

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042023\
 Data File : BG057148.D
 Acq On : 20 Apr 2023 16:17
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Quant Time: Apr 21 05:05:23 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 04:59:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.392	152	9381	20.000	ng	0.00
21) Naphthalene-d8	11.235	136	62419	20.000	ng	0.00
39) Acenaphthene-d10	15.012	164	42561	20.000	ng	0.00
64) Phenanthrene-d10	17.750	188	98426	20.000	ng	0.00
76) Chrysene-d12	22.061	240	83688	20.000	ng	0.00
86) Perylene-d12	25.574	264	90800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.901	112	83282	159.001	ng	0.00
7) Phenol-d6	7.534	99	128106	155.150	ng	0.00
23) Nitrobenzene-d5	9.578	82	139030	101.764	ng	0.00
42) 2,4,6-Tribromophenol	16.493	330	108499	146.742	ng	0.00
45) 2-Fluorobiphenyl	13.638	172	501570	156.243	ng	0.00
79) Terphenyl-d14	20.317	244	834531	154.346	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.704	88	23488	83.851	ng	95
3) Pyridine	4.133	79	54718	79.552	ng	98
4) n-Nitrosodimethylamine	4.045	42	30201	80.593	ng	98
6) Aniline	7.710	93	79044	77.454	ng	97
8) 2-Chlorophenol	7.957	128	45616	80.992	ng	92
9) Benzaldehyde	7.516	77	29889	62.645	ng	96
10) Phenol	7.558	94	62744	79.221	ng	96
11) bis(2-Chloroethyl)ether	7.798	93	43118	77.368	ng	94
12) 1,3-Dichlorobenzene	8.286	146	47839	74.741	ng	92
13) 1,4-Dichlorobenzene	8.433	146	49151	74.800	ng	97
14) 1,2-Dichlorobenzene	8.756	146	47690	74.938	ng	91
15) Benzyl Alcohol	8.633	79	53955	79.033	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.920	45	48895	70.952	ng	95
17) 2-Methylphenol	8.832	107	45954	74.322	ng	97
18) Hexachloroethane	9.490	117	17349	75.129	ng	90
19) n-Nitroso-di-n-propyla...	9.202	70	44559	73.828	ng	96
20) 3+4-Methylphenols	9.167	107	63444	76.674	ng	96
22) Acetophenone	9.226	105	81871	49.511	ng	# 99
24) Nitrobenzene	9.619	77	69961	48.044	ng	97
25) Isophorone	10.142	82	126213	47.616	ng	99
26) 2-Nitrophenol	10.336	139	30968	52.351	ng	98
27) 2,4-Dimethylphenol	10.377	122	51684	51.636	ng	97
28) bis(2-Chloroethoxy)met...	10.612	93	110520	79.735	ng	# 95
29) 2,4-Dichlorophenol	10.877	162	82428	73.731	ng	98
30) 1,2,4-Trichlorobenzene	11.094	180	90991	75.638	ng	97
31) Naphthalene	11.288	128	257016	76.910	ng	98
32) Benzoic acid	10.548	122	46423	90.174	ng	89
33) 4-Chloroaniline	11.388	127	117130	77.620	ng	97
34) Hexachlorobutadiene	11.558	225	64242	73.079	ng	95
35) Caprolactam	12.181	113	28248	79.027	ng	91
36) 4-Chloro-3-methylphenol	12.480	107	93113	80.761	ng	97
37) 2-Methylnaphthalene	12.862	142	195091	73.849	ng	98
38) 1-Methylnaphthalene	13.079	142	184566	72.947	ng	95
40) 1,2,4,5-Tetrachloroben...	13.220	216	116920	79.419	ng	99
41) Hexachlorocyclopentadiene	13.197	237	65488	93.579	ng	93
43) 2,4,6-Trichlorophenol	13.455	196	73625	80.645	ng	90

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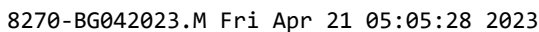
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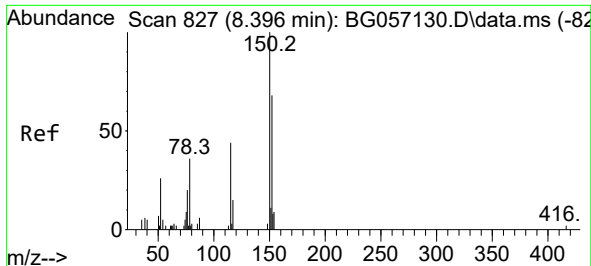
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.532	196	85827	78.904	ng	95
46) 1,1'-Biphenyl	13.849	154	254058	79.364	ng	99
47) 2-Chloronaphthalene	13.902	162	192672	80.519	ng	99
48) 2-Nitroaniline	14.096	65	68666	85.266	ng	94
49) Acenaphthylene	14.742	152	308151	80.000	ng	99
50) Dimethylphthalate	14.454	163	259359	77.568	ng	97
51) 2,6-Dinitrotoluene	14.577	165	56752	77.934	ng	98
52) Acenaphthene	15.077	154	190901	79.466	ng	99
53) 3-Nitroaniline	14.912	138	59129	83.870	ng	97
54) 2,4-Dinitrophenol	15.118	184	36034	90.329	ng	98
55) Dibenzofuran	15.406	168	307603	76.631	ng	99
56) 4-Nitrophenol	15.206	139	42517	89.317	ng	97
57) 2,4-Dinitrotoluene	15.365	165	82887	80.300	ng	94
58) Fluorene	16.052	166	252988	73.506	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.623	232	74427	79.563	ng	98
60) Diethylphthalate	15.793	149	266547	76.650	ng	100
61) 4-Chlorophenyl-phenyle...	16.028	204	144971	71.412	ng	100
62) 4-Nitroaniline	16.075	138	60609	74.085	ng	92
63) Azobenzene	16.322	77	263818	75.776	ng	99
65) 4,6-Dinitro-2-methylph...	16.128	198	53419	87.738	ng	98
66) n-Nitrosodiphenylamine	16.246	169	217072	78.617	ng	100
67) 4-Bromophenyl-phenylether	16.921	248	94526	77.240	ng	93
68) Hexachlorobenzene	17.056	284	97173	76.128	ng	97
69) Atrazine	17.174	200	76450	72.215	ng	95
70) Pentachlorophenol	17.391	266	62281	89.137	ng	97
71) Phenanthrene	17.791	178	394023	77.240	ng	98
72) Anthracene	17.885	178	401103	76.514	ng	100
73) Carbazole	18.149	167	342820	77.594	ng	99
74) Di-n-butylphthalate	18.666	149	419925	80.462	ng	100
75) Fluoranthene	19.776	202	470987	75.583	ng	99
77) Benzidine	19.941	184	146687	68.711	ng	98
78) Pyrene	20.141	202	475002	78.763	ng	99
80) Butylbenzylphthalate	20.992	149	180687	83.081	ng	97
81) Benzo(a)anthracene	22.038	228	471329	79.281	ng	99
82) 3,3'-Dichlorobenzidine	21.938	252	154669	75.452	ng	# 96
83) Chrysene	22.114	228	435573	77.738	ng	99
84) Bis(2-ethylhexyl)phtha...	21.885	149	259830	83.534	ng	100
85) Di-n-octyl phthalate	23.189	149	427859	83.570	ng	99
87) Indeno(1,2,3-cd)pyrene	29.663	276	542495	81.962	ng	# 98
88) Benzo(b)fluoranthene	24.458	252	465399	78.928	ng	99
89) Benzo(k)fluoranthene	24.535	252	455271	77.147	ng	100
90) Benzo(a)pyrene	25.422	252	443134	78.312	ng	99
91) Dibenzo(a,h)anthracene	29.722	278	450583	82.024	ng	# 97
92) Benzo(g,h,i)perylene	30.949	276	431212	81.091	ng	98

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

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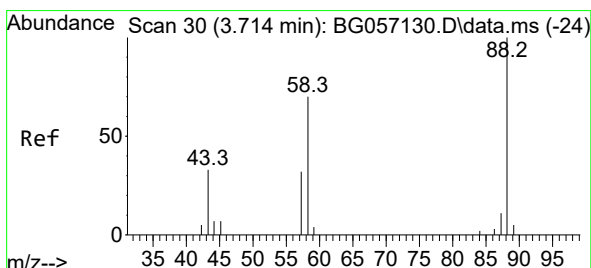
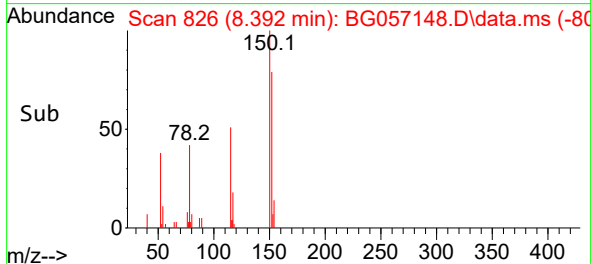
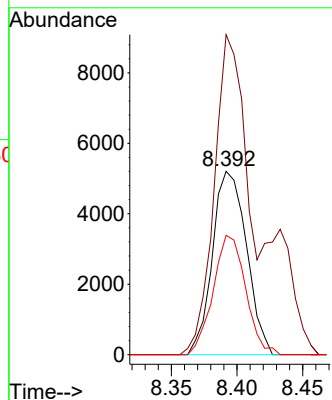
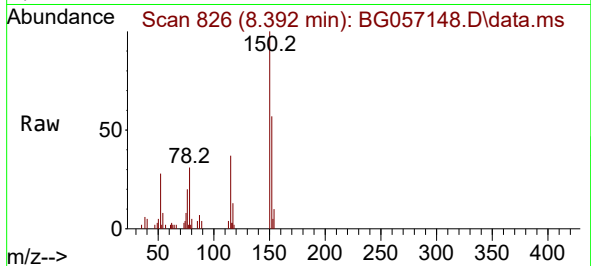




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.392 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG057148.D
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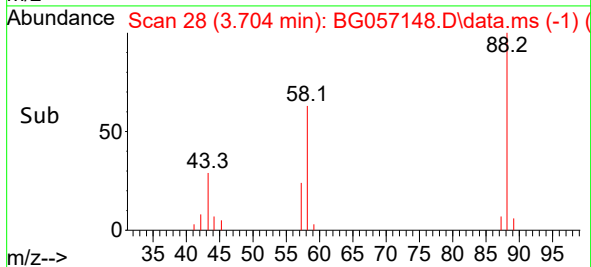
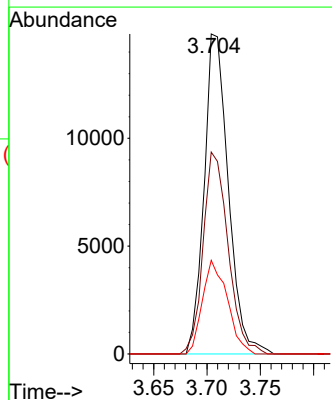
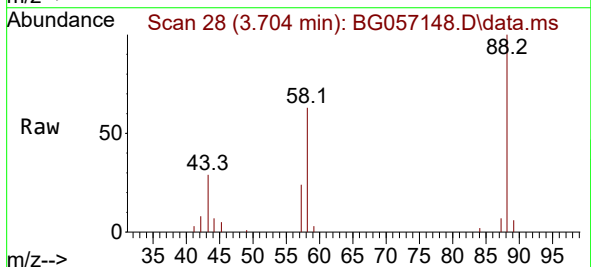
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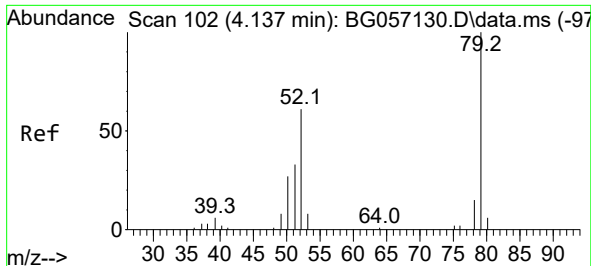
Tgt Ion:152 Resp: 9381
Ion Ratio Lower Upper
152 100
150 174.5 135.4 203.2
115 65.0 52.8 79.2



#2
1,4-Dioxane
Concen: 83.851 ng
RT: 3.704 min Scan# 28
Delta R.T. -0.004 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion: 88 Resp: 23488
Ion Ratio Lower Upper
88 100
58 64.9 55.5 83.3
43 30.0 22.6 34.0

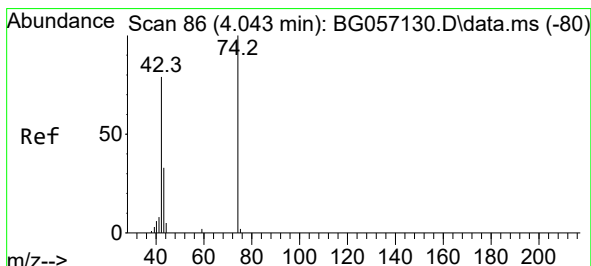
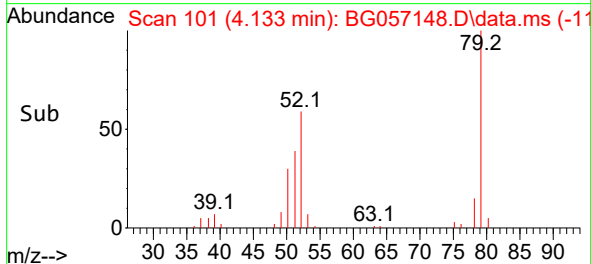
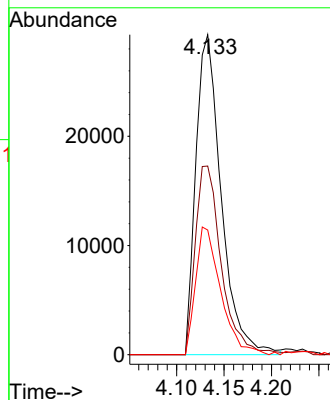
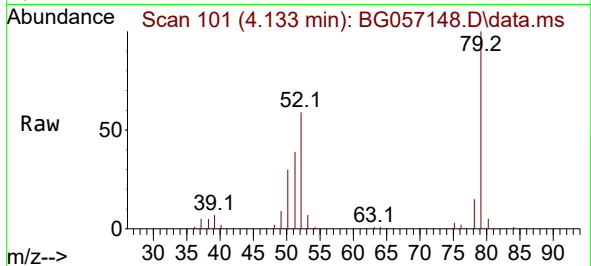




#3
Pyridine
Concen: 79.552 ng
RT: 4.133 min Scan# 102
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

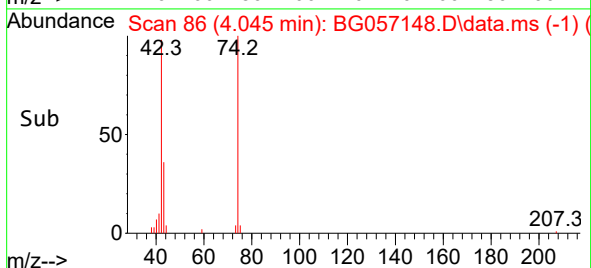
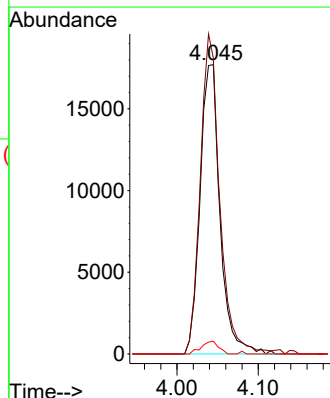
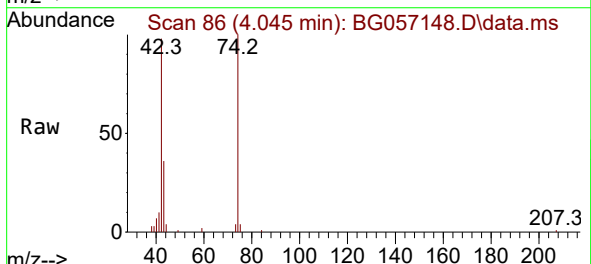
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ClientSampleId :
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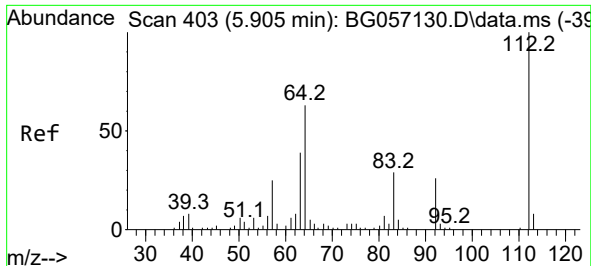
Tgt Ion: 79 Resp: 54718
Ion Ratio Lower Upper
79 100
52 58.9 47.7 71.5
51 38.9 29.8 44.6



#4
n-Nitrosodimethylamine
Concen: 80.593 ng
RT: 4.045 min Scan# 86
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion: 42 Resp: 30201
Ion Ratio Lower Upper
42 100
74 102.3 80.6 120.8
44 4.4 3.9 5.9

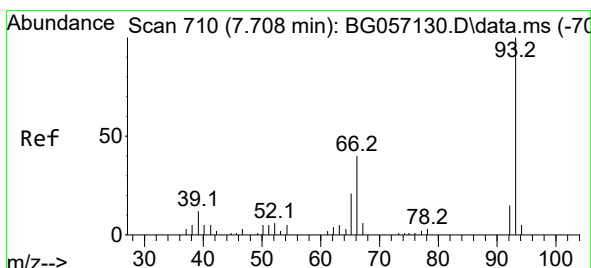
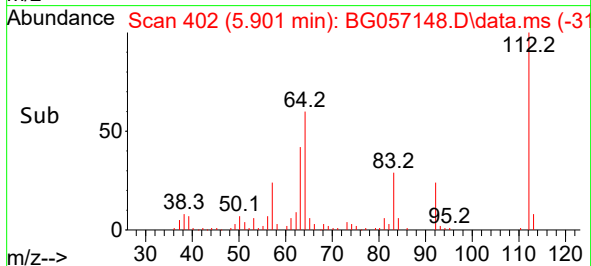
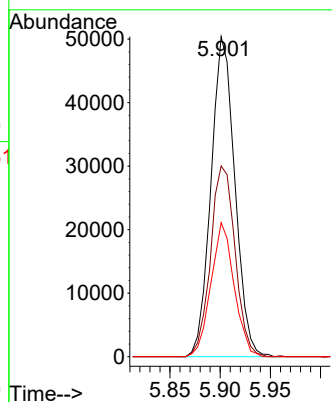
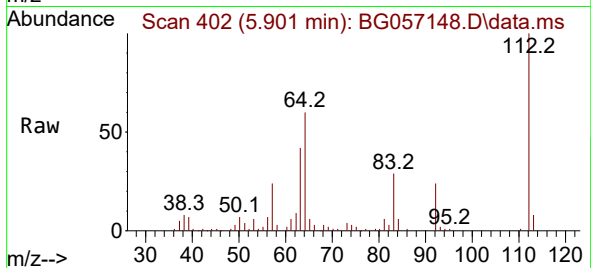




#5
2-Fluorophenol
Concen: 159.001 ng
RT: 5.901 min Scan# 403
Delta R.T. -0.004 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

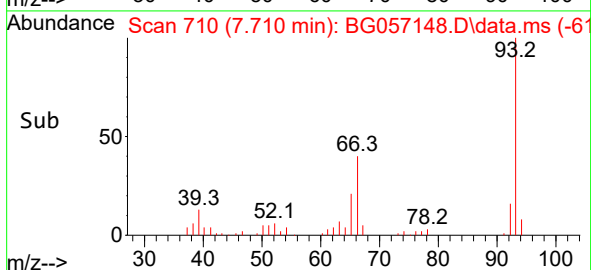
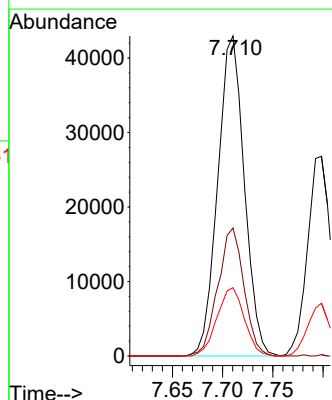
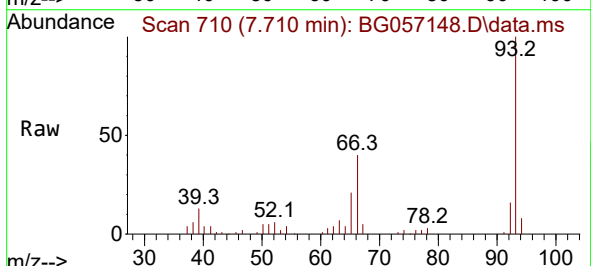
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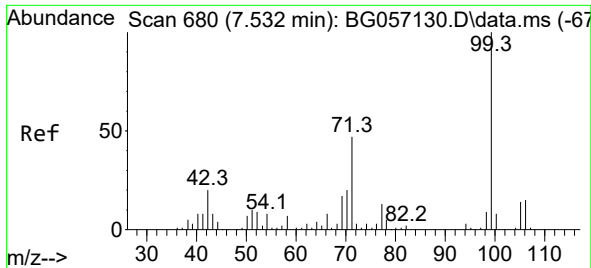
Tgt Ion:112 Resp: 83282
Ion Ratio Lower Upper
112 100
64 59.6 50.2 75.4
63 41.9 30.9 46.3



#6
Aniline
Concen: 77.454 ng
RT: 7.710 min Scan# 710
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion: 93 Resp: 79044
Ion Ratio Lower Upper
93 100
66 40.0 31.2 46.8
65 21.4 19.0 28.6

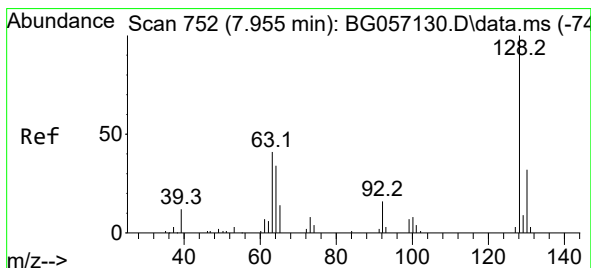
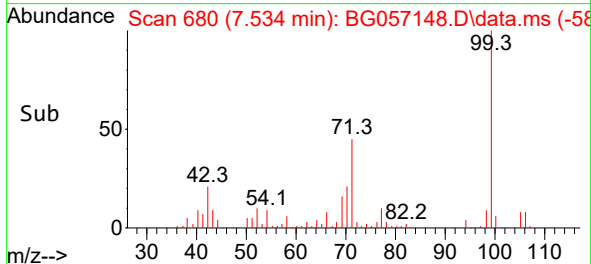
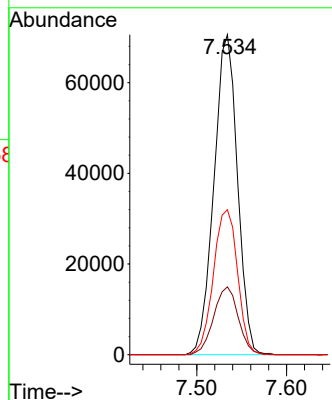
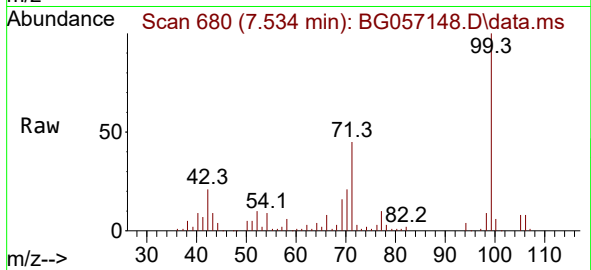




#7
Phenol-d6
Concen: 155.150 ng
RT: 7.534 min Scan# 680
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

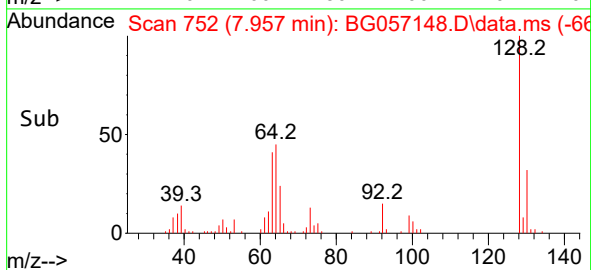
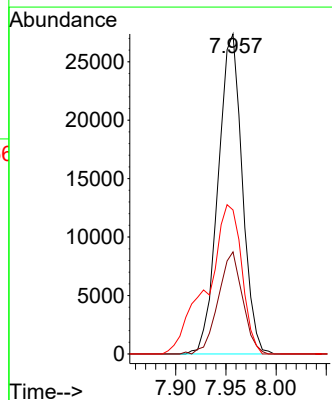
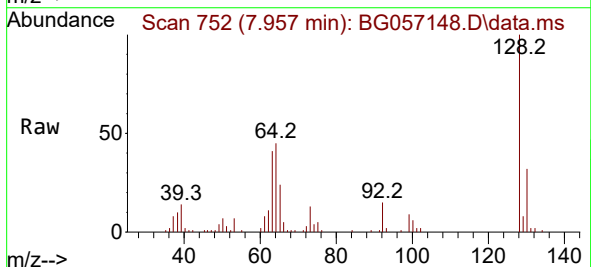
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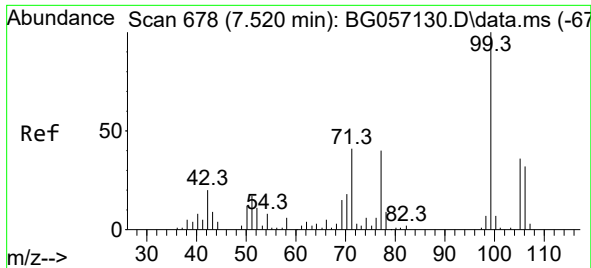
Tgt Ion: 99 Resp: 128106
Ion Ratio Lower Upper
99 100
42 21.2 16.2 24.2
71 45.3 34.3 51.5



#8
2-Chlorophenol
Concen: 80.992 ng
RT: 7.957 min Scan# 752
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:128 Resp: 45616
Ion Ratio Lower Upper
128 100
130 31.9 16.4 56.4
64 45.0 30.7 70.7

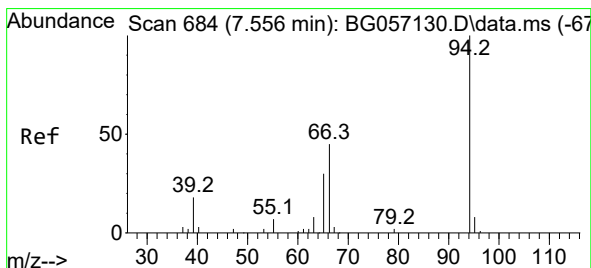
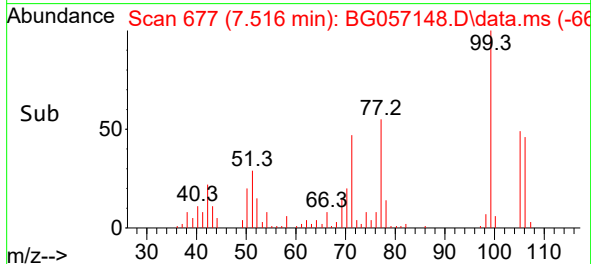
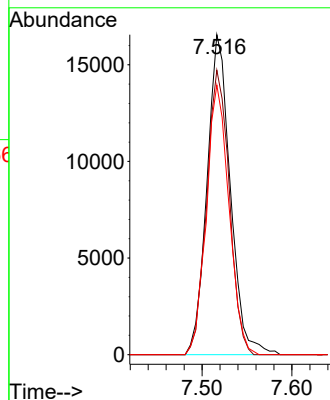
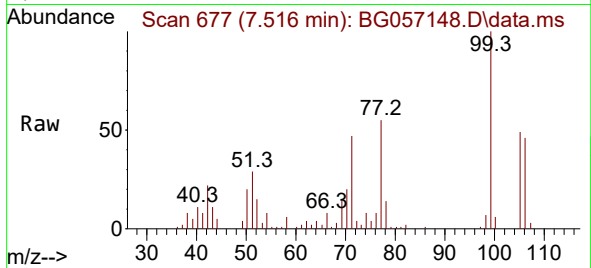




#9
Benzaldehyde
Concen: 62.645 ng
RT: 7.516 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057148.D
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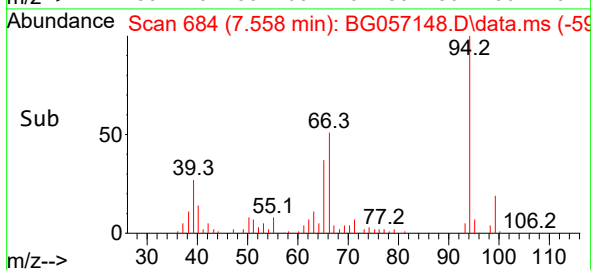
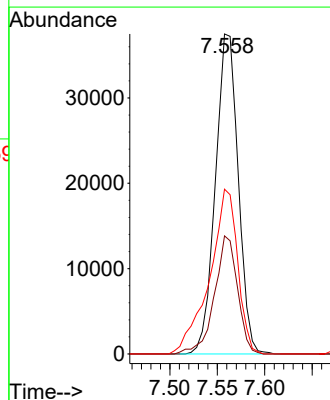
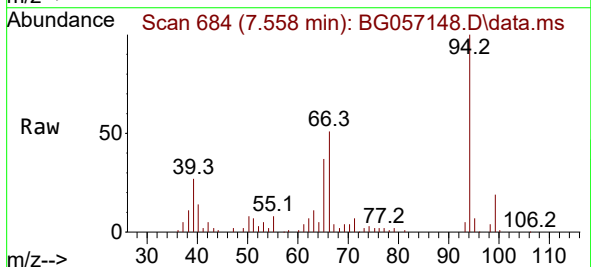
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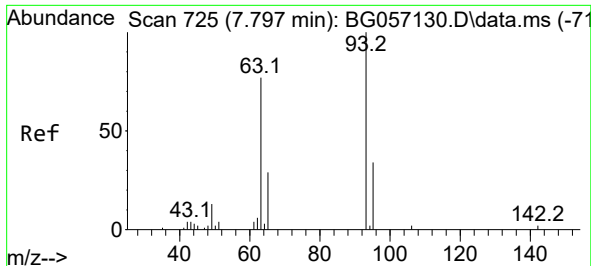
Tgt Ion: 77 Resp: 29889
Ion Ratio Lower Upper
77 100
105 88.9 76.6 116.6
106 84.2 63.8 103.8



#10
Phenol
Concen: 79.221 ng
RT: 7.558 min Scan# 684
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion: 94 Resp: 62744
Ion Ratio Lower Upper
94 100
65 36.9 15.2 55.2
66 51.5 27.9 67.9

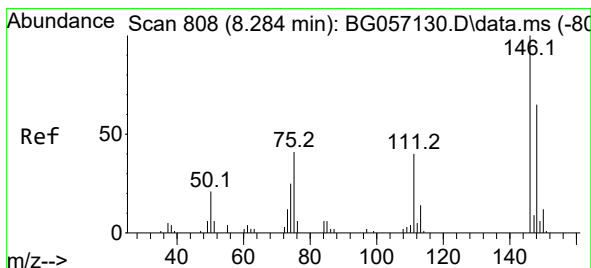
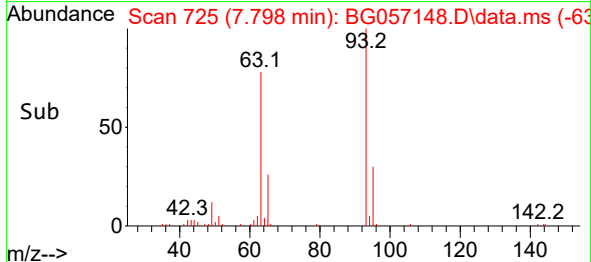
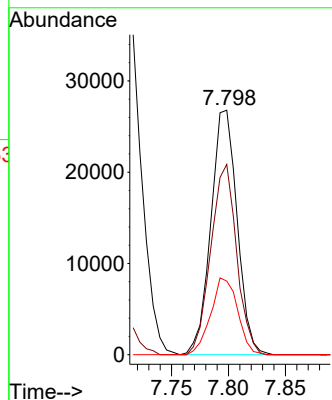
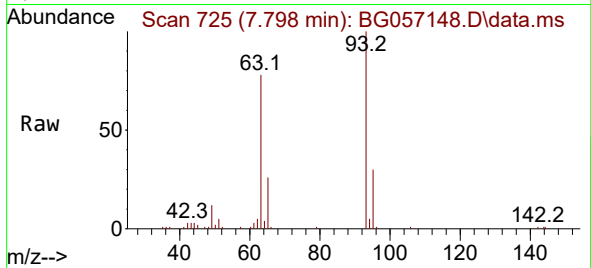




#11
bis(2-Chloroethyl)ether
Concen: 77.368 ng
RT: 7.798 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

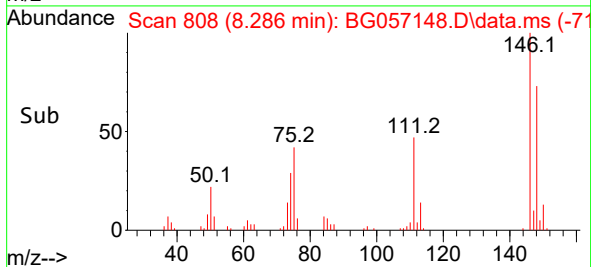
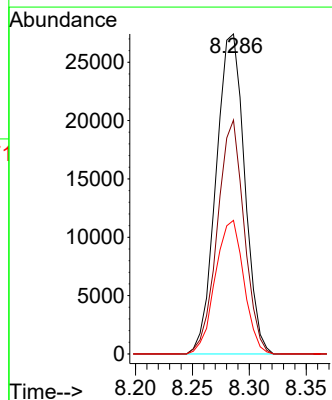
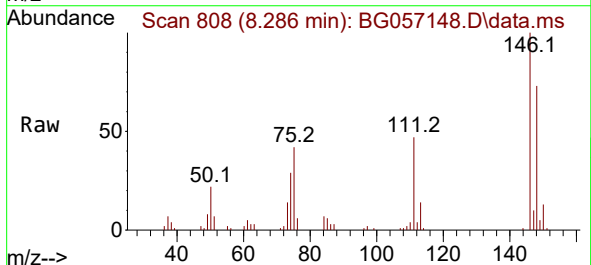
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

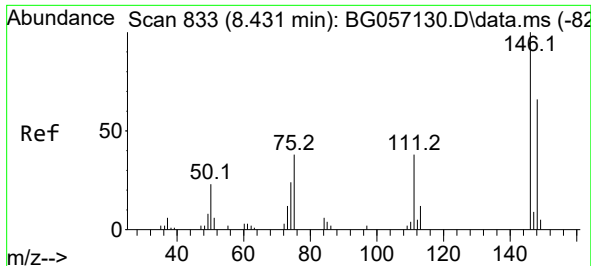
Tgt Ion: 93 Resp: 43118
Ion Ratio Lower Upper
93 100
63 77.8 51.9 91.9
95 30.1 8.8 48.8



#12
1,3-Dichlorobenzene
Concen: 74.741 ng
RT: 8.286 min Scan# 808
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:146 Resp: 47839
Ion Ratio Lower Upper
146 100
148 73.1 51.7 77.5
75 41.8 31.4 47.0





#13

1,4-Dichlorobenzene

Concen: 74.800 ng

RT: 8.433 min Scan# 81

Delta R.T. 0.007 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

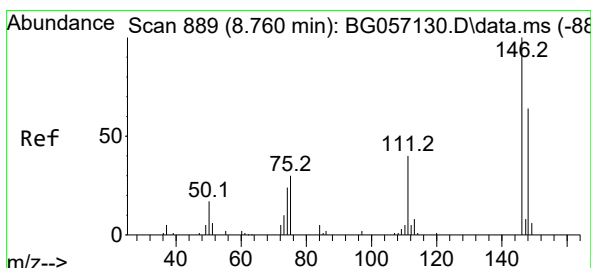
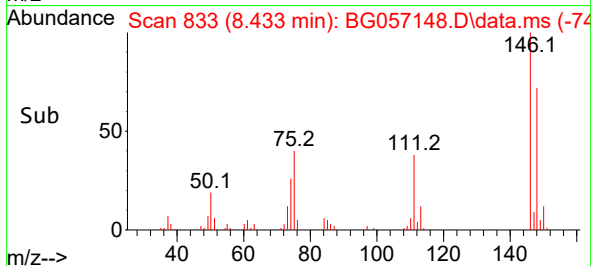
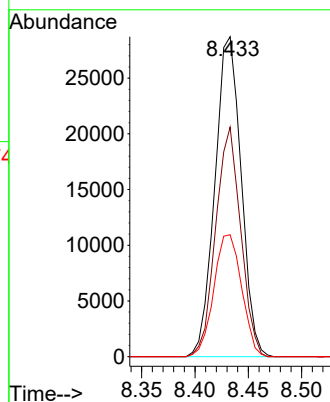
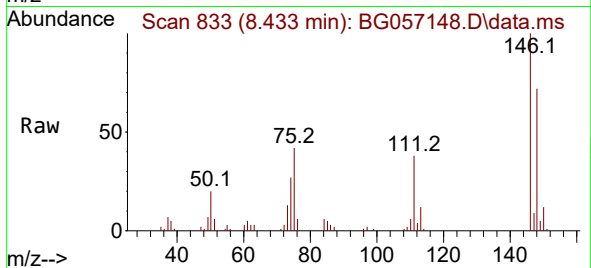
Tgt Ion:146 Resp: 49151

Ion Ratio Lower Upper

146 100

148 71.7 55.0 82.4

111 38.1 31.4 47.2



#14

1,2-Dichlorobenzene

Concen: 74.938 ng

RT: 8.756 min Scan# 888

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

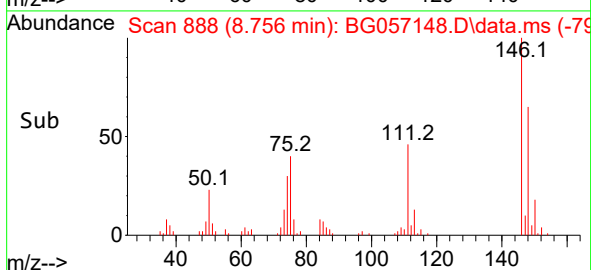
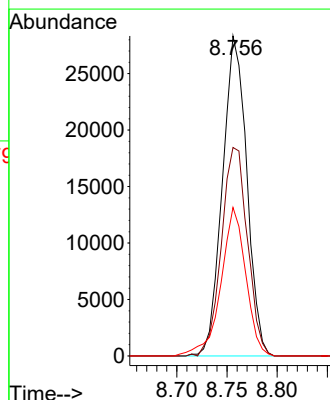
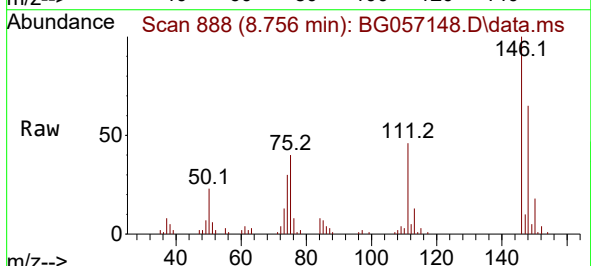
Tgt Ion:146 Resp: 47690

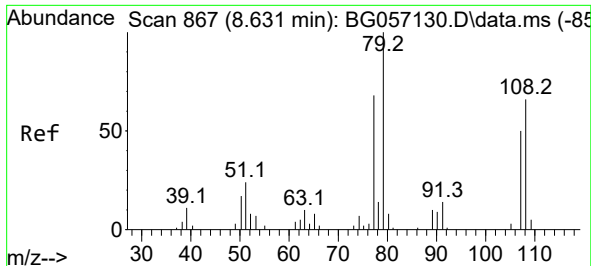
Ion Ratio Lower Upper

146 100

148 65.2 47.0 70.4

111 46.4 32.5 48.7





#15
Benzyl Alcohol
Concen: 79.033 ng
RT: 8.633 min Scan# 80
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

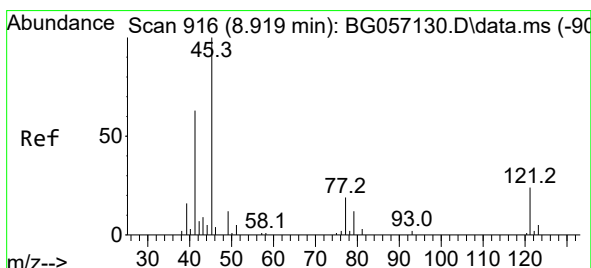
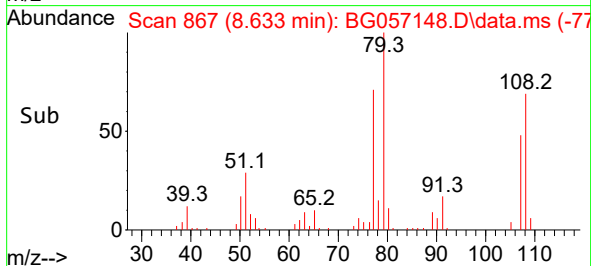
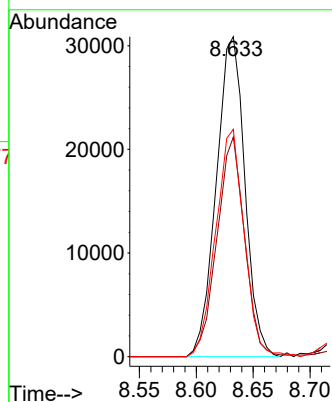
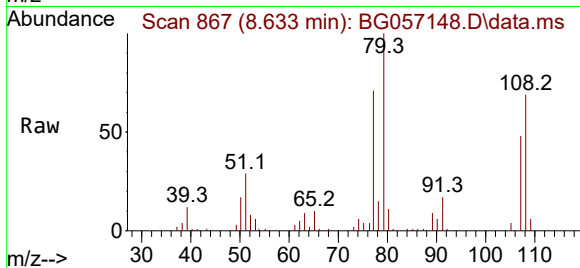
Instrument :

BNA_G

ClientSampleId :

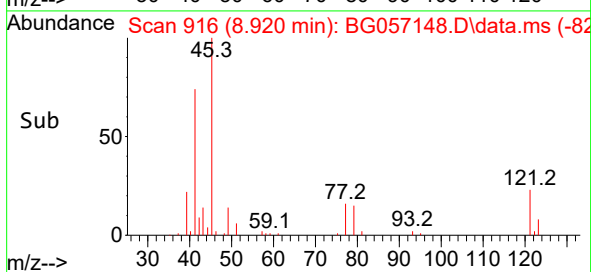
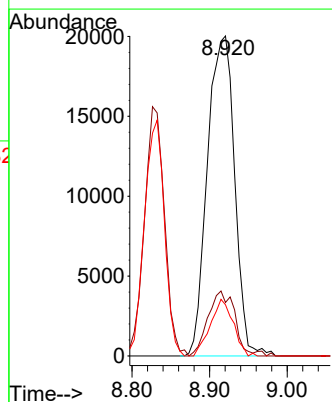
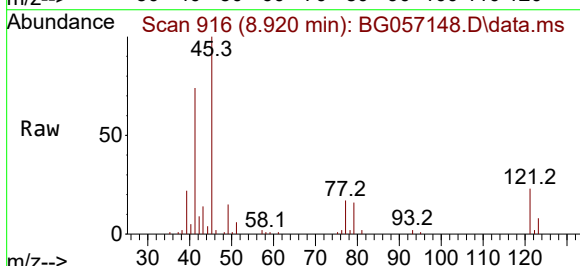
SSTDICC080

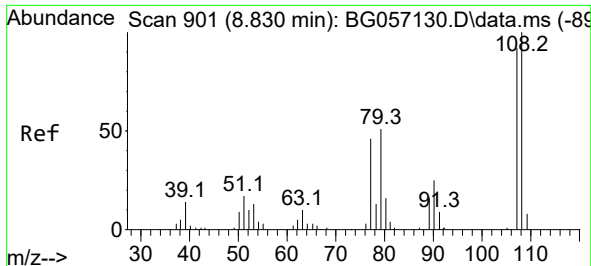
Tgt Ion: 79 Resp: 53955
Ion Ratio Lower Upper
79 100
108 68.7 49.8 74.8
77 71.0 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.952 ng
RT: 8.920 min Scan# 916
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion: 45 Resp: 48895
Ion Ratio Lower Upper
45 100
77 16.7 0.0 38.2
79 16.0 0.0 33.4





#17

2-Methylphenol

Concen: 74.322 ng

RT: 8.832 min Scan# 901

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 45954

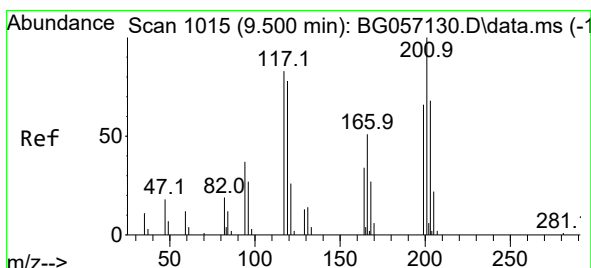
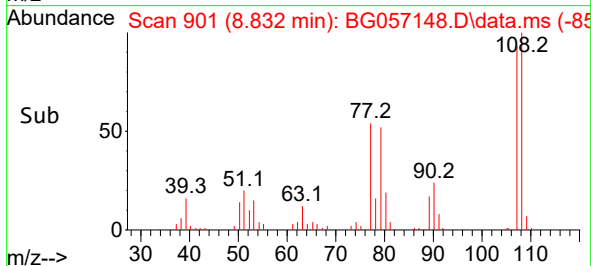
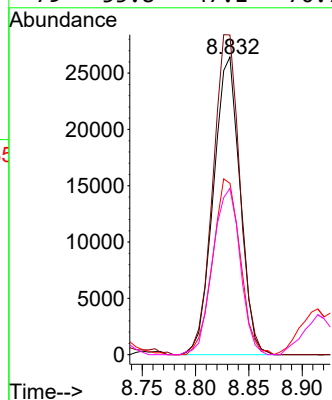
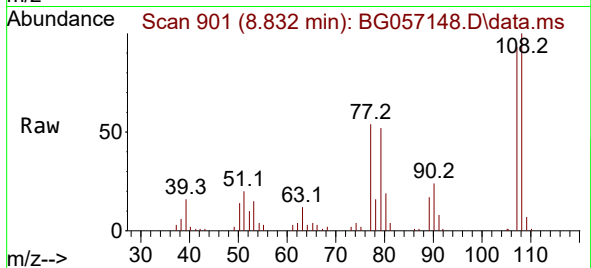
Ion Ratio Lower Upper

107 100

108 107.3 87.4 131.2

77 57.5 44.2 66.4

79 55.8 47.1 70.7



#18

Hexachloroethane

Concen: 75.129 ng

RT: 9.490 min Scan# 1013

Delta R.T. -0.010 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

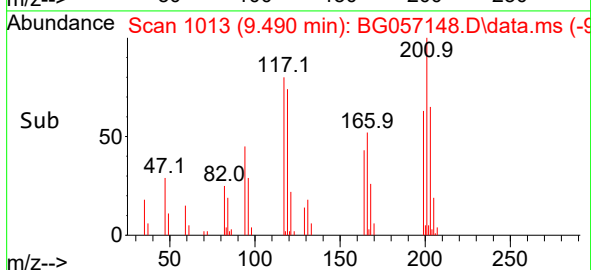
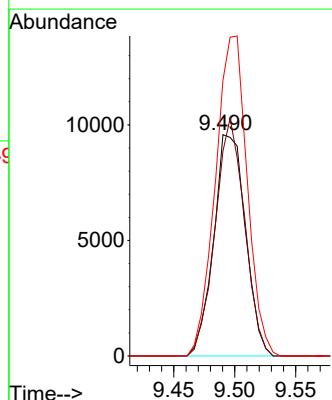
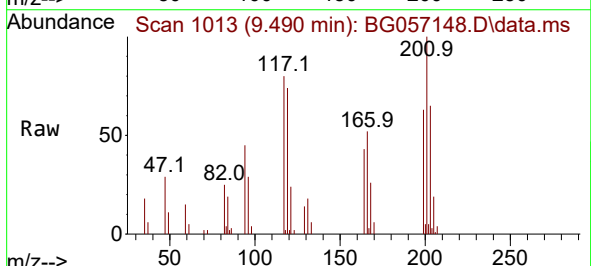
Tgt Ion:117 Resp: 17349

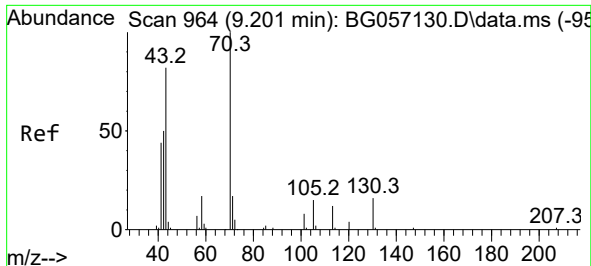
Ion Ratio Lower Upper

117 100

119 92.5 81.7 122.5

201 124.6 109.8 164.8

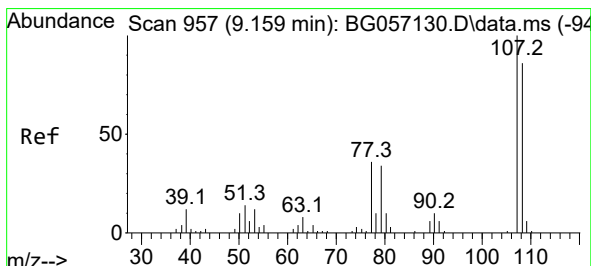
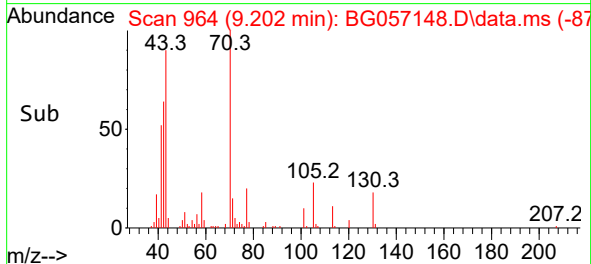
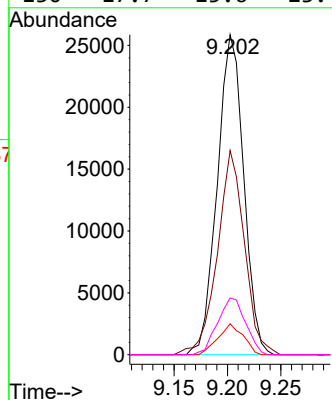
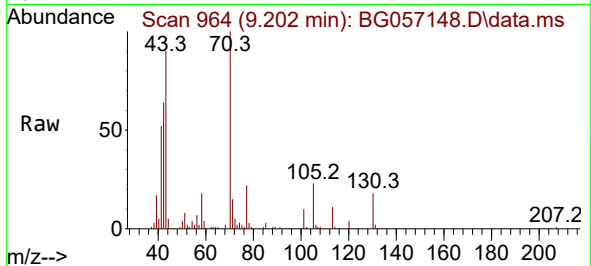




#19
n-Nitroso-di-n-propylamine
Concen: 73.828 ng
RT: 9.202 min Scan# 90
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

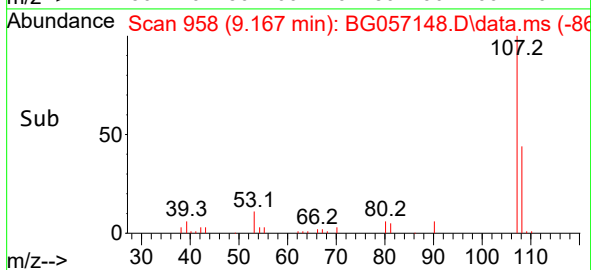
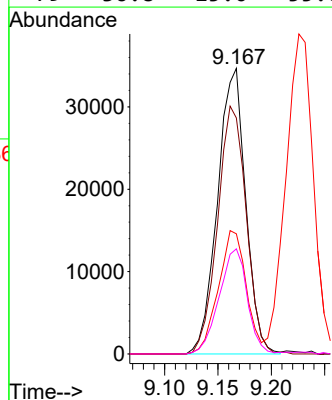
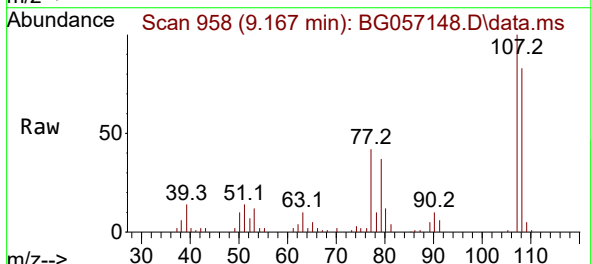
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

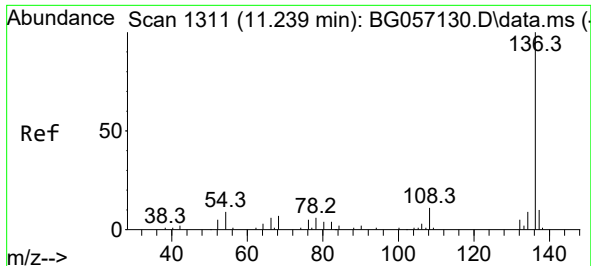
Tgt Ion:	70	Resp:	44559
Ion	Ratio	Lower	Upper
70	100		
42	63.8	48.0	72.0
101	9.7	7.8	11.8
130	17.7	15.6	23.4



#20
3+4-Methylphenols
Concen: 76.674 ng
RT: 9.167 min Scan# 958
Delta R.T. 0.013 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:	107	Resp:	63444
Ion	Ratio	Lower	Upper
107	100		
108	82.7	67.7	107.7
77	42.1	20.8	60.8
79	36.8	15.0	55.0

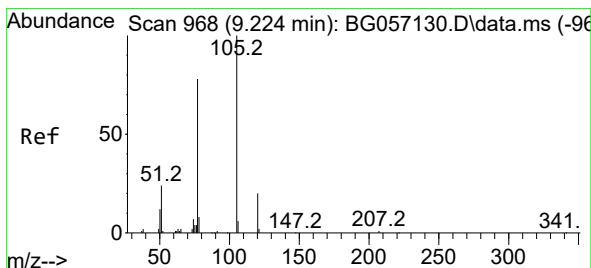
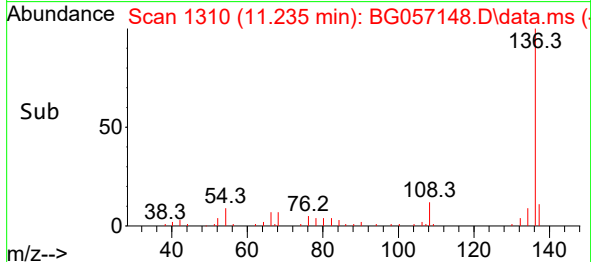
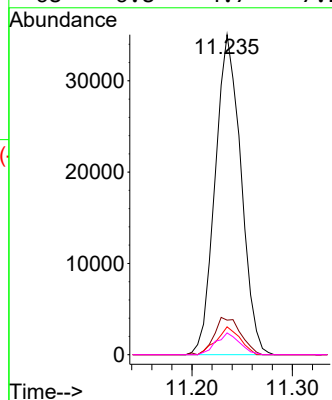
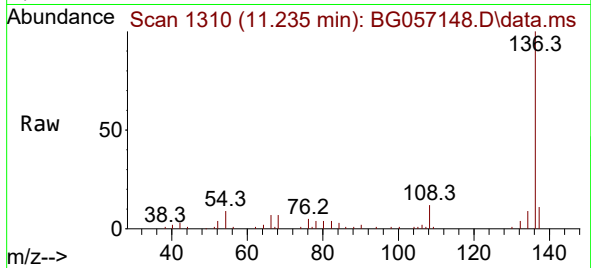




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.235 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

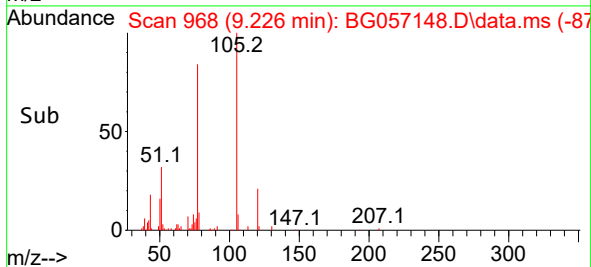
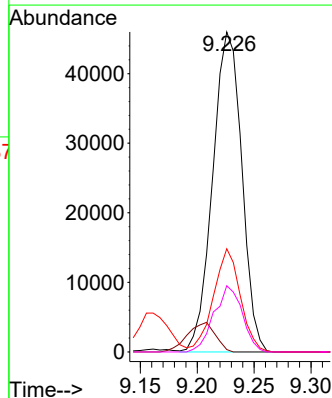
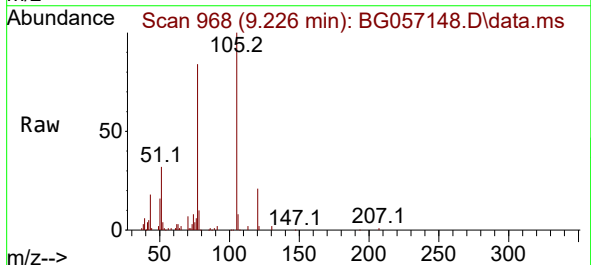
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

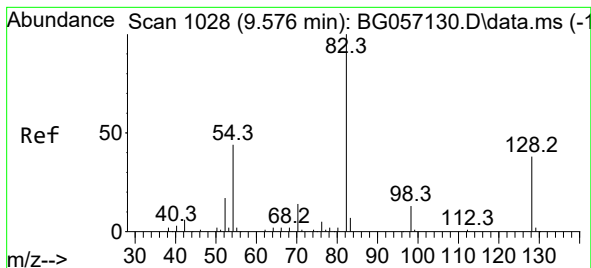
Tgt Ion:136	Resp: 62419
Ion Ratio	Lower Upper
136	100
137	10.8 10.0 15.0
54	8.7 6.2 9.4
68	6.8 4.7 7.1



#22
Acetophenone
Concen: 49.511 ng
RT: 9.226 min Scan# 968
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:105	Resp: 81871
Ion Ratio	Lower Upper
105	100
71	0.8 0.0 0.0#
51	32.2 25.2 37.8
120	20.7 16.1 24.1





#23

Nitrobenzene-d5

Concen: 101.764 ng

RT: 9.578 min Scan# 1028

Delta R.T. 0.007 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

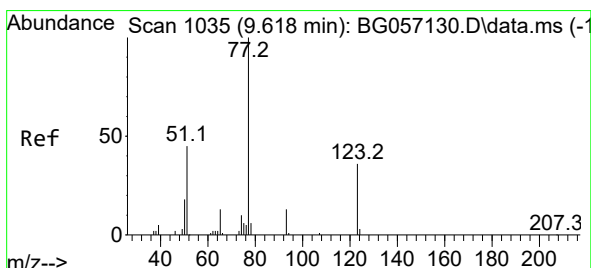
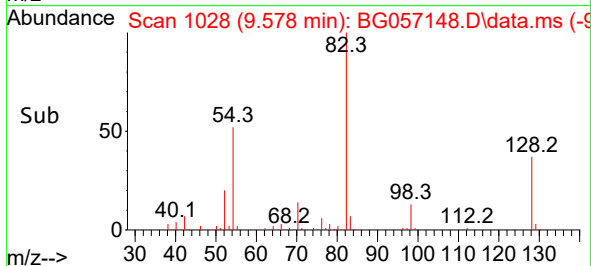
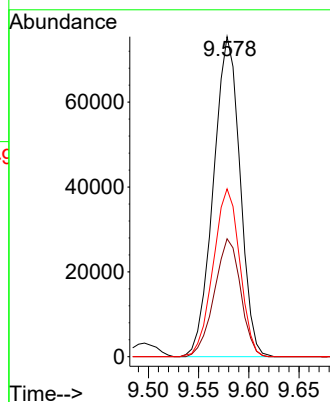
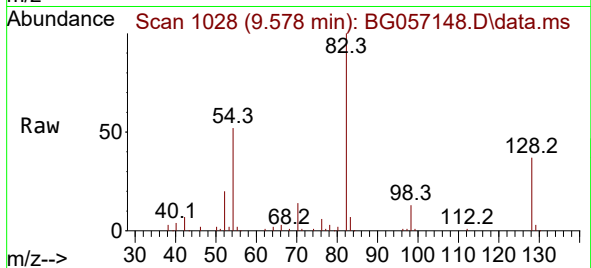
Tgt Ion: 82 Resp: 139030

Ion Ratio Lower Upper

82 100

128 36.8 27.4 41.0

54 52.5 40.4 60.6



#24

Nitrobenzene

Concen: 48.044 ng

RT: 9.619 min Scan# 1035

Delta R.T. 0.001 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

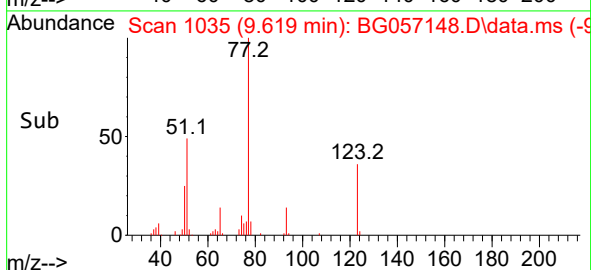
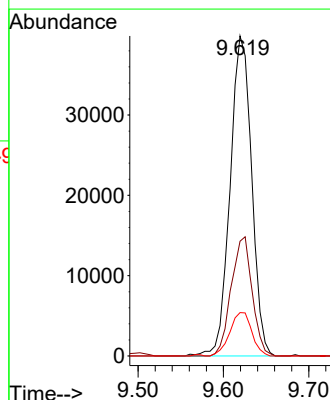
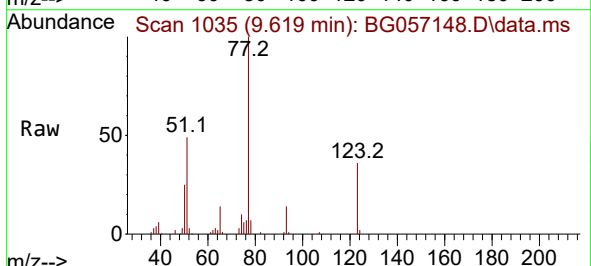
Tgt Ion: 77 Resp: 69961

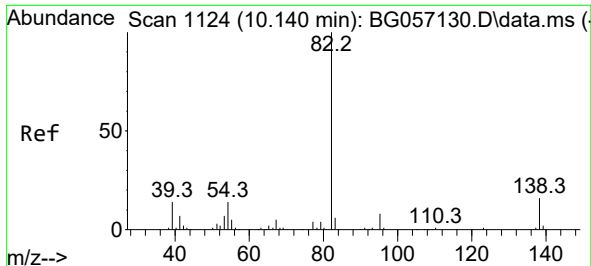
Ion Ratio Lower Upper

77 100

123 35.9 30.3 45.5

65 13.5 12.1 18.1

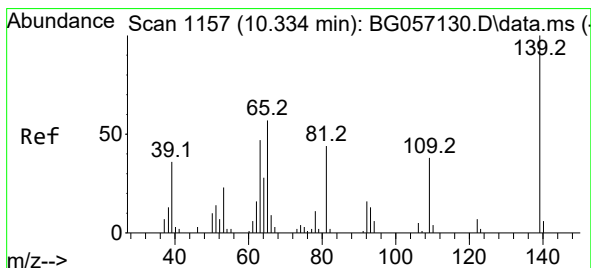
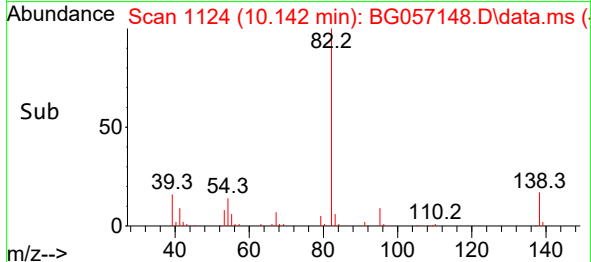
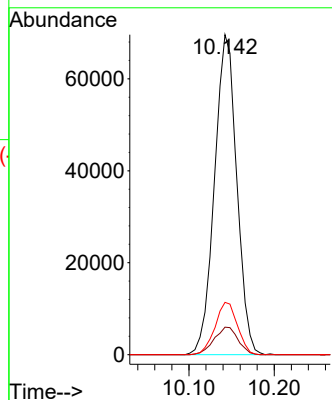
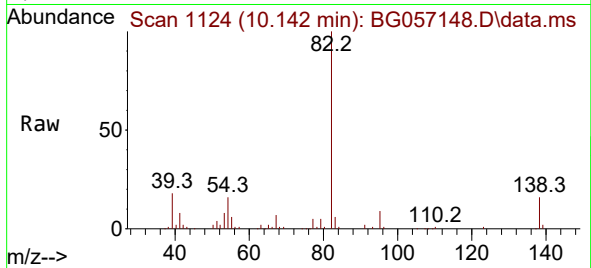




#25
Isophorone
Concen: 47.616 ng
RT: 10.142 min Scan# 1124
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

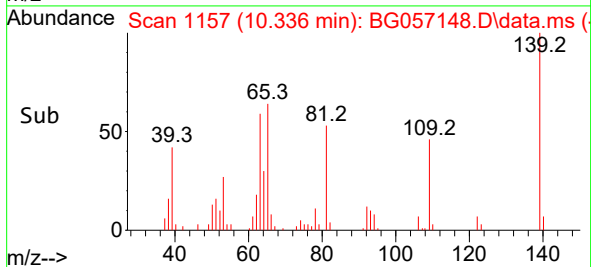
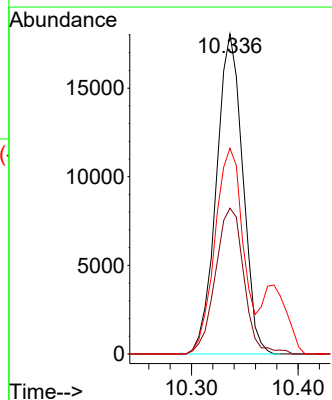
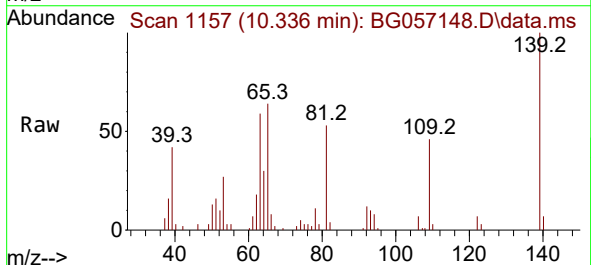
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

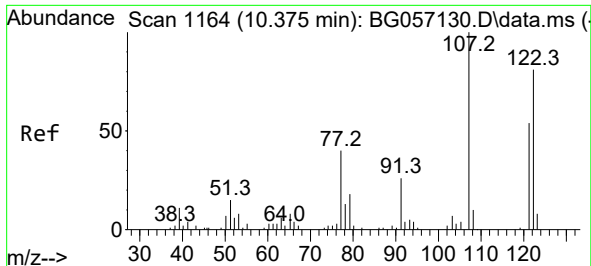
Tgt Ion: 82 Resp: 126213
Ion Ratio Lower Upper
82 100
95 8.6 7.4 11.0
138 16.3 12.7 19.1



#26
2-Nitrophenol
Concen: 52.351 ng
RT: 10.336 min Scan# 1157
Delta R.T. 0.001 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:139 Resp: 30968
Ion Ratio Lower Upper
139 100
109 45.6 35.8 53.8
65 64.3 50.2 75.4





#27

2,4-Dimethylphenol

Concen: 51.636 ng

RT: 10.377 min Scan# 1164

Delta R.T. 0.001 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

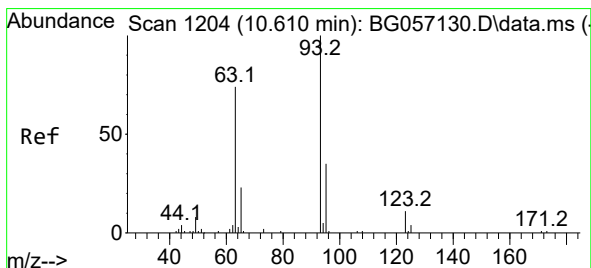
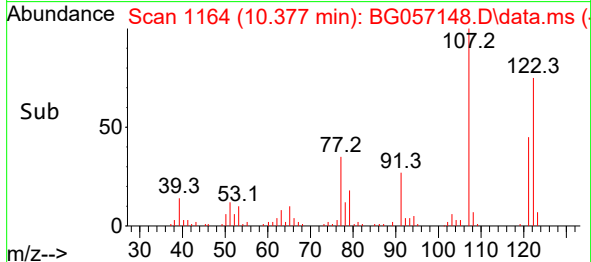
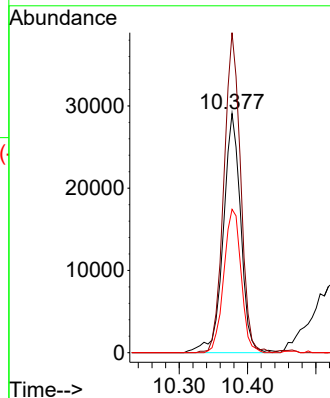
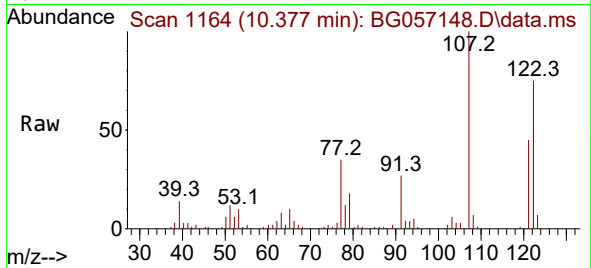
Tgt Ion:122 Resp: 51684

Ion Ratio Lower Upper

122 100

107 133.8 107.8 161.8

121 59.9 52.2 78.4



#28

bis(2-Chloroethoxy)methane

Concen: 79.735 ng

RT: 10.612 min Scan# 1204

Delta R.T. 0.007 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

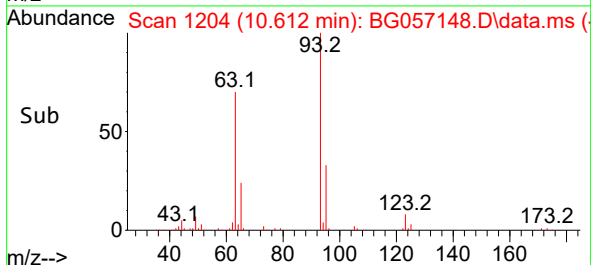
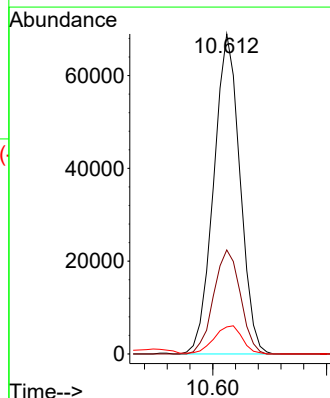
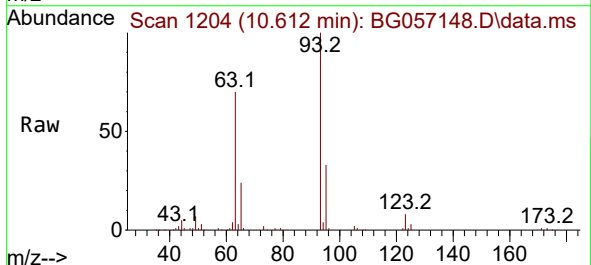
Tgt Ion: 93 Resp: 110520

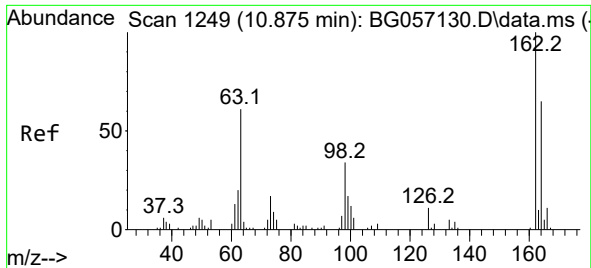
Ion Ratio Lower Upper

93 100

95 32.5 24.3 36.5

123 8.4 8.9 13.3#

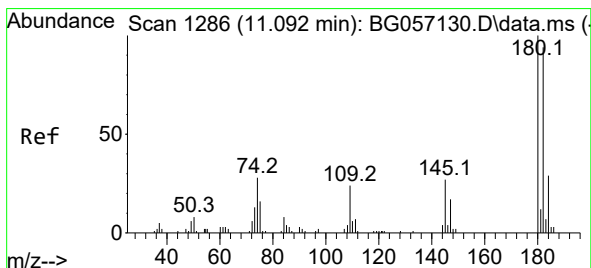
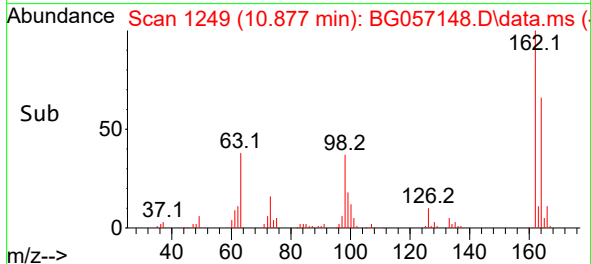
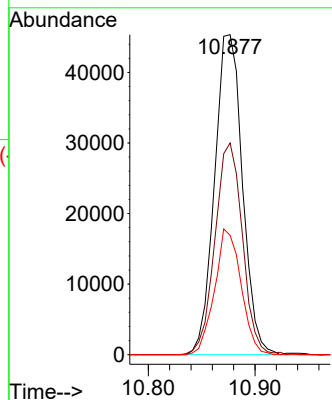
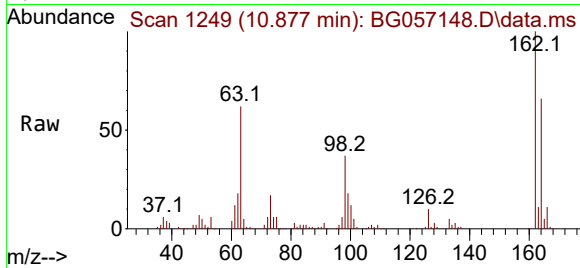




#29
 2,4-Dichlorophenol
 Concen: 73.731 ng
 RT: 10.877 min Scan# 1
 Delta R.T. 0.008 min
 Lab File: BG057148.D
 Acq: 20 Apr 2023 16:17

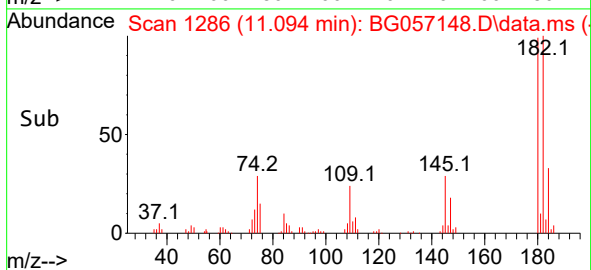
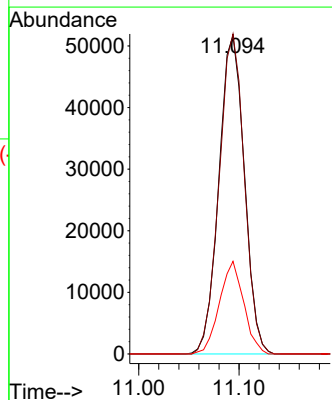
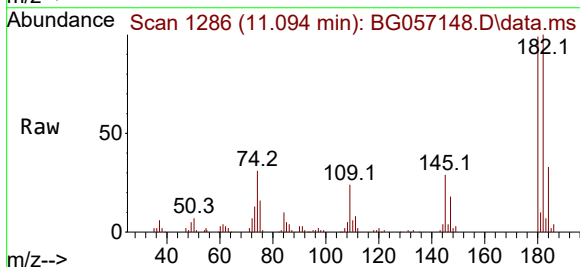
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

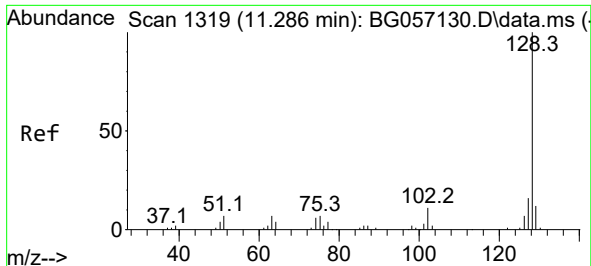
Tgt Ion:162 Resp: 82428
 Ion Ratio Lower Upper
 162 100
 164 66.2 46.6 86.6
 98 37.3 15.3 55.3



#30
 1,2,4-Trichlorobenzene
 Concen: 75.638 ng
 RT: 11.094 min Scan# 1286
 Delta R.T. 0.002 min
 Lab File: BG057148.D
 Acq: 20 Apr 2023 16:17

Tgt Ion:180 Resp: 90991
 Ion Ratio Lower Upper
 180 100
 182 100.5 83.5 125.3
 145 29.1 23.7 35.5

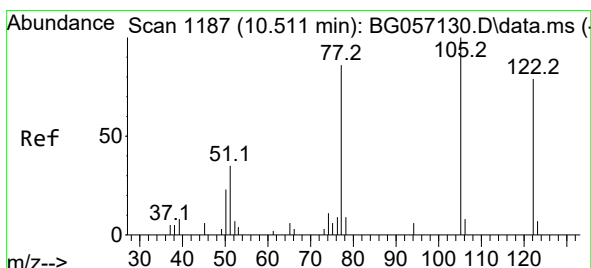
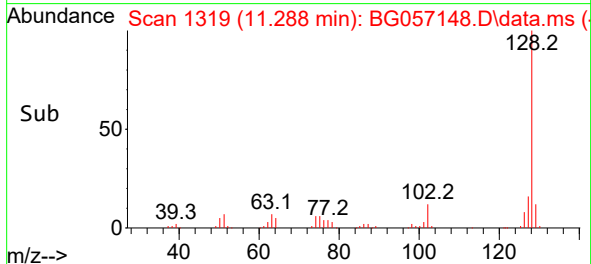
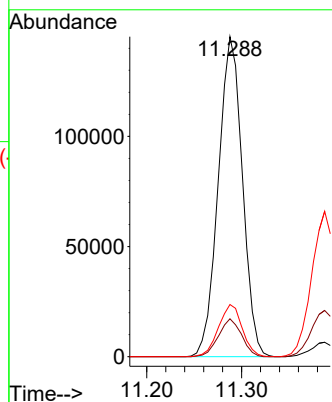
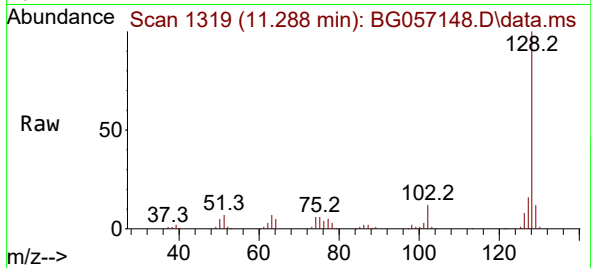




#31
Naphthalene
Concen: 76.910 ng
RT: 11.288 min Scan# 1119
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

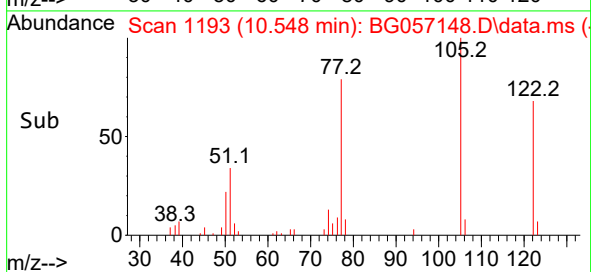
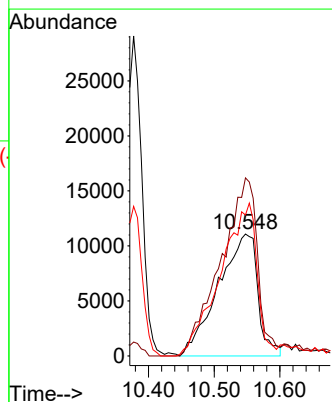
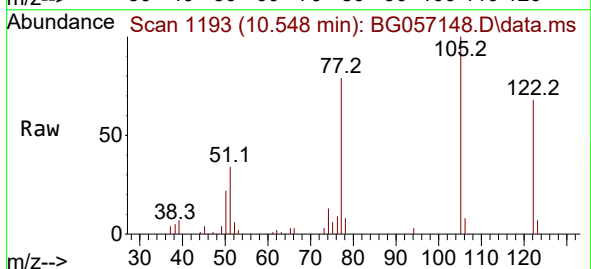
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

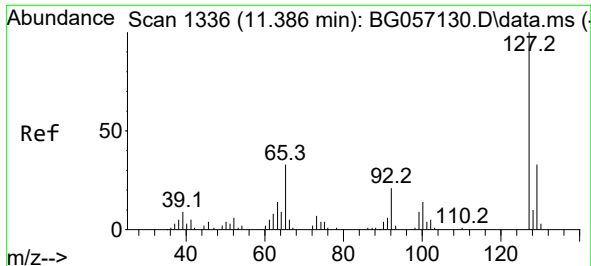
Tgt Ion:128 Resp: 257016
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 16.3 12.3 18.5



#32
Benzoic acid
Concen: 90.174 ng
RT: 10.548 min Scan# 1193
Delta R.T. 0.043 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:122 Resp: 46423
Ion Ratio Lower Upper
122 100
105 146.0 110.8 150.8
77 115.6 85.8 125.8

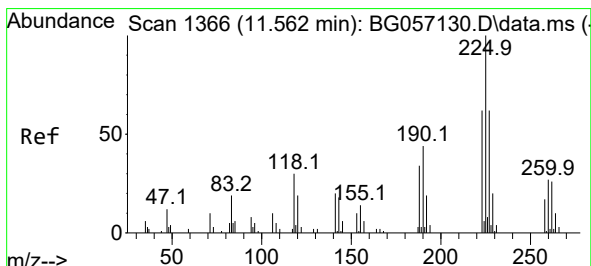
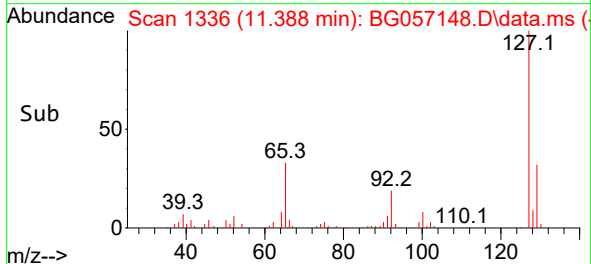
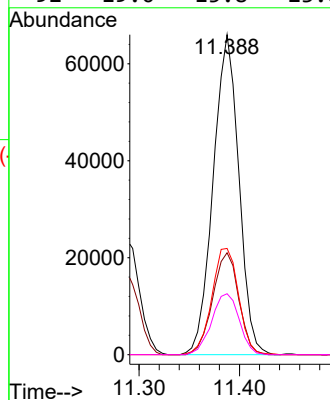
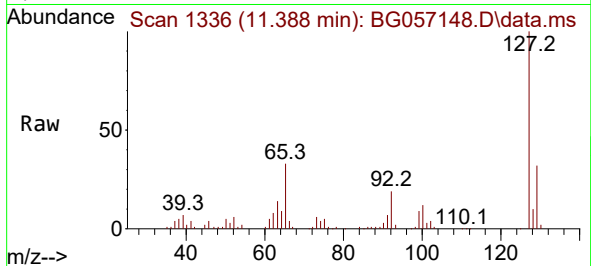




#33
4-Chloroaniline
Concen: 77.620 ng
RT: 11.388 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

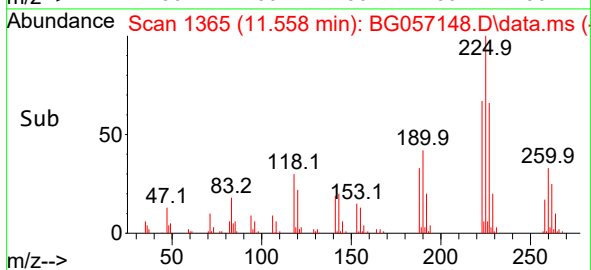
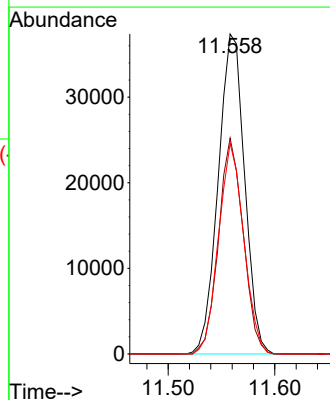
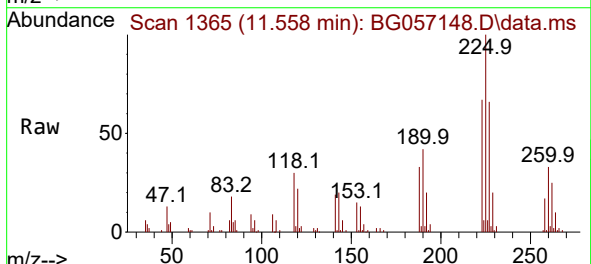
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

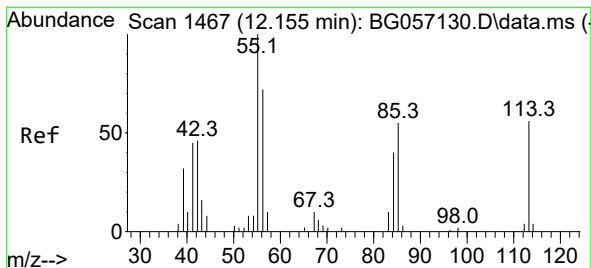
Tgt Ion:	127	Resp:	117130
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0
65	33.2	24.0	36.0
92	19.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 73.079 ng
RT: 11.558 min Scan# 1365
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:	225	Resp:	64242
Ion	Ratio	Lower	Upper
225	100		
223	67.5	51.8	77.6
227	65.9	48.9	73.3





#35

Caprolactam

Concen: 79.027 ng

RT: 12.181 min Scan# 1467

Delta R.T. 0.031 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

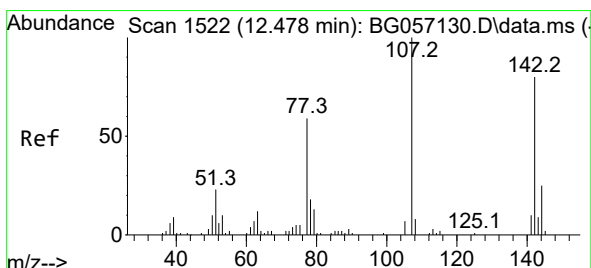
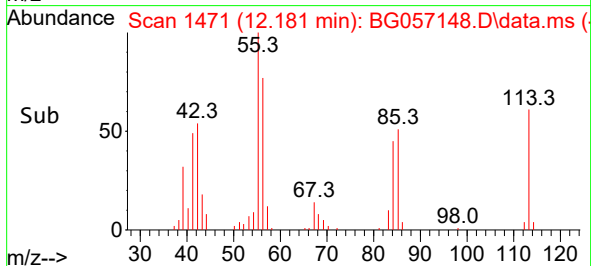
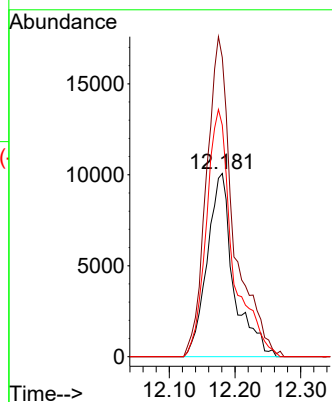
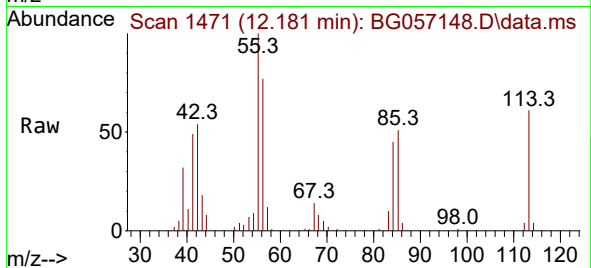
Tgt Ion:113 Resp: 28248

Ion Ratio Lower Upper

113 100

55 163.4 157.3 197.3

56 126.4 98.7 138.7



#36

4-Chloro-3-methylphenol

Concen: 80.761 ng

RT: 12.480 min Scan# 1522

Delta R.T. 0.007 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

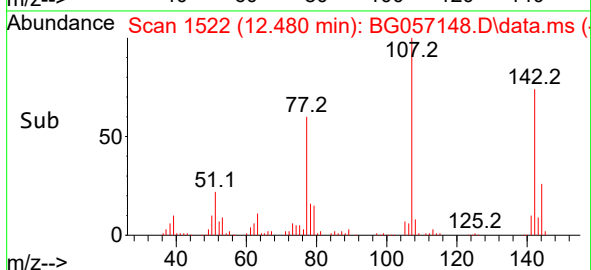
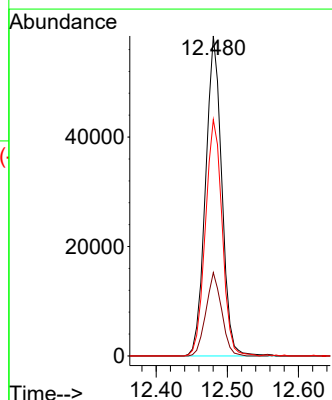
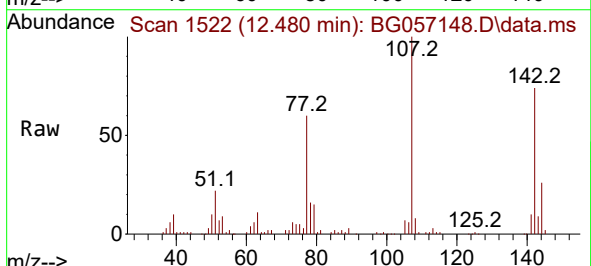
Tgt Ion:107 Resp: 93113

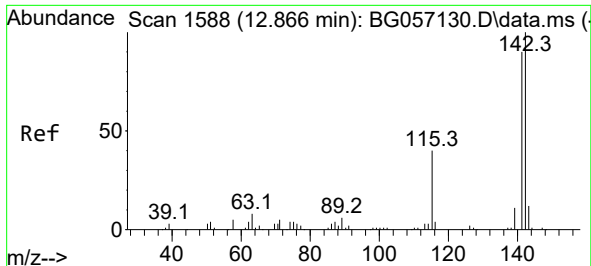
Ion Ratio Lower Upper

107 100

144 26.1 19.7 29.5

142 73.8 57.4 86.0





#37

2-Methylnaphthalene

Concen: 73.849 ng

RT: 12.862 min Scan# 1588

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

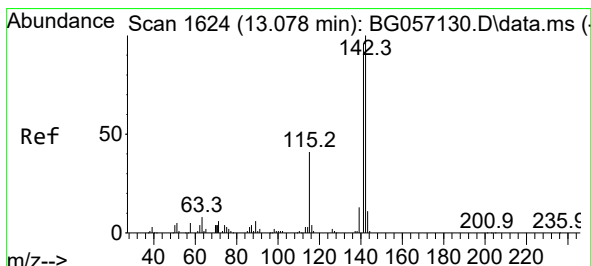
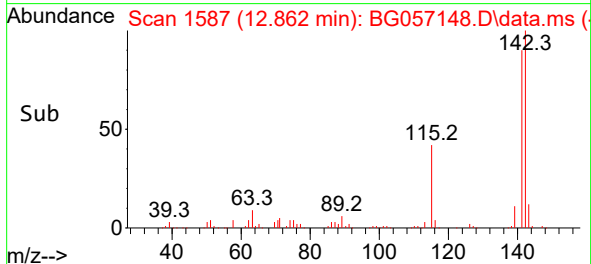
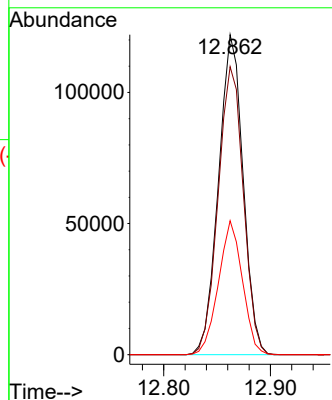
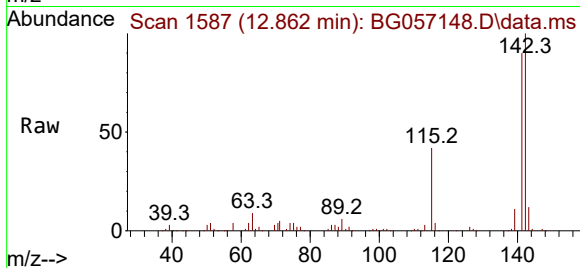
Tgt Ion:142 Resp: 195091

Ion Ratio Lower Upper

142 100

141 90.0 73.8 110.6

115 41.9 32.1 48.1



#38

1-Methylnaphthalene

Concen: 72.947 ng

RT: 13.079 min Scan# 1624

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

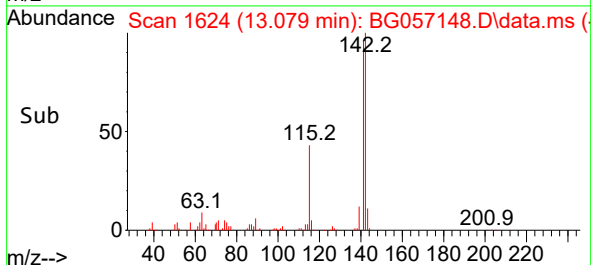
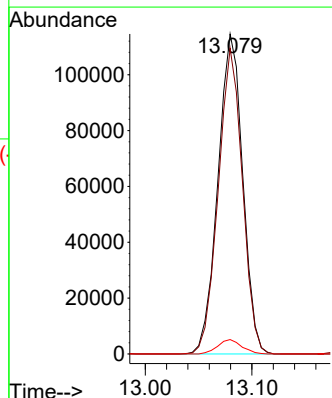
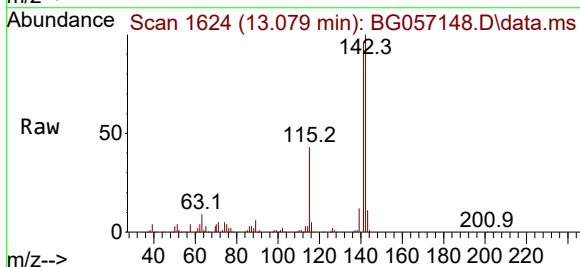
Tgt Ion:142 Resp: 184566

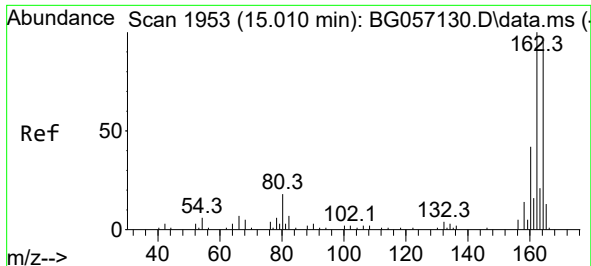
Ion Ratio Lower Upper

142 100

141 95.5 72.2 108.4

116 4.5 3.7 5.5

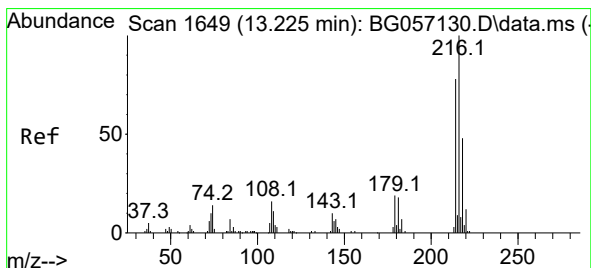
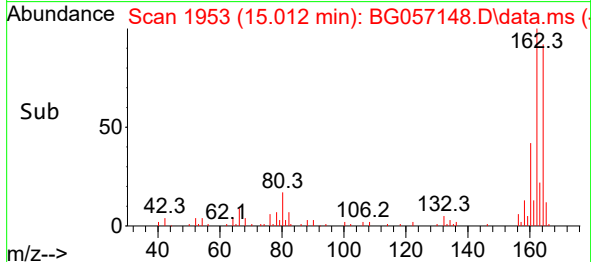
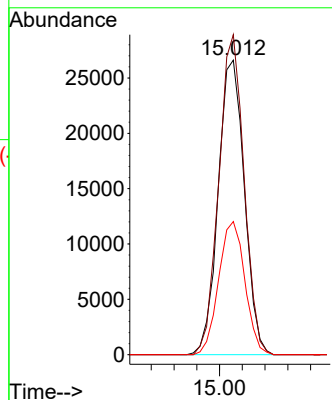
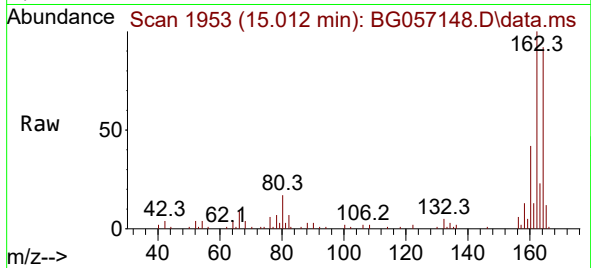




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.012 min Scan# 1953
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

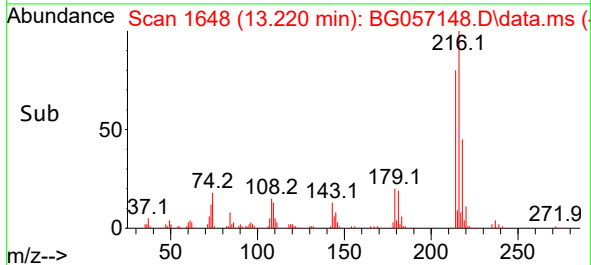
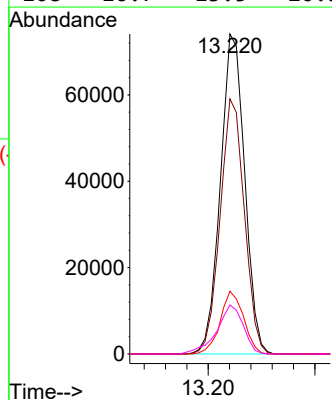
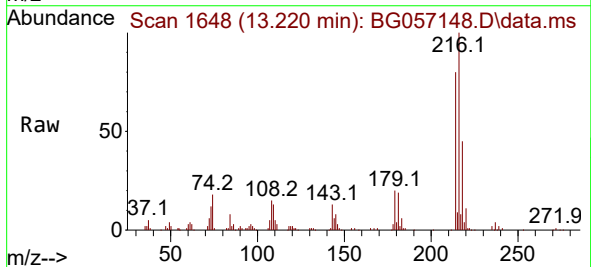
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

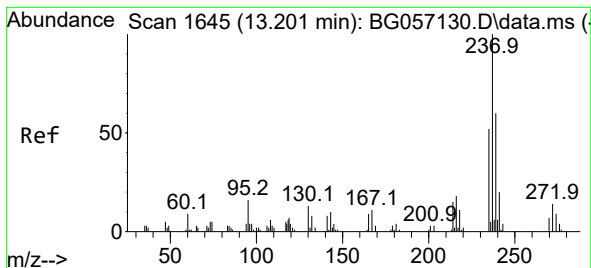
Tgt Ion:164 Resp: 42561
Ion Ratio Lower Upper
164 100
162 108.6 81.0 121.4
160 45.2 34.6 51.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.419 ng
RT: 13.220 min Scan# 1648
Delta R.T. -0.005 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:216 Resp: 116920
Ion Ratio Lower Upper
216 100
214 79.5 62.9 94.3
179 18.9 15.8 23.6
108 16.7 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 93.579 ng

RT: 13.197 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

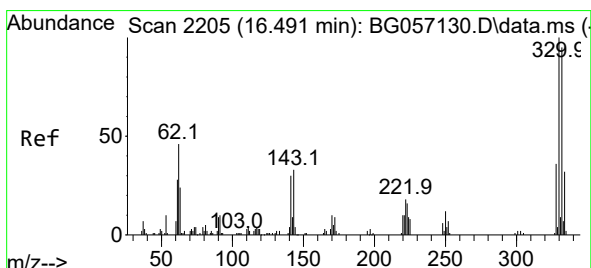
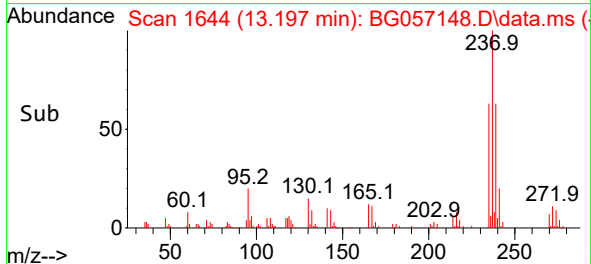
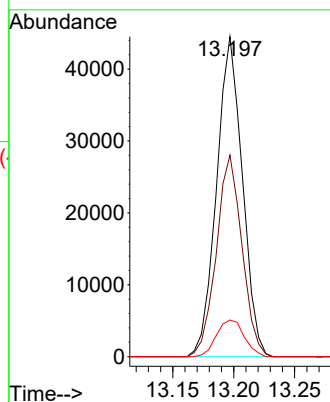
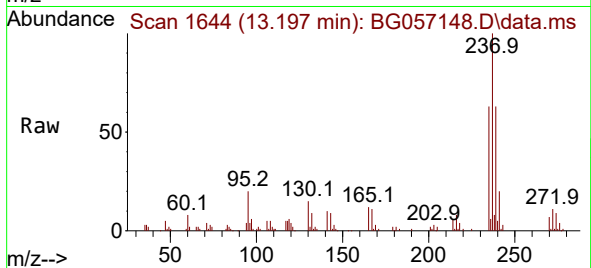
Tgt Ion:237 Resp: 65488

Ion Ratio Lower Upper

237 100

235 63.0 48.6 88.6

272 11.4 0.0 33.3



#42

2,4,6-Tribromophenol

Concen: 146.742 ng

RT: 16.493 min Scan# 2205

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

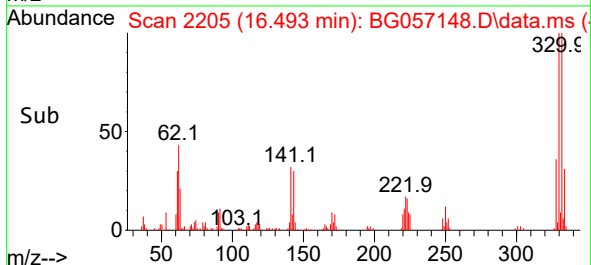
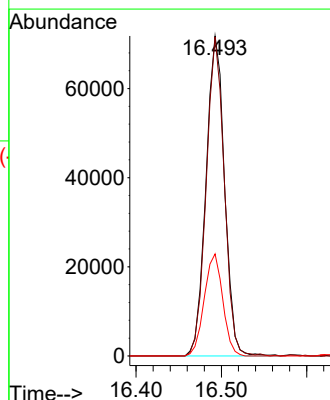
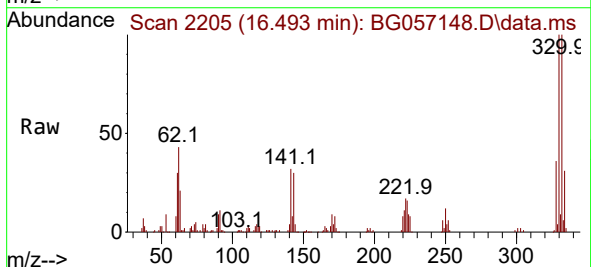
Tgt Ion:330 Resp: 108499

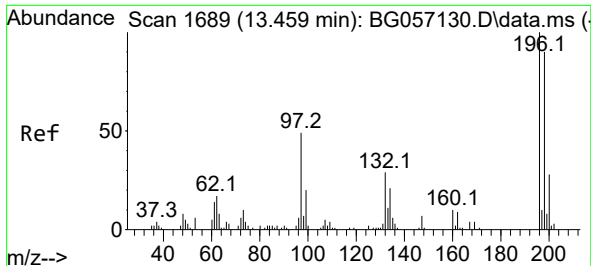
Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 31.7 24.5 36.7

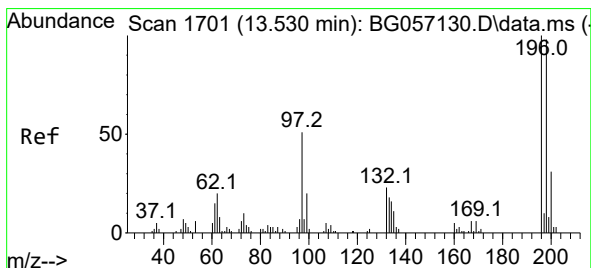
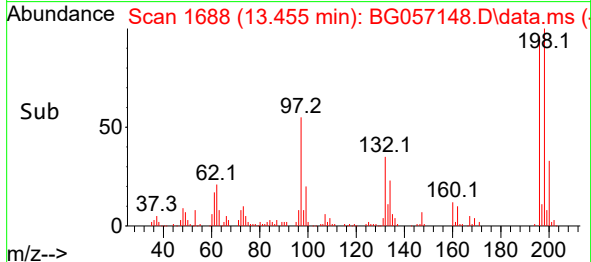
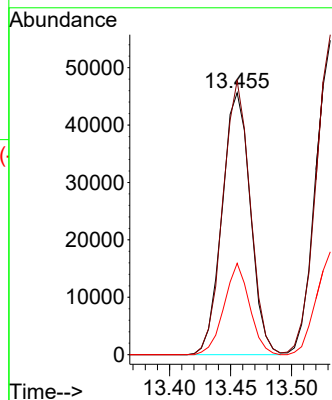
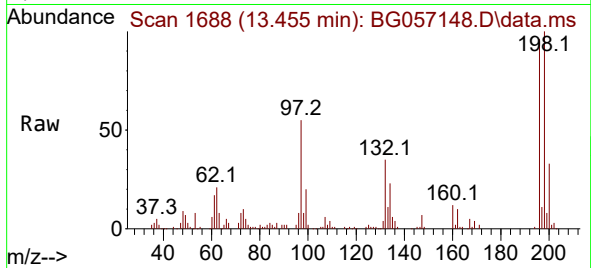




#43
2,4,6-Trichlorophenol
Concen: 80.645 ng
RT: 13.455 min Scan# 1
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

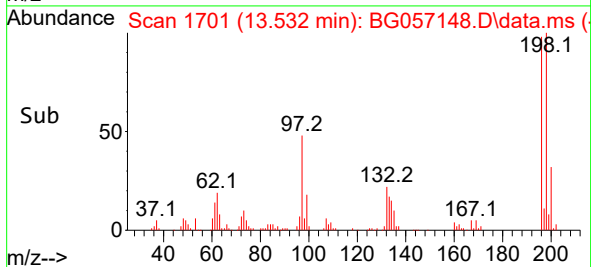
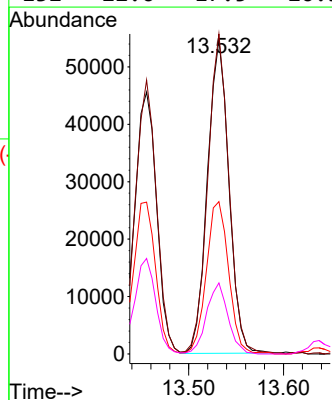
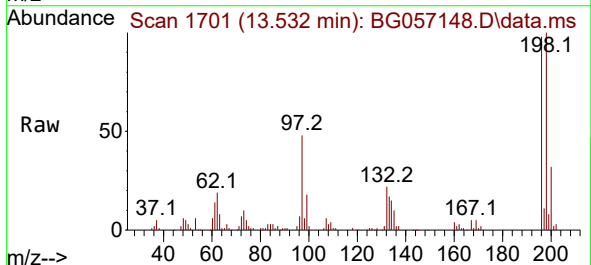
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

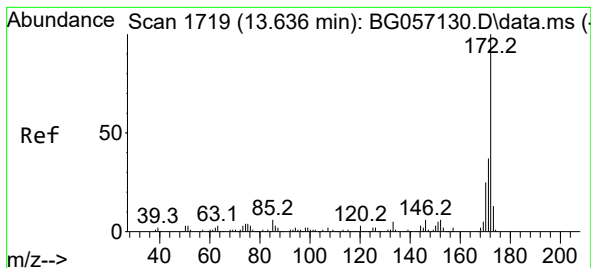
Tgt Ion:196 Resp: 73625
Ion Ratio Lower Upper
196 100
198 104.6 75.3 112.9
200 34.9 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 78.904 ng
RT: 13.532 min Scan# 1701
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:196 Resp: 85827
Ion Ratio Lower Upper
196 100
198 101.8 75.4 113.0
97 48.4 37.8 56.6
132 22.6 17.5 26.3

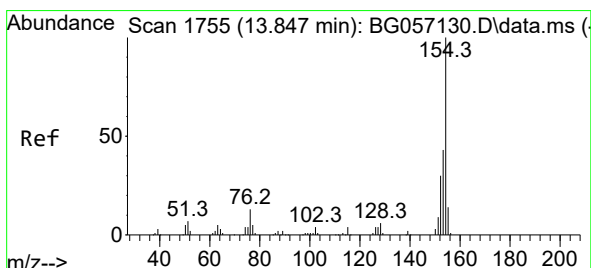
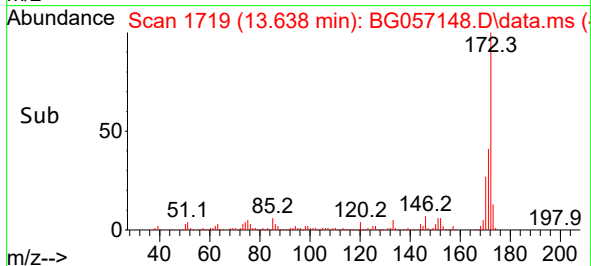
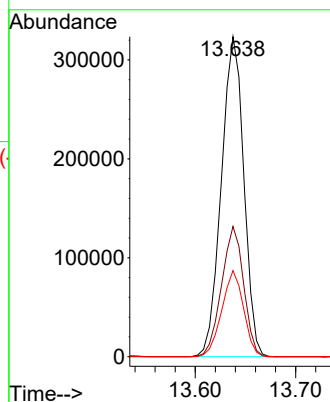
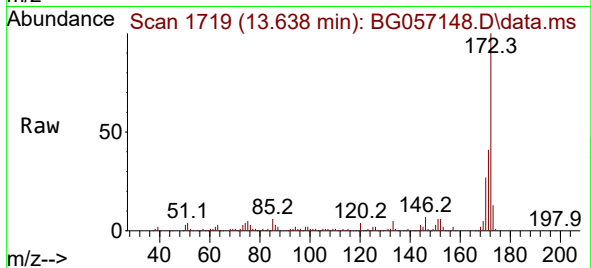




#45
2-Fluorobiphenyl
Concen: 156.243 ng
RT: 13.638 min Scan# 1719
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

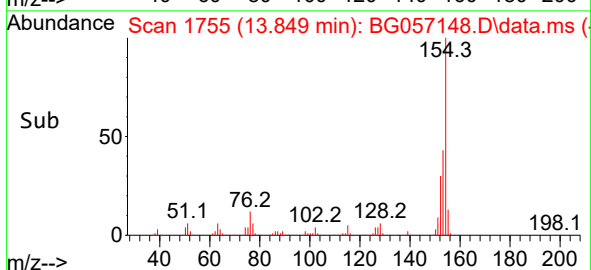
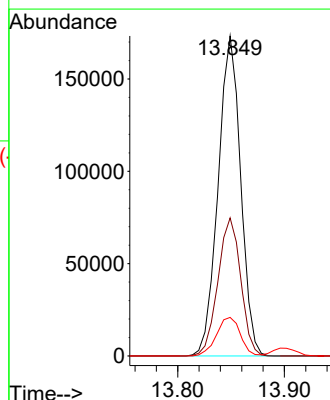
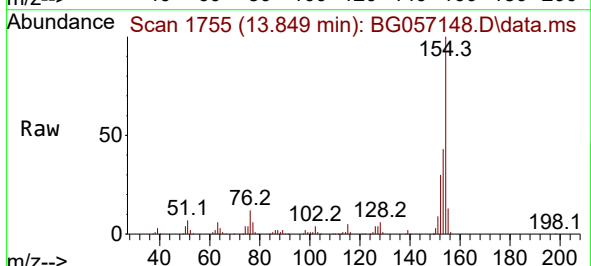
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

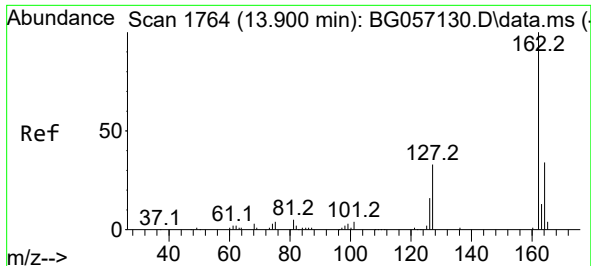
Tgt Ion:172 Resp: 501570
Ion Ratio Lower Upper
172 100
171 40.7 31.8 47.8
170 26.9 19.9 29.9



#46
1,1'-Biphenyl
Concen: 79.364 ng
RT: 13.849 min Scan# 1755
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:154 Resp: 254058
Ion Ratio Lower Upper
154 100
153 43.2 23.6 63.6
76 12.0 0.0 33.5

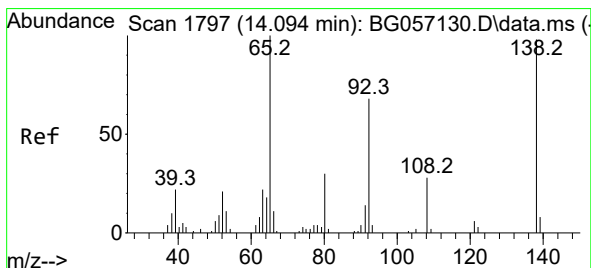
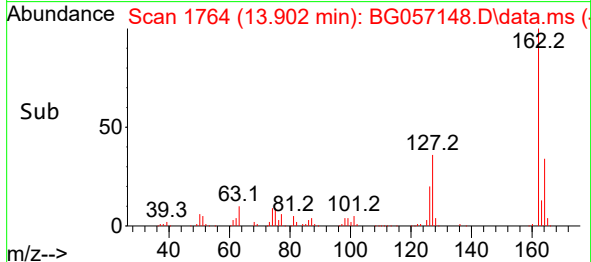
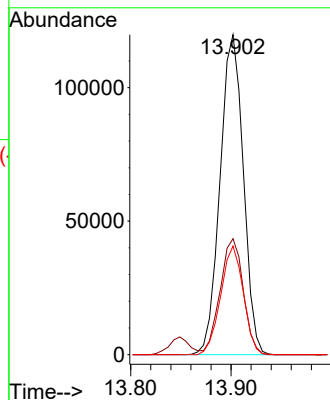
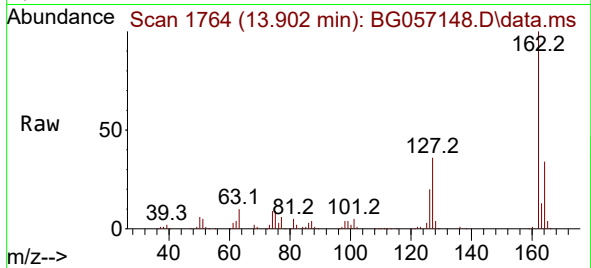




#47
2-Chloronaphthalene
Concen: 80.519 ng
RT: 13.902 min Scan# 1764
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

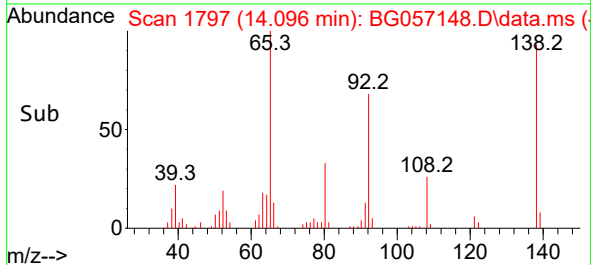
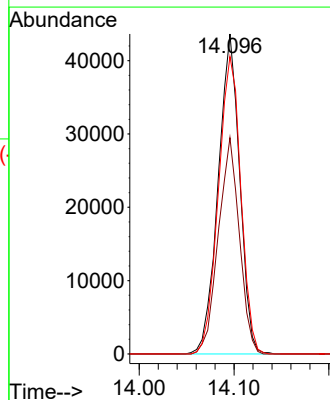
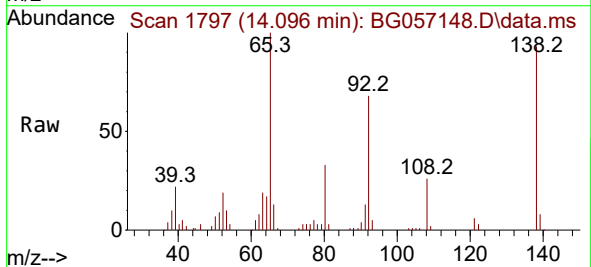
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

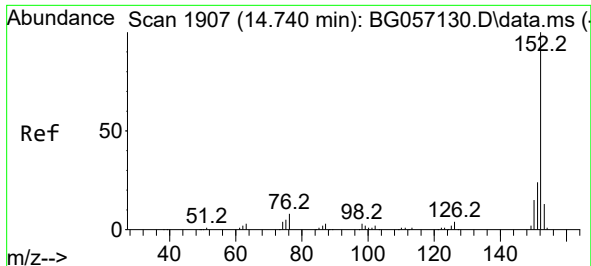
Tgt Ion:162 Resp: 192672
Ion Ratio Lower Upper
162 100
127 36.2 29.0 43.6
164 34.0 26.2 39.2



#48
2-Nitroaniline
Concen: 85.266 ng
RT: 14.096 min Scan# 1797
Delta R.T. 0.008 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion: 65 Resp: 68666
Ion Ratio Lower Upper
65 100
92 67.6 51.1 76.7
138 93.0 69.1 103.7

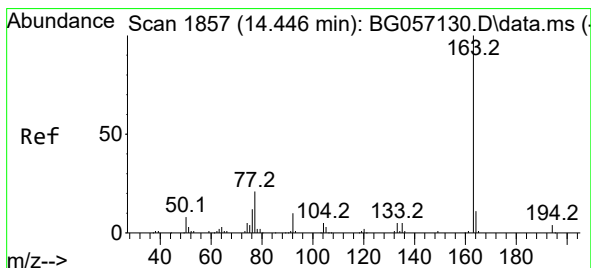
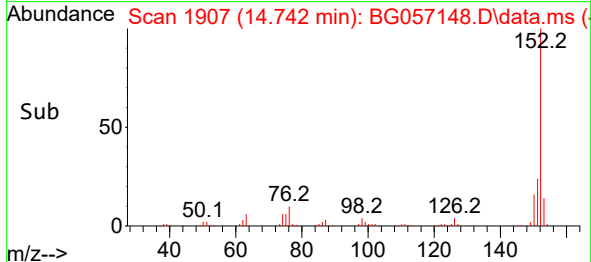
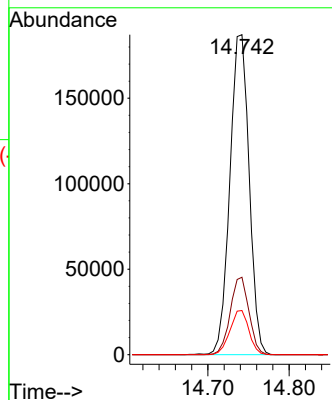
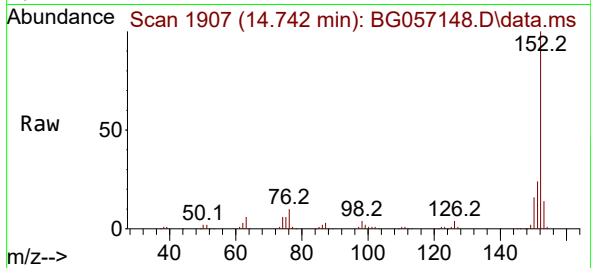




#49
Acenaphthylene
Concen: 80.000 ng
RT: 14.742 min Scan# 1907
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

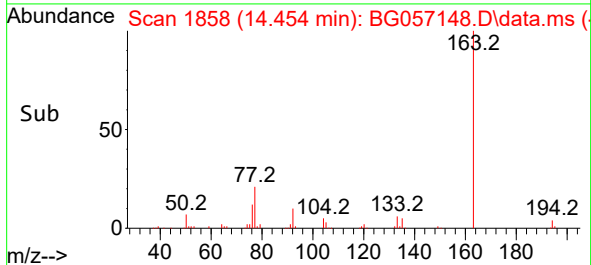
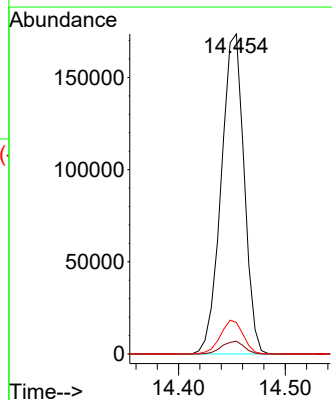
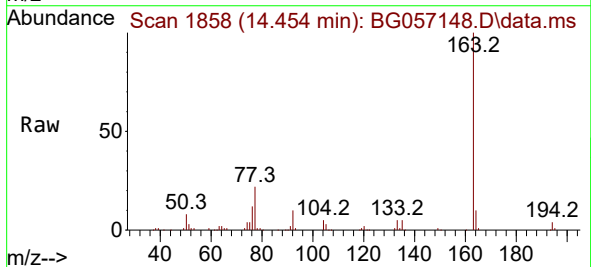
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

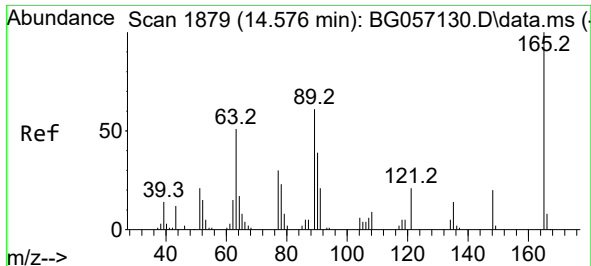
Tgt Ion:152 Resp: 308151
Ion Ratio Lower Upper
152 100
151 24.2 19.3 28.9
153 13.8 10.2 15.2



#50
Dimethylphthalate
Concen: 77.568 ng
RT: 14.454 min Scan# 1858
Delta R.T. 0.013 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:163 Resp: 259359
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.9 8.8 13.2

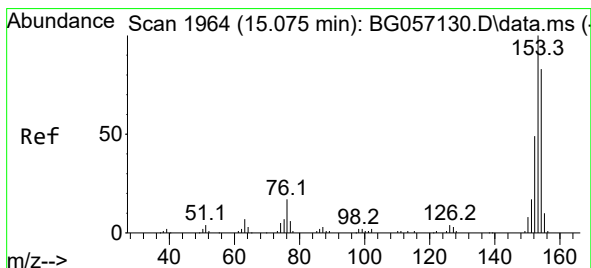
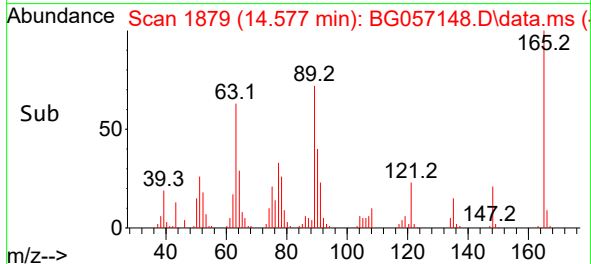
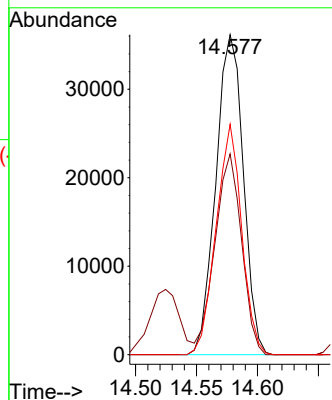
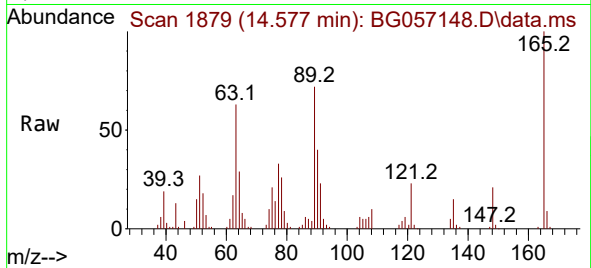




#51
2,6-Dinitrotoluene
Concen: 77.934 ng
RT: 14.577 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

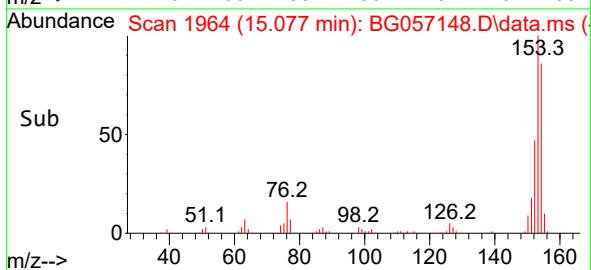
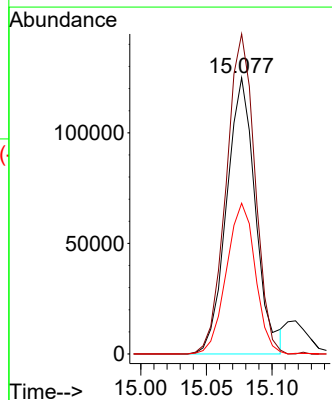
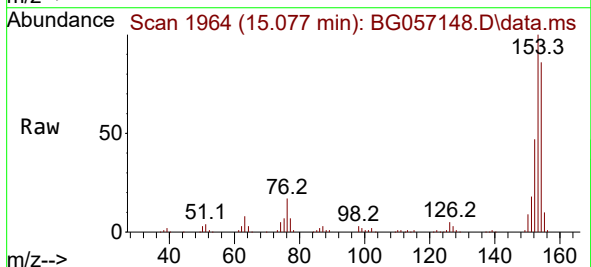
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

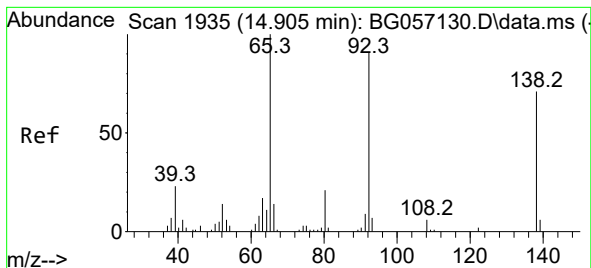
Tgt Ion:165 Resp: 56752
Ion Ratio Lower Upper
165 100
63 62.8 49.7 74.5
89 72.0 55.2 82.8



#52
Acenaphthene
Concen: 79.466 ng
RT: 15.077 min Scan# 1964
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:154 Resp: 190901
Ion Ratio Lower Upper
154 100
153 115.9 93.2 139.8
152 54.6 44.7 67.1

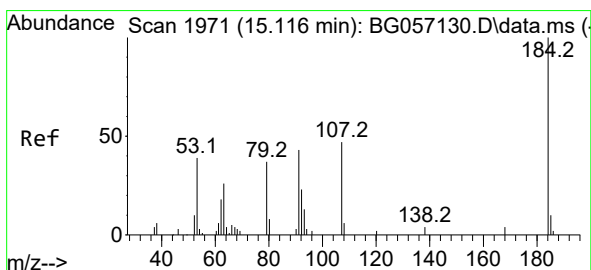
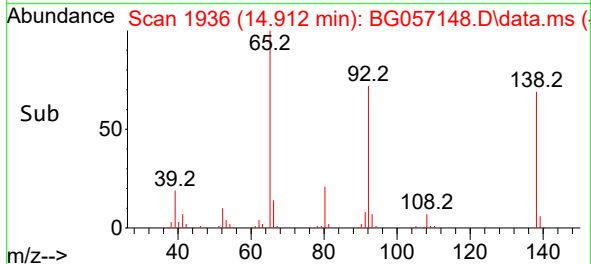
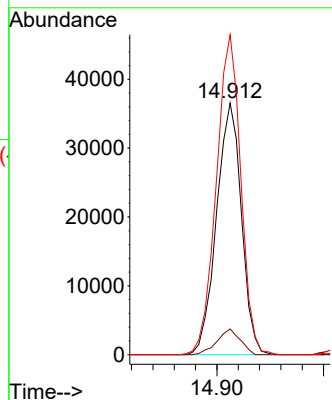
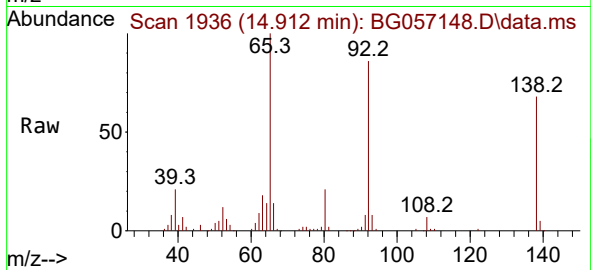




#53
3-Nitroaniline
Concen: 83.870 ng
RT: 14.912 min Scan# 1936
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

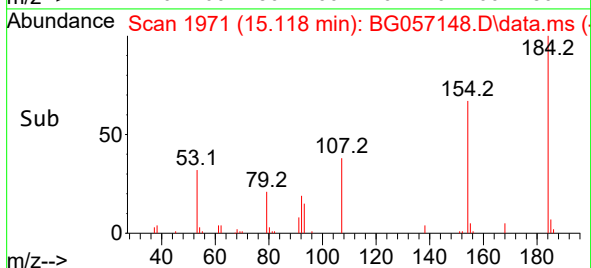
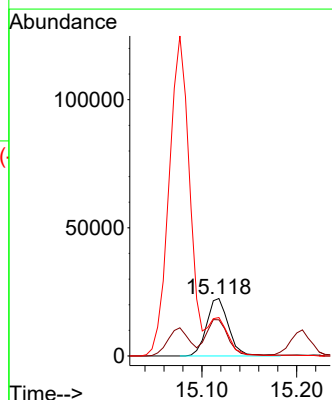
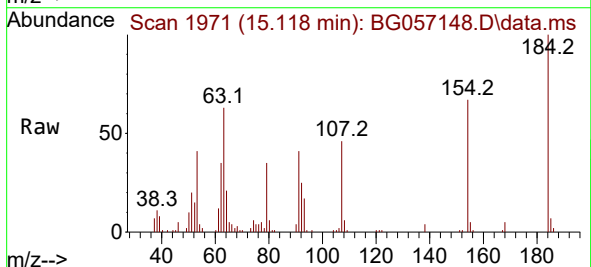
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

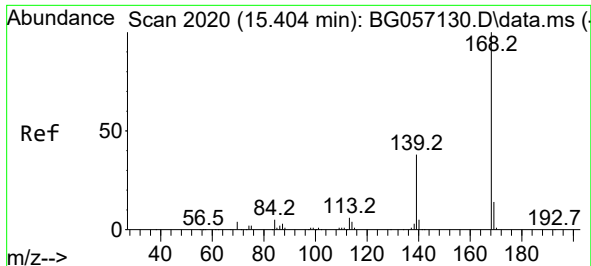
Tgt Ion:138 Resp: 59129
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 127.2 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 90.329 ng
RT: 15.118 min Scan# 1971
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:184 Resp: 36034
Ion Ratio Lower Upper
184 100
63 63.0 51.6 77.4
154 67.0 54.5 81.7

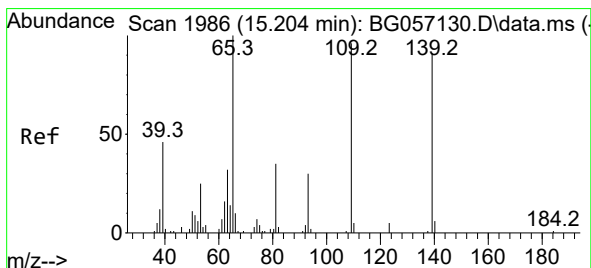
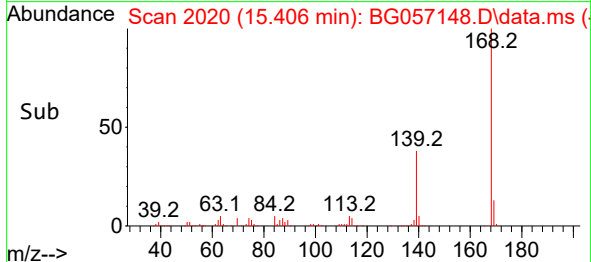
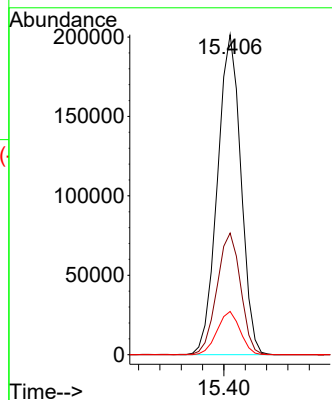
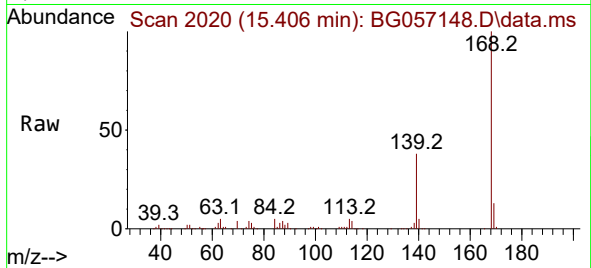




#55
Dibenzofuran
Concen: 76.631 ng
RT: 15.406 min Scan# 20
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

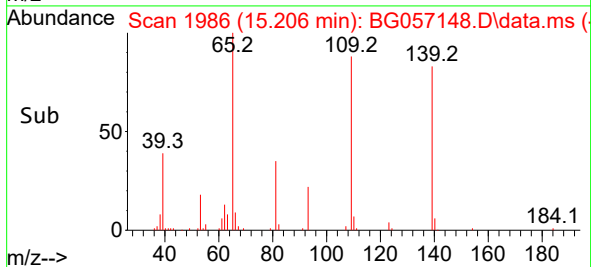
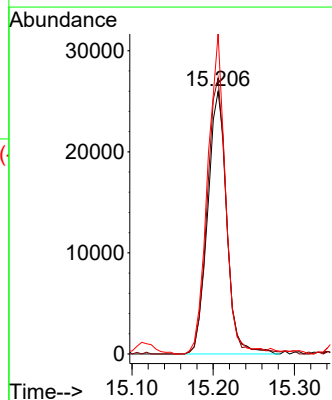
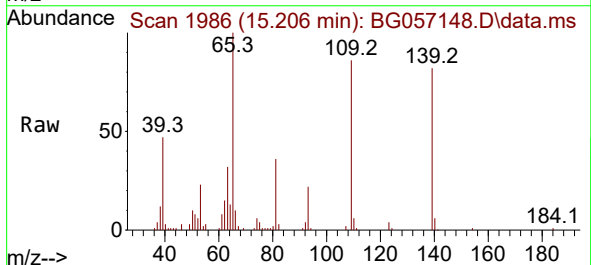
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

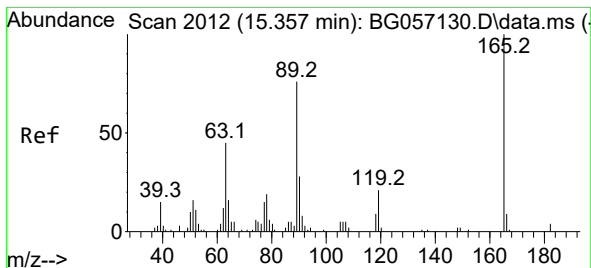
Tgt Ion:168 Resp: 307603
Ion Ratio Lower Upper
168 100
139 38.0 30.0 45.0
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 89.317 ng
RT: 15.206 min Scan# 1986
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:139 Resp: 42517
Ion Ratio Lower Upper
139 100
109 105.1 92.0 132.0
65 121.9 101.4 141.4

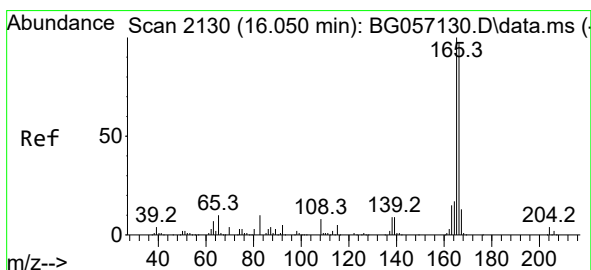
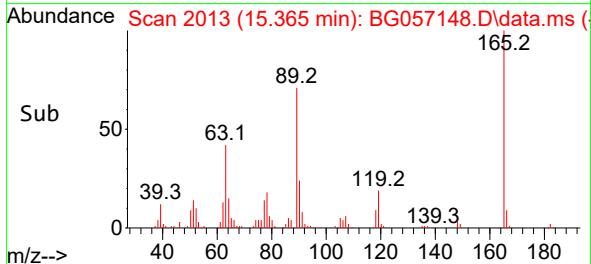
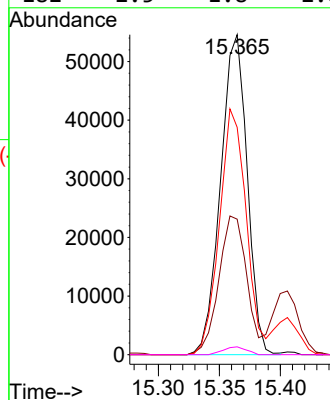
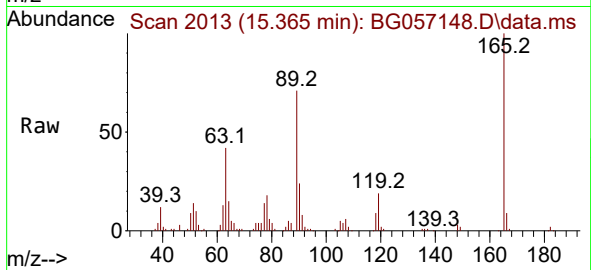




#57
2,4-Dinitrotoluene
Concen: 80.300 ng
RT: 15.365 min Scan# 2012
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

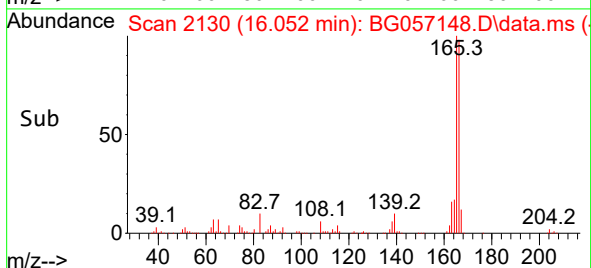
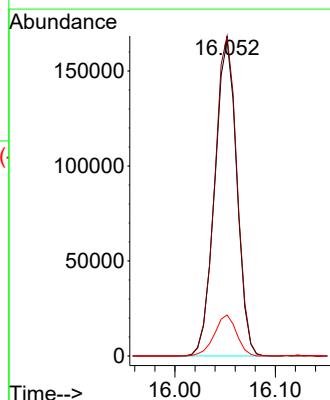
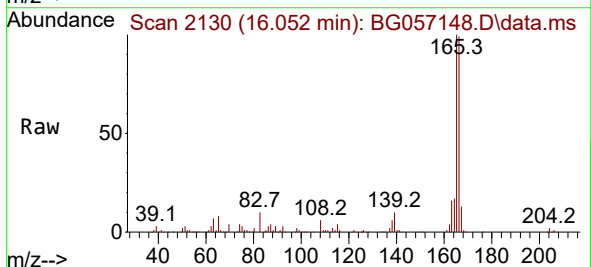
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

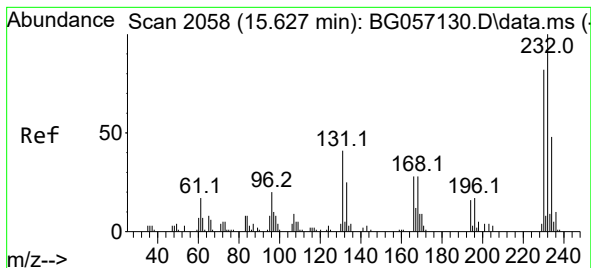
Tgt Ion:165 Resp: 82887
Ion Ratio Lower Upper
165 100
63 42.4 35.1 52.7
89 71.0 62.5 93.7
182 2.5 1.8 2.8



#58
Fluorene
Concen: 73.506 ng
RT: 16.052 min Scan# 2130
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:166 Resp: 252988
Ion Ratio Lower Upper
166 100
165 101.3 83.2 124.8
167 13.0 10.1 15.1

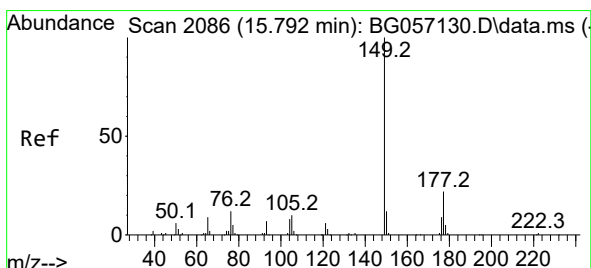
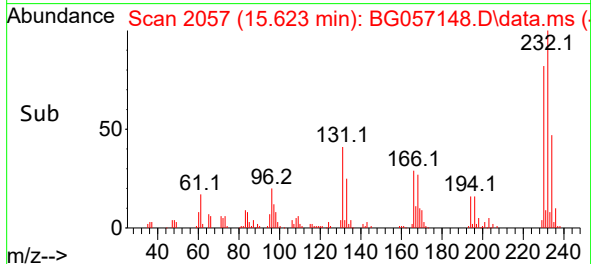
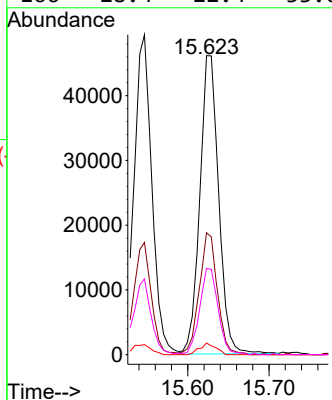
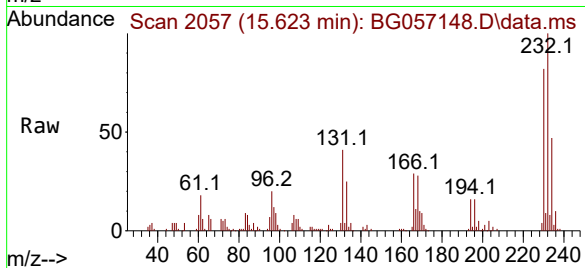




#59
2,3,4,6-Tetrachlorophenol
Concen: 79.563 ng
RT: 15.623 min Scan# 2058
Delta R.T. -0.004 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

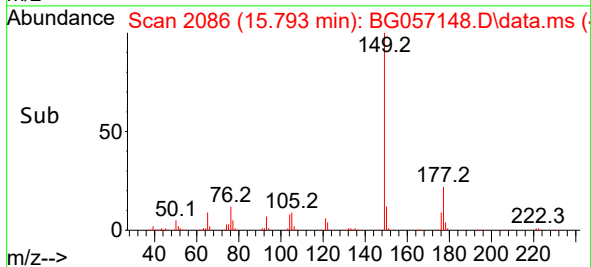
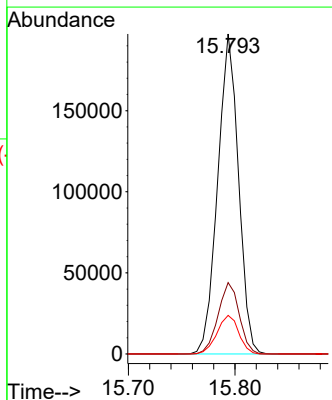
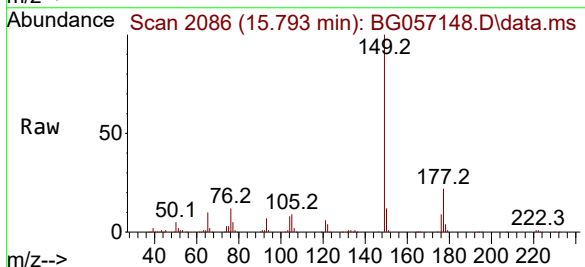
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

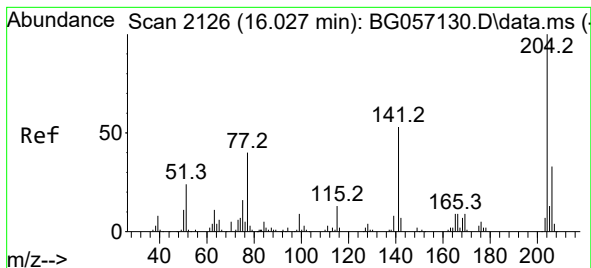
Tgt Ion:232	Resp:	74427
Ion Ratio	Lower	Upper
232	100	
131	39.3	33.1 49.7
130	3.3	2.4 3.6
166	28.4	22.4 33.6



#60
Diethylphthalate
Concen: 76.650 ng
RT: 15.793 min Scan# 2086
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:149	Resp:	266547
Ion Ratio	Lower	Upper
149	100	
177	22.3	17.8 26.6
150	12.1	9.9 14.9

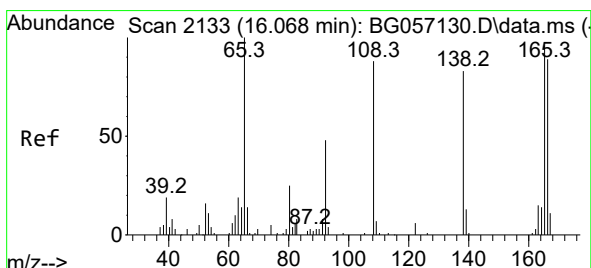
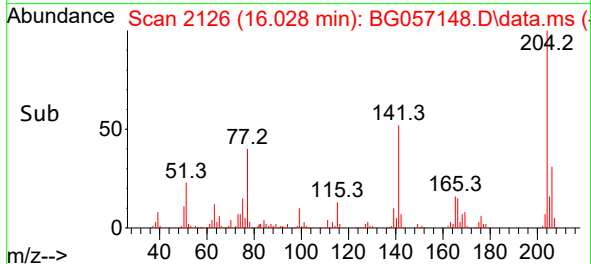
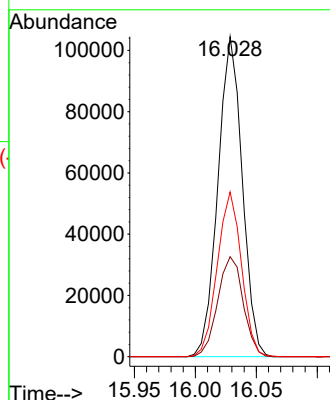
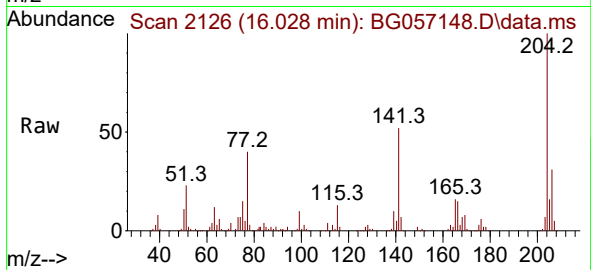




#61
4-Chlorophenyl-phenylether
Concen: 71.412 ng
RT: 16.028 min Scan# 2126
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

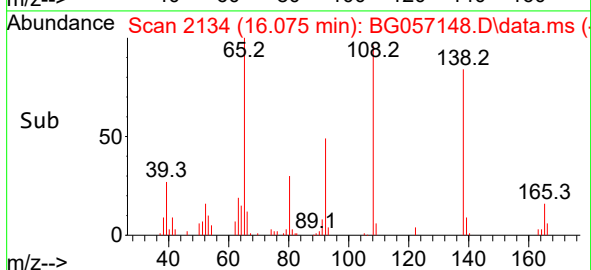
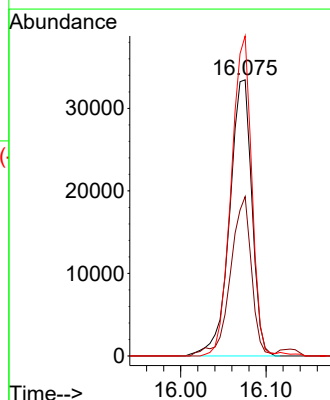
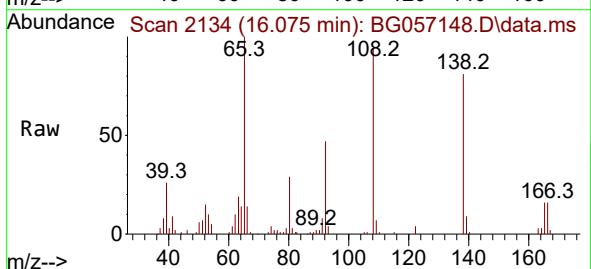
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

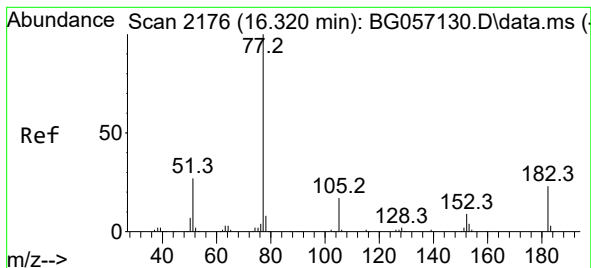
Tgt Ion:204 Resp: 144971
Ion Ratio Lower Upper
204 100
206 31.3 25.5 38.3
141 51.5 41.2 61.8



#62
4-Nitroaniline
Concen: 74.085 ng
RT: 16.075 min Scan# 2134
Delta R.T. 0.013 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:138 Resp: 60609
Ion Ratio Lower Upper
138 100
92 57.7 32.5 72.5
108 115.8 87.7 127.7





#63

Azobenzene

Concen: 75.776 ng

RT: 16.322 min Scan# 2176

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 263818

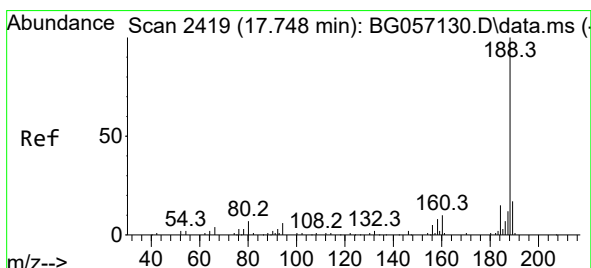
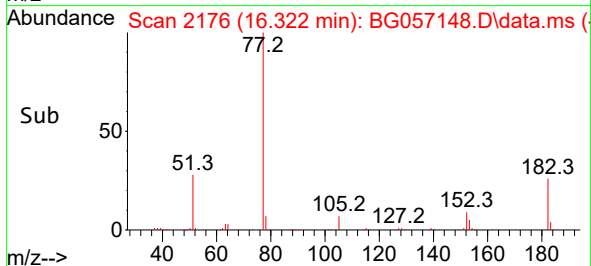
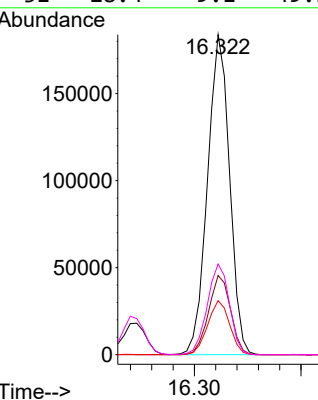
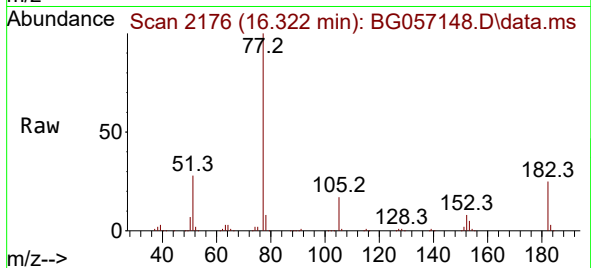
Ion Ratio Lower Upper

77 100

182 24.8 4.3 44.3

105 16.9 0.0 37.3

51 28.4 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.750 min Scan# 2419

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

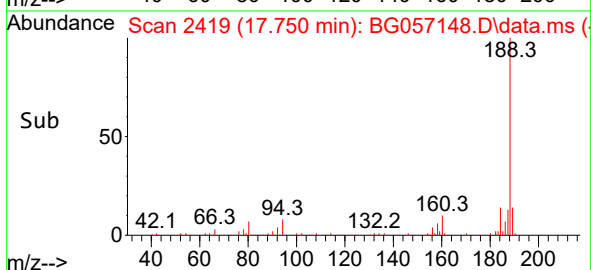
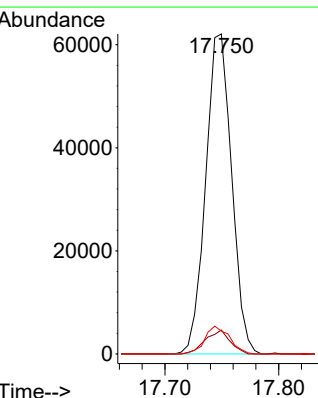
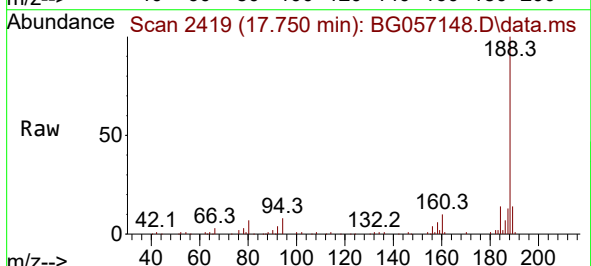
Tgt Ion:188 Resp: 98426

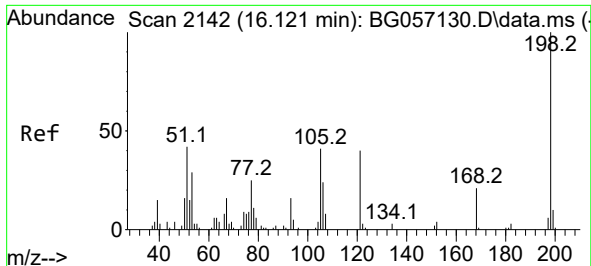
Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

80 7.2 6.3 9.5

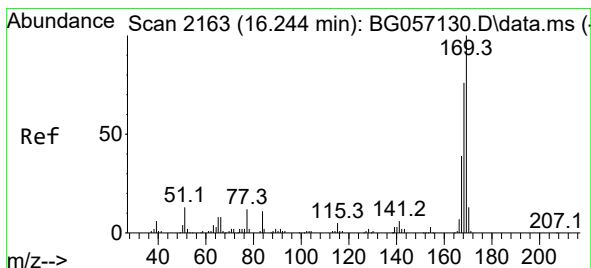
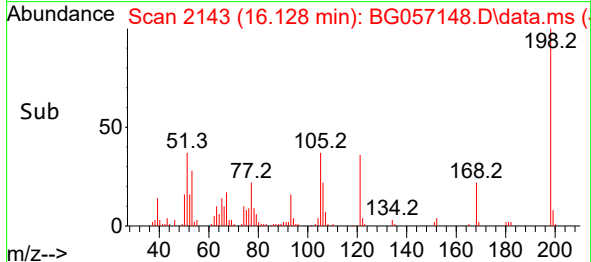
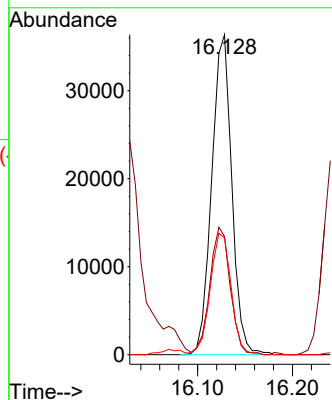
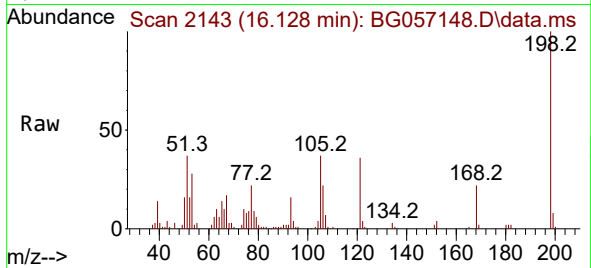




#65
4,6-Dinitro-2-methylphenol
Concen: 87.738 ng
RT: 16.128 min Scan# 2142
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

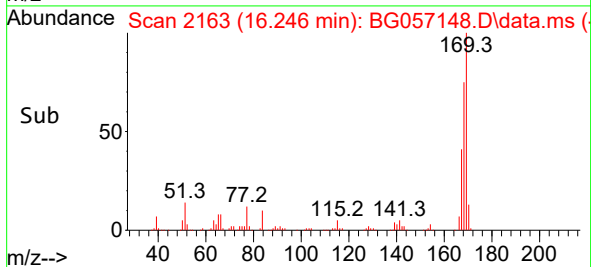
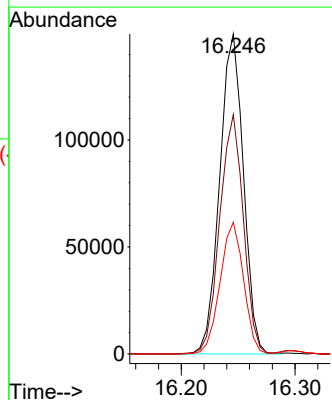
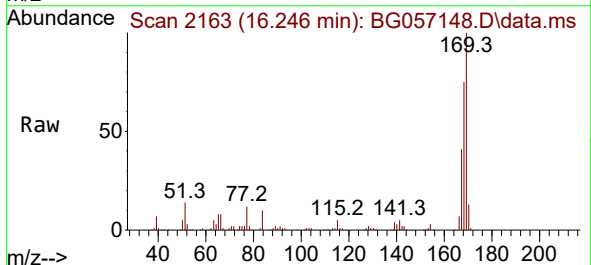
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

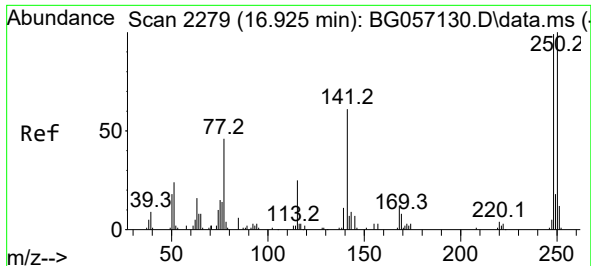
Tgt Ion:198 Resp: 53419
Ion Ratio Lower Upper
198 100
51 37.0 16.6 56.6
105 36.5 14.7 54.7



#66
n-Nitrosodiphenylamine
Concen: 78.617 ng
RT: 16.246 min Scan# 2163
Delta R.T. 0.007 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:169 Resp: 217072
Ion Ratio Lower Upper
169 100
168 74.8 59.4 89.0
167 41.2 33.0 49.4

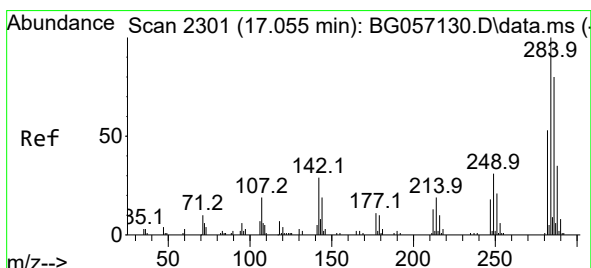
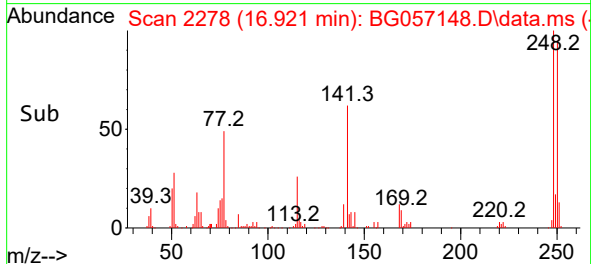
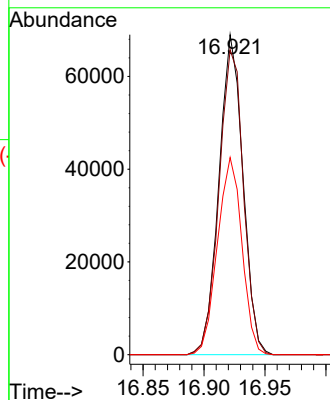
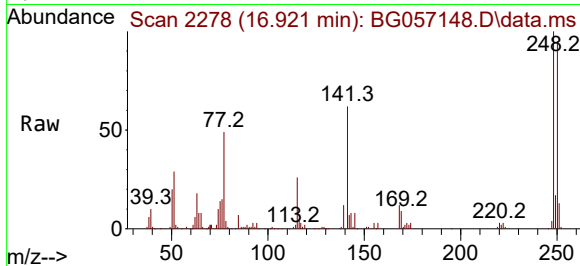




#67
4-Bromophenyl-phenylether
Concen: 77.240 ng
RT: 16.921 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

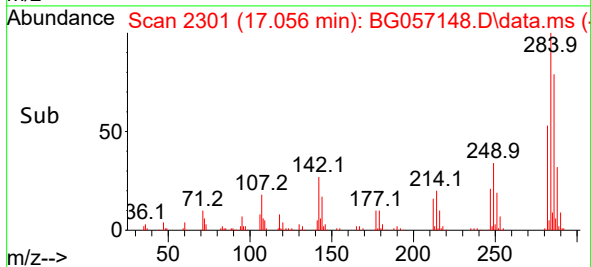
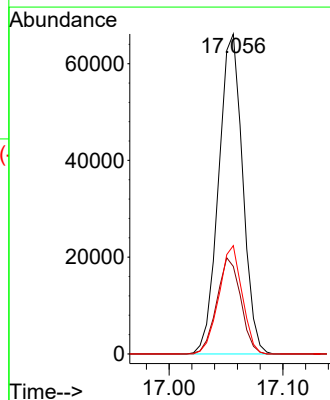
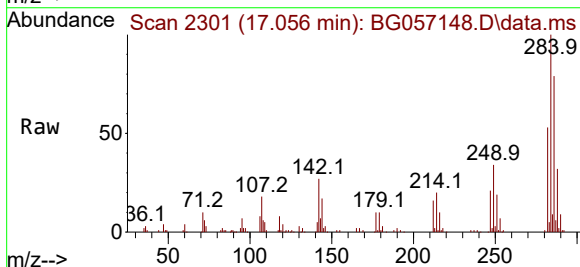
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

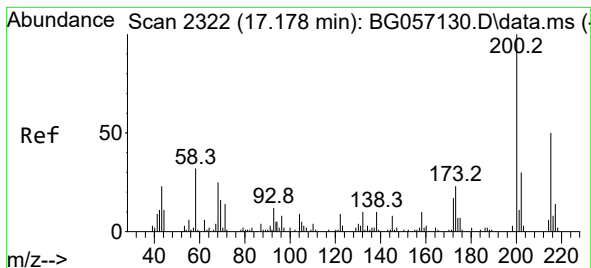
Tgt Ion:248 Resp: 94526
Ion Ratio Lower Upper
248 100
250 95.3 83.0 124.4
141 61.6 53.2 79.8



#68
Hexachlorobenzene
Concen: 76.128 ng
RT: 17.056 min Scan# 2301
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:284 Resp: 97173
Ion Ratio Lower Upper
284 100
142 27.4 23.1 34.7
249 33.9 25.8 38.6





#69

Atrazine

Concen: 72.215 ng

RT: 17.174 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

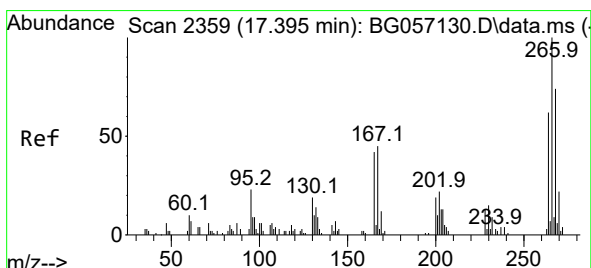
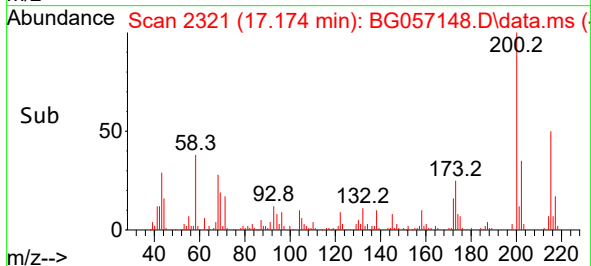
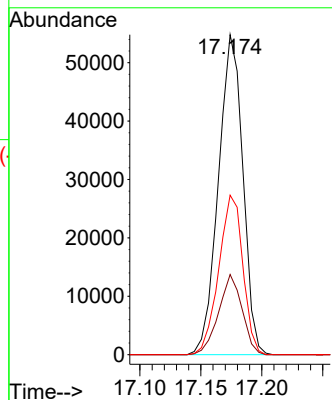
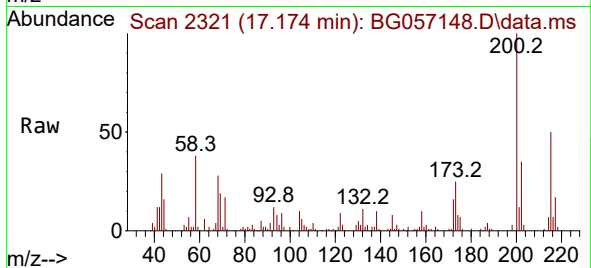
Tgt Ion:200 Resp: 76450

Ion Ratio Lower Upper

200 100

173 25.0 0.4 40.4

215 49.9 28.4 68.4



#70

Pentachlorophenol

Concen: 89.137 ng

RT: 17.391 min Scan# 2358

Delta R.T. 0.001 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

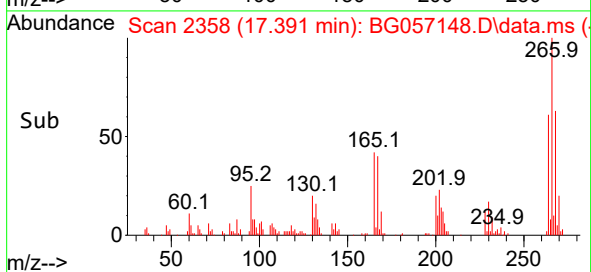
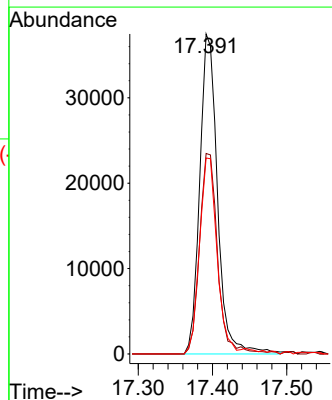
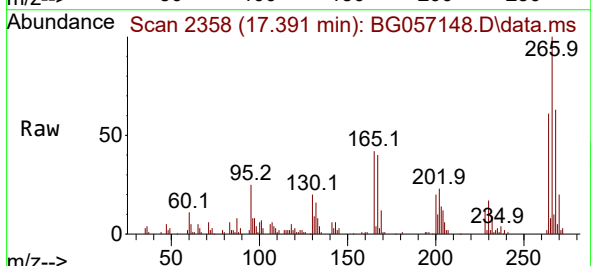
Tgt Ion:266 Resp: 62281

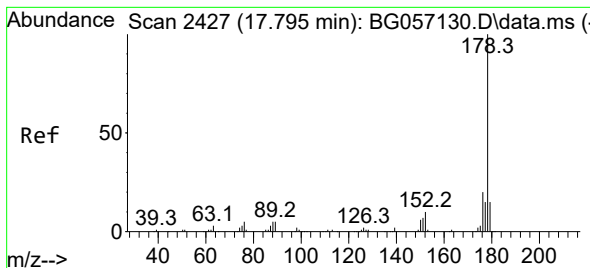
Ion Ratio Lower Upper

266 100

268 62.7 47.8 71.8

264 61.2 49.8 74.8





#71

Phenanthrene

Concen: 77.240 ng

RT: 17.791 min Scan# 2427

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

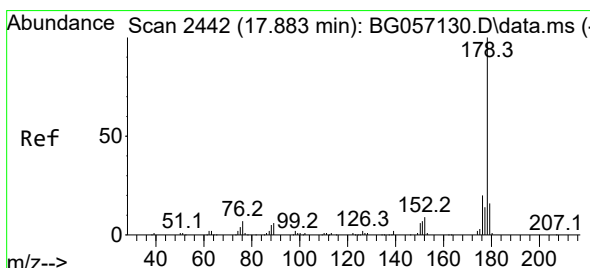
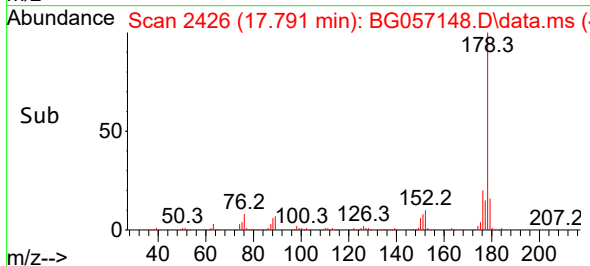
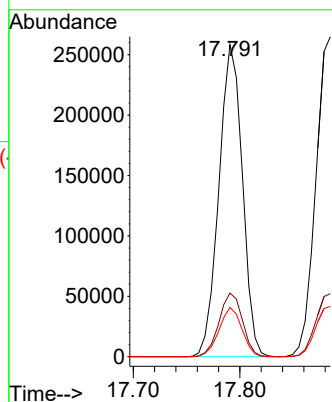
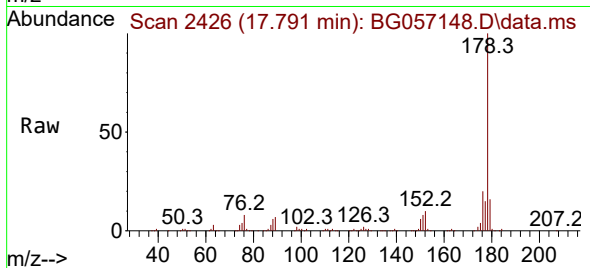
Tgt Ion:178 Resp: 394023

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.6

179 15.8 12.1 18.1



#72

Anthracene

Concen: 76.514 ng

RT: 17.885 min Scan# 2442

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

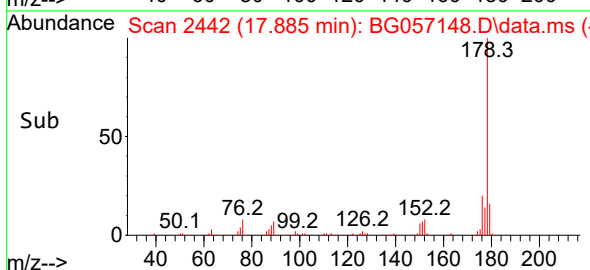
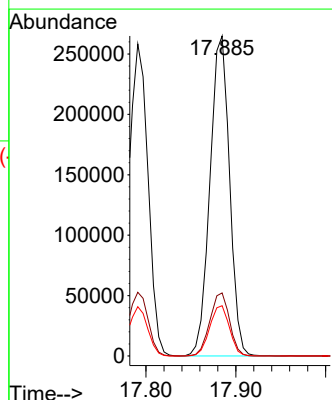
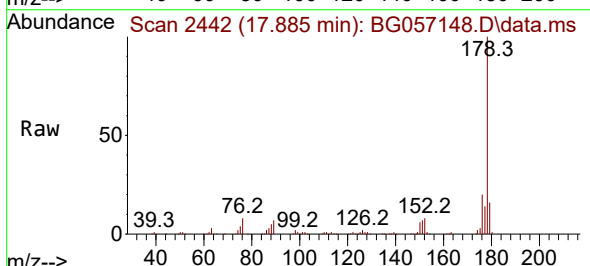
Tgt Ion:178 Resp: 401103

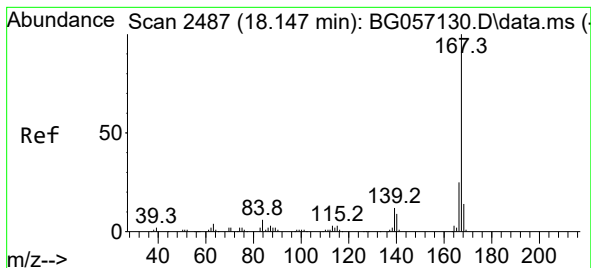
Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

179 15.7 12.5 18.7





#73

Carbazole

Concen: 77.594 ng

RT: 18.149 min Scan# 24

Delta R.T. 0.007 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

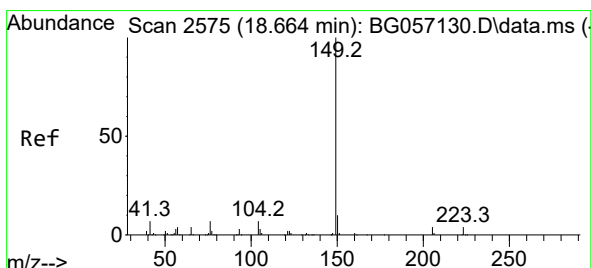
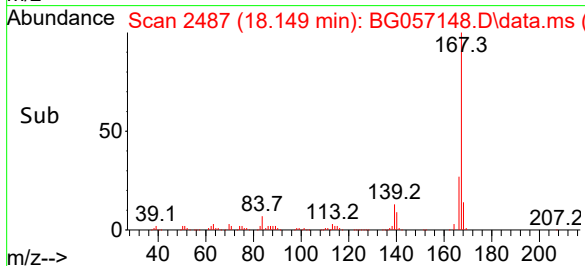
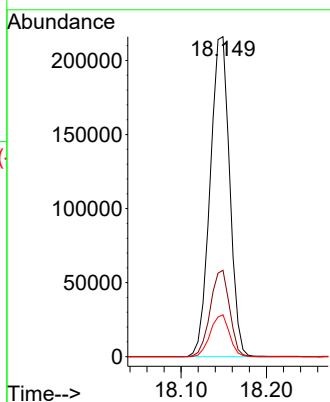
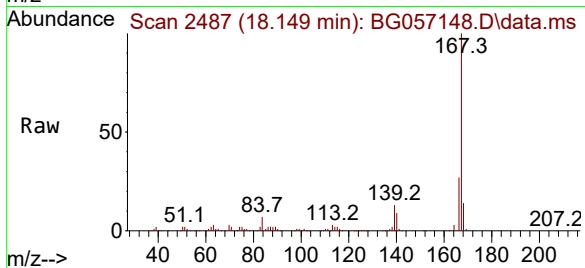
Tgt Ion:167 Resp: 342820

Ion Ratio Lower Upper

167 100

166 27.0 21.9 32.9

139 13.1 9.7 14.5



#74

Di-n-butylphthalate

Concen: 80.462 ng

RT: 18.666 min Scan# 2575

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

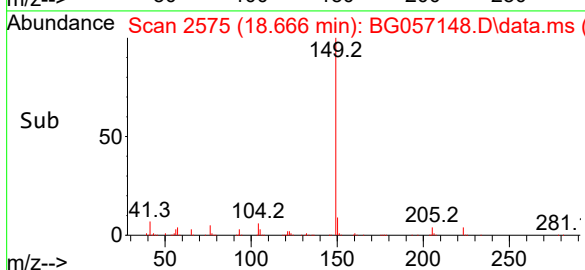
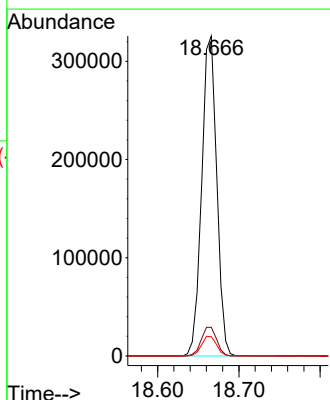
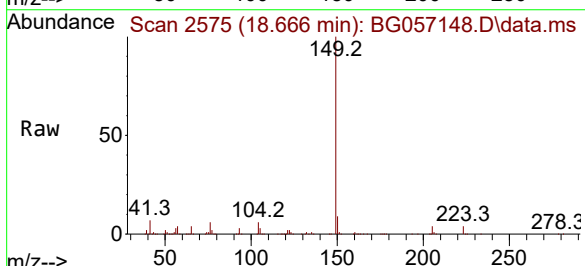
Tgt Ion:149 Resp: 419925

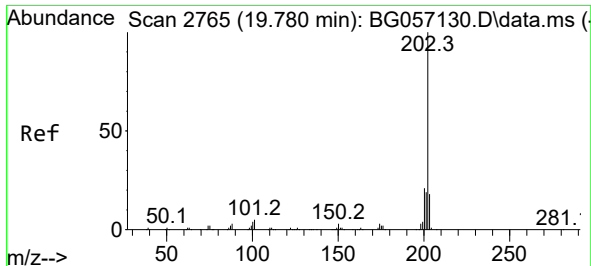
Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

104 6.0 4.8 7.2

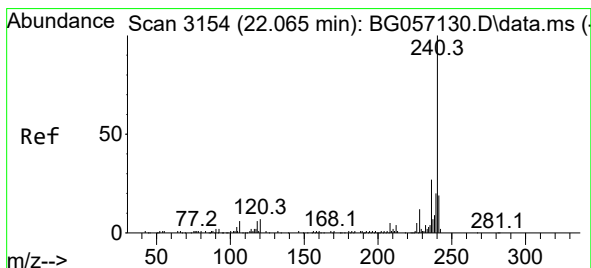
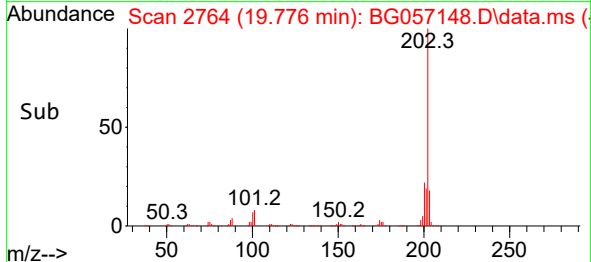
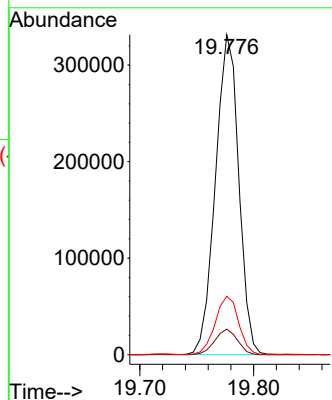
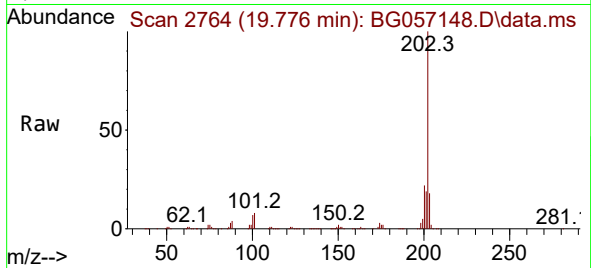




#75
Fluoranthene
Concen: 75.583 ng
RT: 19.776 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

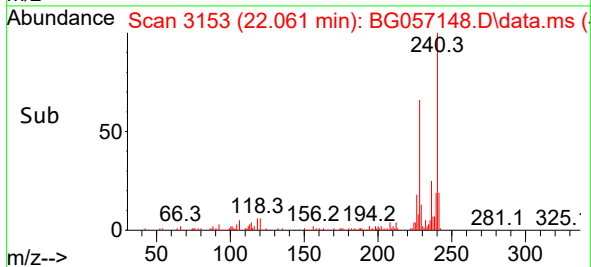
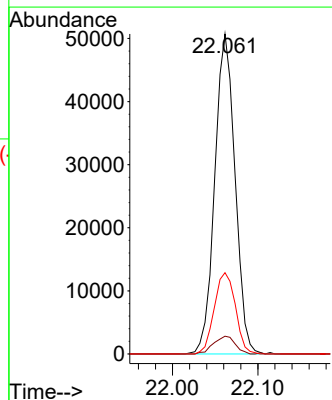
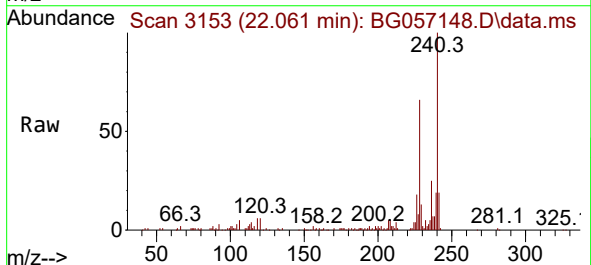
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

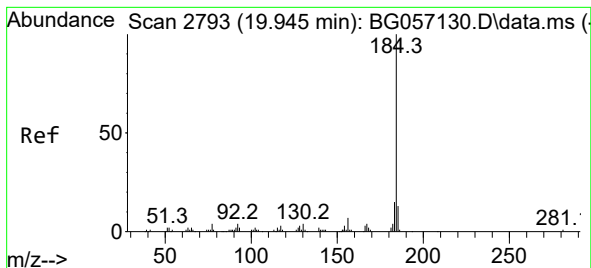
Tgt Ion:202 Resp: 470987
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.6
203 18.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.061 min Scan# 3153
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:240 Resp: 83688
Ion Ratio Lower Upper
240 100
120 5.6 5.2 7.8
236 25.4 20.8 31.2





#77

Benzidine

Concen: 68.711 ng

RT: 19.941 min Scan# 2793

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

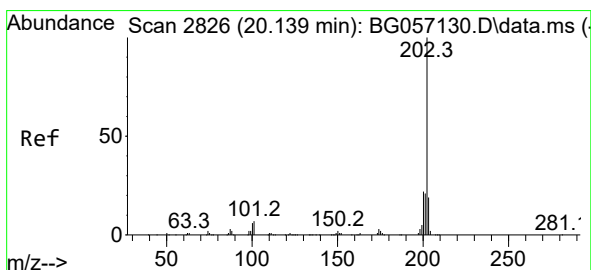
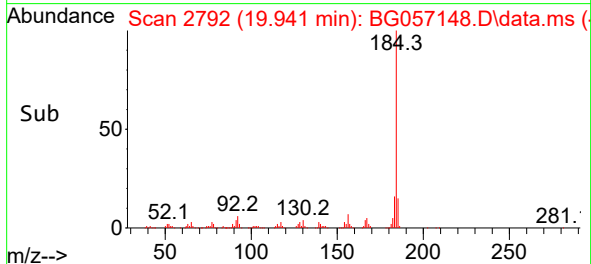
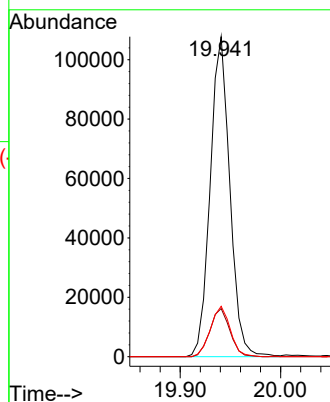
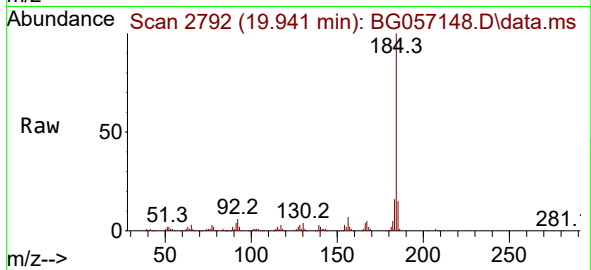
Tgt Ion:184 Resp: 146687

Ion Ratio Lower Upper

184 100

185 15.1 11.0 16.6

183 15.7 12.5 18.7



#78

Pyrene

Concen: 78.763 ng

RT: 20.141 min Scan# 2826

Delta R.T. 0.007 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

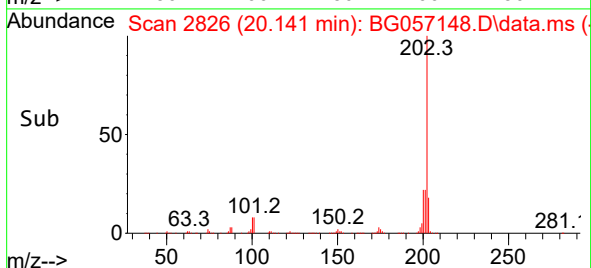
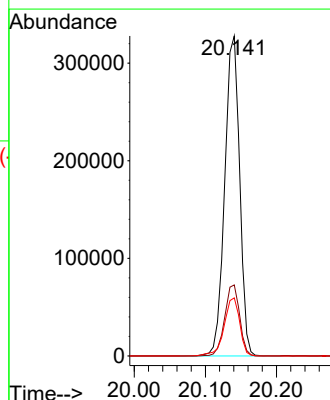
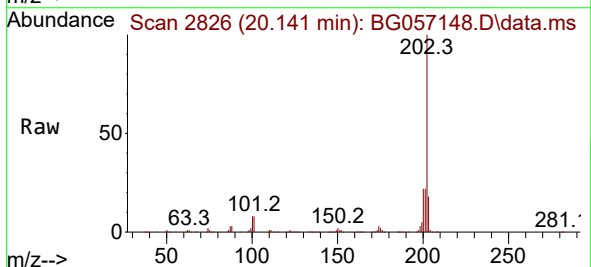
Tgt Ion:202 Resp: 475002

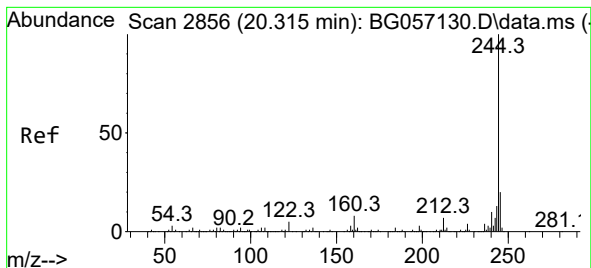
Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.8

203 18.1 15.0 22.6





#79

Terphenyl-d14

Concen: 154.346 ng

RT: 20.317 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

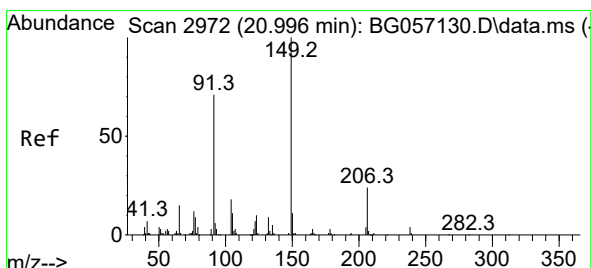
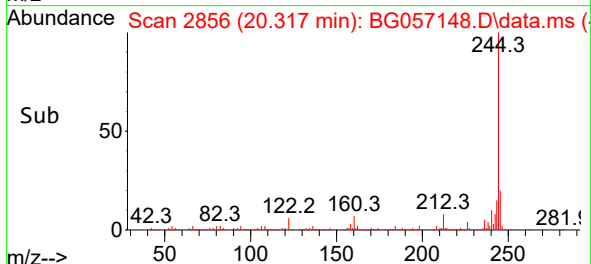
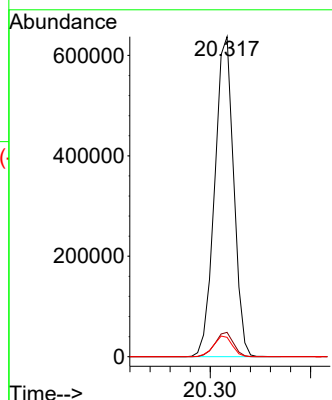
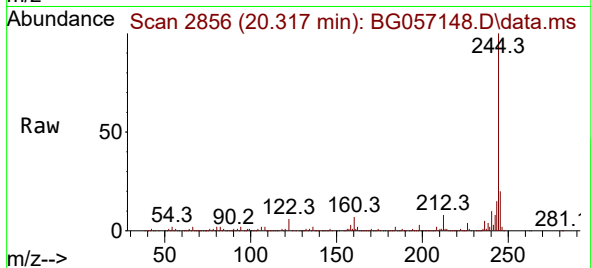
Tgt Ion:244 Resp: 834531

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 6.0 5.0 7.4



#80

Butylbenzylphthalate

Concen: 83.081 ng

RT: 20.992 min Scan# 2971

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

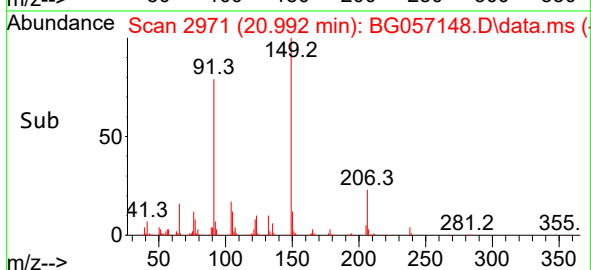
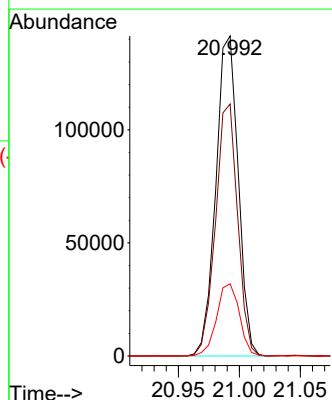
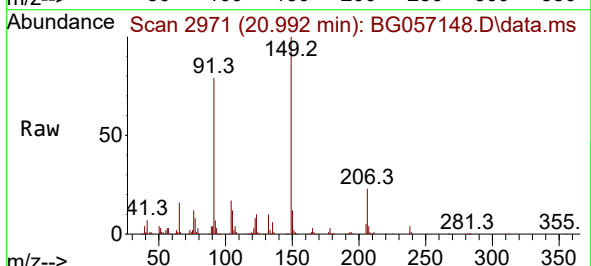
Tgt Ion:149 Resp: 180687

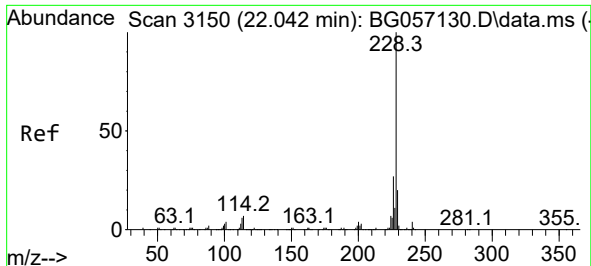
Ion Ratio Lower Upper

149 100

91 78.8 60.7 91.1

206 22.6 17.4 26.2

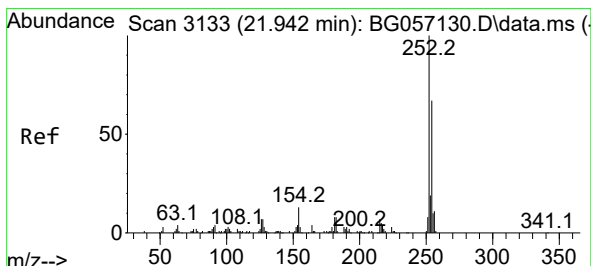
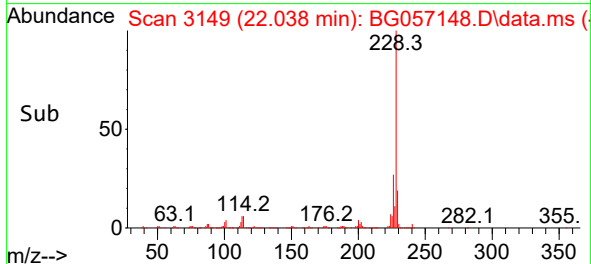
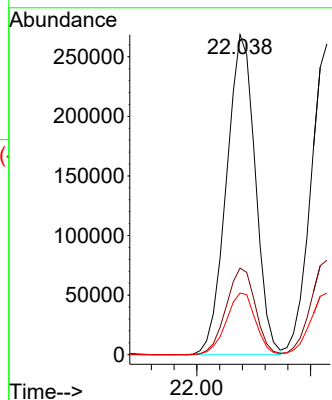
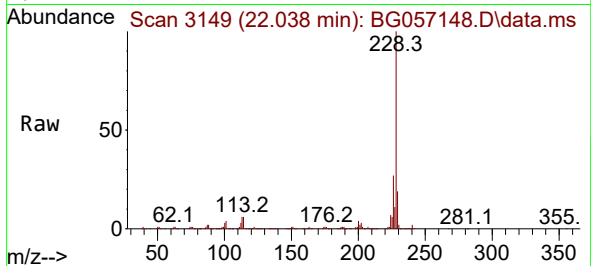




#81
Benzo(a)anthracene
Concen: 79.281 ng
RT: 22.038 min Scan# 3150
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

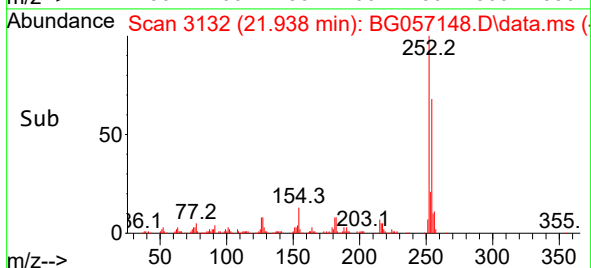
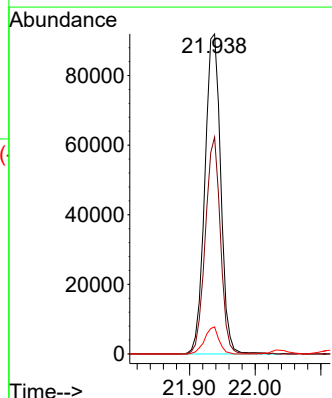
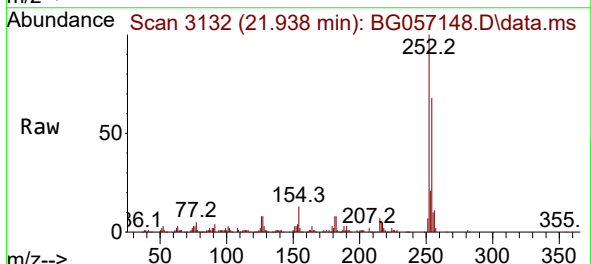
Instrument :
BNA_G
ClientSampleId :
SSTDICC080

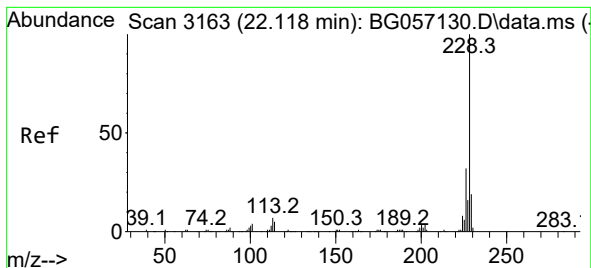
Tgt Ion:228 Resp: 471329
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 75.452 ng
RT: 21.938 min Scan# 3132
Delta R.T. 0.002 min
Lab File: BG057148.D
Acq: 20 Apr 2023 16:17

Tgt Ion:252 Resp: 154669
Ion Ratio Lower Upper
252 100
254 67.8 51.5 77.3
126 8.4 5.2 7.8#





#83

Chrysene

Concen: 77.738 ng

RT: 22.114 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

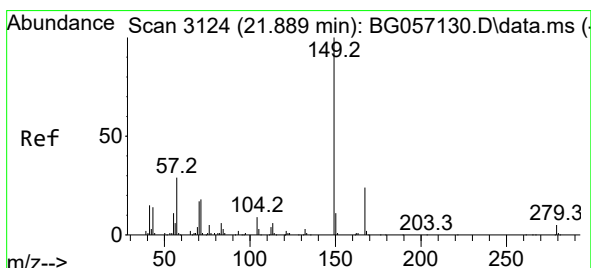
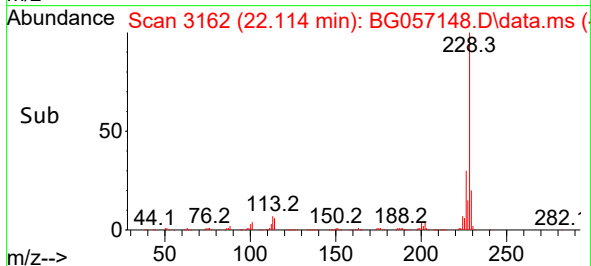
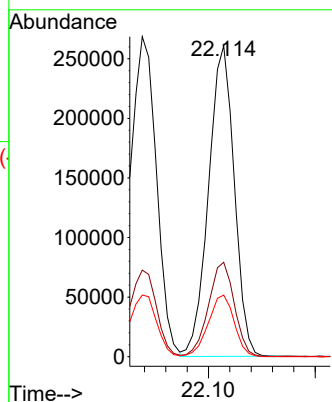
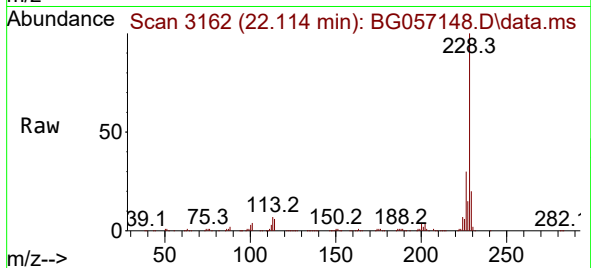
Tgt Ion:228 Resp: 435573

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 19.8 16.2 24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 83.534 ng

RT: 21.885 min Scan# 3123

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

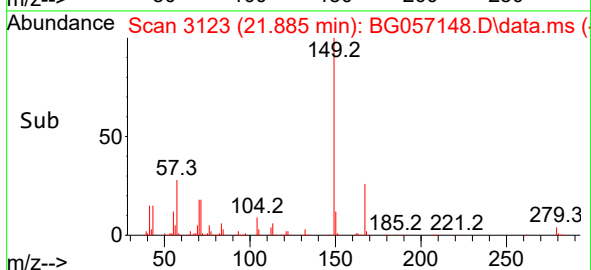
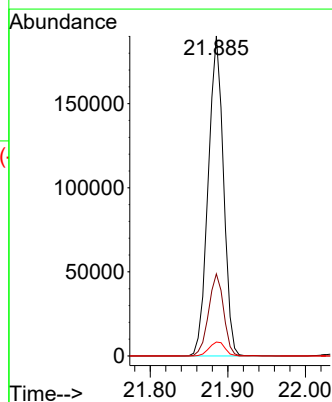
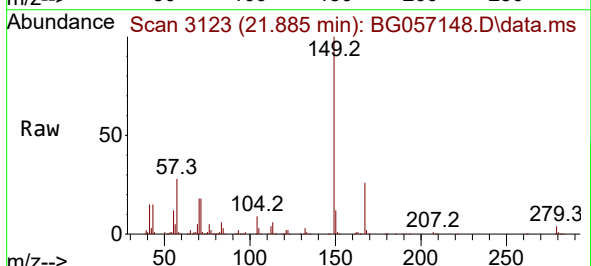
Tgt Ion:149 Resp: 259830

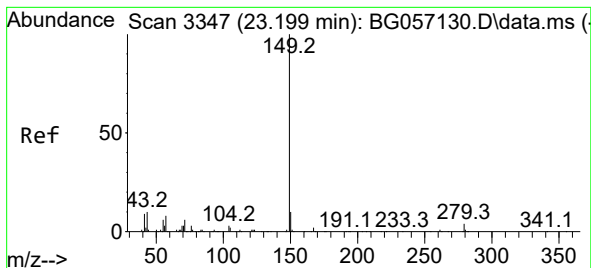
Ion Ratio Lower Upper

149 100

167 25.6 20.6 31.0

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 83.570 ng

RT: 23.189 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

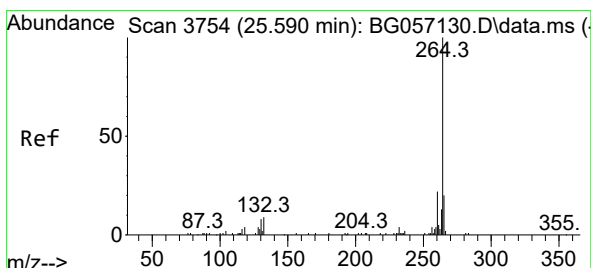
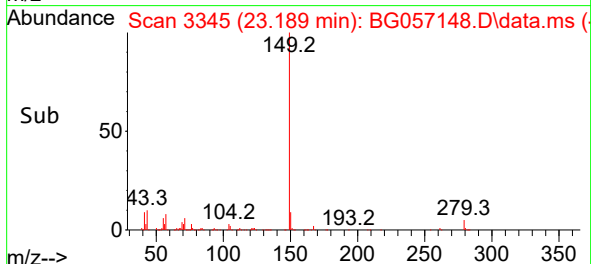
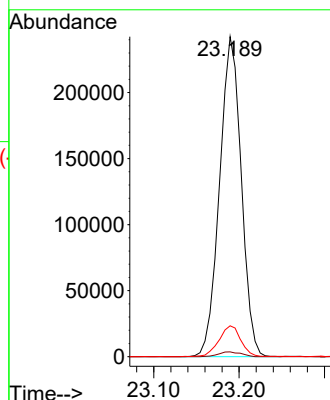
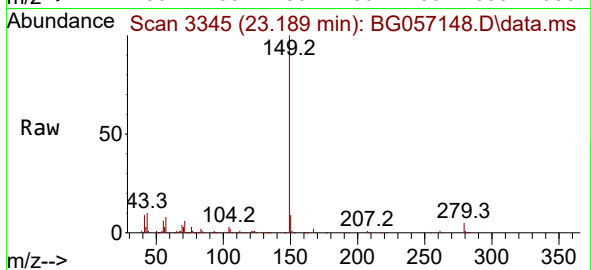
Tgt Ion:149 Resp: 427859

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.8 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.574 min Scan# 3751

Delta R.T. -0.004 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

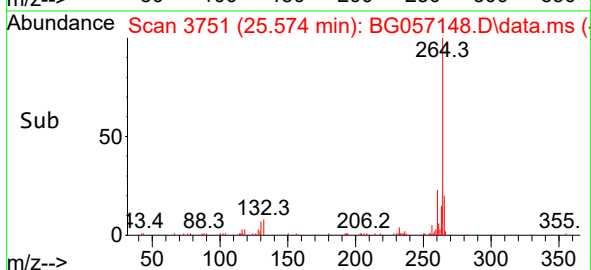
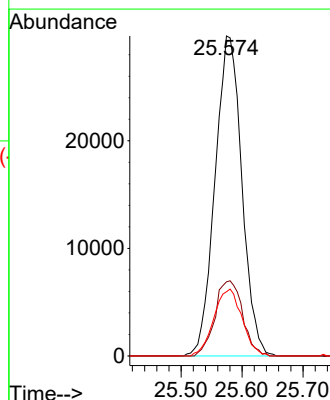
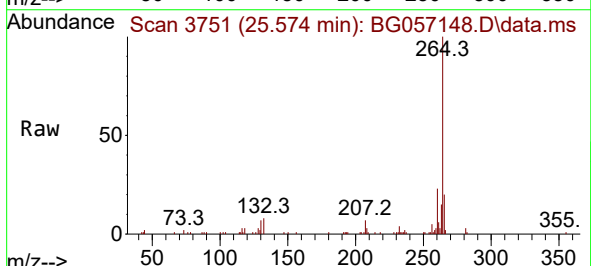
Tgt Ion:264 Resp: 90800

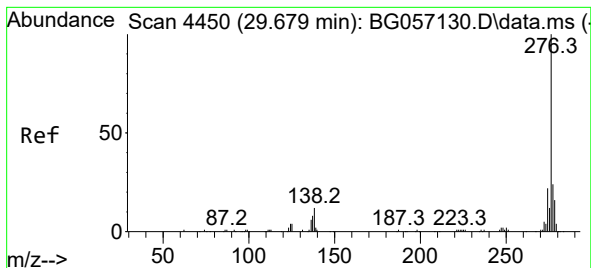
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 20.1 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 81.962 ng

RT: 29.663 min Scan# 44

Delta R.T. 0.007 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

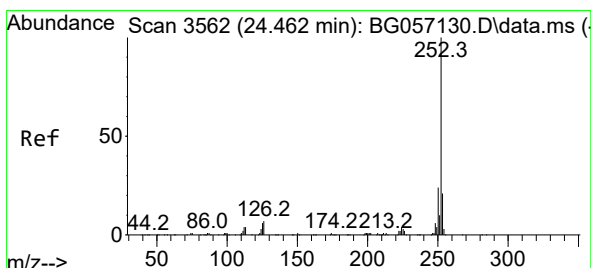
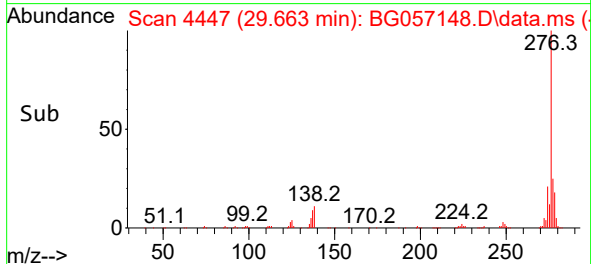
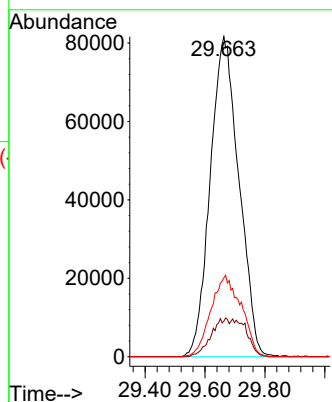
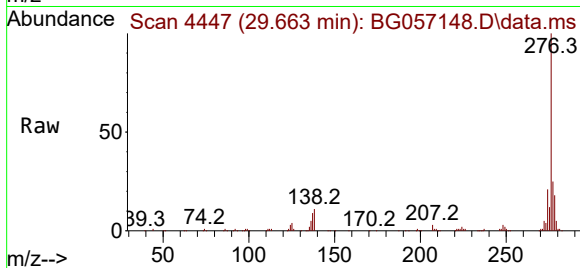
Tgt Ion:276 Resp: 542495

Ion Ratio Lower Upper

276 100

138 5.0 6.1 9.1#

277 26.9 21.4 32.0



#88

Benzo(b)fluoranthene

Concen: 78.928 ng

RT: 24.458 min Scan# 3561

Delta R.T. 0.002 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

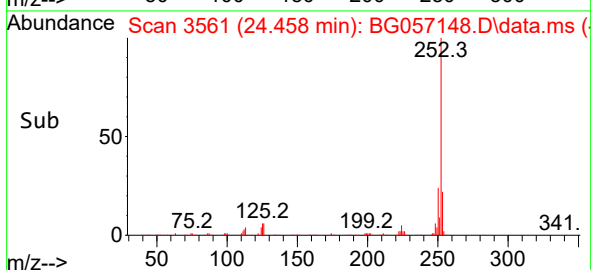
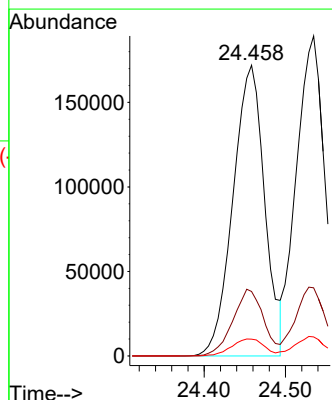
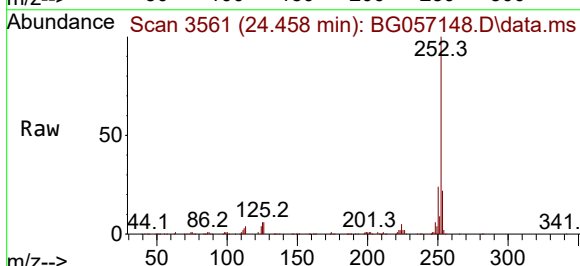
Tgt Ion:252 Resp: 465399

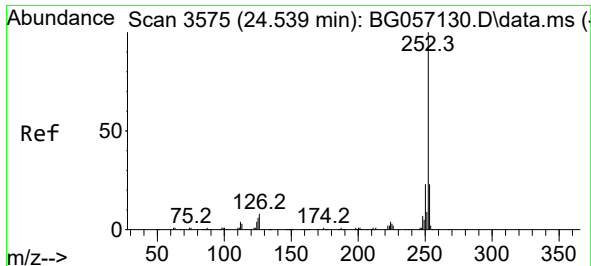
Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

125 5.8 4.8 7.2





#89

Benzo(k)fluoranthene

Concen: 77.147 ng

RT: 24.535 min Scan# 3

Delta R.T. 0.007 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

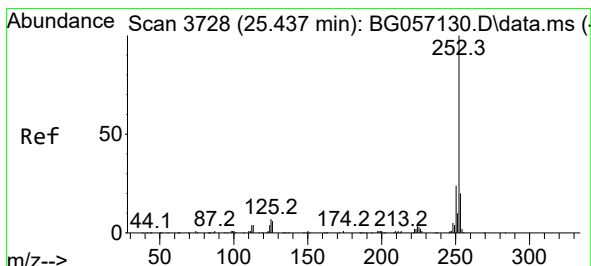
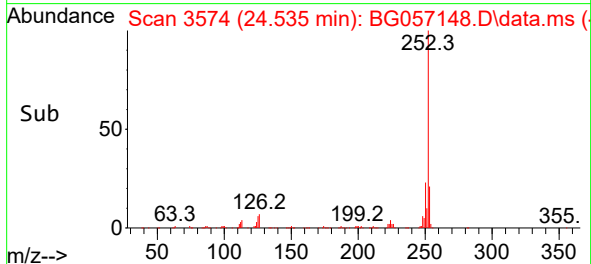
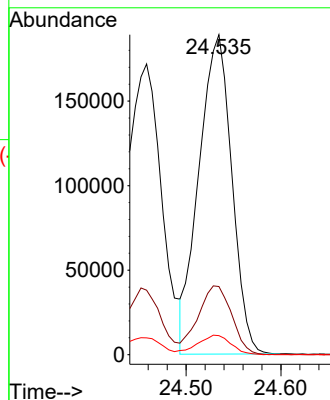
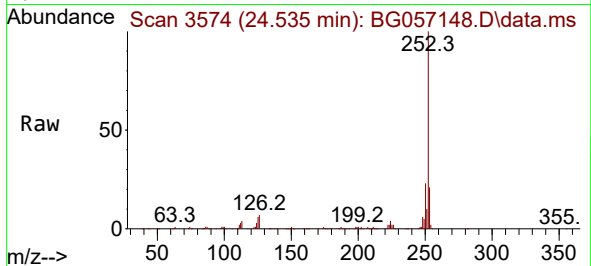
Tgt Ion:252 Resp: 455271

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

125 6.0 4.7 7.1



#90

Benzo(a)pyrene

Concen: 78.312 ng

RT: 25.422 min Scan# 3725

Delta R.T. 0.007 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

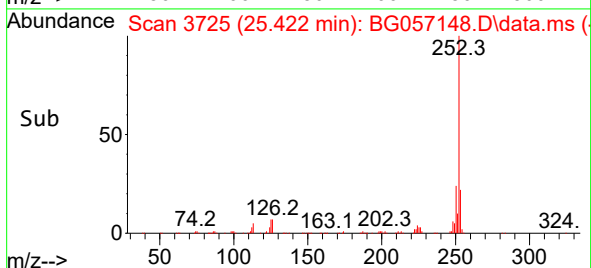
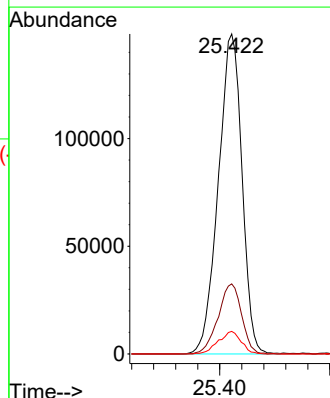
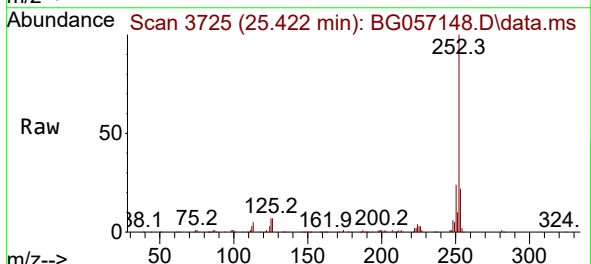
Tgt Ion:252 Resp: 443134

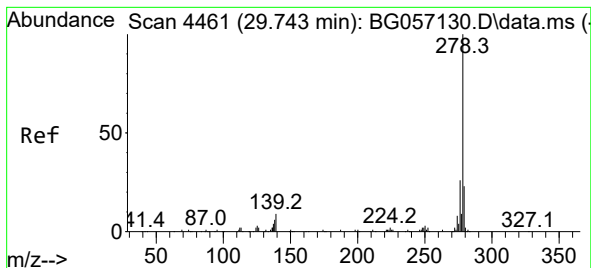
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

125 7.1 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 82.024 ng

RT: 29.722 min Scan# 4461

Delta R.T. 0.007 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

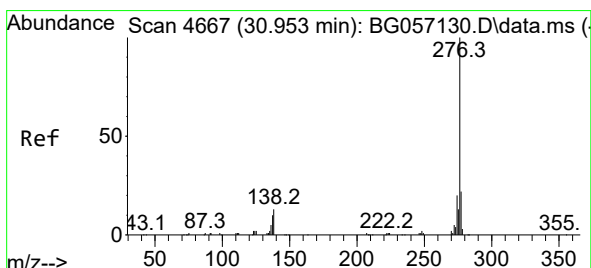
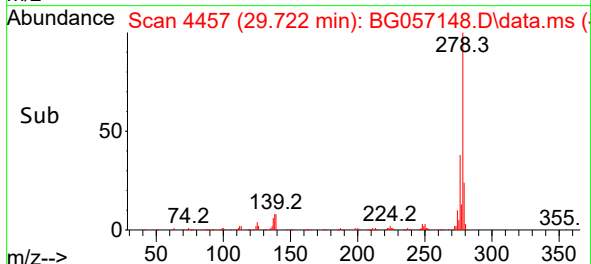
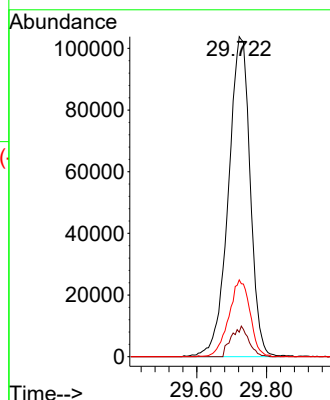
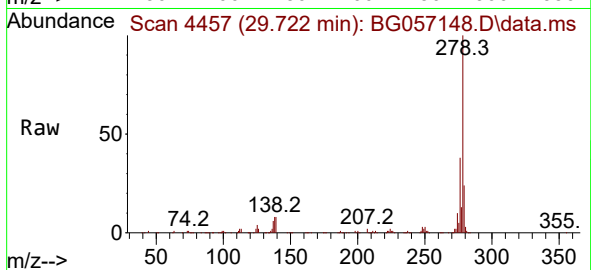
Tgt Ion:278 Resp: 450583

Ion Ratio Lower Upper

278 100

139 7.6 7.7 11.5#

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 81.091 ng

RT: 30.949 min Scan# 4666

Delta R.T. 0.013 min

Lab File: BG057148.D

Acq: 20 Apr 2023 16:17

Tgt Ion:276 Resp: 431212

Ion Ratio Lower Upper

276 100

277 23.1 19.4 29.0

138 11.8 9.8 14.6

