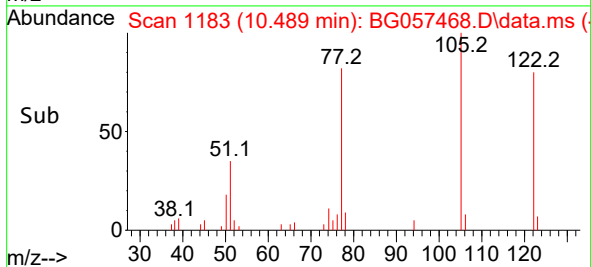
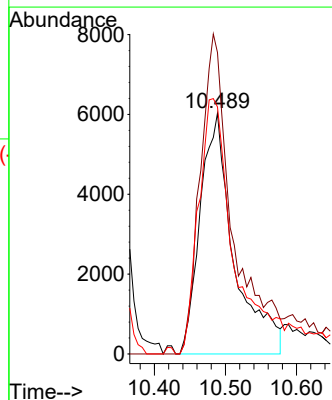
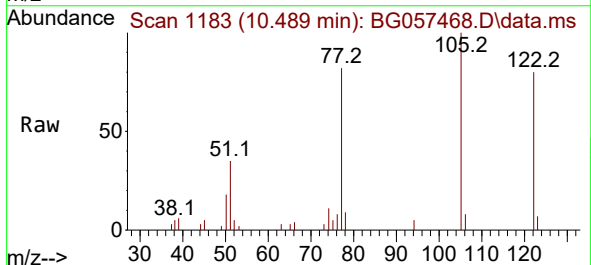
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

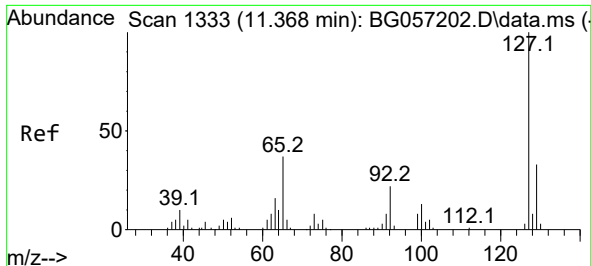
Tgt Ion:128 Resp: 151099
Ion Ratio Lower Upper
128 100
129 12.3 8.3 12.5
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 32.430 ng
RT: 10.489 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:122 Resp: 19894
Ion Ratio Lower Upper
122 100
105 125.2 105.2 145.2
77 102.6 83.1 123.1

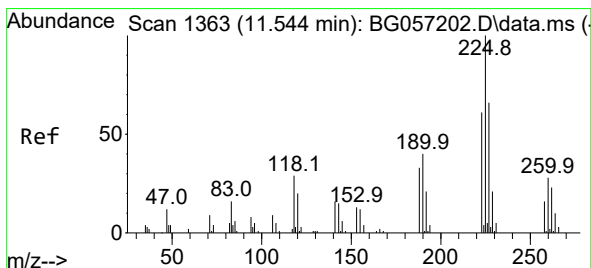
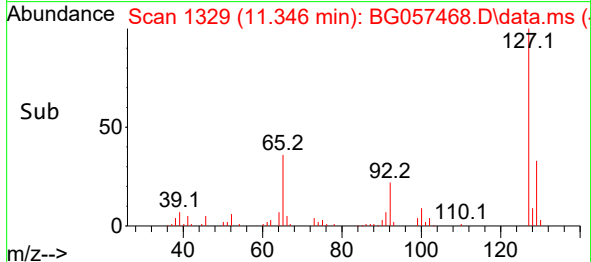
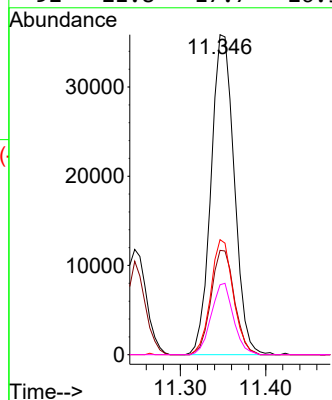
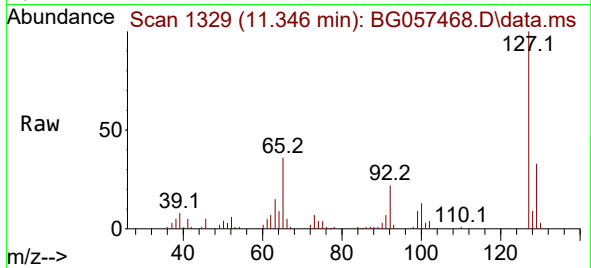




#33
4-Chloroaniline
Concen: 40.537 ng
RT: 11.346 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

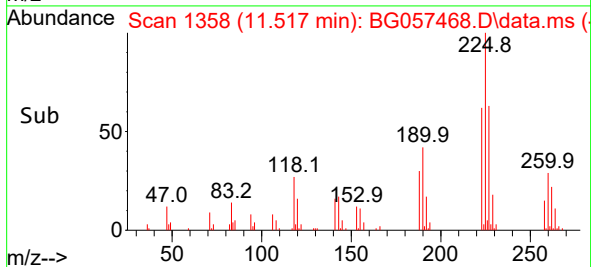
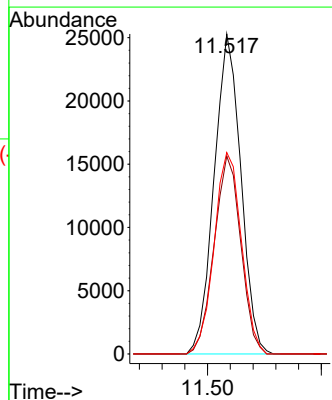
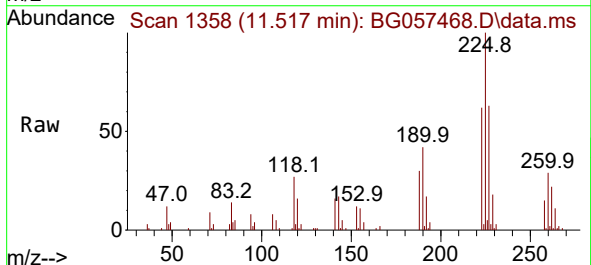
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

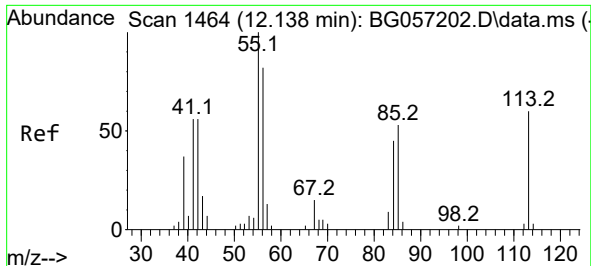
Tgt Ion:	127	Resp:	67780
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.7	40.1
65	36.0	29.7	44.5
92	21.8	17.7	26.5



#34
Hexachlorobutadiene
Concen: 40.459 ng
RT: 11.517 min Scan# 1358
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:	225	Resp:	41227
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.6	72.8
227	63.0	52.7	79.1

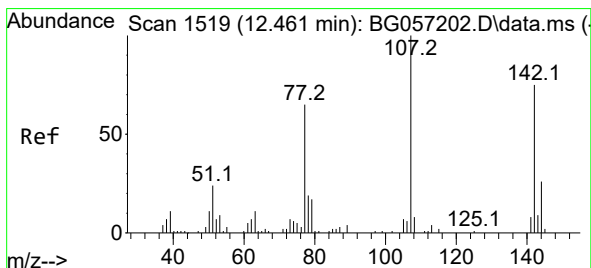
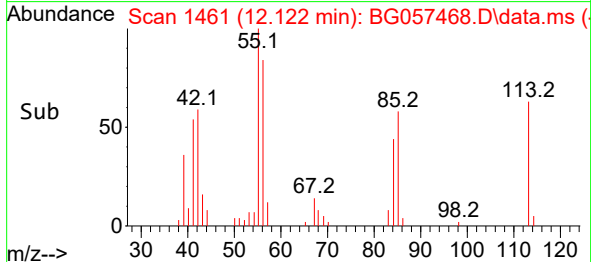
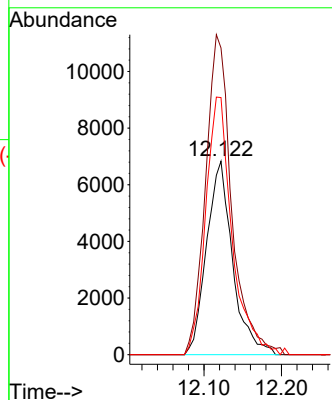
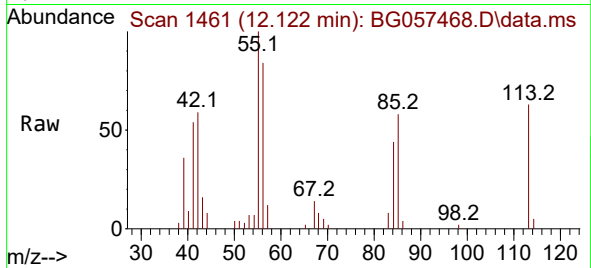




#35
Caprolactam
Concen: 39.294 ng
RT: 12.122 min Scan# 1461
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

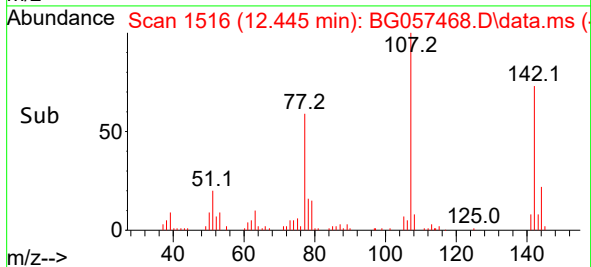
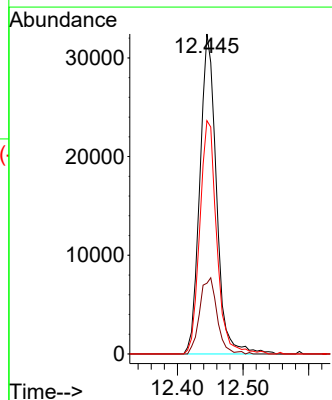
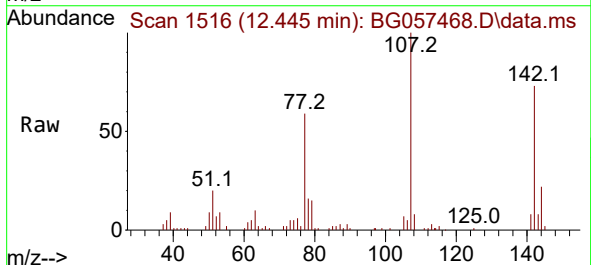
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

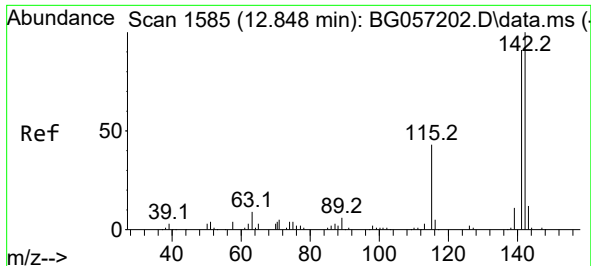
Tgt Ion:113 Resp: 15981
Ion Ratio Lower Upper
113 100
55 158.7 145.5 185.5
56 133.0 115.9 155.9



#36
4-Chloro-3-methylphenol
Concen: 42.208 ng
RT: 12.445 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:107 Resp: 57109
Ion Ratio Lower Upper
107 100
144 22.1 21.0 31.6
142 72.9 60.0 90.0





#37

2-Methylnaphthalene

Concen: 41.317 ng

RT: 12.827 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

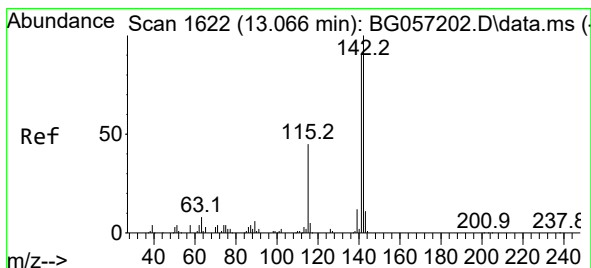
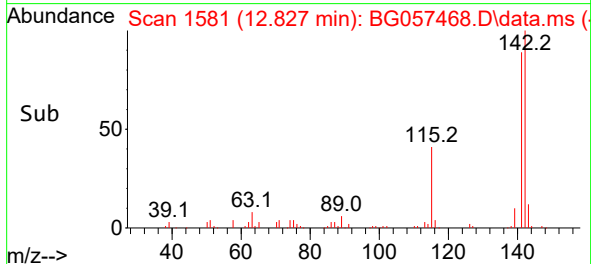
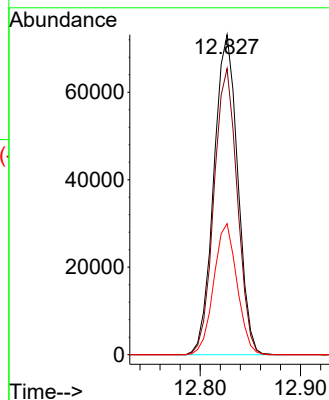
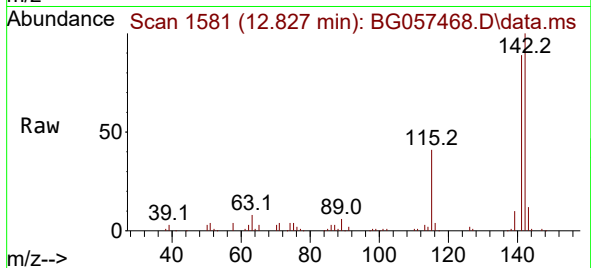
Tgt Ion:142 Resp: 120951

Ion Ratio Lower Upper

142 100

141 89.4 73.1 109.7

115 40.9 34.6 52.0



#38

1-Methylnaphthalene

Concen: 40.965 ng

RT: 13.044 min Scan# 1618

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

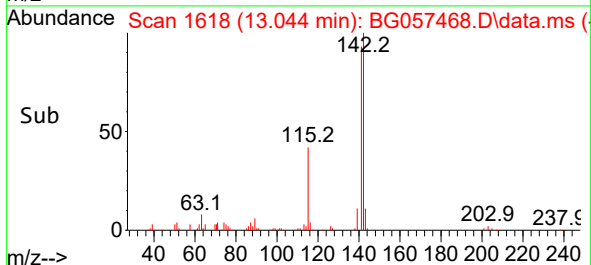
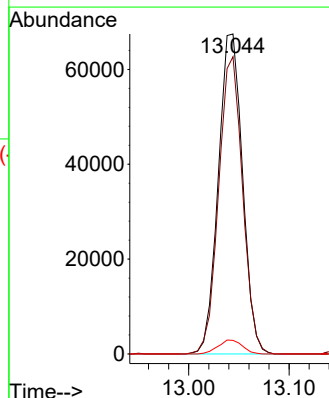
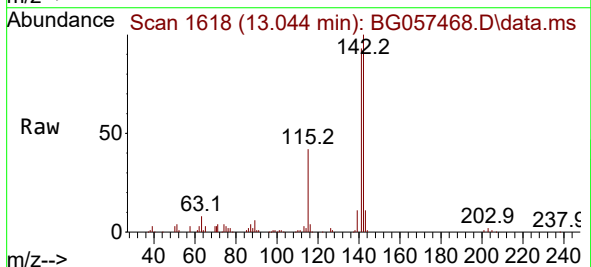
Tgt Ion:142 Resp: 113033

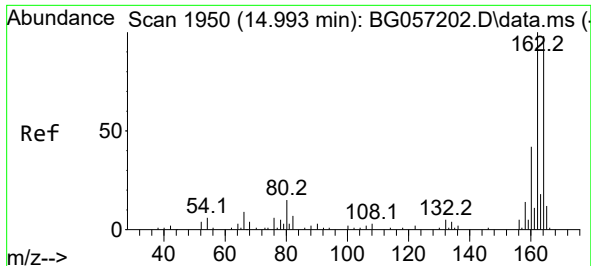
Ion Ratio Lower Upper

142 100

141 92.9 72.5 108.7

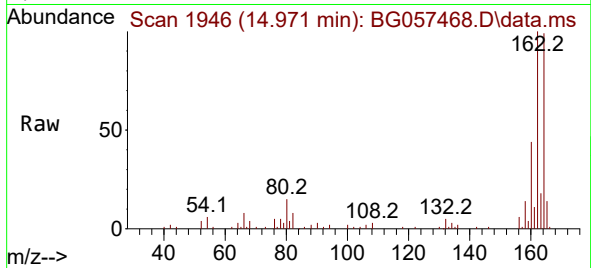
116 4.2 3.7 5.5



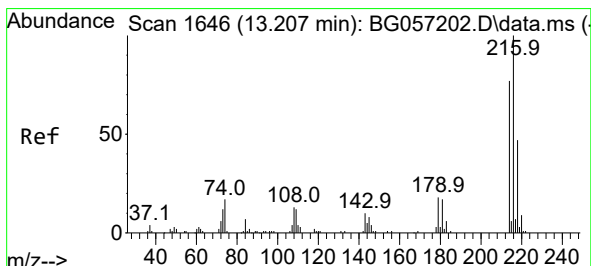
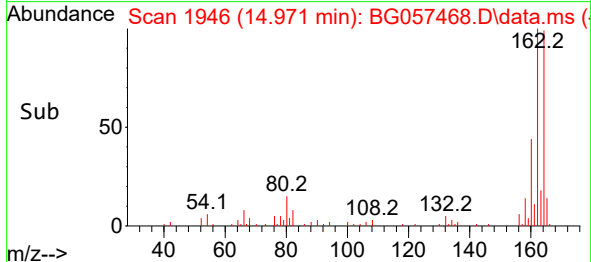
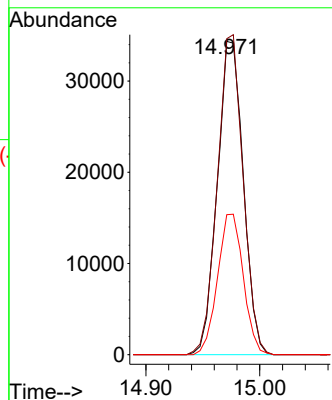


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.971 min Scan# 1946
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

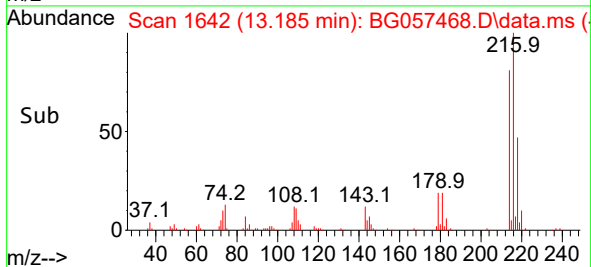
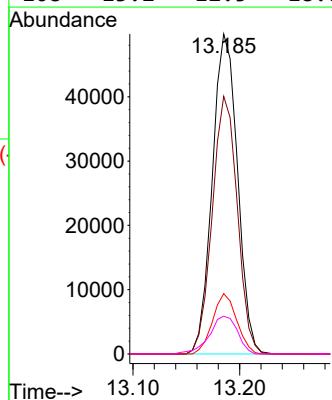
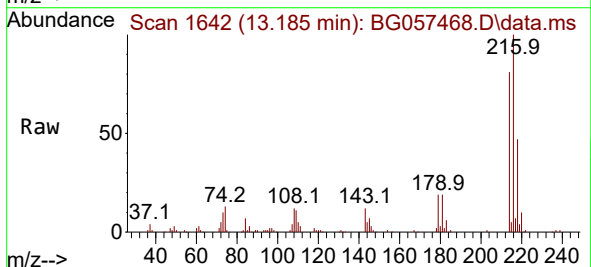


Tgt Ion:164 Resp: 54566
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 44.7 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.120 ng
RT: 13.185 min Scan# 1642
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:216 Resp: 81592
Ion Ratio Lower Upper
216 100
214 79.9 63.7 95.5
179 18.1 14.6 22.0
108 13.2 12.5 18.7

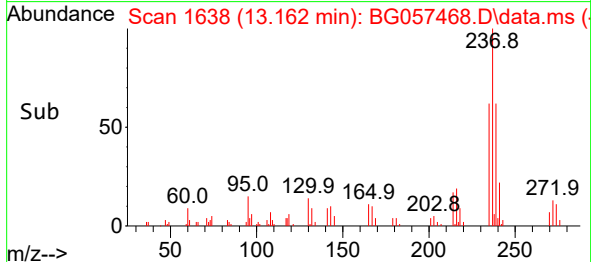
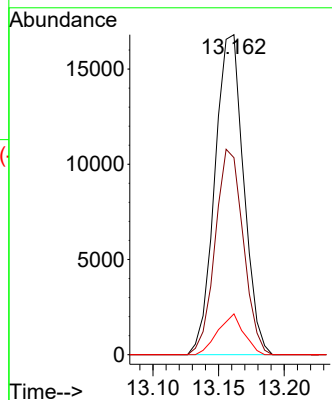
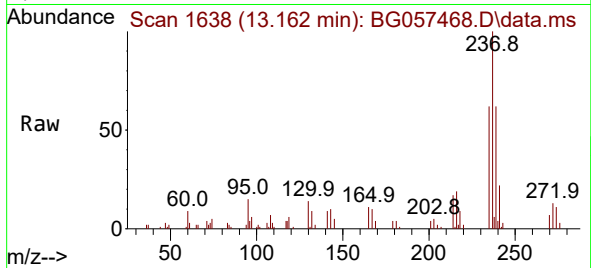




#41
Hexachlorocyclopentadiene
Concen: 31.654 ng
RT: 13.162 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

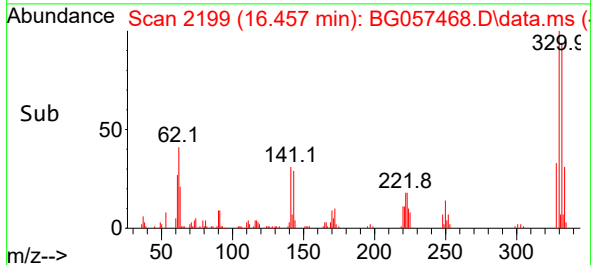
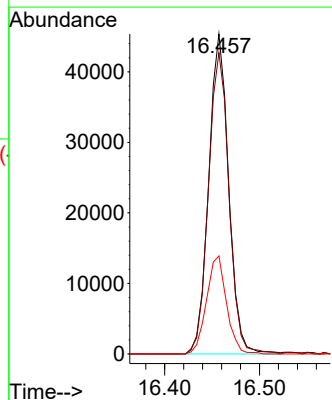
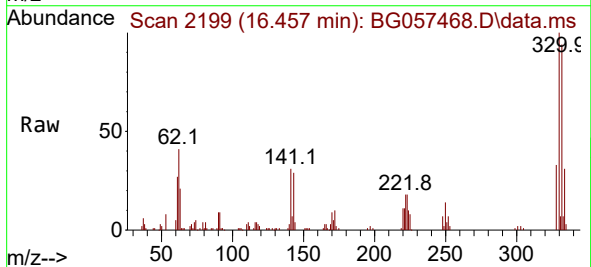
Instrument :
BNA_G
ClientSampleId :
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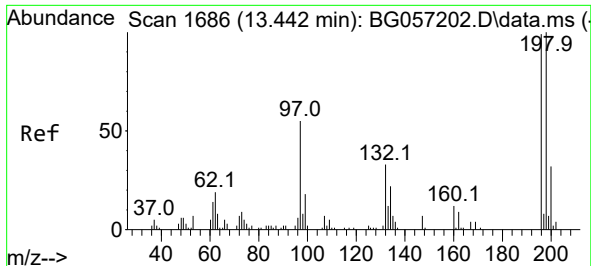
Tgt Ion:237 Resp: 25629
Ion Ratio Lower Upper
237 100
235 61.5 42.0 82.0
272 12.8 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 85.794 ng
RT: 16.457 min Scan# 2199
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:330 Resp: 66425
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.2
141 30.6 27.8 41.8

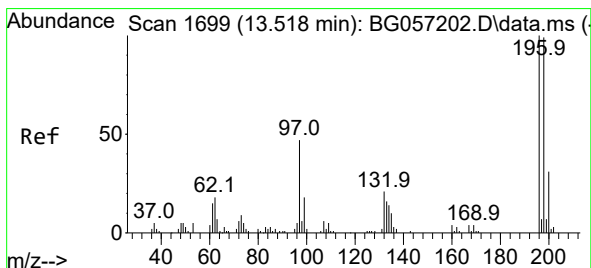
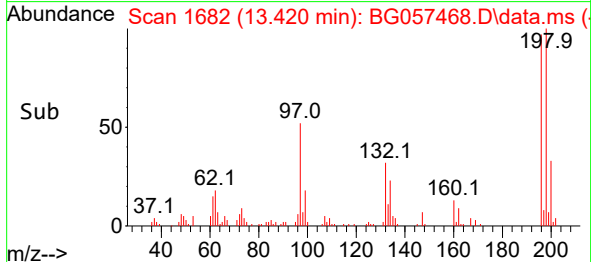
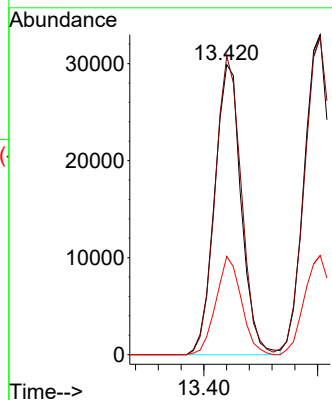
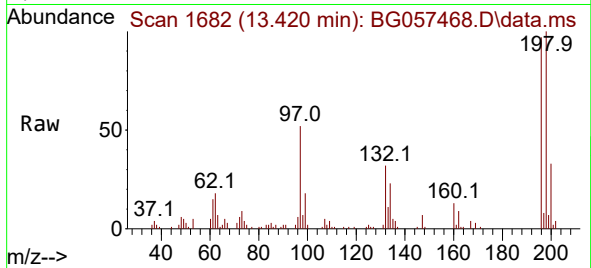




#43
2,4,6-Trichlorophenol
Concen: 41.300 ng
RT: 13.420 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

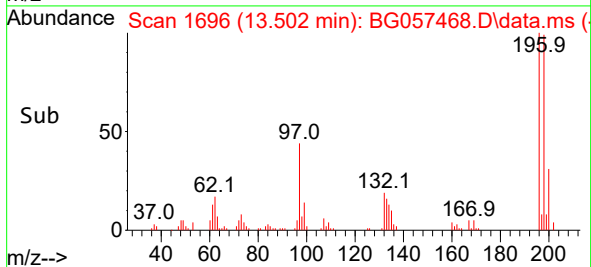
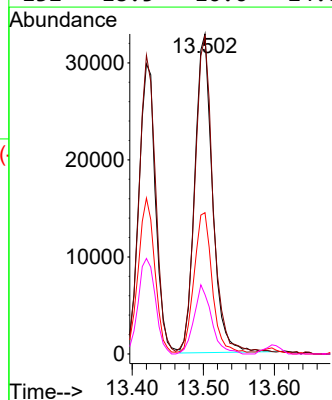
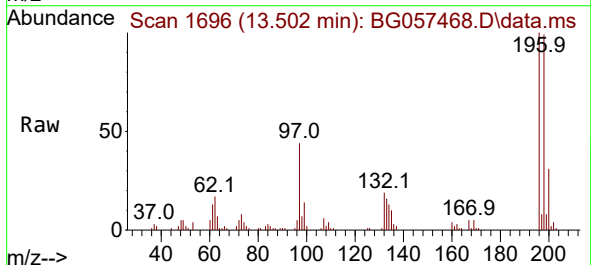
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

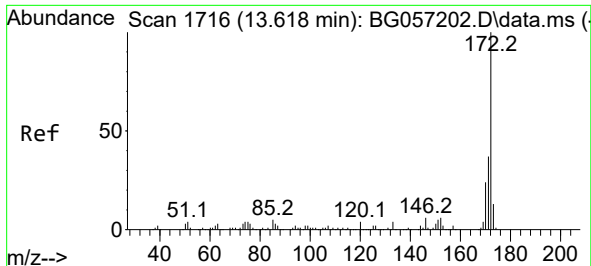
Tgt Ion:196 Resp: 48741
Ion Ratio Lower Upper
196 100
198 103.0 81.2 121.8
200 33.9 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 40.846 ng
RT: 13.502 min Scan# 1696
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:196 Resp: 56703
Ion Ratio Lower Upper
196 100
198 99.2 79.4 119.2
97 44.1 37.0 55.4
132 18.5 16.6 24.8

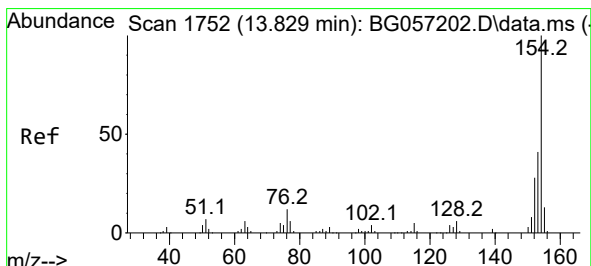
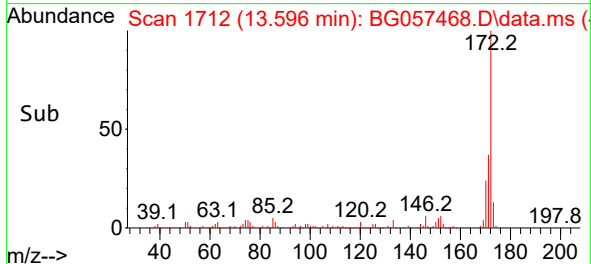
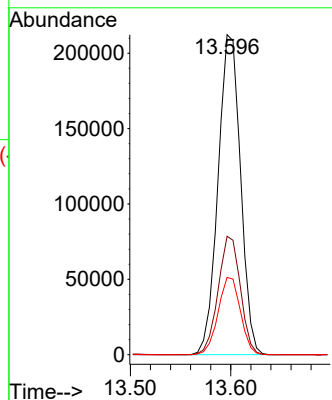
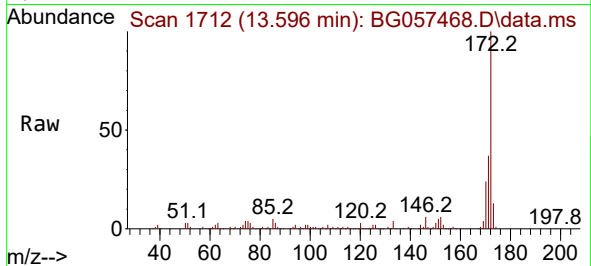




#45
2-Fluorobiphenyl
Concen: 81.406 ng
RT: 13.596 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

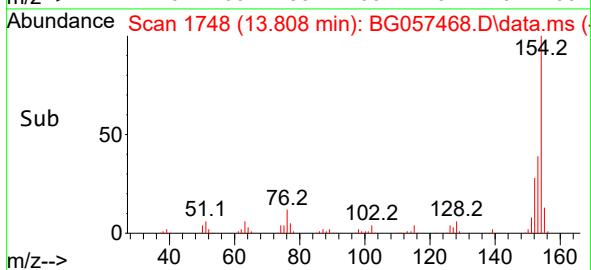
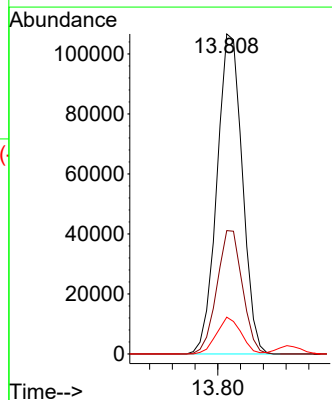
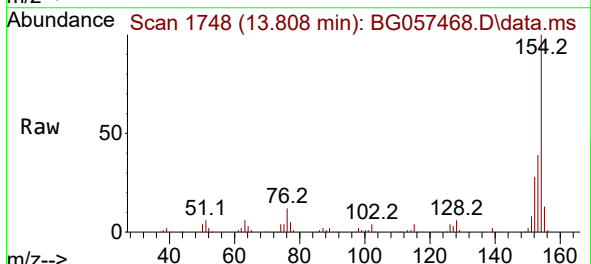
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 329819
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 24.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 40.803 ng
RT: 13.808 min Scan# 1748
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:154 Resp: 165213
Ion Ratio Lower Upper
154 100
153 38.6 20.9 60.9
76 11.5 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.734 ng

RT: 13.861 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

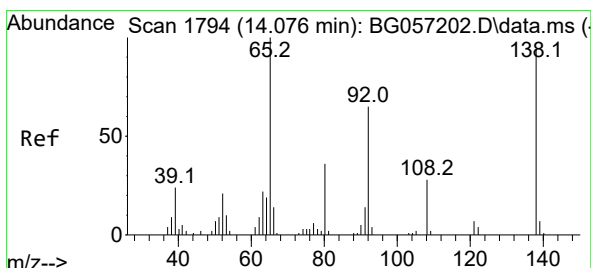
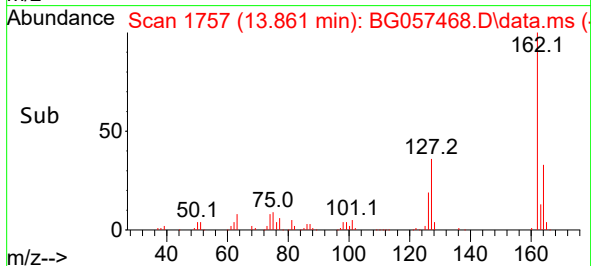
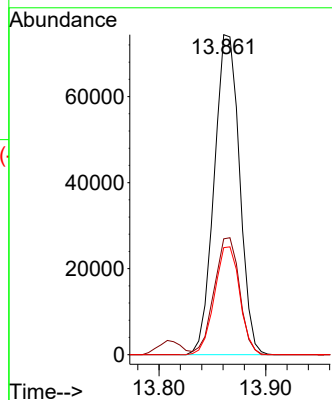
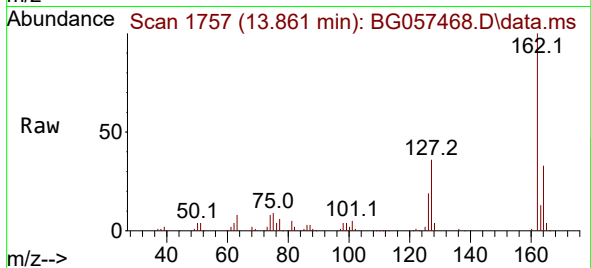
Tgt Ion:162 Resp: 122648

Ion Ratio Lower Upper

162 100

127 36.2 29.8 44.6

164 33.5 26.6 40.0



#48

2-Nitroaniline

Concen: 39.418 ng

RT: 14.060 min Scan# 1791

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

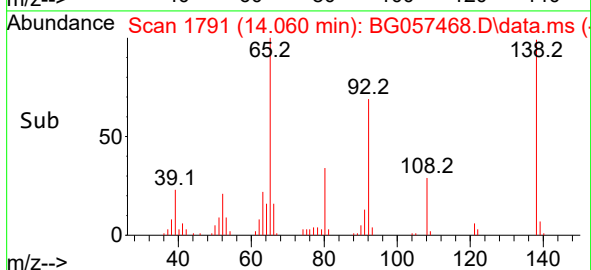
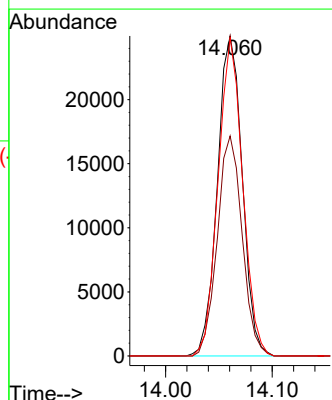
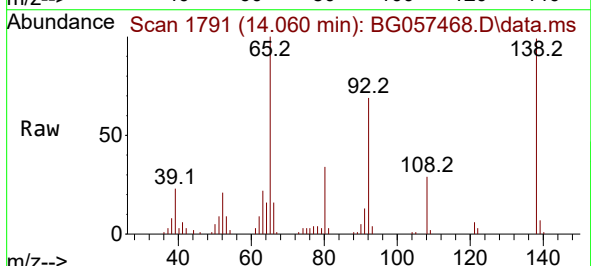
Tgt Ion: 65 Resp: 40355

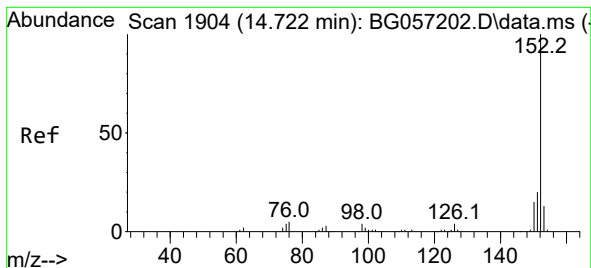
Ion Ratio Lower Upper

65 100

92 68.8 52.1 78.1

138 99.5 75.3 112.9





#49

Acenaphthylene

Concen: 40.804 ng

RT: 14.701 min Scan# 1900

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

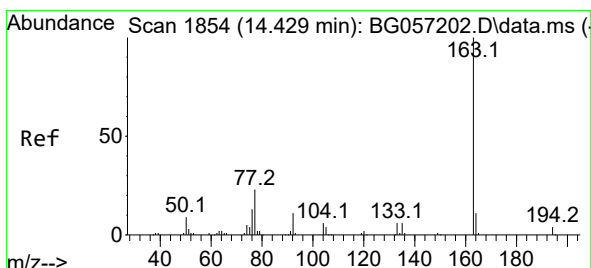
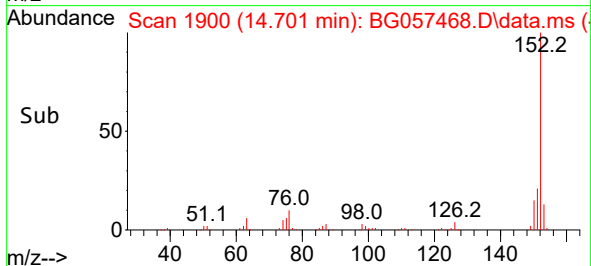
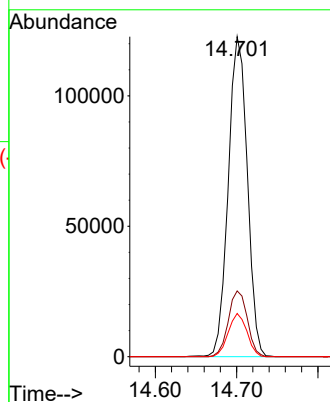
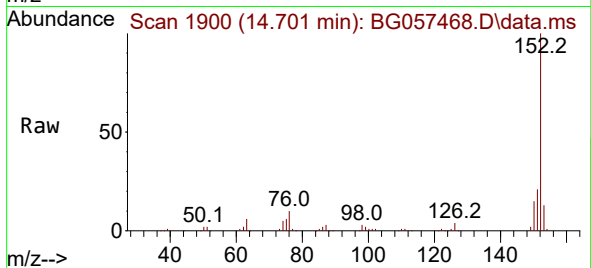
Tgt Ion:152 Resp: 199596

Ion Ratio Lower Upper

152 100

151 20.5 16.0 24.0

153 13.5 10.7 16.1



#50

Dimethylphthalate

Concen: 38.289 ng

RT: 14.413 min Scan# 1851

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

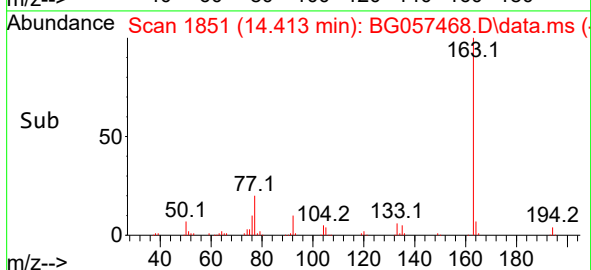
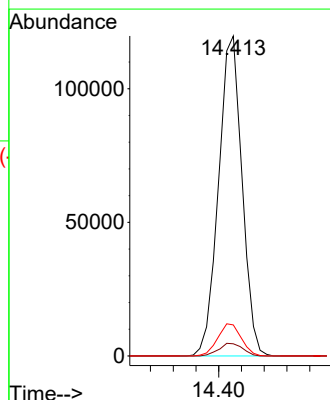
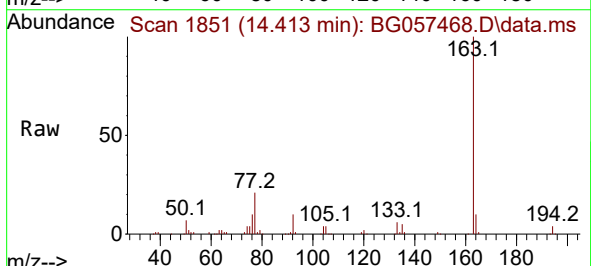
Tgt Ion:163 Resp: 171686

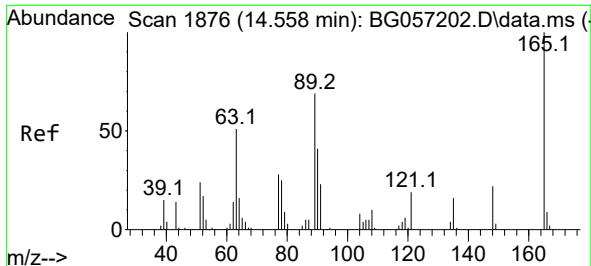
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

164 9.7 8.8 13.2

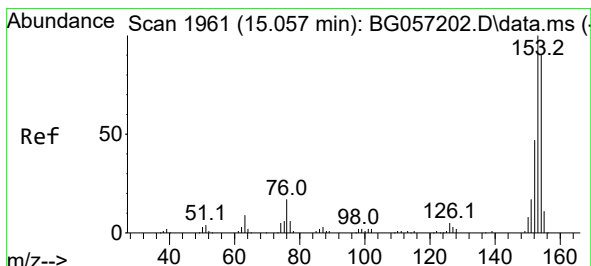
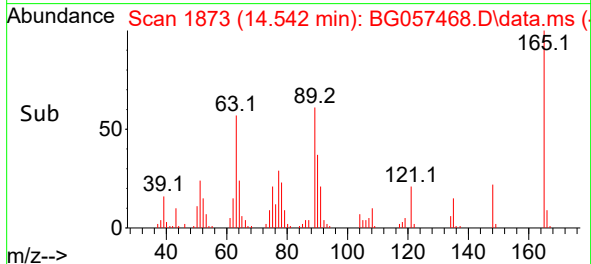
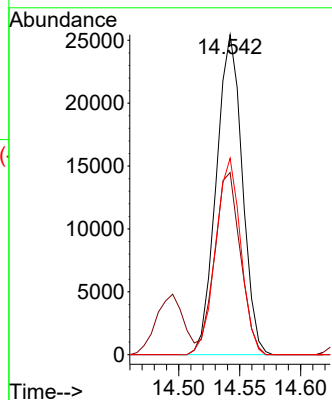
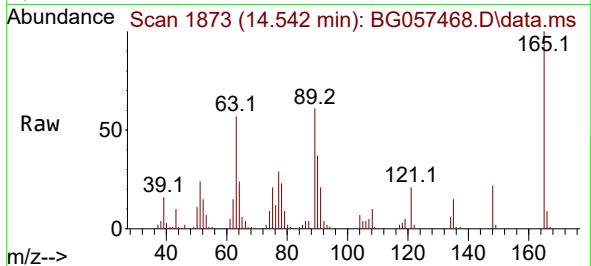




#51
2,6-Dinitrotoluene
Concen: 41.247 ng
RT: 14.542 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

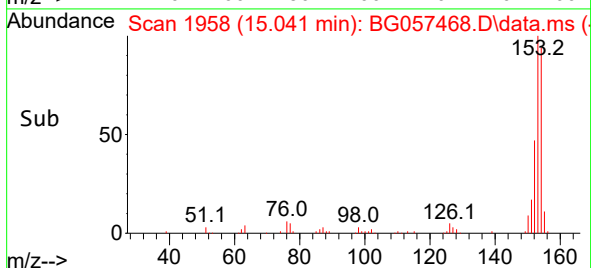
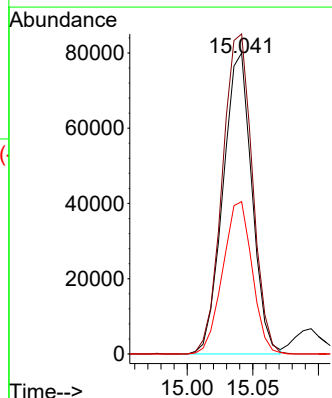
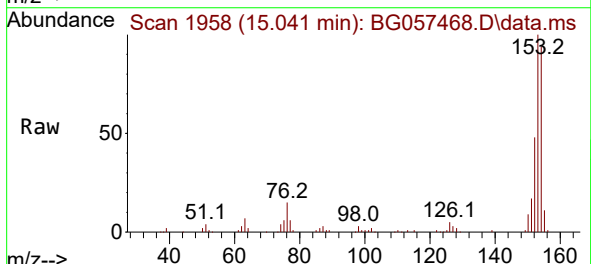
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

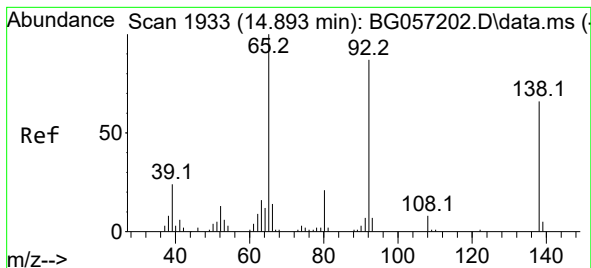
Tgt Ion:165 Resp: 37762
Ion Ratio Lower Upper
165 100
63 56.9 50.9 76.3
89 61.4 55.2 82.8



#52
Acenaphthene
Concen: 40.132 ng
RT: 15.041 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:154 Resp: 122671
Ion Ratio Lower Upper
154 100
153 106.3 89.3 133.9
152 50.6 41.7 62.5





#53

3-Nitroaniline

Concen: 39.577 ng

RT: 14.877 min Scan# 1930

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

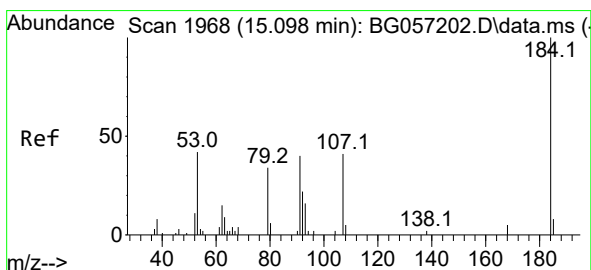
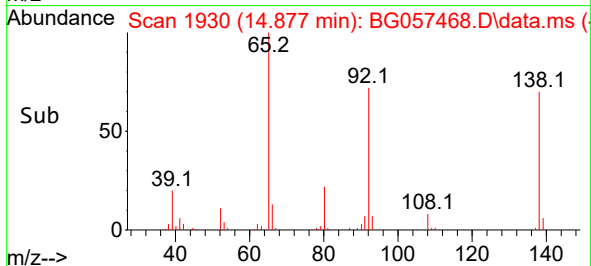
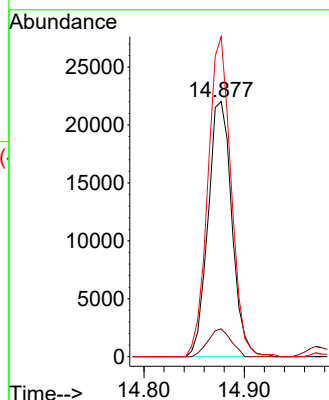
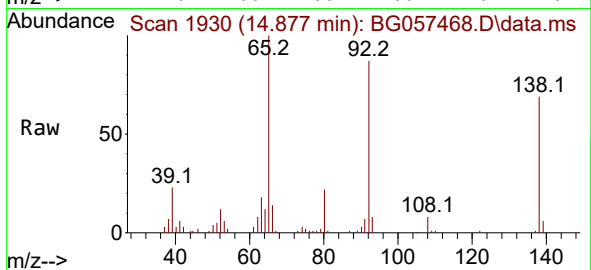
Tgt Ion:138 Resp: 36299

Ion Ratio Lower Upper

138 100

108 10.9 9.5 14.3

92 125.4 106.2 159.4



#54

2,4-Dinitrophenol

Concen: 34.387 ng

RT: 15.094 min Scan# 1967

Delta R.T. 0.006 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

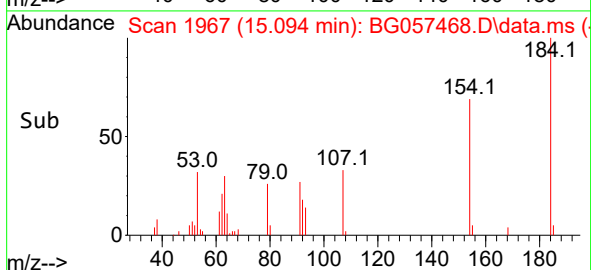
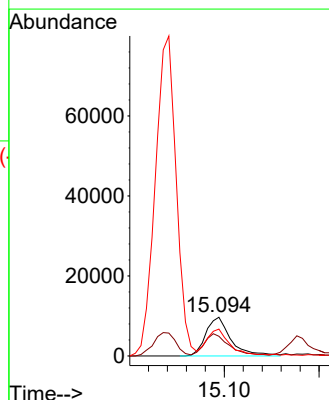
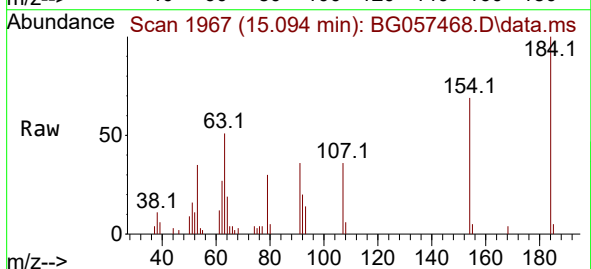
Tgt Ion:184 Resp: 17803

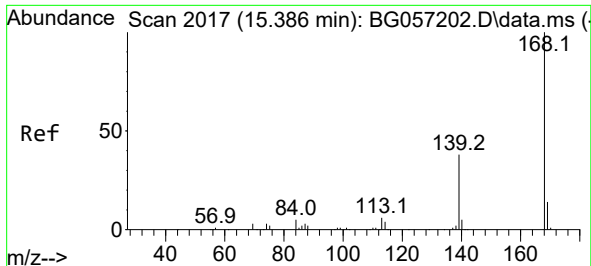
Ion Ratio Lower Upper

184 100

63 50.9 48.2 72.4

154 69.3 55.4 83.2

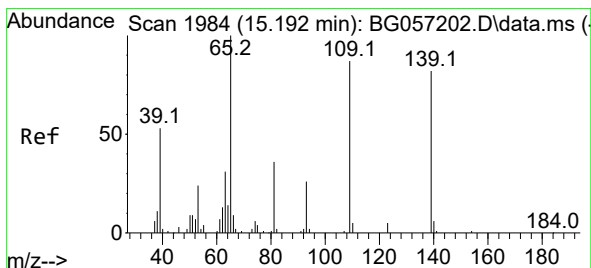
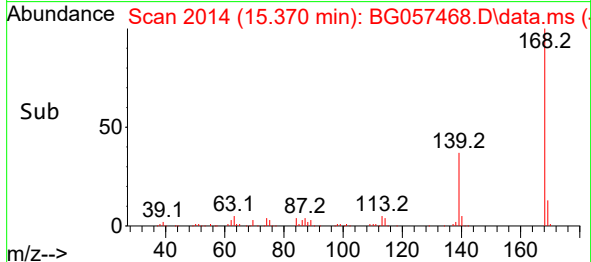
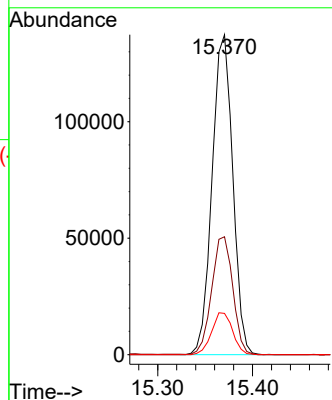
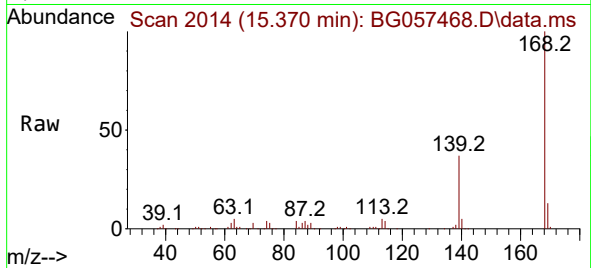




#55
Dibenzofuran
Concen: 40.427 ng
RT: 15.370 min Scan# 2017
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

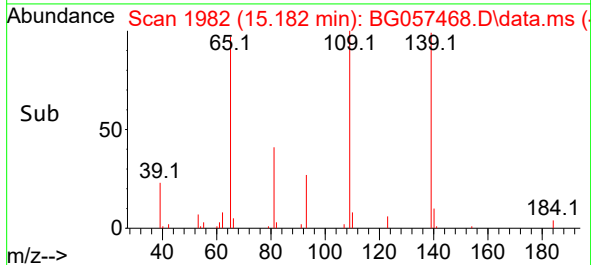
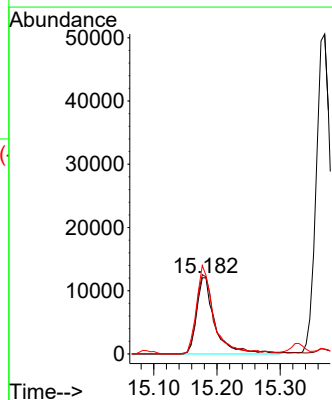
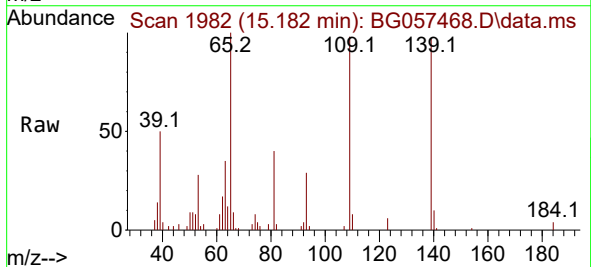
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

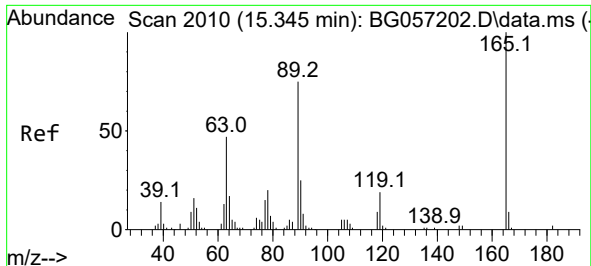
Tgt Ion:168 Resp: 207627
Ion Ratio Lower Upper
168 100
139 36.8 30.7 46.1
169 12.9 10.9 16.3



#56
4-Nitrophenol
Concen: 39.579 ng
RT: 15.182 min Scan# 1982
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:139 Resp: 24144
Ion Ratio Lower Upper
139 100
109 101.2 86.6 126.6
65 103.3 102.6 142.6

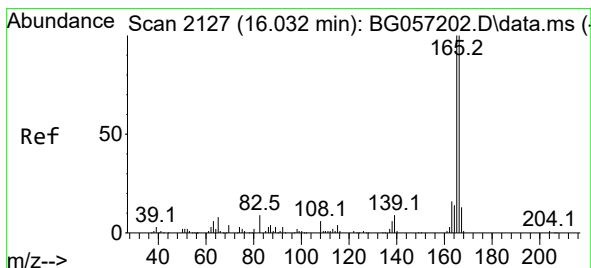
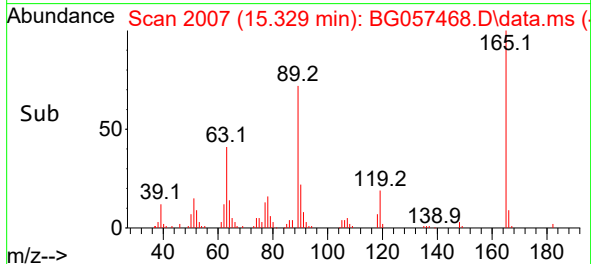
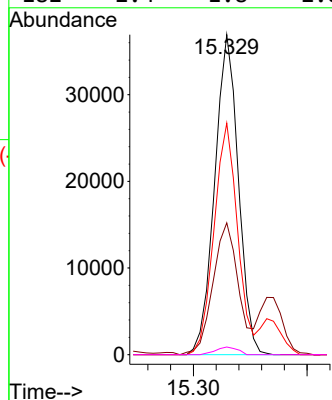
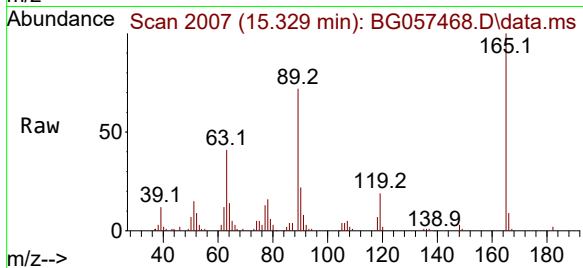




#57
2,4-Dinitrotoluene
Concen: 40.881 ng
RT: 15.329 min Scan# 2010
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

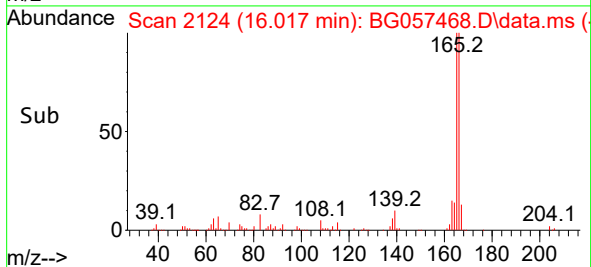
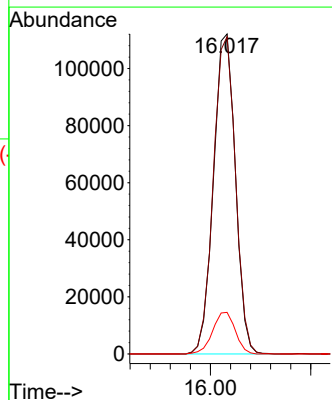
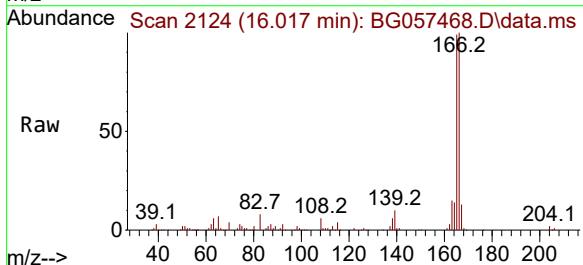
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

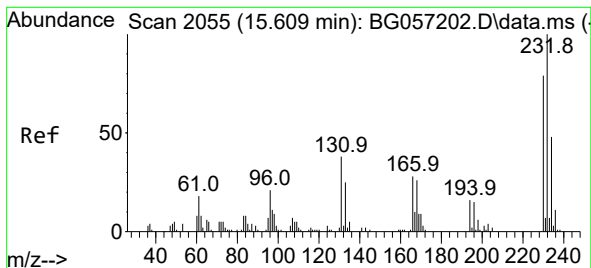
Tgt Ion:165	Resp:	53490
Ion Ratio	Lower	Upper
165	100	
63	41.2	37.5 56.3
89	72.3	60.2 90.4
182	2.4	1.8 2.8



#58
Fluorene
Concen: 40.064 ng
RT: 16.017 min Scan# 2124
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:166	Resp:	169484
Ion Ratio	Lower	Upper
166	100	
165	99.1	80.1 120.1
167	13.0	10.2 15.2

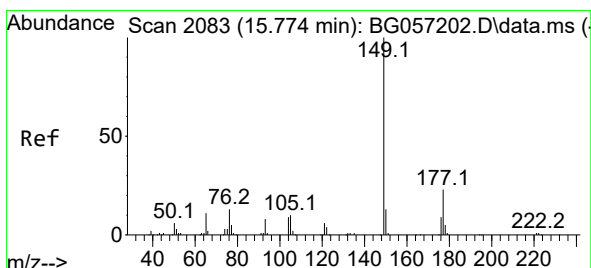
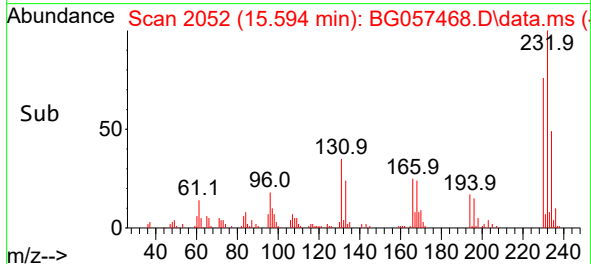
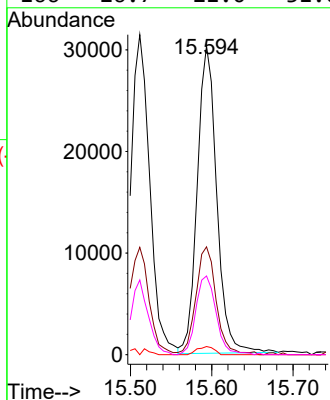
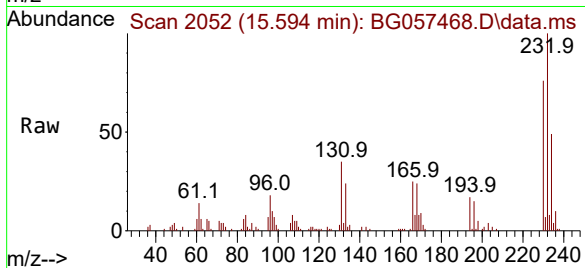




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.070 ng
RT: 15.594 min Scan# 2052
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

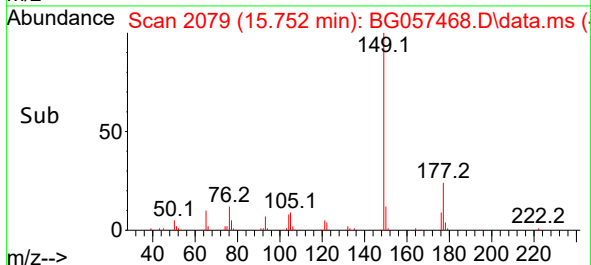
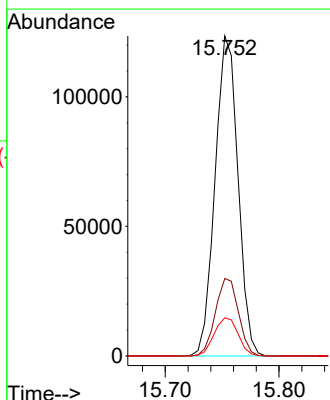
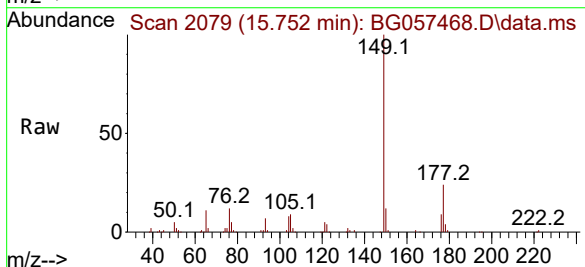
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

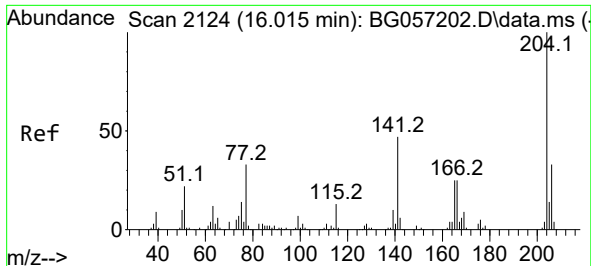
Tgt Ion:232 Resp: 50432
Ion Ratio Lower Upper
232 100
131 36.6 28.6 42.8
130 2.3 1.6 2.4
166 26.7 21.0 31.6



#60
Diethylphthalate
Concen: 37.948 ng
RT: 15.752 min Scan# 2079
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:149 Resp: 172802
Ion Ratio Lower Upper
149 100
177 24.2 18.3 27.5
150 11.9 10.1 15.1

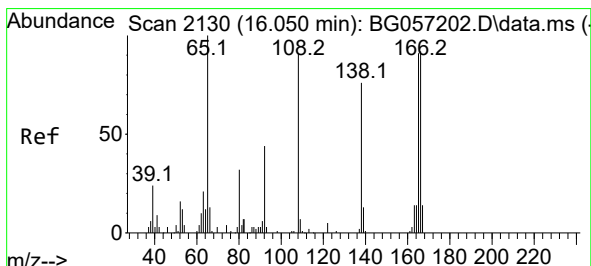
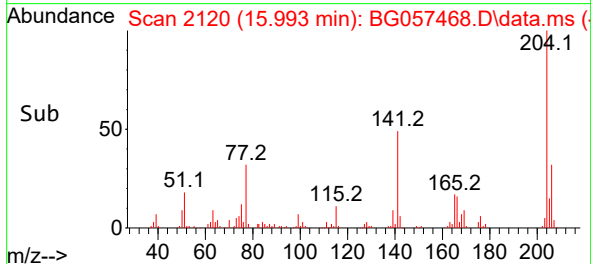
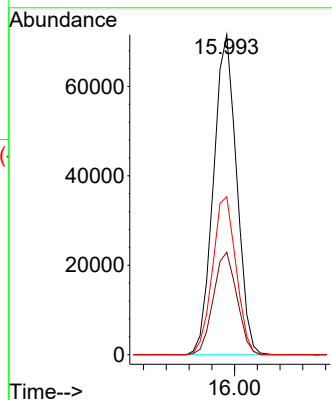
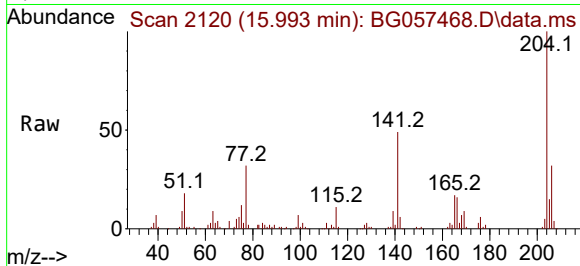




#61
4-Chlorophenyl-phenylether
Concen: 39.769 ng
RT: 15.993 min Scan# 2120
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

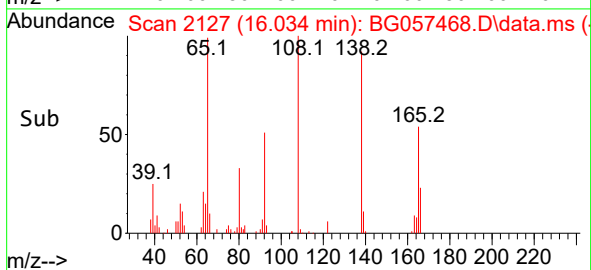
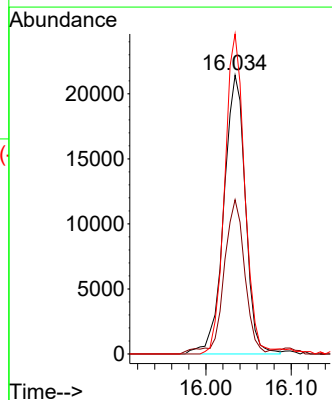
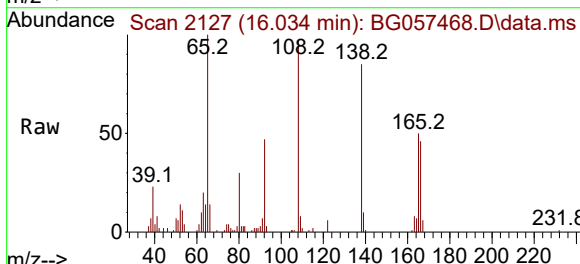
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

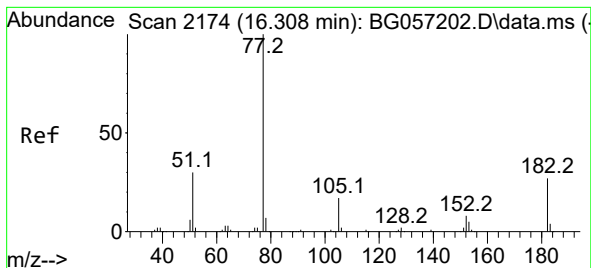
Tgt Ion:204 Resp: 101349
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 49.4 37.4 56.0



#62
4-Nitroaniline
Concen: 40.706 ng
RT: 16.034 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:138 Resp: 37664
Ion Ratio Lower Upper
138 100
92 55.4 38.2 78.2
108 114.8 99.6 139.6





#63

Azobenzene

Concen: 36.252 ng

RT: 16.287 min Scan# 2174

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 159278

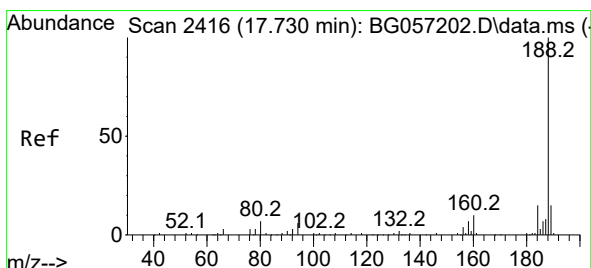
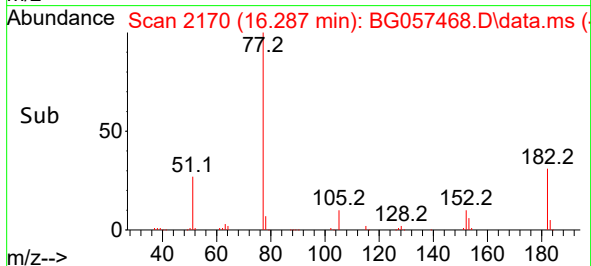
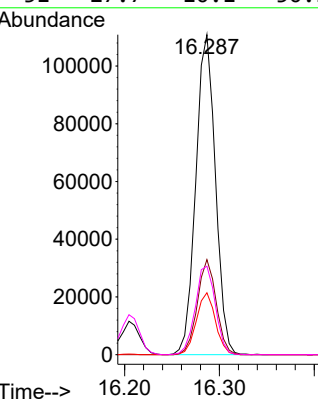
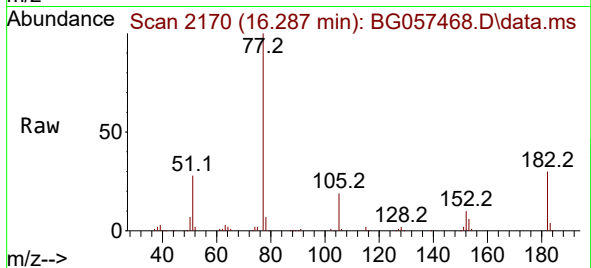
Ion Ratio Lower Upper

77 100

182 29.7 7.4 47.4

105 19.4 0.0 37.2

51 27.7 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.714 min Scan# 2413

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

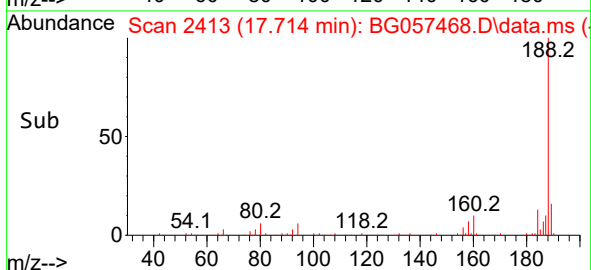
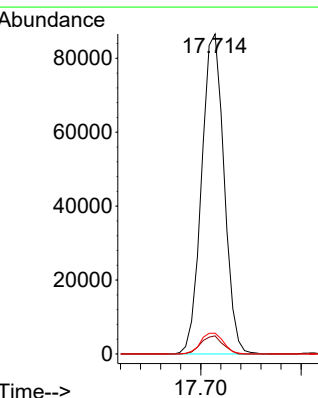
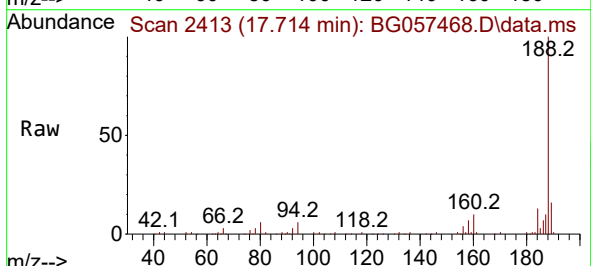
Tgt Ion:188 Resp: 134459

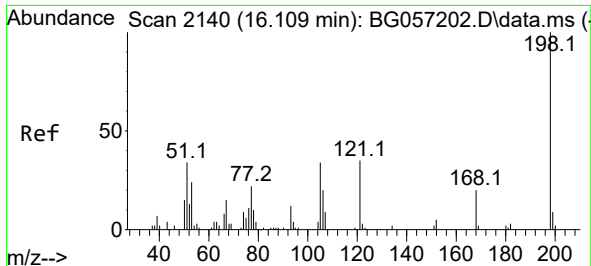
Ion Ratio Lower Upper

188 100

94 5.7 5.1 7.7

80 6.5 5.7 8.5

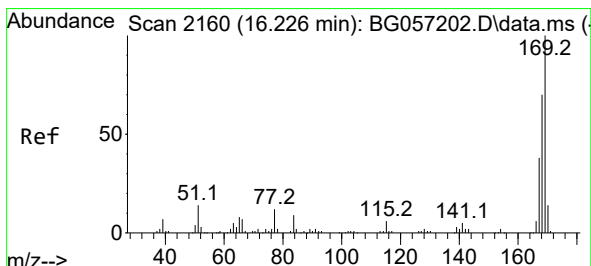
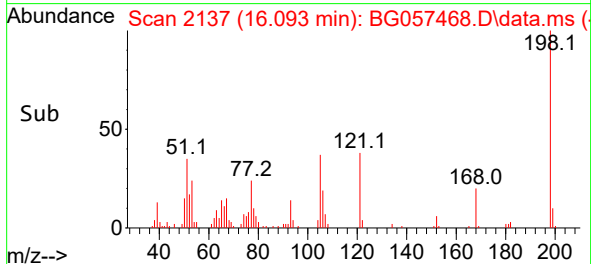
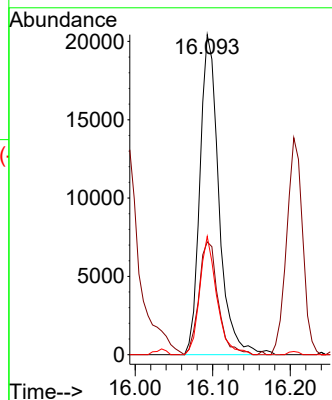
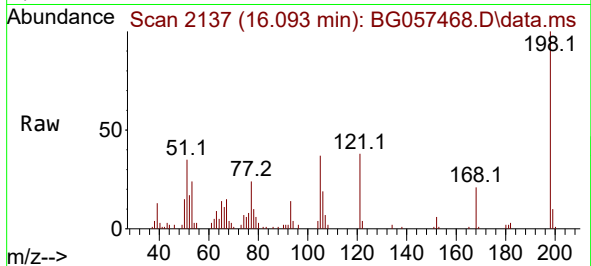




#65
4,6-Dinitro-2-methylphenol
Concen: 43.185 ng
RT: 16.093 min Scan# 2140
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

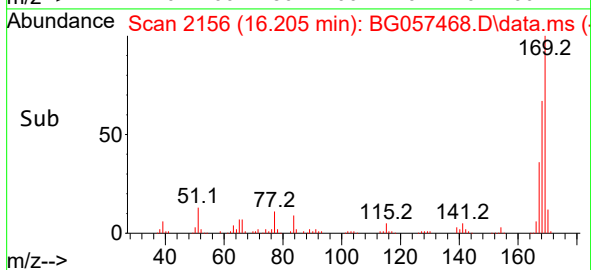
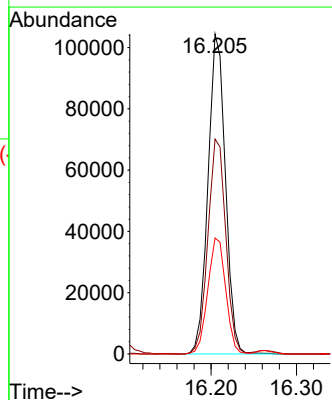
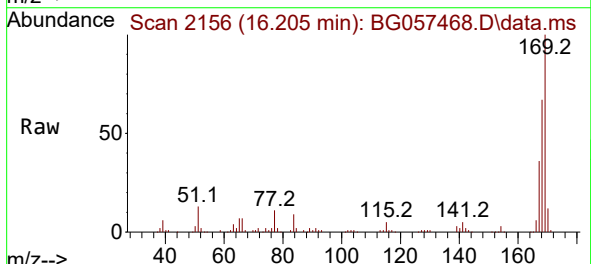
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 34668
Ion Ratio Lower Upper
198 100
51 35.2 16.1 56.1
105 37.0 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 40.543 ng
RT: 16.205 min Scan# 2156
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:169 Resp: 148060
Ion Ratio Lower Upper
169 100
168 67.2 56.2 84.4
167 36.3 30.2 45.4

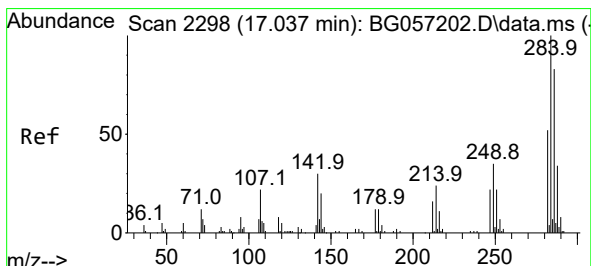
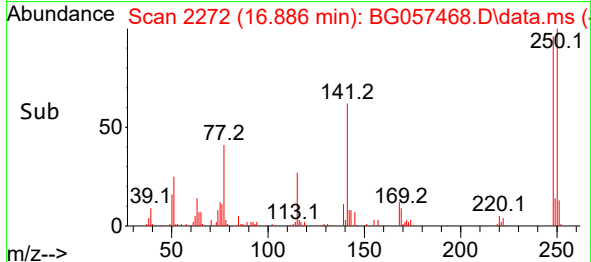
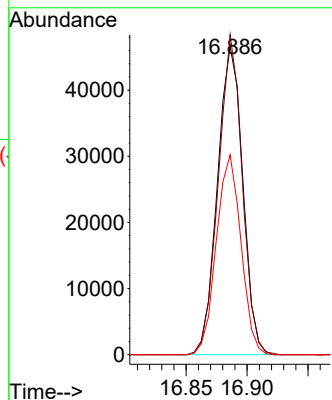
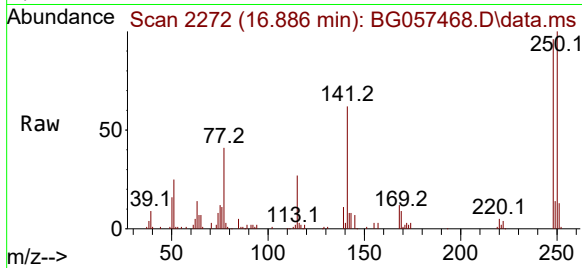




#67
4-Bromophenyl-phenylether
Concen: 40.966 ng
RT: 16.886 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

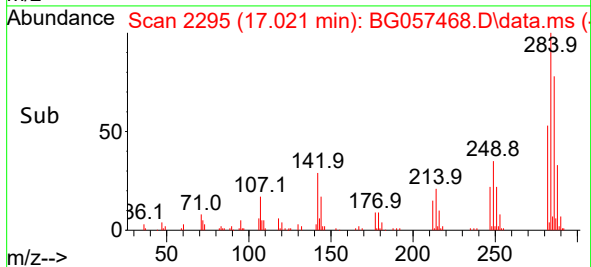
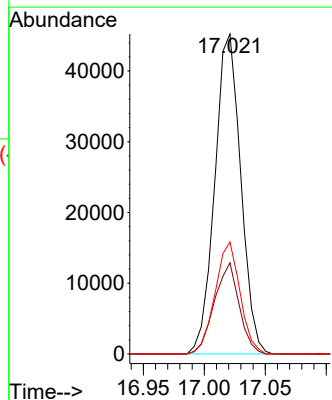
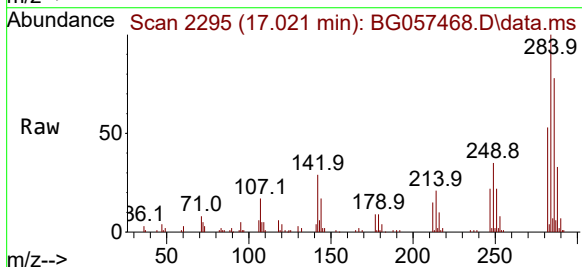
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

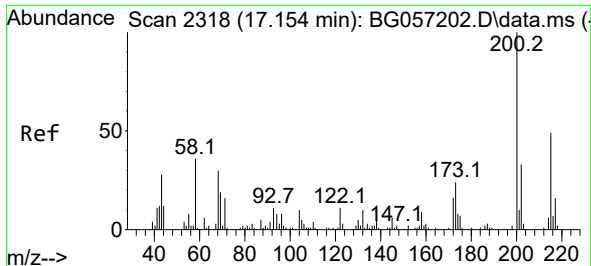
Tgt Ion:248 Resp: 67241
Ion Ratio Lower Upper
248 100
250 103.8 77.0 115.6
141 64.8 48.6 72.8



#68
Hexachlorobenzene
Concen: 42.027 ng
RT: 17.021 min Scan# 2295
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:284 Resp: 67036
Ion Ratio Lower Upper
284 100
142 28.5 23.9 35.9
249 35.0 27.7 41.5

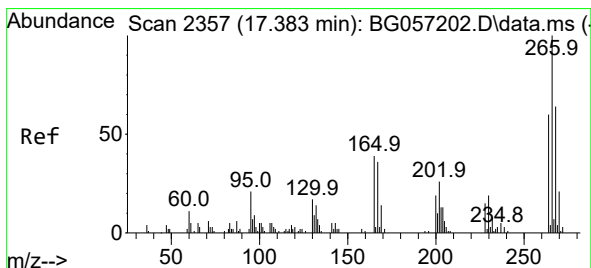
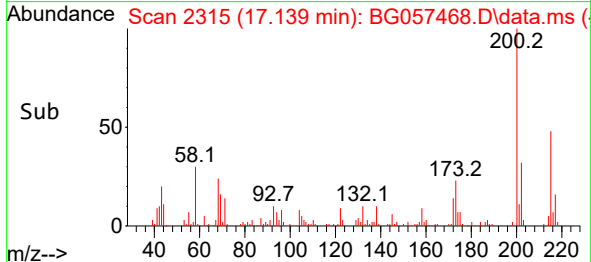
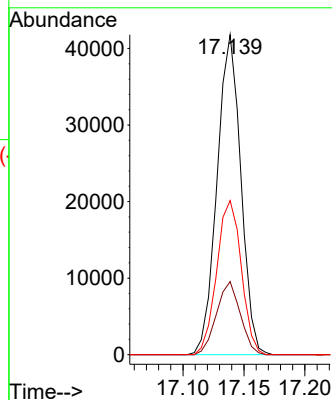
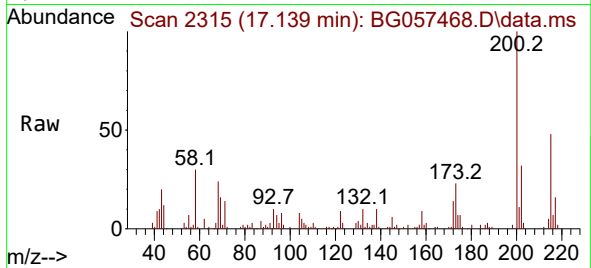




#69
 Atrazine
 Concen: 40.655 ng
 RT: 17.139 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057468.D
 Acq: 19 May 2023 15:18

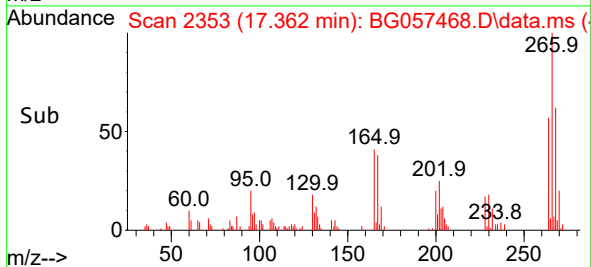
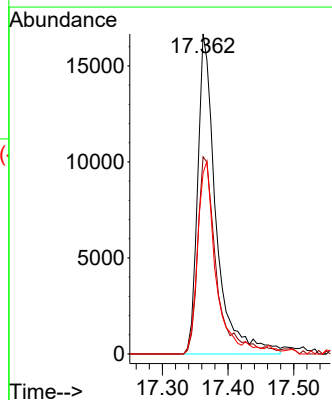
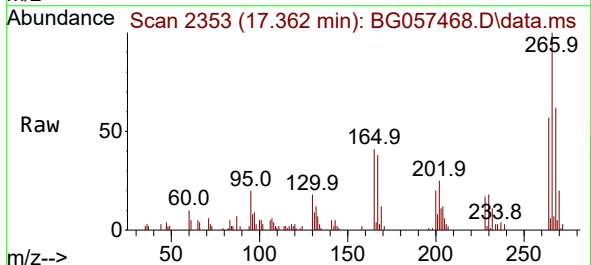
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

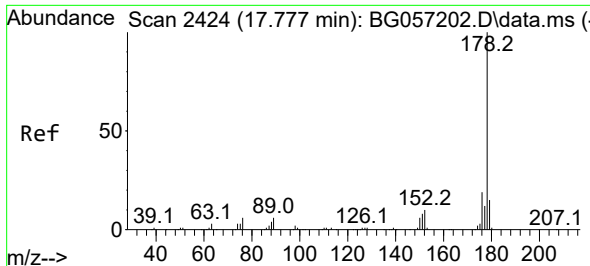
Tgt Ion:200 Resp: 56636
 Ion Ratio Lower Upper
 200 100
 173 22.9 4.3 44.3
 215 48.1 29.3 69.3



#70
 Pentachlorophenol
 Concen: 35.280 ng
 RT: 17.362 min Scan# 2353
 Delta R.T. -0.005 min
 Lab File: BG057468.D
 Acq: 19 May 2023 15:18

Tgt Ion:266 Resp: 32432
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.0 76.6
 264 56.5 47.8 71.6

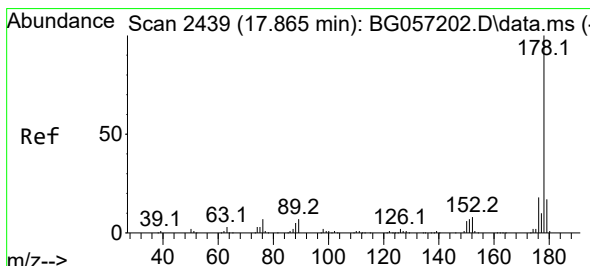
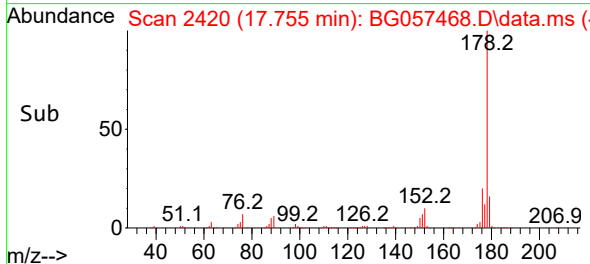
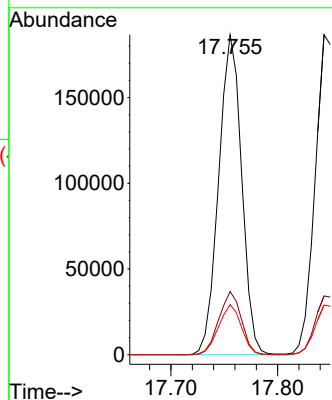
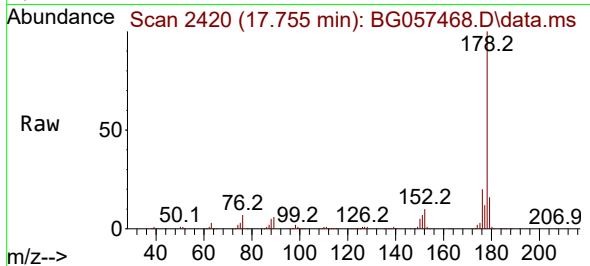




#71
Phenanthrene
Concen: 40.436 ng
RT: 17.755 min Scan# 2424
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

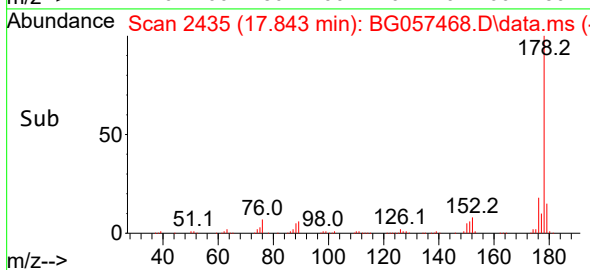
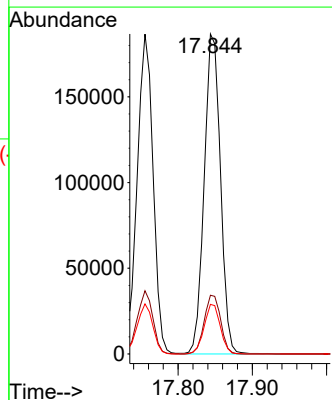
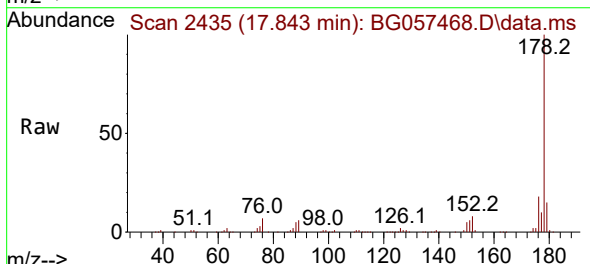
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

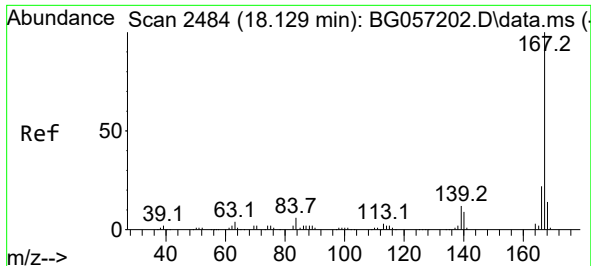
Tgt Ion:178 Resp: 278603
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.7 12.3 18.5



#72
Anthracene
Concen: 40.192 ng
RT: 17.843 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

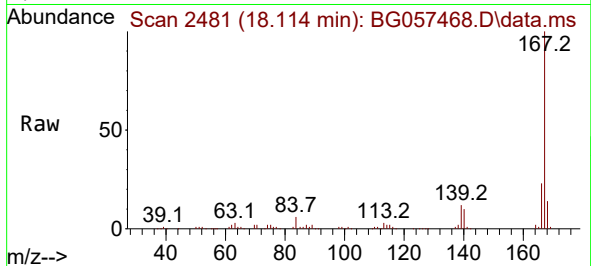
Tgt Ion:178 Resp: 284140
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 13.2 19.8



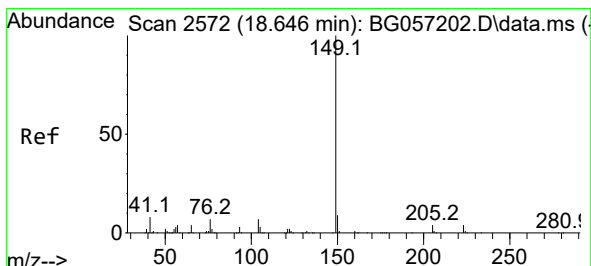
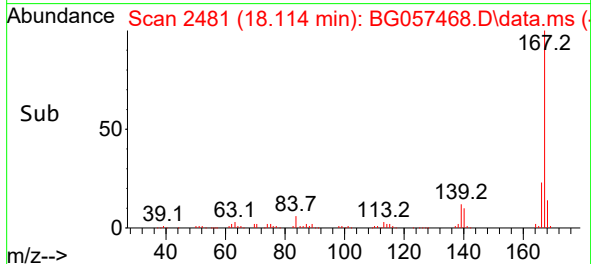
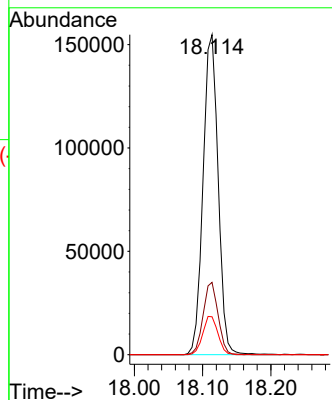


#73
 Carbazole
 Concen: 39.996 ng
 RT: 18.114 min Scan# 2484
 Delta R.T. 0.001 min
 Lab File: BG057468.D
 Acq: 19 May 2023 15:18

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

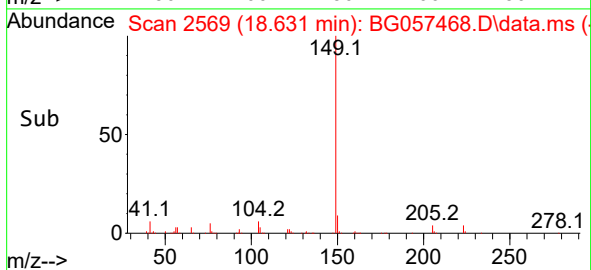
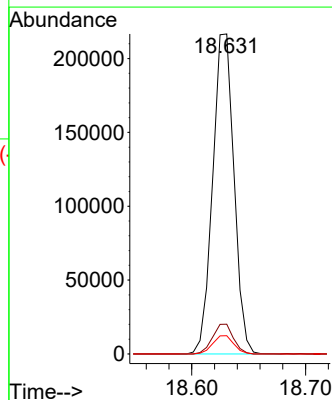
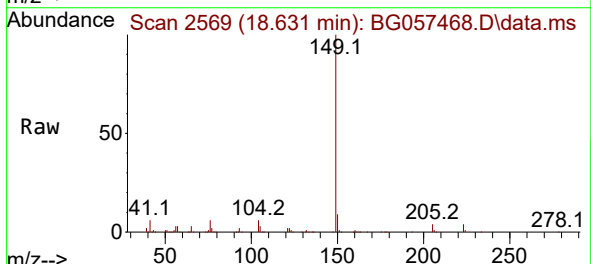


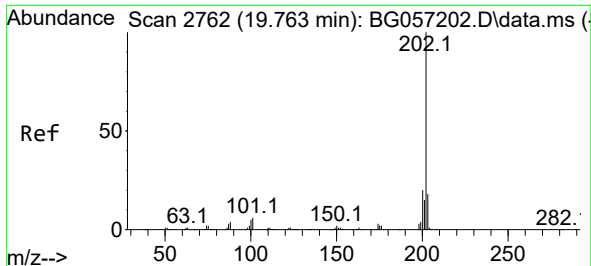
Tgt Ion:167 Resp: 238047
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.0
 139 11.9 9.6 14.4



#74
 Di-n-butylphthalate
 Concen: 41.219 ng
 RT: 18.631 min Scan# 2569
 Delta R.T. 0.001 min
 Lab File: BG057468.D
 Acq: 19 May 2023 15:18

Tgt Ion:149 Resp: 282255
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.7 5.4 8.2

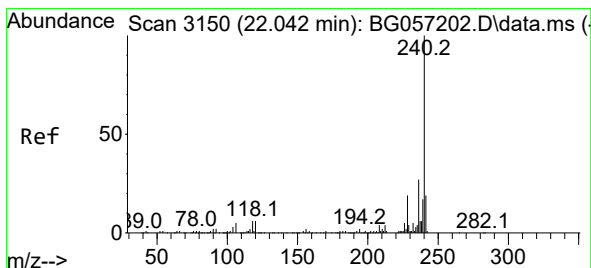
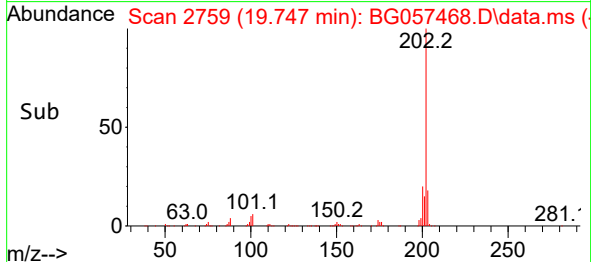
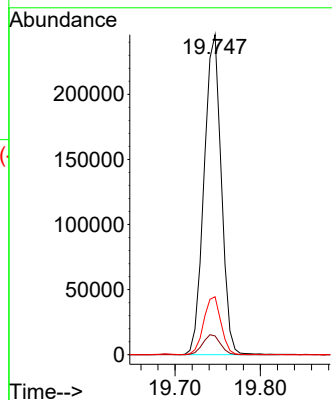
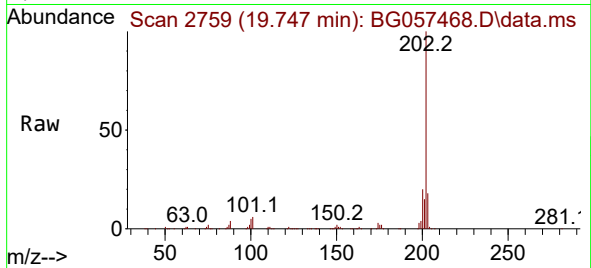




#75
 Fluoranthene
 Concen: 40.243 ng
 RT: 19.747 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057468.D
 Acq: 19 May 2023 15:18

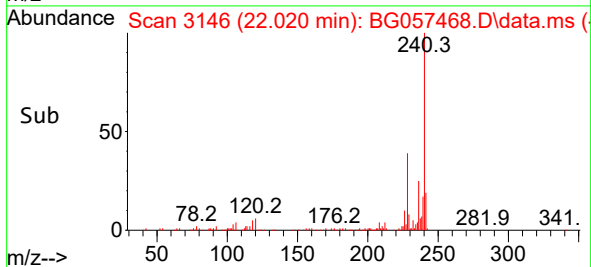
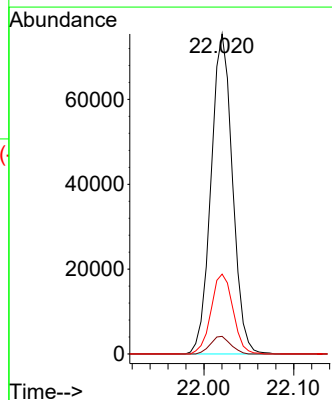
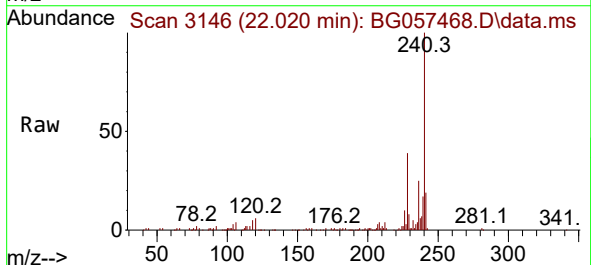
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

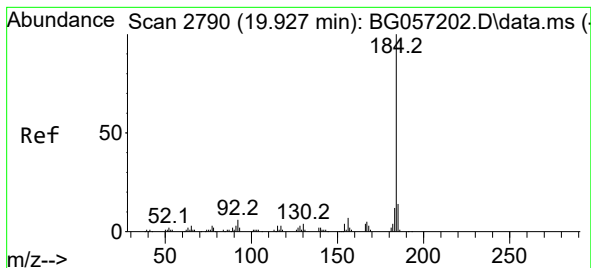
Tgt Ion:202 Resp: 344854
 Ion Ratio Lower Upper
 202 100
 101 5.9 0.0 26.2
 203 18.1 0.0 37.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.020 min Scan# 3146
 Delta R.T. 0.001 min
 Lab File: BG057468.D
 Acq: 19 May 2023 15:18

Tgt Ion:240 Resp: 124992
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.9 7.3
 236 24.9 21.4 32.2





#77

Benzidine

Concen: 29.623 ng

RT: 19.911 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

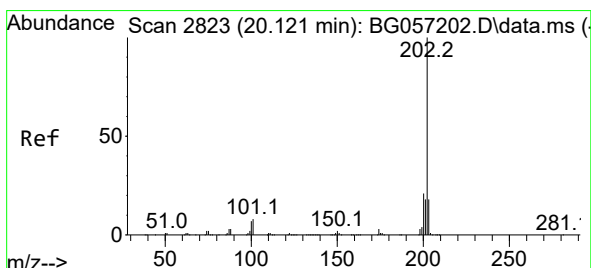
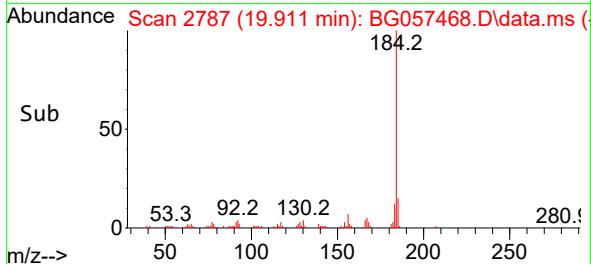
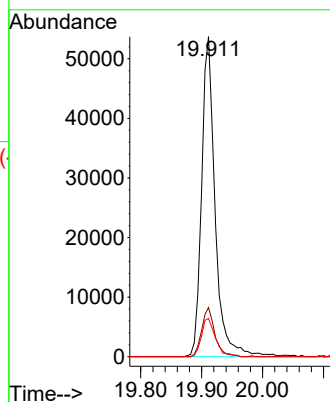
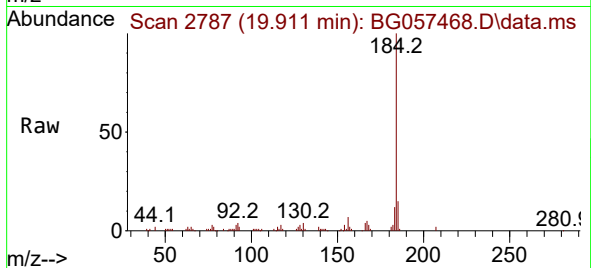
Tgt Ion:184 Resp: 82779

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

183 12.0 9.9 14.9



#78

Pyrene

Concen: 38.470 ng

RT: 20.105 min Scan# 2820

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

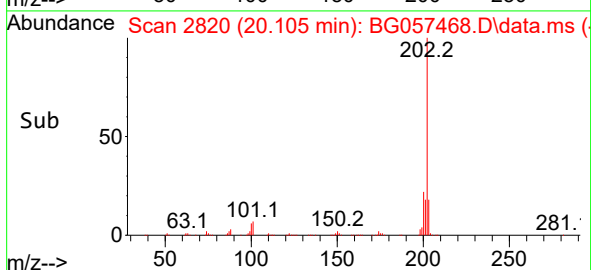
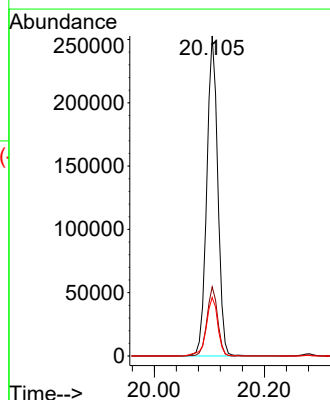
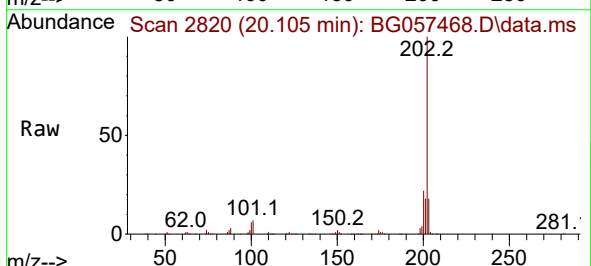
Tgt Ion:202 Resp: 349410

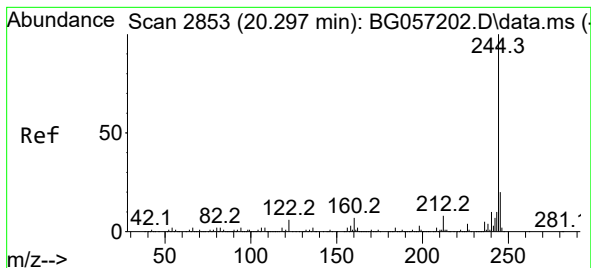
Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.4

203 18.3 14.2 21.4





#79

Terphenyl-d14

Concen: 76.336 ng

RT: 20.281 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

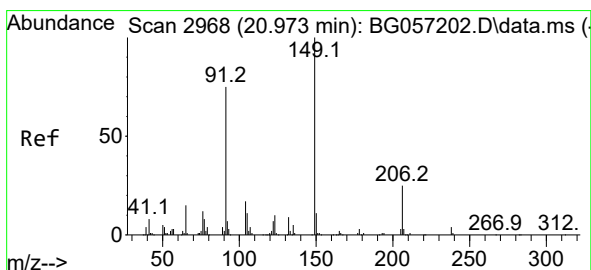
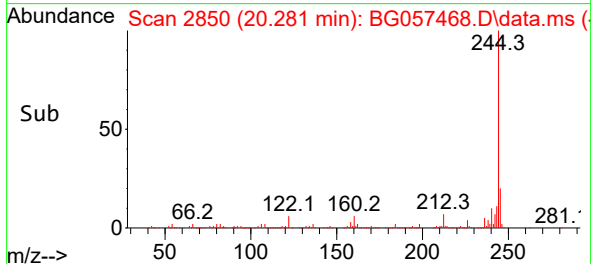
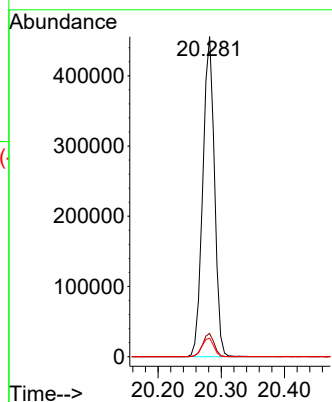
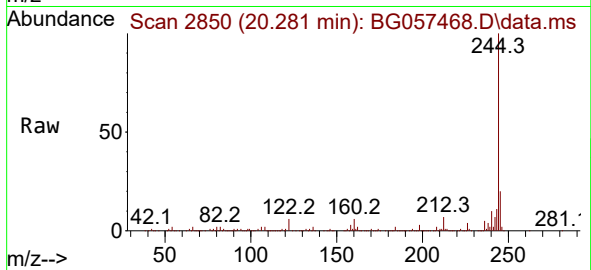
Tgt Ion:244 Resp: 584669

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 5.8 5.1 7.7



#80

Butylbenzylphthalate

Concen: 42.938 ng

RT: 20.957 min Scan# 2965

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

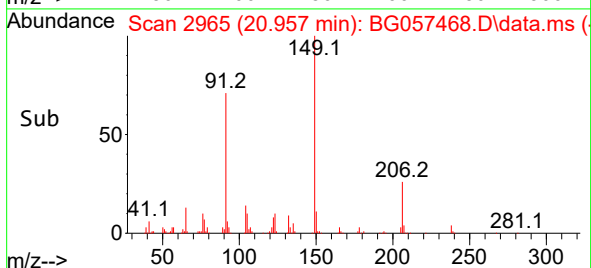
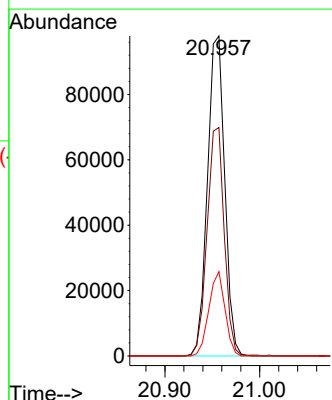
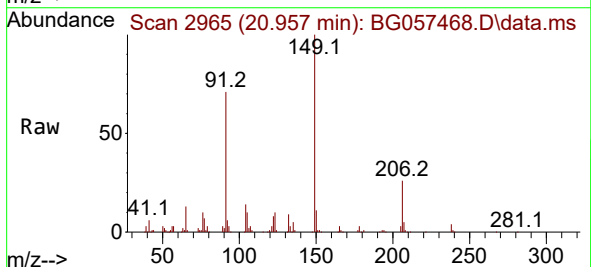
Tgt Ion:149 Resp: 123743

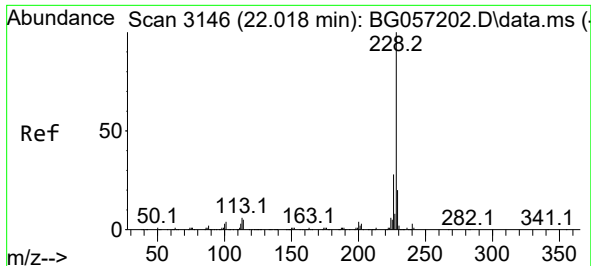
Ion Ratio Lower Upper

149 100

91 71.4 59.7 89.5

206 26.4 19.7 29.5

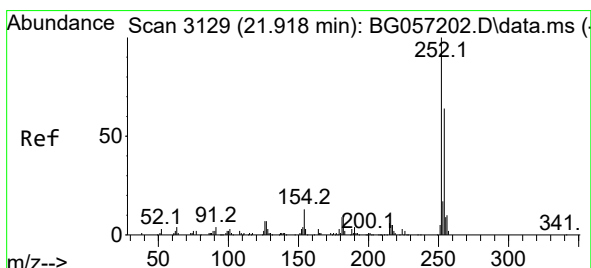
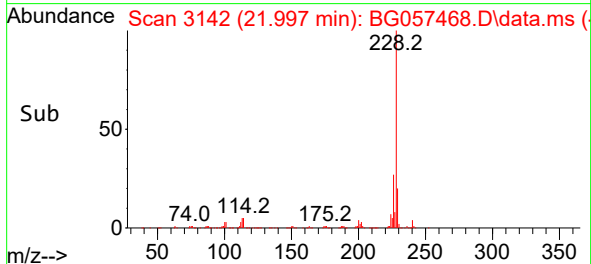
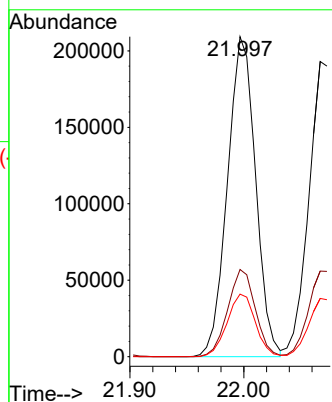
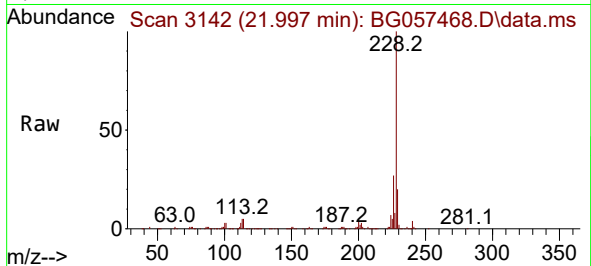




#81
Benzo(a)anthracene
Concen: 40.284 ng
RT: 21.997 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

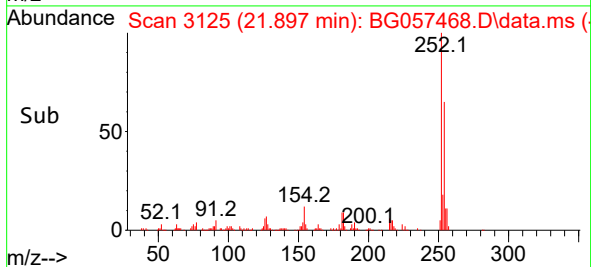
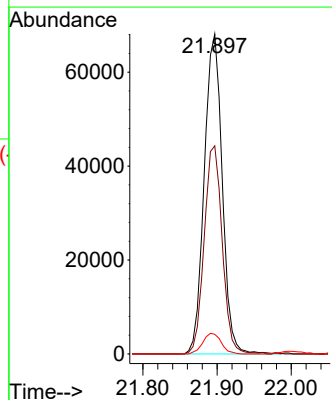
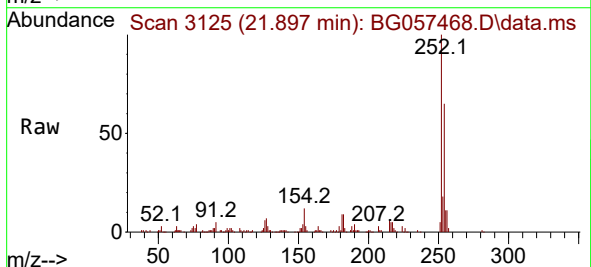
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

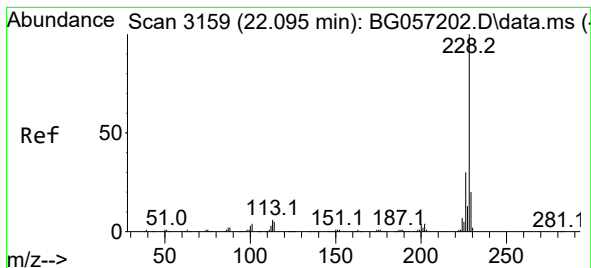
Tgt Ion:228 Resp: 358738
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 40.254 ng
RT: 21.897 min Scan# 3125
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:252 Resp: 114819
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.0
126 6.1 5.9 8.9





#83

Chrysene

Concen: 40.277 ng

RT: 22.067 min Scan# 3116

Delta R.T. -0.005 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

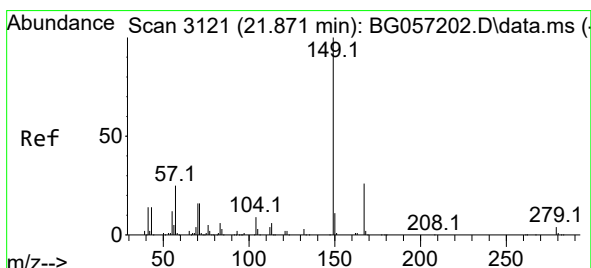
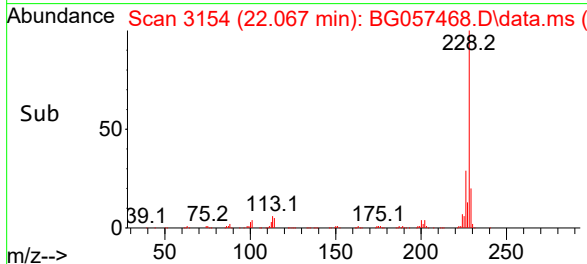
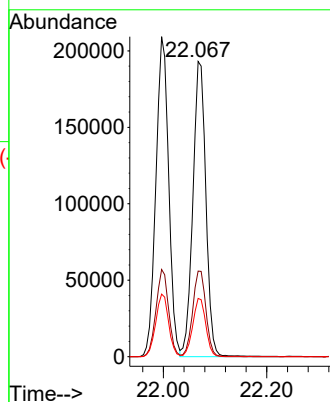
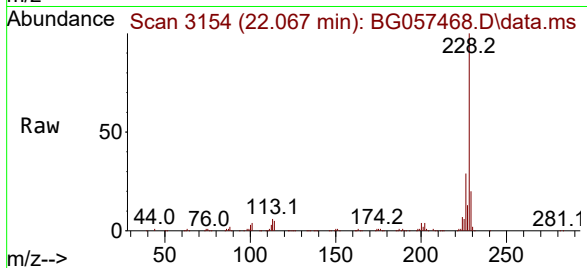
Tgt Ion:228 Resp: 337477

Ion Ratio Lower Upper

228 100

226 29.0 24.3 36.5

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.304 ng

RT: 21.844 min Scan# 3116

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

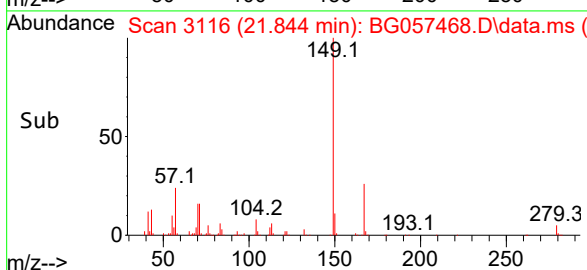
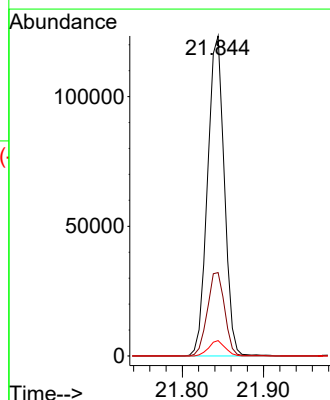
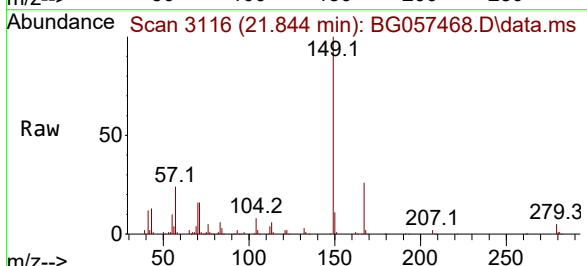
Tgt Ion:149 Resp: 176117

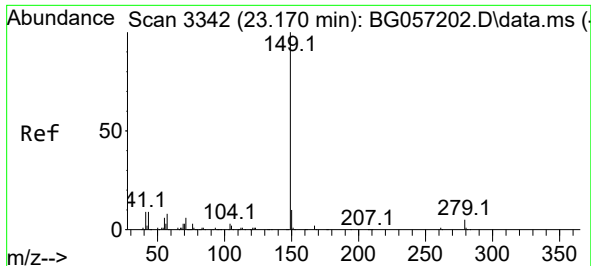
Ion Ratio Lower Upper

149 100

167 26.1 21.2 31.8

279 4.8 3.5 5.3

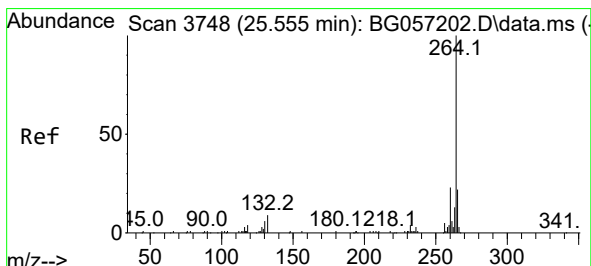
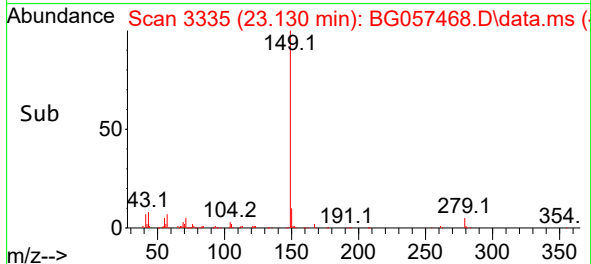
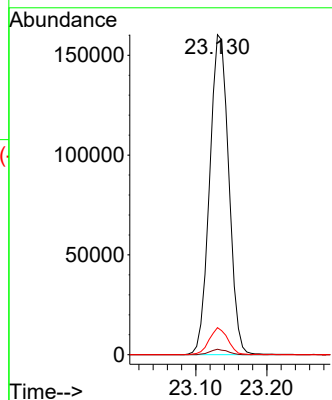
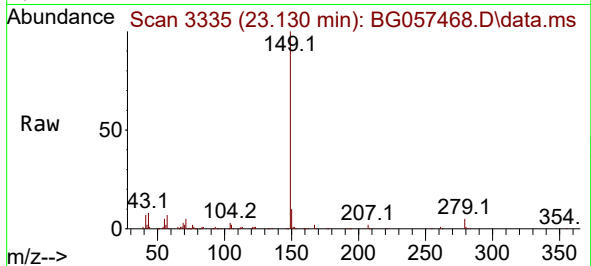




#85
Di-n-octyl phthalate
Concen: 42.088 ng
RT: 23.130 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

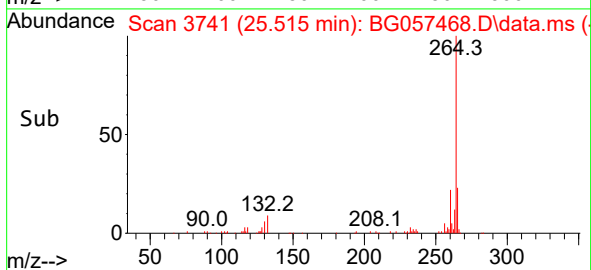
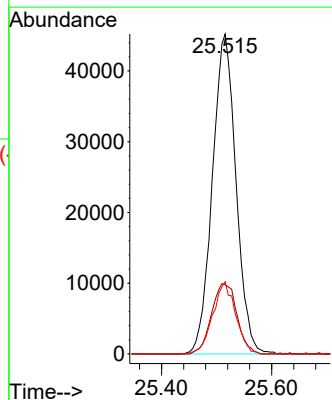
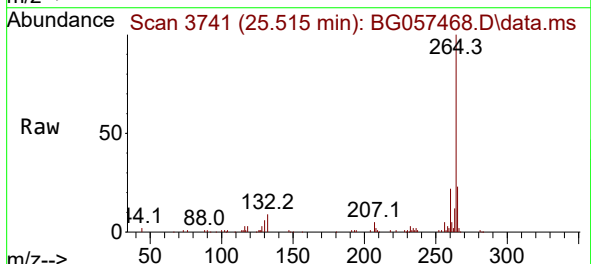
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

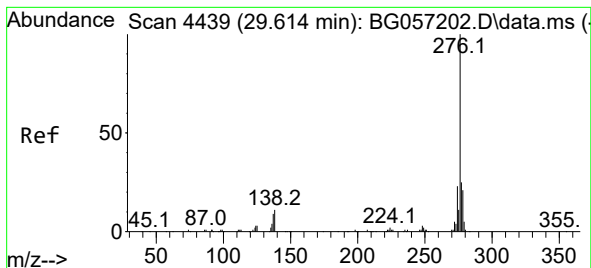
Tgt Ion:149 Resp: 299179
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.515 min Scan# 3741
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:264 Resp: 134794
Ion Ratio Lower Upper
264 100
260 21.6 18.8 28.2
265 22.6 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.498 ng

RT: 29.563 min Scan# 4439

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

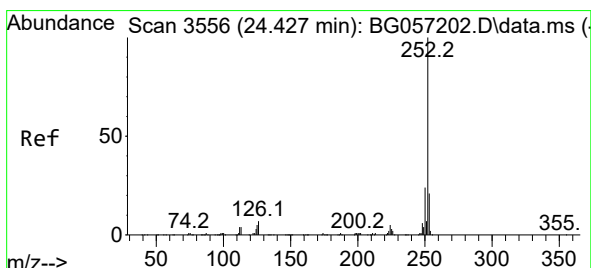
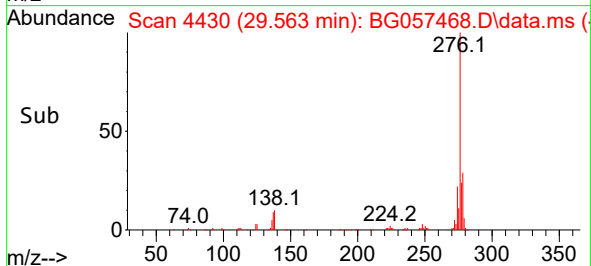
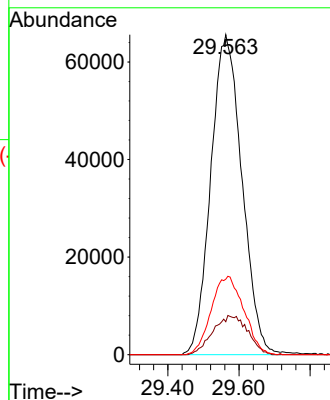
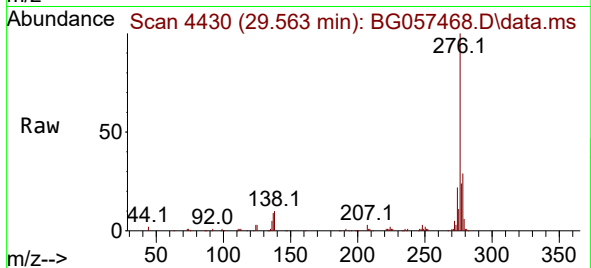
Tgt Ion:276 Resp: 397853

Ion Ratio Lower Upper

276 100

138 13.7 5.4 8.0#

277 25.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 40.481 ng

RT: 24.393 min Scan# 3550

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

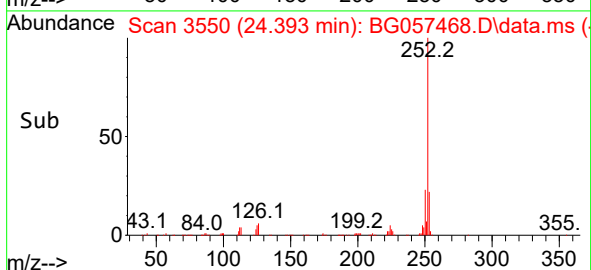
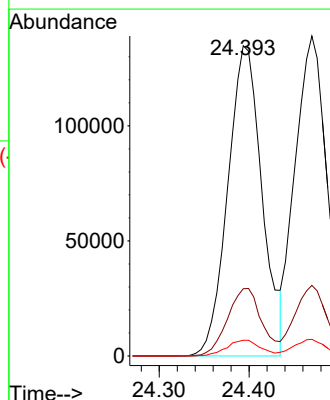
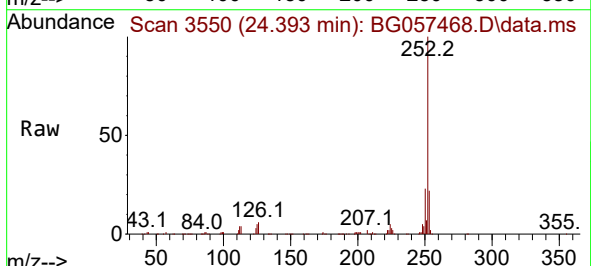
Tgt Ion:252 Resp: 356694

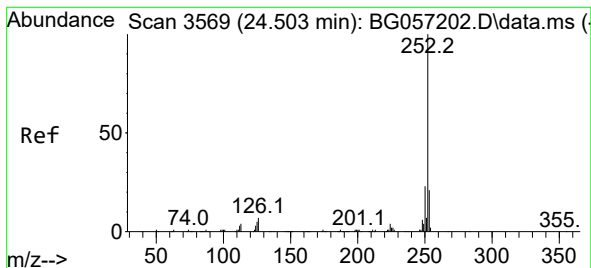
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 5.0 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 38.337 ng

RT: 24.470 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

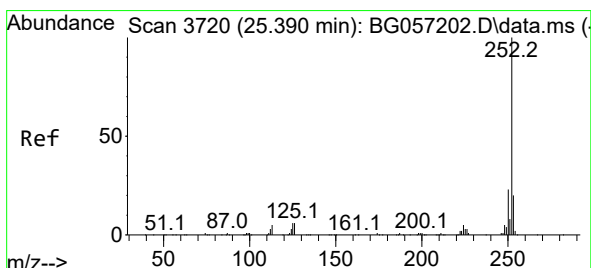
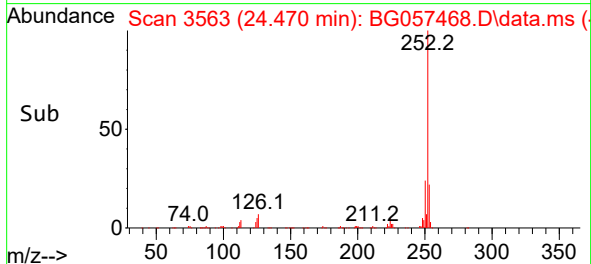
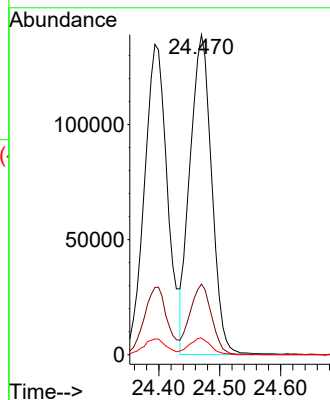
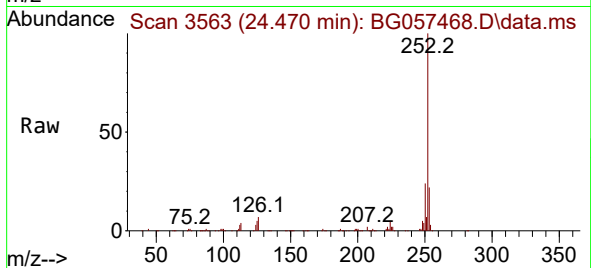
Tgt Ion:252 Resp: 343270

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 5.2 4.1 6.1



#90

Benzo(a)pyrene

Concen: 39.535 ng

RT: 25.351 min Scan# 3713

Delta R.T. -0.005 min

Lab File: BG057468.D

Acq: 19 May 2023 15:18

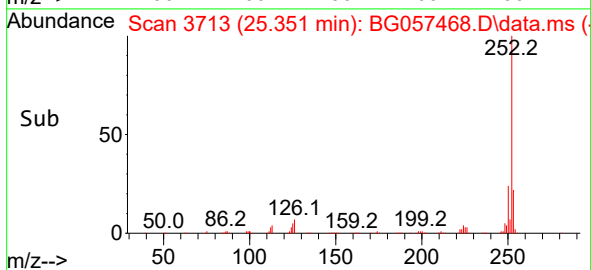
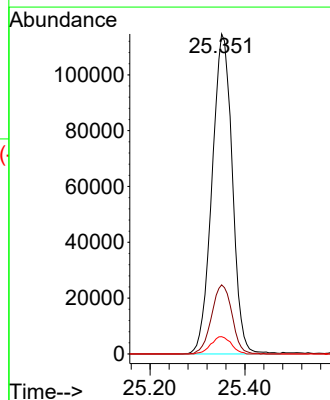
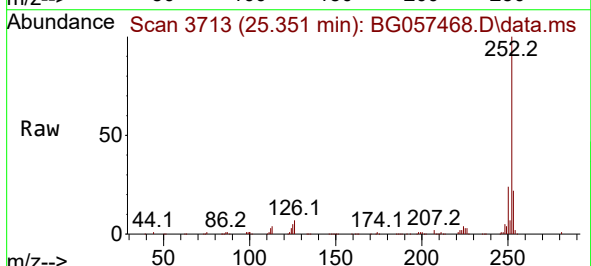
Tgt Ion:252 Resp: 340336

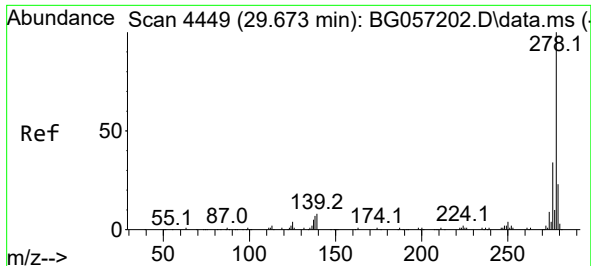
Ion Ratio Lower Upper

252 100

253 21.6 16.3 24.5

125 5.4 5.0 7.4

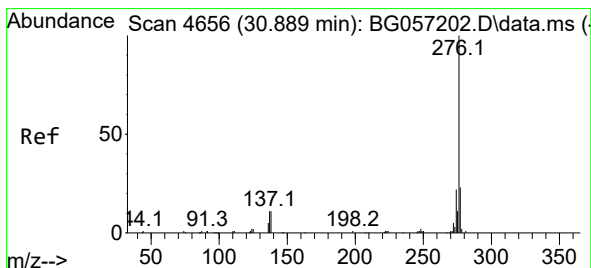
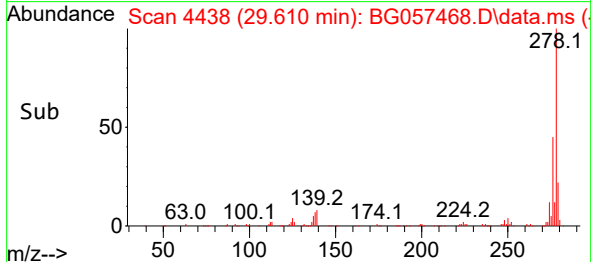
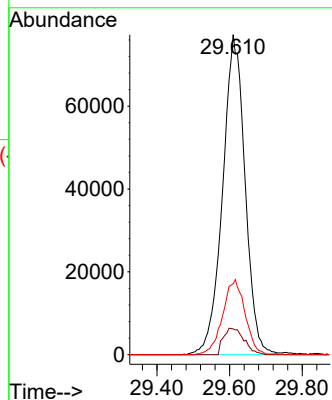
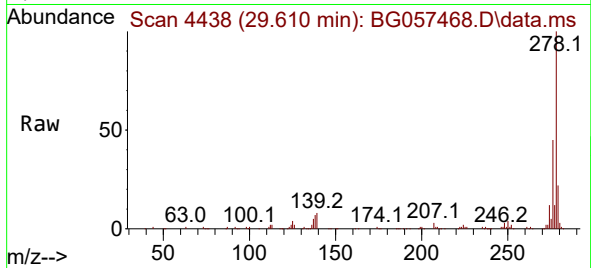




#91
Dibenzo(a,h)anthracene
Concen: 40.500 ng
RT: 29.610 min Scan# 4449
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 331342
Ion Ratio Lower Upper
278 100
139 8.1 6.2 9.2
279 22.1 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 40.560 ng
RT: 30.838 min Scan# 4647
Delta R.T. 0.001 min
Lab File: BG057468.D
Acq: 19 May 2023 15:18

Tgt Ion:276 Resp: 324011
Ion Ratio Lower Upper
276 100
277 22.8 18.4 27.6
138 11.0 9.0 13.4

