

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042023\
 Data File : BG057149.D
 Acq On : 20 Apr 2023 16:59
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042023

Quant Time: Apr 21 05:54:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 21 05:53:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.392	152	8142	20.000	ng	0.00
21) Naphthalene-d8	11.230	136	33488	20.000	ng	# 0.00
39) Acenaphthene-d10	15.007	164	26590	20.000	ng	0.00
64) Phenanthrene-d10	17.744	188	66466	20.000	ng	# 0.00
76) Chrysene-d12	22.056	240	86841	20.000	ng	0.00
86) Perylene-d12	25.575	264	91396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.902	112	37232	81.900	ng	0.00
7) Phenol-d6	7.529	99	58785	82.029	ng	0.00
23) Nitrobenzene-d5	9.573	82	64072	87.414	ng	0.00
42) 2,4,6-Tribromophenol	16.487	330	40538	87.758	ng	0.00
45) 2-Fluorobiphenyl	13.632	172	166316	82.927	ng	0.00
79) Terphenyl-d14	20.312	244	326380	58.172	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.711	88	12886	53.003	ng	98
3) Pyridine	4.128	79	23874	39.897	ng	97
4) n-Nitrosodimethylamine	4.039	42	13265	40.785	ng	# 95
6) Aniline	7.699	93	36292	40.974	ng	96
8) 2-Chlorophenol	7.952	128	20568	42.076	ng	90
9) Benzaldehyde	7.517	77	16150	39.000	ng	98
10) Phenol	7.558	94	28362	41.259	ng	98
11) bis(2-Chloroethyl)ether	7.793	93	19079	39.444	ng	82
12) 1,3-Dichlorobenzene	8.281	146	23481	42.270	ng	95
13) 1,4-Dichlorobenzene	8.428	146	22617	39.519	ng	99
14) 1,2-Dichlorobenzene	8.757	146	23410	42.383	ng	95
15) Benzyl Alcohol	8.621	79	25093	42.349	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.909	45	22448	37.494	ng	99
17) 2-Methylphenol	8.821	107	22518	41.961	ng	96
18) Hexachloroethane	9.491	117	8347	41.647	ng	91
19) n-Nitroso-di-n-propyla...	9.191	70	21121	40.320	ng	99
20) 3+4-Methylphenols	9.156	107	29576	41.183	ng	91
22) Acetophenone	9.221	105	38607	43.517	ng	97
24) Nitrobenzene	9.614	77	32308	43.857	ng	97
25) Isophorone	10.131	82	56249	41.981	ng	97
26) 2-Nitrophenol	10.331	139	13357	44.273	ng	97
27) 2,4-Dimethylphenol	10.372	122	21574	42.318	ng	97
28) bis(2-Chloroethoxy)met...	10.607	93	27216	36.598	ng	94
29) 2,4-Dichlorophenol	10.871	162	24512	40.868	ng	97
30) 1,2,4-Trichlorobenzene	11.089	180	27803	43.078	ng	94
31) Naphthalene	11.283	128	73006	40.720	ng	99
32) Benzoic acid	10.507	122	12278	48.064	ng	98
33) 4-Chloroaniline	11.382	127	32576	40.237	ng	96
34) Hexachlorobutadiene	11.553	225	21190	44.930	ng	96
35) Caprolactam	12.146	113	7888	41.132	ng	89
36) 4-Chloro-3-methylphenol	12.475	107	26962	43.588	ng	# 95
37) 2-Methylnaphthalene	13.074	142	54738	38.621	ng	98
38) 1-Methylnaphthalene	13.074	142	54738	40.326	ng	100
40) 1,2,4,5-Tetrachloroben...	13.221	216	40491	44.024	ng	99
41) Hexachlorocyclopentadiene	13.198	237	20801	43.150	ng	91
43) 2,4,6-Trichlorophenol	13.450	196	24807	43.493	ng	99

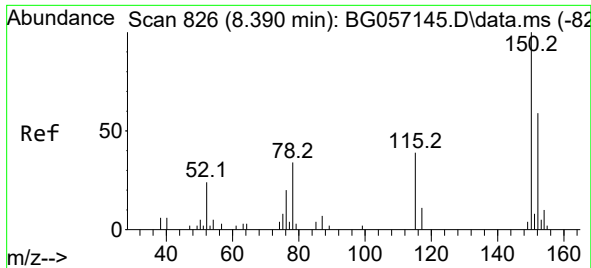
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.527	196	29449	43.335	ng	# 94
46) 1,1'-Biphenyl	13.844	154	80269	40.136	ng	95
47) 2-Chloronaphthalene	13.897	162	60892	40.732	ng	97
48) 2-Nitroaniline	14.091	65	19861	39.475	ng	89
49) Acenaphthylene	14.731	152	97376	40.464	ng	99
50) Dimethylphthalate	14.443	163	85025	40.702	ng	99
51) 2,6-Dinitrotoluene	14.566	165	19291	42.403	ng	93
52) Acenaphthene	15.072	154	60577	40.362	ng	97
53) 3-Nitroaniline	14.901	138	17859	40.547	ng	93
54) 2,4-Dinitrophenol	15.107	184	10876	40.385	ng	# 80
55) Dibenzofuran	15.401	168	101776	40.584	ng	95
56) 4-Nitrophenol	15.195	139	13061	43.918	ng	92
57) 2,4-Dinitrotoluene	15.354	165	27589	42.782	ng	97
58) Fluorene	16.047	166	83604	38.882	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.618	232	26418	45.204	ng	91
60) Diethylphthalate	15.788	149	86831	39.967	ng	94
61) 4-Chlorophenyl-phenyle...	16.023	204	51991	40.993	ng	97
62) 4-Nitroaniline	16.058	138	19505	38.162	ng	89
63) Azobenzene	16.317	77	80202	36.873	ng	92
65) 4,6-Dinitro-2-methylph...	16.117	198	18495	44.984	ng	93
66) n-Nitrosodiphenylamine	16.235	169	73295	39.309	ng	98
67) 4-Bromophenyl-phenylether	16.916	248	35132	42.511	ng	93
68) Hexachlorobenzene	17.051	284	36728	42.609	ng	96
69) Atrazine	17.169	200	29590	41.391	ng	98
70) Pentachlorophenol	17.392	266	20814	43.962	ng	95
71) Phenanthrene	17.786	178	138650	40.248	ng	98
72) Anthracene	17.880	178	142530	40.263	ng	99
73) Carbazole	18.138	167	118931	39.863	ng	96
74) Di-n-butylphthalate	18.661	149	138174	39.206	ng	98
75) Fluoranthene	19.771	202	173512	41.234	ng	98
77) Benzidine	19.936	184	122974	55.512	ng	97
78) Pyrene	20.135	202	175857	28.101	ng	99
80) Butylbenzylphthalate	20.987	149	62691	27.779	ng	98
81) Benzo(a)anthracene	22.033	228	248172	40.228	ng	99
82) 3,3'-Dichlorobenzidine	21.927	252	86285	40.564	ng	98
83) Chrysene	22.103	228	230190	39.591	ng	98
84) Bis(2-ethylhexyl)phtha...	21.880	149	138829	43.012	ng	99
85) Di-n-octyl phthalate	23.184	149	227999	42.916	ng	99
87) Indeno(1,2,3-cd)pyrene	29.640	276	279800	41.998	ng	99
88) Benzo(b)fluoranthene	24.447	252	242735	40.898	ng	99
89) Benzo(k)fluoranthene	24.518	252	244224	41.114	ng	100
90) Benzo(a)pyrene	25.405	252	231636	40.668	ng	98
91) Dibenzo(a,h)anthracene	29.705	278	232143	41.983	ng	98
92) Benzo(g,h,i)perylene	30.921	276	224323	41.910	ng	97

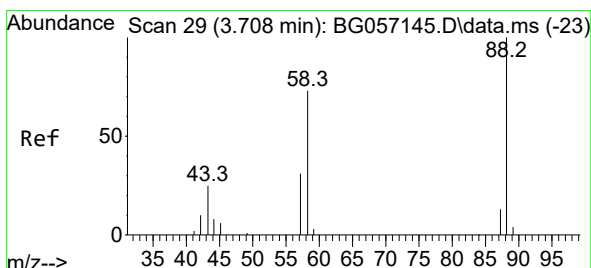
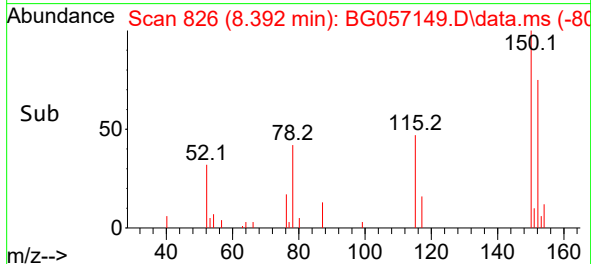
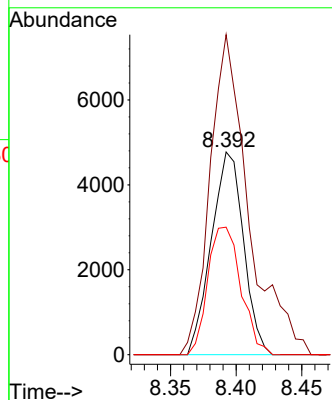
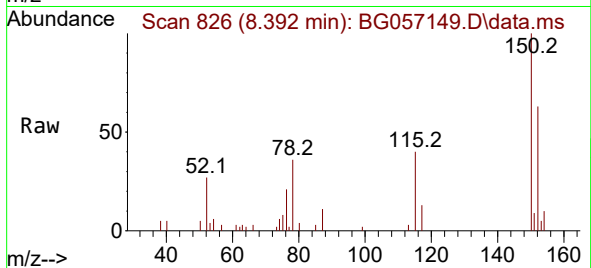
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.392 min Scan# 81
Delta R.T. 0.002 min
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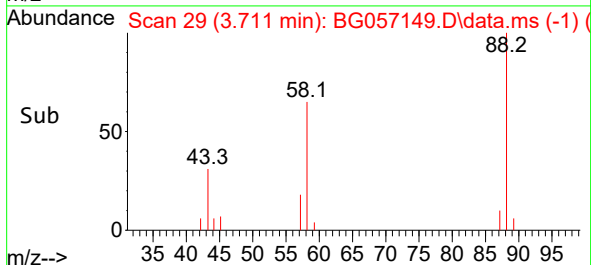
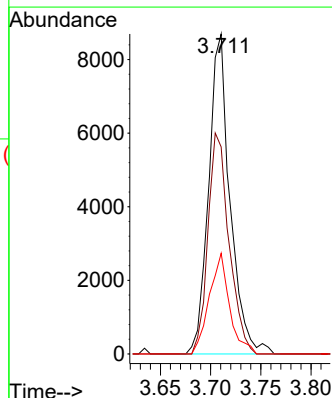
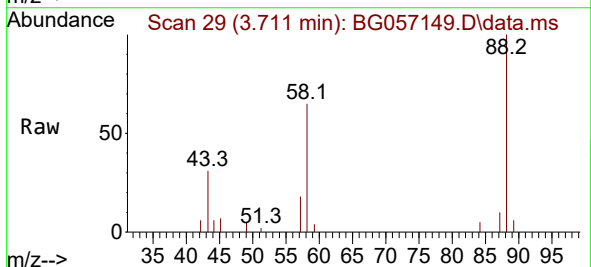
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BNA_G
ClientSampleId :
ICVBG042023

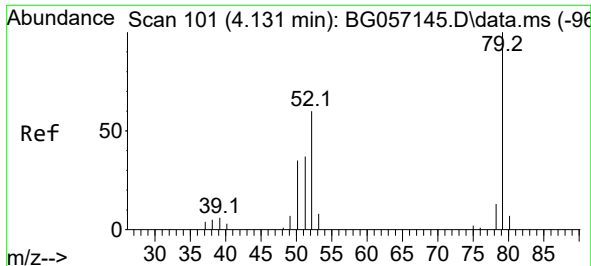
Tgt Ion:152 Resp: 8142
Ion Ratio Lower Upper
152 100
150 157.9 135.4 203.2
115 63.0 52.8 79.2



#2
1,4-Dioxane
Concen: 53.003 ng
RT: 3.711 min Scan# 29
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion: 88 Resp: 12886
Ion Ratio Lower Upper
88 100
58 68.0 55.5 83.3
43 29.8 22.6 34.0

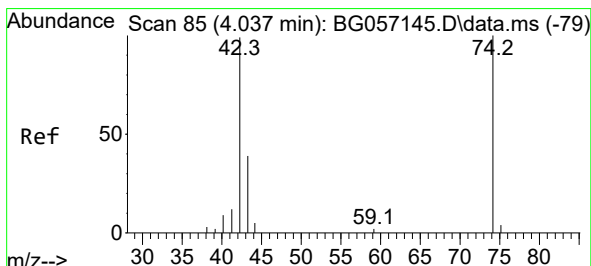
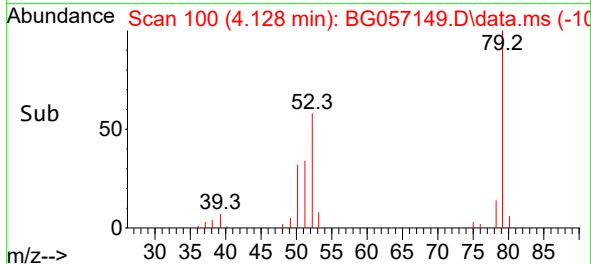
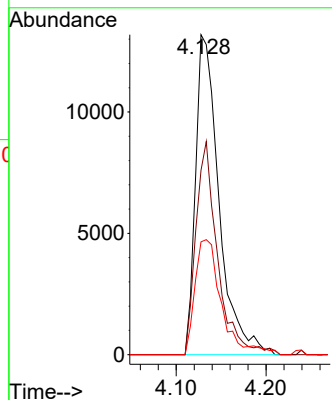
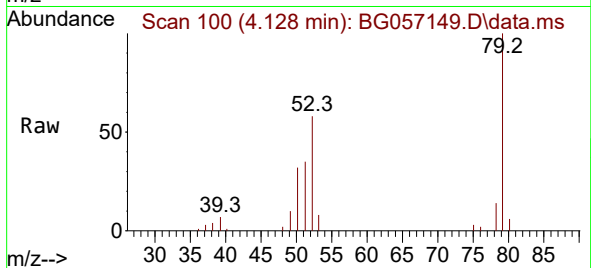




#3
Pyridine
Concen: 39.897 ng
RT: 4.128 min Scan# 101
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

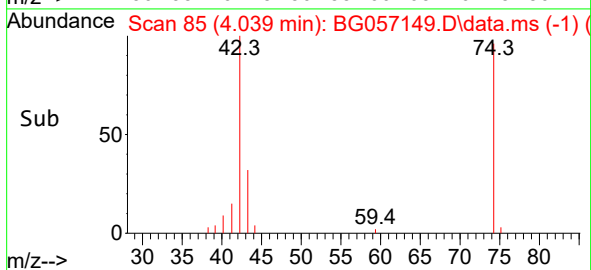
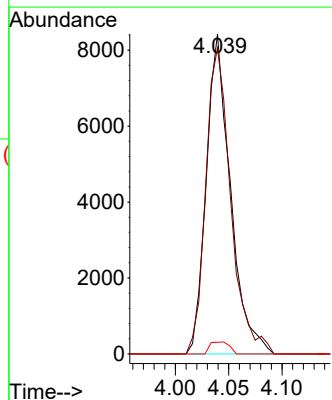
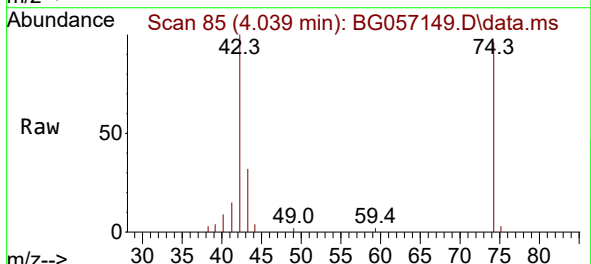
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ClientSampleId :
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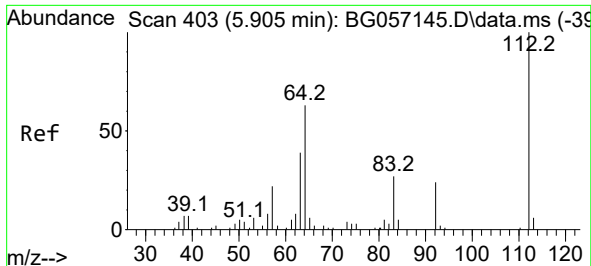
Tgt Ion: 79 Resp: 23874
Ion Ratio Lower Upper
79 100
52 57.6 47.7 71.5
51 35.3 29.8 44.6



#4
n-Nitrosodimethylamine
Concen: 40.785 ng
RT: 4.039 min Scan# 85
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion: 42 Resp: 13265
Ion Ratio Lower Upper
42 100
74 95.6 80.6 120.8
44 3.7 3.9 5.9#

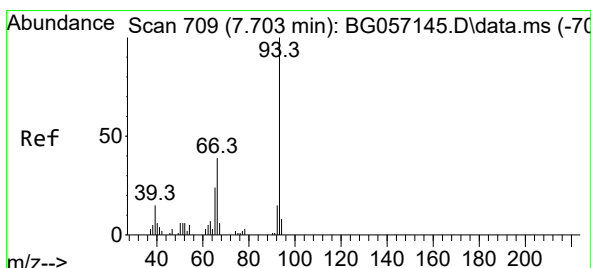
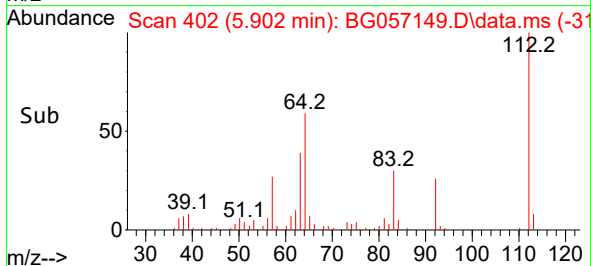
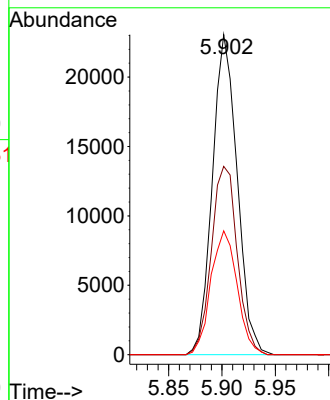
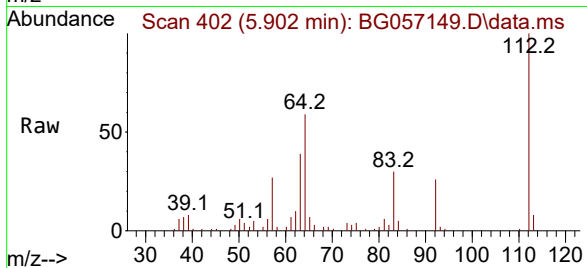




#5
2-Fluorophenol
Concen: 81.900 ng
RT: 5.902 min Scan# 403
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

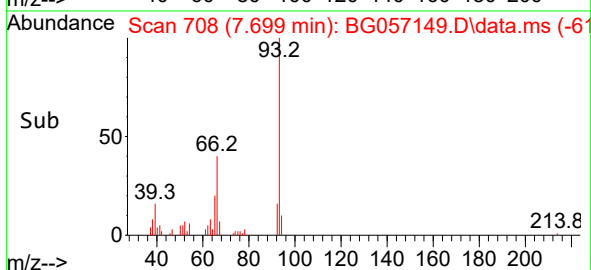
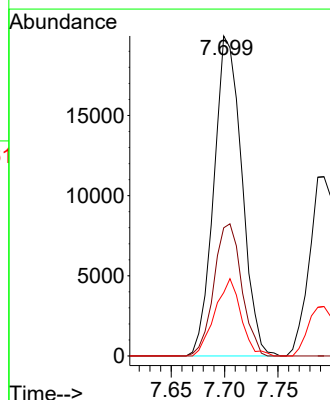
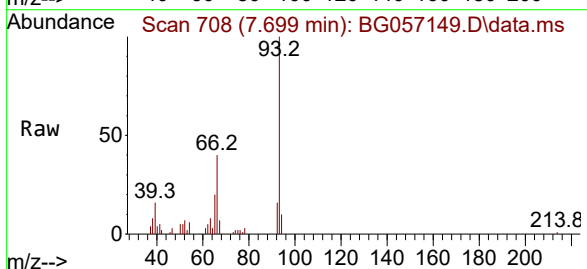
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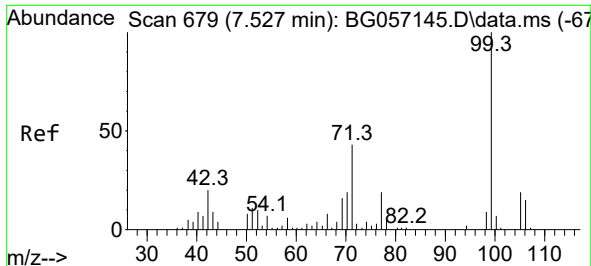
Tgt Ion:112 Resp: 37232
Ion Ratio Lower Upper
112 100
64 58.8 50.2 75.4
63 38.7 30.9 46.3



#6
Aniline
Concen: 40.974 ng
RT: 7.699 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion: 93 Resp: 36292
Ion Ratio Lower Upper
93 100
66 40.0 31.2 46.8
65 19.8 19.0 28.6

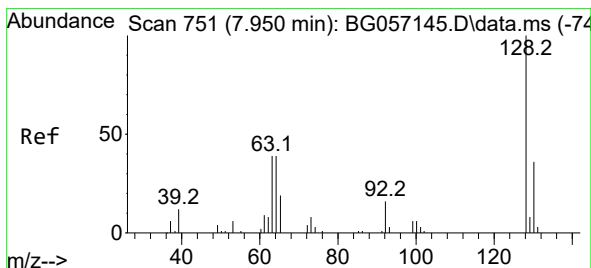
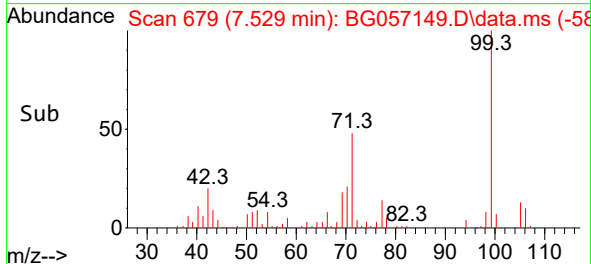
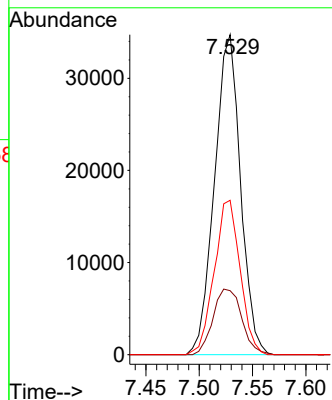
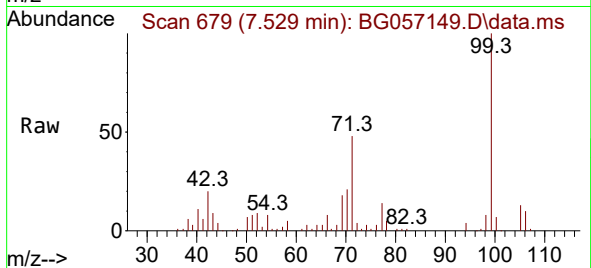




#7
Phenol-d6
Concen: 82.029 ng
RT: 7.529 min Scan# 679
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

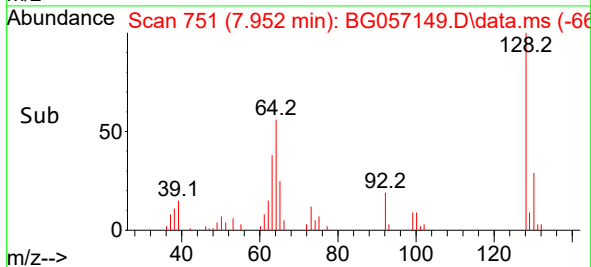
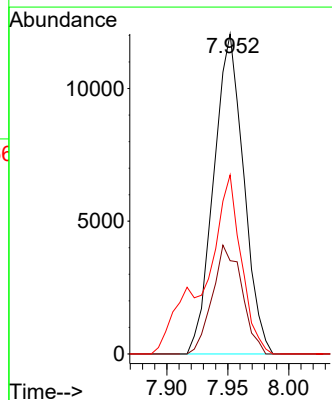
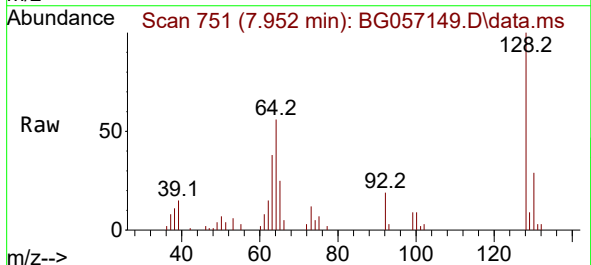
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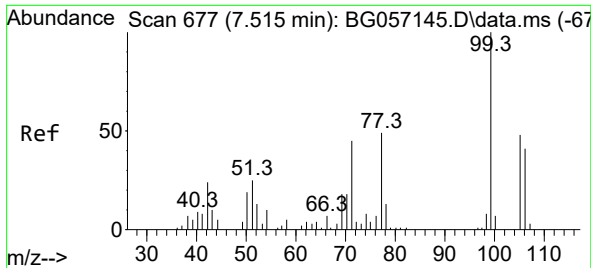
Tgt Ion: 99 Resp: 58785
Ion Ratio Lower Upper
99 100
42 20.0 16.2 24.2
71 48.3 34.3 51.5



#8
2-Chlorophenol
Concen: 42.076 ng
RT: 7.952 min Scan# 751
Delta R.T. 0.002 min
Lab File: BG057149.D
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Tgt Ion:128 Resp: 20568
Ion Ratio Lower Upper
128 100
130 29.1 16.4 56.4
64 56.0 30.7 70.7

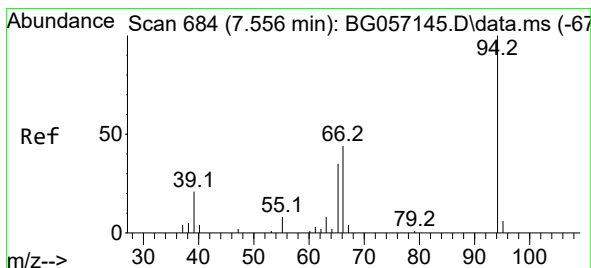
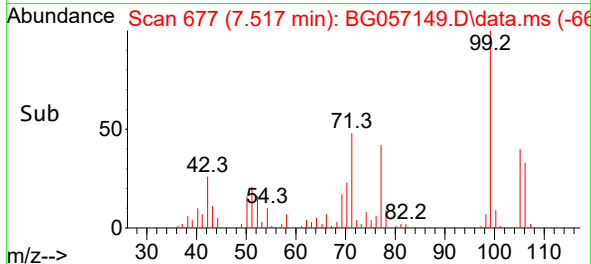
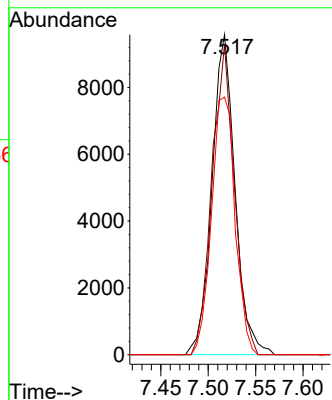
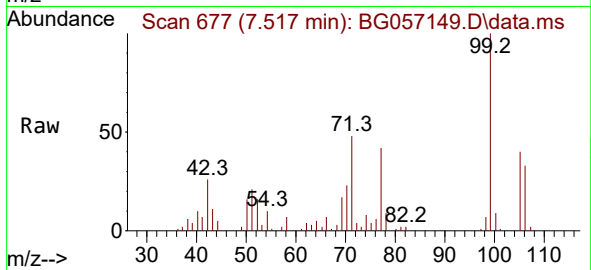




#9
Benzaldehyde
Concen: 39.000 ng
RT: 7.517 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

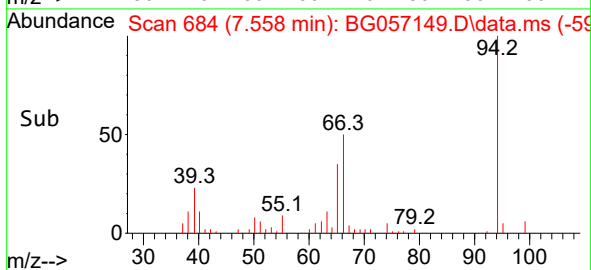
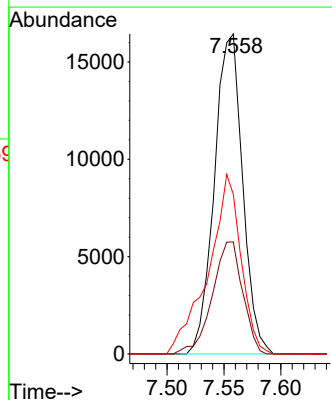
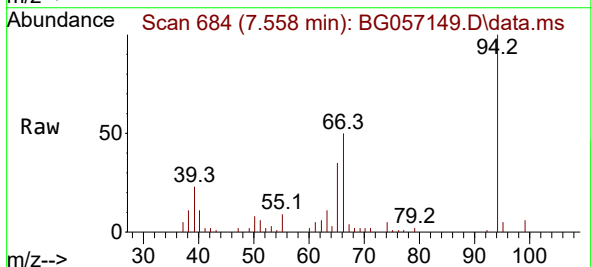
Instrument :
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ClientSampleId :
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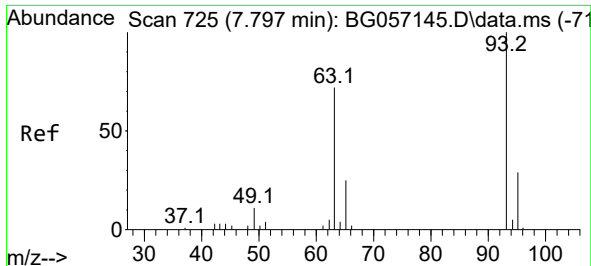
Tgt Ion: 77 Resp: 16150
Ion Ratio Lower Upper
77 100
105 97.1 76.6 116.6
106 80.5 63.8 103.8



#10
Phenol
Concen: 41.259 ng
RT: 7.558 min Scan# 684
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion: 94 Resp: 28362
Ion Ratio Lower Upper
94 100
65 35.0 15.2 55.2
66 49.9 27.9 67.9

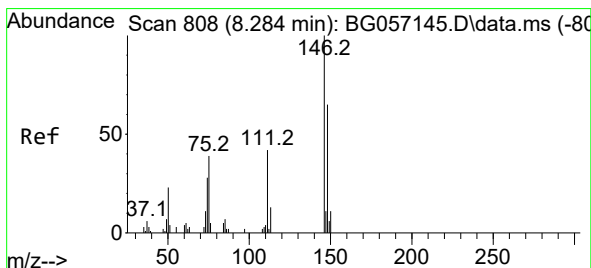
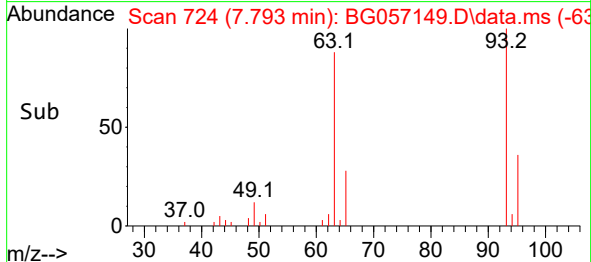
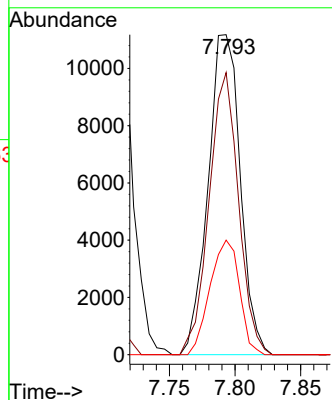
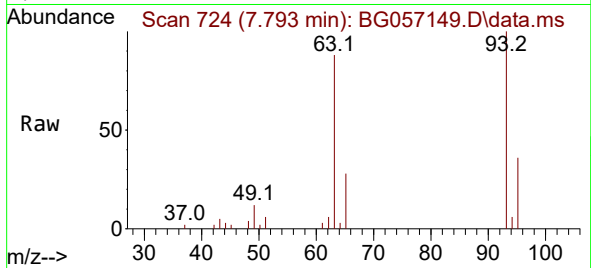




#11
bis(2-Chloroethyl)ether
Concen: 39.444 ng
RT: 7.793 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

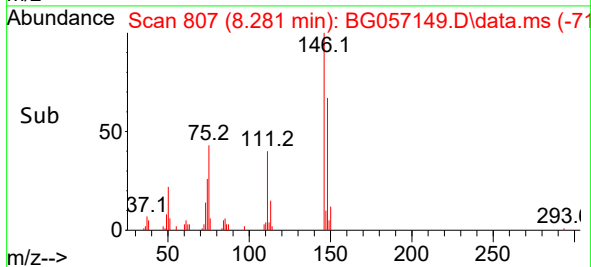
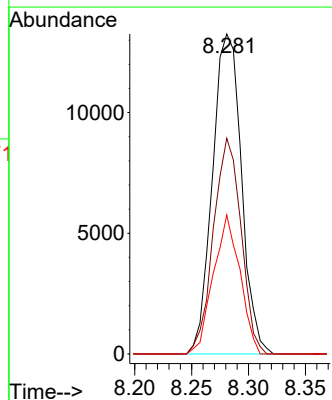
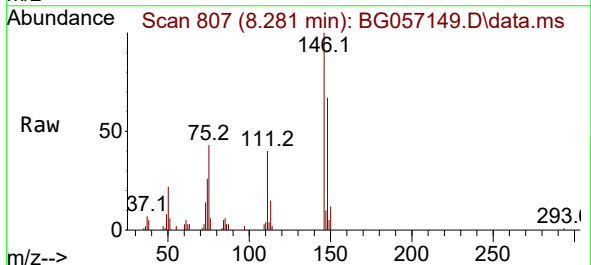
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

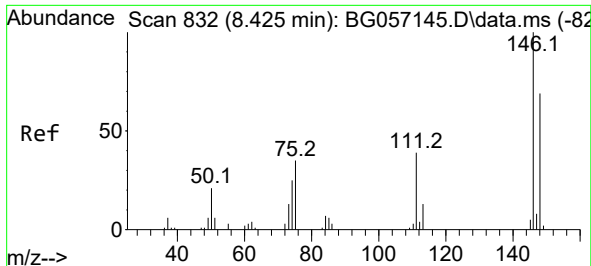
Tgt Ion: 93 Resp: 19079
Ion Ratio Lower Upper
93 100
63 88.1 51.9 91.9
95 35.8 8.8 48.8



#12
1,3-Dichlorobenzene
Concen: 42.270 ng
RT: 8.281 min Scan# 807
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:146 Resp: 23481
Ion Ratio Lower Upper
146 100
148 67.4 51.7 77.5
75 43.4 31.4 47.0





#13

1,4-Dichlorobenzene

Concen: 39.519 ng

RT: 8.428 min Scan# 832

Delta R.T. 0.002 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

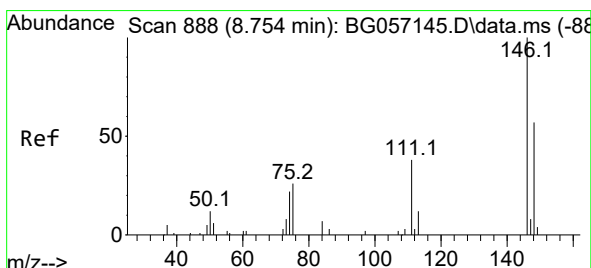
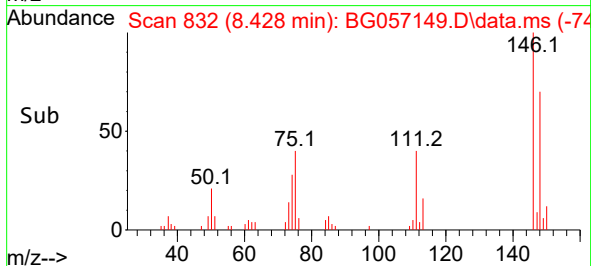
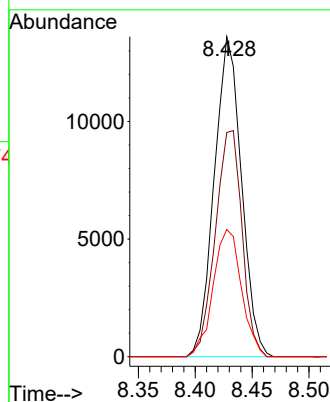
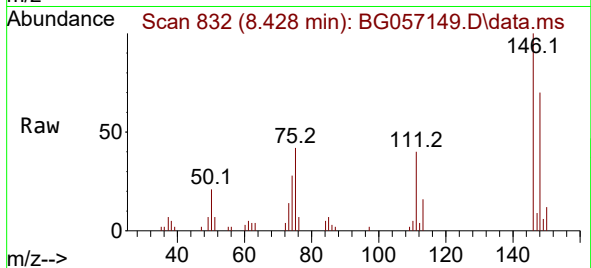
Tgt Ion:146 Resp: 22617

Ion Ratio Lower Upper

146 100

148 70.1 55.0 82.4

111 39.7 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 42.383 ng

RT: 8.757 min Scan# 888

Delta R.T. 0.002 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

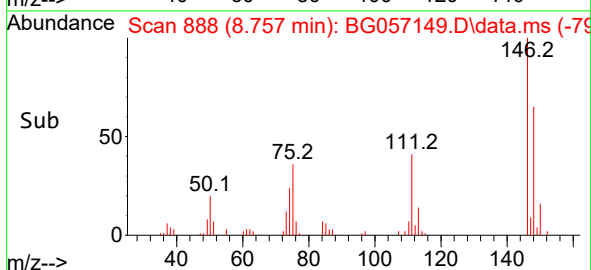
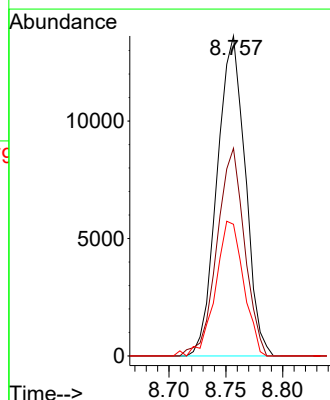
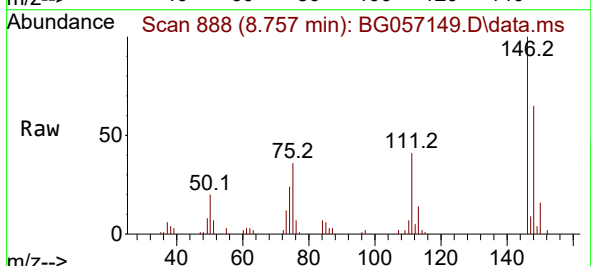
Tgt Ion:146 Resp: 23410

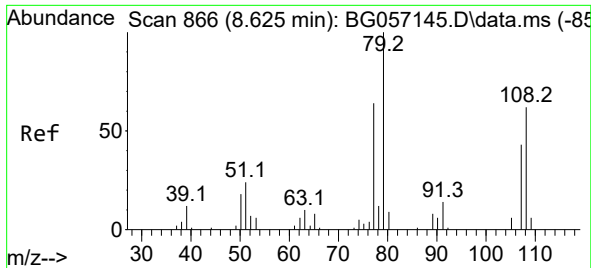
Ion Ratio Lower Upper

146 100

148 64.9 47.0 70.4

111 41.2 32.5 48.7

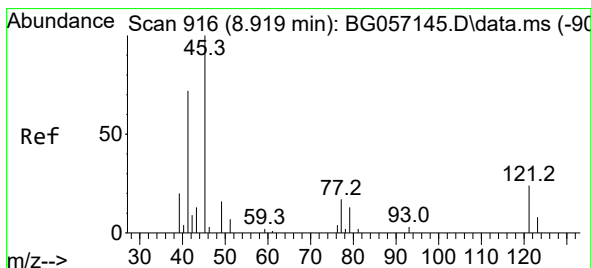
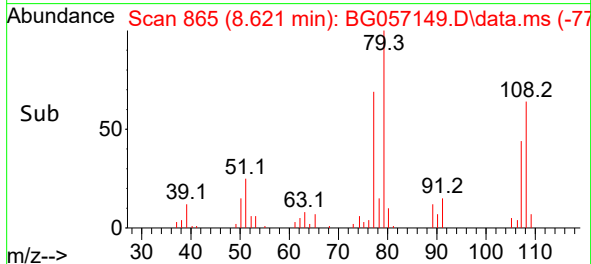
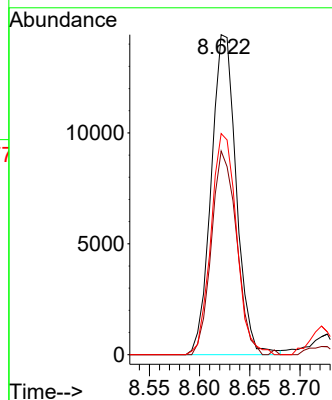
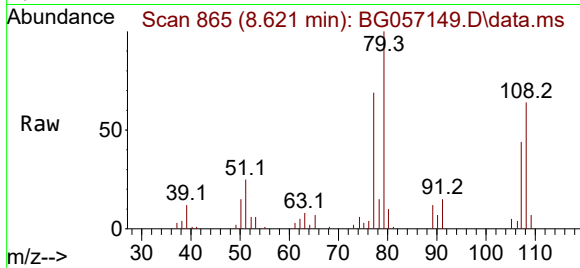




#15
Benzyl Alcohol
Concen: 42.349 ng
RT: 8.621 min Scan# 80
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

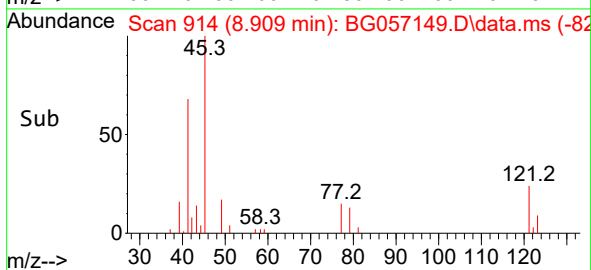
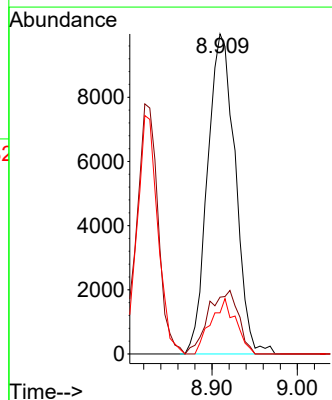
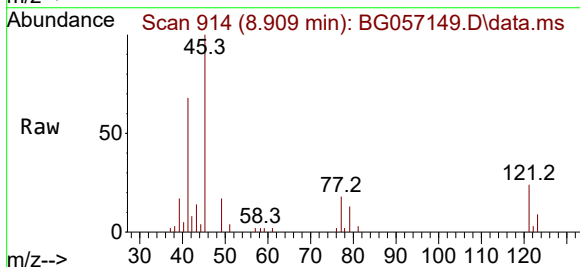
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

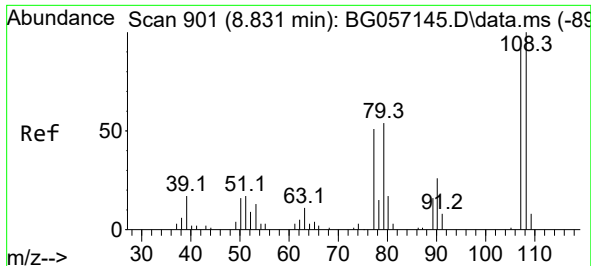
Tgt Ion: 79 Resp: 25093
Ion Ratio Lower Upper
79 100
108 63.6 49.8 74.8
77 69.1 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.494 ng
RT: 8.909 min Scan# 914
Delta R.T. -0.010 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion: 45 Resp: 22448
Ion Ratio Lower Upper
45 100
77 17.8 0.0 38.2
79 12.8 0.0 33.4





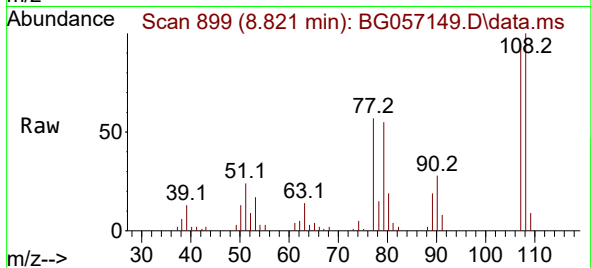
#17
2-Methylphenol
Concen: 41.961 ng
RT: 8.821 min Scan# 899
Delta R.T. -0.010 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Instrument :

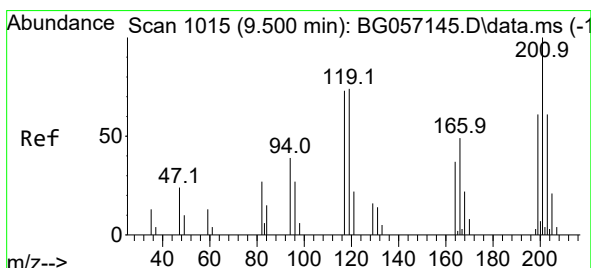
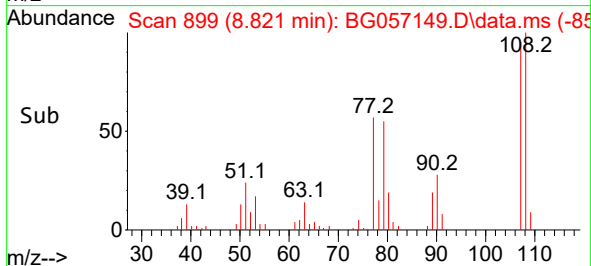
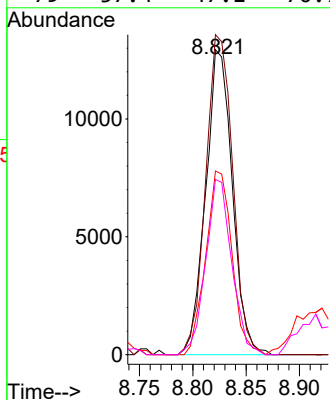
BNA_G

ClientSampleId :

ICVBG042023

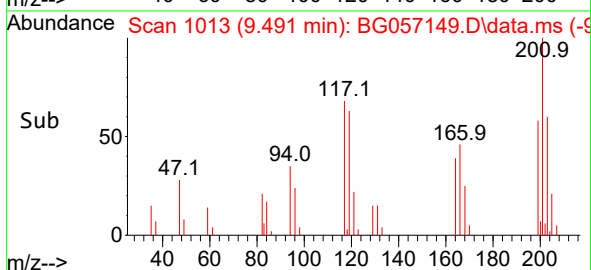
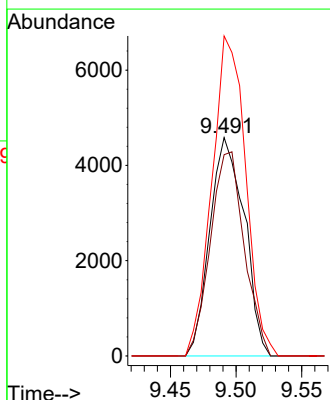
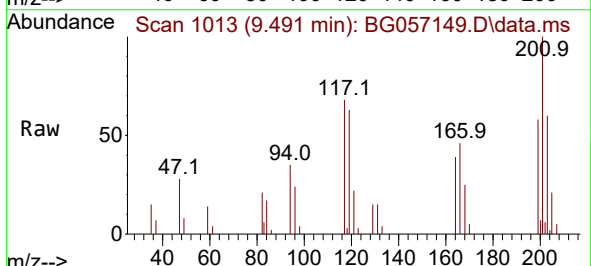


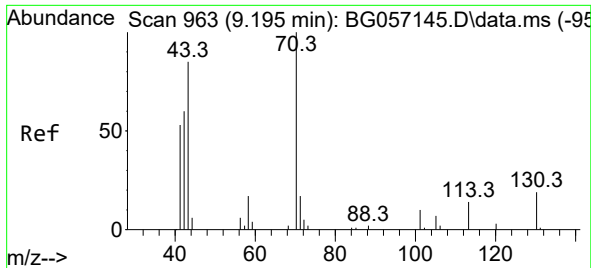
Tgt Ion:	107	Resp:	22518
Ion	Ratio	Lower	Upper
107	100		
108	104.9	87.4	131.2
77	60.3	44.2	66.4
79	57.4	47.1	70.7



#18
Hexachloroethane
Concen: 41.647 ng
RT: 9.491 min Scan# 1013
Delta R.T. -0.010 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:	117	Resp:	8347
Ion	Ratio	Lower	Upper
117	100		
119	92.2	81.7	122.5
201	146.5	109.8	164.8

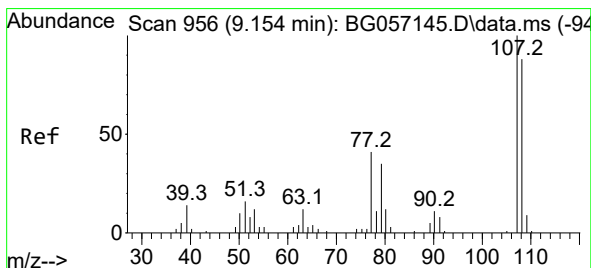
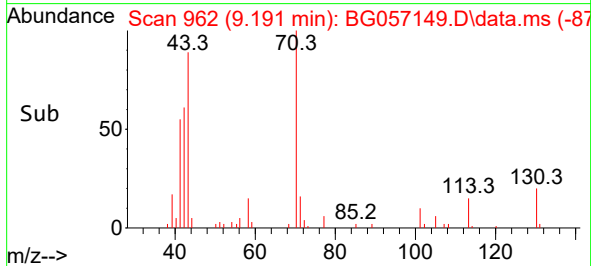
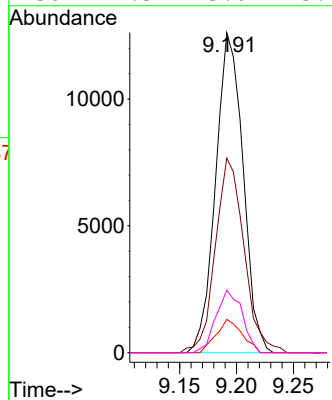
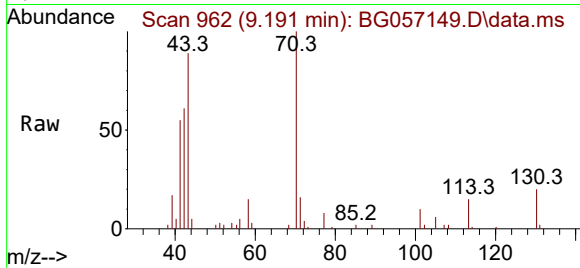




#19
n-Nitroso-di-n-propylamine
Concen: 40.320 ng
RT: 9.191 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

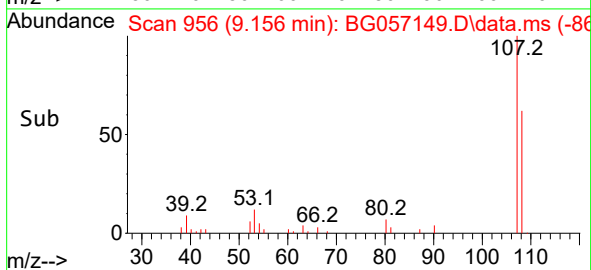
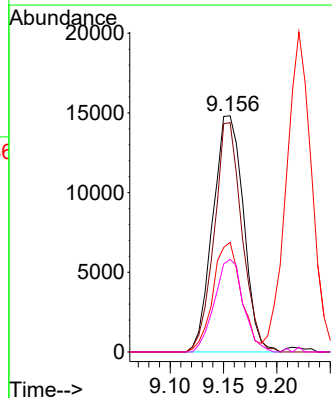
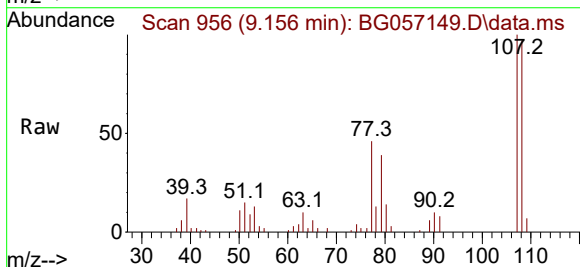
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

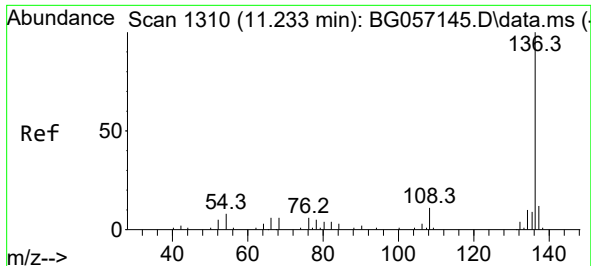
Tgt Ion: 70 Resp: 21121
Ion Ratio Lower Upper
70 100
42 60.8 48.0 72.0
101 10.4 7.8 11.8
130 19.5 15.6 23.4



#20
3+4-Methylphenols
Concen: 41.183 ng
RT: 9.156 min Scan# 956
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion: 107 Resp: 29576
Ion Ratio Lower Upper
107 100
108 97.1 67.7 107.7
77 46.4 20.8 60.8
79 39.2 15.0 55.0

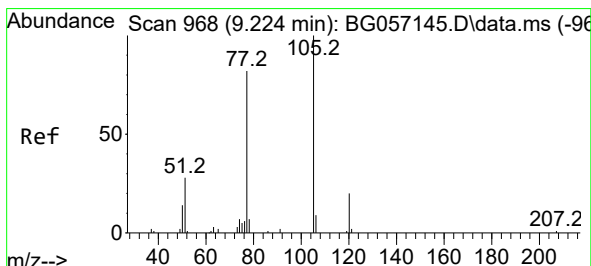
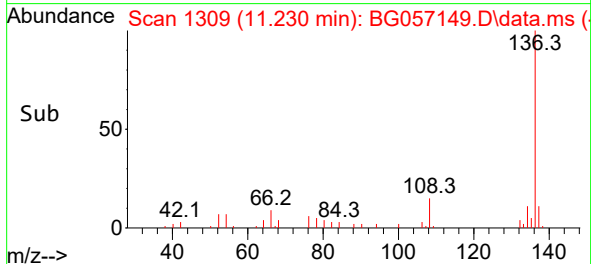
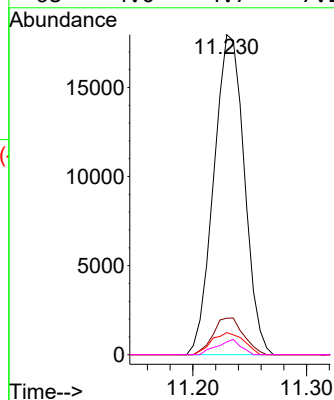
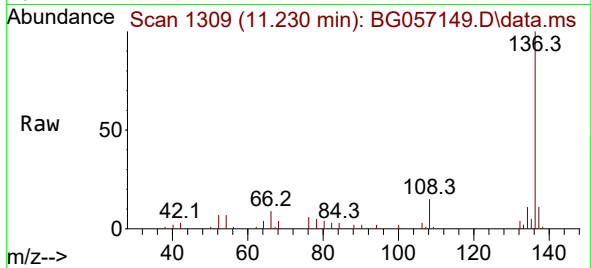




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.230 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

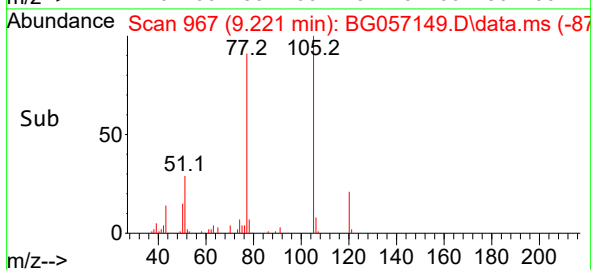
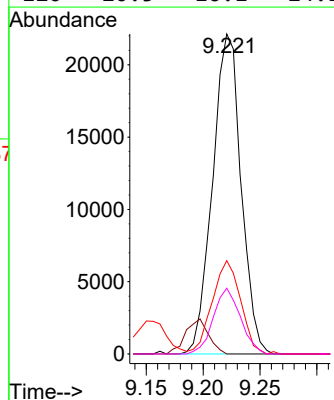
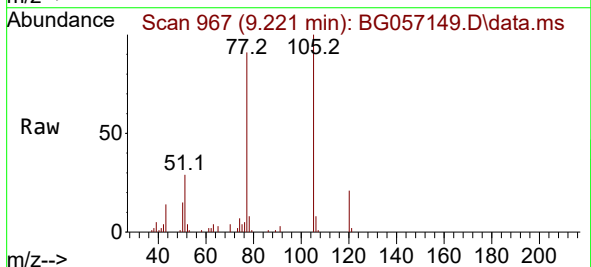
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

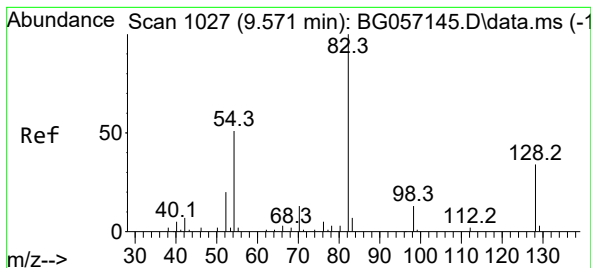
Tgt Ion:136 Resp: 33488
Ion Ratio Lower Upper
136 100
137 11.4 10.0 15.0
54 6.9 6.2 9.4
68 4.0 4.7 7.1#



#22
Acetophenone
Concen: 43.517 ng
RT: 9.221 min Scan# 967
Delta R.T. -0.003 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:105 Resp: 38607
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 29.2 25.2 37.8
120 20.5 16.1 24.1





#23

Nitrobenzene-d5

Concen: 87.414 ng

RT: 9.573 min Scan# 1027

Delta R.T. 0.002 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

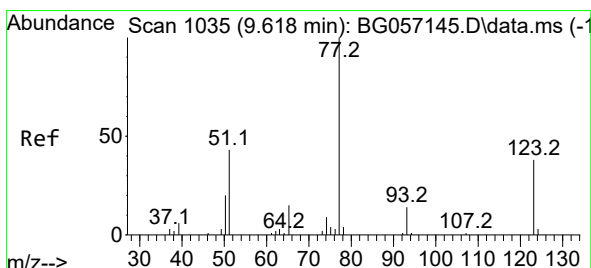
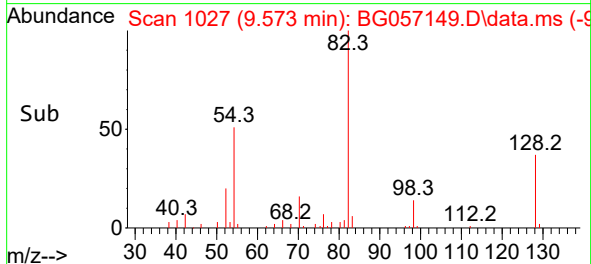
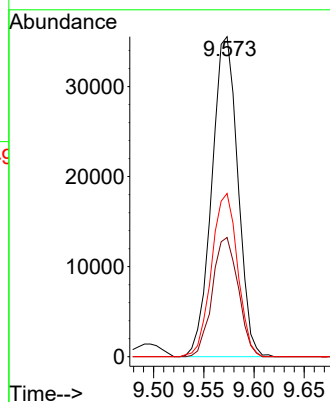
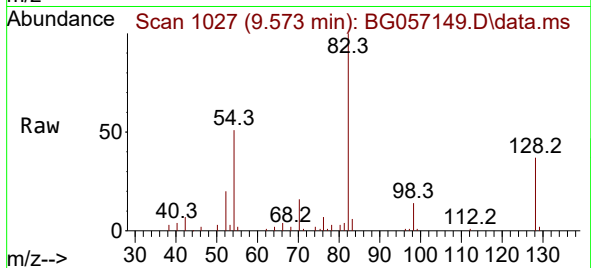
Tgt Ion: 82 Resp: 64072

Ion Ratio Lower Upper

82 100

128 37.3 27.4 41.0

54 51.0 40.4 60.6



#24

Nitrobenzene

Concen: 43.857 ng

RT: 9.614 min Scan# 1034

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

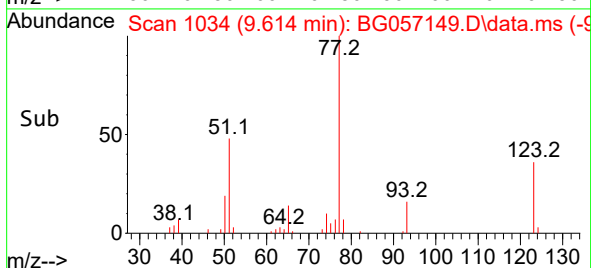
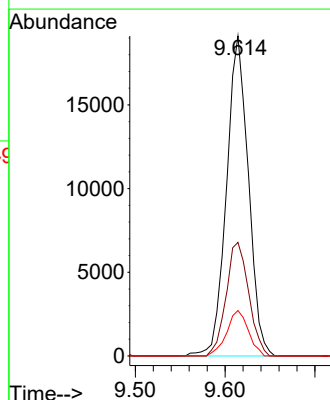
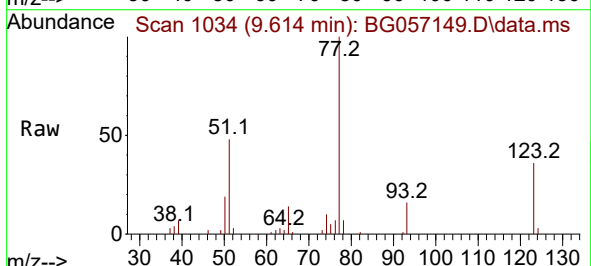
Tgt Ion: 77 Resp: 32308

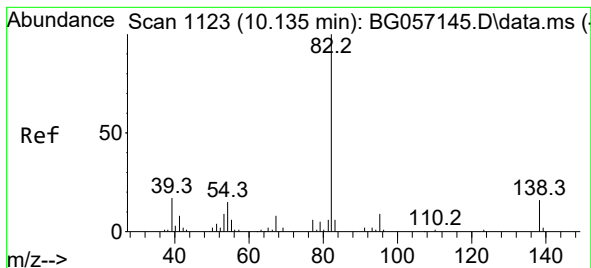
Ion Ratio Lower Upper

77 100

123 35.5 30.3 45.5

65 14.2 12.1 18.1





#25

Isophorone

Concen: 41.981 ng

RT: 10.131 min Scan# 1122

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

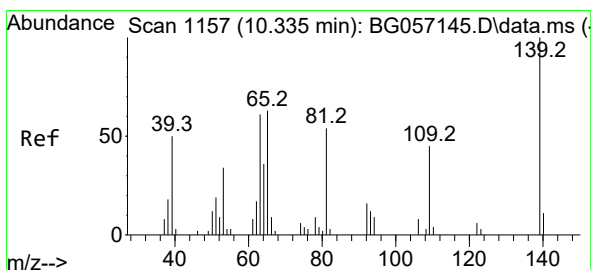
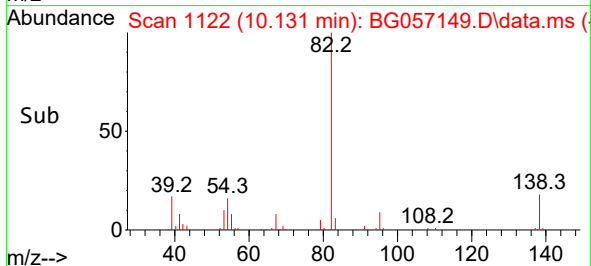
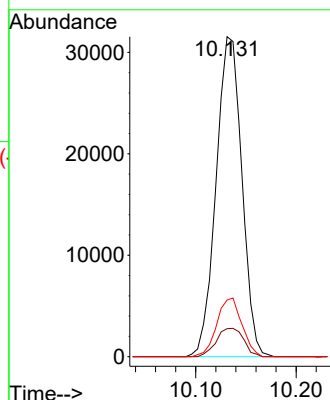
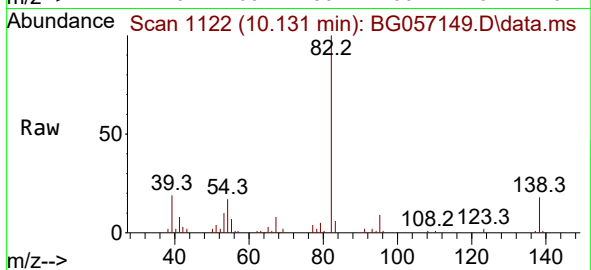
Tgt Ion: 82 Resp: 56249

Ion Ratio Lower Upper

82 100

95 8.8 7.4 11.0

138 17.7 12.7 19.1



#26

2-Nitrophenol

Concen: 44.273 ng

RT: 10.331 min Scan# 1156

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

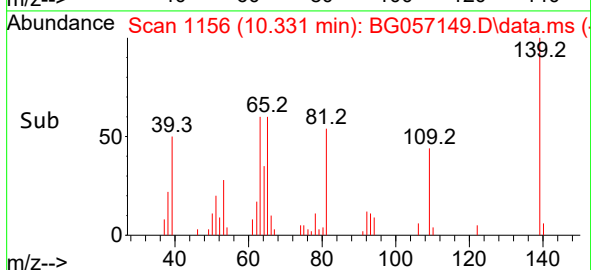
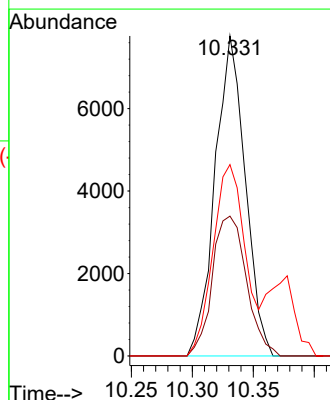
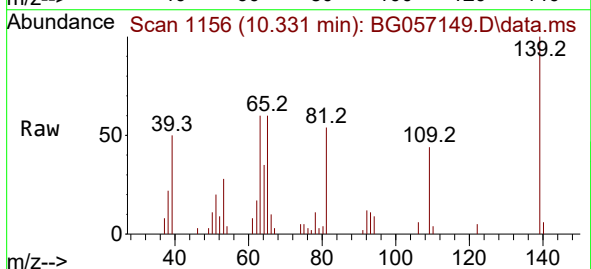
Tgt Ion:139 Resp: 13357

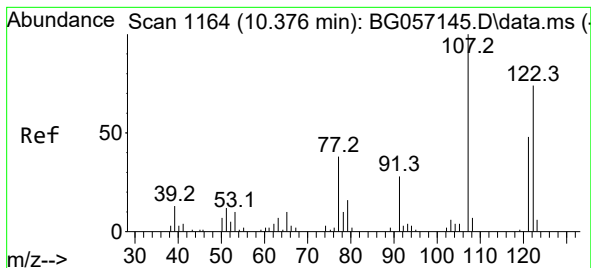
Ion Ratio Lower Upper

139 100

109 43.7 35.8 53.8

65 59.8 50.2 75.4

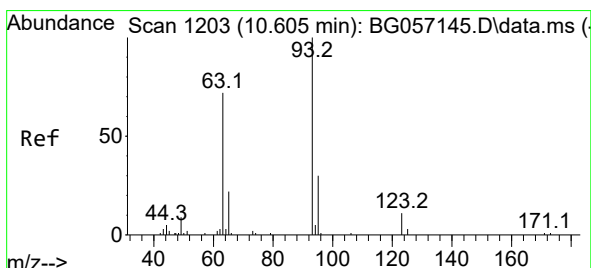
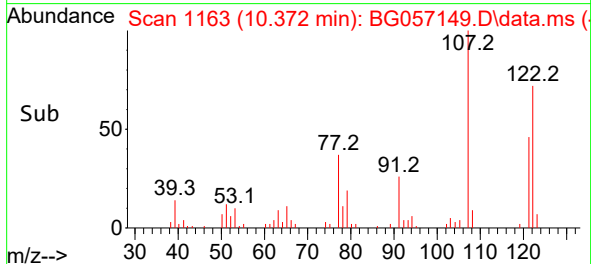
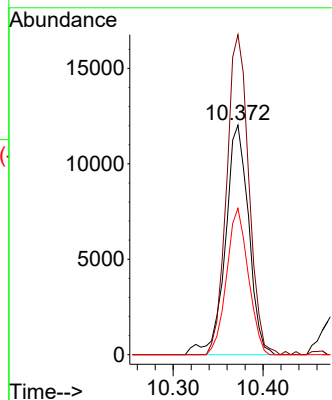
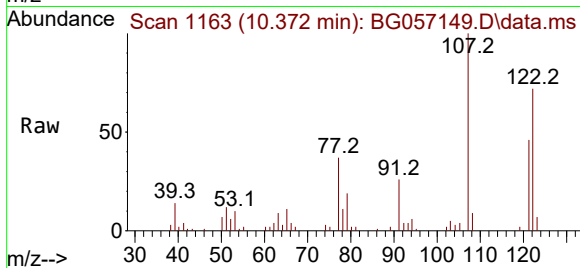




#27
2,4-Dimethylphenol
Concen: 42.318 ng
RT: 10.372 min Scan# 1163
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

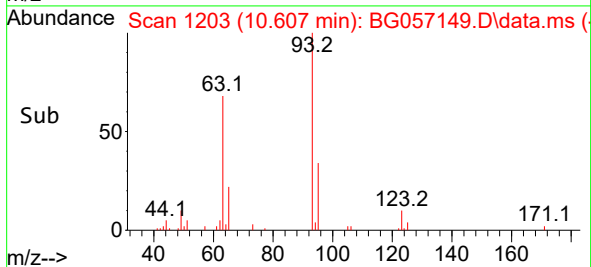
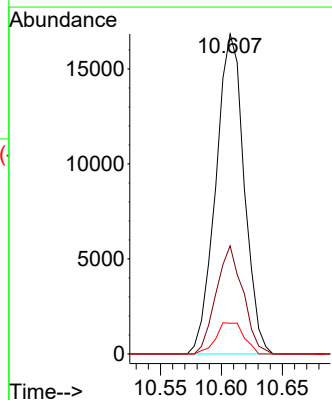
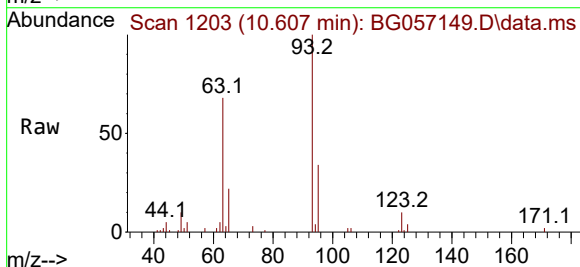
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

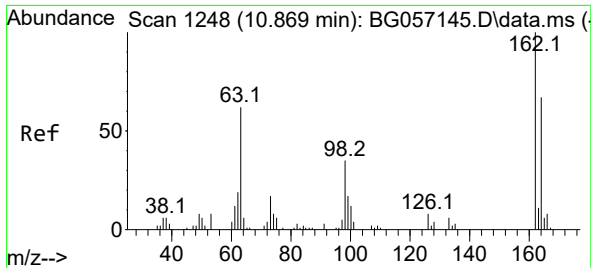
Tgt Ion:122 Resp: 21574
Ion Ratio Lower Upper
122 100
107 139.4 107.8 161.8
121 63.8 52.2 78.4



#28
bis(2-Chloroethoxy)methane
Concen: 36.598 ng
RT: 10.607 min Scan# 1203
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion: 93 Resp: 27216
Ion Ratio Lower Upper
93 100
95 33.8 24.3 36.5
123 9.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 40.868 ng

RT: 10.871 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

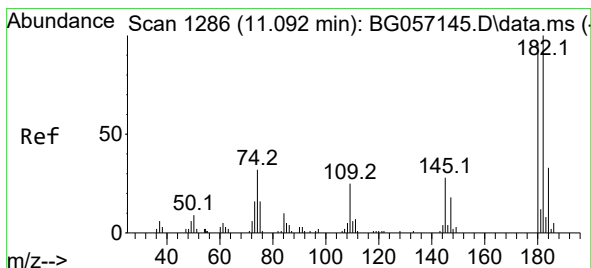
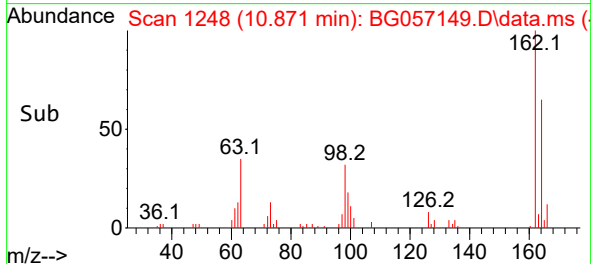
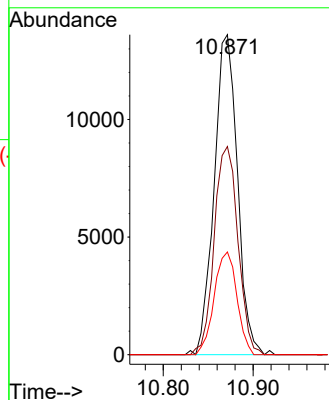
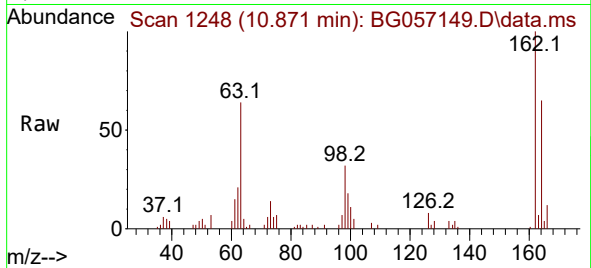
Tgt Ion:162 Resp: 24512

Ion Ratio Lower Upper

162 100

164 65.0 46.6 86.6

98 32.1 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 43.078 ng

RT: 11.089 min Scan# 1285

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

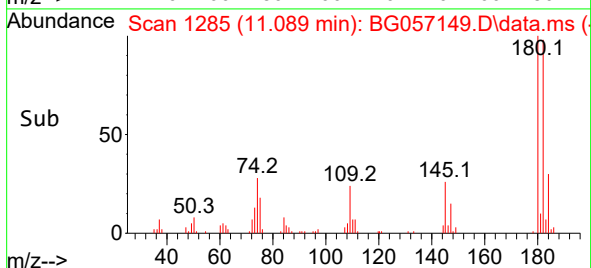
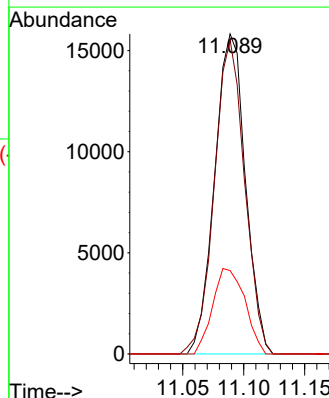
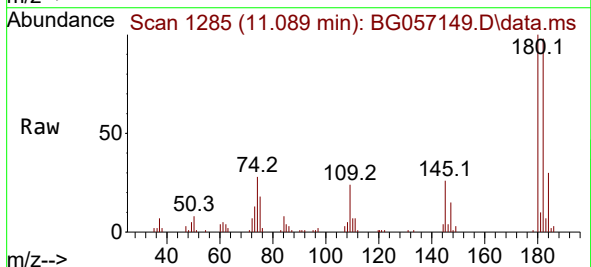
Tgt Ion:180 Resp: 27803

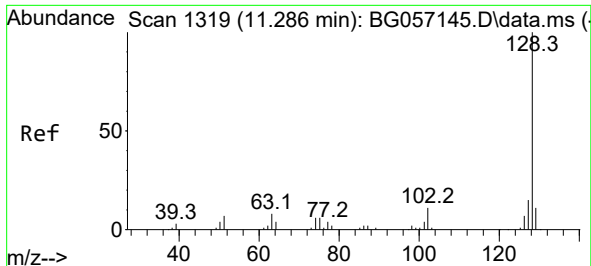
Ion Ratio Lower Upper

180 100

182 98.1 83.5 125.3

145 26.1 23.7 35.5

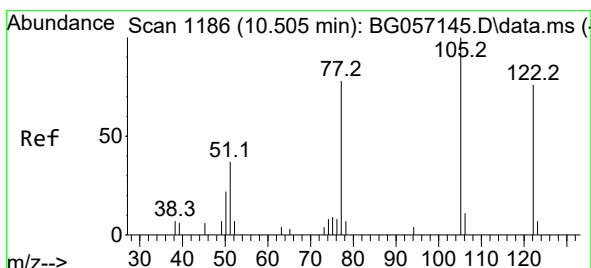
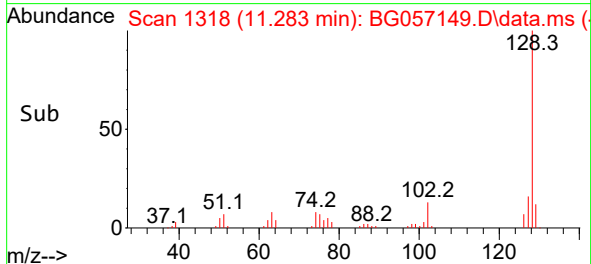
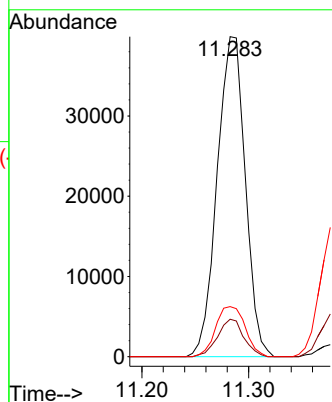
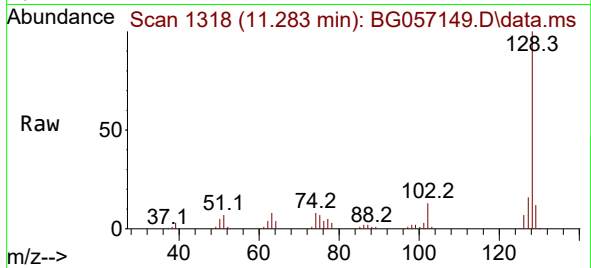




#31
Naphthalene
Concen: 40.720 ng
RT: 11.283 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

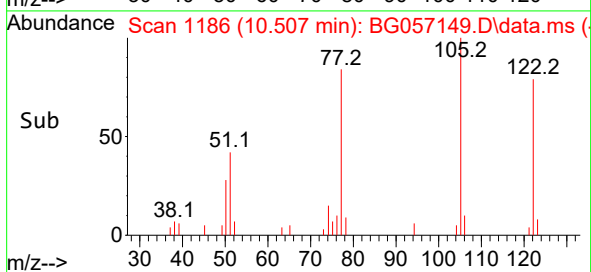
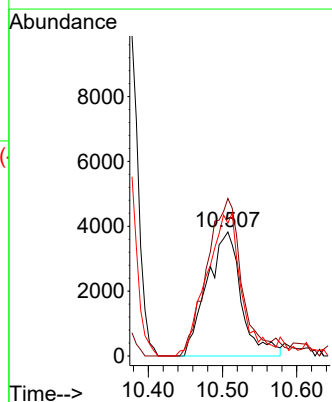
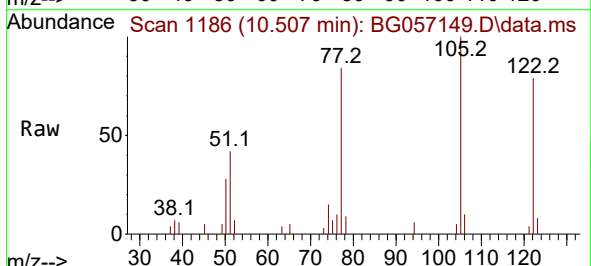
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

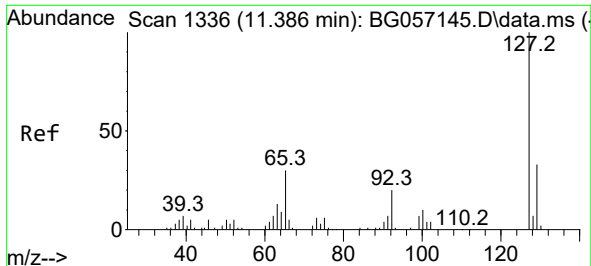
Tgt Ion:128 Resp: 73006
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 15.7 12.3 18.5



#32
Benzoic acid
Concen: 48.064 ng
RT: 10.507 min Scan# 1186
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:122 Resp: 12278
Ion Ratio Lower Upper
122 100
105 127.0 110.8 150.8
77 107.1 85.8 125.8

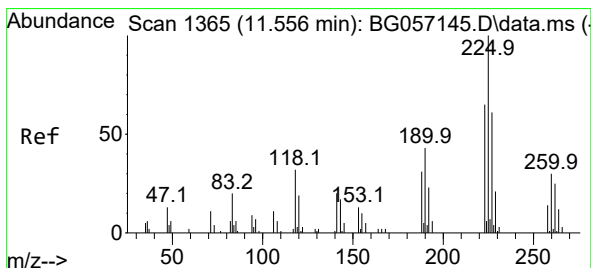
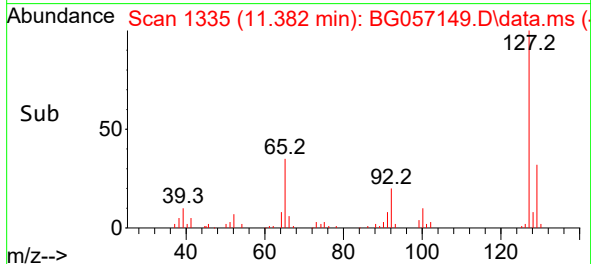
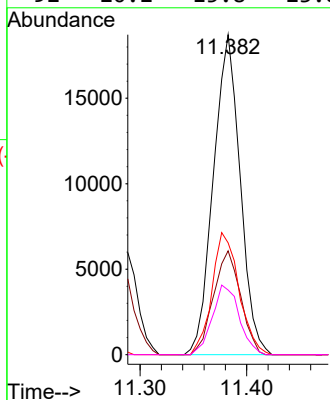
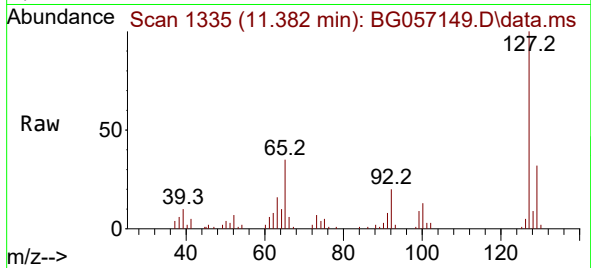




#33
4-Chloroaniline
Concen: 40.237 ng
RT: 11.382 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

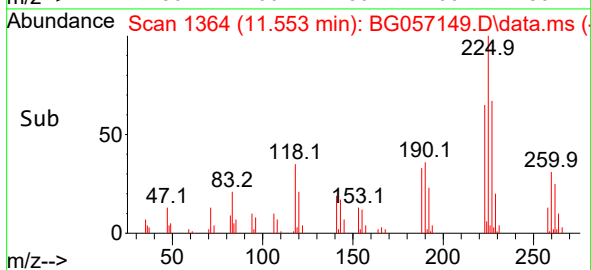
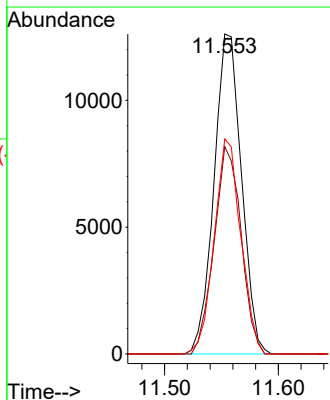
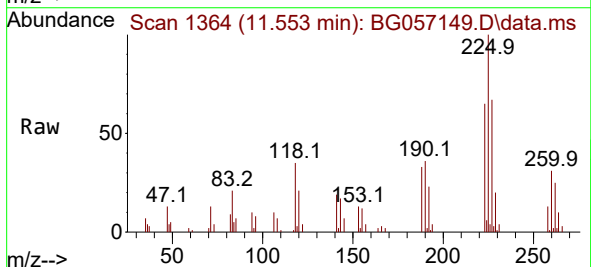
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

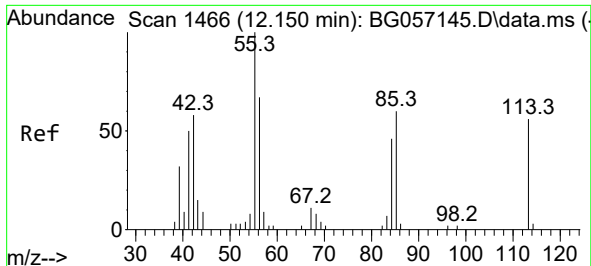
Tgt Ion:	127	Resp:	32576
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	35.0	24.0	36.0
92	20.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 44.930 ng
RT: 11.553 min Scan# 1364
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:	225	Resp:	21190
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.8	77.6
227	67.2	48.9	73.3

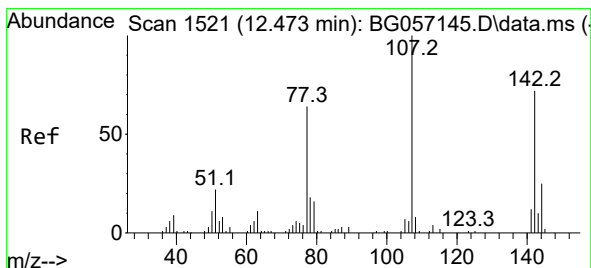
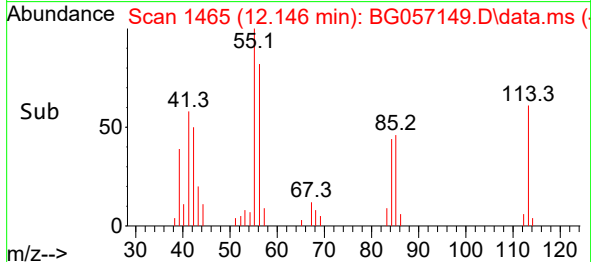
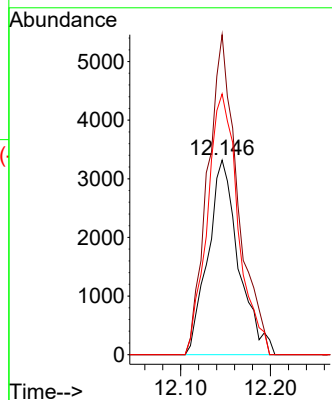
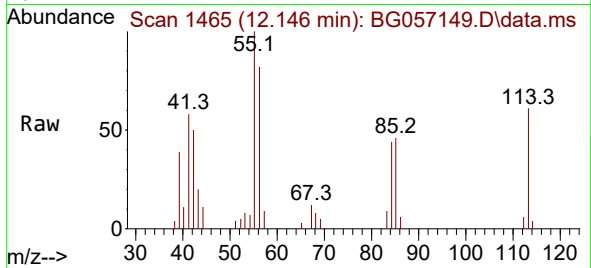




#35
 Caprolactam
 Concen: 41.132 ng
 RT: 12.146 min Scan# 1465
 Delta R.T. -0.004 min
 Lab File: BG057149.D
 Acq: 20 Apr 2023 16:59

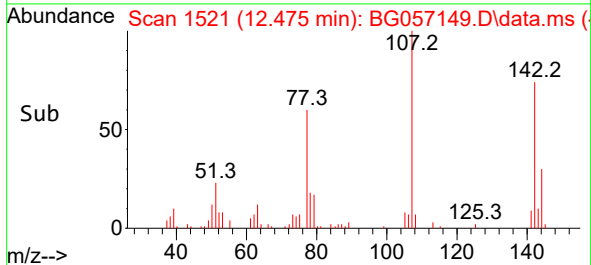
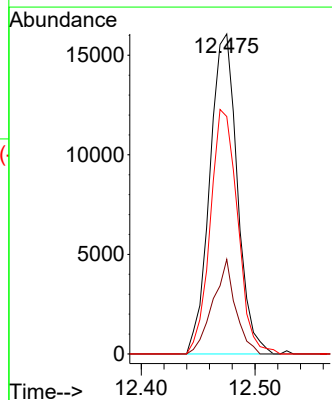
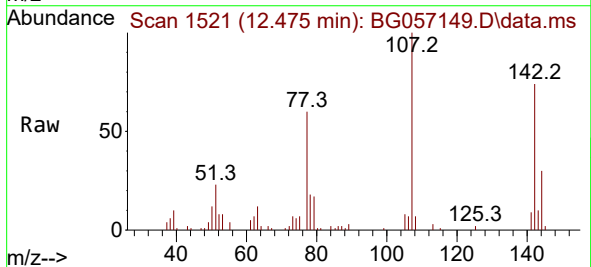
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042023

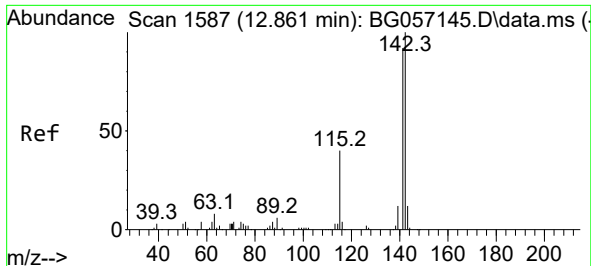
Tgt Ion:113 Resp: 7888
 Ion Ratio Lower Upper
 113 100
 55 164.4 157.3 197.3
 56 134.0 98.7 138.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.588 ng
 RT: 12.475 min Scan# 1521
 Delta R.T. 0.002 min
 Lab File: BG057149.D
 Acq: 20 Apr 2023 16:59

Tgt Ion:107 Resp: 26962
 Ion Ratio Lower Upper
 107 100
 144 29.6 19.7 29.5#
 142 74.2 57.4 86.0





#37

2-Methylnaphthalene

Concen: 38.621 ng

RT: 13.074 min Scan# 1

Delta R.T. 0.214 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

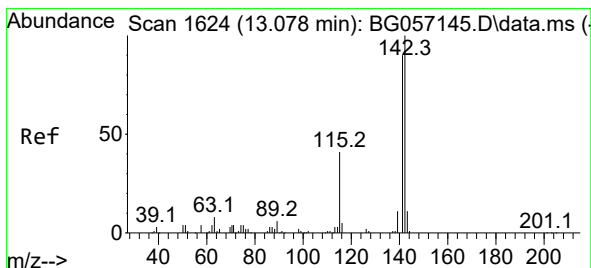
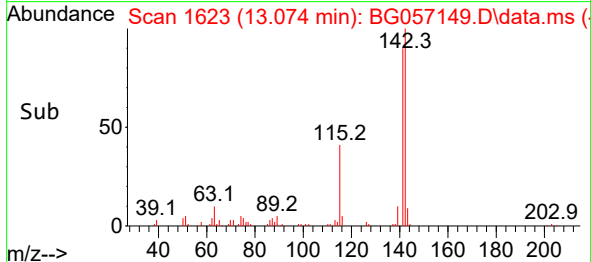
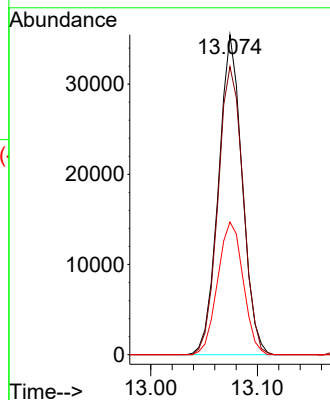
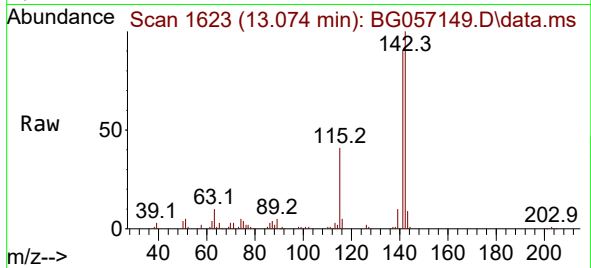
Tgt Ion:142 Resp: 54738

Ion Ratio Lower Upper

142 100

141 90.0 73.8 110.6

115 41.4 32.1 48.1



#38

1-Methylnaphthalene

Concen: 40.326 ng

RT: 13.074 min Scan# 1623

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

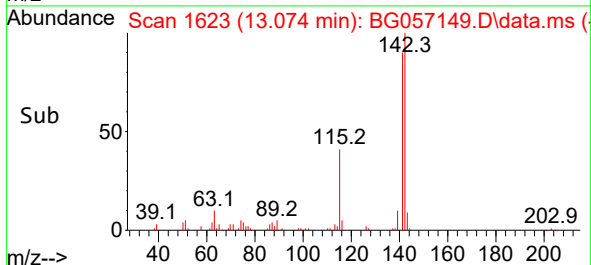
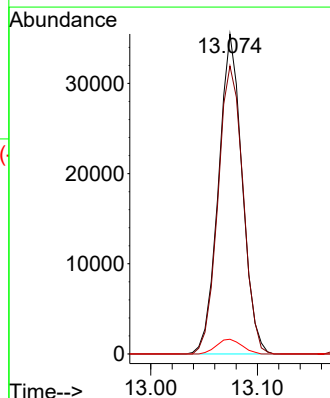
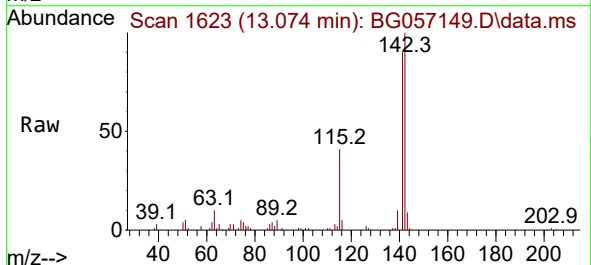
Tgt Ion:142 Resp: 54738

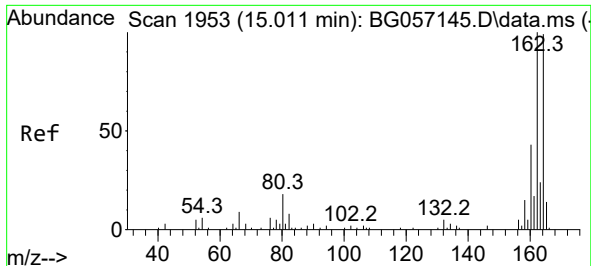
Ion Ratio Lower Upper

142 100

141 90.0 72.2 108.4

116 4.6 3.7 5.5

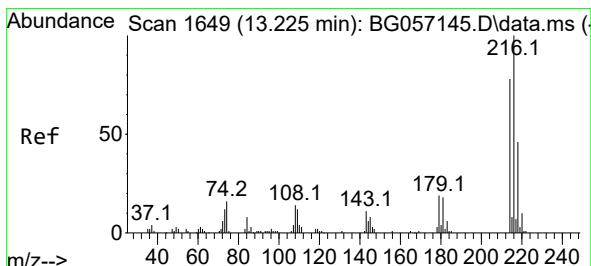
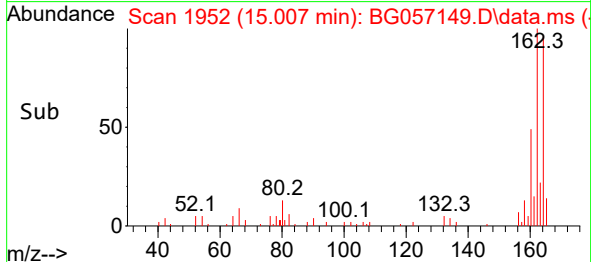
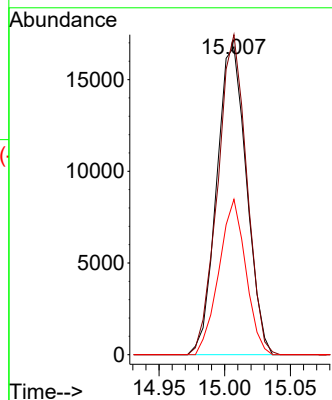
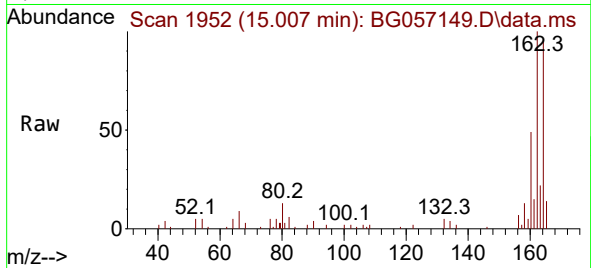




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.007 min Scan# 1952
 Delta R.T. -0.004 min
 Lab File: BG057149.D
 Acq: 20 Apr 2023 16:59

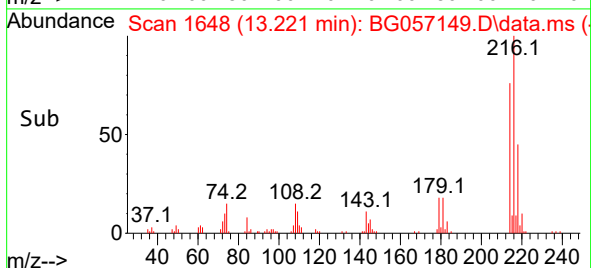
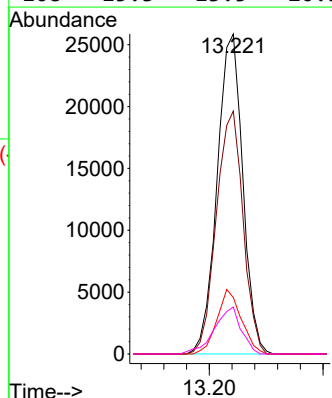
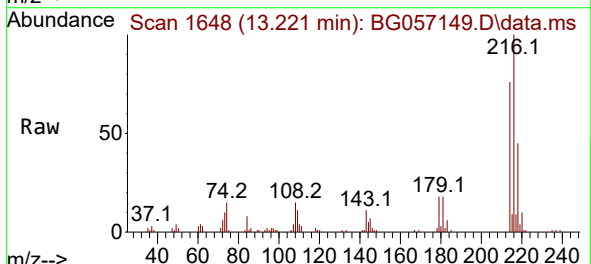
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042023

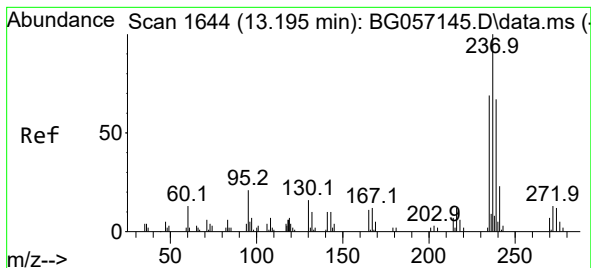
Tgt Ion:164 Resp: 26590
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.0 121.4
 160 50.5 34.6 51.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.024 ng
 RT: 13.221 min Scan# 1648
 Delta R.T. -0.004 min
 Lab File: BG057149.D
 Acq: 20 Apr 2023 16:59

Tgt Ion:216 Resp: 40491
 Ion Ratio Lower Upper
 216 100
 214 78.8 62.9 94.3
 179 19.1 15.8 23.6
 108 15.3 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 43.150 ng

RT: 13.198 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

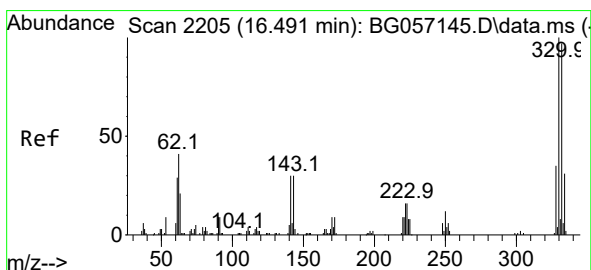
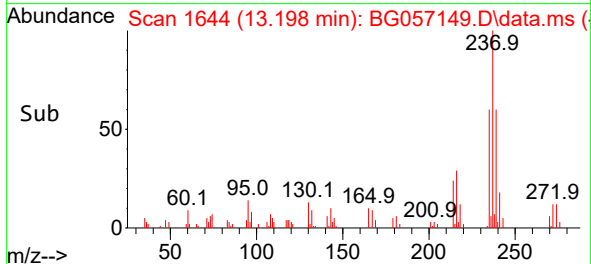
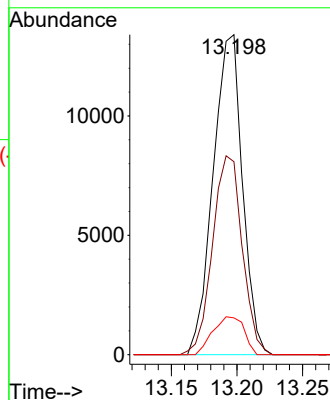
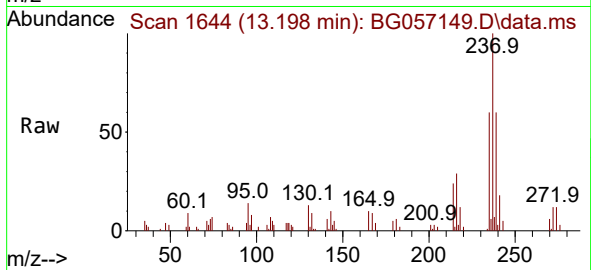
Tgt Ion:237 Resp: 20801

Ion Ratio Lower Upper

237 100

235 60.3 48.6 88.6

272 11.5 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 87.758 ng

RT: 16.487 min Scan# 2204

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

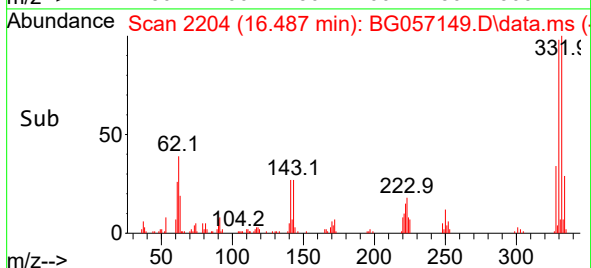
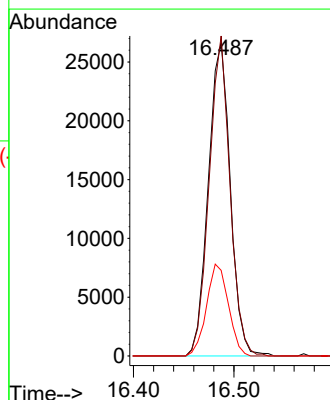
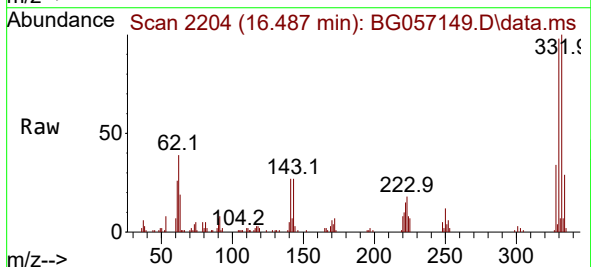
Tgt Ion:330 Resp: 40538

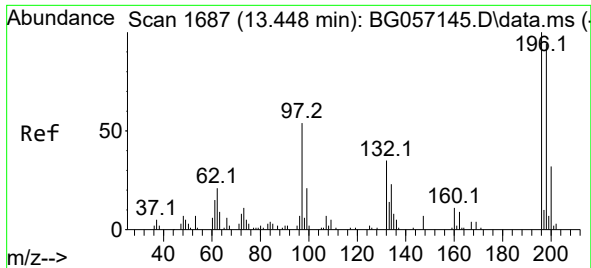
Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 29.1 24.5 36.7

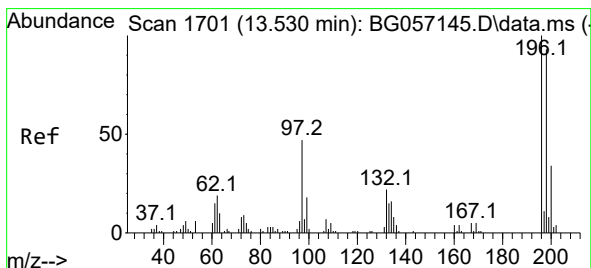
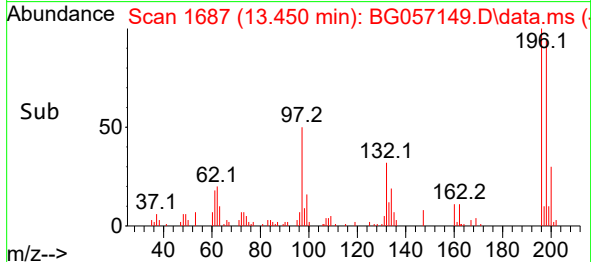
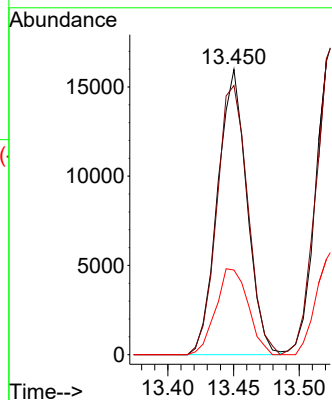
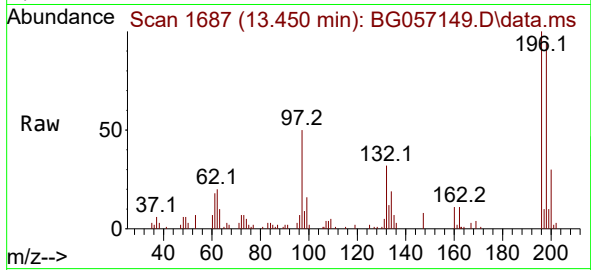




#43
2,4,6-Trichlorophenol
Concen: 43.493 ng
RT: 13.450 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

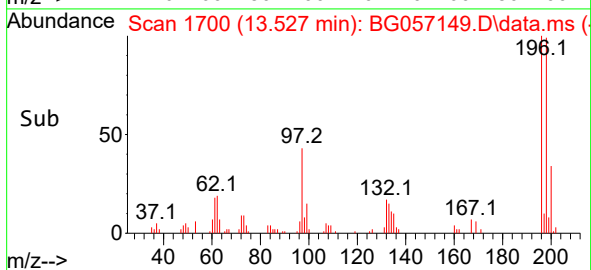
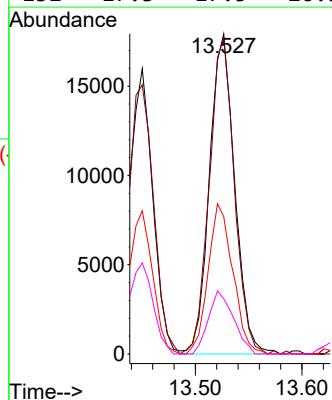
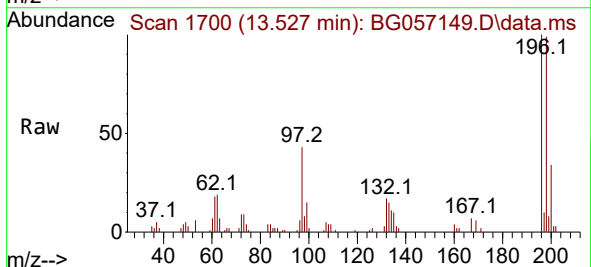
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

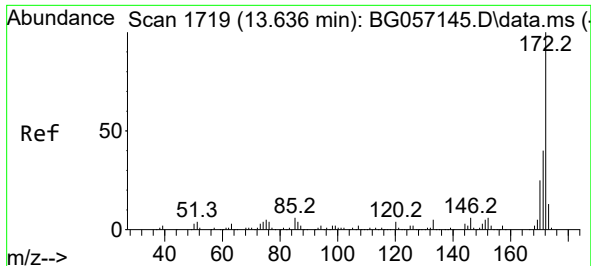
Tgt Ion:196 Resp: 24807
Ion Ratio Lower Upper
196 100
198 94.4 75.3 112.9
200 29.6 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 43.335 ng
RT: 13.527 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:196 Resp: 29449
Ion Ratio Lower Upper
196 100
198 98.7 75.4 113.0
97 42.9 37.8 56.6
132 17.3 17.5 26.3#

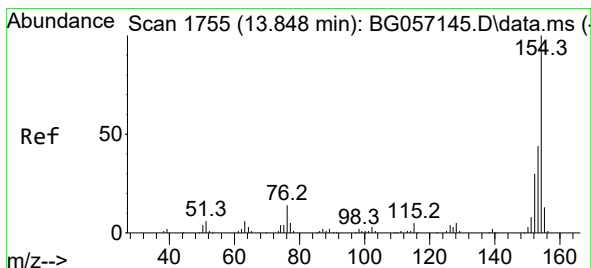
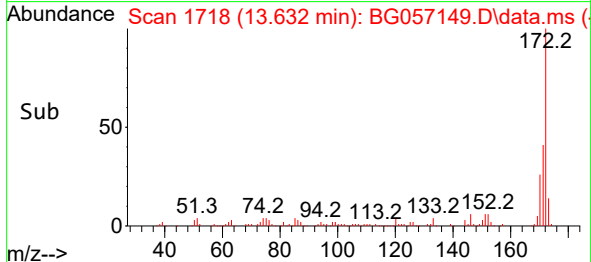
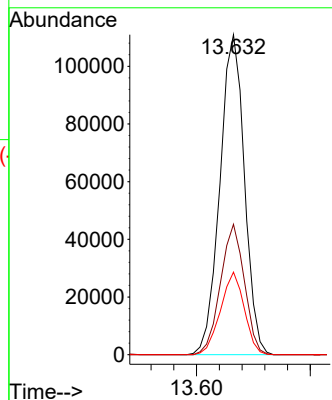
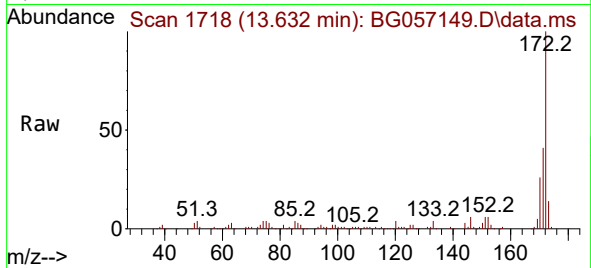




#45
2-Fluorobiphenyl
Concen: 82.927 ng
RT: 13.632 min Scan# 1719
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

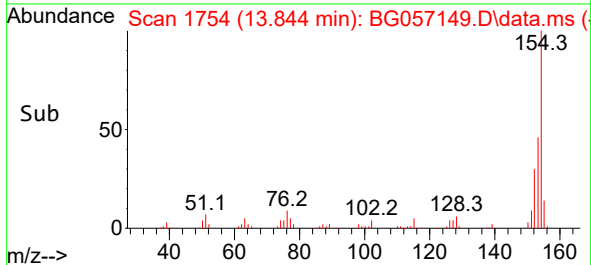
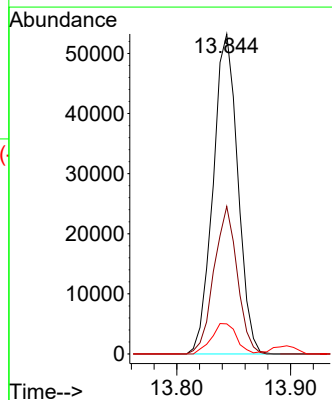
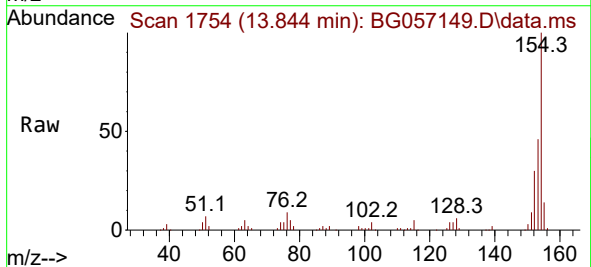
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

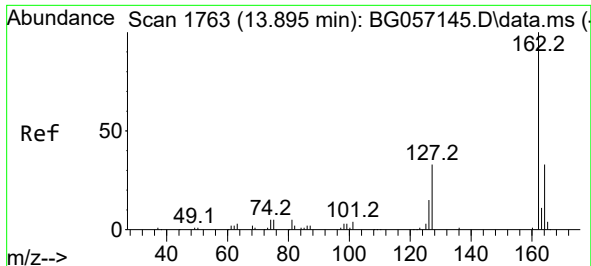
Tgt Ion:172 Resp: 166316
Ion Ratio Lower Upper
172 100
171 40.7 31.8 47.8
170 25.8 19.9 29.9



#46
1,1'-Biphenyl
Concen: 40.136 ng
RT: 13.844 min Scan# 1754
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:154 Resp: 80269
Ion Ratio Lower Upper
154 100
153 46.1 23.6 63.6
76 9.4 0.0 33.5

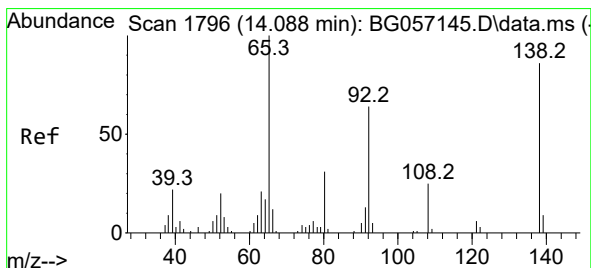
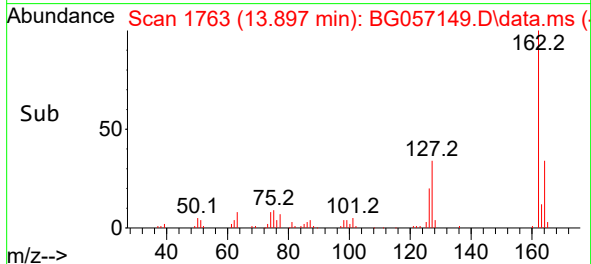
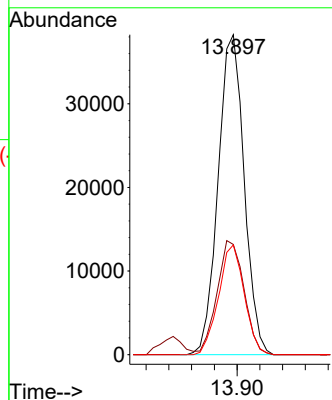
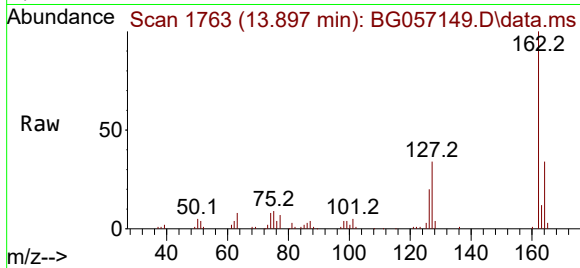




#47
2-Chloronaphthalene
Concen: 40.732 ng
RT: 13.897 min Scan# 1763
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

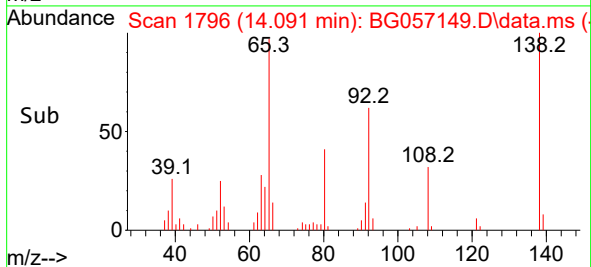
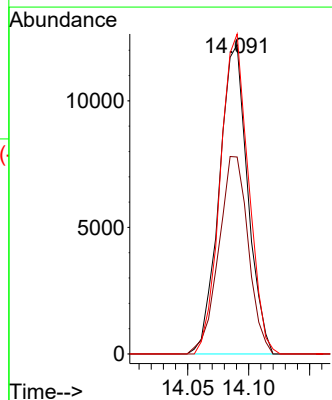
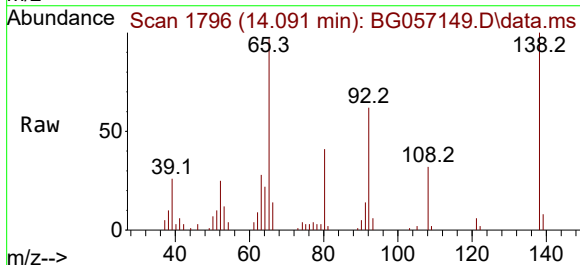
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

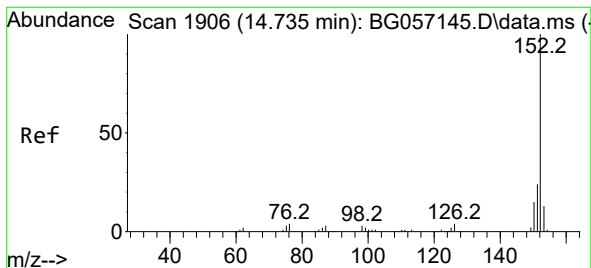
Tgt Ion:	162	Resp:	60892
Ion Ratio	Lower	Upper	
162	100		
127	34.5	29.0	43.6
164	34.3	26.2	39.2



#48
2-Nitroaniline
Concen: 39.475 ng
RT: 14.091 min Scan# 1796
Delta R.T. 0.003 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:	65	Resp:	19861
Ion Ratio	Lower	Upper	
65	100		
92	63.7	51.1	76.7
138	103.4	69.1	103.7





#49

Acenaphthylene

Concen: 40.464 ng

RT: 14.731 min Scan# 1906

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

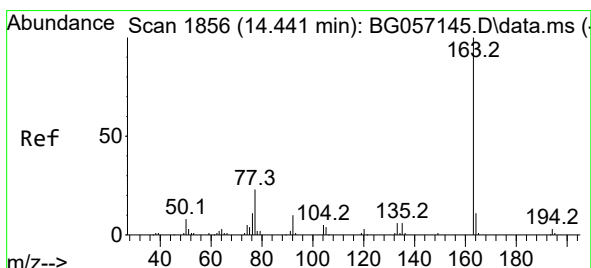
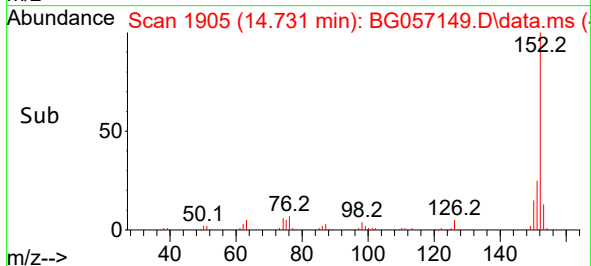
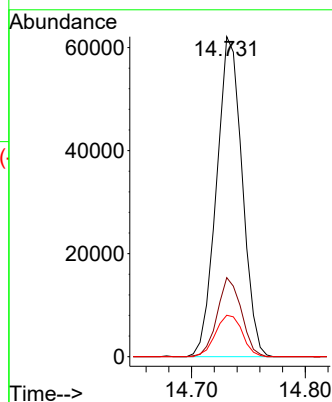
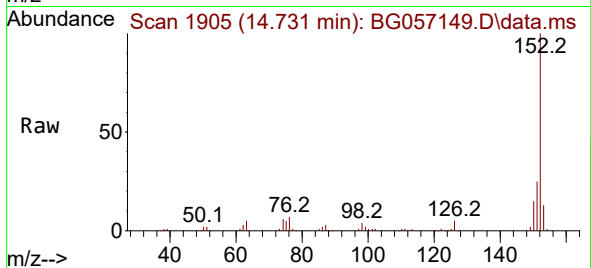
Tgt Ion:152 Resp: 97376

Ion Ratio Lower Upper

152 100

151 24.7 19.3 28.9

153 12.9 10.2 15.2



#50

Dimethylphthalate

Concen: 40.702 ng

RT: 14.443 min Scan# 1856

Delta R.T. 0.002 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

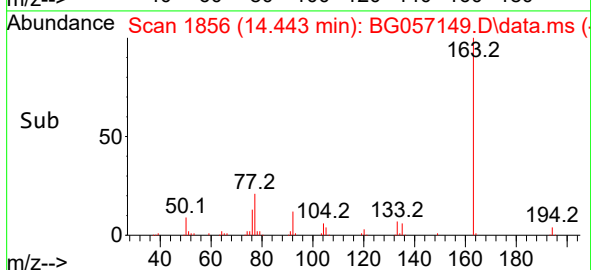
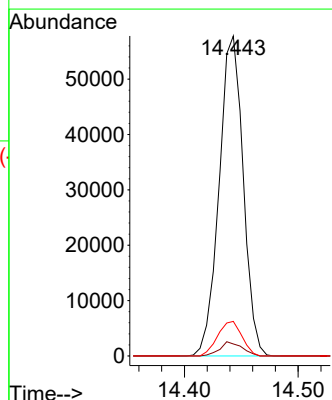
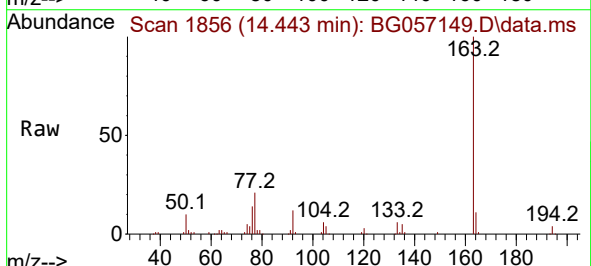
Tgt Ion:163 Resp: 85025

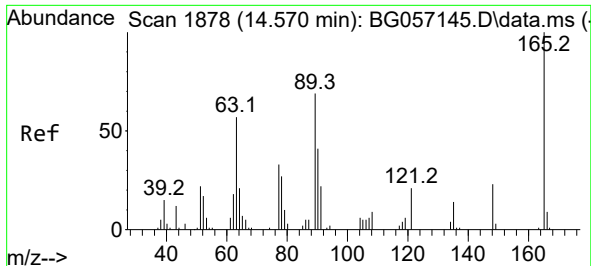
Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

164 10.8 8.8 13.2

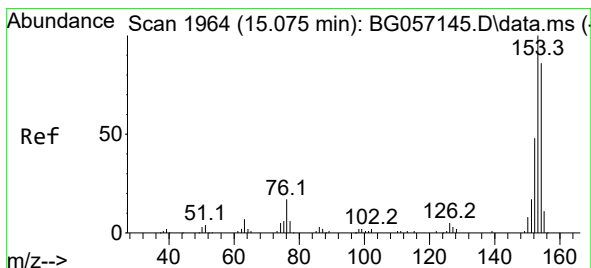
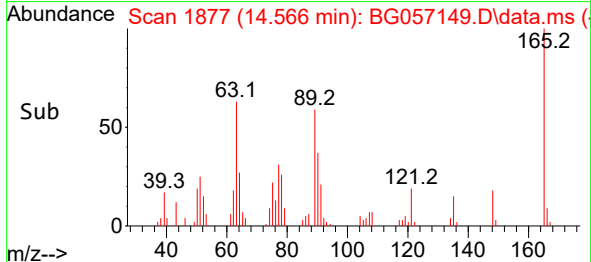
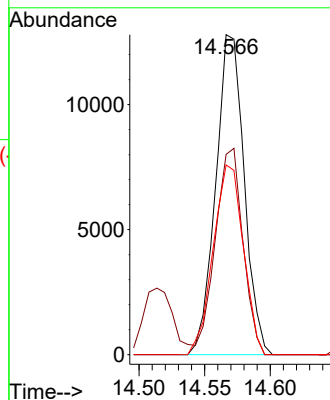
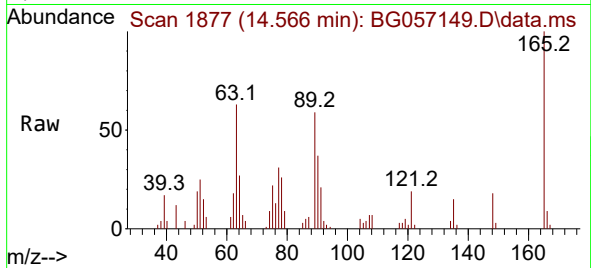




#51
2,6-Dinitrotoluene
Concen: 42.403 ng
RT: 14.566 min Scan# 1877
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

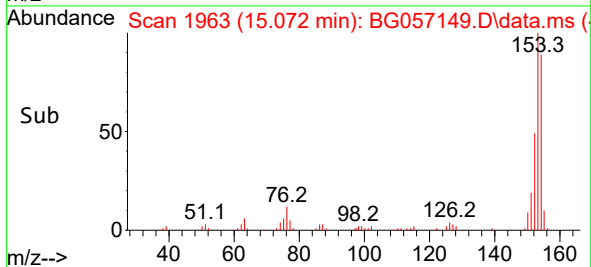
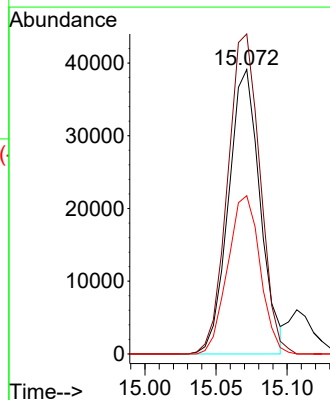
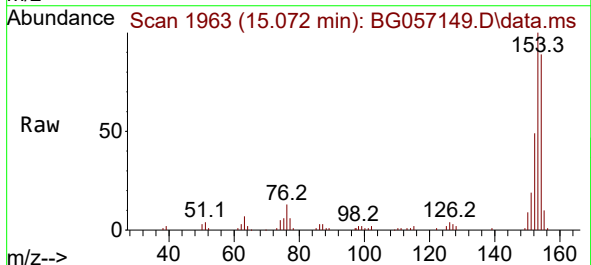
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

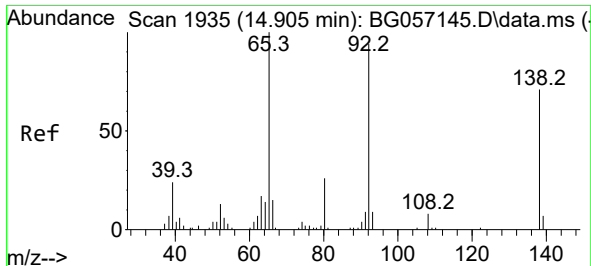
Tgt Ion:165 Resp: 19291
Ion Ratio Lower Upper
165 100
63 62.6 49.7 74.5
89 59.3 55.2 82.8



#52
Acenaphthene
Concen: 40.362 ng
RT: 15.072 min Scan# 1963
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:154 Resp: 60577
Ion Ratio Lower Upper
154 100
153 112.5 93.2 139.8
152 55.6 44.7 67.1

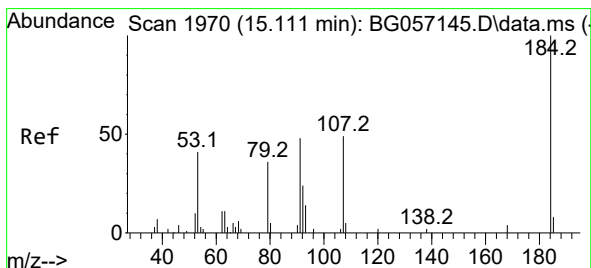
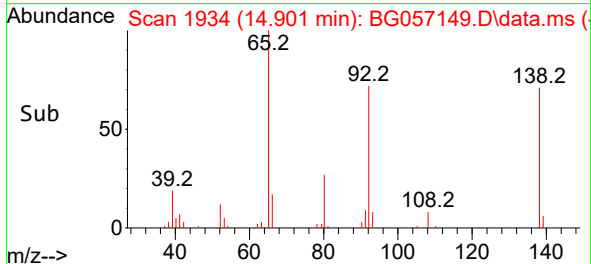
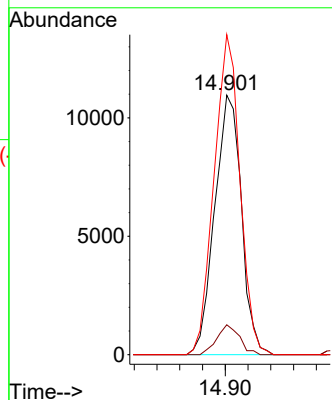
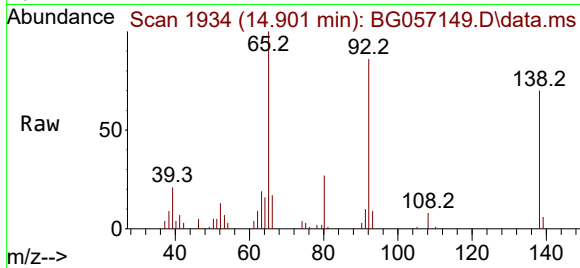




#53
3-Nitroaniline
Concen: 40.547 ng
RT: 14.901 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

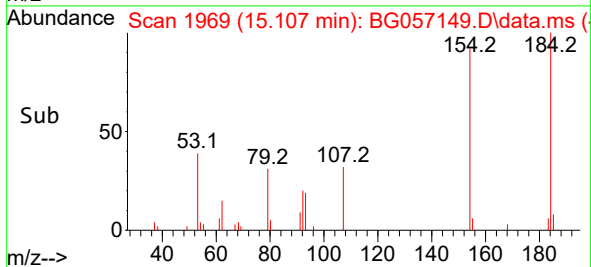
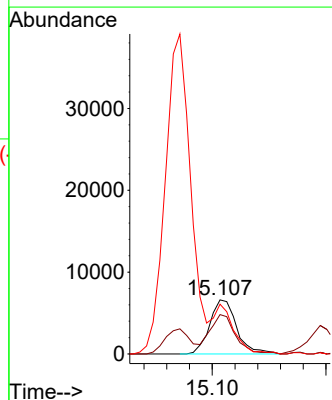
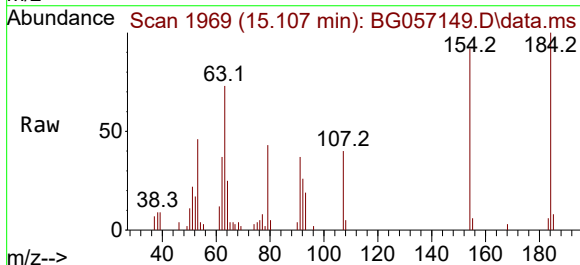
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

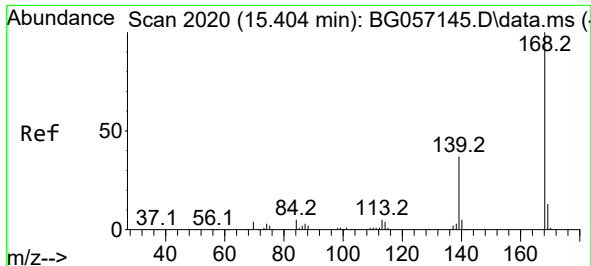
Tgt Ion:138 Resp: 17859
Ion Ratio Lower Upper
138 100
108 11.5 8.6 12.8
92 123.3 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 40.385 ng
RT: 15.107 min Scan# 1969
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:184 Resp: 10876
Ion Ratio Lower Upper
184 100
63 72.8 51.6 77.4
154 91.9 54.5 81.7#

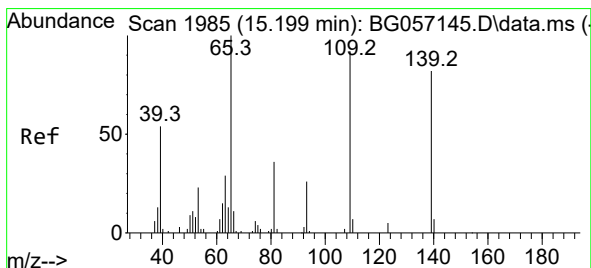
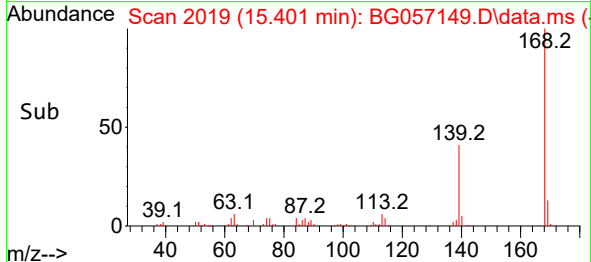
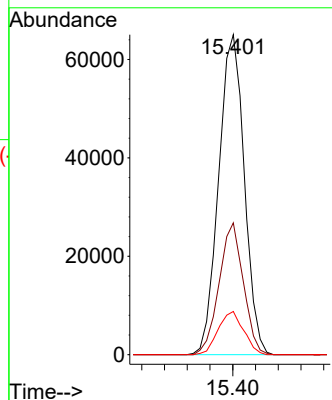
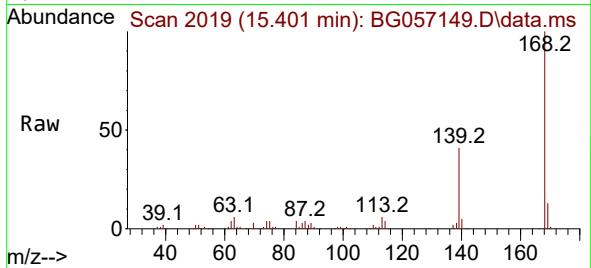




#55
Dibenzenofuran
Concen: 40.584 ng
RT: 15.401 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

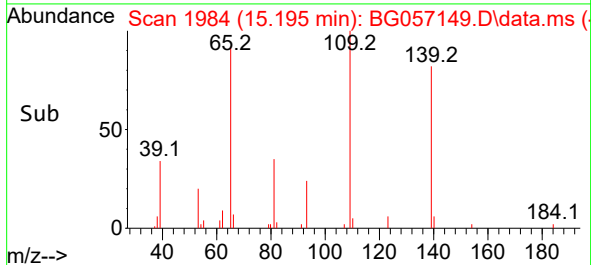
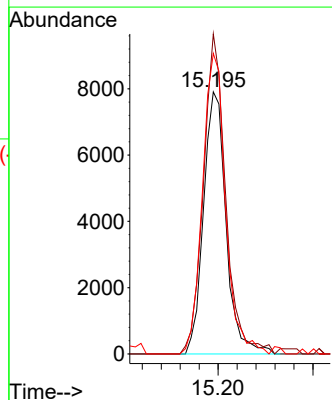
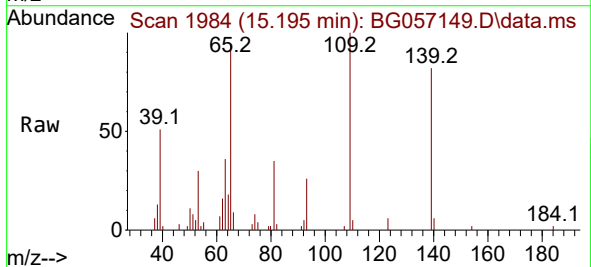
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

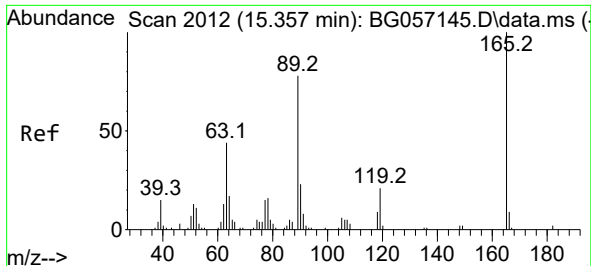
Tgt Ion:168 Resp: 101776
Ion Ratio Lower Upper
168 100
139 41.2 30.0 45.0
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 43.918 ng
RT: 15.195 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:139 Resp: 13061
Ion Ratio Lower Upper
139 100
109 122.1 92.0 132.0
65 114.7 101.4 141.4





#57

2,4-Dinitrotoluene

Concen: 42.782 ng

RT: 15.354 min Scan# 2012

Delta R.T. -0.004 min

Lab File: BG057149.D

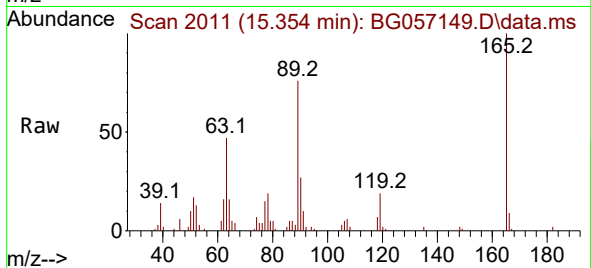
Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023



Tgt Ion:165 Resp: 27589

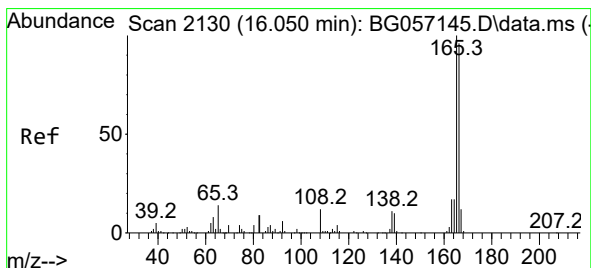
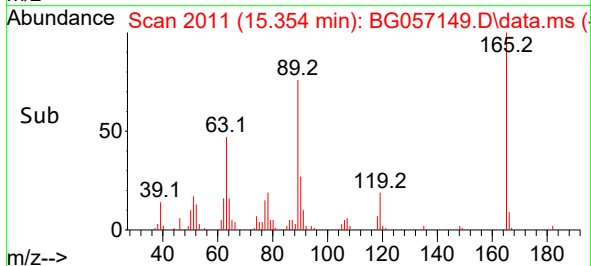
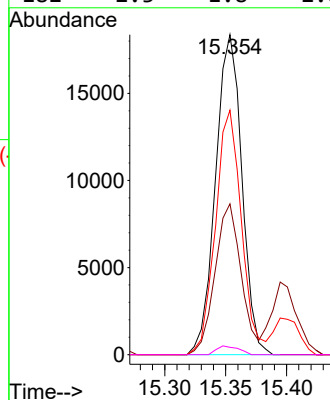
Ion Ratio Lower Upper

165 100

63 47.2 35.1 52.7

89 76.4 62.5 93.7

182 2.3 1.8 2.8



#58

Fluorene

Concen: 38.882 ng

RT: 16.047 min Scan# 2129

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

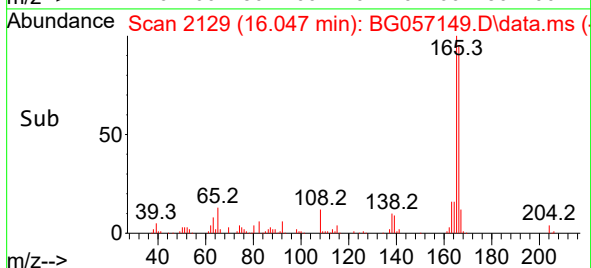
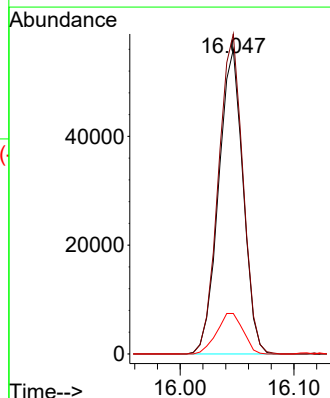
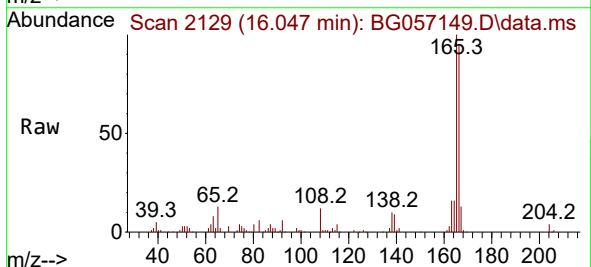
Tgt Ion:166 Resp: 83604

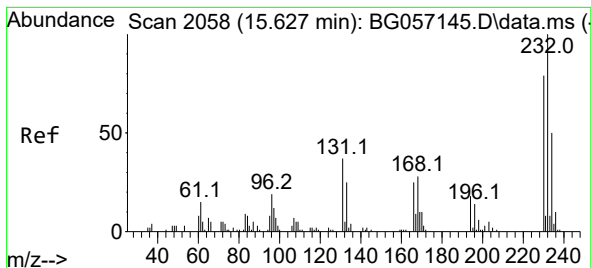
Ion Ratio Lower Upper

166 100

165 105.1 83.2 124.8

167 13.3 10.1 15.1

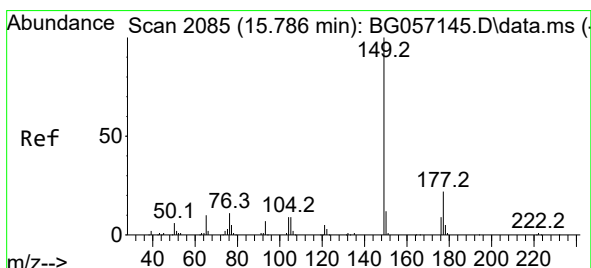
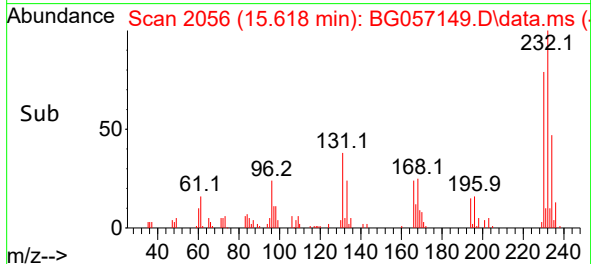
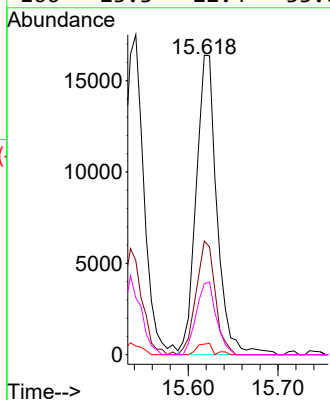
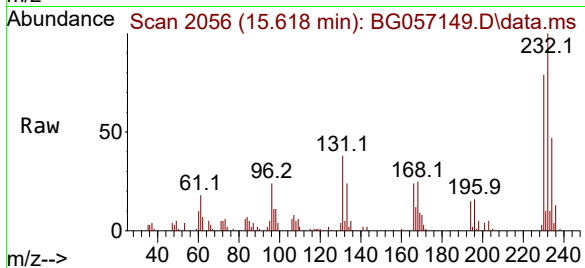




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.204 ng
RT: 15.618 min Scan# 2056
Delta R.T. -0.010 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

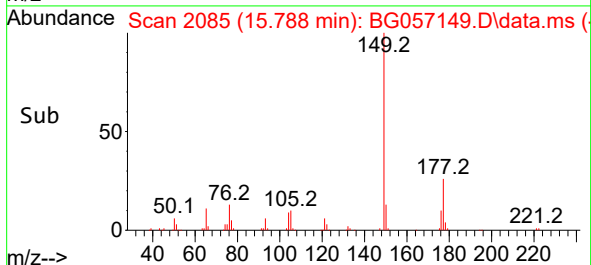
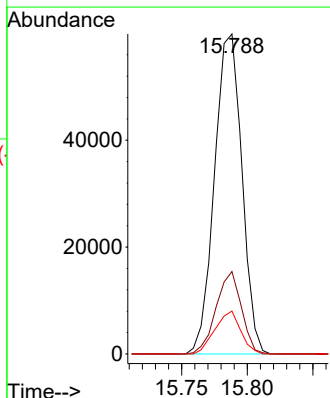
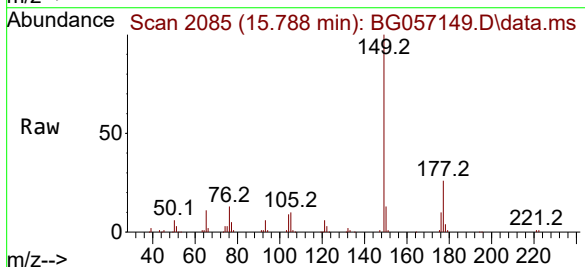
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

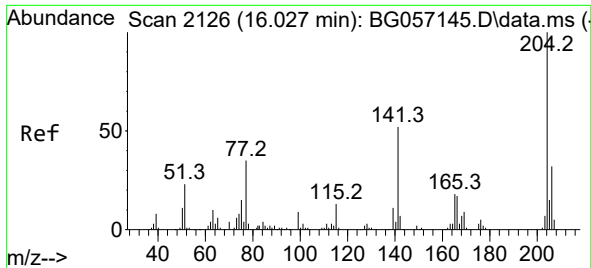
Tgt Ion:232	Resp:	26418
Ion Ratio	Lower	Upper
232	100	
131	35.0	33.1 49.7
130	3.0	2.4 3.6
166	23.3	22.4 33.6



#60
Diethylphthalate
Concen: 39.967 ng
RT: 15.788 min Scan# 2085
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:149	Resp:	86831
Ion Ratio	Lower	Upper
149	100	
177	25.8	17.8 26.6
150	13.4	9.9 14.9

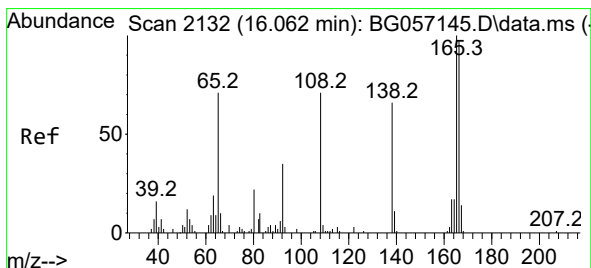
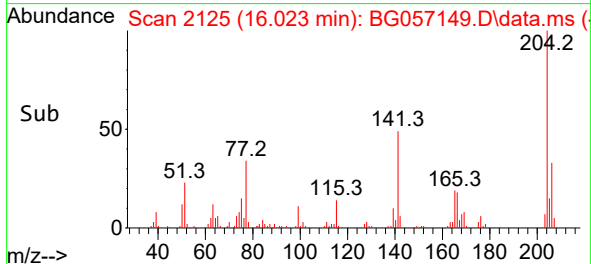
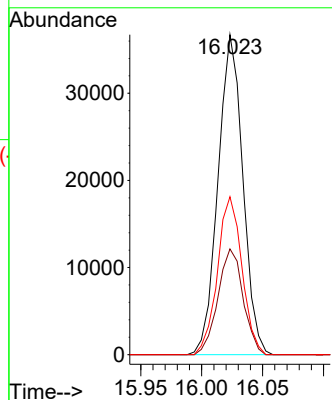
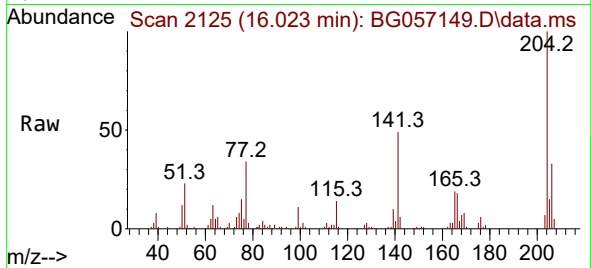




#61
4-Chlorophenyl-phenylether
Concen: 40.993 ng
RT: 16.023 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

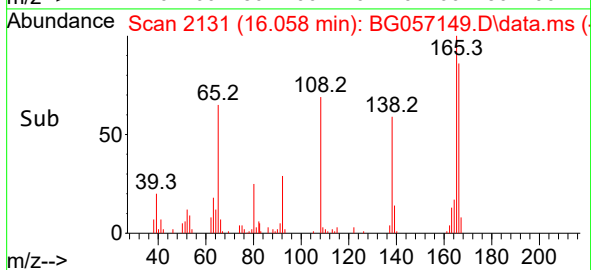
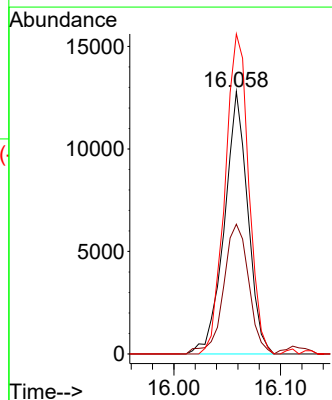
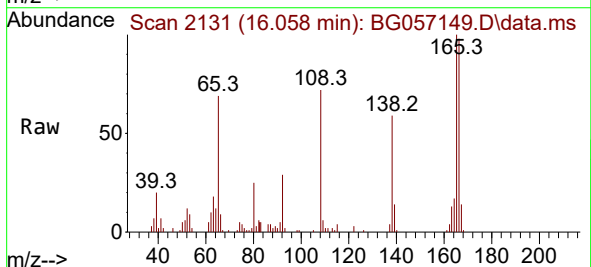
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

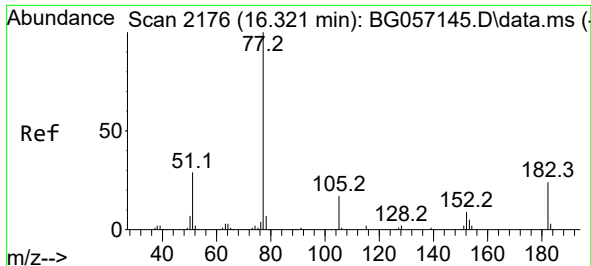
Tgt Ion:204 Resp: 51991
Ion Ratio Lower Upper
204 100
206 33.1 25.5 38.3
141 49.3 41.2 61.8



#62
4-Nitroaniline
Concen: 38.162 ng
RT: 16.058 min Scan# 2131
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:138 Resp: 19505
Ion Ratio Lower Upper
138 100
92 49.5 32.5 72.5
108 122.0 87.7 127.7

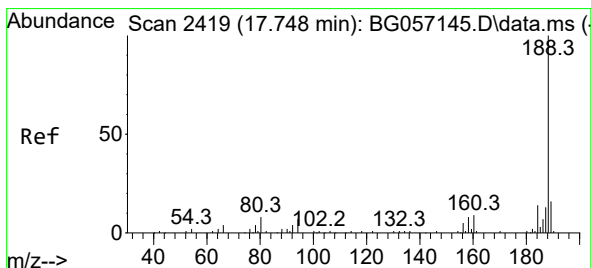
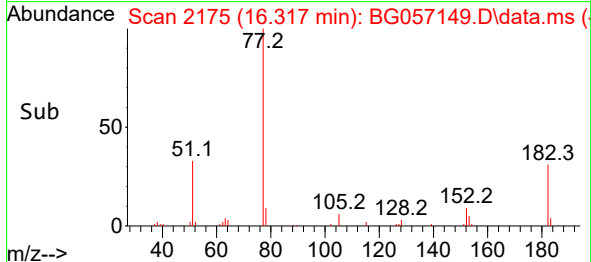
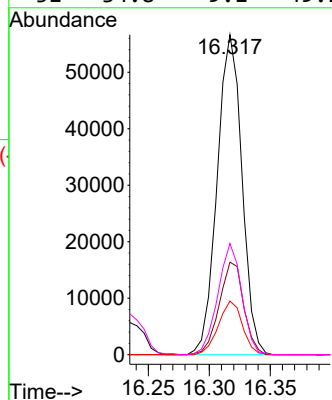
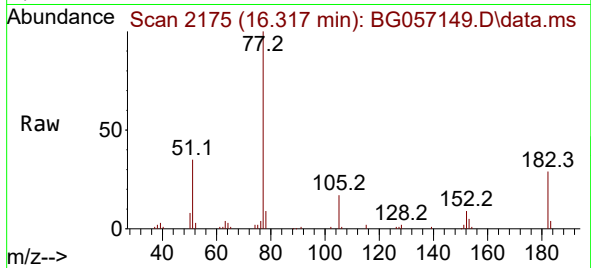




#63
Azobenzene
Concen: 36.873 ng
RT: 16.317 min Scan# 2175
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

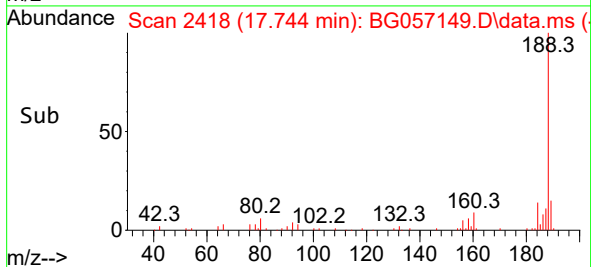
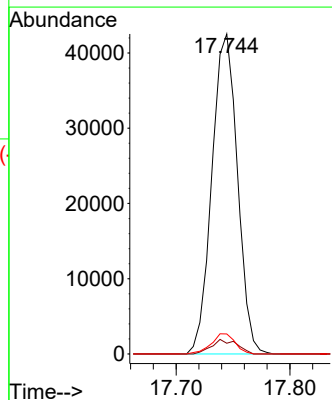
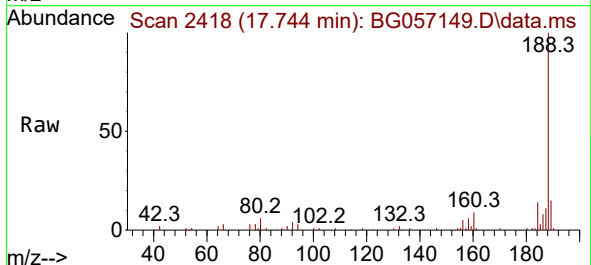
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

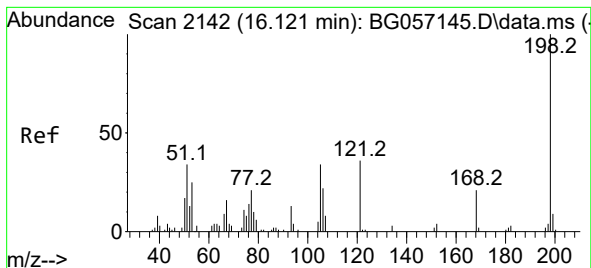
Tgt Ion: 77	Resp: 80202
Ion Ratio	Lower Upper
77 100	
182 28.9	4.3 44.3
105 16.7	0.0 37.3
51 34.8	9.1 49.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.744 min Scan# 2418
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:188	Resp: 66466
Ion Ratio	Lower Upper
188 100	
94 3.3	5.5 8.3#
80 6.2	6.3 9.5#

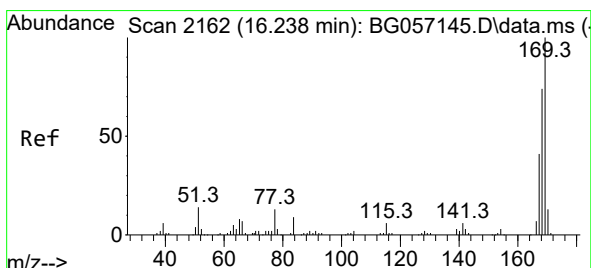
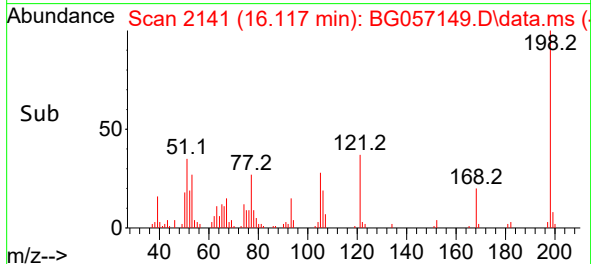
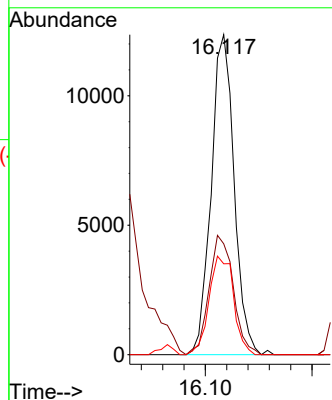
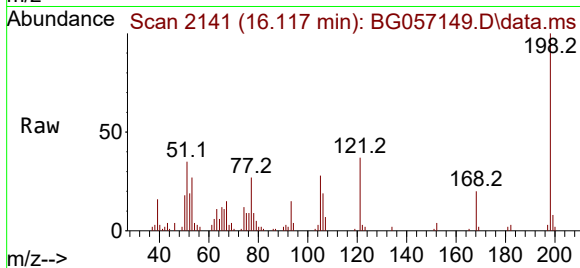




#65
4,6-Dinitro-2-methylphenol
Concen: 44.984 ng
RT: 16.117 min Scan# 2141
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

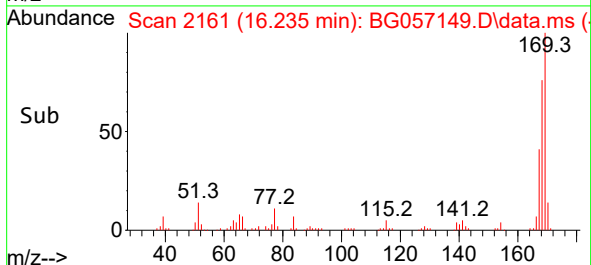
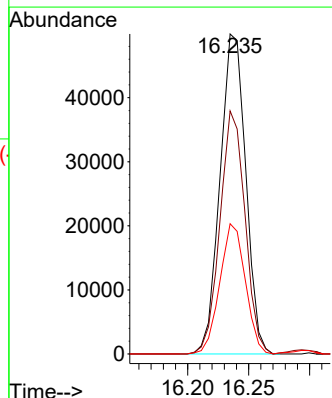
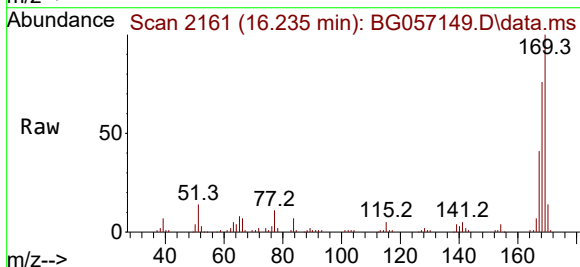
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

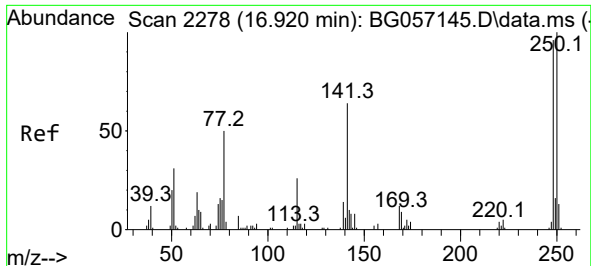
Tgt Ion:198 Resp: 18495
Ion Ratio Lower Upper
198 100
51 34.6 16.6 56.6
105 28.4 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 39.309 ng
RT: 16.235 min Scan# 2161
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:169 Resp: 73295
Ion Ratio Lower Upper
169 100
168 76.0 59.4 89.0
167 40.7 33.0 49.4

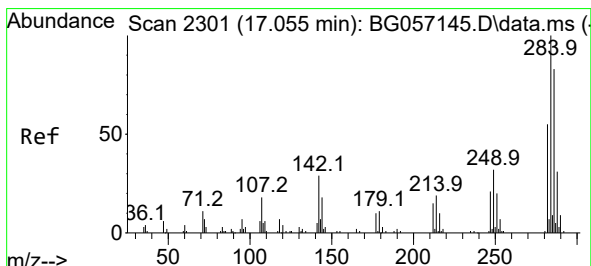
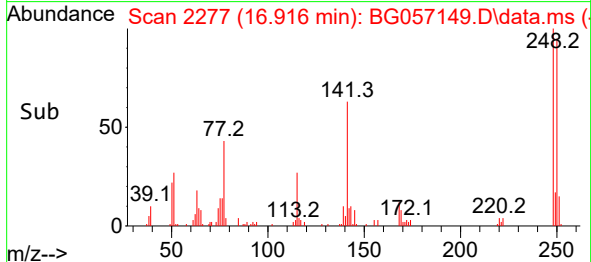
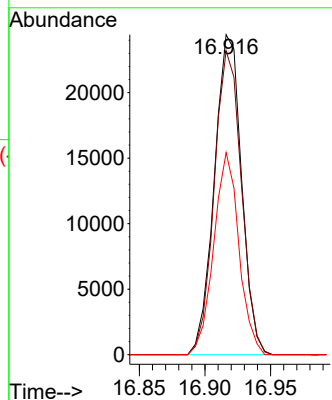
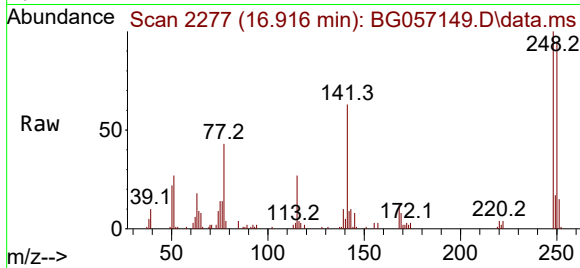




#67
4-Bromophenyl-phenylether
Concen: 42.511 ng
RT: 16.916 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

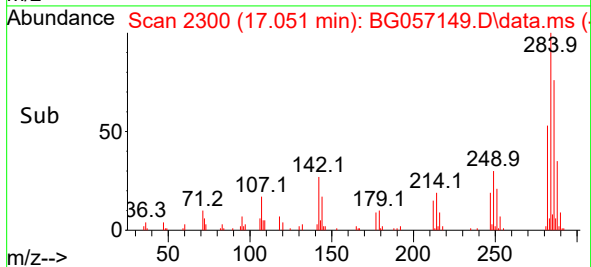
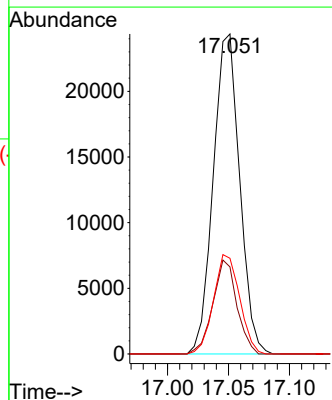
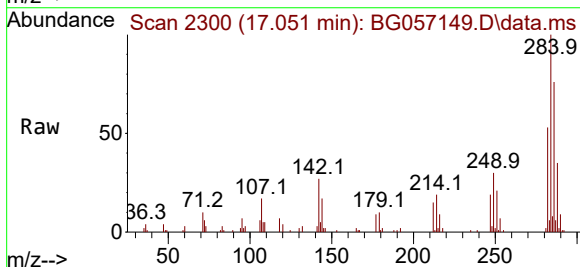
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

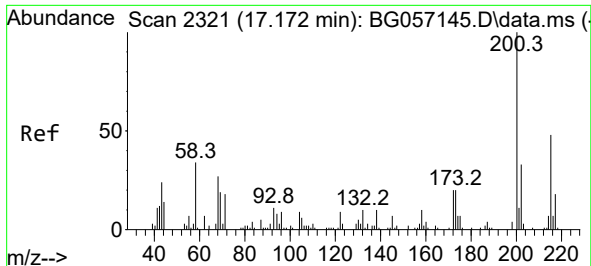
Tgt Ion:248 Resp: 35132
Ion Ratio Lower Upper
248 100
250 95.0 83.0 124.4
141 63.2 53.2 79.8



#68
Hexachlorobenzene
Concen: 42.609 ng
RT: 17.051 min Scan# 2300
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:284 Resp: 36728
Ion Ratio Lower Upper
284 100
142 27.2 23.1 34.7
249 29.9 25.8 38.6

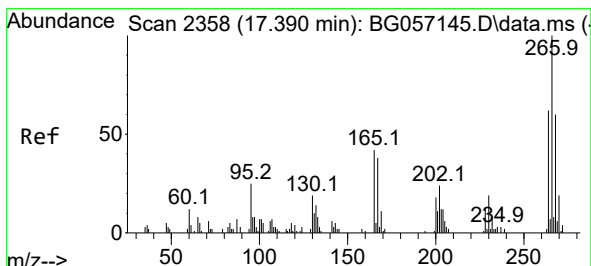
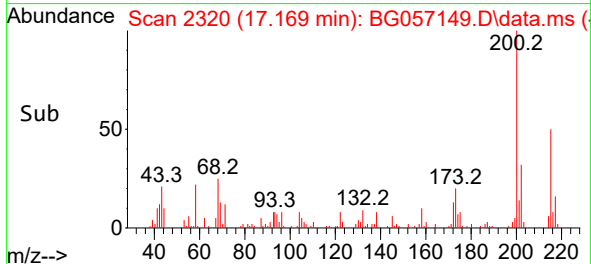
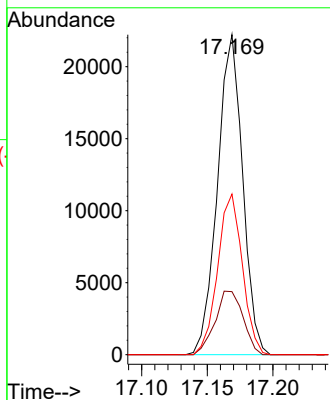
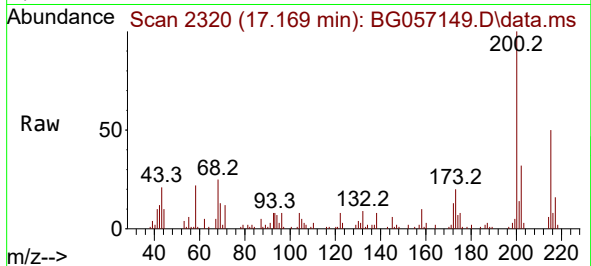




#69
Atrazine
Concen: 41.391 ng
RT: 17.169 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

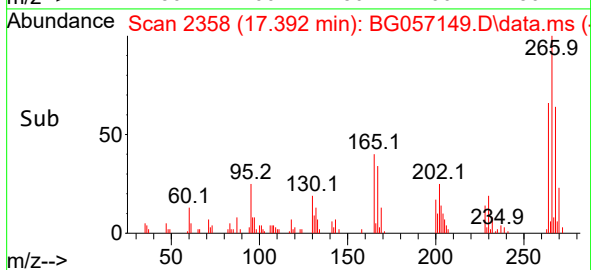
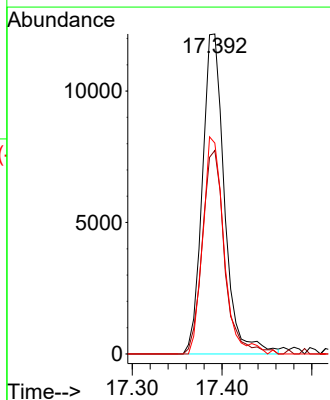
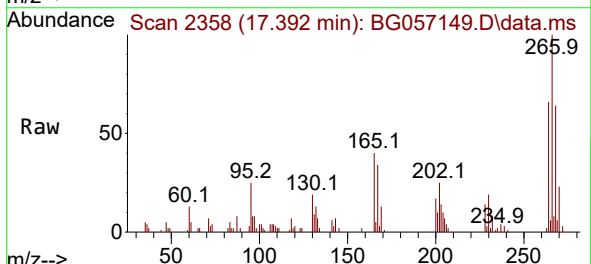
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

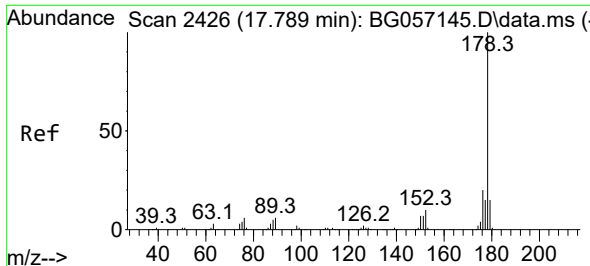
Tgt Ion:200 Resp: 29590
Ion Ratio Lower Upper
200 100
173 19.7 0.4 40.4
215 50.2 28.4 68.4



#70
Pentachlorophenol
Concen: 43.962 ng
RT: 17.392 min Scan# 2358
Delta R.T. 0.002 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:266 Resp: 20814
Ion Ratio Lower Upper
266 100
268 63.6 47.8 71.8
264 65.9 49.8 74.8

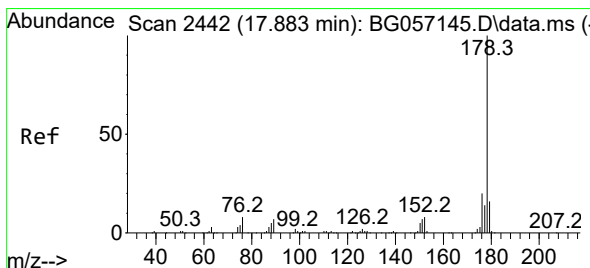
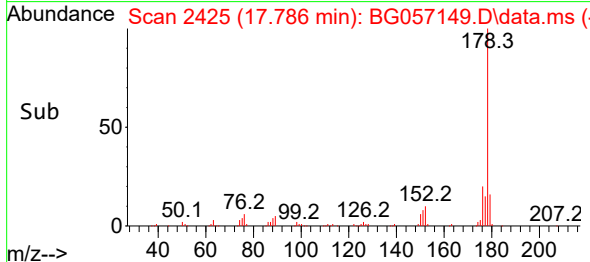
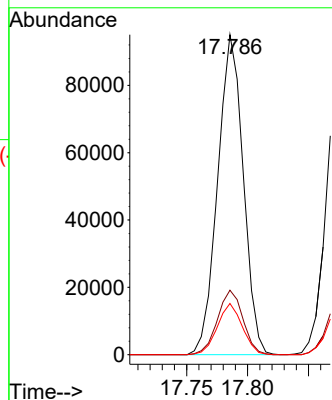
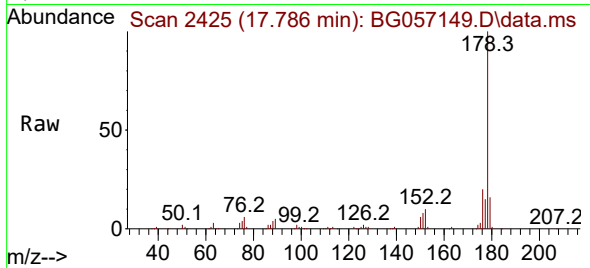




#71
Phenanthrene
Concen: 40.248 ng
RT: 17.786 min Scan# 2425
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

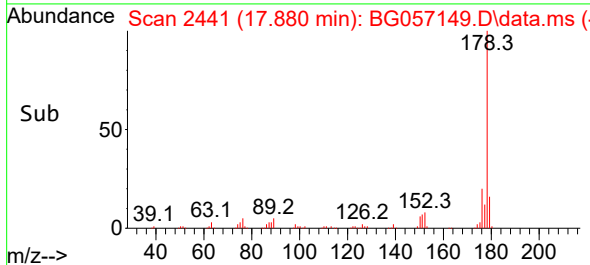
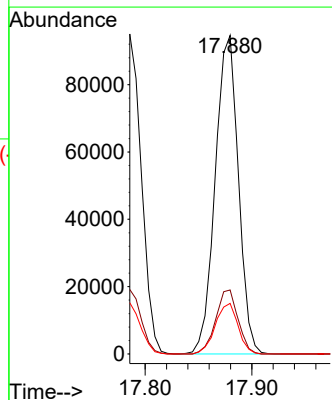
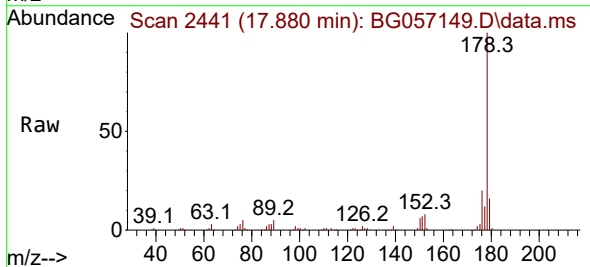
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

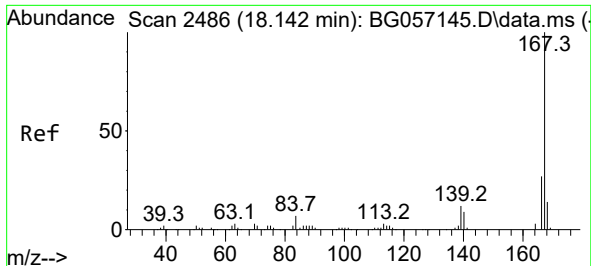
Tgt Ion:178 Resp: 138650
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 16.0 12.1 18.1



#72
Anthracene
Concen: 40.263 ng
RT: 17.880 min Scan# 2441
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:178 Resp: 142530
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.9 12.5 18.7

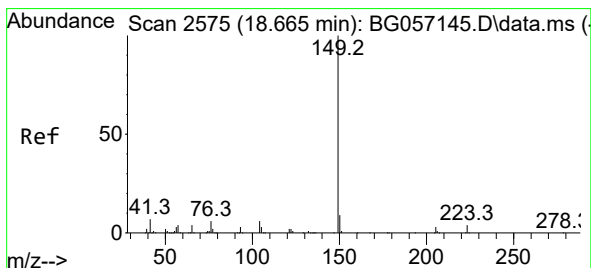
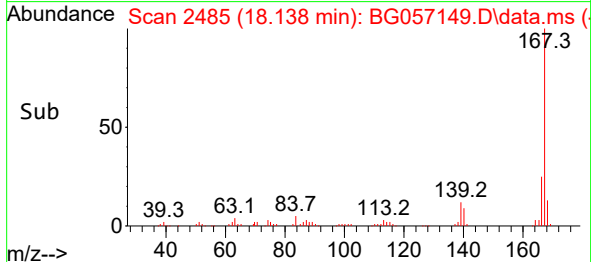
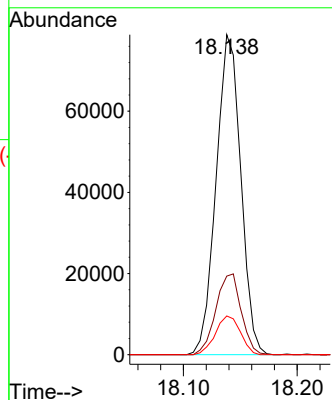
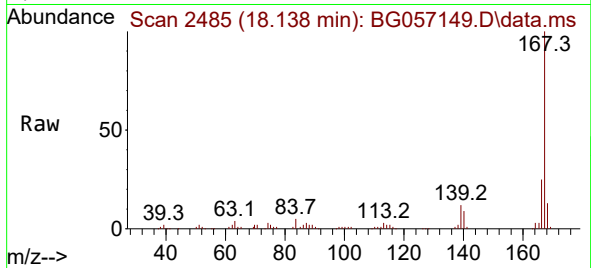




#73
 Carbazole
 Concen: 39.863 ng
 RT: 18.138 min Scan# 2485
 Delta R.T. -0.004 min
 Lab File: BG057149.D
 Acq: 20 Apr 2023 16:59

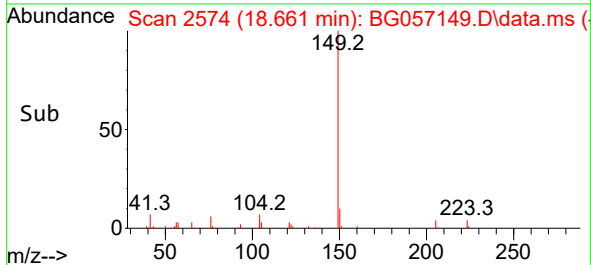
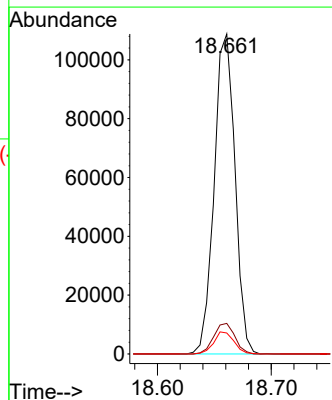
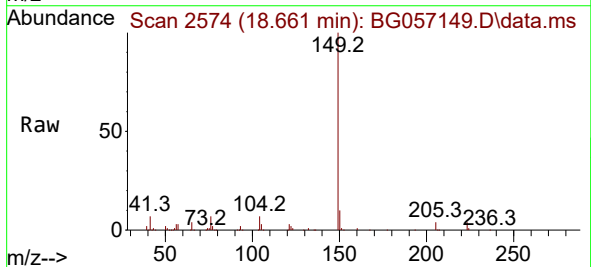
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042023

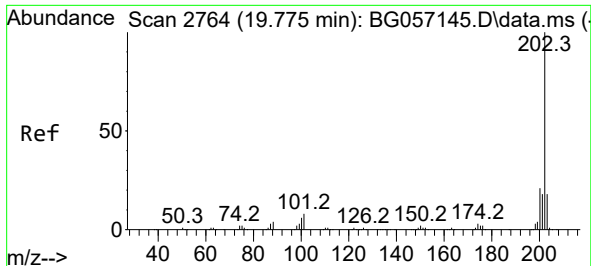
Tgt Ion:167 Resp: 118931
 Ion Ratio Lower Upper
 167 100
 166 24.5 21.9 32.9
 139 12.1 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 39.206 ng
 RT: 18.661 min Scan# 2574
 Delta R.T. -0.004 min
 Lab File: BG057149.D
 Acq: 20 Apr 2023 16:59

Tgt Ion:149 Resp: 138174
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.1 10.7
 104 6.5 4.8 7.2

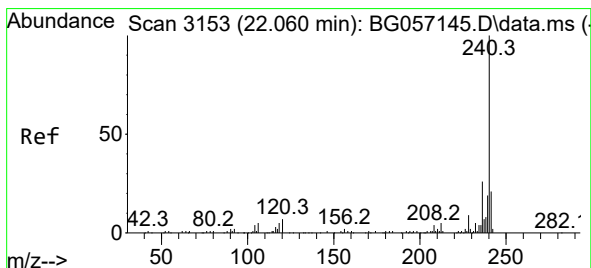
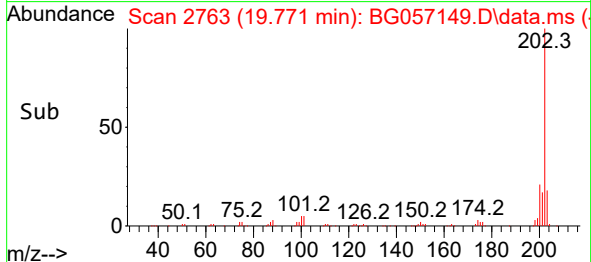
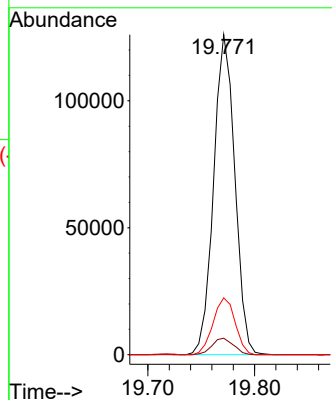
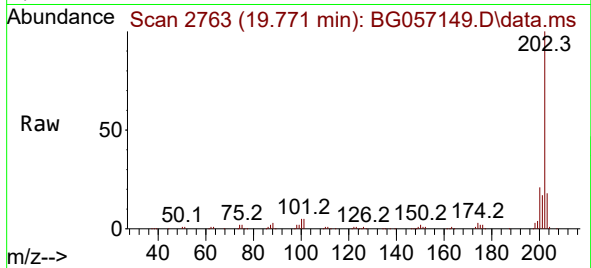




#75
Fluoranthene
Concen: 41.234 ng
RT: 19.771 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

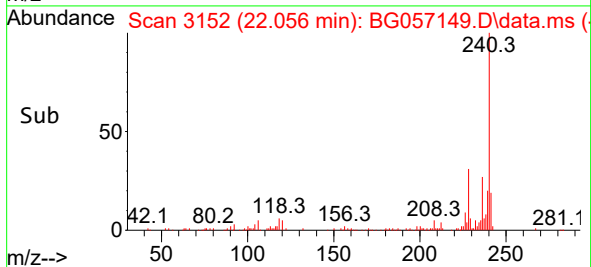
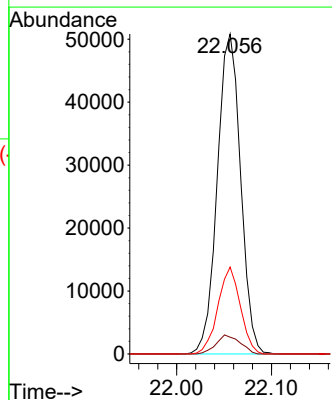
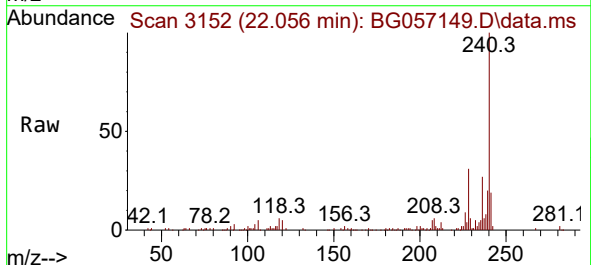
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

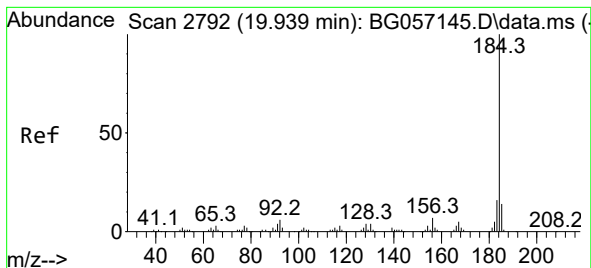
Tgt Ion:202 Resp: 173512
Ion Ratio Lower Upper
202 100
101 5.2 0.0 27.6
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.056 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:240 Resp: 86841
Ion Ratio Lower Upper
240 100
120 5.3 5.2 7.8
236 27.1 20.8 31.2





#77

Benzidine

Concen: 55.512 ng

RT: 19.936 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

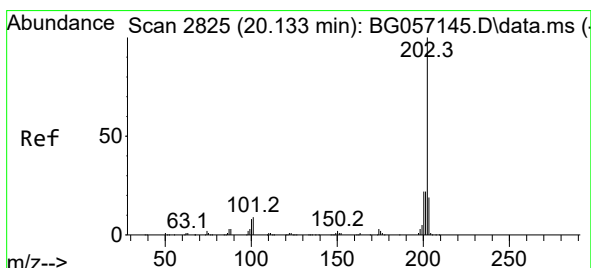
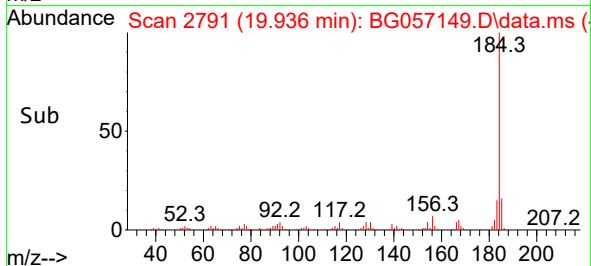
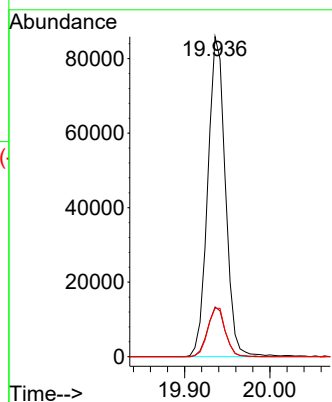
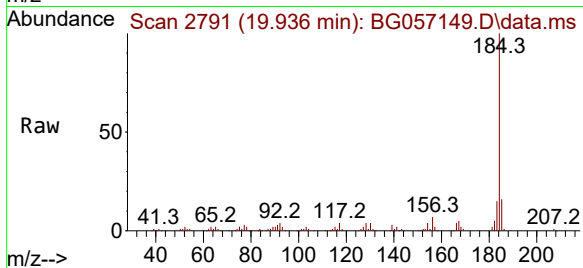
Tgt Ion:184 Resp: 122974

Ion Ratio Lower Upper

184 100

185 15.6 11.0 16.6

183 15.1 12.5 18.7



#78

Pyrene

Concen: 28.101 ng

RT: 20.135 min Scan# 2825

Delta R.T. 0.002 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

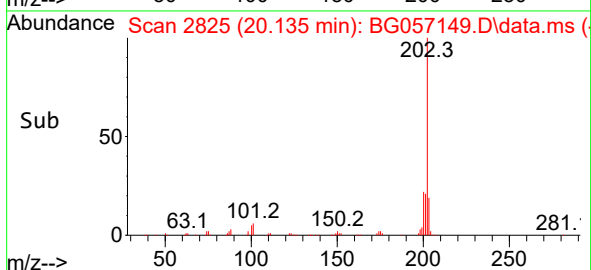
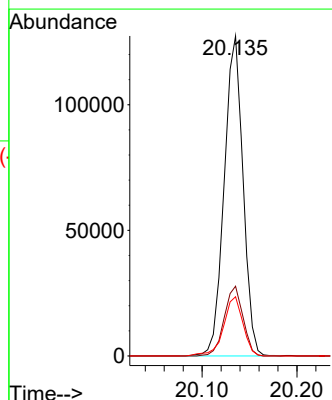
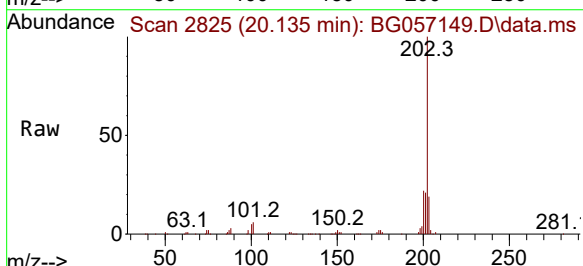
Tgt Ion:202 Resp: 175857

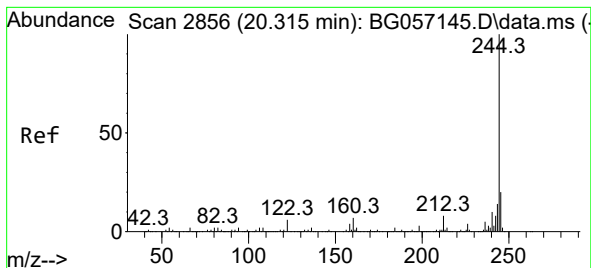
Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.8

203 18.5 15.0 22.6





#79

Terphenyl-d14

Concen: 58.172 ng

RT: 20.312 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

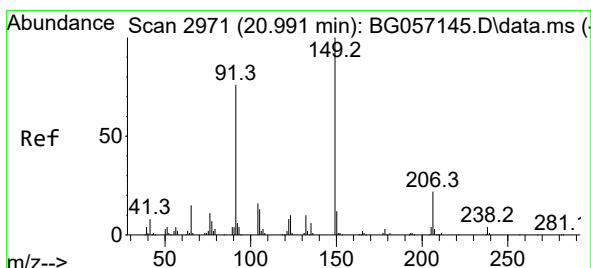
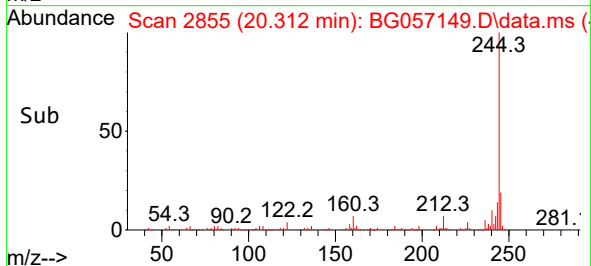
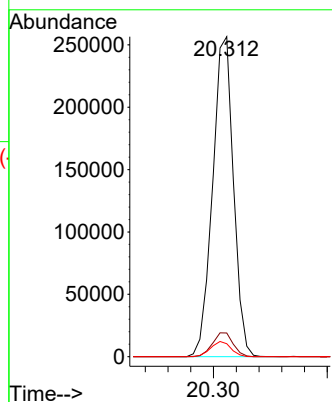
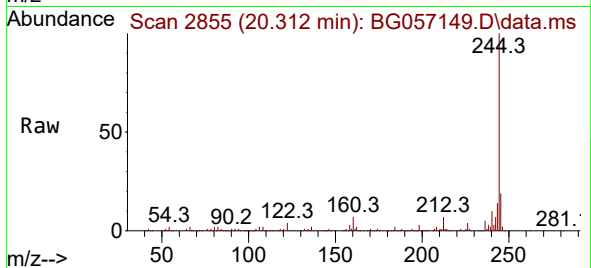
Tgt Ion:244 Resp: 326380

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 4.0 5.0 7.4#



#80

Butylbenzylphthalate

Concen: 27.779 ng

RT: 20.987 min Scan# 2970

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

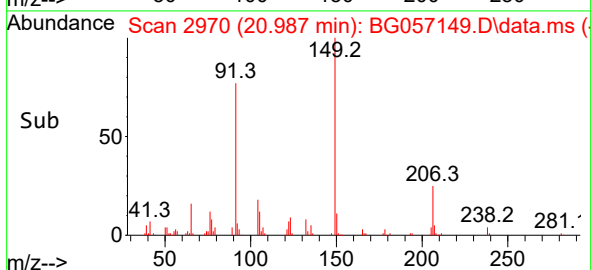
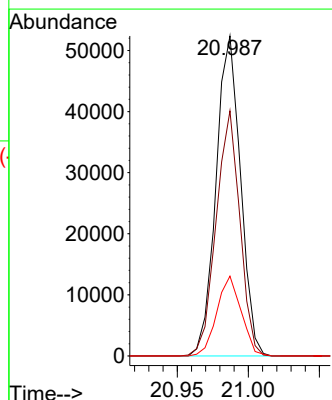
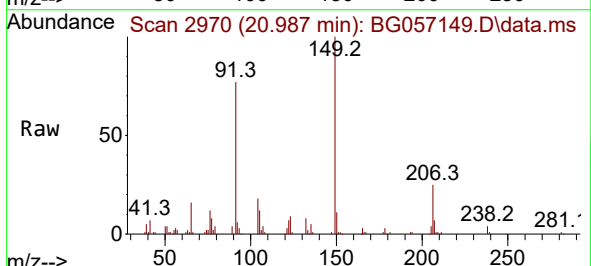
Tgt Ion:149 Resp: 62691

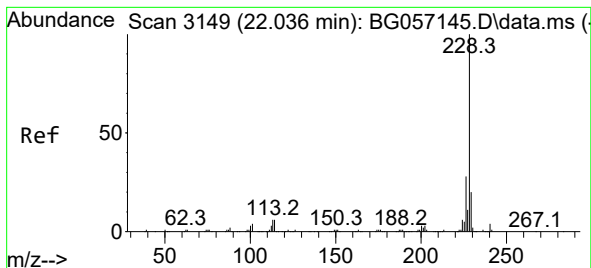
Ion Ratio Lower Upper

149 100

91 76.6 60.7 91.1

206 25.0 17.4 26.2





#81

Benzo(a)anthracene

Concen: 40.228 ng

RT: 22.033 min Scan# 3149

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

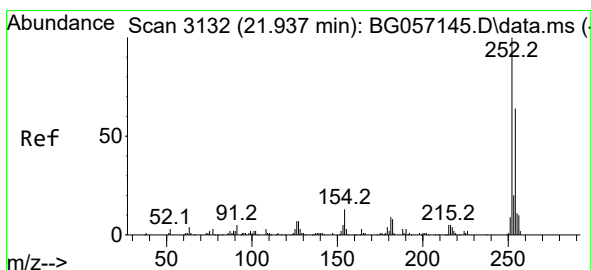
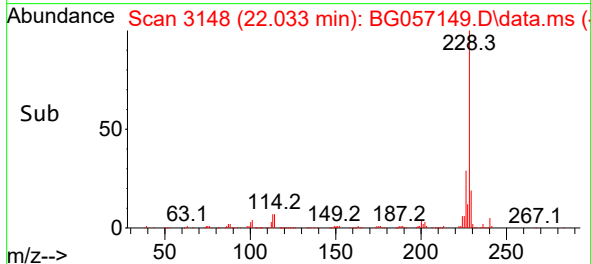
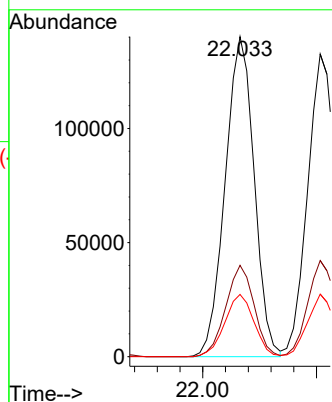
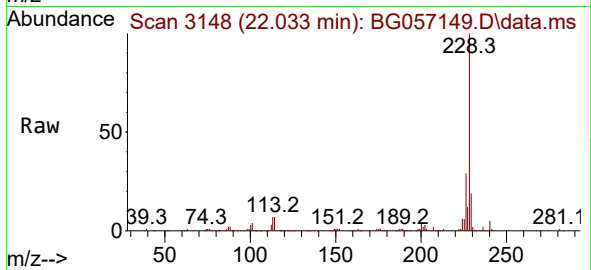
Tgt Ion:228 Resp: 248172

Ion Ratio Lower Upper

228 100

226 28.5 22.0 33.0

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.564 ng

RT: 21.927 min Scan# 3130

Delta R.T. -0.010 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

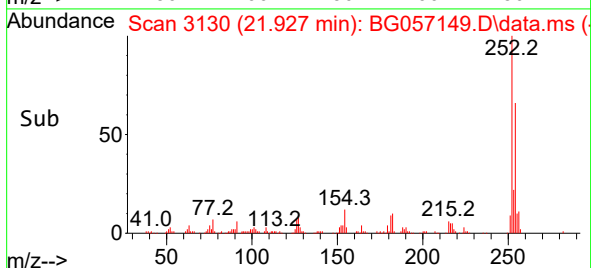
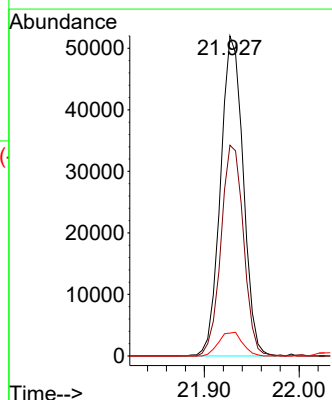
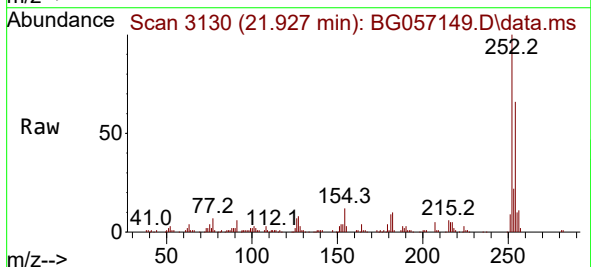
Tgt Ion:252 Resp: 86285

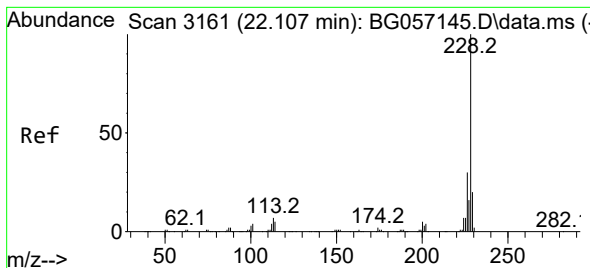
Ion Ratio Lower Upper

252 100

254 65.9 51.5 77.3

126 7.1 5.2 7.8





#83

Chrysene

Concen: 39.591 ng

RT: 22.103 min Scan# 3160

Delta R.T. -0.004 min

Lab File: BG057149.D

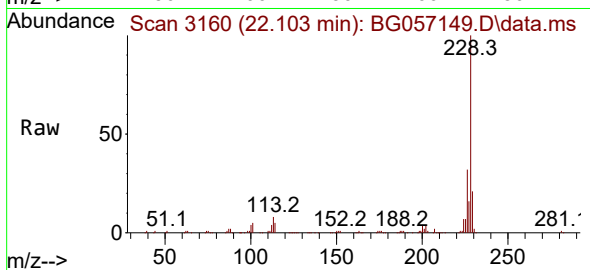
Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023



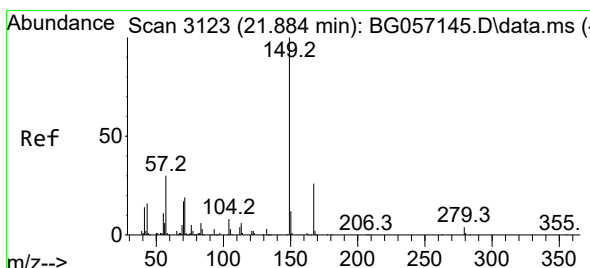
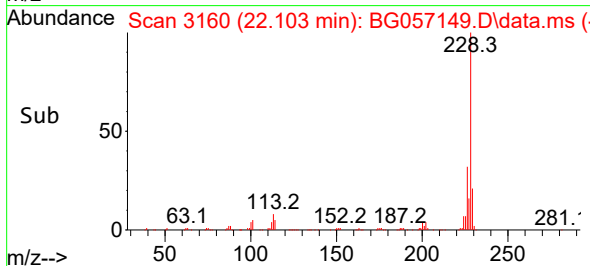
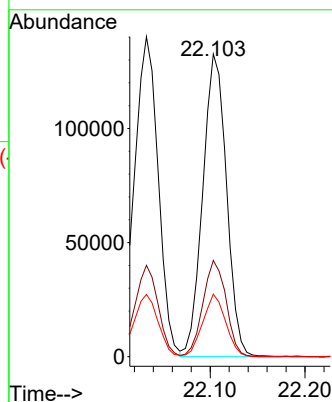
Tgt Ion:228 Resp: 230190

Ion Ratio Lower Upper

228 100

226 31.8 24.2 36.4

229 20.7 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.012 ng

RT: 21.880 min Scan# 3122

Delta R.T. -0.004 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

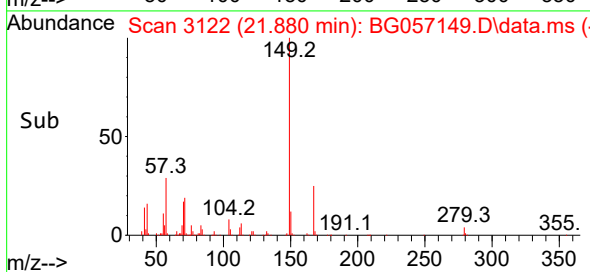
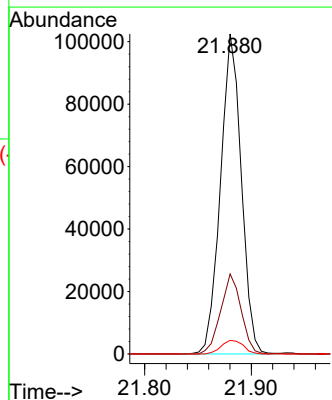
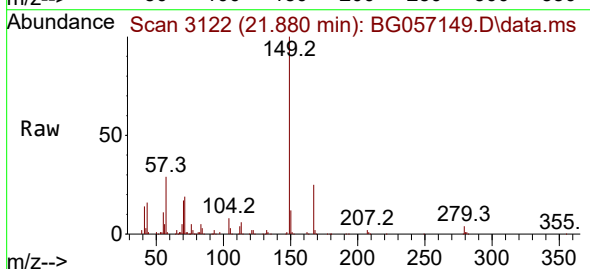
Tgt Ion:149 Resp: 138829

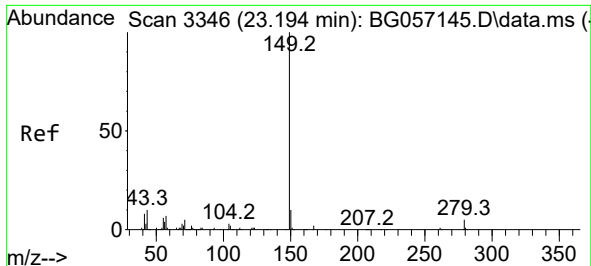
Ion Ratio Lower Upper

149 100

167 25.0 20.6 31.0

279 4.2 3.3 4.9

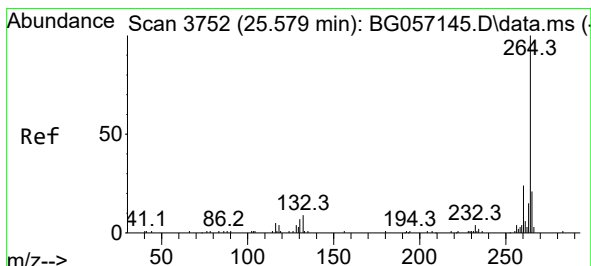
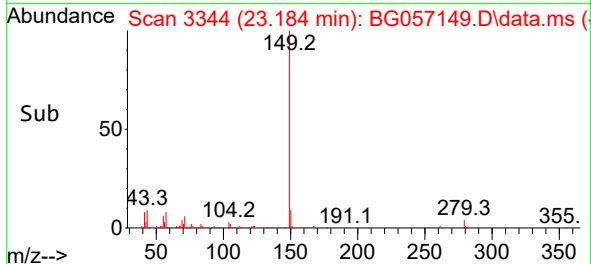
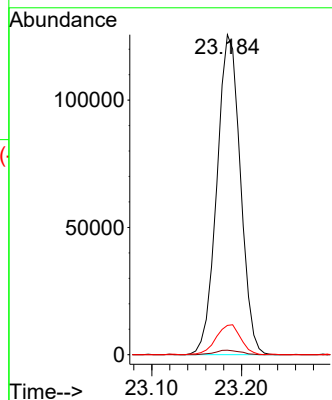
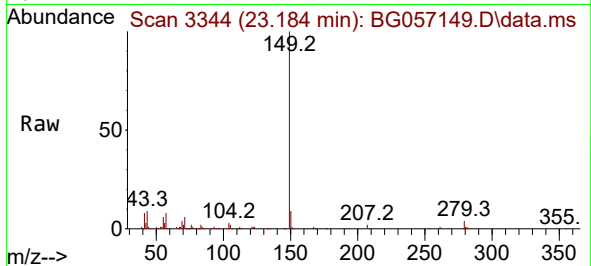




#85
Di-n-octyl phthalate
Concen: 42.916 ng
RT: 23.184 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

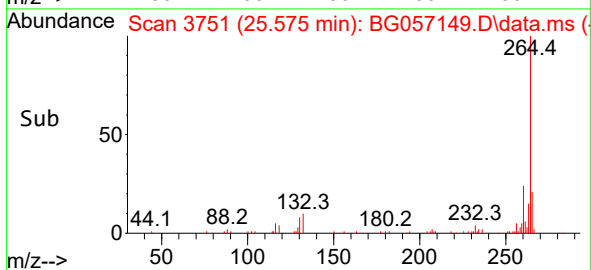
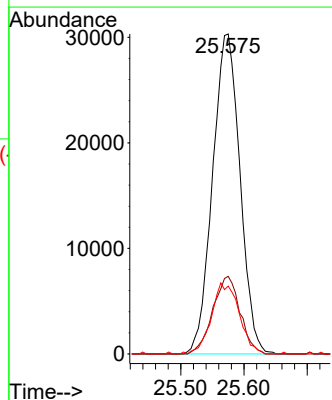
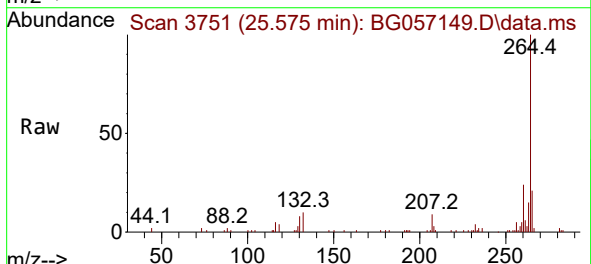
Instrument :
BNA_G
ClientSampleId :
ICVBG042023

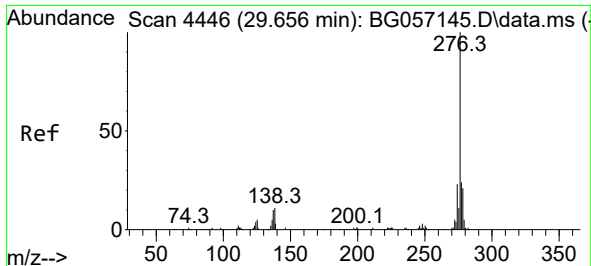
Tgt Ion:149 Resp: 227999
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.8 8.1 12.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.575 min Scan# 3751
Delta R.T. -0.004 min
Lab File: BG057149.D
Acq: 20 Apr 2023 16:59

Tgt Ion:264 Resp: 91396
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 21.2 17.6 26.4

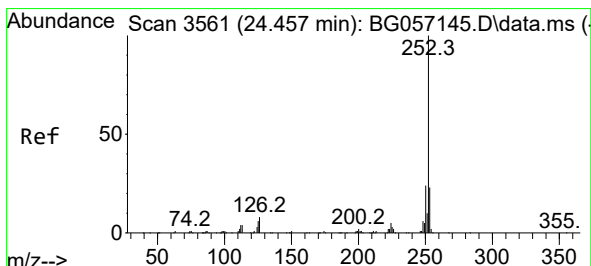
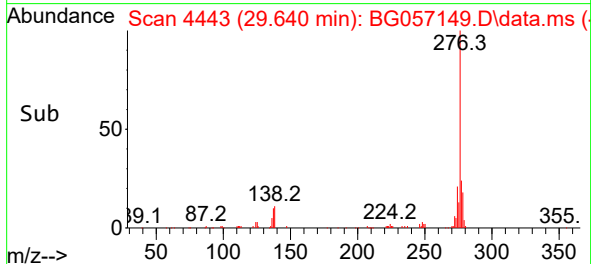
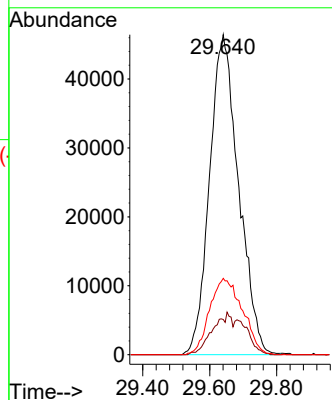
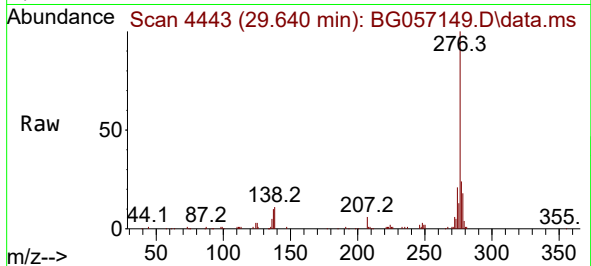




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.998 ng
 RT: 29.640 min Scan# 4446
 Delta R.T. -0.015 min
 Lab File: BG057149.D
 Acq: 20 Apr 2023 16:59

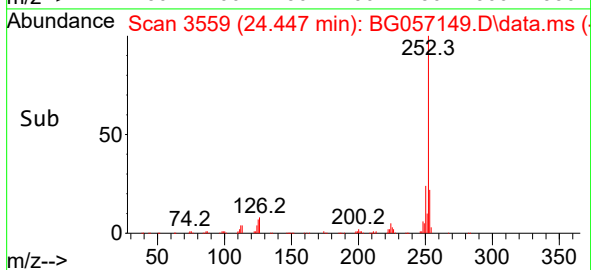
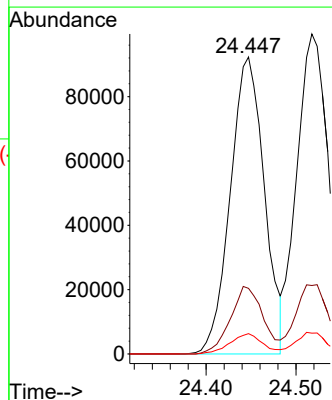
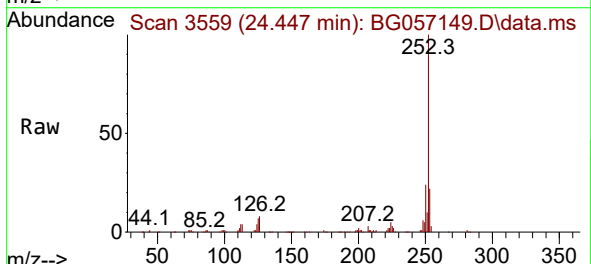
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042023

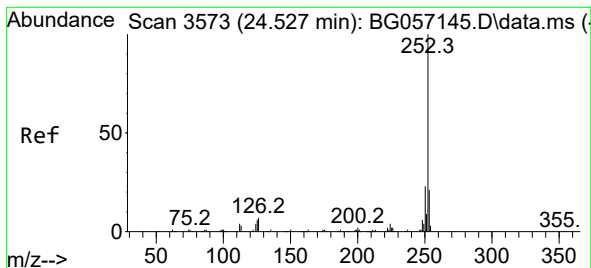
Tgt Ion:276 Resp: 279800
 Ion Ratio Lower Upper
 276 100
 138 8.8 6.1 9.1
 277 26.9 21.4 32.0



#88
 Benzo(b)fluoranthene
 Concen: 40.898 ng
 RT: 24.447 min Scan# 3559
 Delta R.T. -0.010 min
 Lab File: BG057149.D
 Acq: 20 Apr 2023 16:59

Tgt Ion:252 Resp: 242735
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.2 27.2
 125 6.9 4.8 7.2





#89

Benzo(k)fluoranthene

Concen: 41.114 ng

RT: 24.518 min Scan# 3

Delta R.T. -0.010 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

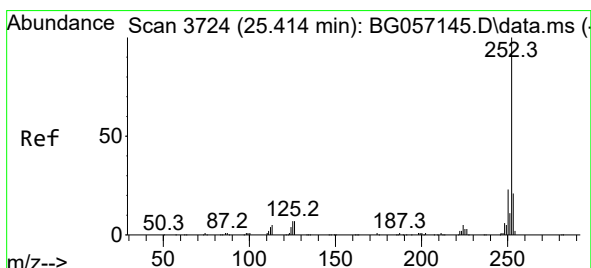
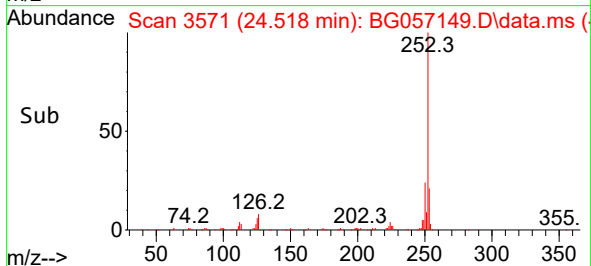
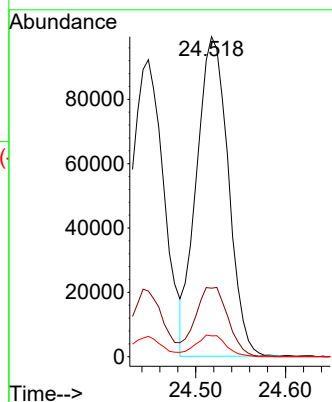
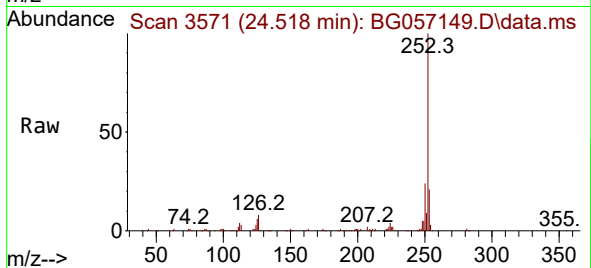
Tgt Ion:252 Resp: 244224

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 6.5 4.7 7.1



#90

Benzo(a)pyrene

Concen: 40.668 ng

RT: 25.405 min Scan# 3722

Delta R.T. -0.010 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

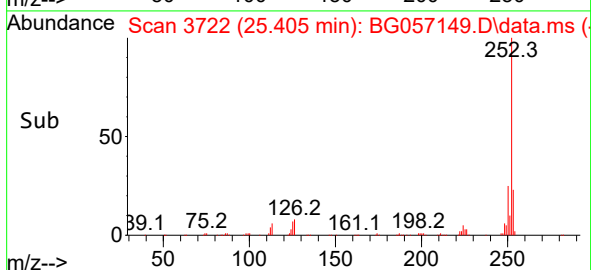
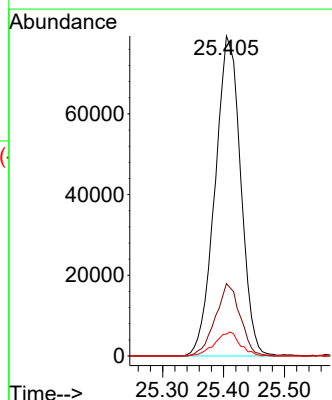
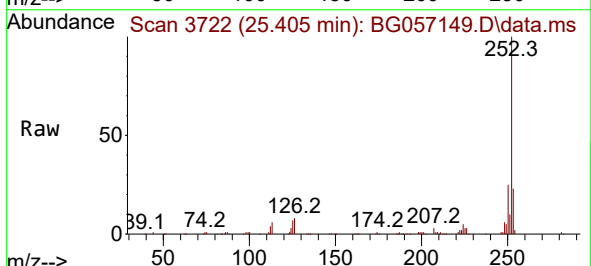
Tgt Ion:252 Resp: 231636

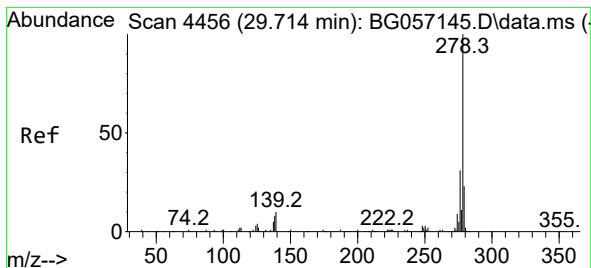
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.4

125 6.8 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 41.983 ng

RT: 29.705 min Scan# 4454

Delta R.T. -0.010 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Instrument :

BNA_G

ClientSampleId :

ICVBG042023

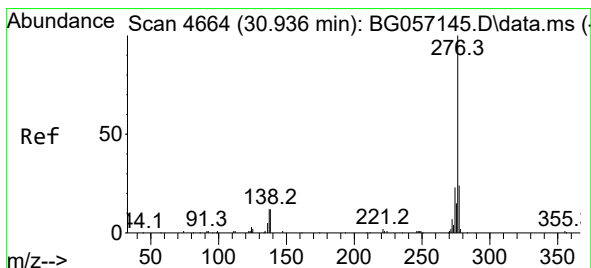
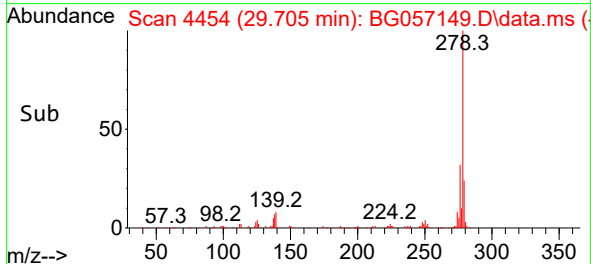
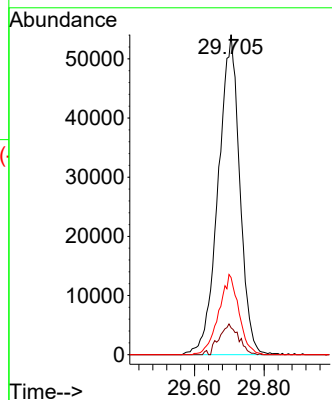
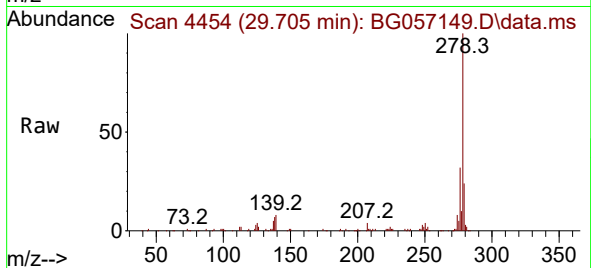
Tgt Ion:278 Resp: 232143

Ion Ratio Lower Upper

278 100

139 8.4 7.7 11.5

279 24.1 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 41.910 ng

RT: 30.921 min Scan# 4661

Delta R.T. -0.015 min

Lab File: BG057149.D

Acq: 20 Apr 2023 16:59

Tgt Ion:276 Resp: 224323

Ion Ratio Lower Upper

276 100

277 26.0 19.4 29.0

138 11.9 9.8 14.6

