

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
 Data File : BG057010.D
 Acq On : 6 Apr 2023 13:20
 Operator : CG/JU
 Sample : PB151924BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151924BS

Quant Time: Apr 07 01:36:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 01:33:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.411	152	13903	20.000	ng	0.00
21) Naphthalene-d8	11.254	136	58541	20.000	ng	# 0.00
39) Acenaphthene-d10	15.026	164	48108	20.000	ng	0.00
64) Phenanthrene-d10	17.763	188	118067	20.000	ng	0.00
76) Chrysene-d12	22.087	240	97191	20.000	ng	0.00
86) Perylene-d12	25.623	264	101479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.920	112	99739	114.815	ng	0.00
7) Phenol-d6	7.548	99	148226	114.087	ng	0.00
23) Nitrobenzene-d5	9.592	82	93525	65.370	ng	0.00
42) 2,4,6-Tribromophenol	16.506	330	83060	108.075	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	236988	66.799	ng	0.00
79) Terphenyl-d14	20.330	244	417981	72.773	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.717	88	12657	33.237	ng	97
3) Pyridine	4.140	79	32917	26.838	ng	89
4) n-Nitrosodimethylamine	4.046	42	20306	36.009	ng	98
6) Aniline	7.718	93	58118	34.991	ng	99
8) 2-Chlorophenol	7.971	128	43102	49.814	ng	96
9) Benzaldehyde	7.530	77	30041	36.864	ng	93
10) Phenol	7.571	94	61742	47.959	ng	98
11) bis(2-Chloroethyl)ether	7.812	93	37328	40.705	ng	97
12) 1,3-Dichlorobenzene	8.300	146	43356	45.348	ng	93
13) 1,4-Dichlorobenzene	8.446	146	43594	45.178	ng	96
14) 1,2-Dichlorobenzene	8.769	146	41938	44.986	ng	95
15) Benzyl Alcohol	8.640	79	48935	45.329	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.934	45	44484	40.251	ng	95
17) 2-Methylphenol	8.840	107	42125	45.865	ng	87
18) Hexachloroethane	9.510	117	15696	44.504	ng	92
19) n-Nitroso-di-n-propyla...	9.210	70	38212	41.119	ng	# 98
20) 3+4-Methylphenols	9.169	107	58270	45.370	ng	95
22) Acetophenone	9.239	105	71099	40.816	ng	# 96
24) Nitrobenzene	9.633	77	59524	40.694	ng	99
25) Isophorone	10.156	82	105463	38.710	ng	99
26) 2-Nitrophenol	10.350	139	25171	44.582	ng	94
27) 2,4-Dimethylphenol	10.391	122	45318	45.461	ng	95
28) bis(2-Chloroethoxy)met...	10.626	93	53851	39.481	ng	96
29) 2,4-Dichlorophenol	10.884	162	49153	45.849	ng	97
30) 1,2,4-Trichlorobenzene	11.107	180	49139	43.138	ng	97
31) Naphthalene	11.301	128	130889	41.020	ng	99
32) Benzoic acid	10.532	122	27061	39.519	ng	86
33) 4-Chloroaniline	11.401	127	42717	29.641	ng	97
34) Hexachlorobutadiene	11.577	225	35184	41.119	ng	94
35) Caprolactam	12.171	113	9644	26.085	ng	94
36) 4-Chloro-3-methylphenol	12.488	107	53153	44.334	ng	98
37) 2-Methylnaphthalene	12.876	142	101266	39.987	ng	100
38) 1-Methylnaphthalene	13.093	142	95699	40.243	ng	95
40) 1,2,4,5-Tetrachloroben...	13.240	216	68342	40.966	ng	99
41) Hexachlorocyclopentadiene	13.216	237	98809	107.499	ng	95
43) 2,4,6-Trichlorophenol	13.469	196	45366	42.614	ng	96

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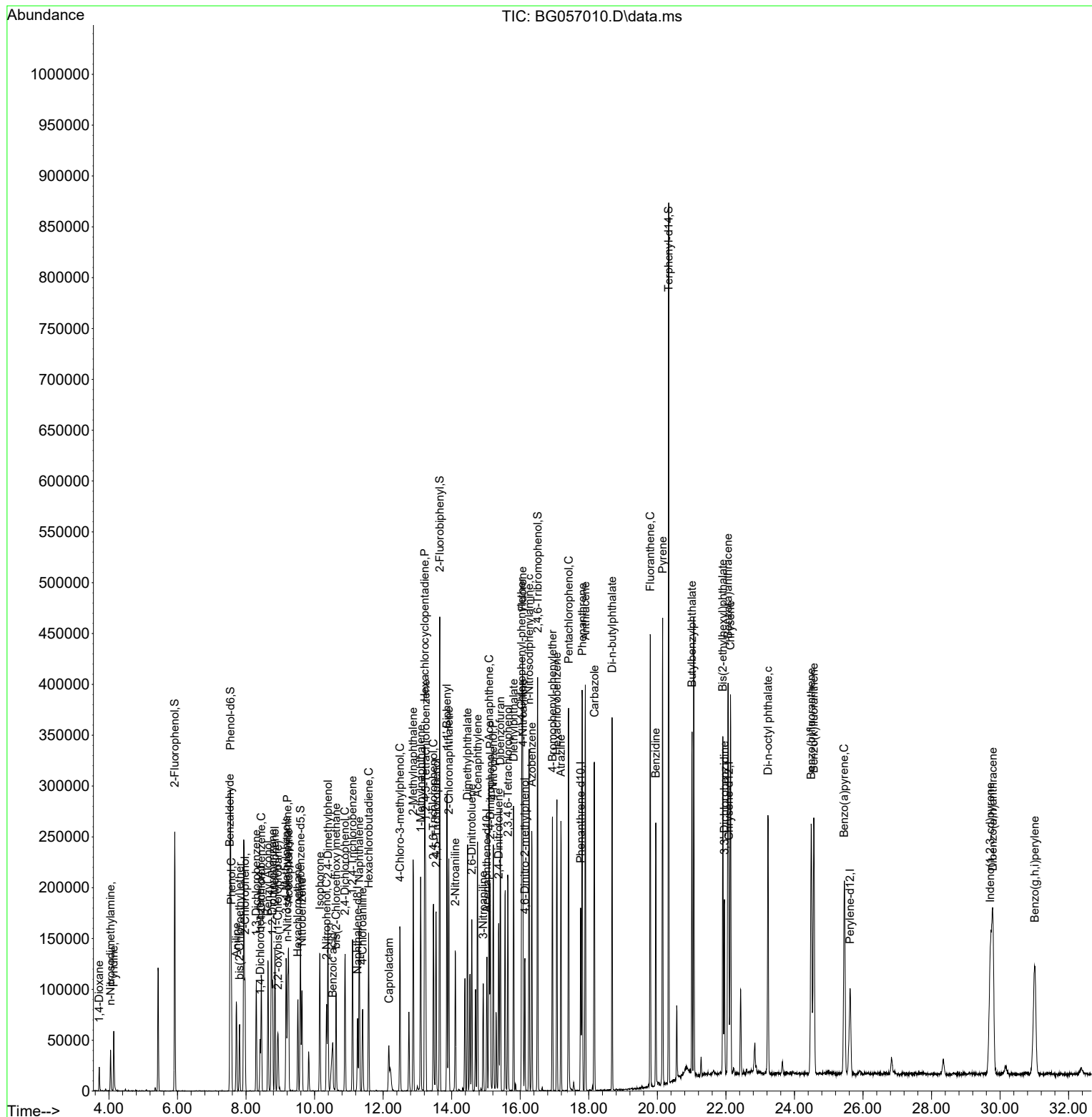
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.545	196	50037	39.676	ng	100
46) 1,1'-Biphenyl	13.863	154	149641	42.492	ng	96
47) 2-Chloronaphthalene	13.915	162	112965	43.371	ng	96
48) 2-Nitroaniline	14.103	65	37745	40.528	ng	98
49) Acenaphthylene	14.755	152	181157	42.332	ng	99
50) Dimethylphthalate	14.462	163	154397	40.732	ng	# 97
51) 2,6-Dinitrotoluene	14.585	165	34301	41.882	ng	95
52) Acenaphthene	15.090	154	112743	38.200	ng	93
53) 3-Nitroaniline	14.920	138	23939	29.531	ng	91
54) 2,4-Dinitrophenol	15.126	184	44930	97.466	ng	89
55) Dibenzofuran	15.419	168	184502	41.651	ng	98
56) 4-Nitrophenol	15.214	139	53840	89.816	ng	94
57) 2,4-Dinitrotoluene	15.372	165	47824	41.403	ng	# 93
58) Fluorene	16.065	166	150276	40.997	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.642	232	48891	42.578	ng	99
60) Diethylphthalate	15.807	149	154356	40.620	ng	99
61) 4-Chlorophenyl-phenyle...	16.042	204	90083	41.857	ng	99
62) 4-Nitroaniline	16.077	138	33165	39.487	ng	93
63) Azobenzene	16.336	77	151977	40.131	ng	99
65) 4,6-Dinitro-2-methylph...	16.136	198	32391	45.298	ng	93
66) n-Nitrosodiphenylamine	16.259	169	130954	41.318	ng	99
67) 4-Bromophenyl-phenylether	16.941	248	59728	40.885	ng	95
68) Hexachlorobenzene	17.070	284	64995	45.001	ng	98
69) Atrazine	17.187	200	58063	44.133	ng	97
70) Pentachlorophenol	17.411	266	76704	74.027	ng	98
71) Phenanthrene	17.810	178	248326	41.253	ng	99
72) Anthracene	17.898	178	252611	40.936	ng	99
73) Carbazole	18.163	167	222021	41.266	ng	94
74) Di-n-butylphthalate	18.680	149	252124	40.468	ng	98
75) Fluoranthene	19.796	202	291187	38.160	ng	98
77) Benzidine	19.954	184	146614	55.190	ng	99
78) Pyrene	20.154	202	288514	42.919	ng	97
80) Butylbenzylphthalate	21.012	149	99852	43.165	ng	93
81) Benzo(a)anthracene	22.063	228	273084	40.604	ng	98
82) 3,3'-Dichlorobenzidine	21.957	252	67650	29.787	ng	97
83) Chrysene	22.134	228	254150	40.359	ng	98
84) Bis(2-ethylhexyl)phtha...	21.910	149	139263	41.575	ng	98
85) Di-n-octyl phthalate	23.232	149	232614	41.209	ng	99
87) Indeno(1,2,3-cd)pyrene	29.712	276	320270	42.704	ng	# 55
88) Benzo(b)fluoranthene	24.489	252	277846	43.784	ng	99
89) Benzo(k)fluoranthene	24.566	252	278289	43.928	ng	99
90) Benzo(a)pyrene	25.453	252	245758	39.411	ng	# 99
91) Dibenzo(a,h)anthracene	29.788	278	274094	44.462	ng	95
92) Benzo(g,h,i)perylene	31.010	276	255378	42.306	ng	97

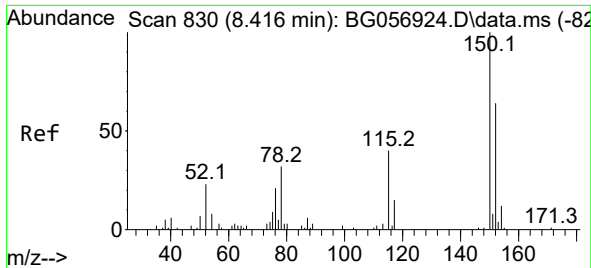
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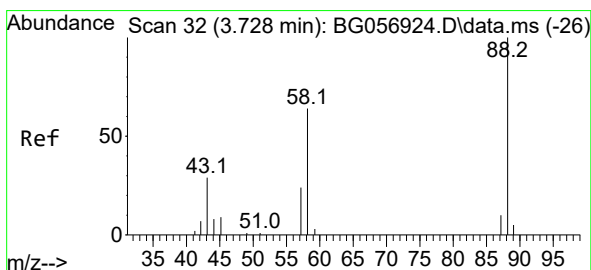
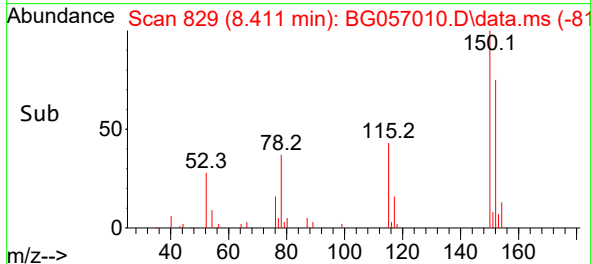
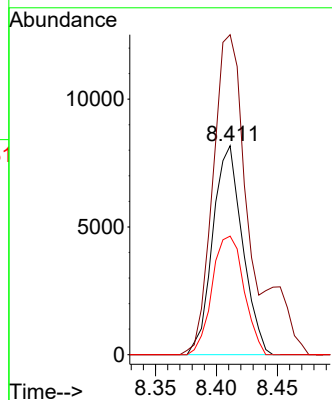
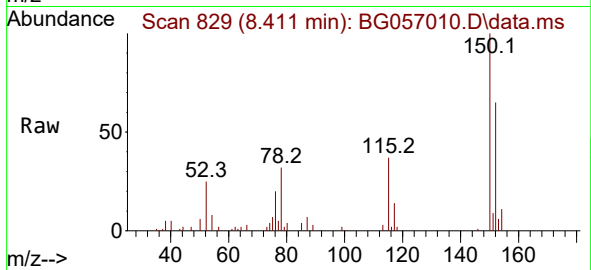




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.411 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

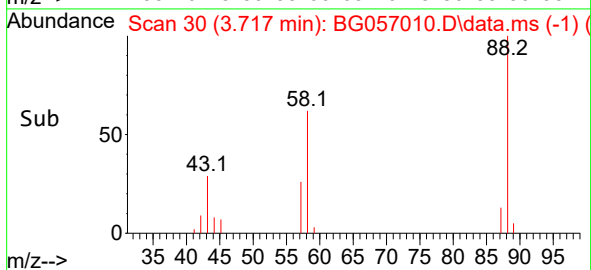
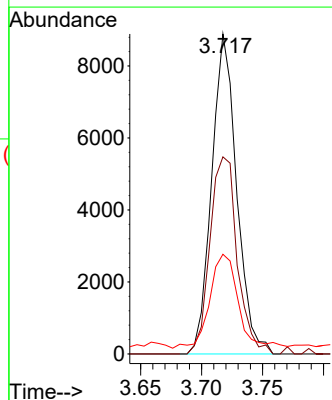
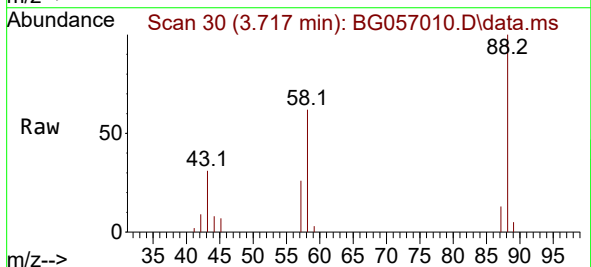
Instrument :
BNA_G
ClientSampleId :
PB151924BS

Tgt Ion:152 Resp: 13903
Ion Ratio Lower Upper
152 100
150 153.1 124.1 186.1
115 56.7 49.1 73.7



#2
1,4-Dioxane
Concen: 33.237 ng
RT: 3.717 min Scan# 30
Delta R.T. -0.008 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion: 88 Resp: 12657
Ion Ratio Lower Upper
88 100
58 67.2 55.9 83.9
43 33.5 25.7 38.5

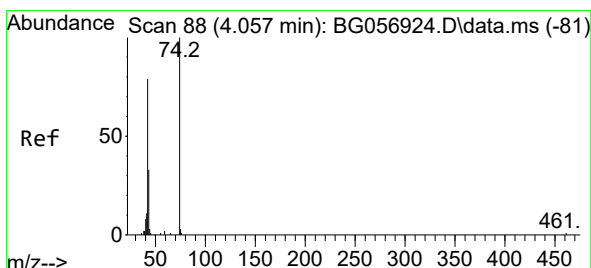
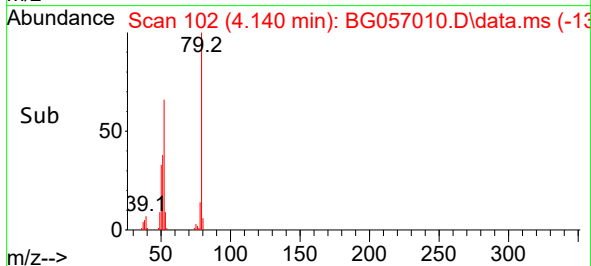
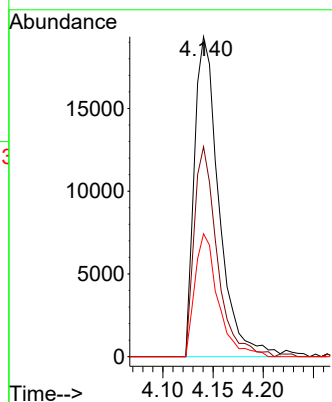
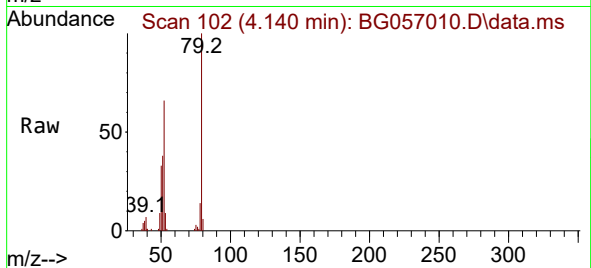




#3
 Pyridine
 Concen: 26.838 ng
 RT: 4.140 min Scan# 104
 Delta R.T. -0.008 min
 Lab File: BG057010.D
 Acq: 6 Apr 2023 13:20

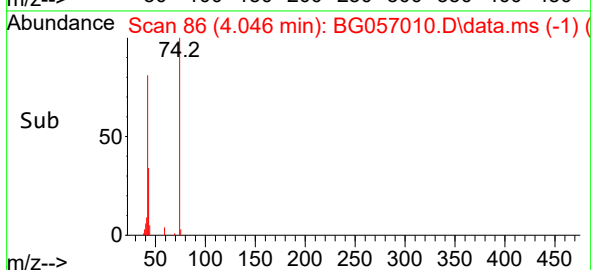
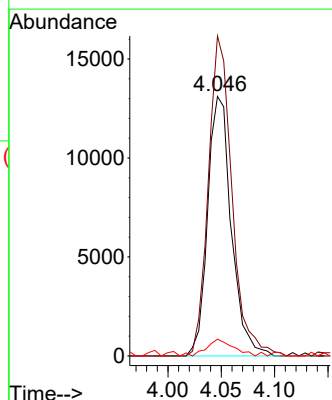
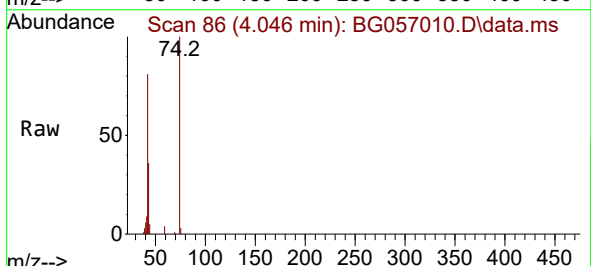
Instrument :
 BNA_G
 ClientSampleId :
 PB151924BS

Tgt Ion: 79 Resp: 32917
 Ion Ratio Lower Upper
 79 100
 52 65.6 46.1 69.1
 51 38.4 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 36.009 ng
 RT: 4.046 min Scan# 86
 Delta R.T. -0.008 min
 Lab File: BG057010.D
 Acq: 6 Apr 2023 13:20

Tgt Ion: 42 Resp: 20306
 Ion Ratio Lower Upper
 42 100
 74 123.3 100.6 151.0
 44 6.5 4.6 7.0

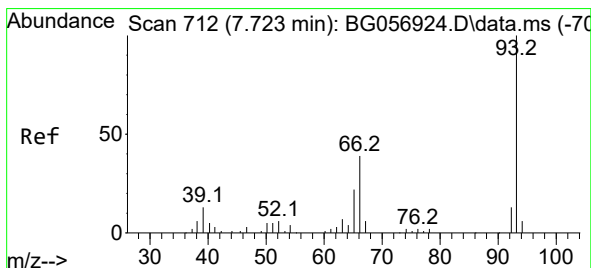
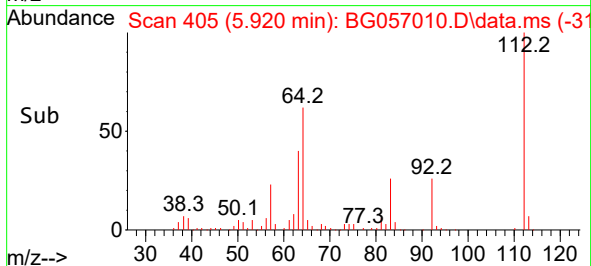
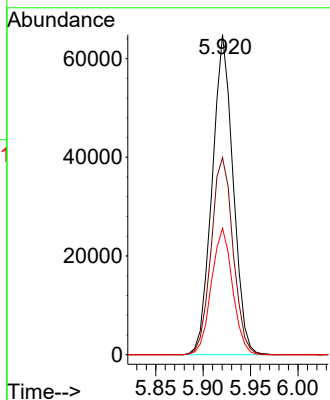
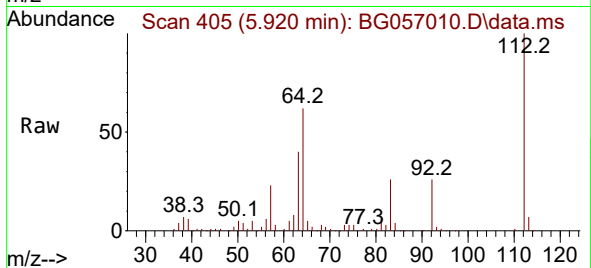




#5
2-Fluorophenol
Concen: 114.815 ng
RT: 5.920 min Scan# 405
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

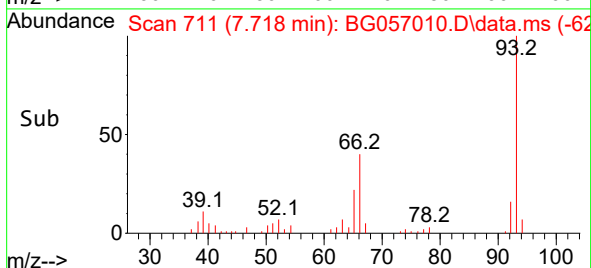
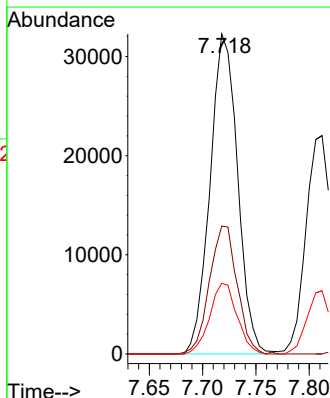
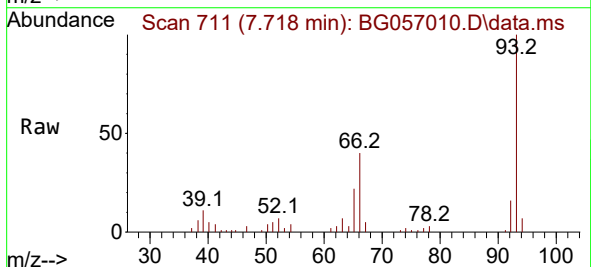
Instrument :
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ClientSampleId :
PB151924BS

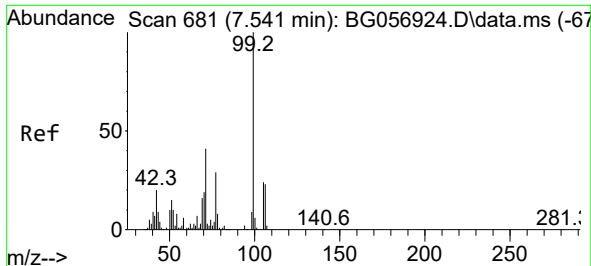
Tgt Ion:112 Resp: 99739
Ion Ratio Lower Upper
112 100
64 61.6 53.2 79.8
63 39.6 32.6 48.8



#6
Aniline
Concen: 34.991 ng
RT: 7.718 min Scan# 711
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion: 93 Resp: 58118
Ion Ratio Lower Upper
93 100
66 40.0 31.4 47.0
65 22.1 17.3 25.9

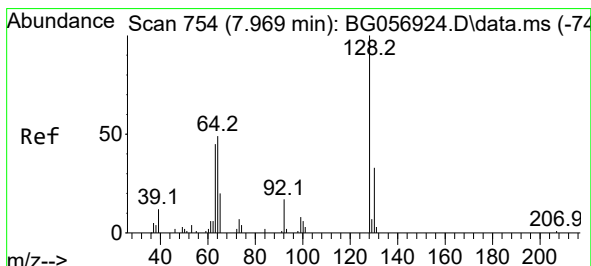
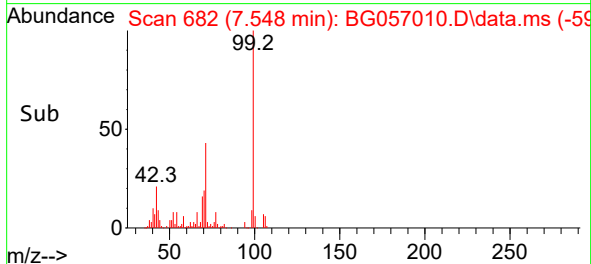
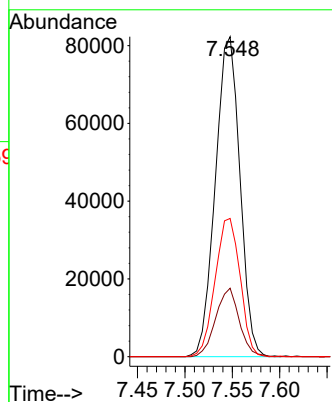
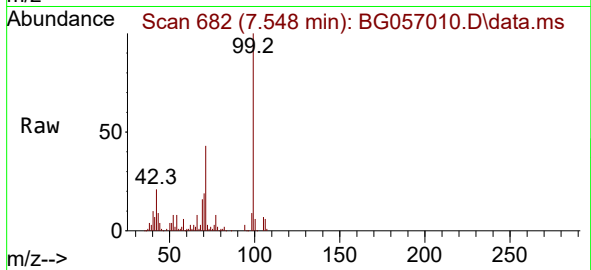




#7
Phenol-d6
Concen: 114.087 ng
RT: 7.548 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

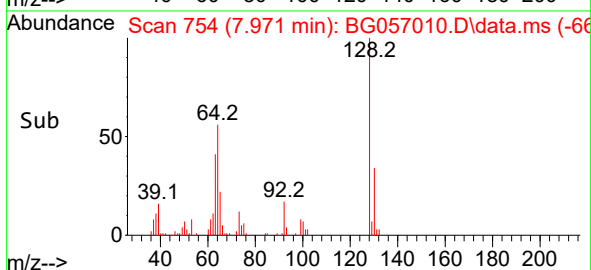
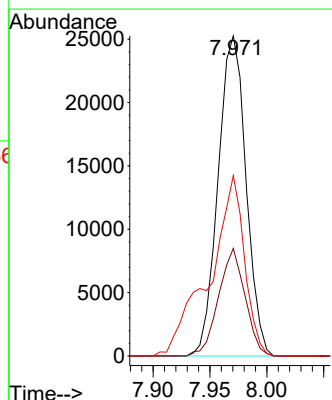
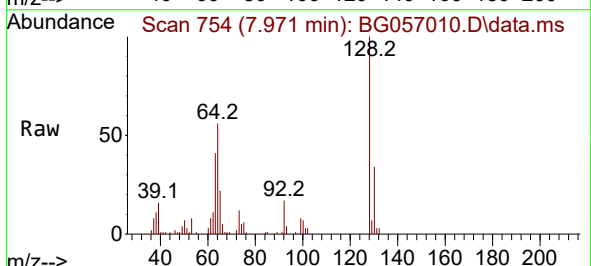
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Tgt Ion: 99 Resp: 148226
Ion Ratio Lower Upper
99 100
42 21.4 15.7 23.5
71 43.2 32.5 48.7



#8
2-Chlorophenol
Concen: 49.814 ng
RT: 7.971 min Scan# 754
Delta R.T. -0.002 min
Lab File: BG057010.D
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Tgt Ion: 128 Resp: 43102
Ion Ratio Lower Upper
128 100
130 33.6 12.6 52.6
64 56.3 40.6 80.6

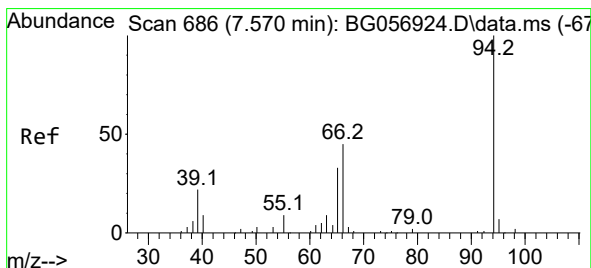
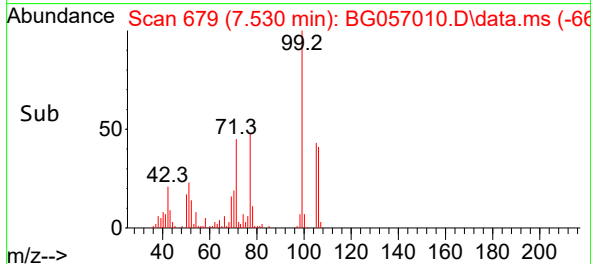
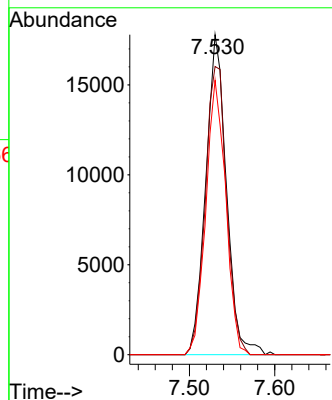
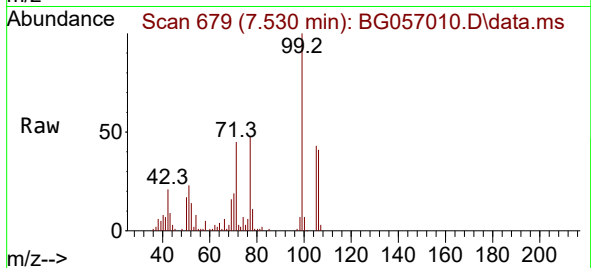




#9
Benzaldehyde
Concen: 36.864 ng
RT: 7.530 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057010.D
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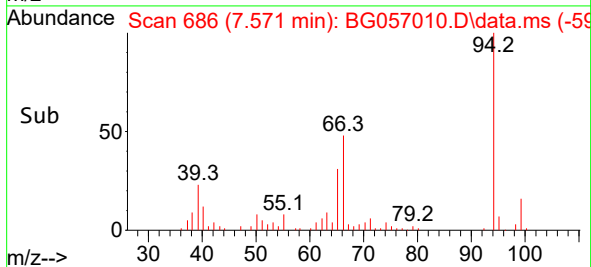
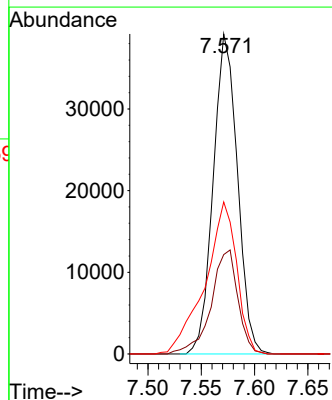
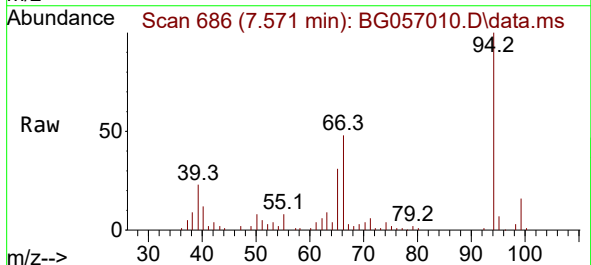
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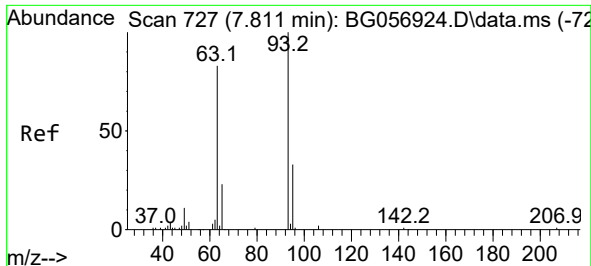
Tgt Ion: 77 Resp: 30041
Ion Ratio Lower Upper
77 100
105 90.0 73.6 113.6
106 85.7 56.7 96.7



#10
Phenol
Concen: 47.959 ng
RT: 7.571 min Scan# 686
Delta R.T. -0.002 min
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Tgt Ion: 94 Resp: 61742
Ion Ratio Lower Upper
94 100
65 31.1 13.3 53.3
66 47.5 26.7 66.7

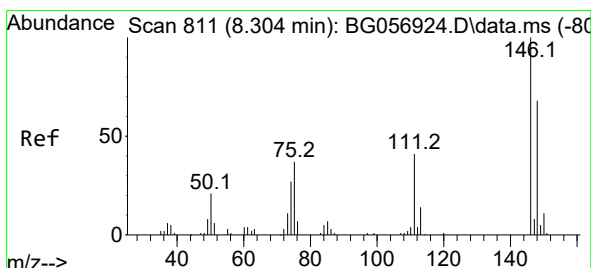
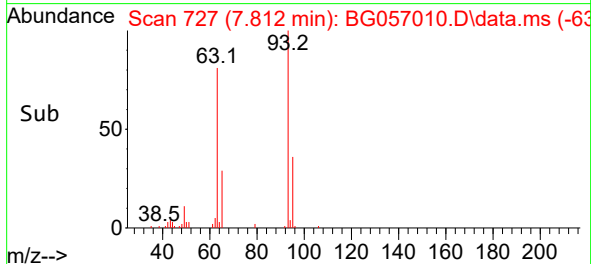
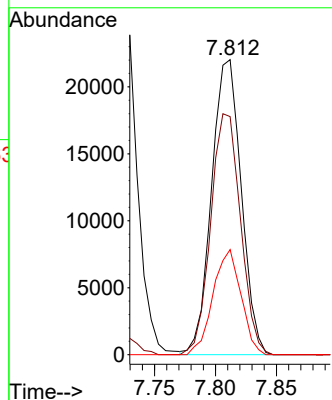
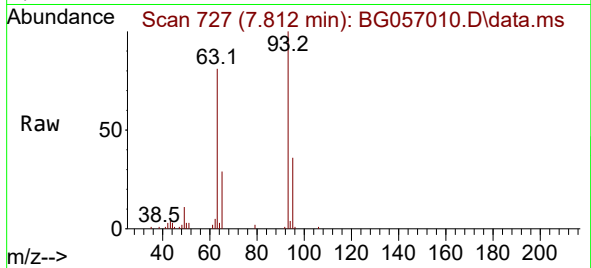




#11
bis(2-Chloroethyl)ether
Concen: 40.705 ng
RT: 7.812 min Scan# 71
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

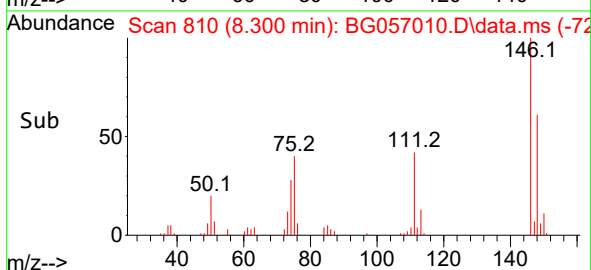
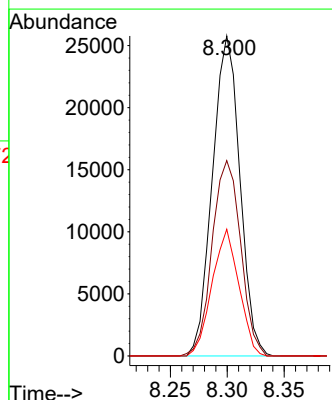
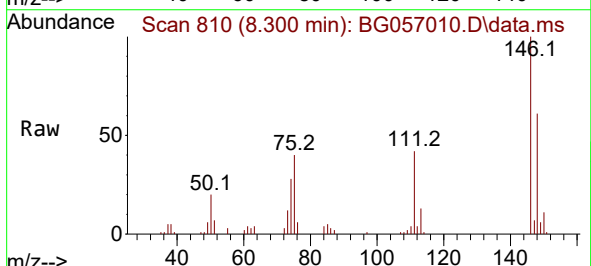
Instrument :
BNA_G
ClientSampleId :
PB151924BS

Tgt Ion: 93 Resp: 37328
Ion Ratio Lower Upper
93 100
63 80.7 62.7 102.7
95 35.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.348 ng
RT: 8.300 min Scan# 810
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion: 146 Resp: 43356
Ion Ratio Lower Upper
146 100
148 61.1 54.2 81.4
75 39.6 29.8 44.8

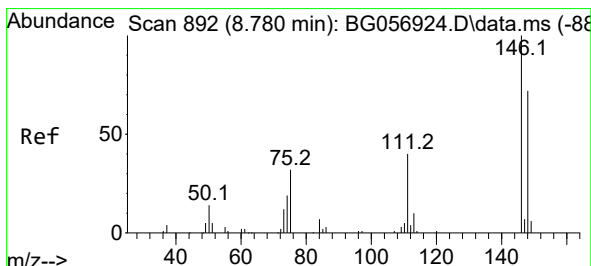
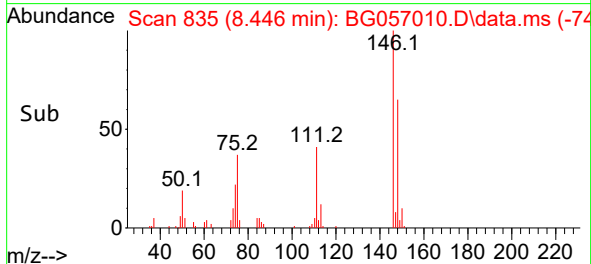
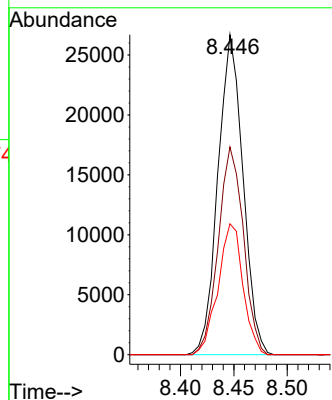
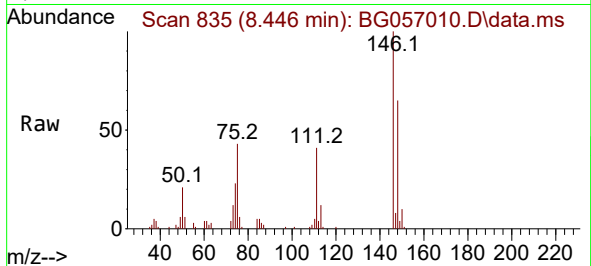




#13
1,4-Dichlorobenzene
Concen: 45.178 ng
RT: 8.446 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

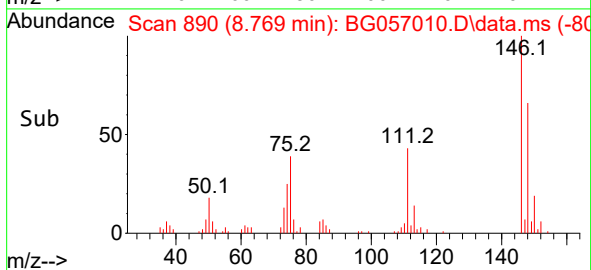
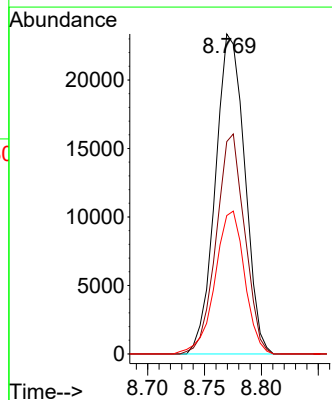
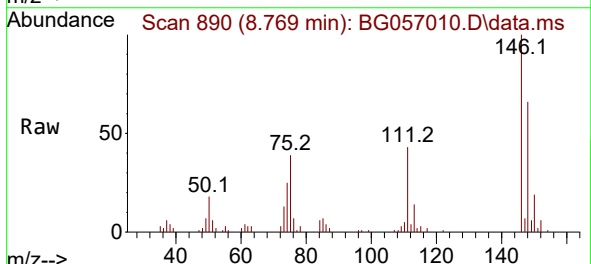
Instrument :
BNA_G
ClientSampleId :
PB151924BS

Tgt Ion:146 Resp: 43594
Ion Ratio Lower Upper
146 100
148 64.9 54.8 82.2
111 40.9 34.6 52.0



#14
1,2-Dichlorobenzene
Concen: 44.986 ng
RT: 8.769 min Scan# 890
Delta R.T. -0.008 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:146 Resp: 41938
Ion Ratio Lower Upper
146 100
148 66.4 57.4 86.0
111 43.3 33.2 49.8

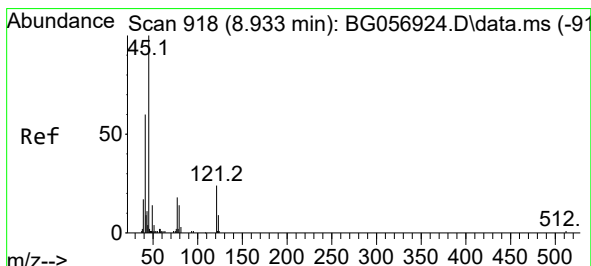
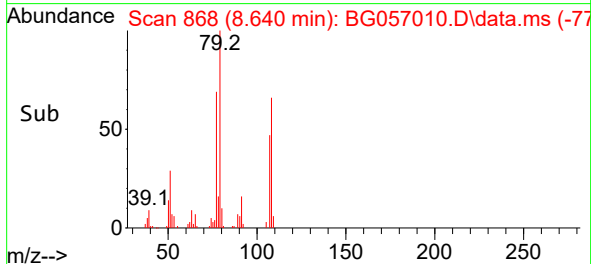
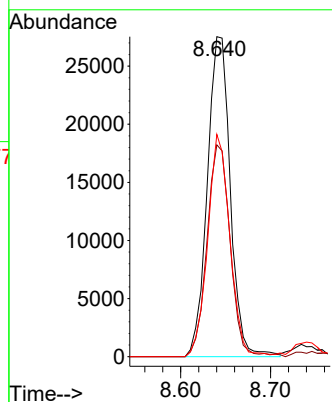
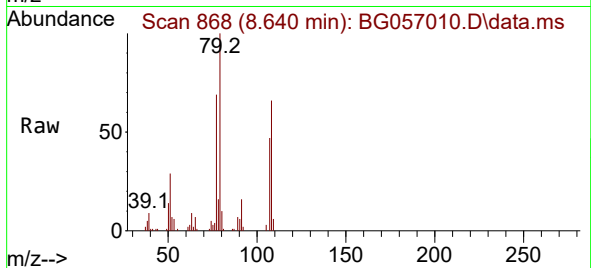




#15
Benzyl Alcohol
Concen: 45.329 ng
RT: 8.640 min Scan# 869
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

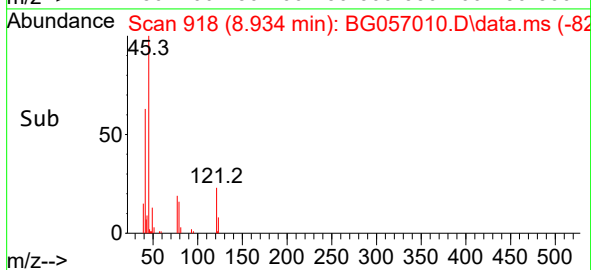
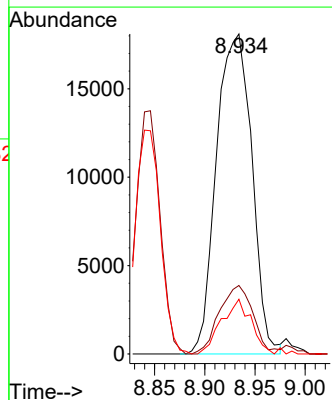
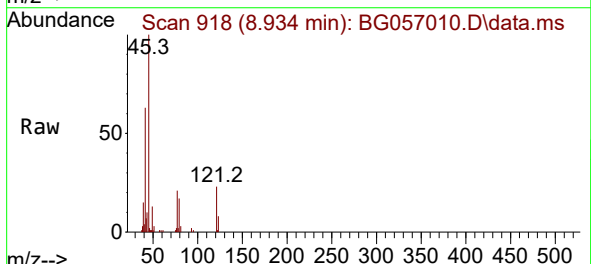
Instrument :
BNA_G
ClientSampleId :
PB151924BS

Tgt Ion: 79 Resp: 48935
Ion Ratio Lower Upper
79 100
108 66.2 51.2 76.8
77 69.4 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.251 ng
RT: 8.934 min Scan# 918
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion: 45 Resp: 44484
Ion Ratio Lower Upper
45 100
77 21.4 0.0 38.7
79 17.1 0.0 35.1

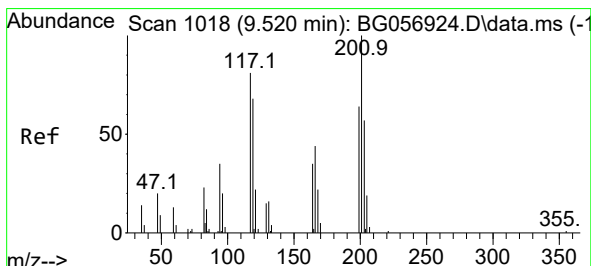
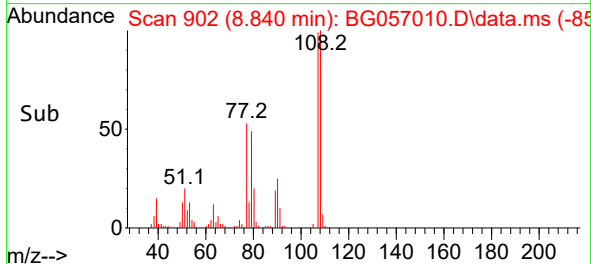
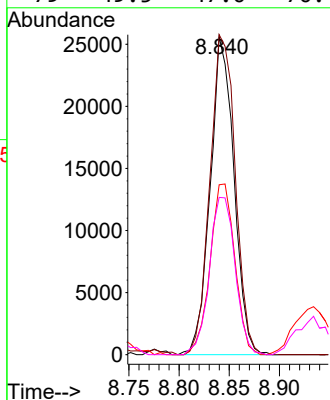
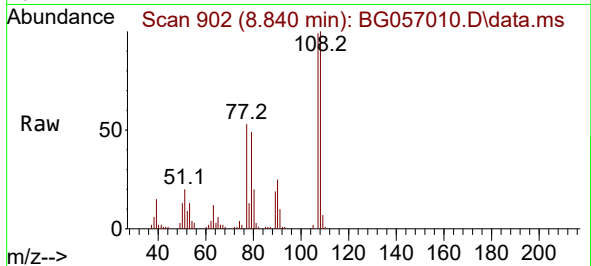




#17
2-Methylphenol
Concen: 45.865 ng
RT: 8.840 min Scan# 903
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

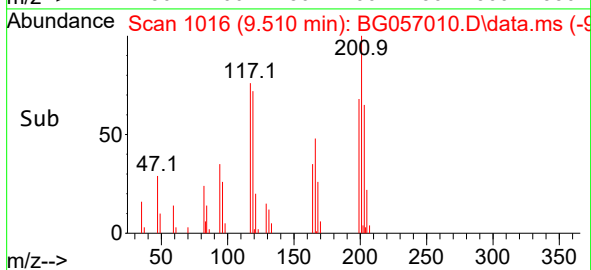
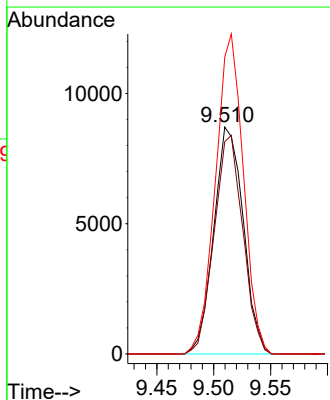
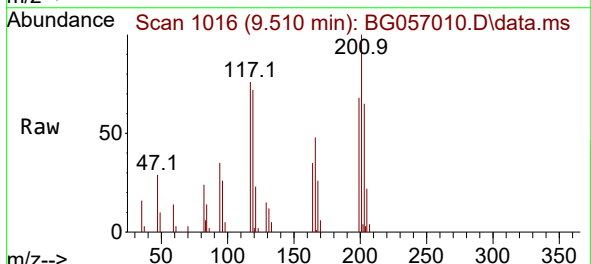
Instrument :
BNA_G
ClientSampleId :
PB151924BS

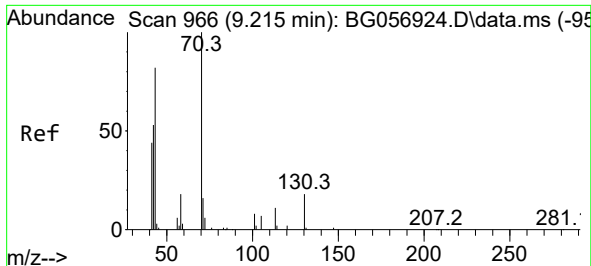
Tgt Ion:	107	Resp:	42125
Ion	Ratio	Lower	Upper
107	100		
108	100.7	96.0	144.0
77	53.5	45.6	68.4
79	49.5	47.0	70.4



#18
Hexachloroethane
Concen: 44.504 ng
RT: 9.510 min Scan# 1016
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:	117	Resp:	15696
Ion	Ratio	Lower	Upper
117	100		
119	93.5	67.0	100.6
201	130.8	98.7	148.1

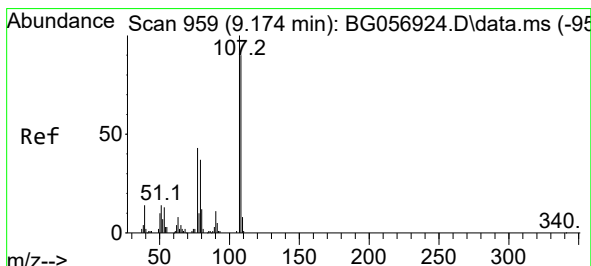
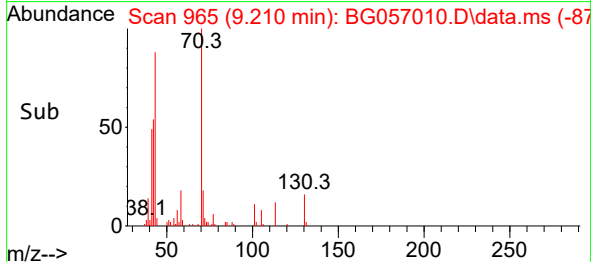
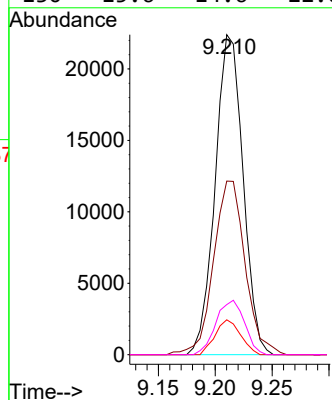
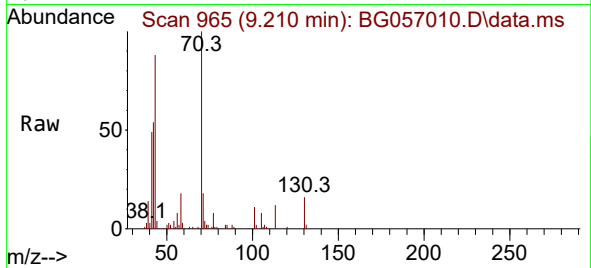




#19
n-Nitroso-di-n-propylamine
Concen: 41.119 ng
RT: 9.210 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

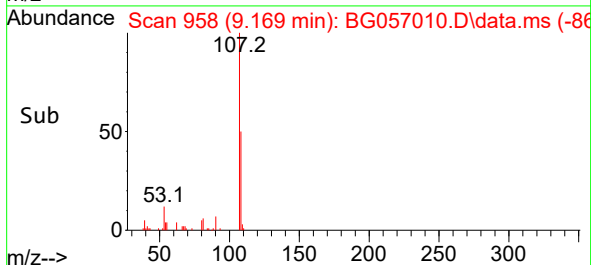
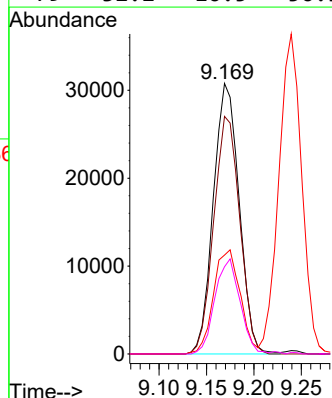
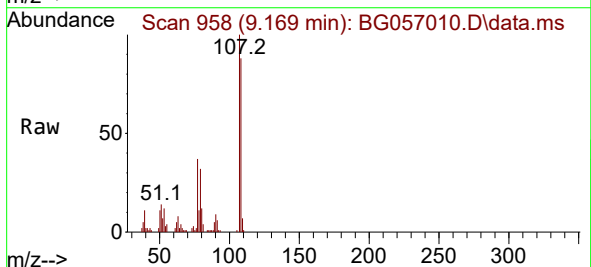
Instrument :
BNA_G
ClientSampleId :
PB151924BS

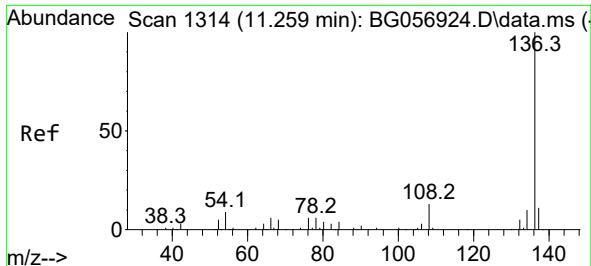
Tgt Ion: 70 Resp: 38212
Ion Ratio Lower Upper
70 100
42 54.2 43.4 65.0
101 10.9 6.2 9.2#
130 15.6 14.6 22.0



#20
3+4-Methylphenols
Concen: 45.370 ng
RT: 9.169 min Scan# 958
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:107 Resp: 58270
Ion Ratio Lower Upper
107 100
108 87.9 69.9 109.9
77 36.6 22.7 62.7
79 32.2 16.5 56.5

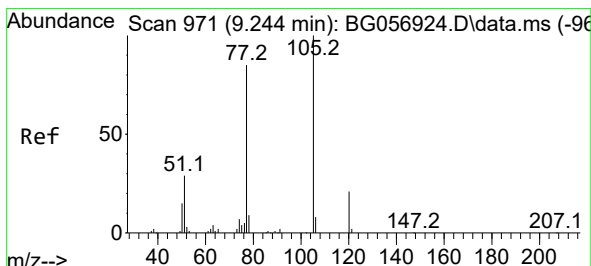
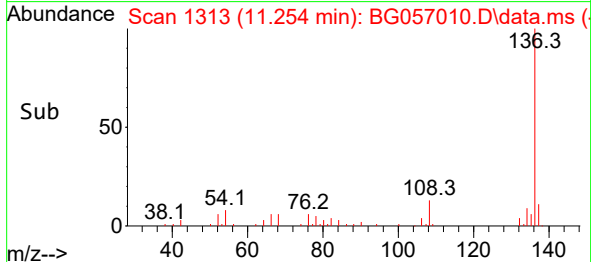
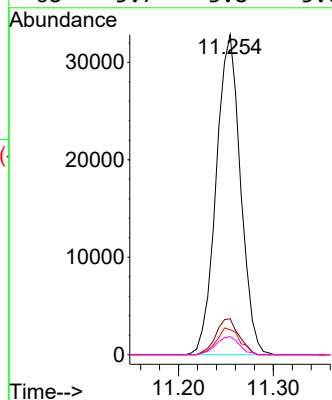
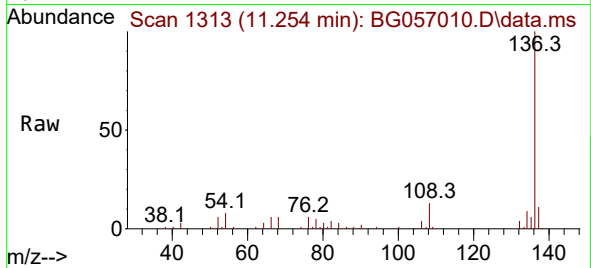




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.254 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

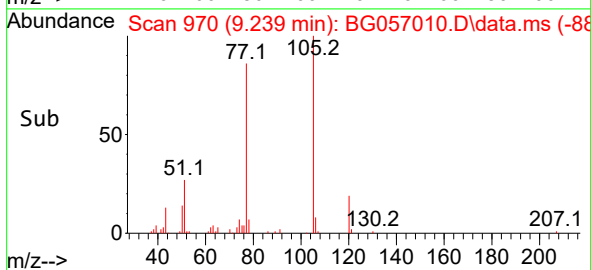
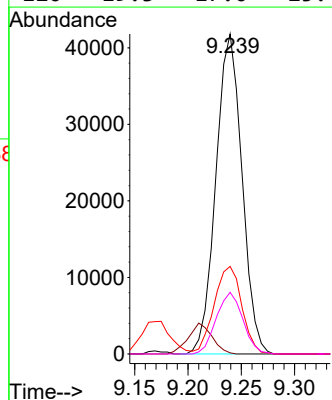
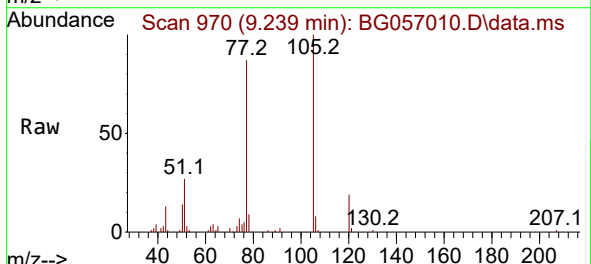
Instrument :
BNA_G
ClientSampleId :
PB151924BS

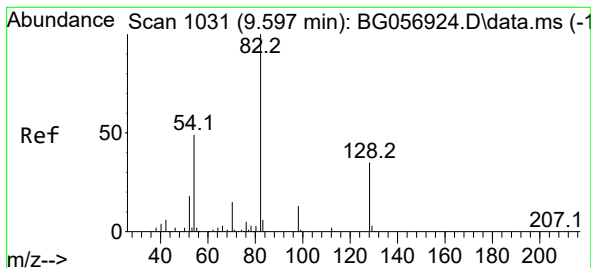
Tgt Ion:136 Resp: 58541
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.8 6.9 10.3
68 5.7 3.8 5.6#



#22
Acetophenone
Concen: 40.816 ng
RT: 9.239 min Scan# 970
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:105 Resp: 71099
Ion Ratio Lower Upper
105 100
71 0.4 0.7 1.1#
51 27.3 23.8 35.8
120 19.3 17.0 25.4





#23

Nitrobenzene-d5

Concen: 65.370 ng

RT: 9.592 min Scan# 1030

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

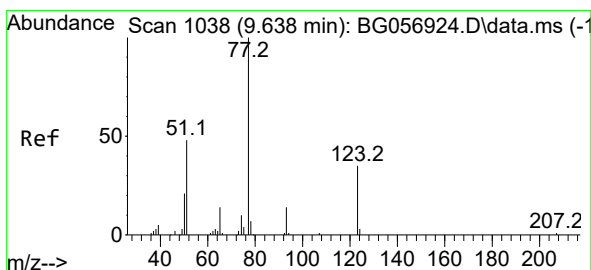
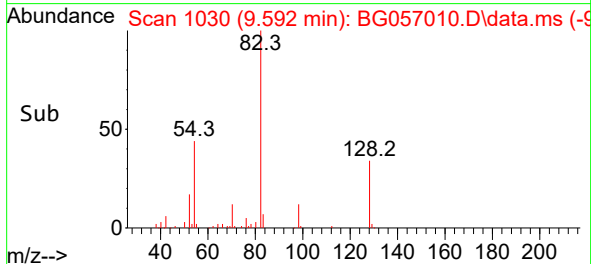
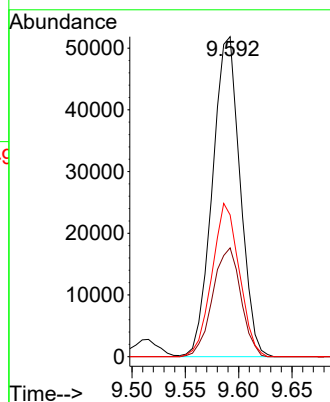
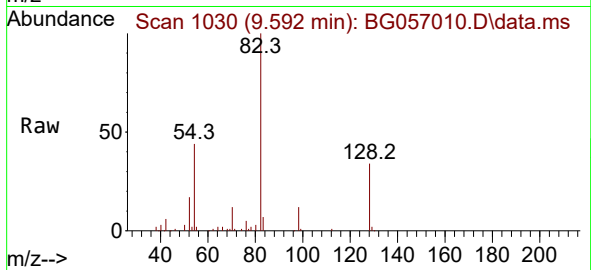
Tgt Ion: 82 Resp: 93525

Ion Ratio Lower Upper

82 100

128 34.0 27.9 41.9

54 44.3 39.4 59.2



#24

Nitrobenzene

Concen: 40.694 ng

RT: 9.633 min Scan# 1037

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

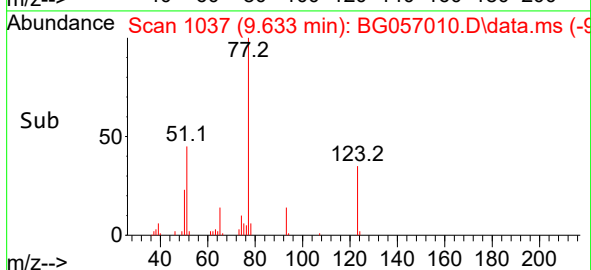
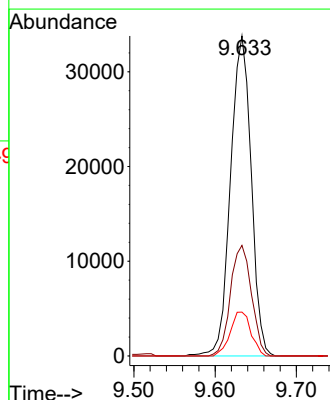
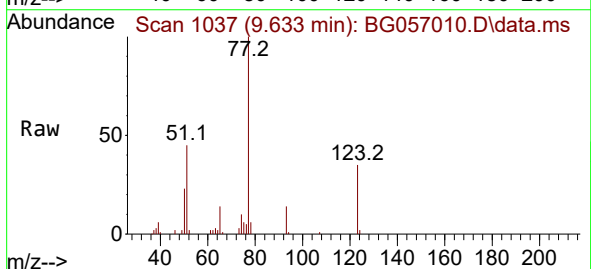
Tgt Ion: 77 Resp: 59524

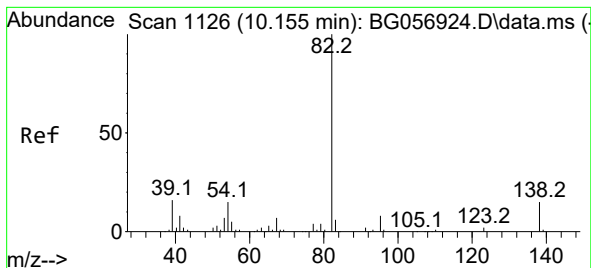
Ion Ratio Lower Upper

77 100

123 34.5 27.6 41.4

65 13.7 11.5 17.3





#25

Isophorone

Concen: 38.710 ng

RT: 10.156 min Scan# 1126

Delta R.T. 0.004 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

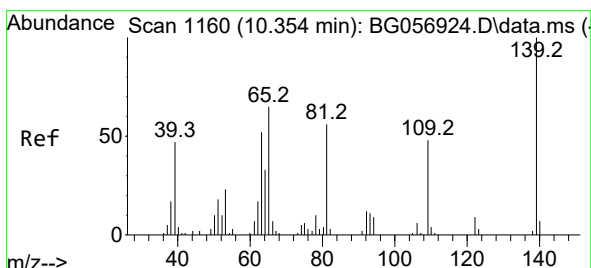
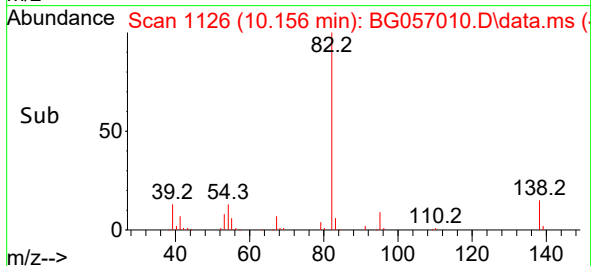
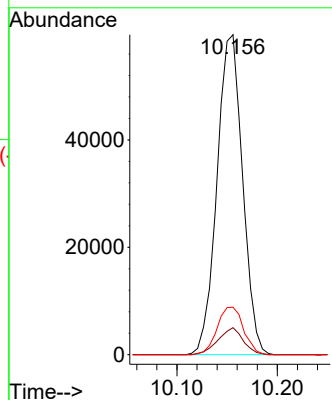
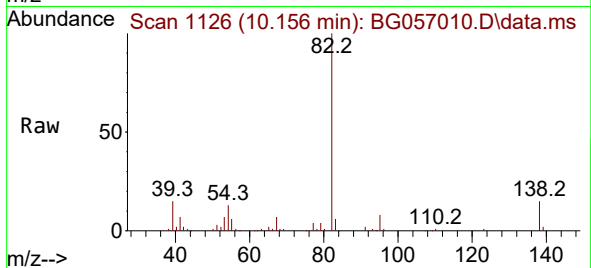
Tgt Ion: 82 Resp: 105463

Ion Ratio Lower Upper

82 100

95 8.4 6.3 9.5

138 14.9 11.8 17.8



#26

2-Nitrophenol

Concen: 44.582 ng

RT: 10.350 min Scan# 1159

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

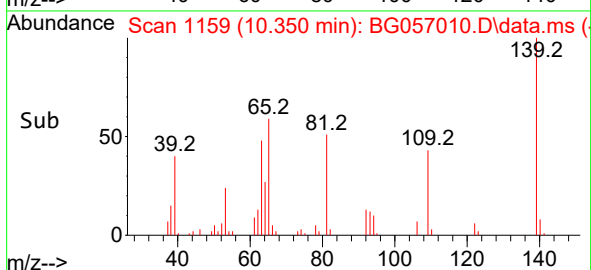
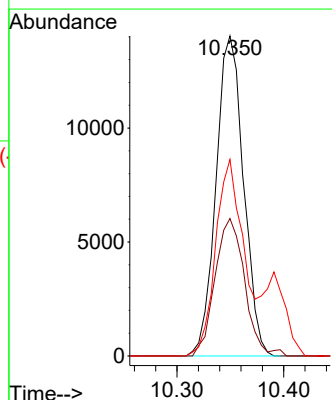
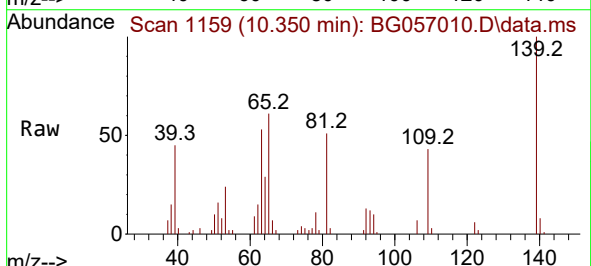
Tgt Ion:139 Resp: 25171

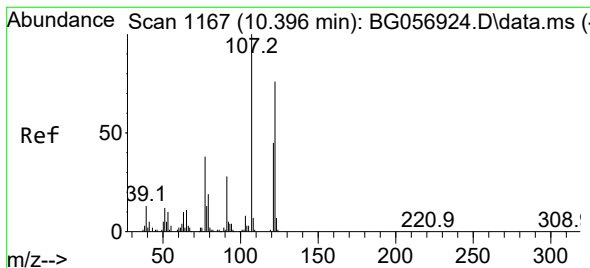
Ion Ratio Lower Upper

139 100

109 42.9 38.2 57.4

65 61.4 51.8 77.8

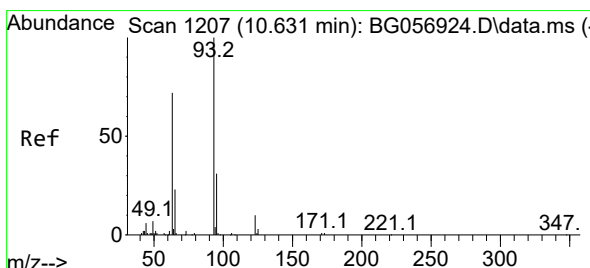
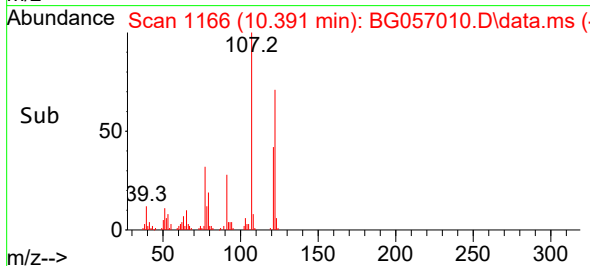
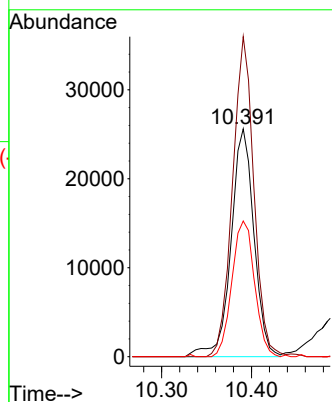
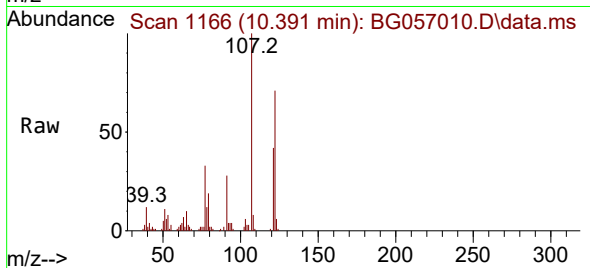




#27
2,4-Dimethylphenol
Concen: 45.461 ng
RT: 10.391 min Scan# 1166
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

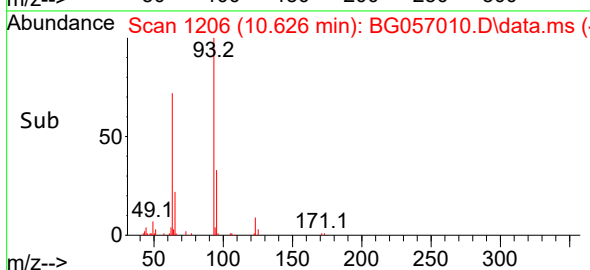
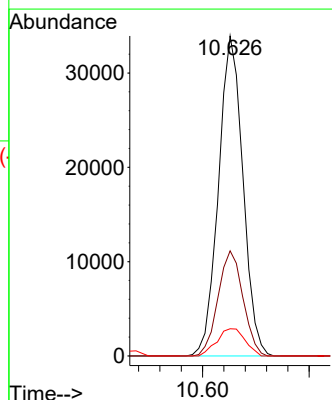
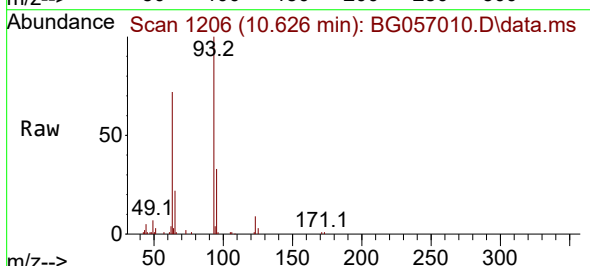
Instrument :
BNA_G
ClientSampleId :
PB151924BS

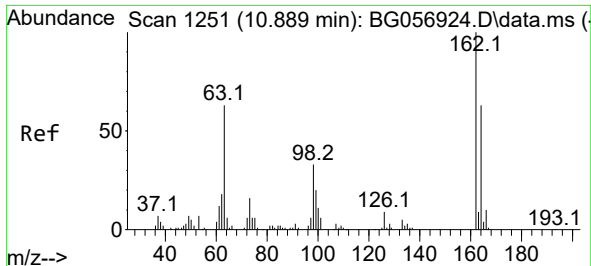
Tgt Ion:122 Resp: 45318
Ion Ratio Lower Upper
122 100
107 140.4 105.7 158.5
121 59.6 48.0 72.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.481 ng
RT: 10.626 min Scan# 1206
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion: 93 Resp: 53851
Ion Ratio Lower Upper
93 100
95 32.9 24.6 37.0
123 8.5 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 45.849 ng

RT: 10.884 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

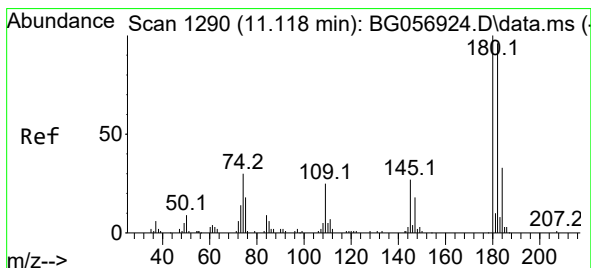
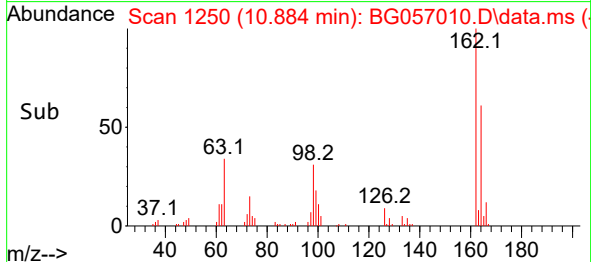
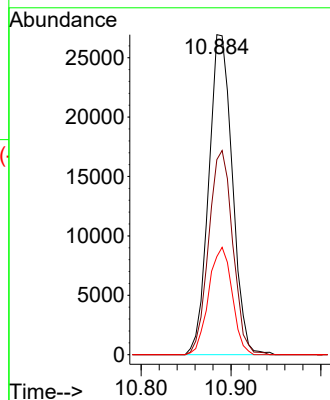
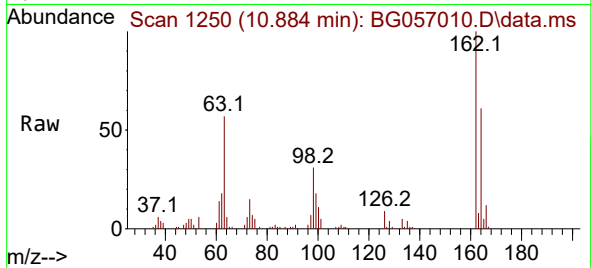
Tgt Ion:162 Resp: 49153

Ion Ratio Lower Upper

162 100

164 60.9 43.4 83.4

98 30.7 12.5 52.5



#30

1,2,4-Trichlorobenzene

Concen: 43.138 ng

RT: 11.107 min Scan# 1288

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

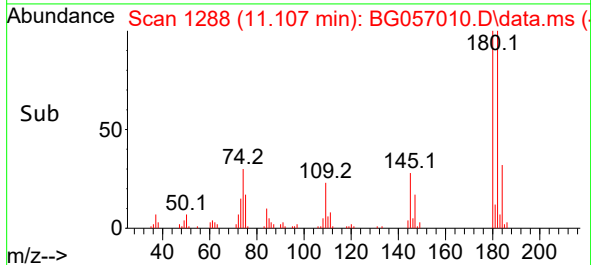
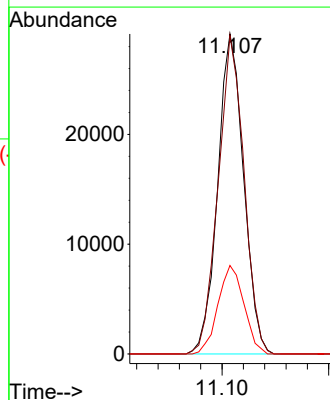
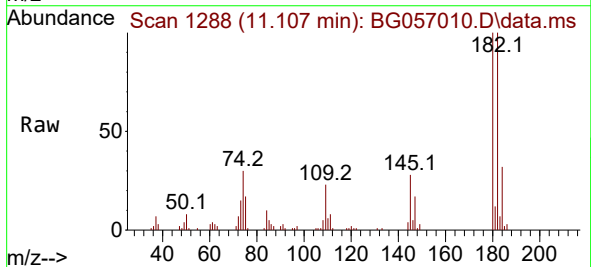
Tgt Ion:180 Resp: 49139

Ion Ratio Lower Upper

180 100

182 99.5 77.1 115.7

145 27.6 21.3 31.9

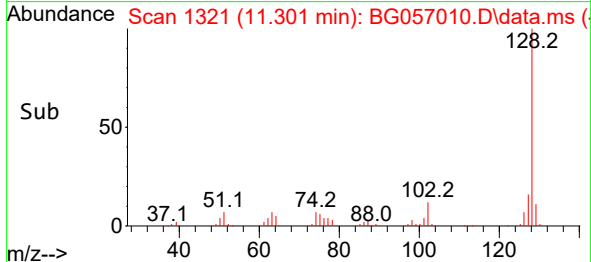
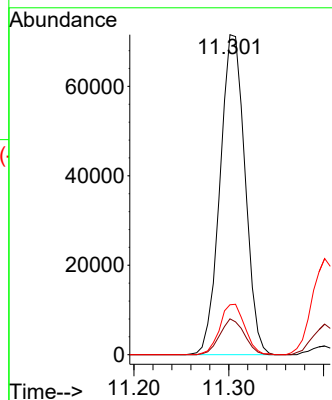
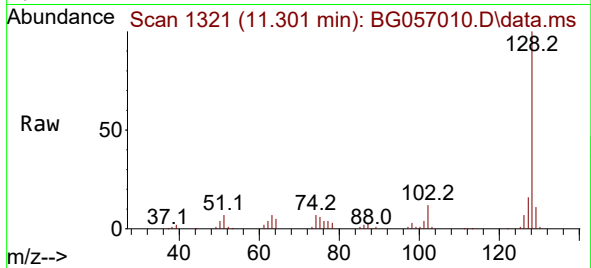




#31
Naphthalene
Concen: 41.020 ng
RT: 11.301 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

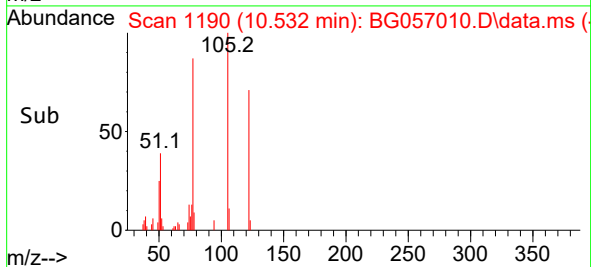
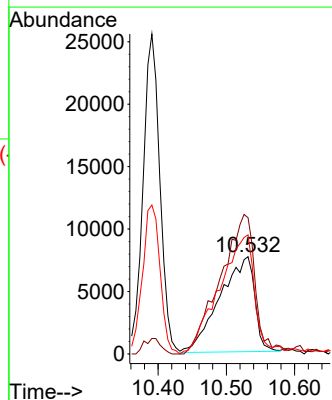
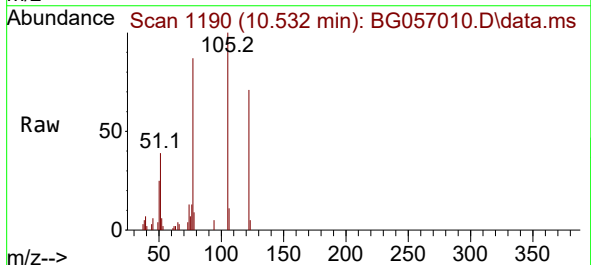
Instrument :
BNA_G
ClientSampleId :
PB151924BS

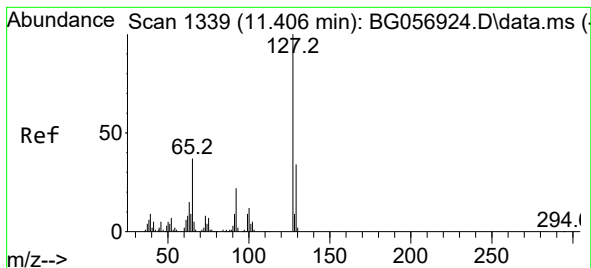
Tgt Ion:128 Resp: 130889
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 15.6 12.2 18.4



#32
Benzoic acid
Concen: 39.519 ng
RT: 10.532 min Scan# 1190
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:122 Resp: 27061
Ion Ratio Lower Upper
122 100
105 140.3 105.4 145.4
77 122.4 87.4 127.4





#33

4-Chloroaniline

Concen: 29.641 ng

RT: 11.401 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

Tgt Ion:127 Resp: 42717

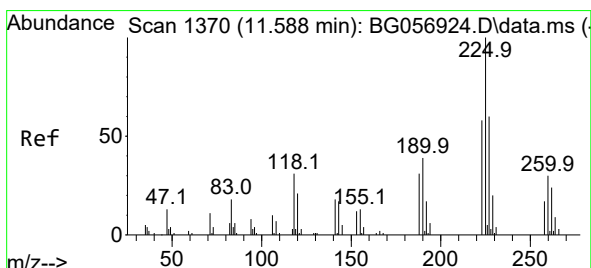
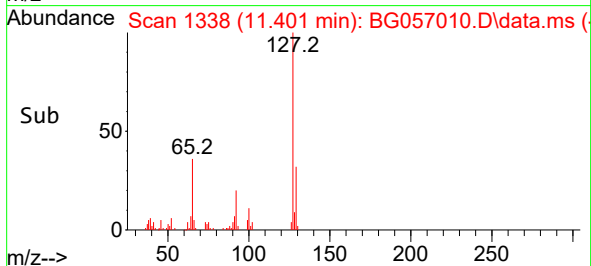
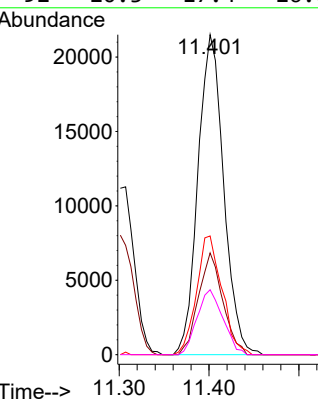
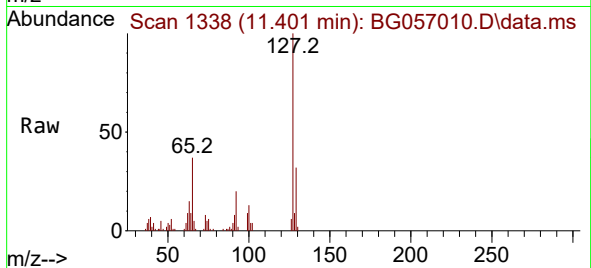
Ion Ratio Lower Upper

127 100

129 31.8 27.6 41.4

65 37.1 29.8 44.8

92 20.3 17.4 26.0



#34

Hexachlorobutadiene

Concen: 41.119 ng

RT: 11.577 min Scan# 1368

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

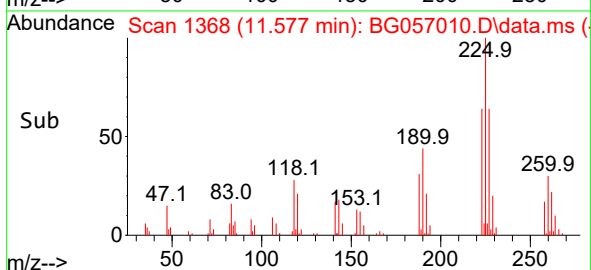
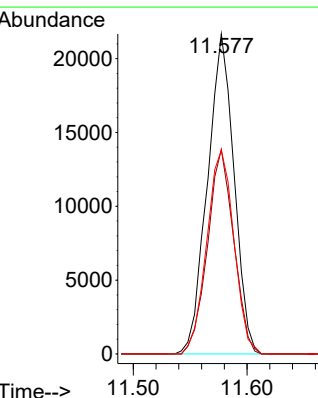
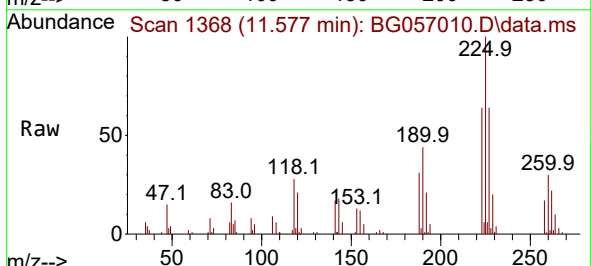
Tgt Ion:225 Resp: 35184

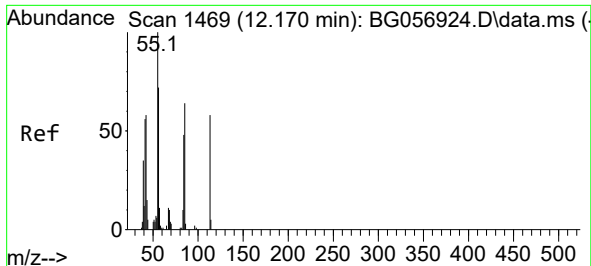
Ion Ratio Lower Upper

225 100

223 64.0 46.4 69.6

227 63.7 48.0 72.0

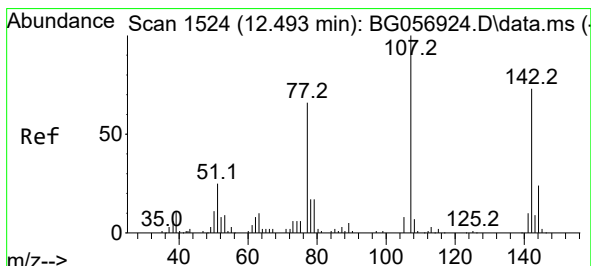
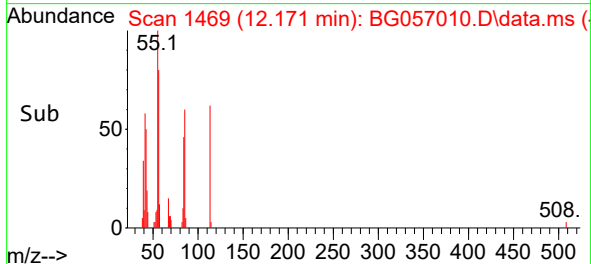
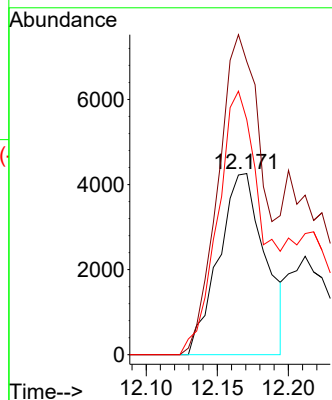
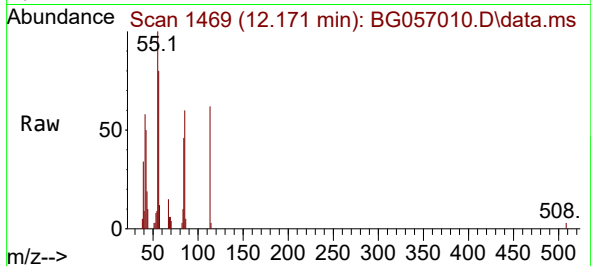




#35
 Caprolactam
 Concen: 26.085 ng
 RT: 12.171 min Scan# 1469
 Delta R.T. -0.002 min
 Lab File: BG057010.D
 Acq: 6 Apr 2023 13:20

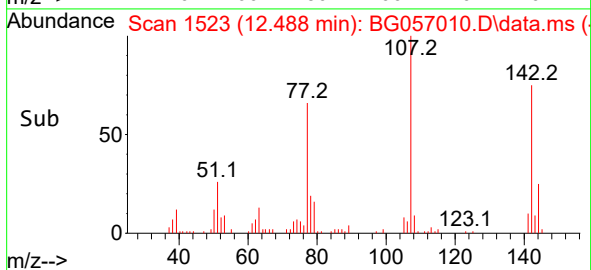
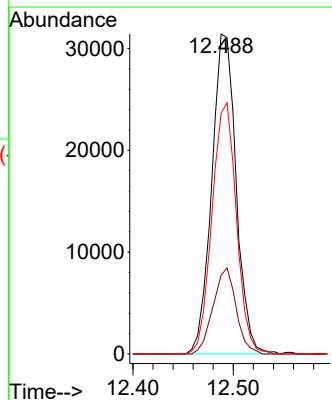
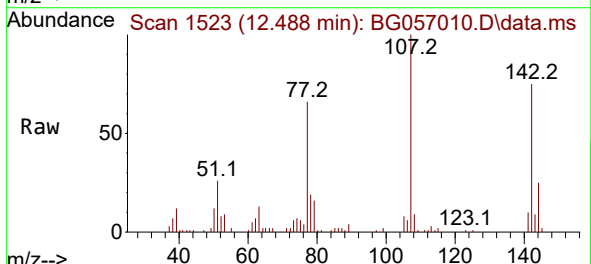
Instrument :
 BNA_G
 ClientSampleId :
 PB151924BS

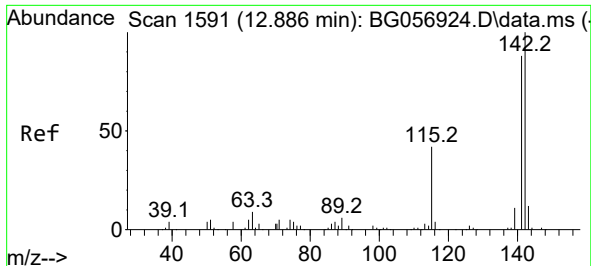
Tgt Ion:113 Resp: 9644
 Ion Ratio Lower Upper
 113 100
 55 161.8 151.6 191.6
 56 129.8 103.7 143.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.334 ng
 RT: 12.488 min Scan# 1523
 Delta R.T. -0.002 min
 Lab File: BG057010.D
 Acq: 6 Apr 2023 13:20

Tgt Ion:107 Resp: 53153
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.0 28.4
 142 75.3 58.6 88.0





#37

2-Methylnaphthalene

Concen: 39.987 ng

RT: 12.876 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

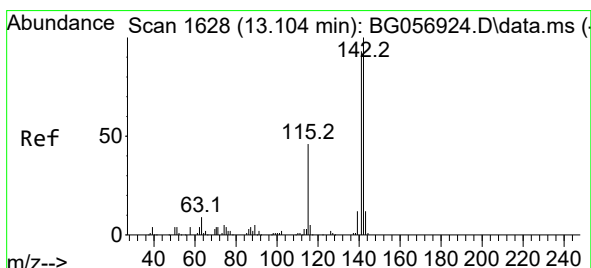
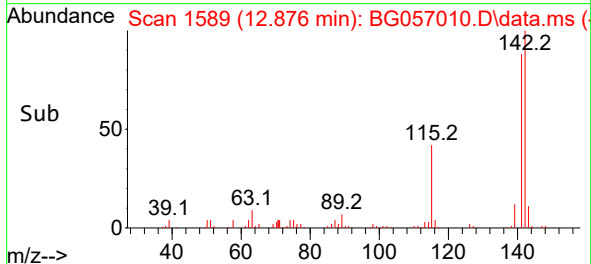
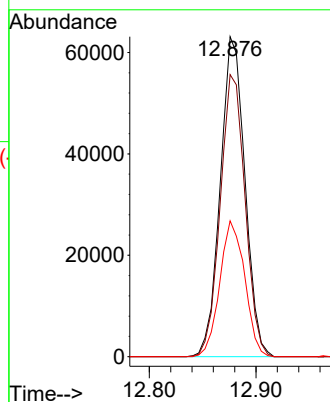
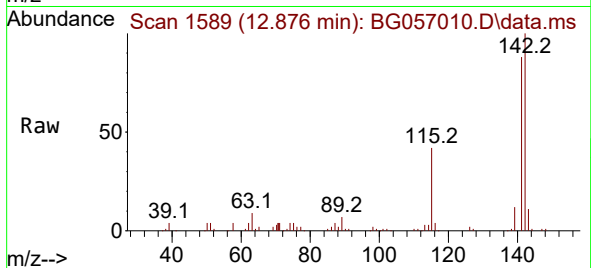
Tgt Ion:142 Resp: 101266

Ion Ratio Lower Upper

142 100

141 88.2 70.3 105.5

115 42.5 33.5 50.3



#38

1-Methylnaphthalene

Concen: 40.243 ng

RT: 13.093 min Scan# 1626

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

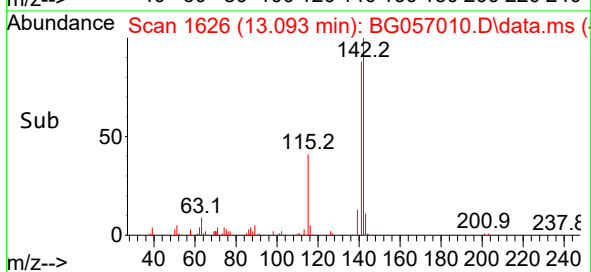
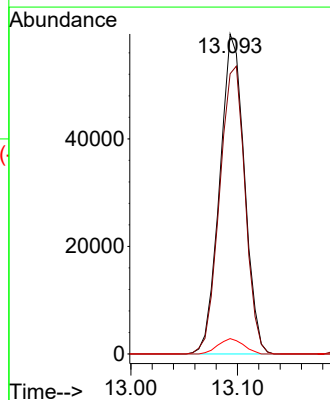
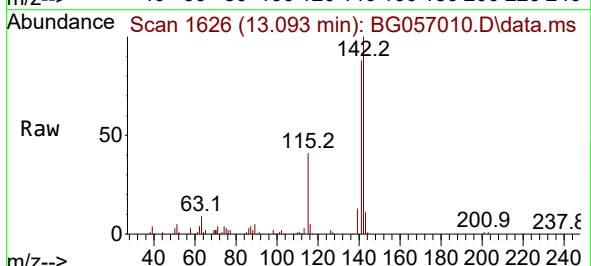
Tgt Ion:142 Resp: 95699

Ion Ratio Lower Upper

142 100

141 87.5 74.0 111.0

116 4.8 3.7 5.5

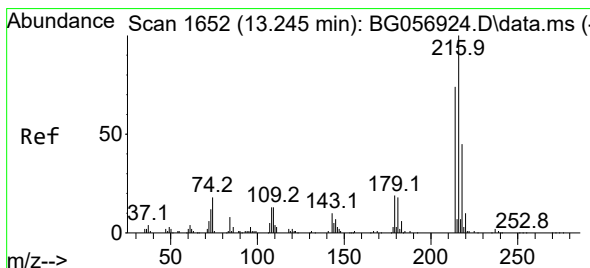
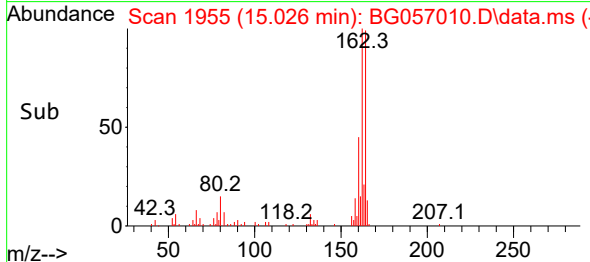
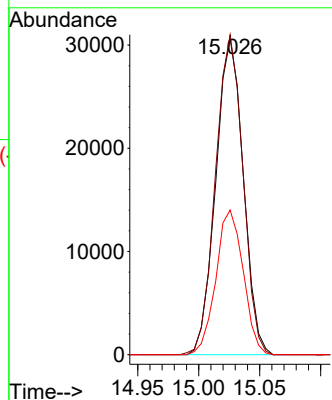
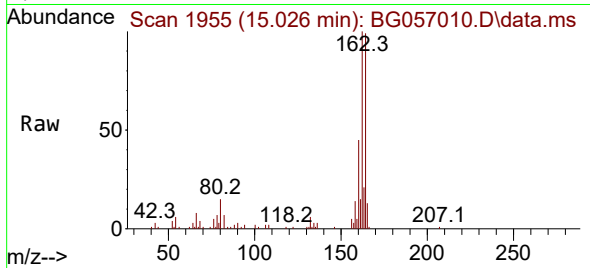




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.026 min Scan# 1955
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

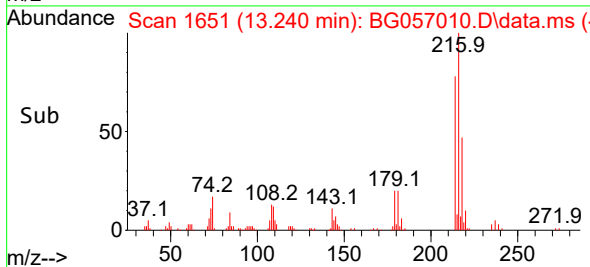
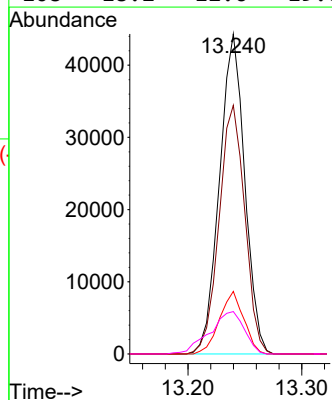
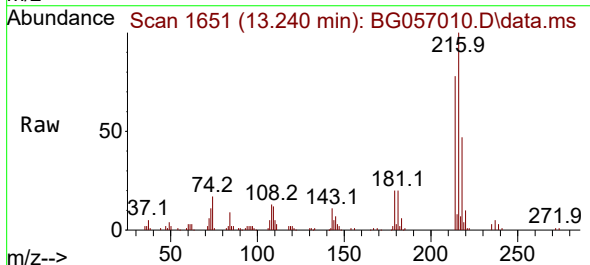
Instrument :
BNA_G
ClientSampleId :
PB151924BS

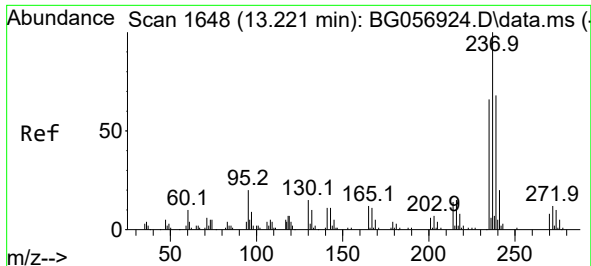
Tgt Ion:164 Resp: 48108
Ion Ratio Lower Upper
164 100
162 101.3 77.8 116.8
160 45.8 33.5 50.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.966 ng
RT: 13.240 min Scan# 1651
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

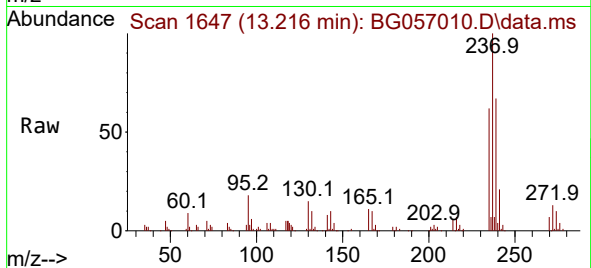
Tgt Ion:216 Resp: 68342
Ion Ratio Lower Upper
216 100
214 79.0 63.3 94.9
179 18.8 15.0 22.6
108 18.2 12.6 19.0



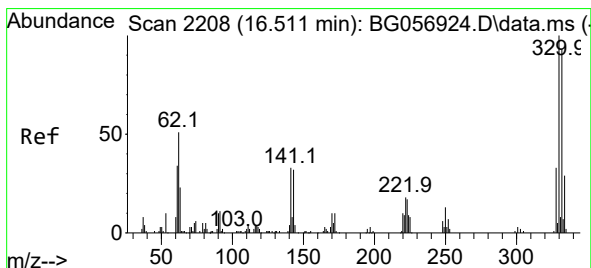
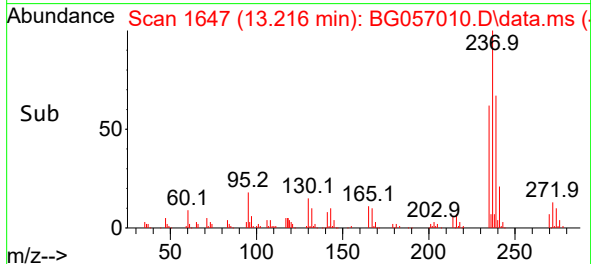
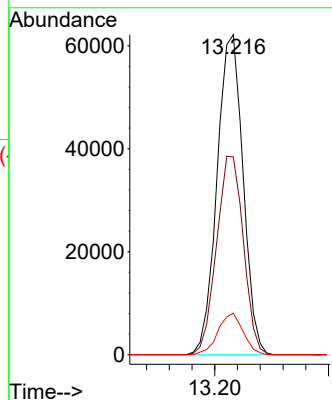


#41
Hexachlorocyclopentadiene
Concen: 107.499 ng
RT: 13.216 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Instrument :
BNA_G
ClientSampleId :
PB151924BS

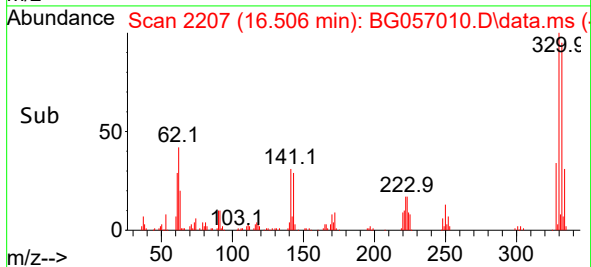
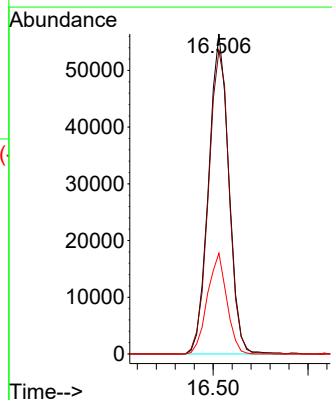
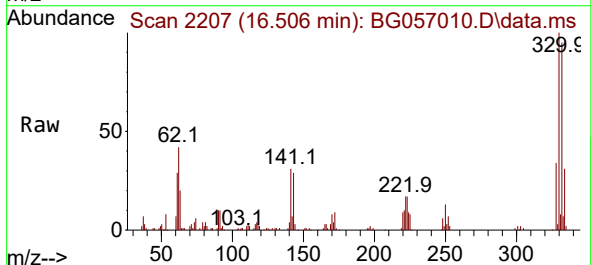


Tgt Ion:237 Resp: 98809
Ion Ratio Lower Upper
237 100
235 61.8 45.9 85.9
272 12.9 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 108.075 ng
RT: 16.506 min Scan# 2207
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:330 Resp: 83060
Ion Ratio Lower Upper
330 100
332 97.3 76.1 114.1
141 30.2 25.8 38.6

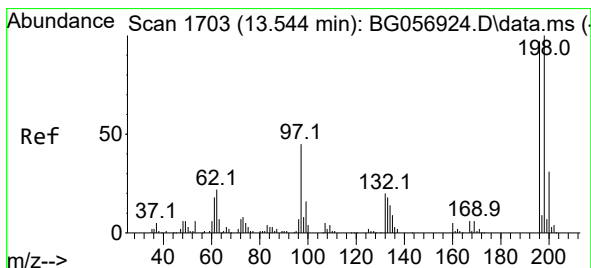
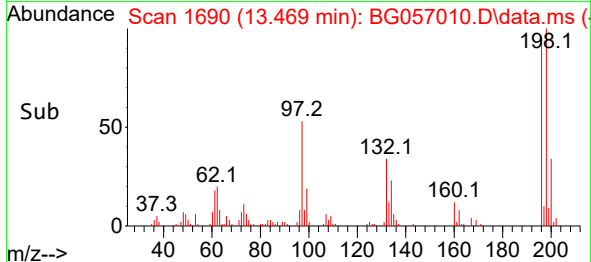
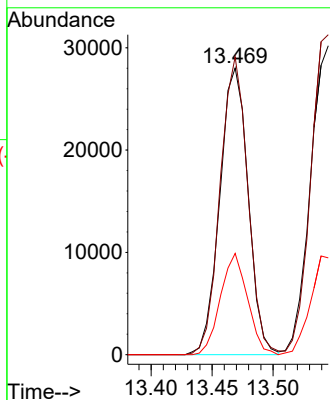
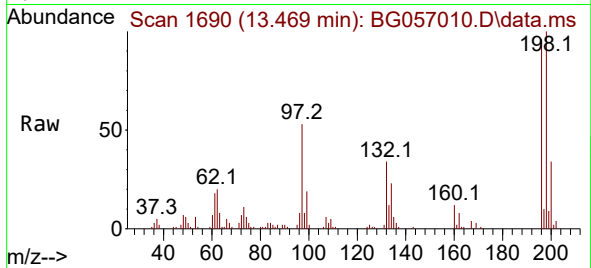




#43
2,4,6-Trichlorophenol
Concen: 42.614 ng
RT: 13.469 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

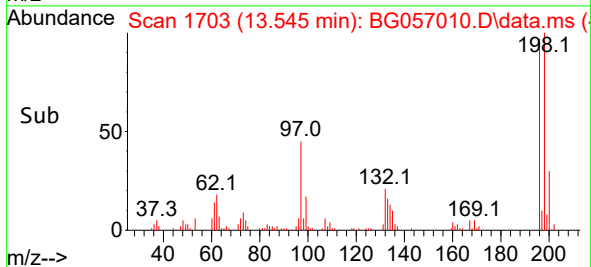
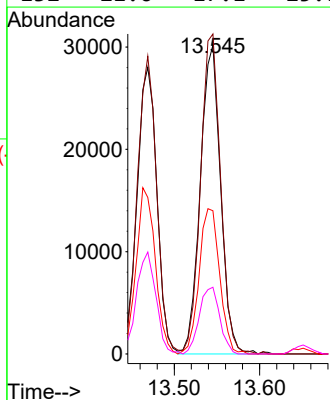
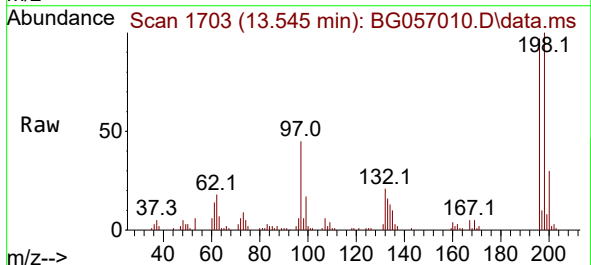
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BNA_G
ClientSampleId :
PB151924BS

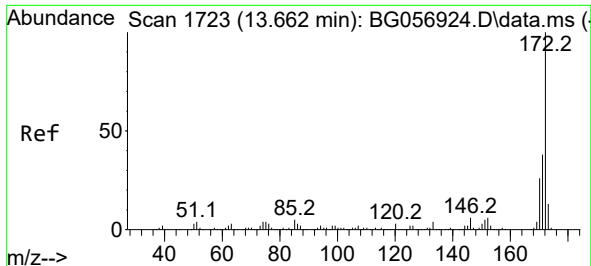
Tgt Ion:196 Resp: 45366
Ion Ratio Lower Upper
196 100
198 103.9 79.1 118.7
200 35.3 27.2 40.8



#44
2,4,5-Trichlorophenol
Concen: 39.676 ng
RT: 13.545 min Scan# 1703
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:196 Resp: 50037
Ion Ratio Lower Upper
196 100
198 103.5 82.5 123.7
97 46.4 37.0 55.6
132 21.6 17.1 25.7

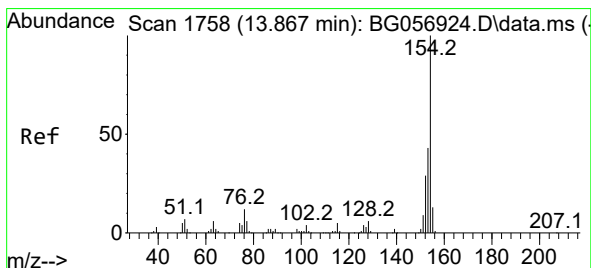
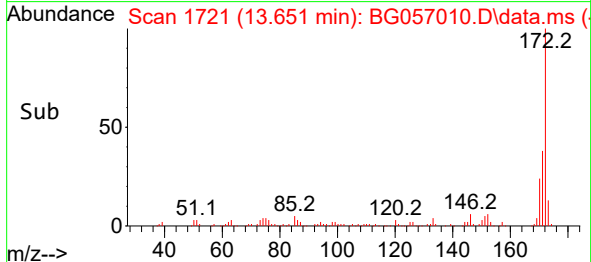
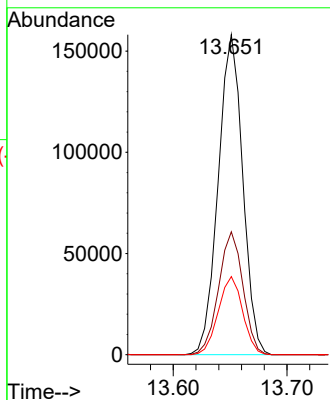
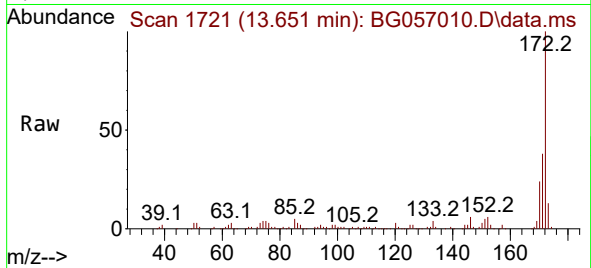




#45
2-Fluorobiphenyl
Concen: 66.799 ng
RT: 13.651 min Scan# 1721
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

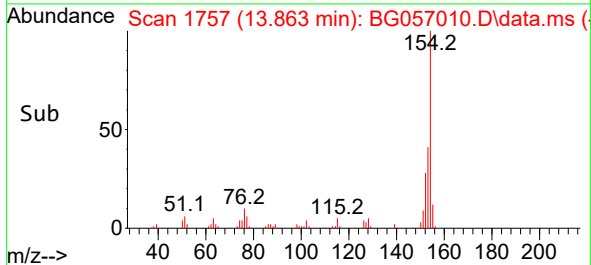
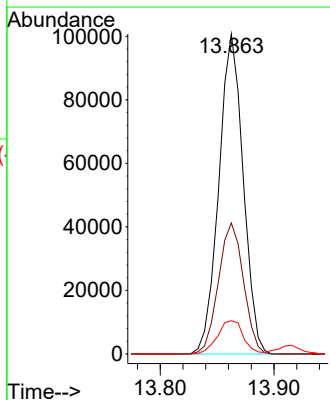
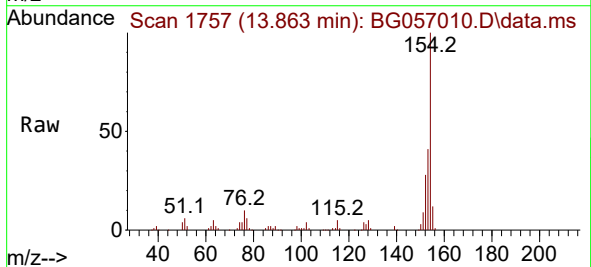
Instrument :
BNA_G
ClientSampleId :
PB151924BS

Tgt Ion:172 Resp: 236988
Ion Ratio Lower Upper
172 100
171 38.4 30.6 46.0
170 24.4 20.6 30.8



#46
1,1'-Biphenyl
Concen: 42.492 ng
RT: 13.863 min Scan# 1757
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:154 Resp: 149641
Ion Ratio Lower Upper
154 100
153 41.0 23.4 63.4
76 10.4 0.0 31.6

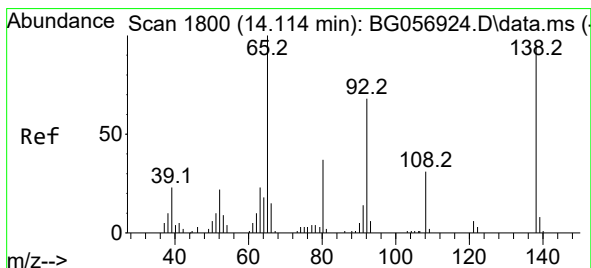
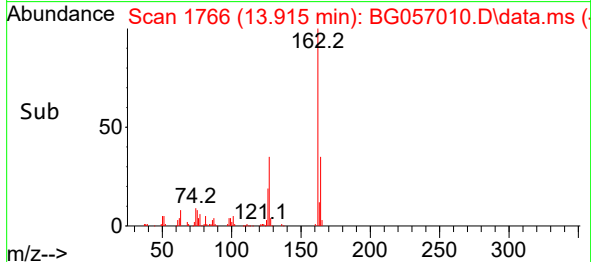
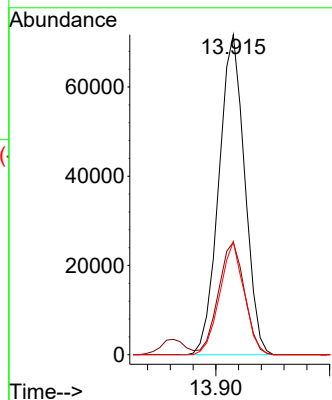
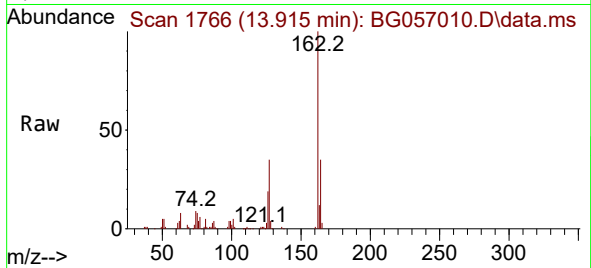




#47
2-Chloronaphthalene
Concen: 43.371 ng
RT: 13.915 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

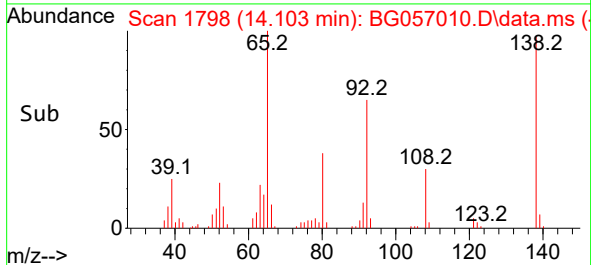
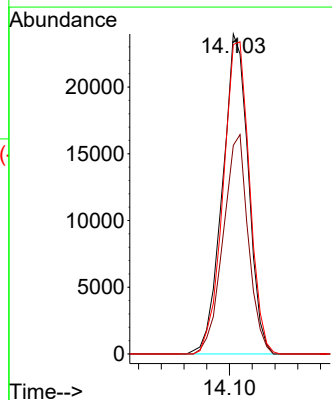
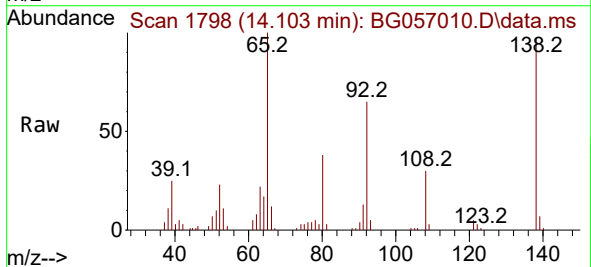
Instrument :
BNA_G
ClientSampleId :
PB151924BS

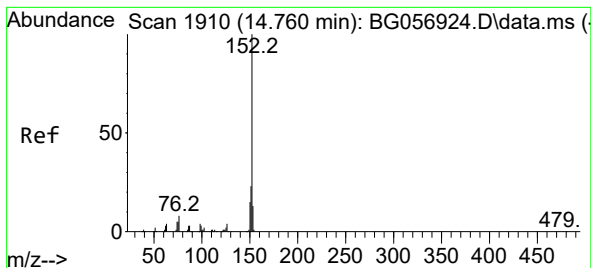
Tgt Ion:162 Resp: 112965
Ion Ratio Lower Upper
162 100
127 35.2 29.5 44.3
164 35.3 25.5 38.3



#48
2-Nitroaniline
Concen: 40.528 ng
RT: 14.103 min Scan# 1798
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion: 65 Resp: 37745
Ion Ratio Lower Upper
65 100
92 65.2 54.3 81.5
138 96.7 76.0 114.0





#49

Acenaphthylene

Concen: 42.332 ng

RT: 14.755 min Scan# 1910

Delta R.T. 0.004 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

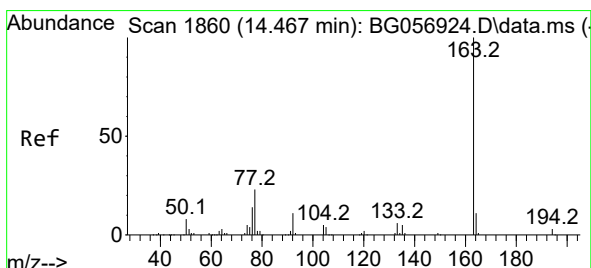
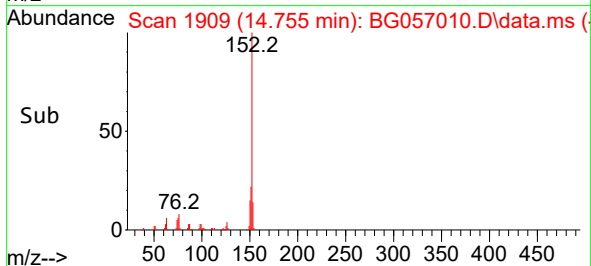
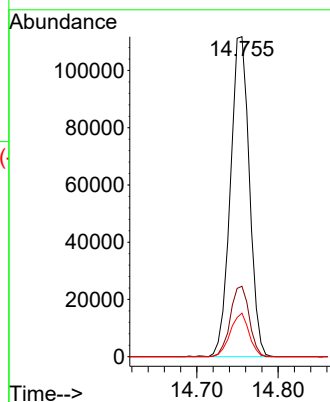
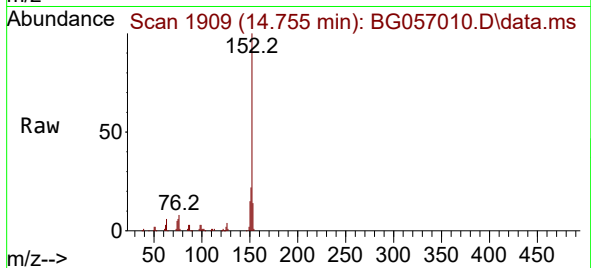
Tgt Ion:152 Resp: 181157

Ion Ratio Lower Upper

152 100

151 22.0 18.2 27.2

153 13.6 10.5 15.7



#50

Dimethylphthalate

Concen: 40.732 ng

RT: 14.462 min Scan# 1859

Delta R.T. 0.004 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

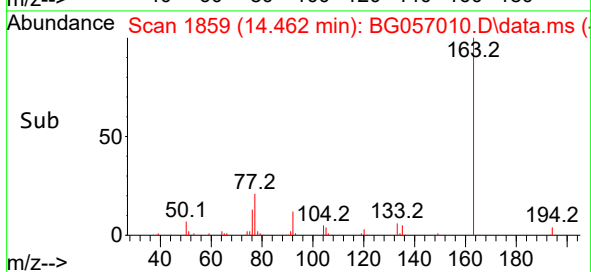
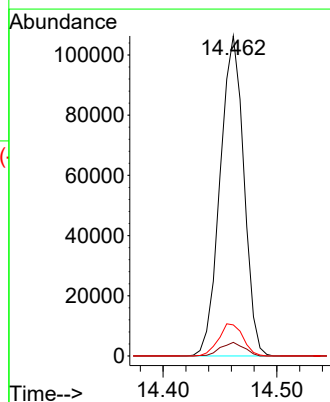
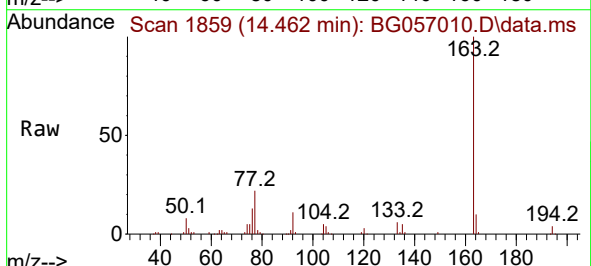
Tgt Ion:163 Resp: 154397

Ion Ratio Lower Upper

163 100

194 4.3 2.8 4.2#

164 9.7 8.8 13.2

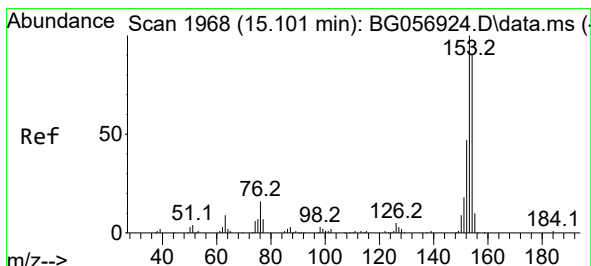
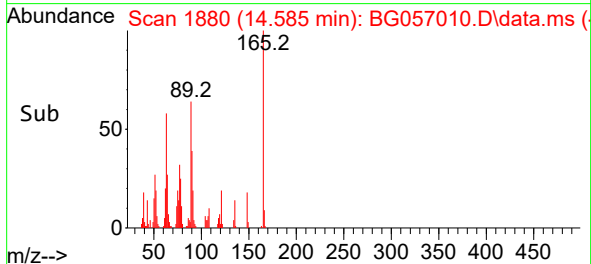
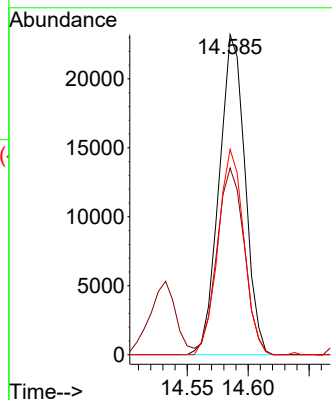
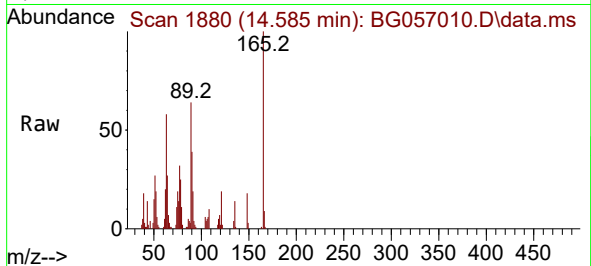




#51
2,6-Dinitrotoluene
Concen: 41.882 ng
RT: 14.585 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

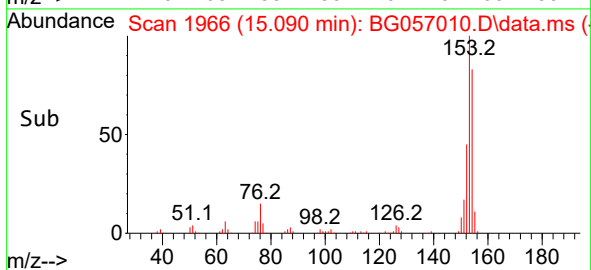
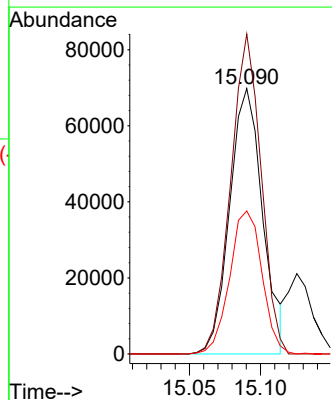
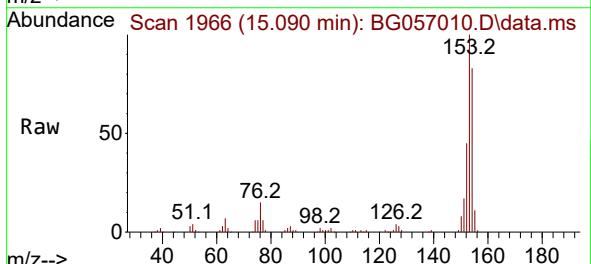
Instrument :
BNA_G
ClientSampleId :
PB151924BS

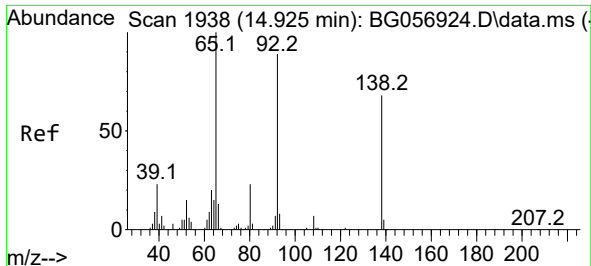
Tgt Ion:165 Resp: 34301
Ion Ratio Lower Upper
165 100
63 58.3 53.0 79.6
89 64.1 51.0 76.4



#52
Acenaphthene
Concen: 38.200 ng
RT: 15.090 min Scan# 1966
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:154 Resp: 112743
Ion Ratio Lower Upper
154 100
153 120.6 88.9 133.3
152 53.9 41.8 62.8

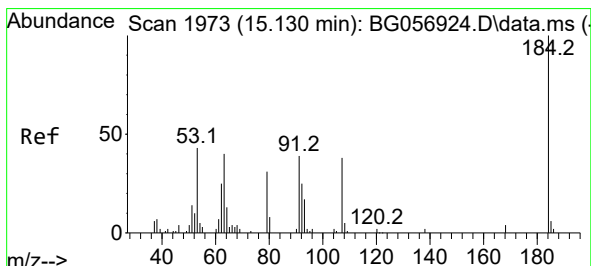
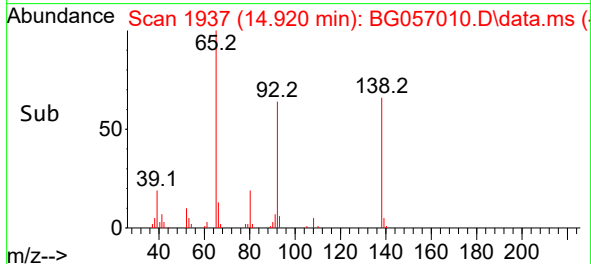
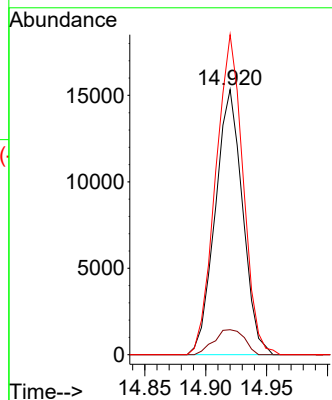
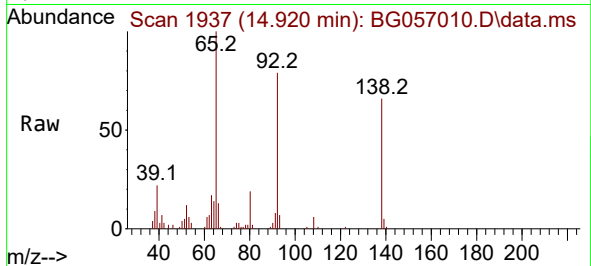




#53
3-Nitroaniline
Concen: 29.531 ng
RT: 14.920 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

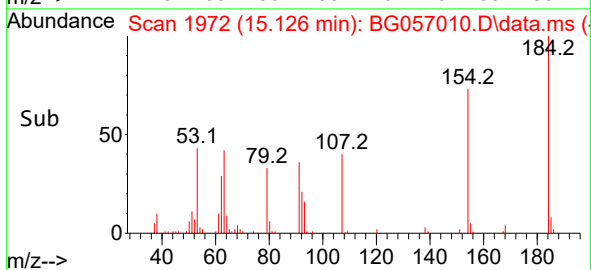
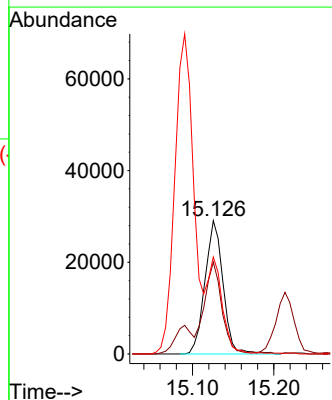
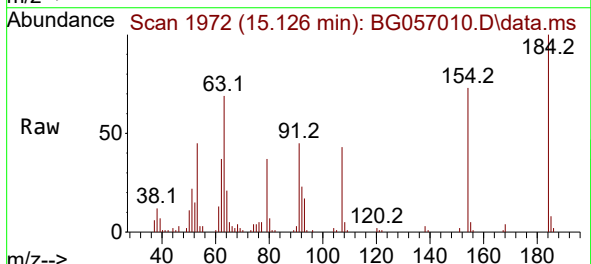
Instrument :
BNA_G
ClientSampleId :
PB151924BS

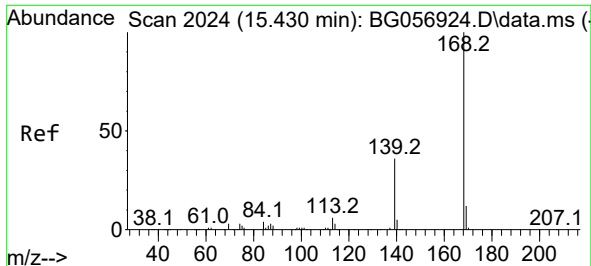
Tgt Ion:138 Resp: 23939
Ion Ratio Lower Upper
138 100
108 9.4 8.2 12.2
92 120.7 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 97.466 ng
RT: 15.126 min Scan# 1972
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:184 Resp: 44930
Ion Ratio Lower Upper
184 100
63 69.0 46.5 69.7
154 72.7 53.5 80.3

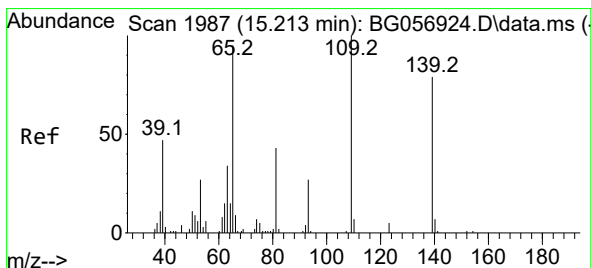
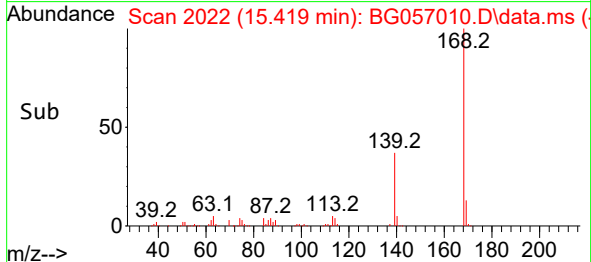
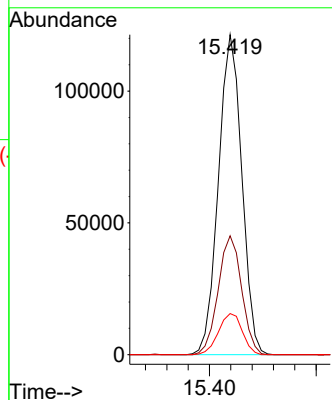
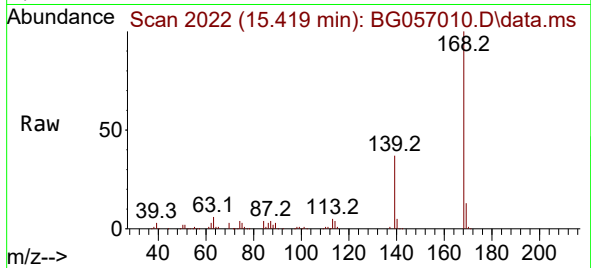




#55
Dibenzenofuran
Concen: 41.651 ng
RT: 15.419 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

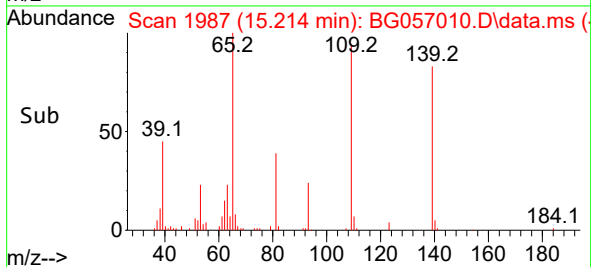
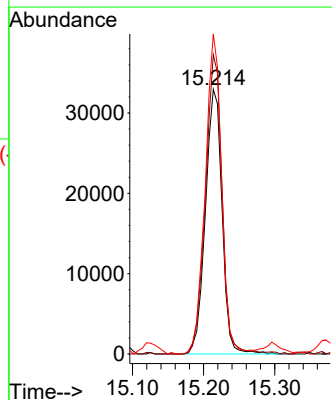
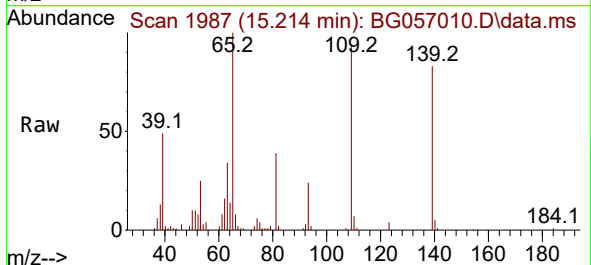
Instrument :
BNA_G
ClientSampleId :
PB151924BS

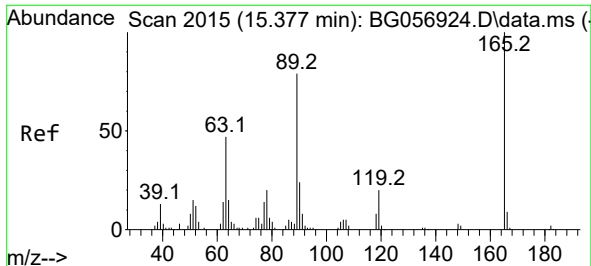
Tgt Ion:168 Resp: 184502
Ion Ratio Lower Upper
168 100
139 37.1 28.9 43.3
169 12.8 9.8 14.6



#56
4-Nitrophenol
Concen: 89.816 ng
RT: 15.214 min Scan# 1987
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:139 Resp: 53840
Ion Ratio Lower Upper
139 100
109 113.1 106.7 146.7
65 120.9 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 41.403 ng

RT: 15.372 min Scan# 2015

Delta R.T. -0.002 min

Lab File: BG057010.D

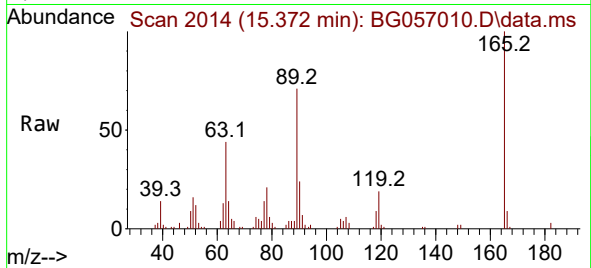
Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS



Tgt Ion:165 Resp: 47824

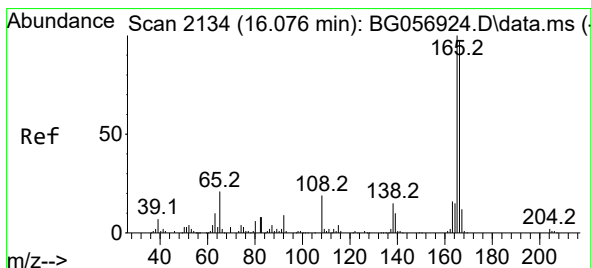
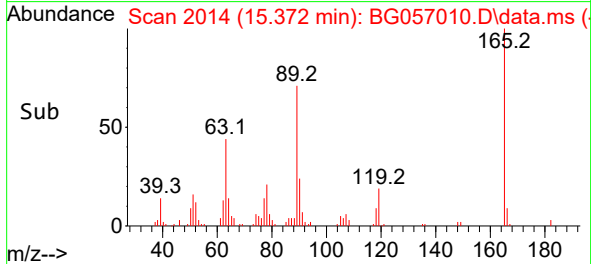
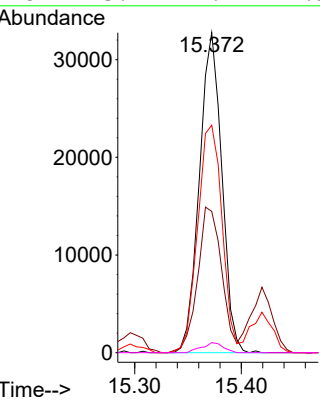
Ion Ratio Lower Upper

165 100

63 44.2 37.7 56.5

89 71.1 63.2 94.8

182 3.1 1.7 2.5#



#58

Fluorene

Concen: 40.997 ng

RT: 16.065 min Scan# 2132

Delta R.T. 0.004 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

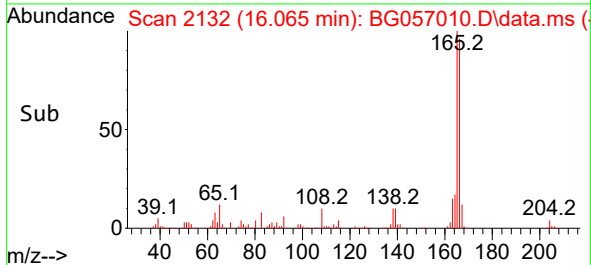
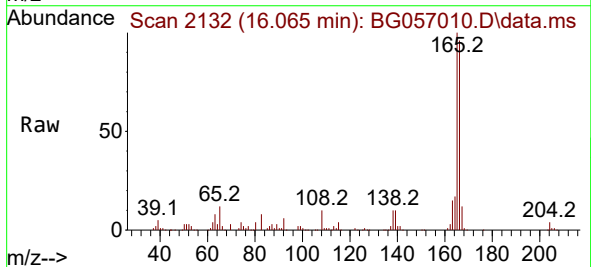
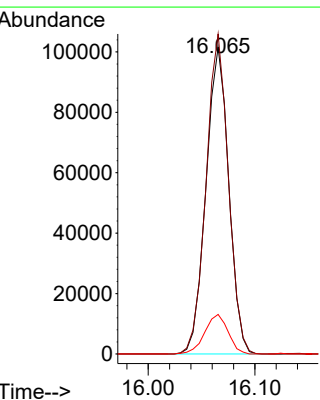
Tgt Ion:166 Resp: 150276

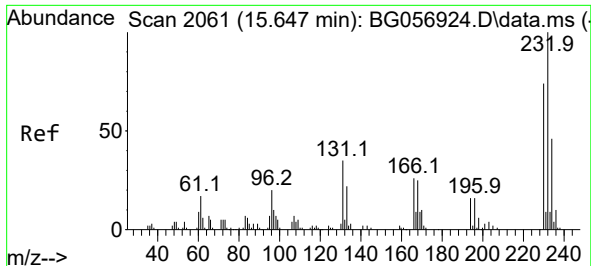
Ion Ratio Lower Upper

166 100

165 104.3 82.6 123.8

167 12.9 10.2 15.2

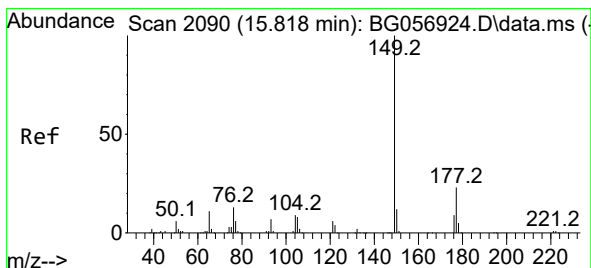
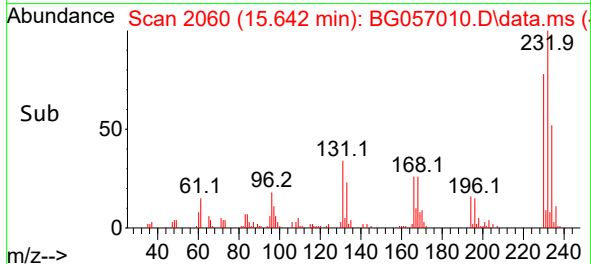
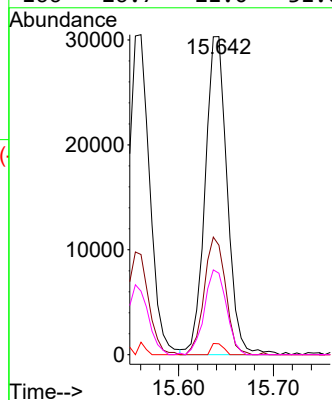
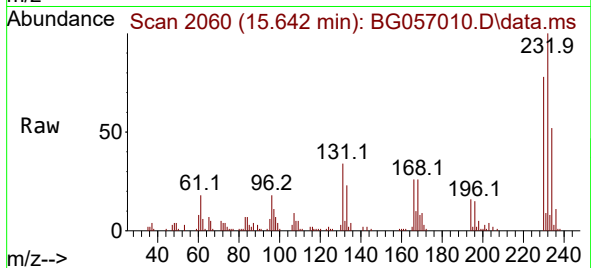




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.578 ng
RT: 15.642 min Scan# 2061
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

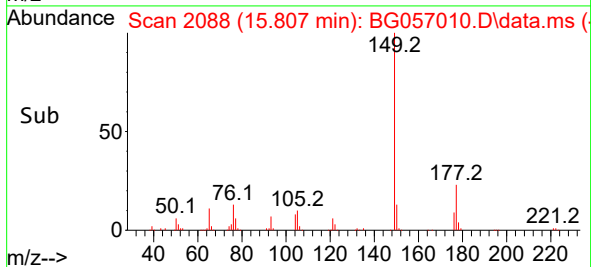
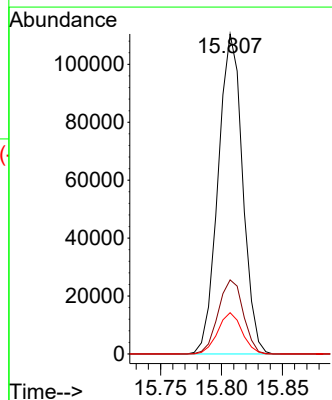
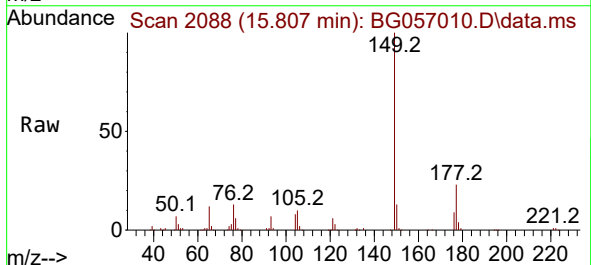
Instrument :
BNA_G
ClientSampleId :
PB151924BS

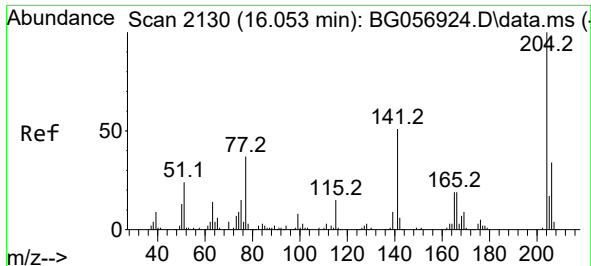
Tgt Ion:232 Resp: 48891
Ion Ratio Lower Upper
232 100
131 35.8 29.3 43.9
130 1.9 1.7 2.5
166 26.7 21.0 31.6



#60
Diethylphthalate
Concen: 40.620 ng
RT: 15.807 min Scan# 2088
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:149 Resp: 154356
Ion Ratio Lower Upper
149 100
177 23.1 18.8 28.2
150 12.9 9.4 14.2

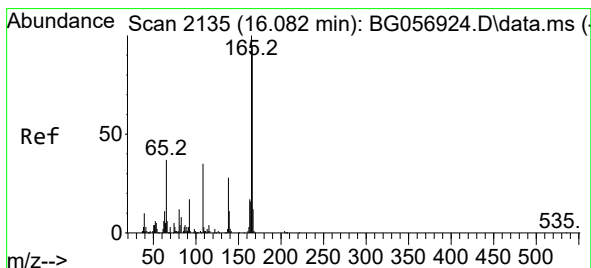
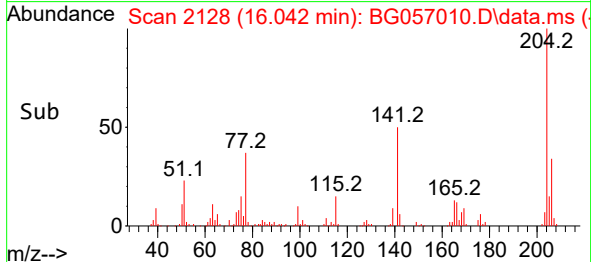
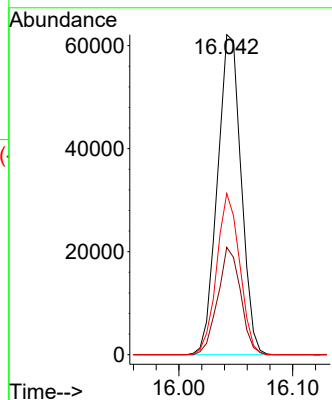
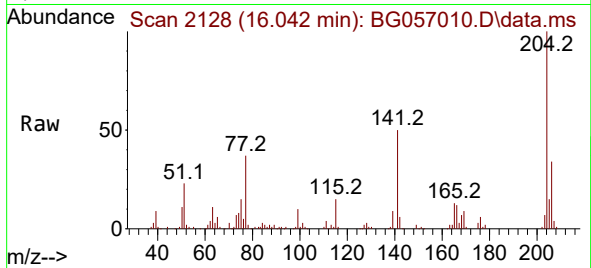




#61
4-Chlorophenyl-phenylether
Concen: 41.857 ng
RT: 16.042 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

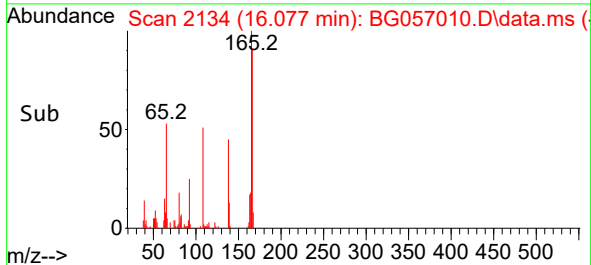
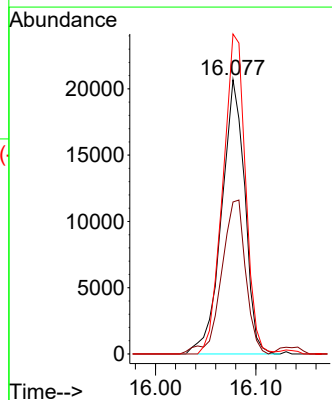
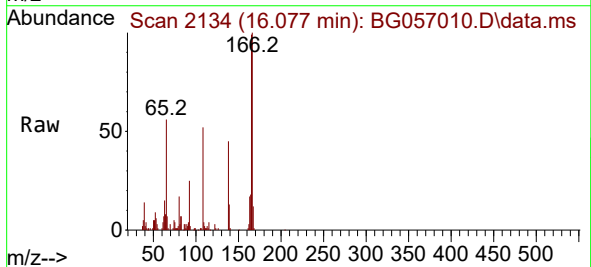
Instrument :
BNA_G
ClientSampleId :
PB151924BS

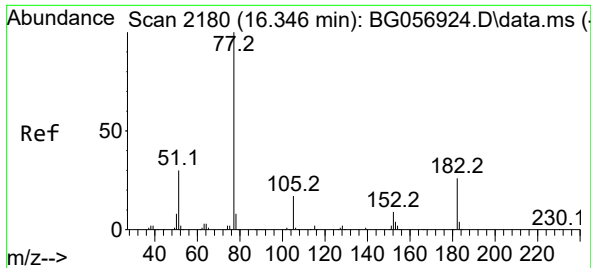
Tgt Ion:204 Resp: 90083
Ion Ratio Lower Upper
204 100
206 33.6 27.2 40.8
141 50.3 40.7 61.1



#62
4-Nitroaniline
Concen: 39.487 ng
RT: 16.077 min Scan# 2134
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:138 Resp: 33165
Ion Ratio Lower Upper
138 100
92 55.4 40.9 80.9
108 116.7 104.3 144.3

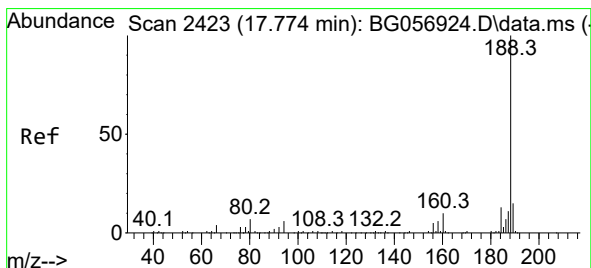
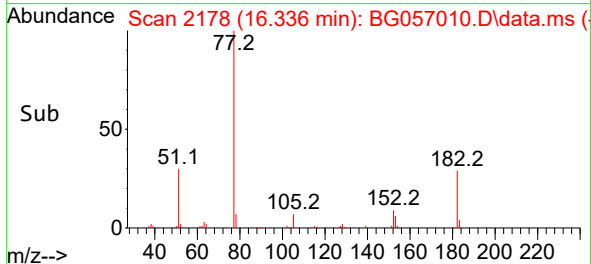
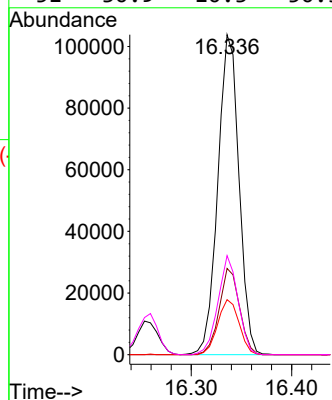
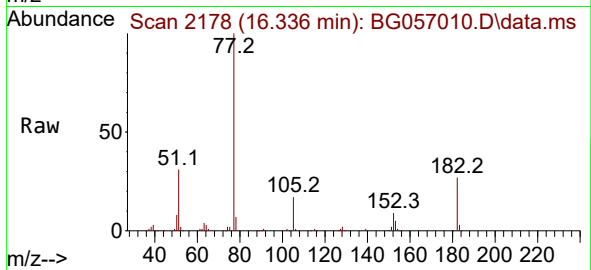




#63
Azobenzene
Concen: 40.131 ng
RT: 16.336 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

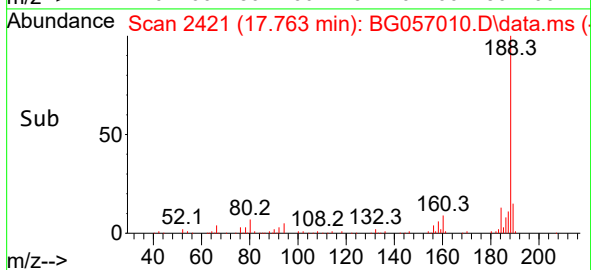
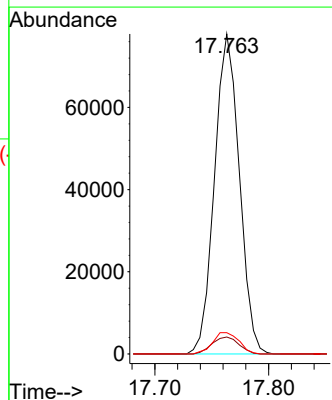
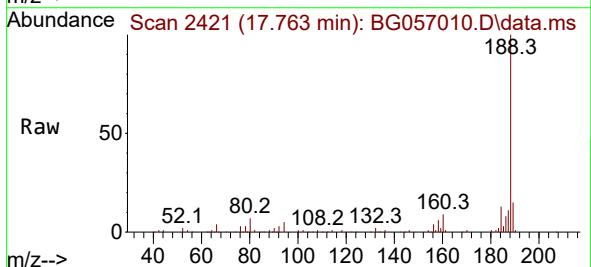
Instrument :
BNA_G
ClientSampleId :
PB151924BS

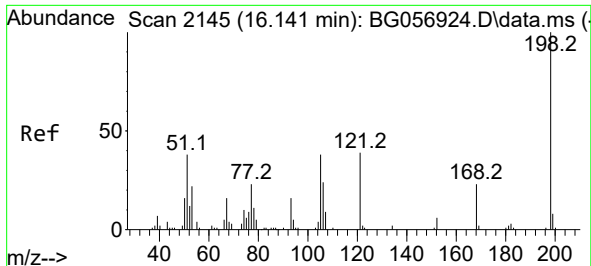
Tgt Ion: 77 Resp: 151977
Ion Ratio Lower Upper
77 100
182 27.0 5.9 45.9
105 17.2 0.0 36.8
51 30.9 10.3 50.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.763 min Scan# 2421
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:188 Resp: 118067
Ion Ratio Lower Upper
188 100
94 5.3 4.6 6.8
80 6.7 5.5 8.3

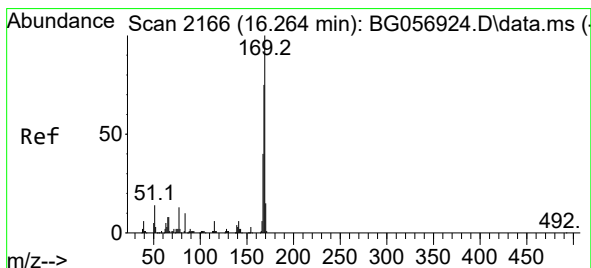
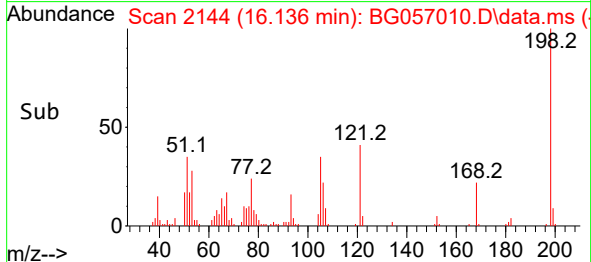
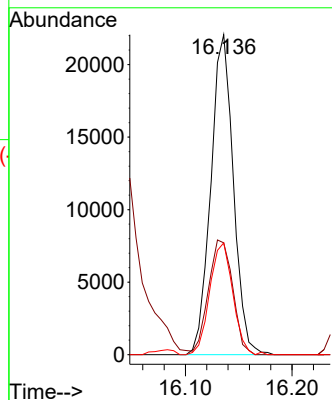
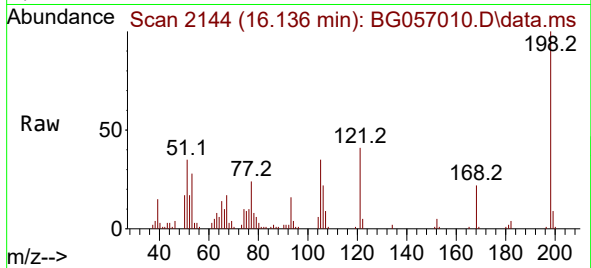




#65
4,6-Dinitro-2-methylphenol
Concen: 45.298 ng
RT: 16.136 min Scan# 2144
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

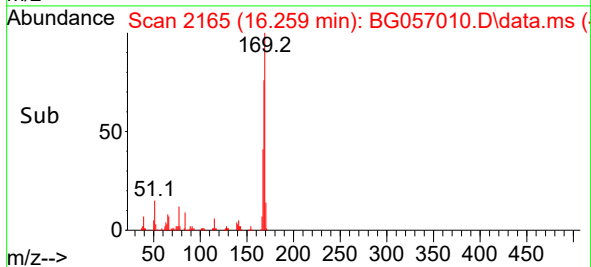
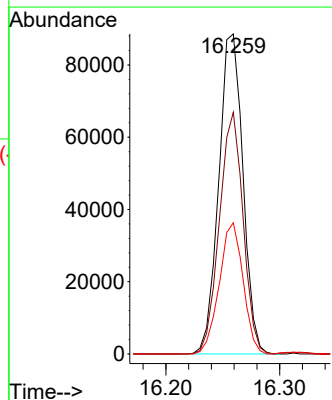
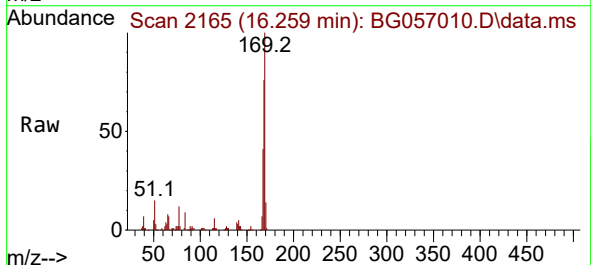
Instrument :
BNA_G
ClientSampleId :
PB151924BS

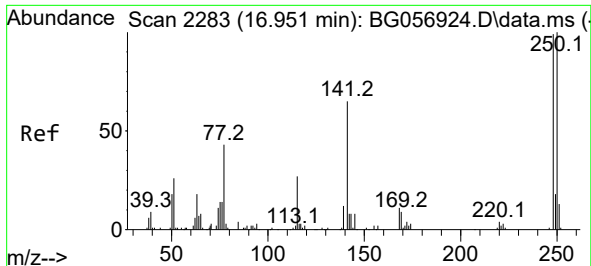
Tgt Ion:198 Resp: 32391
Ion Ratio Lower Upper
198 100
51 34.9 20.5 60.5
105 34.9 18.1 58.1



#66
n-Nitrosodiphenylamine
Concen: 41.318 ng
RT: 16.259 min Scan# 2165
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:169 Resp: 130954
Ion Ratio Lower Upper
169 100
168 75.5 59.6 89.4
167 41.0 31.8 47.8

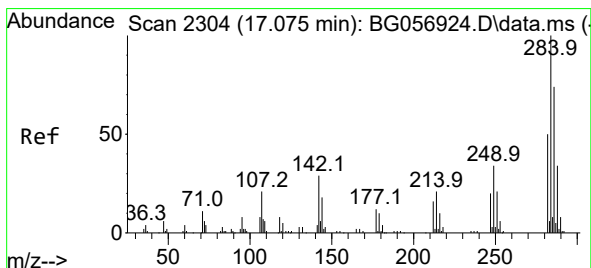
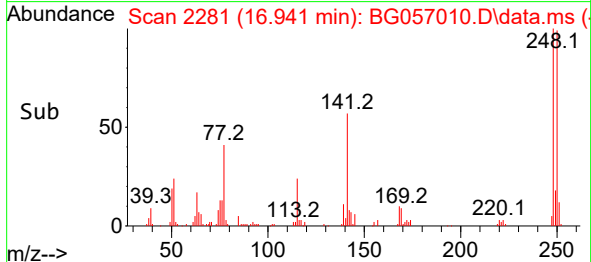
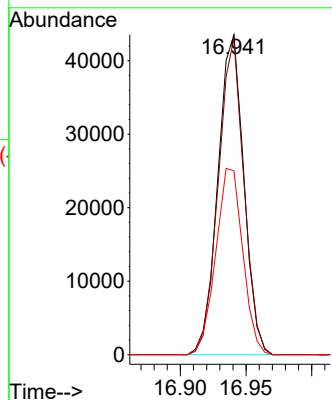
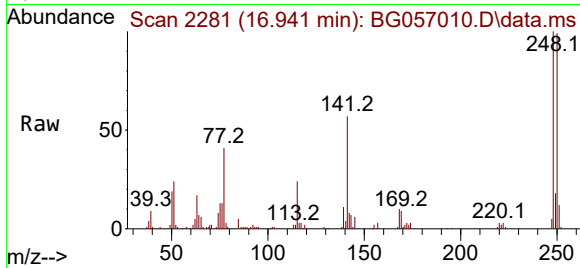




#67
4-Bromophenyl-phenylether
Concen: 40.885 ng
RT: 16.941 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

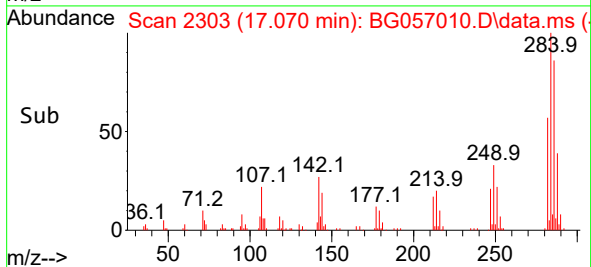
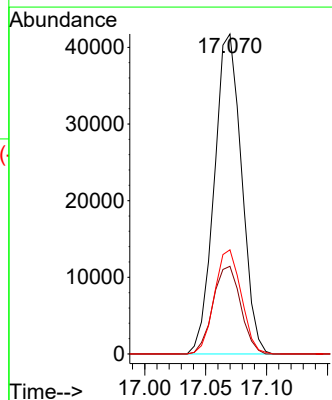
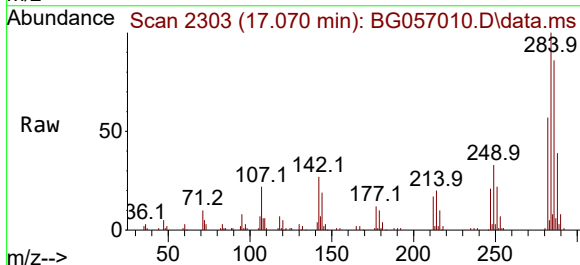
Instrument :
BNA_G
ClientSampleId :
PB151924BS

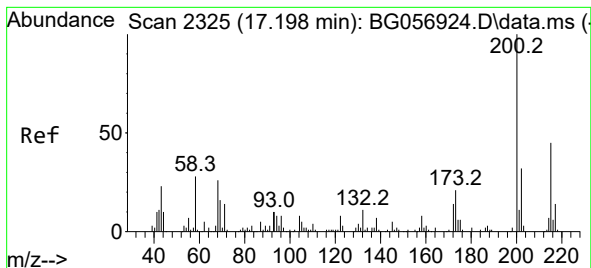
Tgt Ion:248 Resp: 59728
Ion Ratio Lower Upper
248 100
250 98.9 80.5 120.7
141 57.4 52.0 78.0



#68
Hexachlorobenzene
Concen: 45.001 ng
RT: 17.070 min Scan# 2303
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:284 Resp: 64995
Ion Ratio Lower Upper
284 100
142 27.4 23.0 34.4
249 32.5 27.1 40.7





#69

Atrazine

Concen: 44.133 ng

RT: 17.187 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

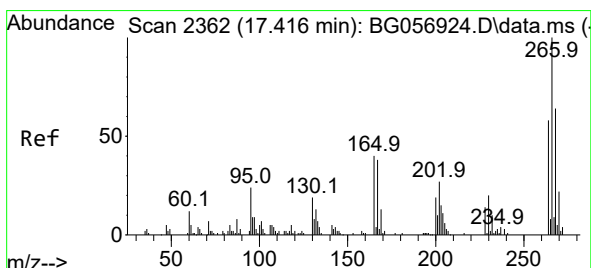
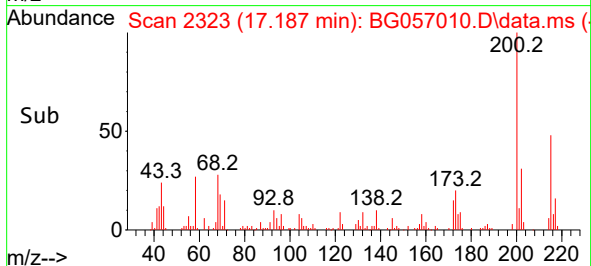
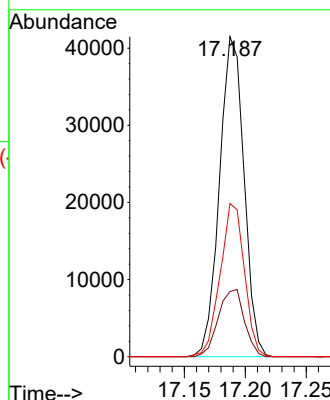
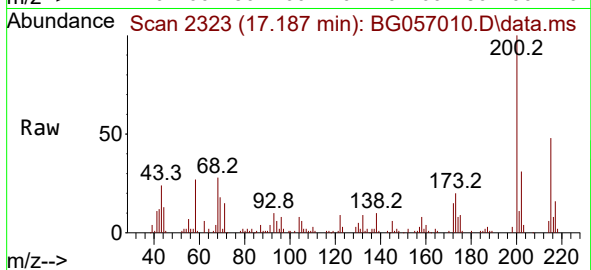
Tgt Ion:200 Resp: 58063

Ion Ratio Lower Upper

200 100

173 20.3 1.0 41.0

215 47.8 25.0 65.0



#70

Pentachlorophenol

Concen: 74.027 ng

RT: 17.411 min Scan# 2361

Delta R.T. 0.004 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

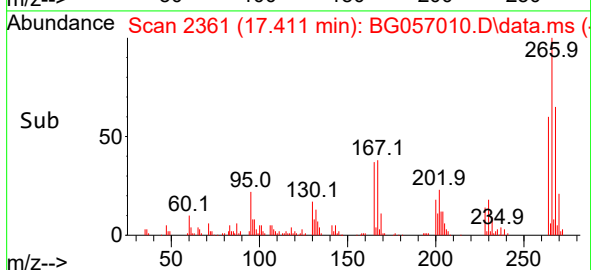
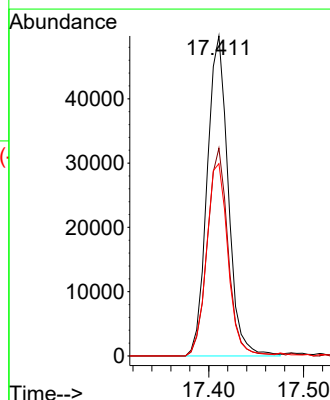
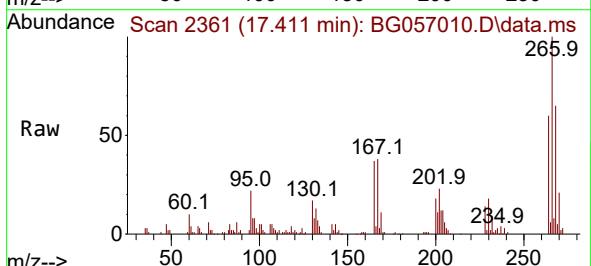
Tgt Ion:266 Resp: 76704

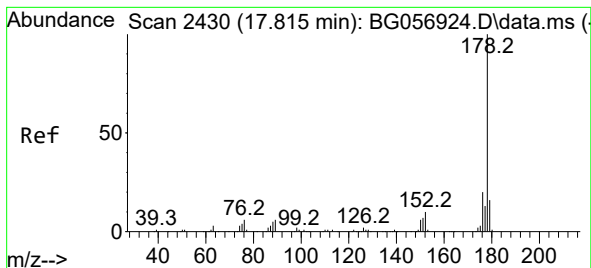
Ion Ratio Lower Upper

266 100

268 64.9 51.0 76.6

264 60.1 46.8 70.2





#71

Phenanthrene

Concen: 41.253 ng

RT: 17.810 min Scan# 24

Delta R.T. 0.004 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

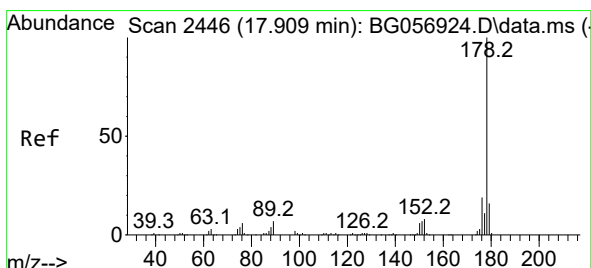
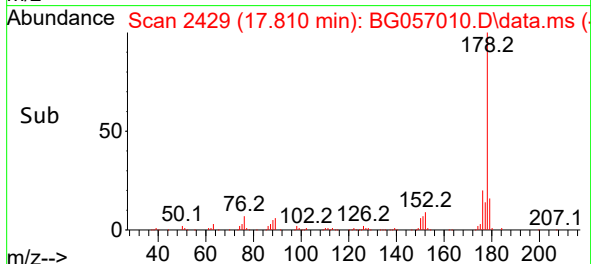
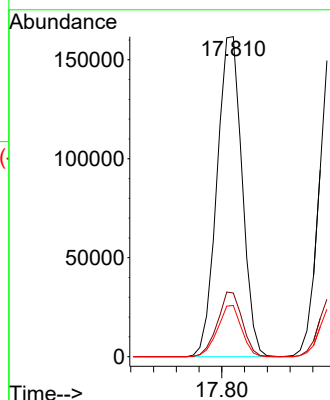
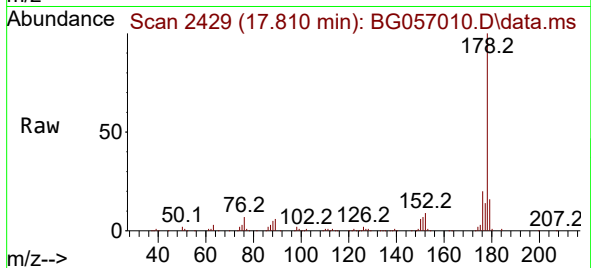
Tgt Ion:178 Resp: 248326

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

179 16.0 12.5 18.7



#72

Anthracene

Concen: 40.936 ng

RT: 17.898 min Scan# 2444

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

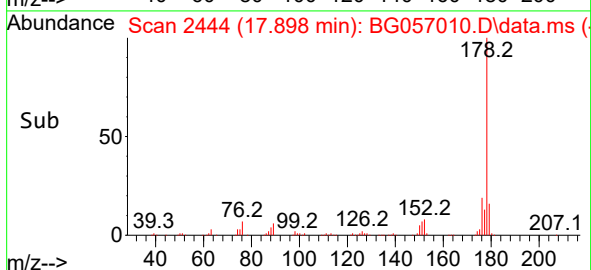
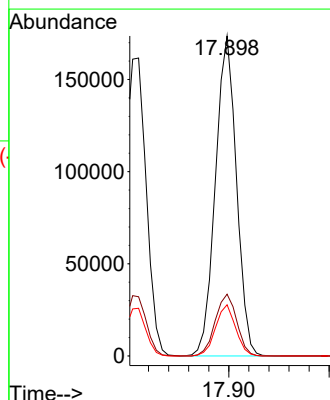
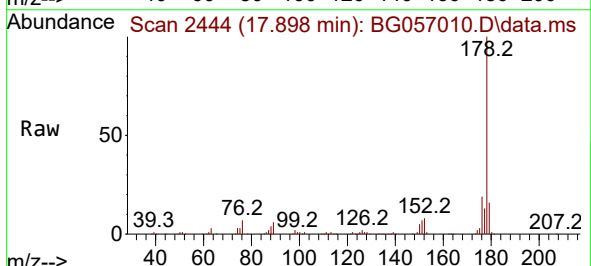
Tgt Ion:178 Resp: 252611

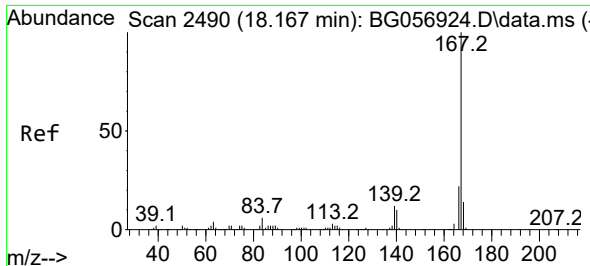
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 16.0 12.4 18.6

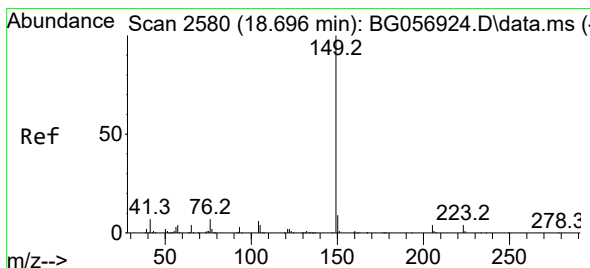
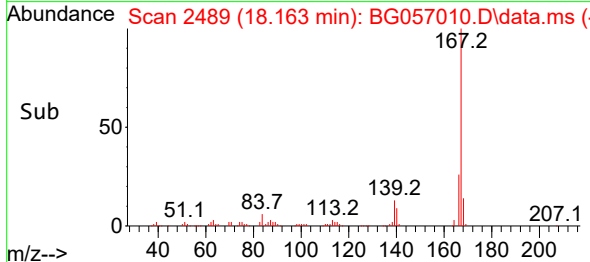
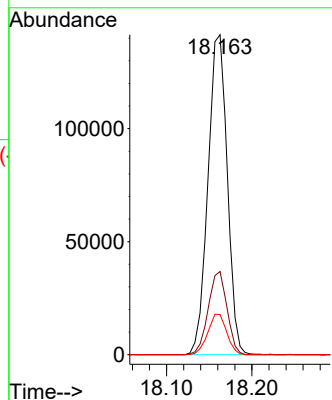
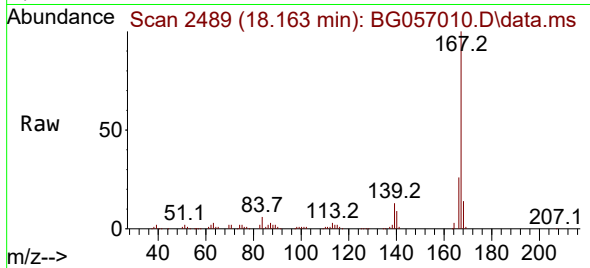




#73
Carbazole
Concen: 41.266 ng
RT: 18.163 min Scan# 24
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

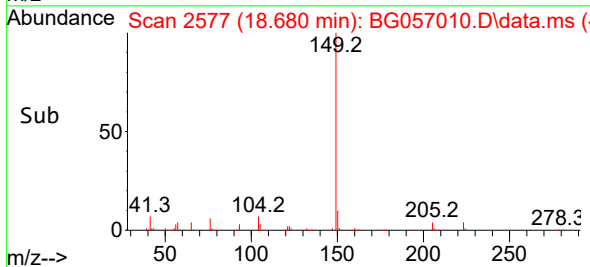
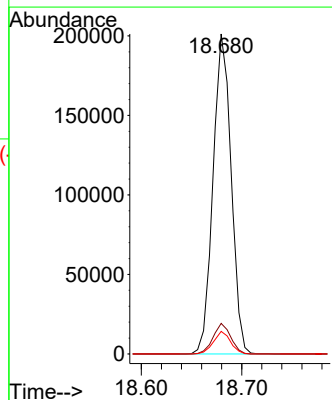
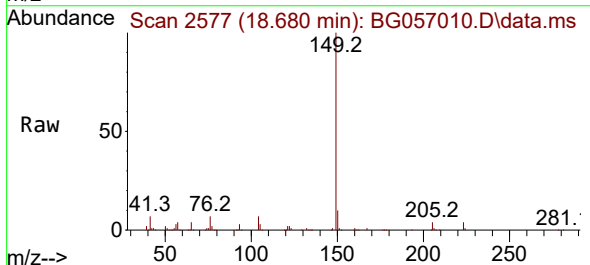
Instrument :
BNA_G
ClientSampleId :
PB151924BS

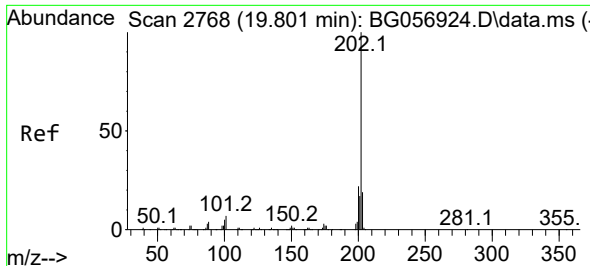
Tgt Ion:167 Resp: 222021
Ion Ratio Lower Upper
167 100
166 26.0 17.9 26.9
139 12.6 9.5 14.3



#74
Di-n-butylphthalate
Concen: 40.468 ng
RT: 18.680 min Scan# 2577
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:149 Resp: 252124
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.0
104 7.0 4.9 7.3

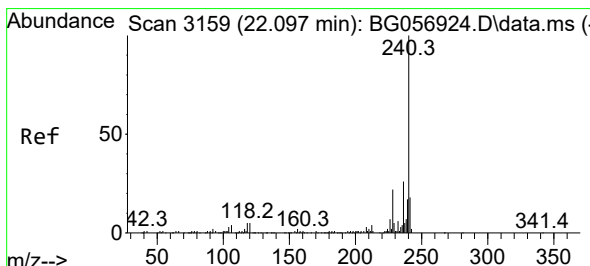
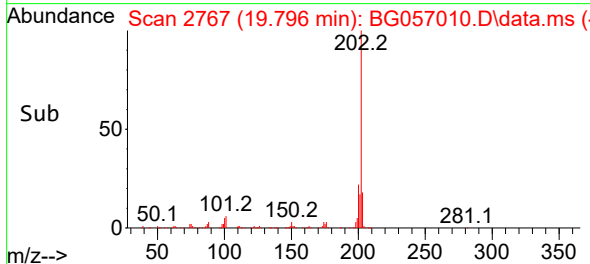
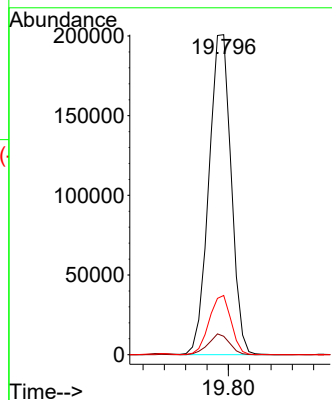
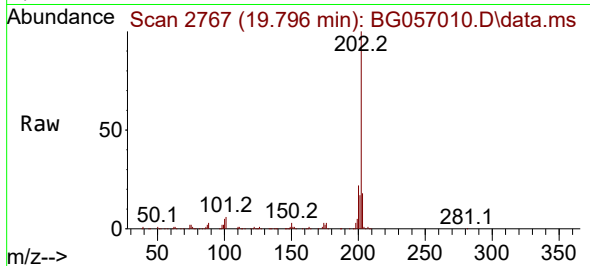




#75
Fluoranthene
Concen: 38.160 ng
RT: 19.796 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

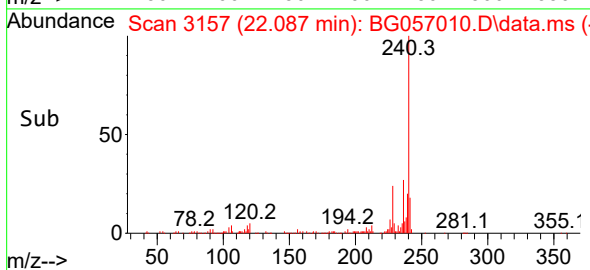
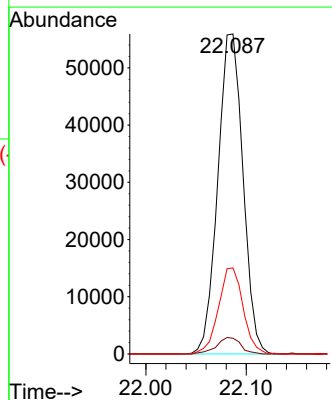
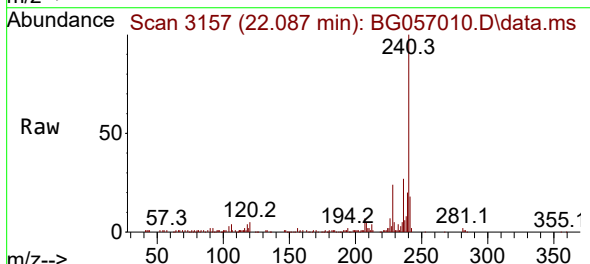
Instrument :
BNA_G
ClientSampleId :
PB151924BS

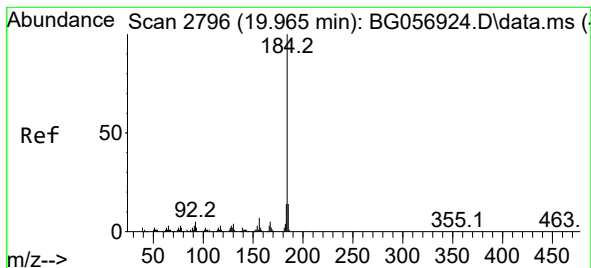
Tgt Ion:202 Resp: 291187
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.7
203 18.5 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.087 min Scan# 3157
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:240 Resp: 97191
Ion Ratio Lower Upper
240 100
120 4.9 3.8 5.6
236 26.9 21.0 31.6





#77

Benzidine

Concen: 55.190 ng

RT: 19.954 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

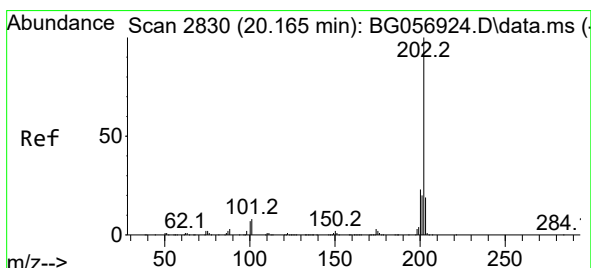
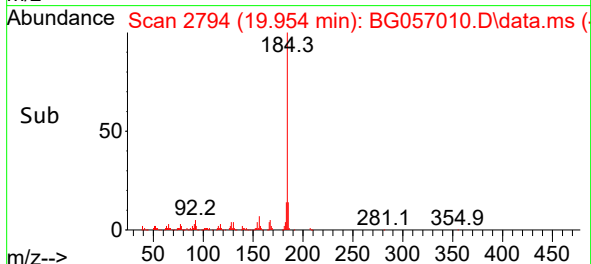
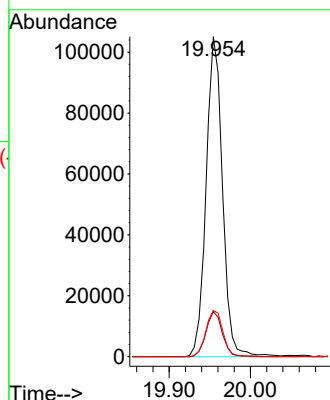
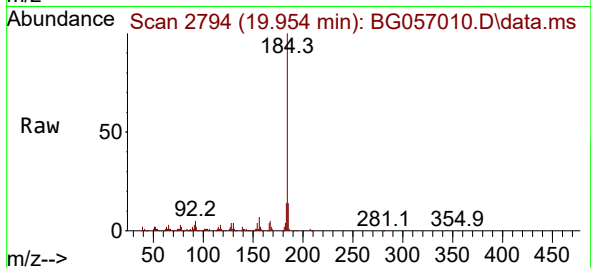
Tgt Ion:184 Resp: 146614

Ion Ratio Lower Upper

184 100

185 14.1 11.0 16.4

183 14.4 11.4 17.0



#78

Pyrene

Concen: 42.919 ng

RT: 20.154 min Scan# 2828

Delta R.T. 0.004 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

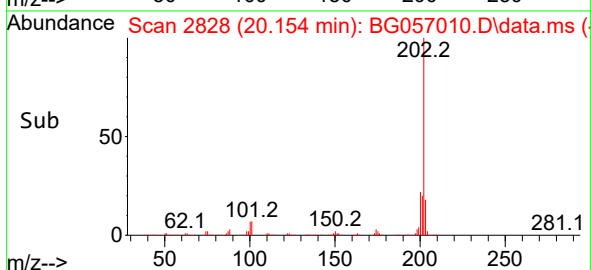
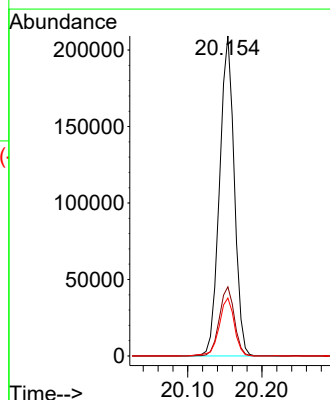
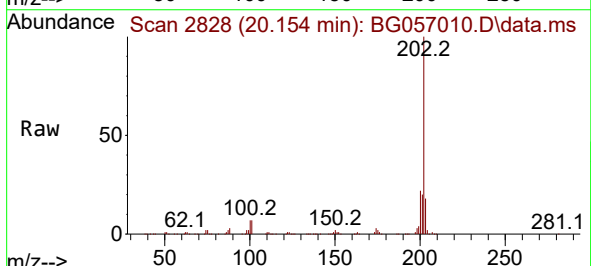
Tgt Ion:202 Resp: 288514

Ion Ratio Lower Upper

202 100

200 21.6 18.7 28.1

203 18.1 15.4 23.2

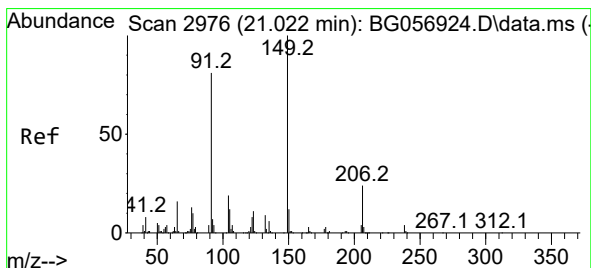
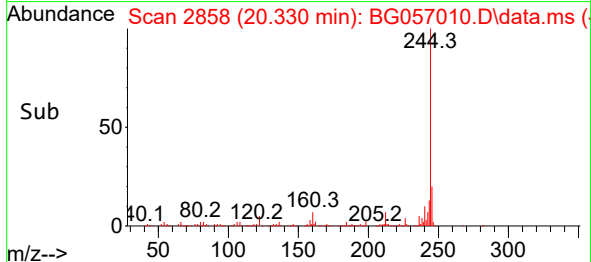
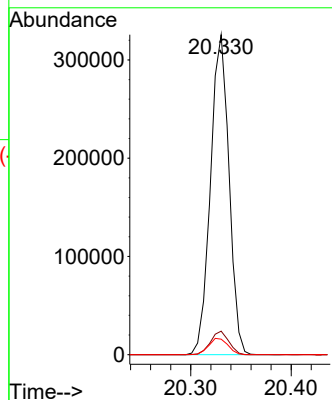
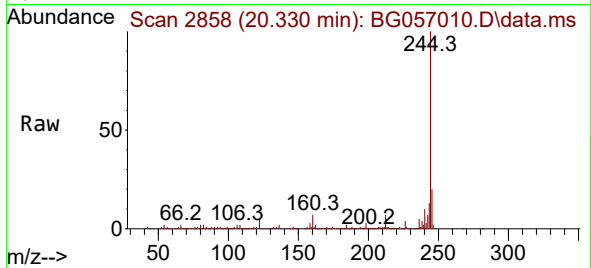




#79
 Terphenyl-d14
 Concen: 72.773 ng
 RT: 20.330 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057010.D
 Acq: 6 Apr 2023 13:20

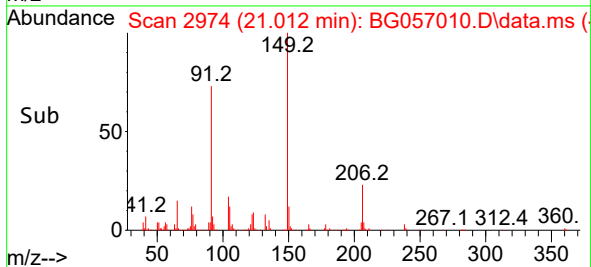
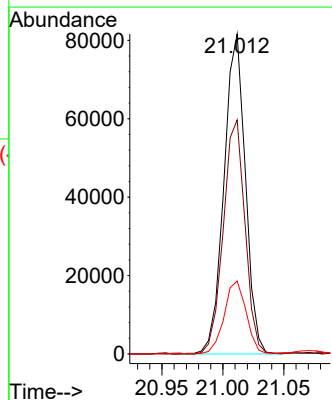
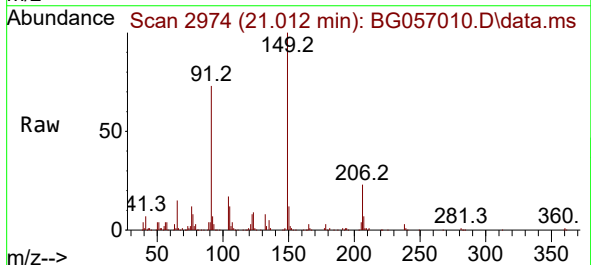
Instrument :
 BNA_G
 ClientSampleId :
 PB151924BS

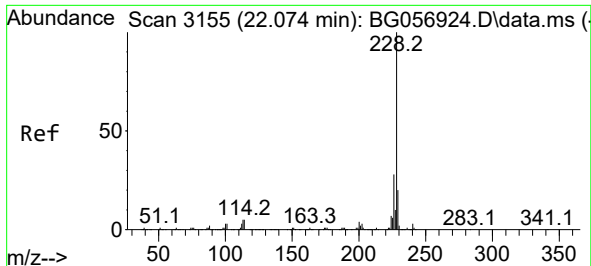
Tgt Ion:244 Resp: 417981
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 4.9 5.0 7.4#



#80
 Butylbenzylphthalate
 Concen: 43.165 ng
 RT: 21.012 min Scan# 2974
 Delta R.T. 0.004 min
 Lab File: BG057010.D
 Acq: 6 Apr 2023 13:20

Tgt Ion:149 Resp: 99852
 Ion Ratio Lower Upper
 149 100
 91 73.1 64.4 96.6
 206 22.8 18.9 28.3

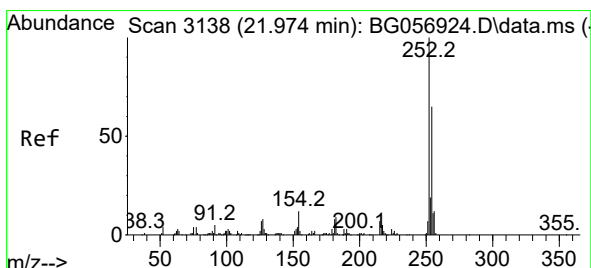
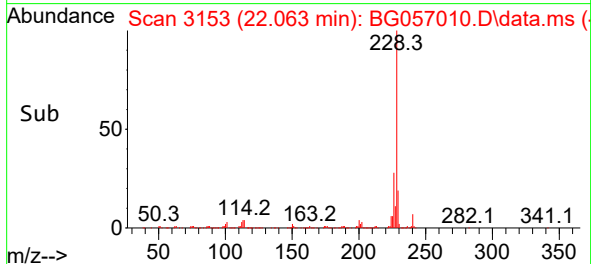
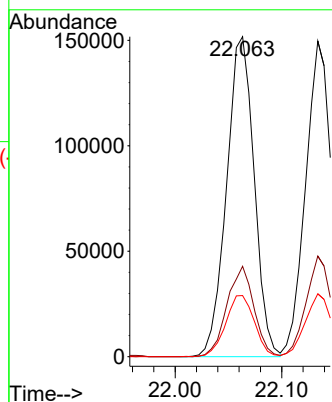
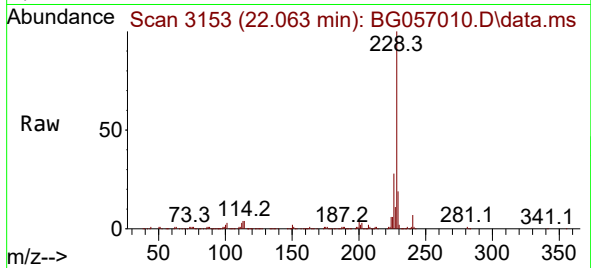




#81
Benzo(a)anthracene
Concen: 40.604 ng
RT: 22.063 min Scan# 3155
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

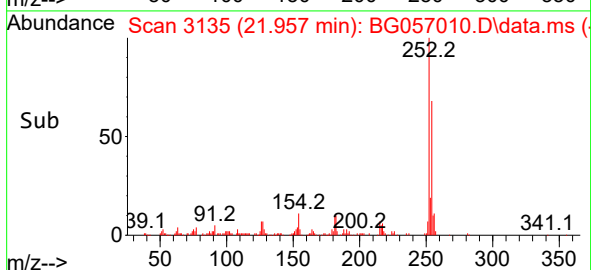
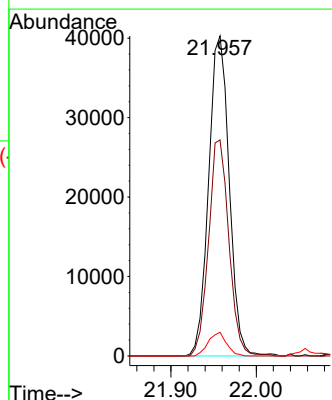
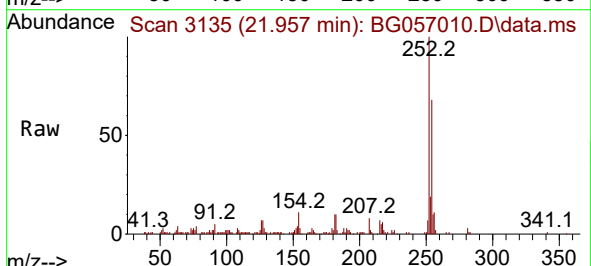
Instrument :
BNA_G
ClientSampleId :
PB151924BS

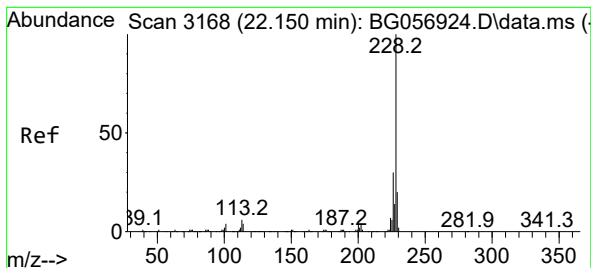
Tgt Ion:228 Resp: 273084
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 19.1 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 29.787 ng
RT: 21.957 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:252 Resp: 67650
Ion Ratio Lower Upper
252 100
254 67.5 51.7 77.5
126 7.4 5.6 8.4





#83

Chrysene

Concen: 40.359 ng

RT: 22.134 min Scan# 3165

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

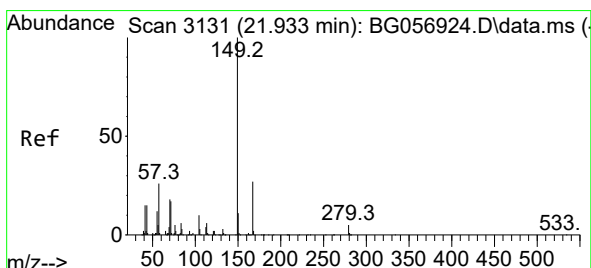
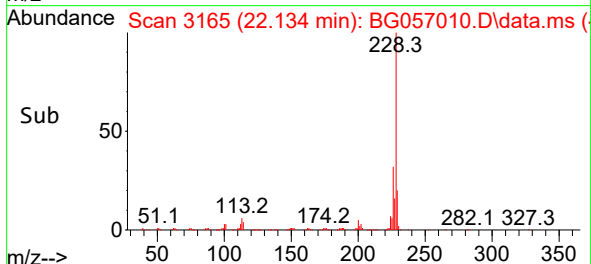
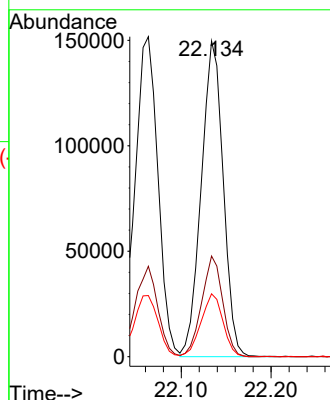
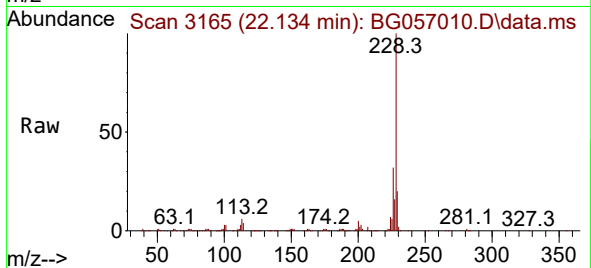
Tgt Ion:228 Resp: 254150

Ion Ratio Lower Upper

228 100

226 31.9 24.1 36.1

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.575 ng

RT: 21.910 min Scan# 3127

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

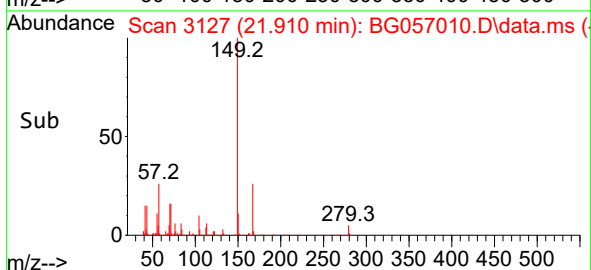
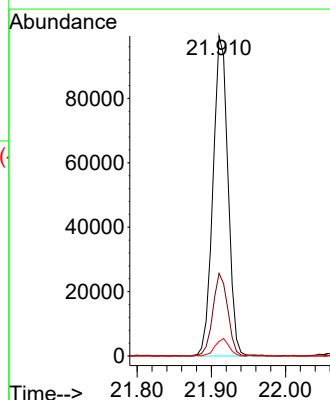
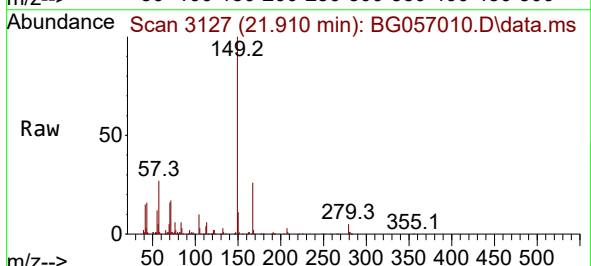
Tgt Ion:149 Resp: 139263

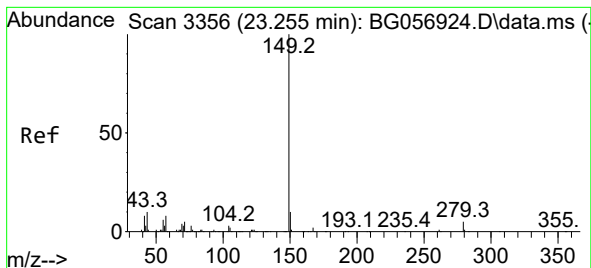
Ion Ratio Lower Upper

149 100

167 25.8 21.4 32.2

279 4.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 41.209 ng

RT: 23.232 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

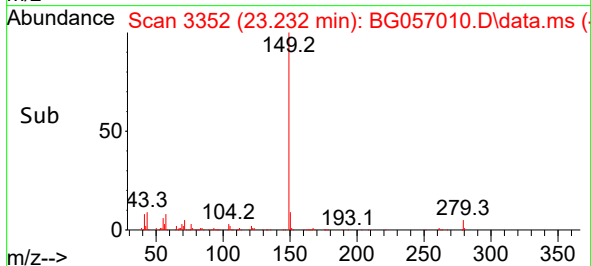
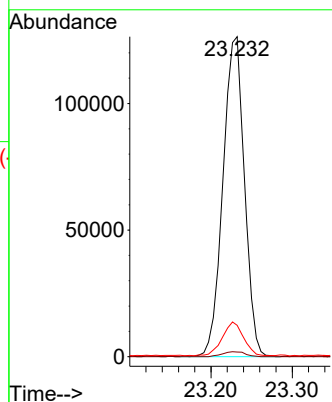
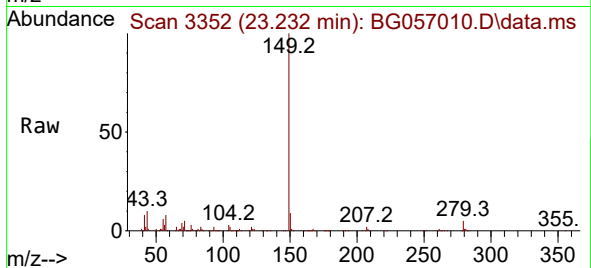
Tgt Ion:149 Resp: 232614

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.3 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.623 min Scan# 3759

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

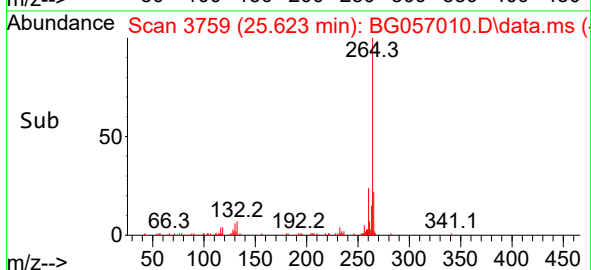
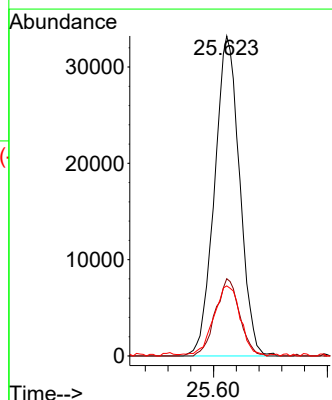
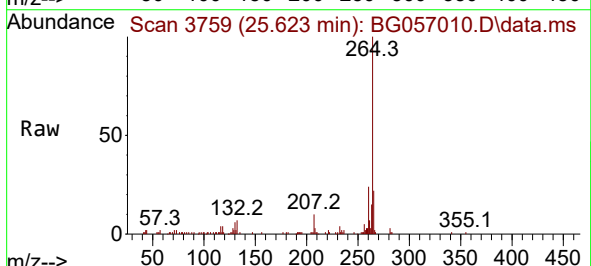
Tgt Ion:264 Resp: 101479

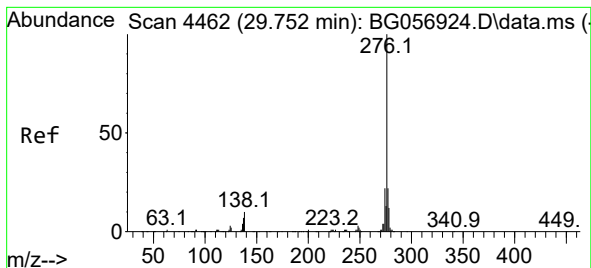
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 21.9 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.704 ng

RT: 29.712 min Scan# 4462

Delta R.T. -0.014 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

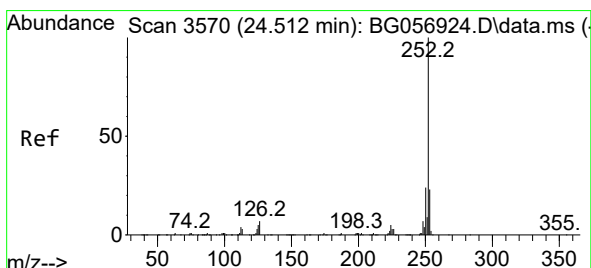
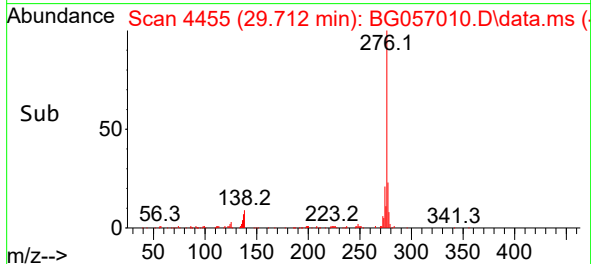
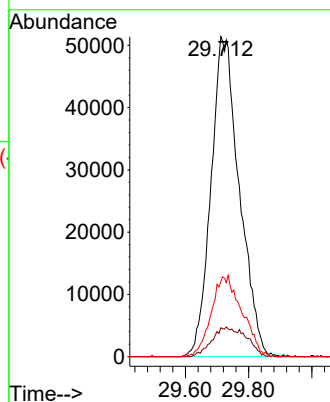
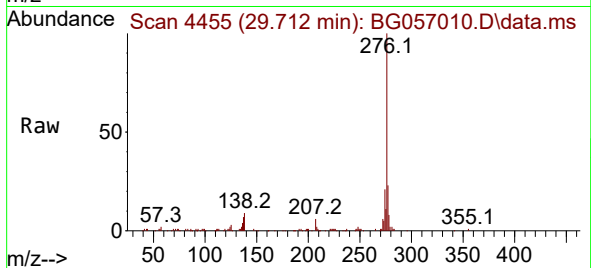
Tgt Ion:276 Resp: 320270

Ion Ratio Lower Upper

276 100

138 0.0 7.7 11.5#

277 0.0 21.0 31.4#



#88

Benzo(b)fluoranthene

Concen: 43.784 ng

RT: 24.489 min Scan# 3566

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

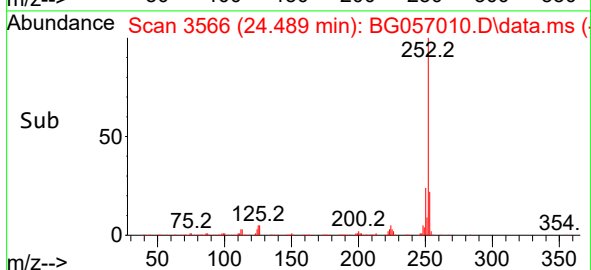
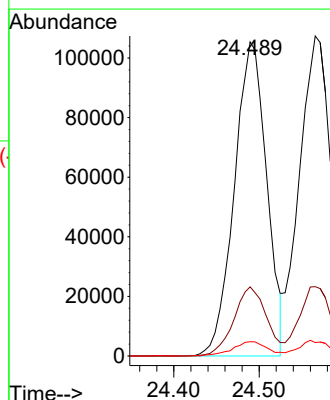
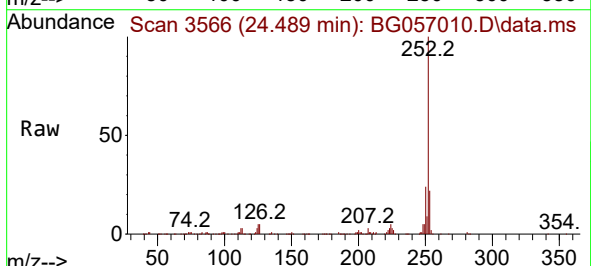
Tgt Ion:252 Resp: 277846

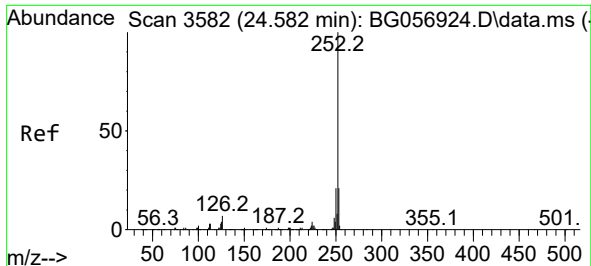
Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

125 4.5 4.2 6.4

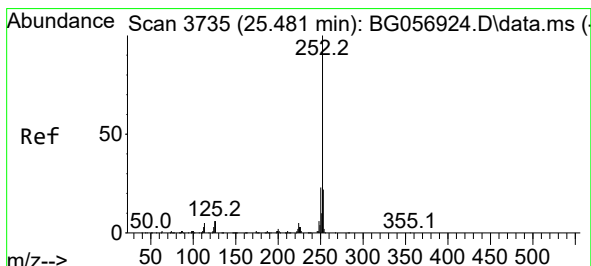
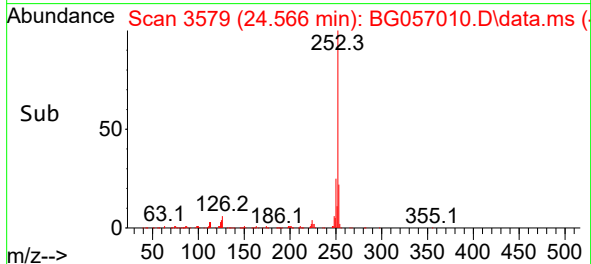
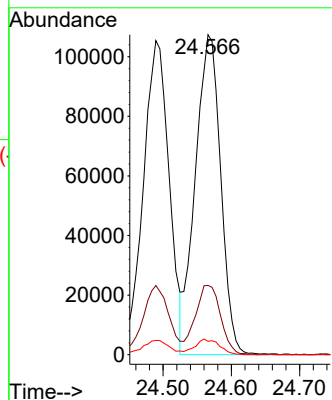
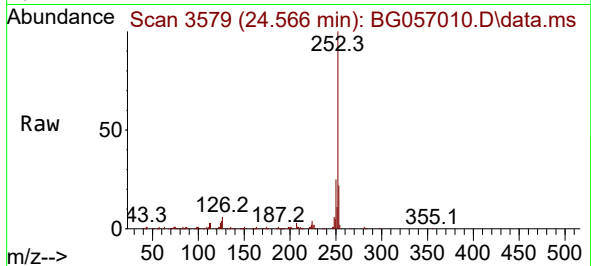




#89
Benzo(k)fluoranthene
Concen: 43.928 ng
RT: 24.566 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

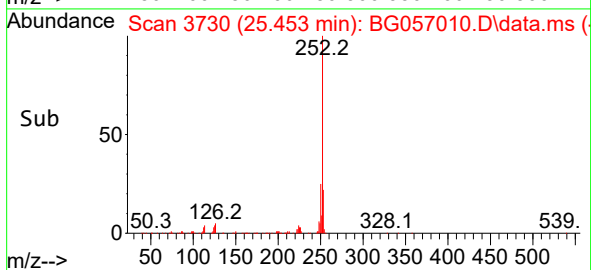
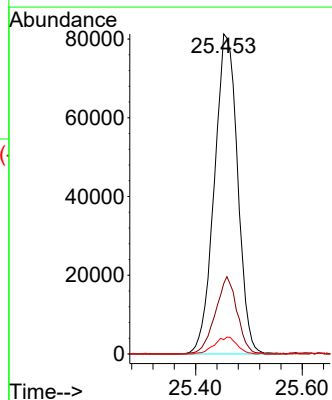
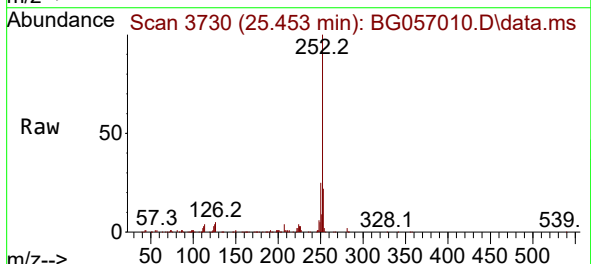
Instrument :
BNA_G
ClientSampleId :
PB151924BS

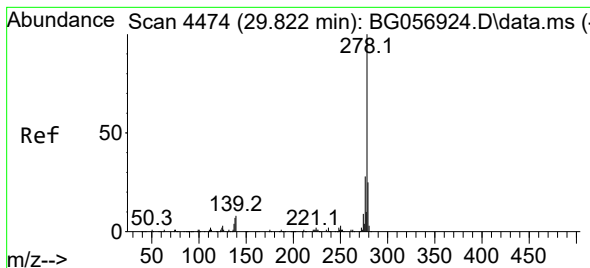
Tgt Ion:252 Resp: 278289
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 4.2 3.8 5.6



#90
Benzo(a)pyrene
Concen: 39.411 ng
RT: 25.453 min Scan# 3730
Delta R.T. -0.008 min
Lab File: BG057010.D
Acq: 6 Apr 2023 13:20

Tgt Ion:252 Resp: 245758
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 4.4 4.5 6.7#





#91

Dibenzo(a,h)anthracene

Concen: 44.462 ng

RT: 29.788 min Scan# 44

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Instrument :

BNA_G

ClientSampleId :

PB151924BS

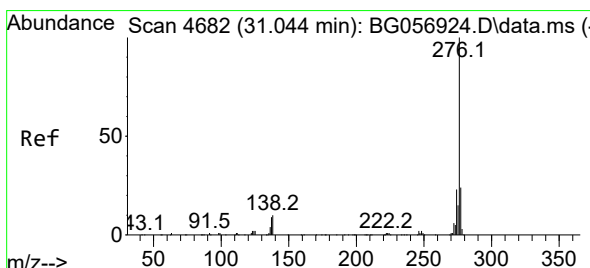
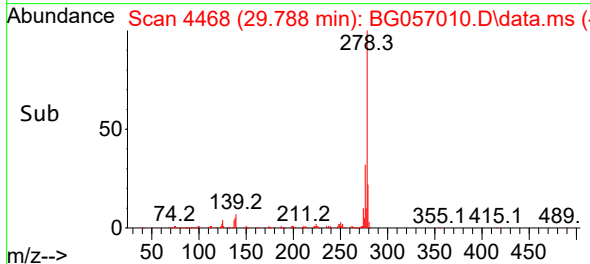
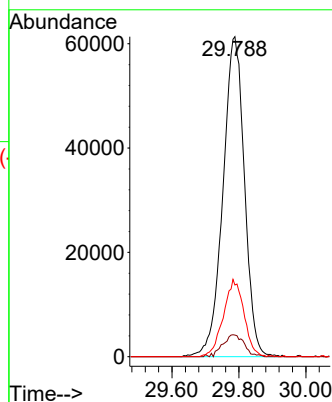
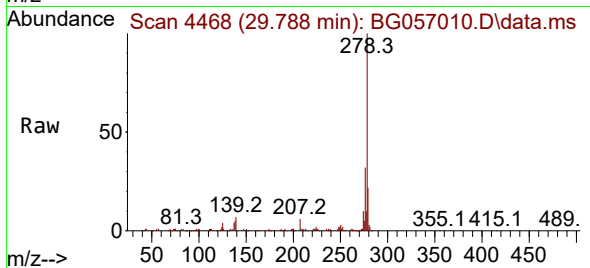
Tgt Ion:278 Resp: 274094

Ion Ratio Lower Upper

278 100

139 6.8 6.4 9.6

279 22.4 20.2 30.2



#92

Benzo(g,h,i)perylene

Concen: 42.306 ng

RT: 31.010 min Scan# 4676

Delta R.T. -0.002 min

Lab File: BG057010.D

Acq: 6 Apr 2023 13:20

Tgt Ion:276 Resp: 255378

Ion Ratio Lower Upper

276 100

277 22.0 19.1 28.7

138 10.8 8.2 12.2

