

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052423\
 Data File : BG057542.D
 Acq On : 24 May 2023 20:16
 Operator : CG/JU
 Sample : 02899-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB08MS

Quant Time: May 25 02:26:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 02:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	18839	20.000	ng	-0.01
21) Naphthalene-d8	11.198	136	71475	20.000	ng	0.00
39) Acenaphthene-d10	14.976	164	50258	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	130936	20.000	ng	-0.01
76) Chrysene-d12	22.019	240	127111	20.000	ng	-0.02
86) Perylene-d12	25.520	264	137429	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	110588	100.416	ng	0.00
7) Phenol-d6	7.503	99	158105	94.539	ng	0.00
23) Nitrobenzene-d5	9.536	82	96517	56.676	ng	-0.01
42) 2,4,6-Tribromophenol	16.456	330	77000	107.978	ng	-0.01
45) 2-Fluorobiphenyl	13.595	172	227658	61.007	ng	-0.01
79) Terphenyl-d14	20.274	244	471106	60.483	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.667	88	20925	45.953	ng	99
3) Pyridine	4.096	79	57543	39.322	ng	94
4) n-Nitrosodimethylamine	4.002	42	28789	41.863	ng	89
6) Aniline	7.668	93	73305	34.553	ng	94
8) 2-Chlorophenol	7.921	128	61696	53.016	ng	97
9) Benzaldehyde	7.480	77	43085	50.393	ng	96
10) Phenol	7.533	94	83709	51.347	ng	95
11) bis(2-Chloroethyl)ether	7.756	93	58398	47.504	ng	99
12) 1,3-Dichlorobenzene	8.244	146	69466	54.085	ng	97
13) 1,4-Dichlorobenzene	8.390	146	69910	54.188	ng	96
14) 1,2-Dichlorobenzene	8.719	146	68546	55.037	ng	96
15) Benzyl Alcohol	8.596	79	64882	46.570	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.872	45	72003	46.471	ng	96
17) 2-Methylphenol	8.802	107	55876	47.547	ng	98
18) Hexachloroethane	9.454	117	25216	54.161	ng	96
19) n-Nitroso-di-n-propyla...	9.160	70	52008	40.784	ng	96
20) 3+4-Methylphenols	9.131	107	77183	47.965	ng	95
22) Acetophenone	9.189	105	99039	48.413	ng	# 96
24) Nitrobenzene	9.583	77	78108	45.442	ng	97
25) Isophorone	10.100	82	137001	41.487	ng	99
26) 2-Nitrophenol	10.300	139	36144	54.936	ng	90
27) 2,4-Dimethylphenol	10.341	122	61318	53.225	ng	97
28) bis(2-Chloroethoxy)met...	10.570	93	76290	46.115	ng	98
29) 2,4-Dichlorophenol	10.840	162	65745	53.806	ng	95
30) 1,2,4-Trichlorobenzene	11.052	180	71464	50.707	ng	98
31) Naphthalene	11.245	128	190154	49.764	ng	99
32) Benzoic acid	10.499	122	35265	52.584	ng	92
33) 4-Chloroaniline	11.351	127	56461	32.903	ng	98
34) Hexachlorobutadiene	11.516	225	51381	49.133	ng	97
35) Caprolactam	12.127	113	13862	33.211	ng	96
36) 4-Chloro-3-methylphenol	12.456	107	70591	50.837	ng	97
37) 2-Methylnaphthalene	12.826	142	137612	45.804	ng	97
38) 1-Methylnaphthalene	13.043	142	128793	45.482	ng	99
40) 1,2,4,5-Tetrachloroben...	13.184	216	94617	53.030	ng	99
41) Hexachlorocyclopentadiene	13.155	237	72956	84.670	ng	100
43) 2,4,6-Trichlorophenol	13.425	196	59446	54.688	ng	99

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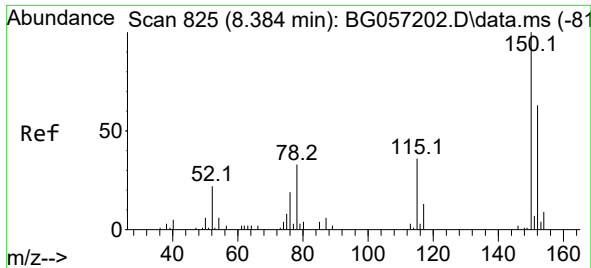
Quant Time: May 25 02:26:43 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	65447	51.185	ng	98
46) 1,1'-Biphenyl	13.807	154	192547	51.630	ng	98
47) 2-Chloronaphthalene	13.865	162	148498	53.547	ng	98
48) 2-Nitroaniline	14.059	65	47115	49.966	ng	94
49) Acenaphthylene	14.700	152	230374	51.133	ng	99
50) Dimethylphthalate	14.412	163	190777	46.193	ng	99
51) 2,6-Dinitrotoluene	14.541	165	43171	51.197	ng	88
52) Acenaphthene	15.034	154	141553	50.279	ng	99
53) 3-Nitroaniline	14.876	138	31745	37.578	ng	89
54) 2,4-Dinitrophenol	15.093	184	61811	116.008	ng	94
55) Dibenzofuran	15.369	168	235179	49.717	ng	98
56) 4-Nitrophenol	15.187	139	67431	120.016	ng	89
57) 2,4-Dinitrotoluene	15.334	165	64182	53.258	ng	91
58) Fluorene	16.015	166	194725	49.976	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	61484	53.039	ng	99
60) Diethylphthalate	15.757	149	196851	46.935	ng	97
61) 4-Chlorophenyl-phenyle...	15.992	204	112239	47.817	ng	97
62) 4-Nitroaniline	16.039	138	46164	54.169	ng	89
63) Azobenzene	16.286	77	194135	47.973	ng	95
65) 4,6-Dinitro-2-methylph...	16.098	198	46193	59.090	ng	99
66) n-Nitrosodiphenylamine	16.203	169	172782	48.586	ng	100
67) 4-Bromophenyl-phenylether	16.885	248	76214	47.681	ng	99
68) Hexachlorobenzene	17.020	284	82043	52.819	ng	97
69) Atrazine	17.137	200	83930	61.869	ng	96
70) Pentachlorophenol	17.367	266	87763	98.039	ng	97
71) Phenanthrene	17.754	178	341758	50.937	ng	99
72) Anthracene	17.848	178	342950	49.815	ng	98
73) Carbazole	18.113	167	322032	55.563	ng	98
74) Di-n-butylphthalate	18.624	149	365056	54.745	ng	# 98
75) Fluoranthene	19.746	202	439528	52.671	ng	99
77) Benzidine	19.910	184	211595	74.459	ng	99
78) Pyrene	20.104	202	444589	48.133	ng	98
80) Butylbenzylphthalate	20.950	149	163874	55.916	ng	97
81) Benzo(a)anthracene	21.996	228	447529	49.417	ng	99
82) 3,3'-Dichlorobenzidine	21.896	252	113533	39.139	ng	98
83) Chrysene	22.072	228	407461	47.819	ng	99
84) Bis(2-ethylhexyl)phtha...	21.837	149	235125	54.224	ng	98
85) Di-n-octyl phthalate	23.129	149	395927	54.769	ng	97
87) Indeno(1,2,3-cd)pyrene	29.574	276	499851	49.905	ng	99
88) Benzo(b)fluoranthene	24.398	252	449516	50.037	ng	98
89) Benzo(k)fluoranthene	24.469	252	440928	48.300	ng	99
90) Benzo(a)pyrene	25.356	252	399385	45.505	ng	96
91) Dibenzo(a,h)anthracene	29.632	278	418199	50.136	ng	# 97
92) Benzo(g,h,i)perylene	30.848	276	404977	49.723	ng	98

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

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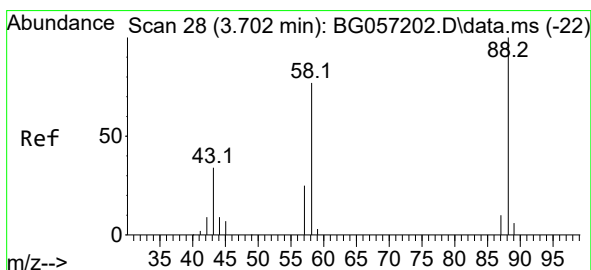
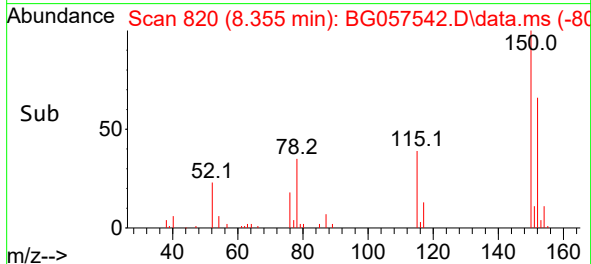
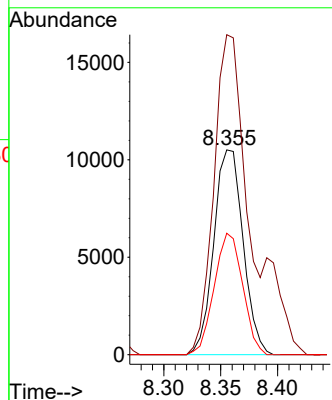
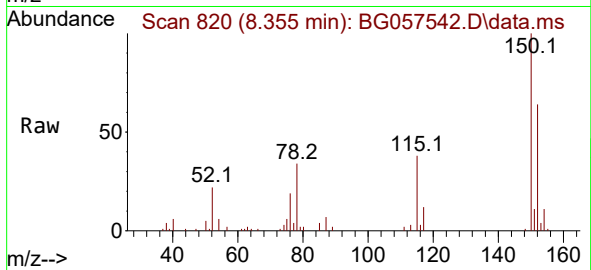




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.011 min
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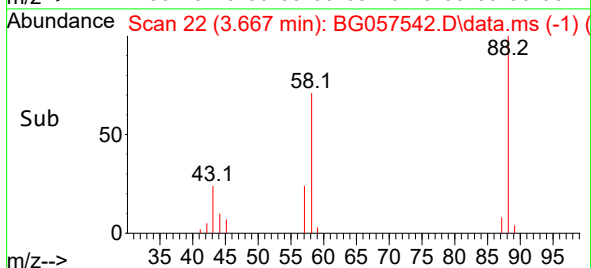
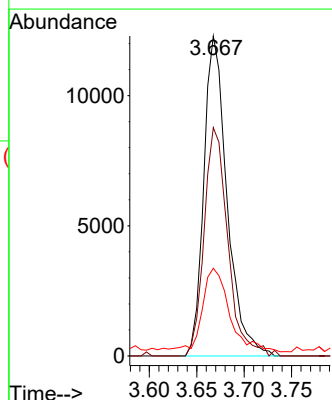
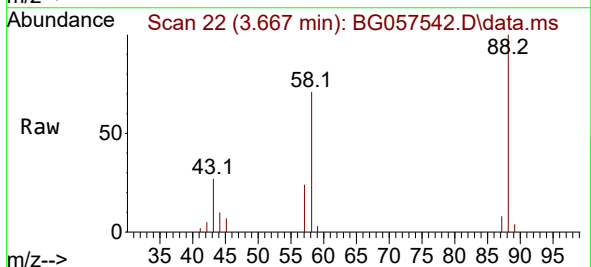
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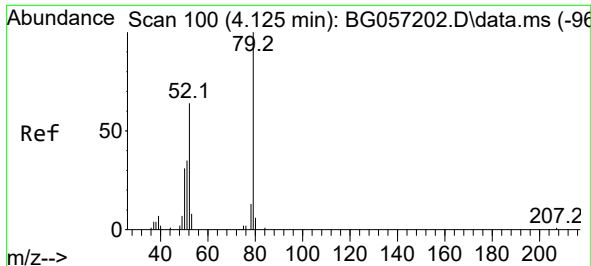
Tgt Ion:152 Resp: 18839
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.4
115 59.3 45.0 67.4



#2
1,4-Dioxane
Concen: 45.953 ng
RT: 3.667 min Scan# 22
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion: 88 Resp: 20925
Ion Ratio Lower Upper
88 100
58 72.8 57.1 85.7
43 30.5 24.4 36.6

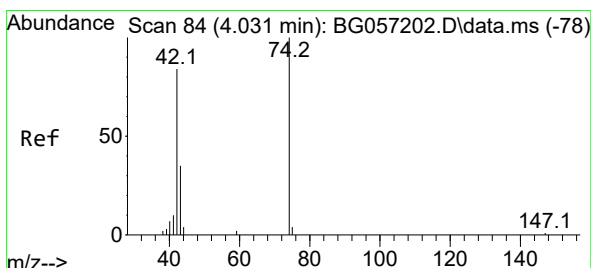
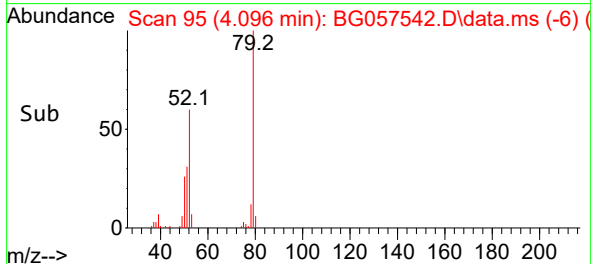
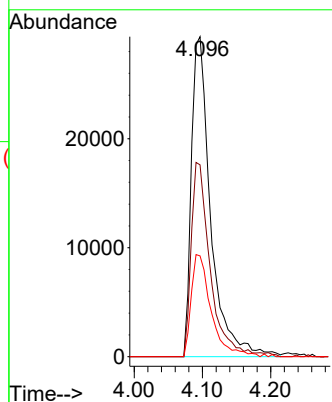
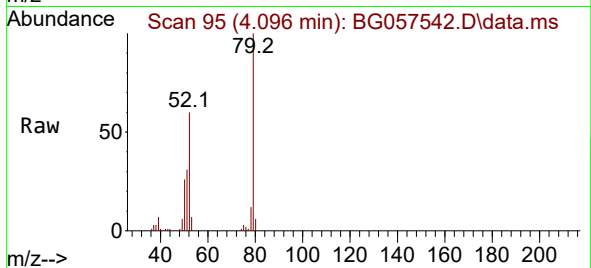




#3
Pyridine
Concen: 39.322 ng
RT: 4.096 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

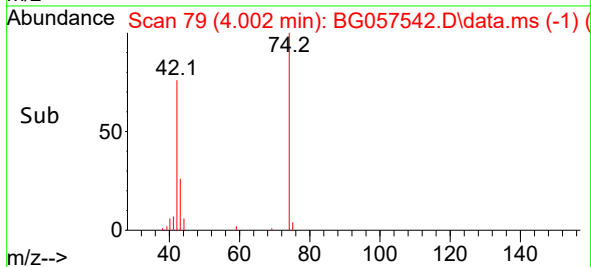
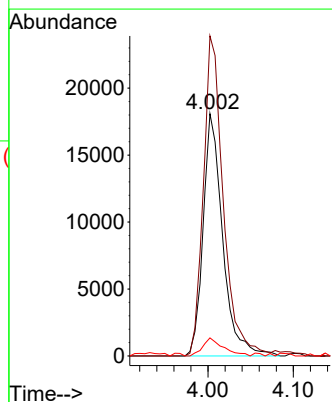
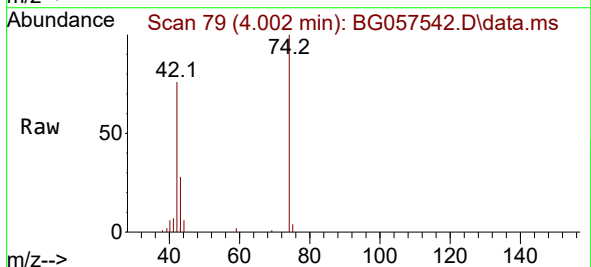
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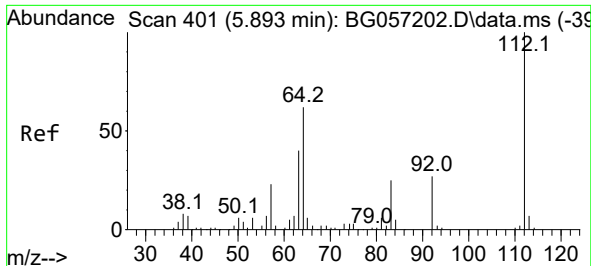
Tgt Ion: 79 Resp: 57543
Ion Ratio Lower Upper
79 100
52 59.9 51.4 77.0
51 31.5 28.0 42.0



#4
n-Nitrosodimethylamine
Concen: 41.863 ng
RT: 4.002 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion: 42 Resp: 28789
Ion Ratio Lower Upper
42 100
74 132.1 95.1 142.7
44 7.5 5.8 8.8

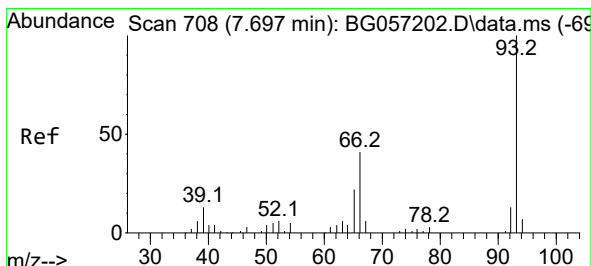
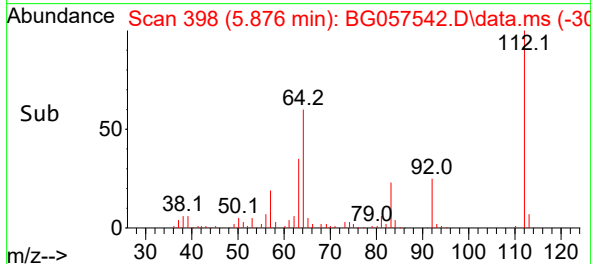
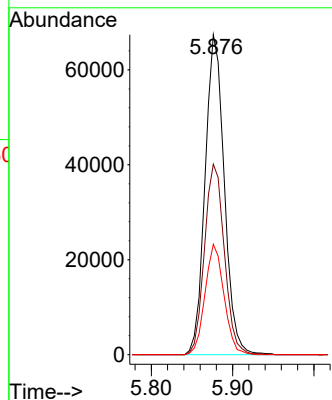
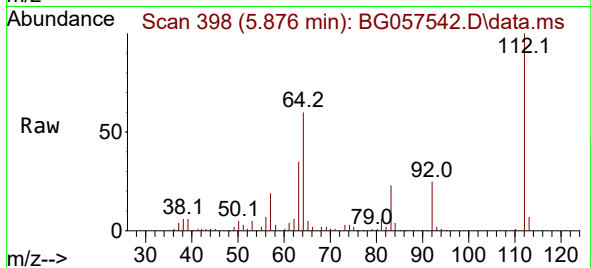




#5
2-Fluorophenol
Concen: 100.416 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.001 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

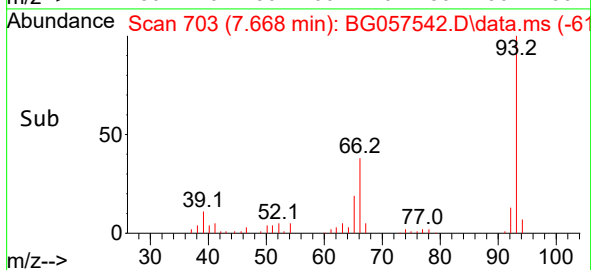
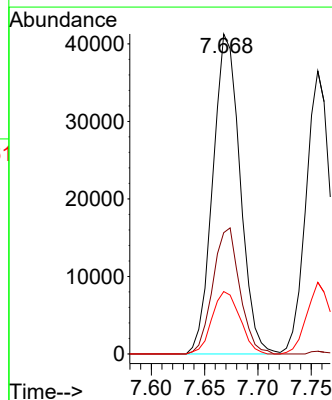
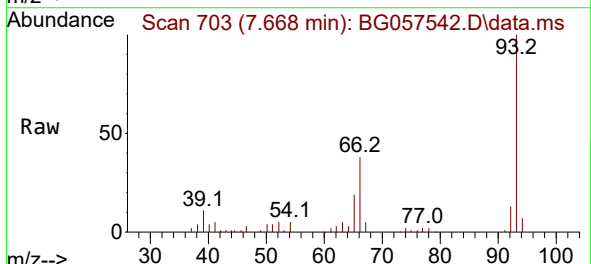
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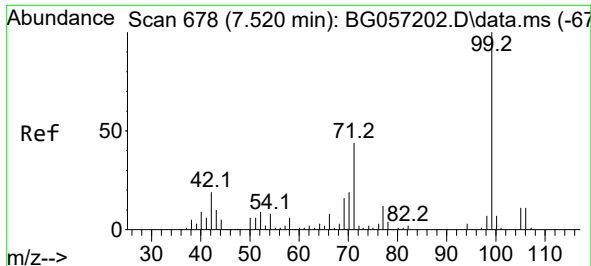
Tgt Ion:112 Resp: 110588
Ion Ratio Lower Upper
112 100
64 59.5 49.4 74.2
63 34.5 31.6 47.4



#6
Aniline
Concen: 34.553 ng
RT: 7.668 min Scan# 703
Delta R.T. -0.010 min
Lab File: BG057542.D
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Tgt Ion: 93 Resp: 73305
Ion Ratio Lower Upper
93 100
66 37.9 33.0 49.6
65 19.5 18.0 27.0

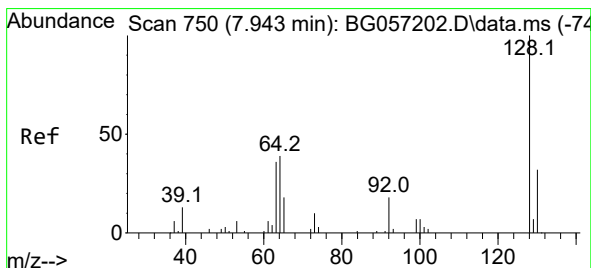
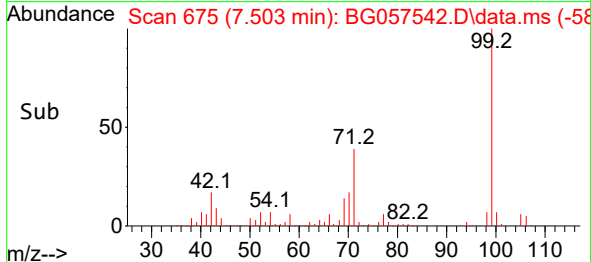
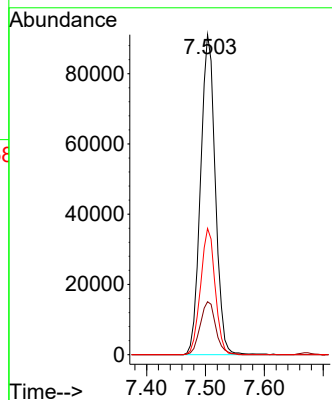
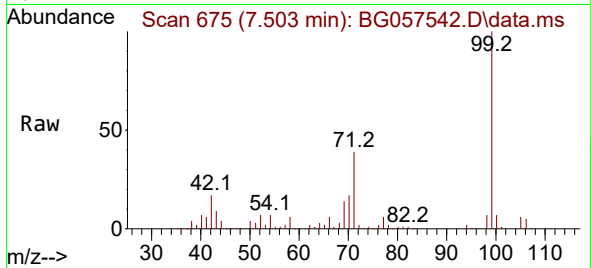




#7
Phenol-d6
Concen: 94.539 ng
RT: 7.503 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

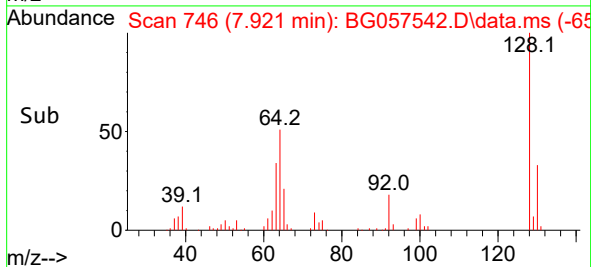
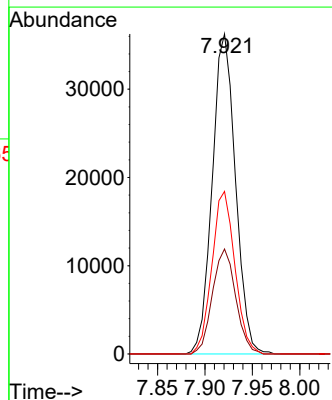
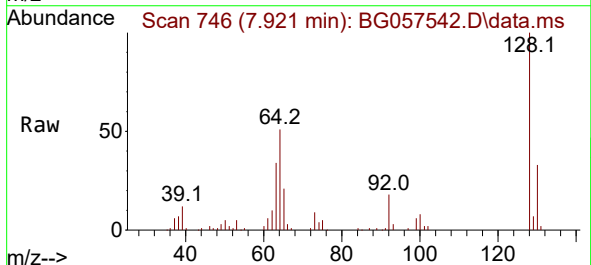
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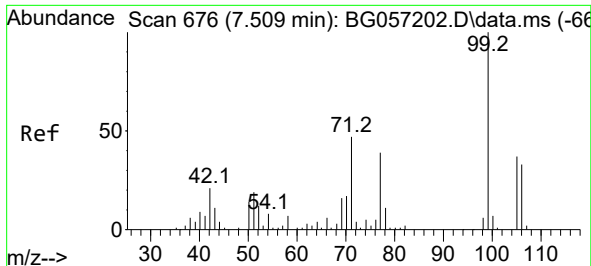
Tgt Ion: 99 Resp: 158105
Ion Ratio Lower Upper
99 100
42 16.5 15.1 22.7
71 39.4 35.2 52.8



#8
2-Chlorophenol
Concen: 53.016 ng
RT: 7.921 min Scan# 746
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion: 128 Resp: 61696
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 50.8 28.4 68.4

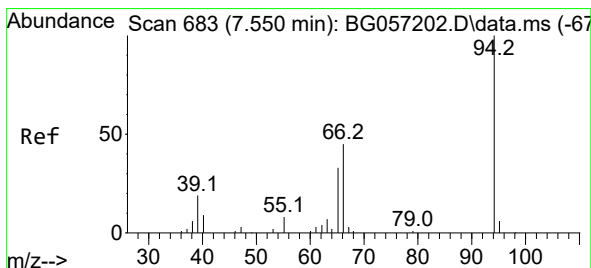
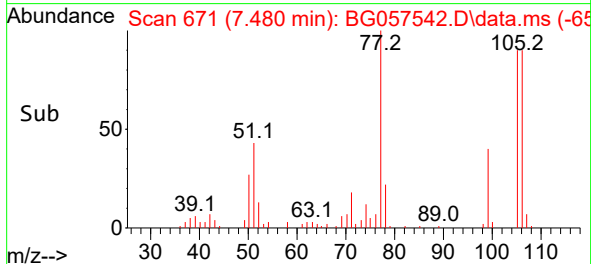
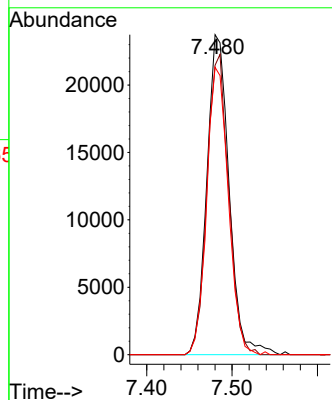
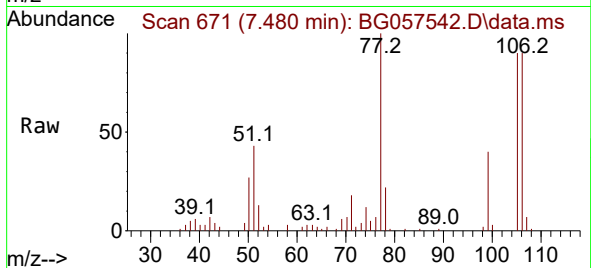




#9
Benzaldehyde
Concen: 50.393 ng
RT: 7.480 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

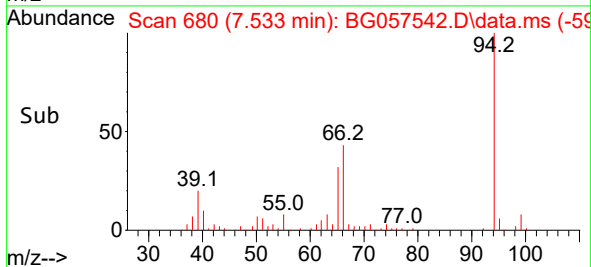
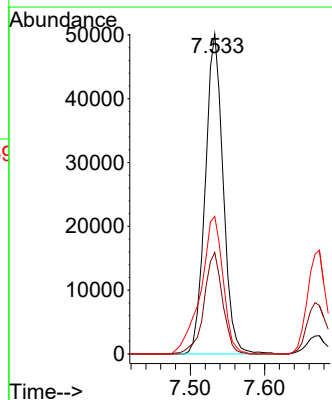
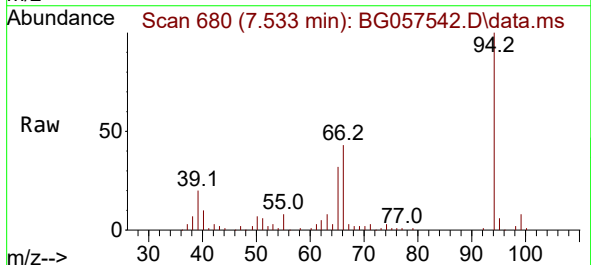
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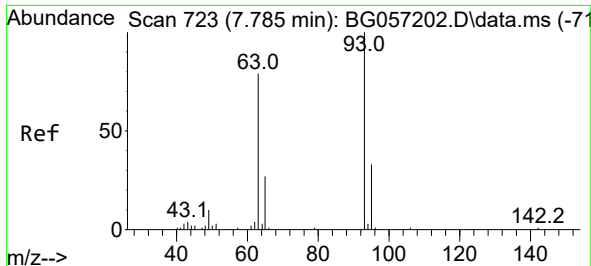
Tgt Ion: 77 Resp: 43085
Ion Ratio Lower Upper
77 100
105 90.4 74.6 114.6
106 89.8 66.3 106.3



#10
Phenol
Concen: 51.347 ng
RT: 7.533 min Scan# 680
Delta R.T. -0.005 min
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Tgt Ion: 94 Resp: 83709
Ion Ratio Lower Upper
94 100
65 31.7 13.5 53.5
66 43.0 26.7 66.7

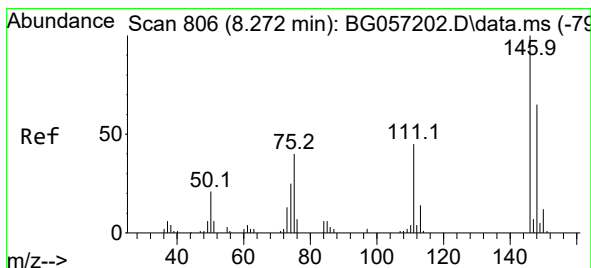
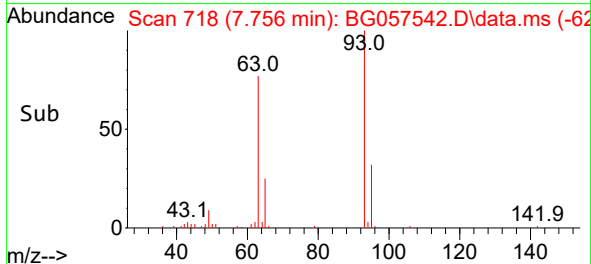
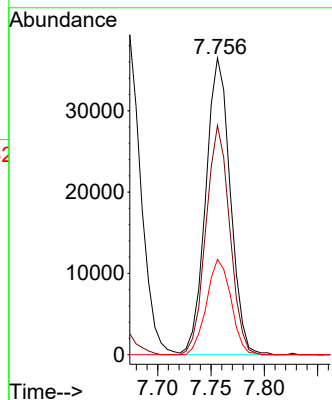
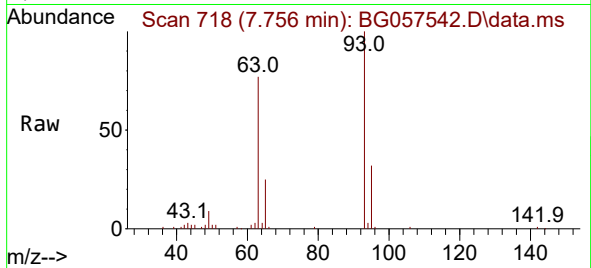




#11
bis(2-Chloroethyl)ether
Concen: 47.504 ng
RT: 7.756 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

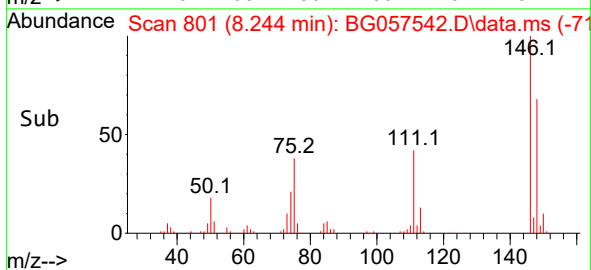
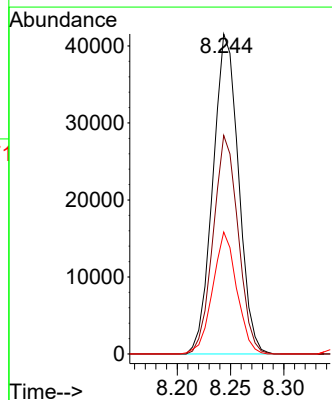
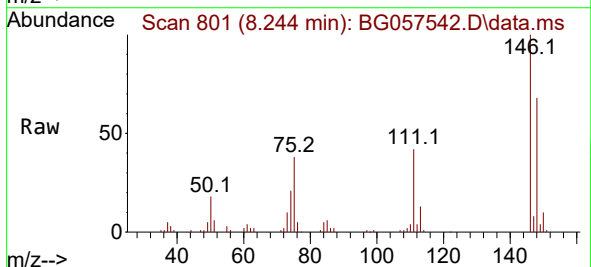
Instrument :
BNA_G
ClientSampleId :
SB08MS

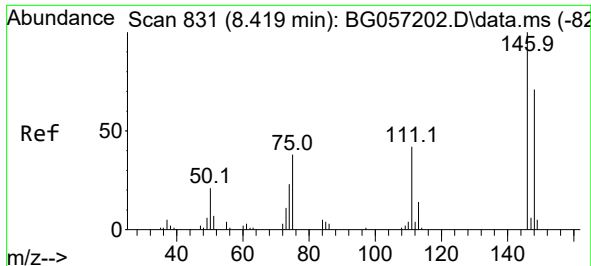
Tgt Ion: 93 Resp: 58398
Ion Ratio Lower Upper
93 100
63 77.2 58.6 98.6
95 32.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 54.085 ng
RT: 8.244 min Scan# 801
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:146 Resp: 69466
Ion Ratio Lower Upper
146 100
148 68.3 52.2 78.2
75 38.1 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 54.188 ng

RT: 8.390 min Scan# 81

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

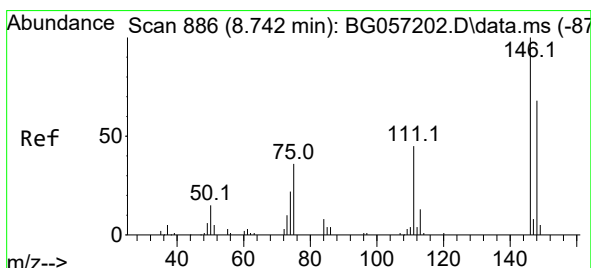
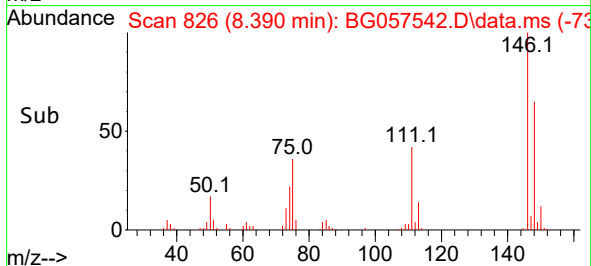
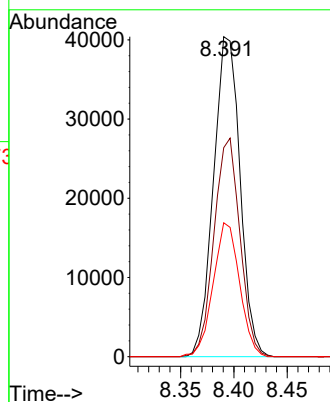
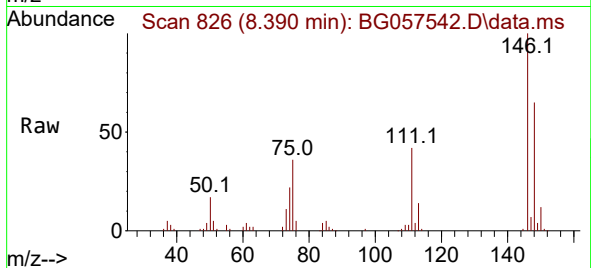
Tgt Ion:146 Resp: 69910

Ion Ratio Lower Upper

146 100

148 65.3 56.4 84.6

111 41.8 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 55.037 ng

RT: 8.719 min Scan# 882

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

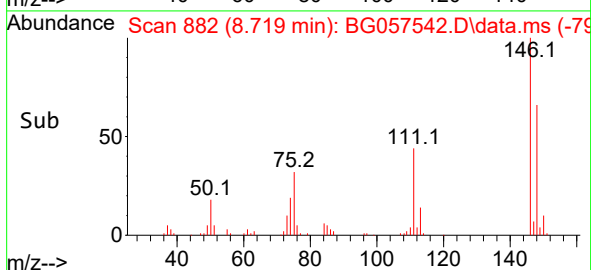
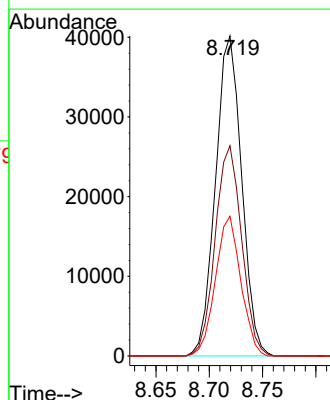
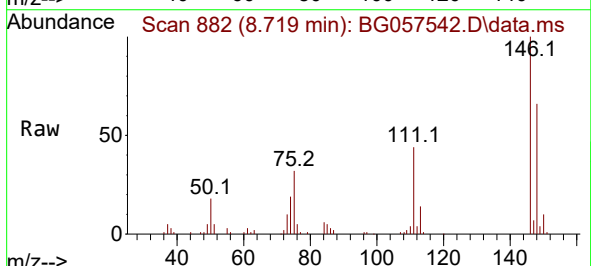
Tgt Ion:146 Resp: 68546

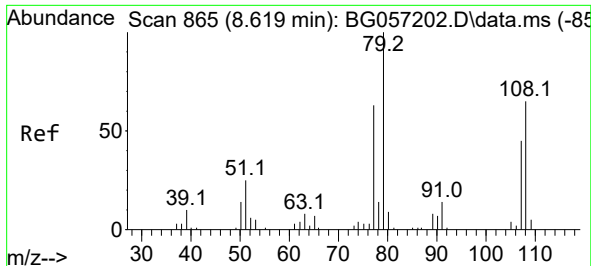
Ion Ratio Lower Upper

146 100

148 65.7 54.6 82.0

111 43.6 37.2 55.8

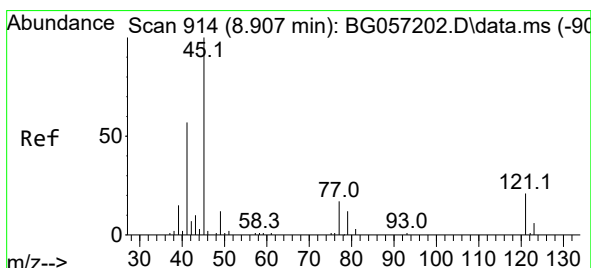
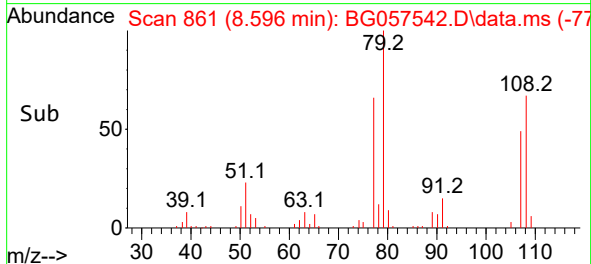
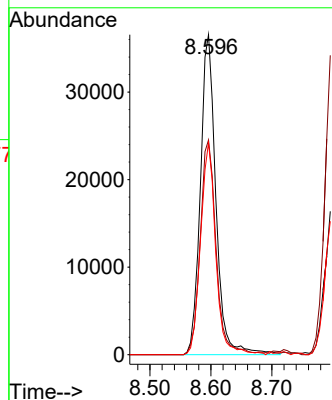
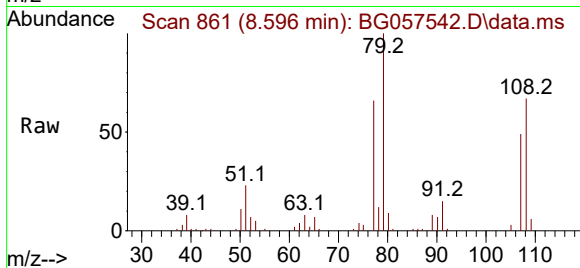




#15
Benzyl Alcohol
Concen: 46.570 ng
RT: 8.596 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

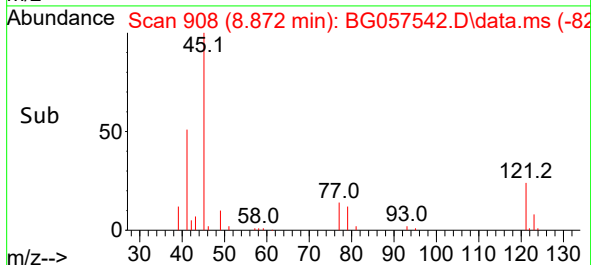
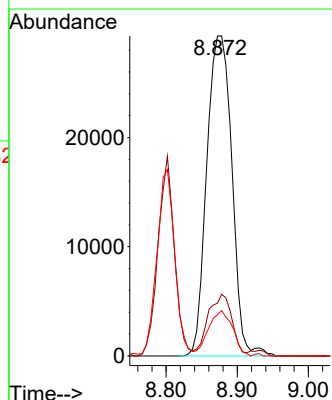
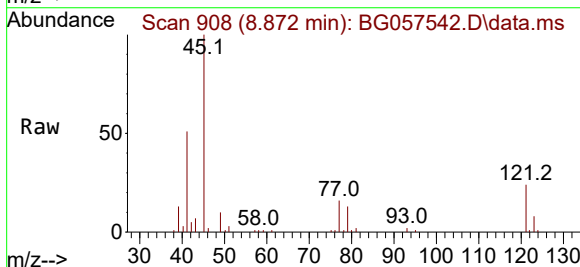
Instrument :
BNA_G
ClientSampleId :
SB08MS

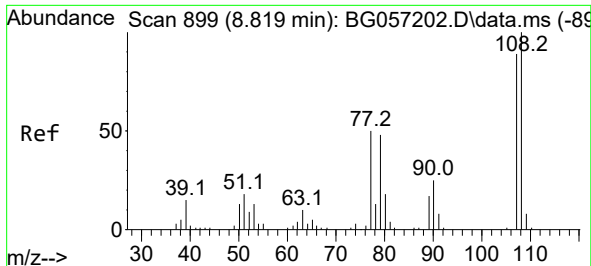
Tgt Ion: 79 Resp: 64882
Ion Ratio Lower Upper
79 100
108 67.1 52.2 78.2
77 66.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.471 ng
RT: 8.872 min Scan# 908
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion: 45 Resp: 72003
Ion Ratio Lower Upper
45 100
77 16.5 0.0 38.5
79 12.9 0.0 33.8

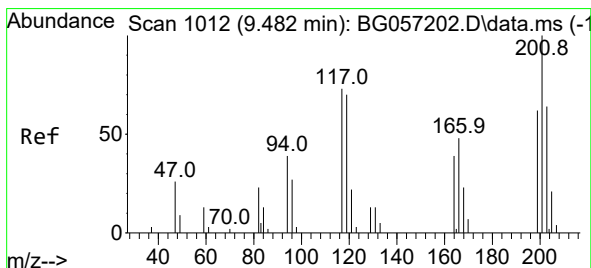
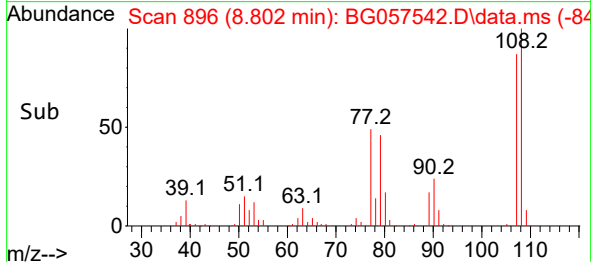
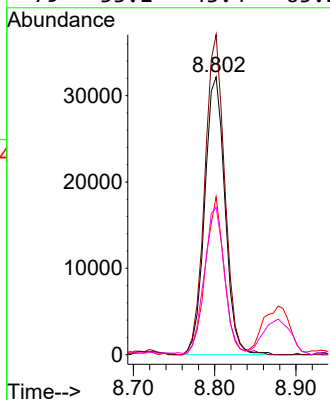
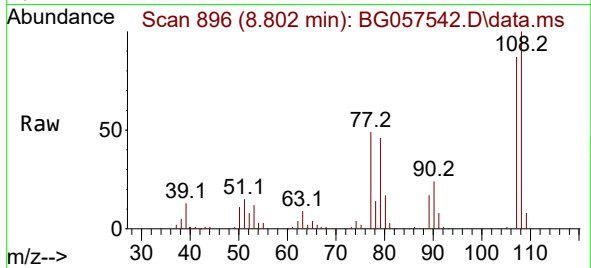




#17
2-Methylphenol
Concen: 47.547 ng
RT: 8.802 min Scan# 899
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

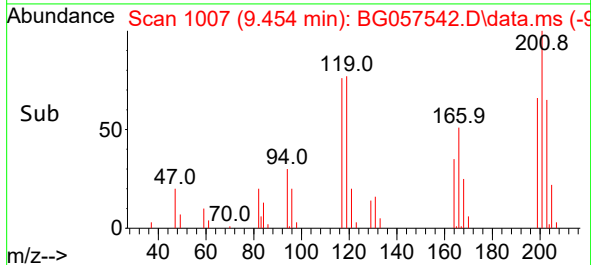
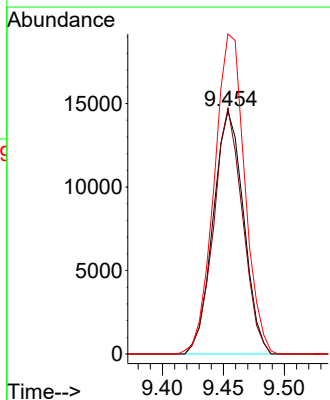
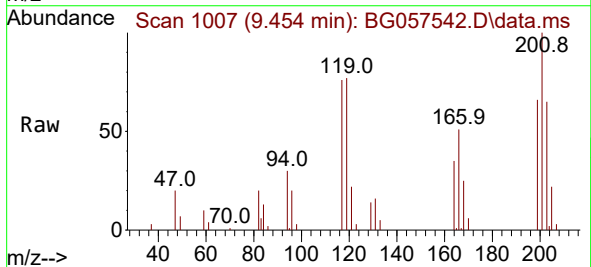
Instrument :
BNA_G
ClientSampleId :
SB08MS

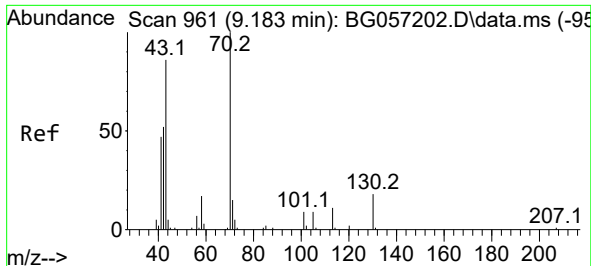
Tgt Ion:	107	Resp:	55876
Ion	Ratio	Lower	Upper
107	100		
108	115.2	89.5	134.3
77	56.9	45.1	67.7
79	53.1	43.4	65.2



#18
Hexachloroethane
Concen: 54.161 ng
RT: 9.454 min Scan# 1007
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:	117	Resp:	25216
Ion	Ratio	Lower	Upper
117	100		
119	101.3	76.7	115.1
201	131.8	109.0	163.4

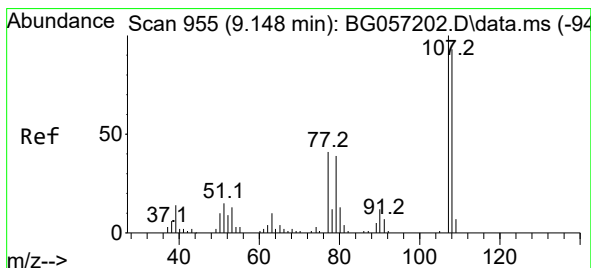
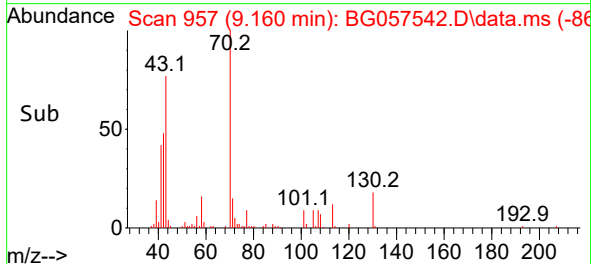
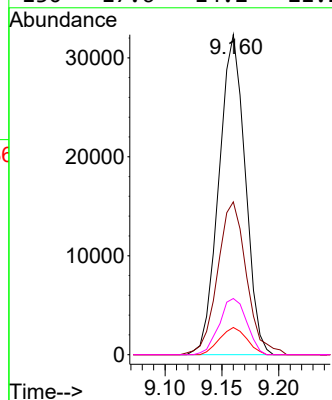
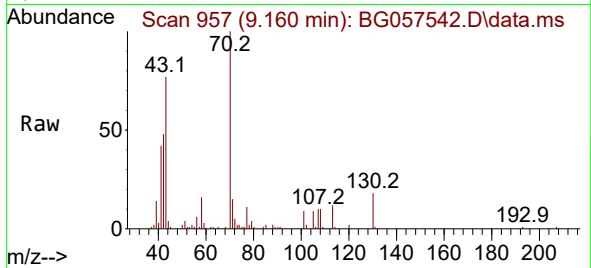




#19
n-Nitroso-di-n-propylamine
Concen: 40.784 ng
RT: 9.160 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

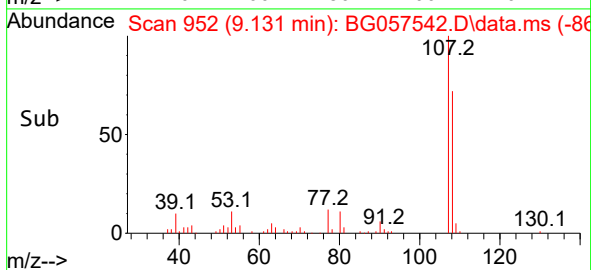
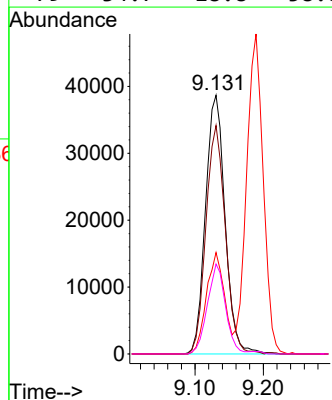
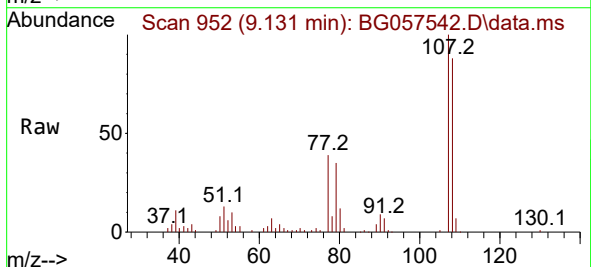
Instrument :
BNA_G
ClientSampleId :
SB08MS

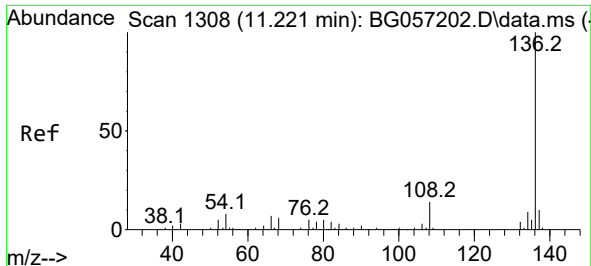
Tgt Ion:	70	Resp:	52008
Ion	Ratio	Lower	Upper
70	100		
42	47.8	41.8	62.8
101	8.5	6.8	10.2
130	17.6	14.2	21.2



#20
3+4-Methylphenols
Concen: 47.965 ng
RT: 9.131 min Scan# 952
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:	107	Resp:	77183
Ion	Ratio	Lower	Upper
107	100		
108	88.3	73.5	113.5
77	39.2	21.1	61.1
79	34.7	18.8	58.8

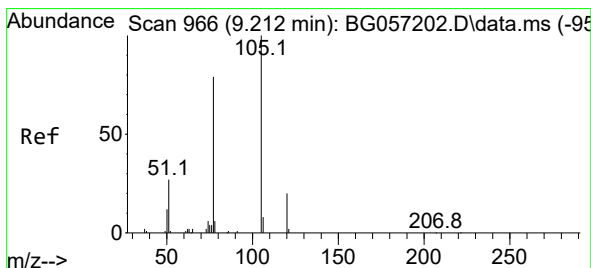
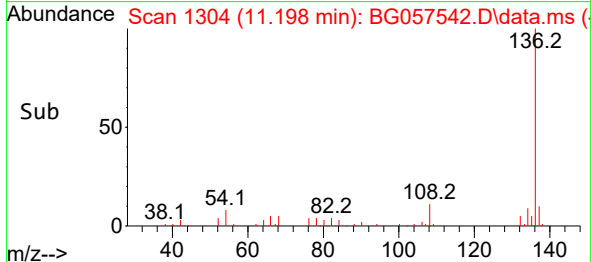
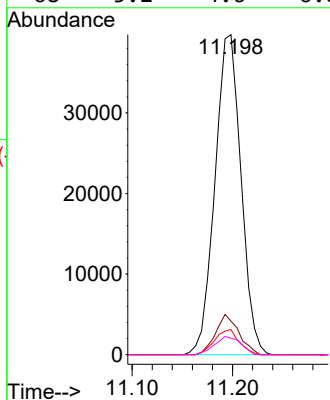
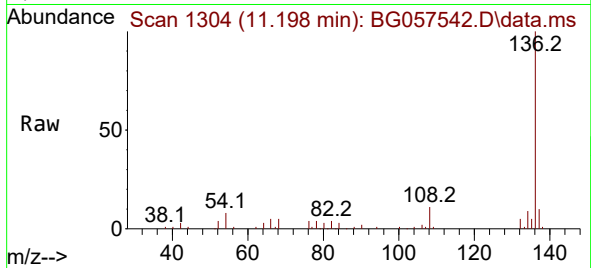




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

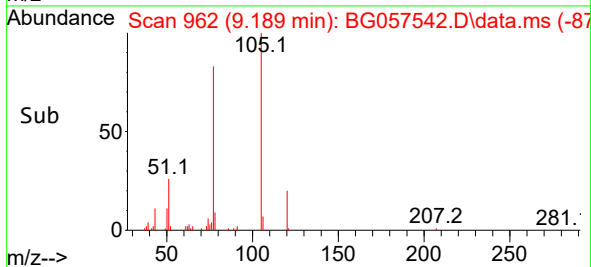
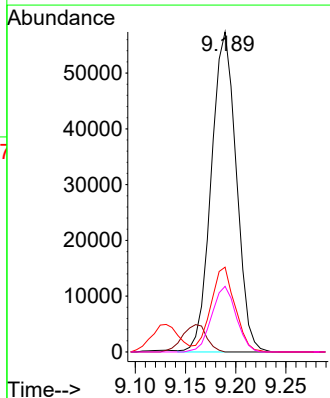
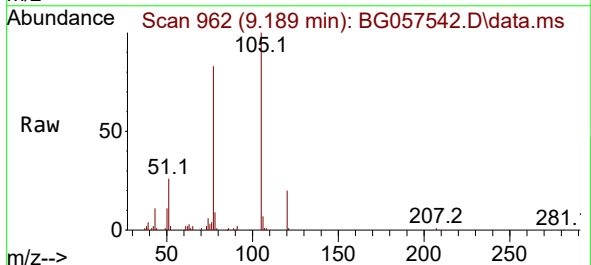
Instrument :
BNA_G
ClientSampleId :
SB08MS

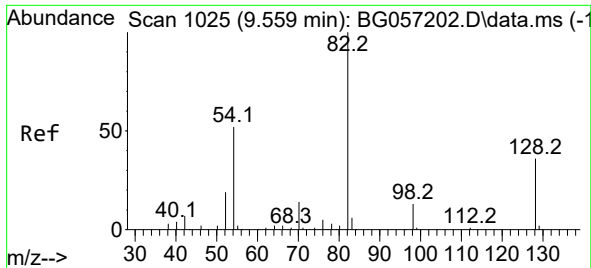
Tgt Ion:	136	Resp:	71475
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.3	12.5
54	7.8	6.7	10.1
68	5.2	4.6	6.8



#22
Acetophenone
Concen: 48.413 ng
RT: 9.189 min Scan# 962
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:	105	Resp:	99039
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.4	0.6#
51	26.5	24.0	36.0
120	20.5	15.8	23.8

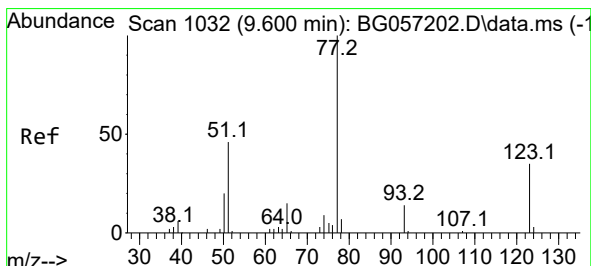
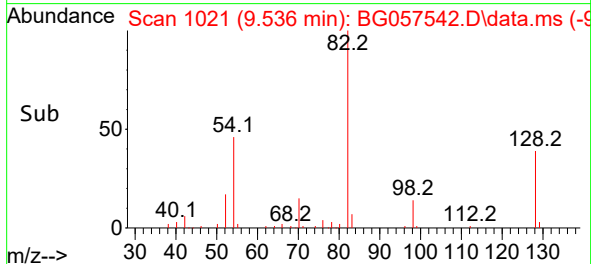
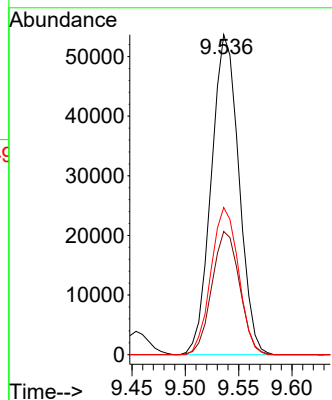
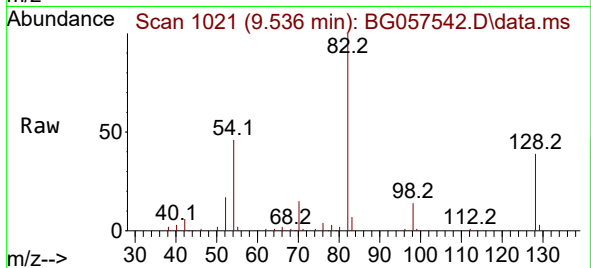




#23
Nitrobenzene-d5
Concen: 56.676 ng
RT: 9.536 min Scan# 1021
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

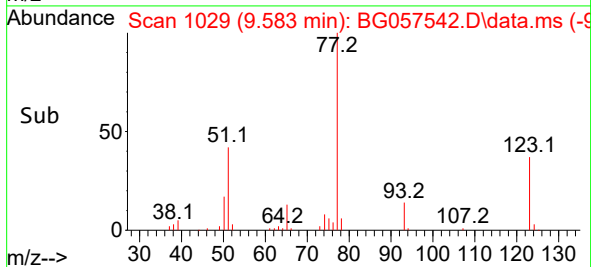
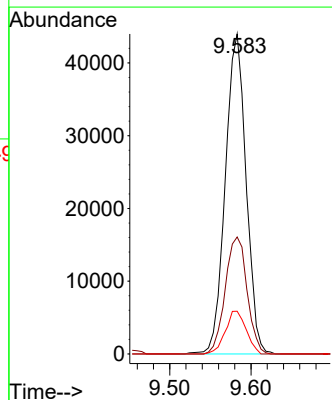
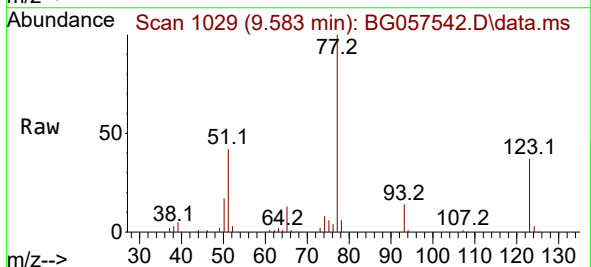
Instrument :
BNA_G
ClientSampleId :
SB08MS

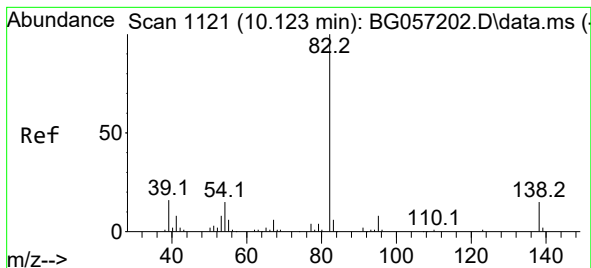
Tgt Ion: 82 Resp: 96517
Ion Ratio Lower Upper
82 100
128 38.5 29.0 43.4
54 46.0 41.4 62.0



#24
Nitrobenzene
Concen: 45.442 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion: 77 Resp: 78108
Ion Ratio Lower Upper
77 100
123 36.5 28.2 42.2
65 13.4 11.7 17.5





#25

Isophorone

Concen: 41.487 ng

RT: 10.100 min Scan# 1117

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

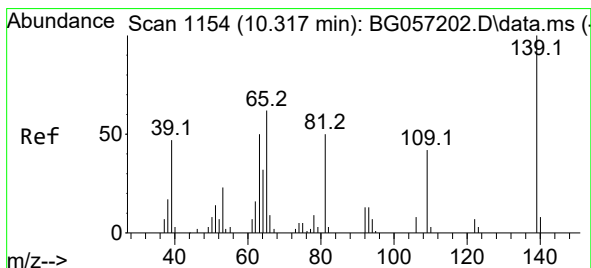
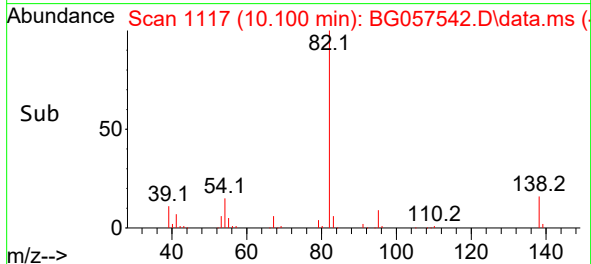
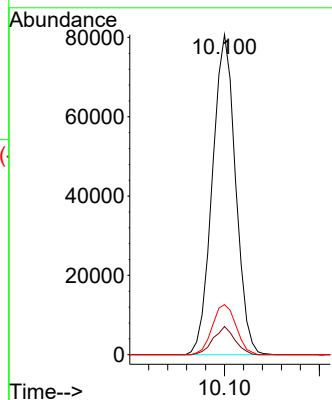
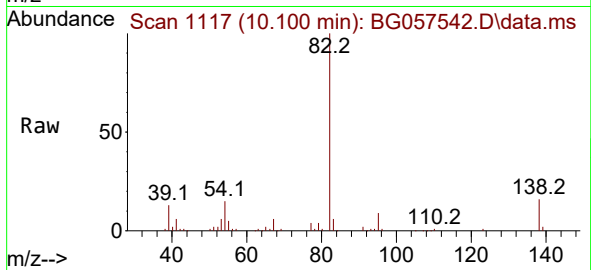
Tgt Ion: 82 Resp: 137001

Ion Ratio Lower Upper

82 100

95 8.8 6.4 9.6

138 15.7 12.3 18.5



#26

2-Nitrophenol

Concen: 54.936 ng

RT: 10.300 min Scan# 1151

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

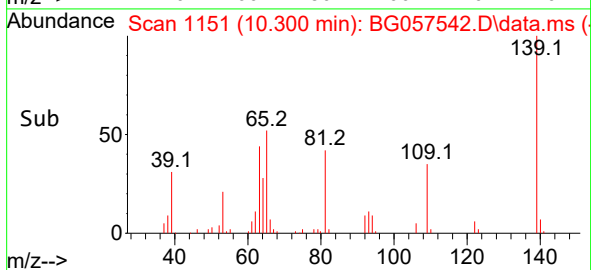
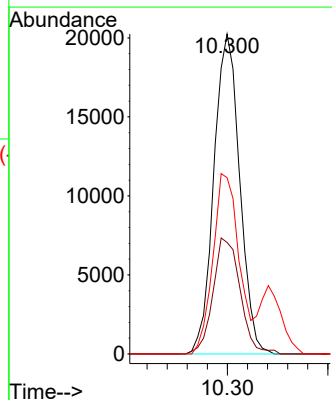
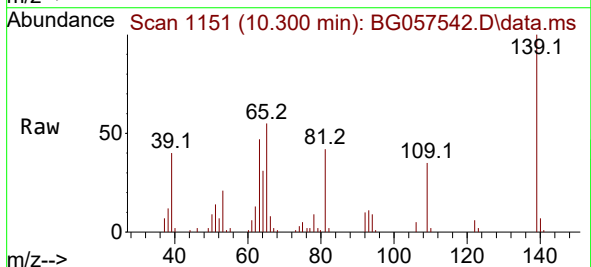
Tgt Ion:139 Resp: 36144

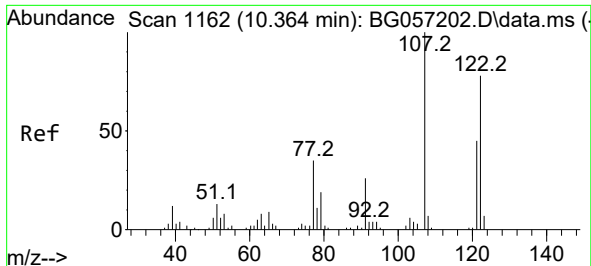
Ion Ratio Lower Upper

139 100

109 34.8 33.4 50.2

65 55.1 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 53.225 ng

RT: 10.341 min Scan# 1158

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

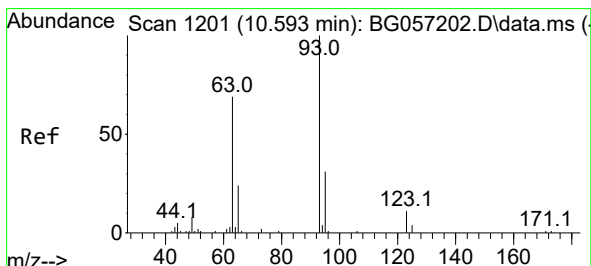
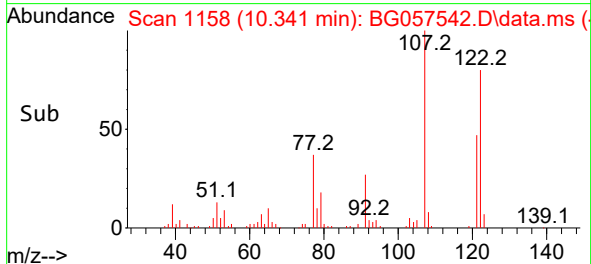
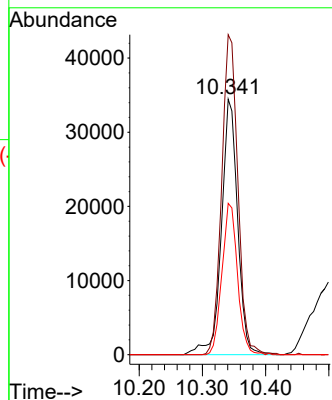
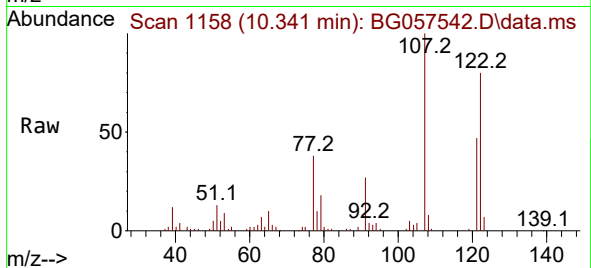
Tgt Ion:122 Resp: 61318

Ion Ratio Lower Upper

122 100

107 125.2 103.0 154.4

121 59.2 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 46.115 ng

RT: 10.570 min Scan# 1197

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

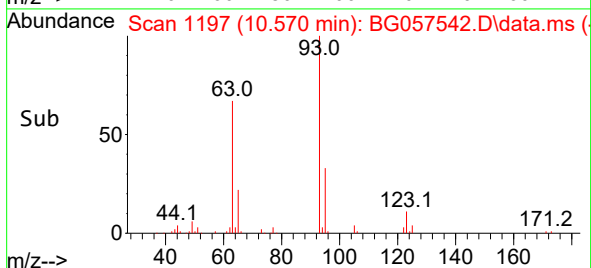
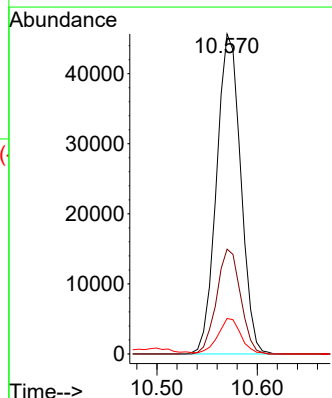
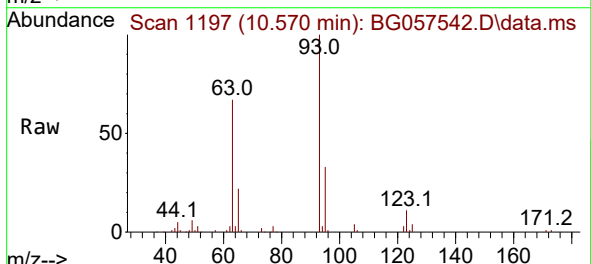
Tgt Ion: 93 Resp: 76290

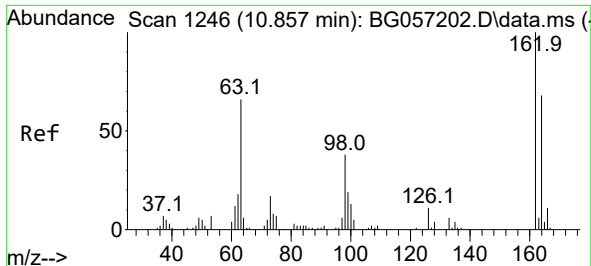
Ion Ratio Lower Upper

93 100

95 32.8 25.0 37.6

123 11.1 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 53.806 ng

RT: 10.840 min Scan# 1243

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

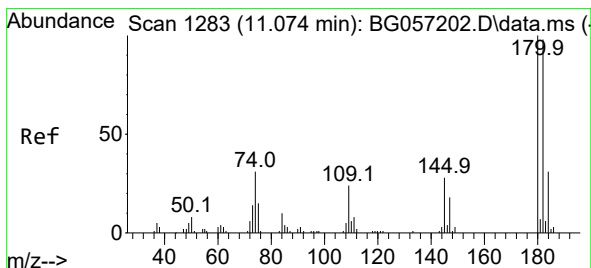
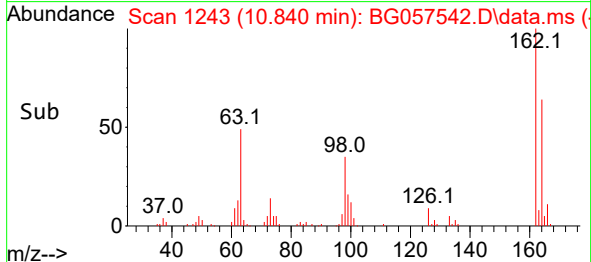
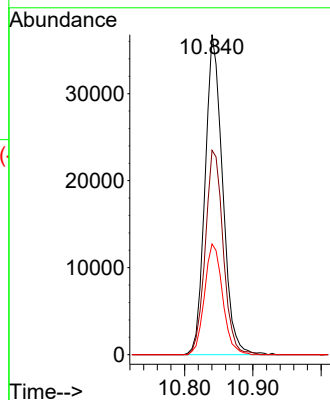
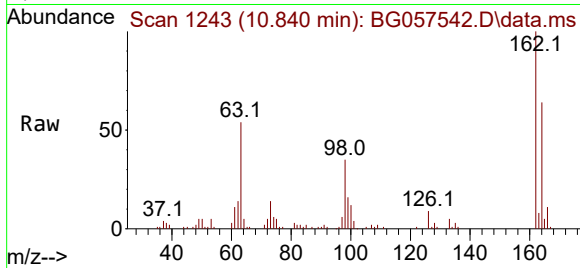
Tgt Ion:162 Resp: 65745

Ion Ratio Lower Upper

162 100

164 63.8 48.4 88.4

98 34.6 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 50.707 ng

RT: 11.052 min Scan# 1279

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

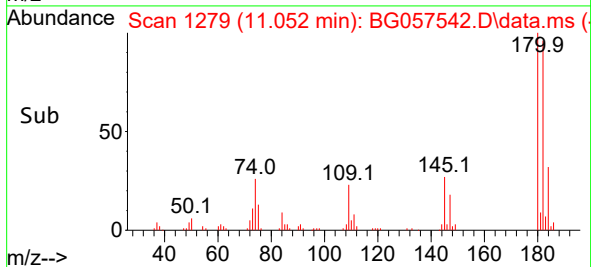
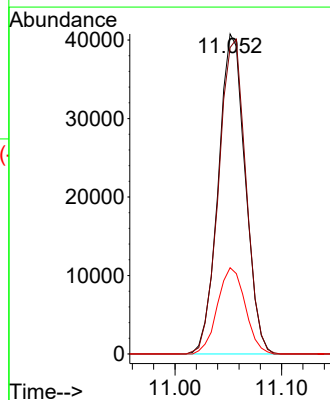
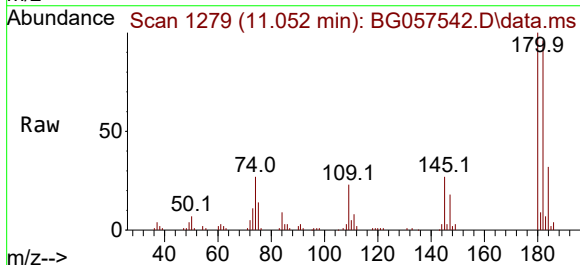
Tgt Ion:180 Resp: 71464

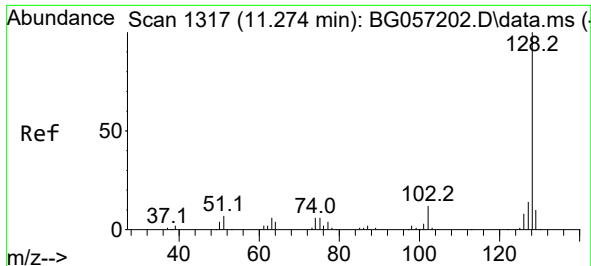
Ion Ratio Lower Upper

180 100

182 95.8 78.0 117.0

145 26.9 22.4 33.6

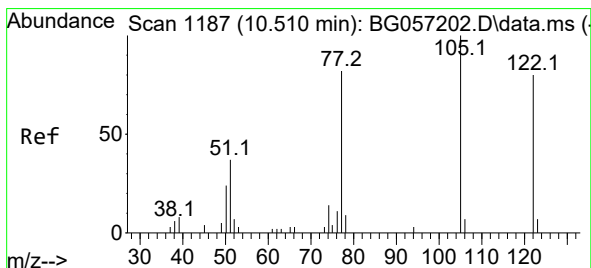
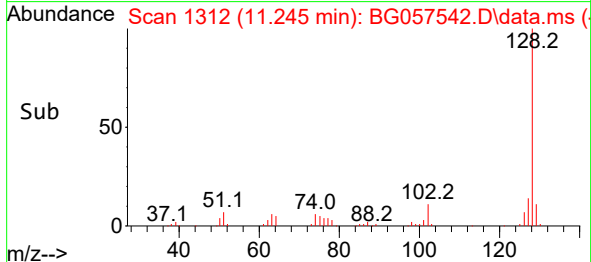
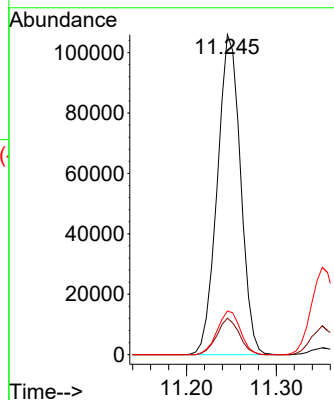
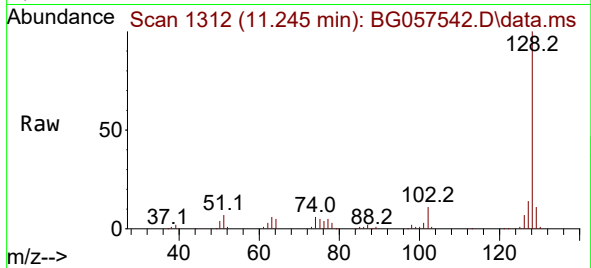




#31
Naphthalene
Concen: 49.764 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

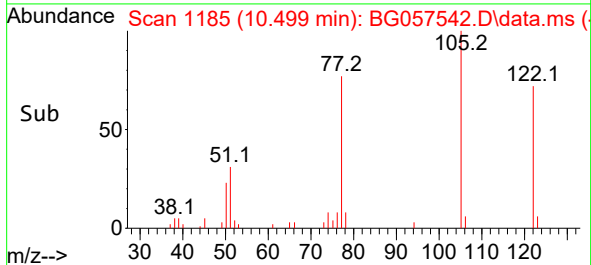
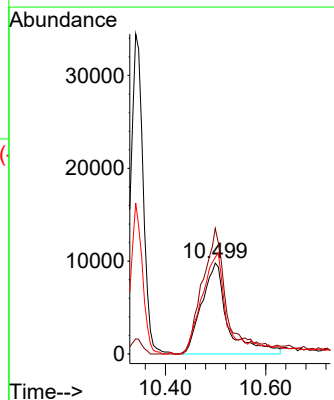
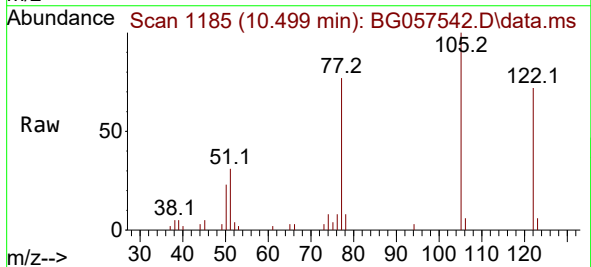
Instrument :
BNA_G
ClientSampleId :
SB08MS

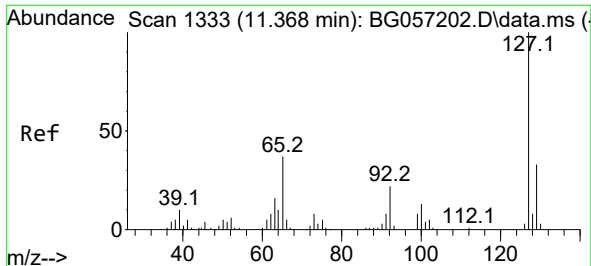
Tgt Ion:128 Resp: 190154
Ion Ratio Lower Upper
128 100
129 11.4 8.3 12.5
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 52.584 ng
RT: 10.499 min Scan# 1185
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:122 Resp: 35265
Ion Ratio Lower Upper
122 100
105 138.1 105.2 145.2
77 106.2 83.1 123.1





#33

4-Chloroaniline

Concen: 32.903 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

Tgt Ion:127 Resp: 56461

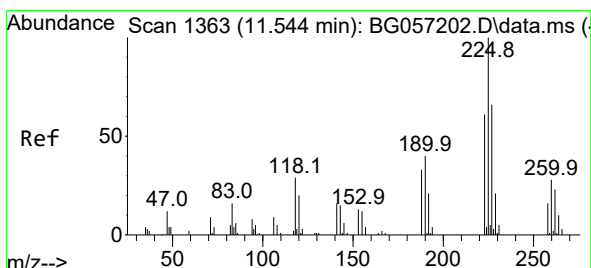
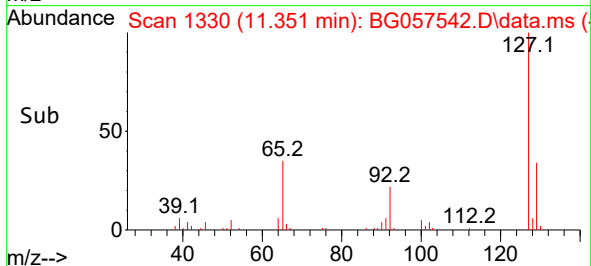
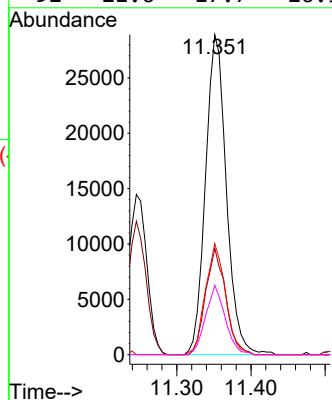
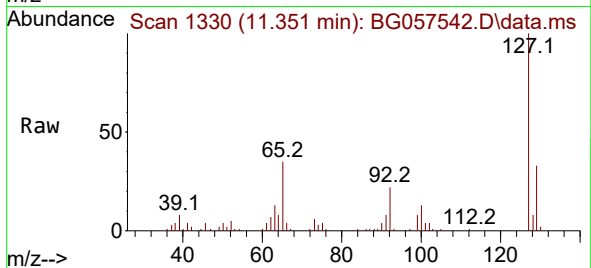
Ion Ratio Lower Upper

127 100

129 33.2 26.7 40.1

65 34.7 29.7 44.5

92 21.6 17.7 26.5



#34

Hexachlorobutadiene

Concen: 49.133 ng

RT: 11.516 min Scan# 1358

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

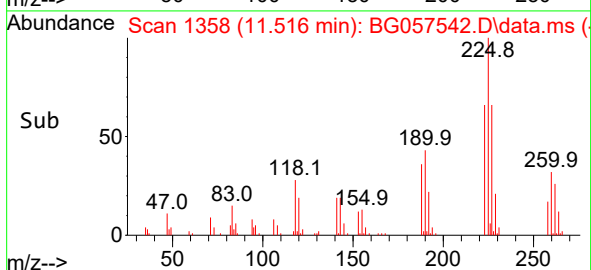
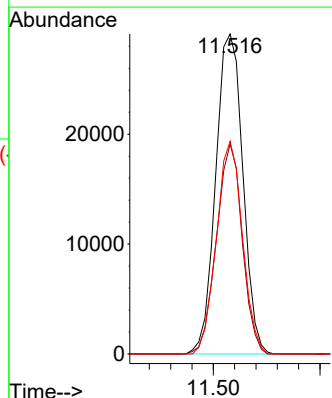
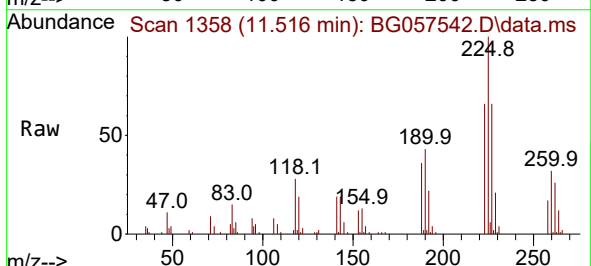
Tgt Ion:225 Resp: 51381

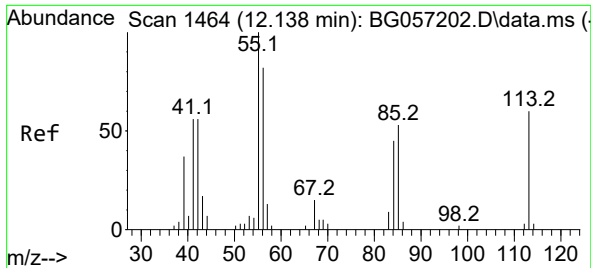
Ion Ratio Lower Upper

225 100

223 65.6 48.6 72.8

227 66.5 52.7 79.1

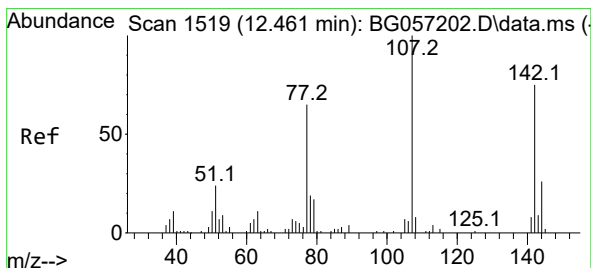
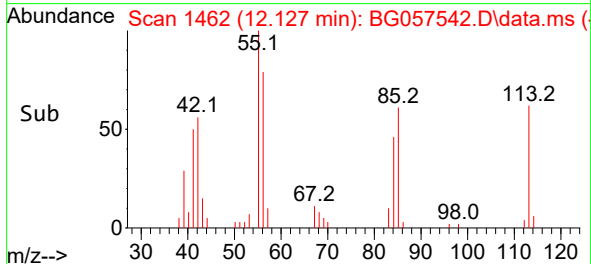
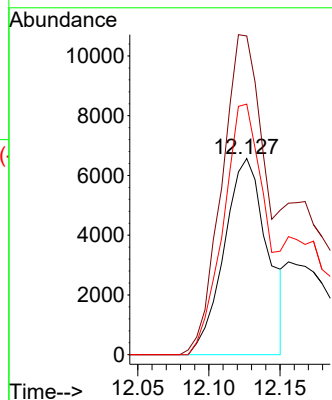
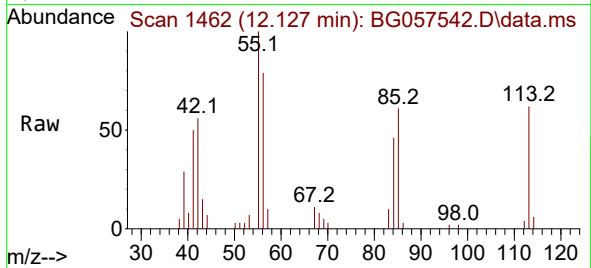




#35
Caprolactam
Concen: 33.211 ng
RT: 12.127 min Scan# 14
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

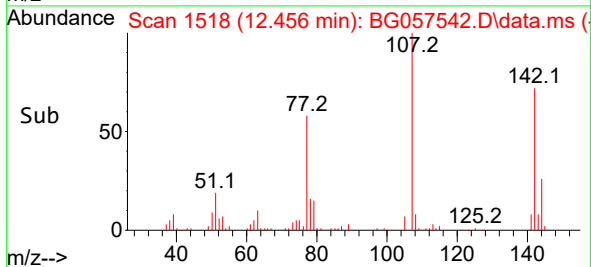
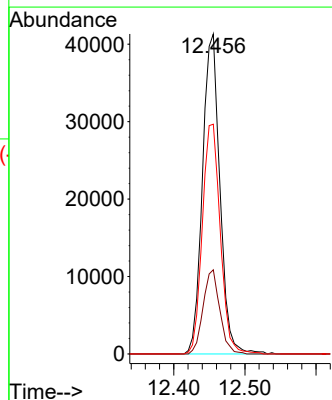
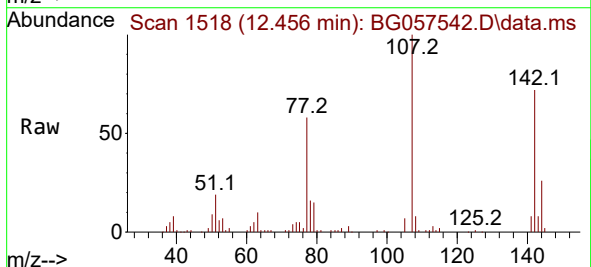
Instrument :
BNA_G
ClientSampleId :
SB08MS

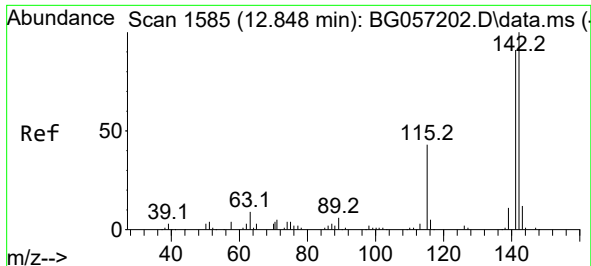
Tgt Ion:113 Resp: 13862
Ion Ratio Lower Upper
113 100
55 162.5 145.5 185.5
56 127.7 115.9 155.9



#36
4-Chloro-3-methylphenol
Concen: 50.837 ng
RT: 12.456 min Scan# 1518
Delta R.T. 0.001 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:107 Resp: 70591
Ion Ratio Lower Upper
107 100
144 26.3 21.0 31.6
142 71.8 60.0 90.0





#37

2-Methylnaphthalene

Concen: 45.804 ng

RT: 12.826 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

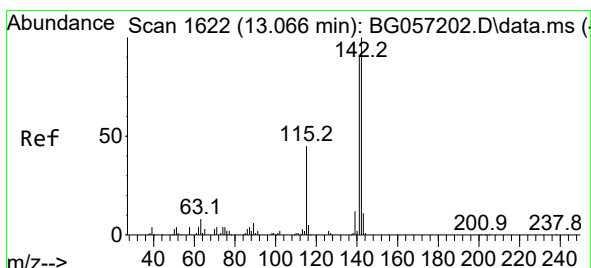
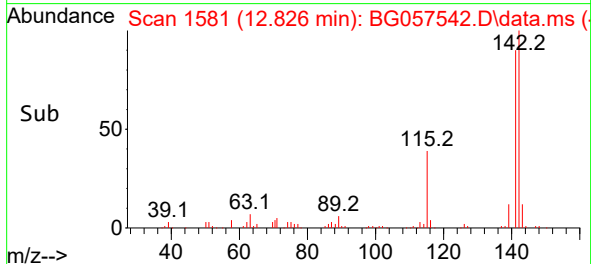
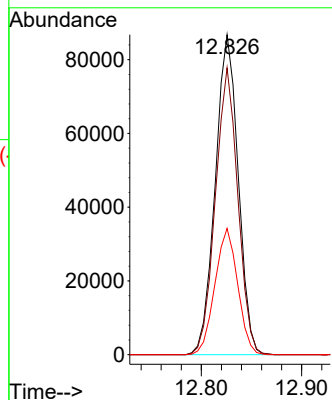
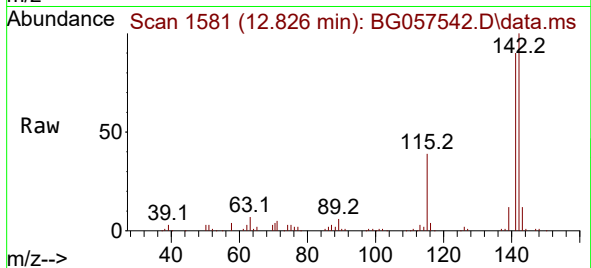
Tgt Ion:142 Resp: 137612

Ion Ratio Lower Upper

142 100

141 89.7 73.1 109.7

115 39.4 34.6 52.0



#38

1-Methylnaphthalene

Concen: 45.482 ng

RT: 13.043 min Scan# 1618

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

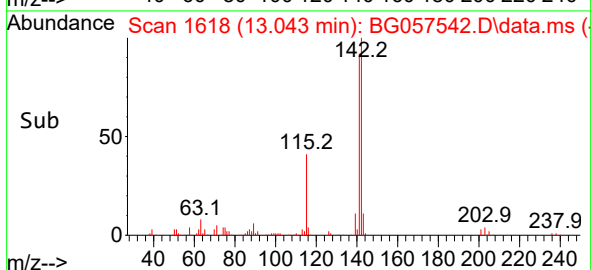
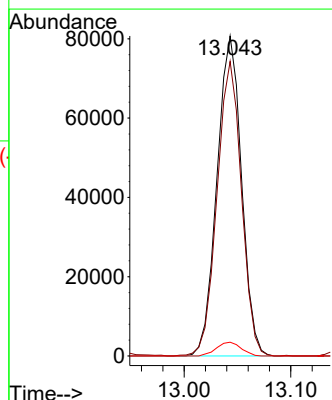
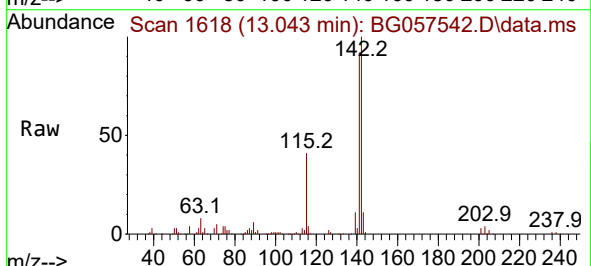
Tgt Ion:142 Resp: 128793

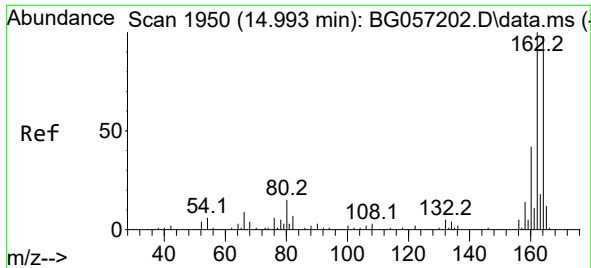
Ion Ratio Lower Upper

142 100

141 92.0 72.5 108.7

116 4.3 3.7 5.5

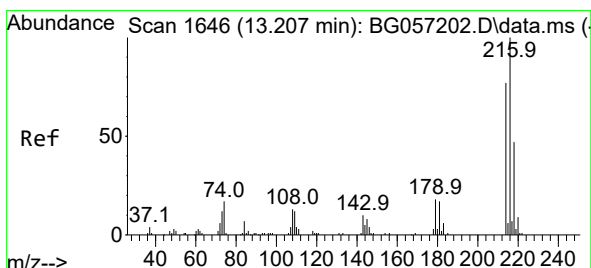
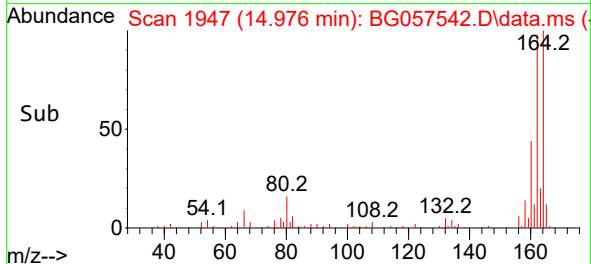
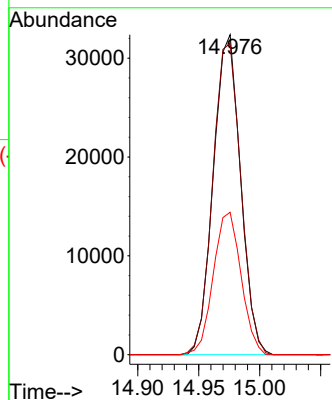
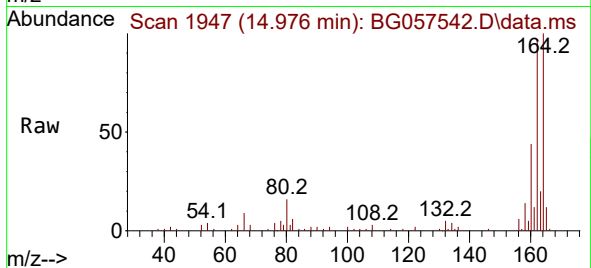




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.976 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

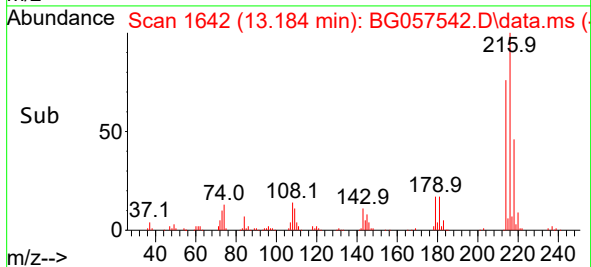
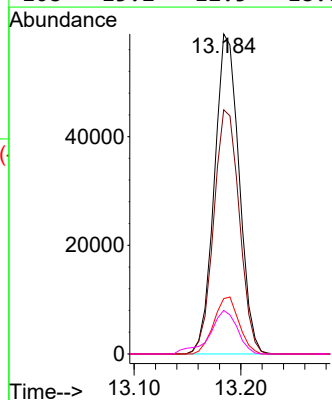
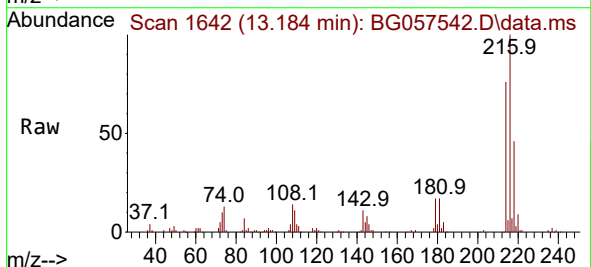
Instrument :
BNA_G
ClientSampleId :
SB08MS

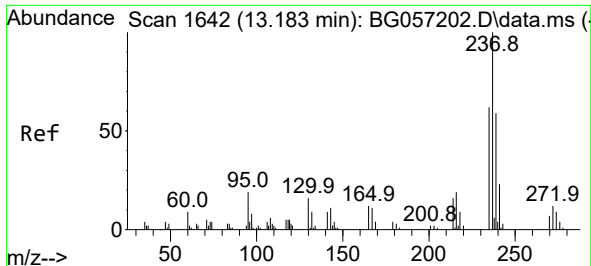
Tgt Ion:164 Resp: 50258
Ion Ratio Lower Upper
164 100
162 97.3 81.8 122.6
160 44.5 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.030 ng
RT: 13.184 min Scan# 1642
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:216 Resp: 94617
Ion Ratio Lower Upper
216 100
214 79.0 63.7 95.5
179 18.1 14.6 22.0
108 15.2 12.5 18.7

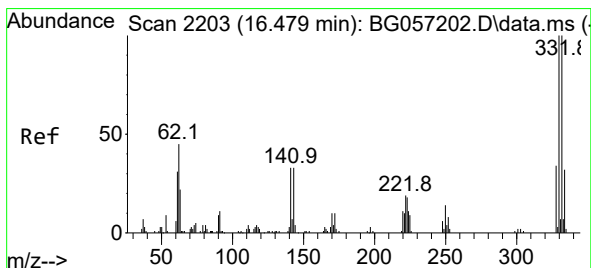
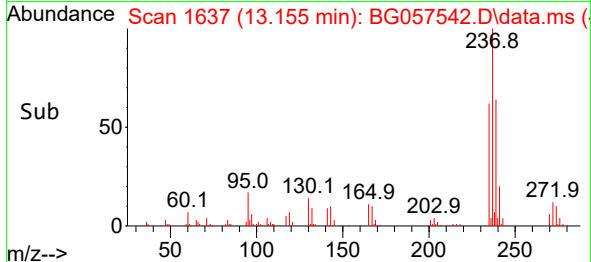
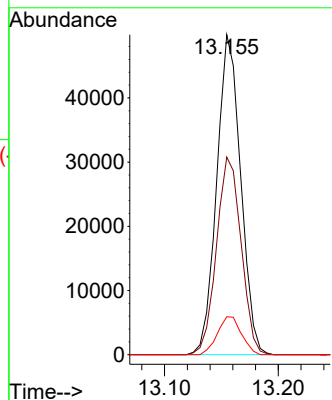
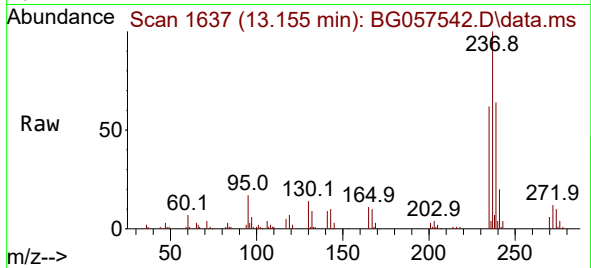




#41
Hexachlorocyclopentadiene
Concen: 84.670 ng
RT: 13.155 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

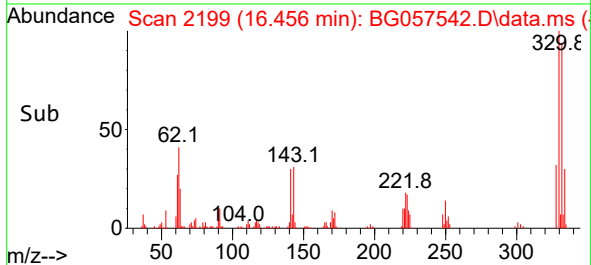
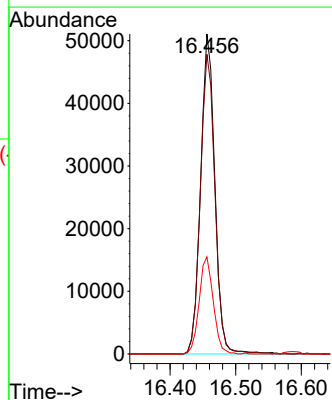
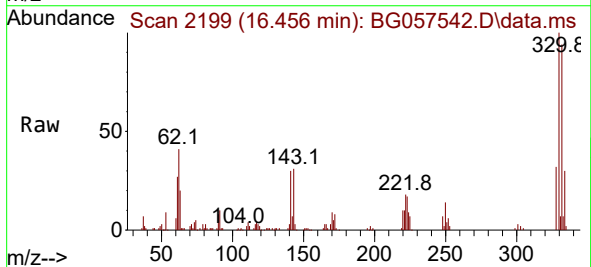
Instrument :
BNA_G
ClientSampleId :
SB08MS

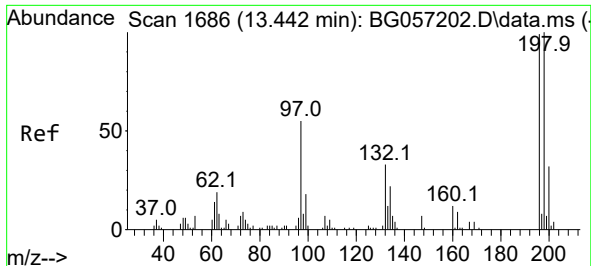
Tgt Ion:237 Resp: 72956
Ion Ratio Lower Upper
237 100
235 61.8 42.0 82.0
272 11.8 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 107.978 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:330 Resp: 77000
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.2
141 30.2 27.8 41.8

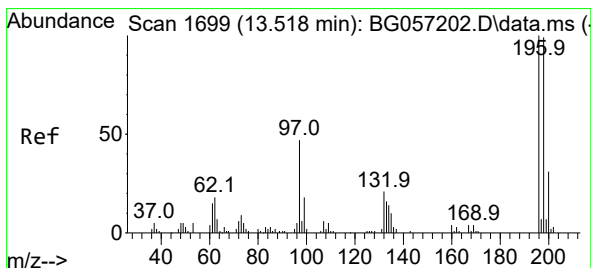
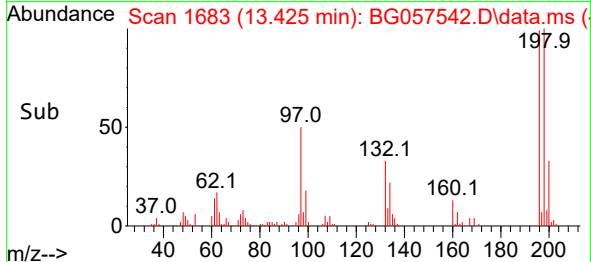
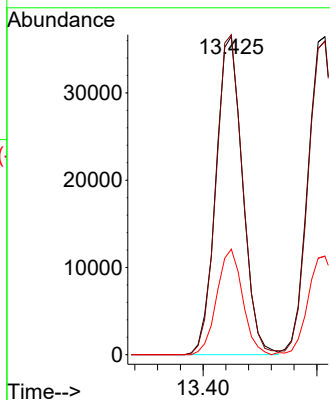
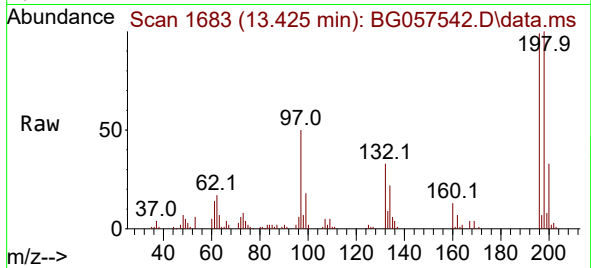




#43
2,4,6-Trichlorophenol
Concen: 54.688 ng
RT: 13.425 min Scan# 1683
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

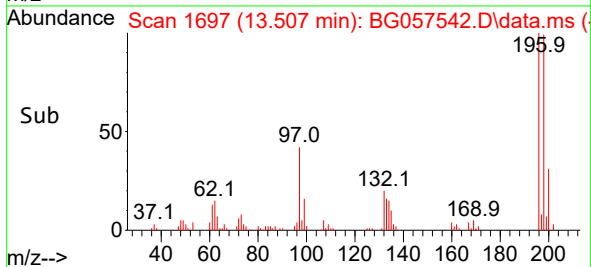
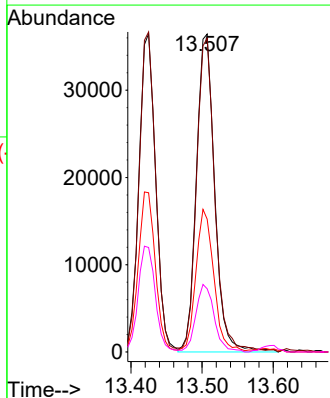
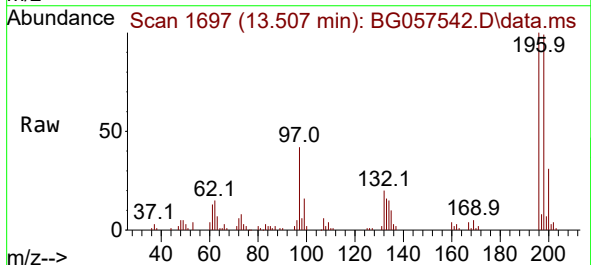
Instrument :
BNA_G
ClientSampleId :
SB08MS

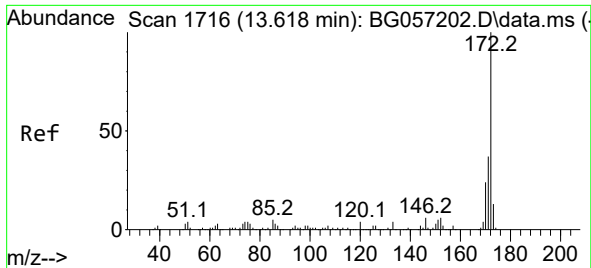
Tgt Ion:196 Resp: 59446
Ion Ratio Lower Upper
196 100
198 100.5 81.2 121.8
200 33.2 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 51.185 ng
RT: 13.507 min Scan# 1697
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:196 Resp: 65447
Ion Ratio Lower Upper
196 100
198 98.7 79.4 119.2
97 41.8 37.0 55.4
132 19.9 16.6 24.8

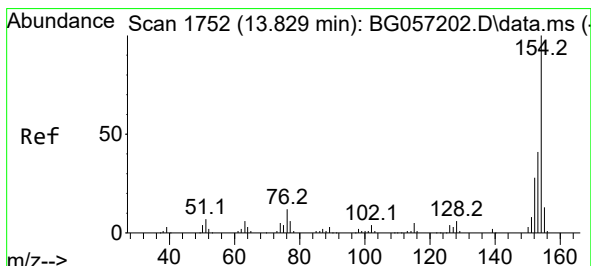
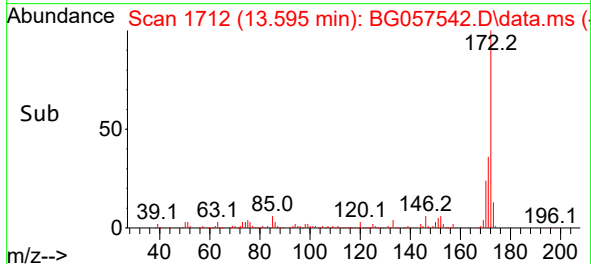
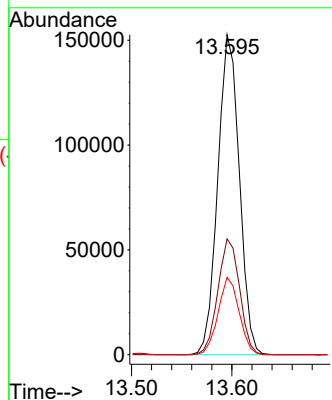
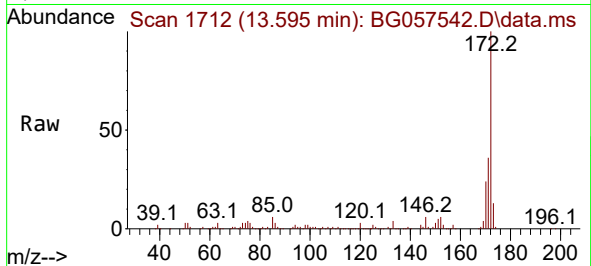




#45
2-Fluorobiphenyl
Concen: 61.007 ng
RT: 13.595 min Scan# 1716
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

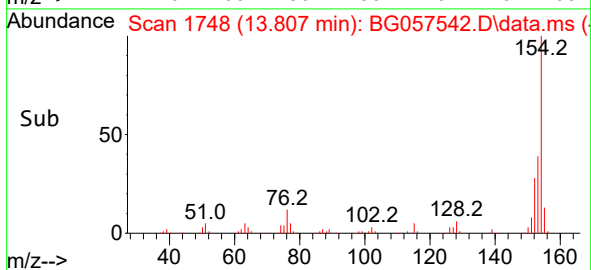
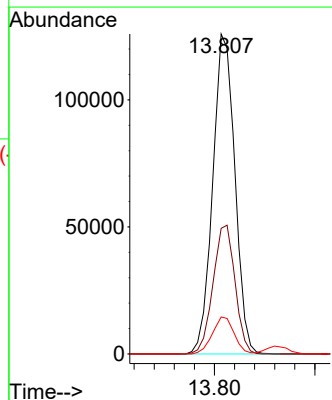
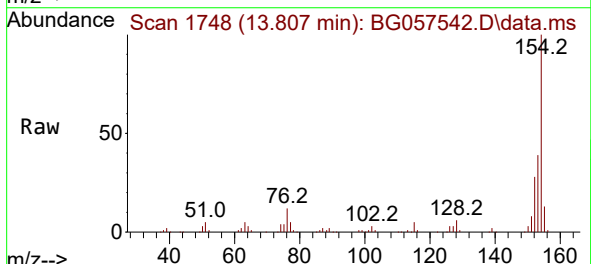
Instrument :
BNA_G
ClientSampleId :
SB08MS

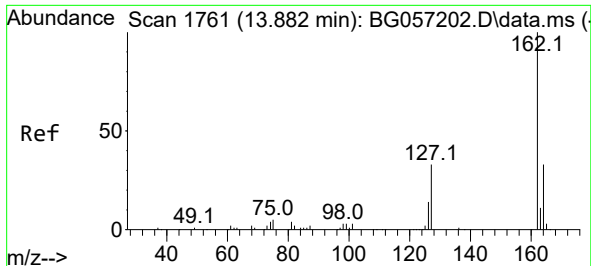
Tgt Ion:172 Resp: 227658
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 51.630 ng
RT: 13.807 min Scan# 1748
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:154 Resp: 192547
Ion Ratio Lower Upper
154 100
153 39.2 20.9 60.9
76 11.5 0.0 31.7

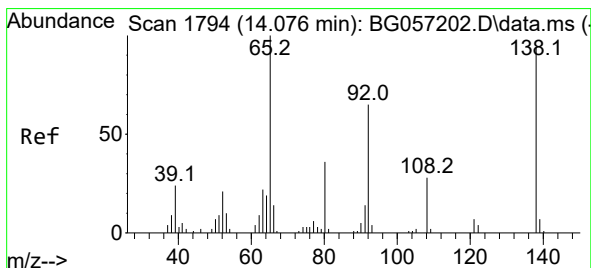
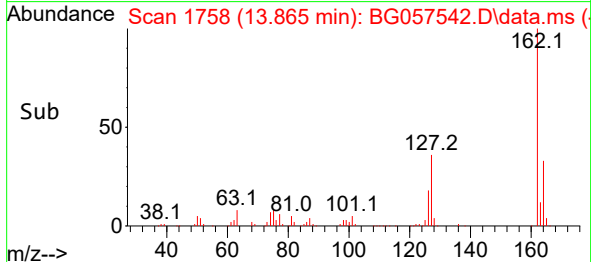
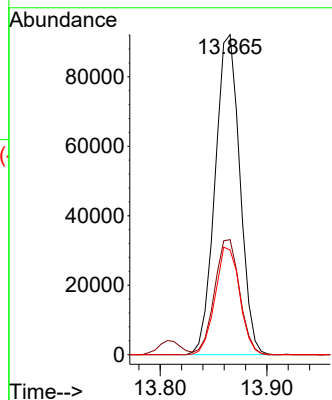
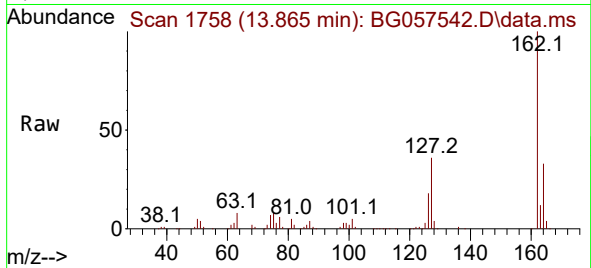




#47
2-Chloronaphthalene
Concen: 53.547 ng
RT: 13.865 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

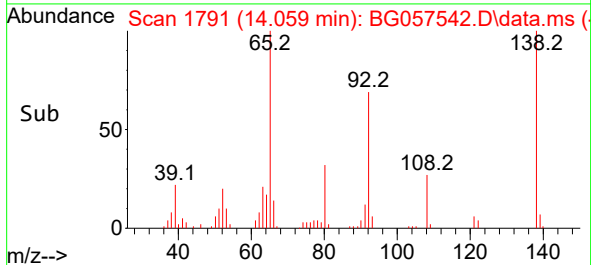
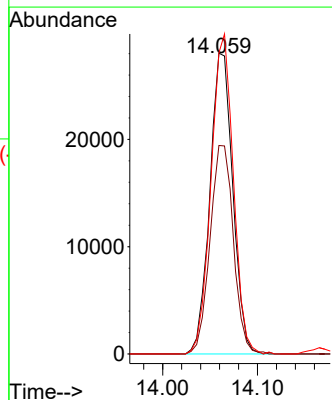
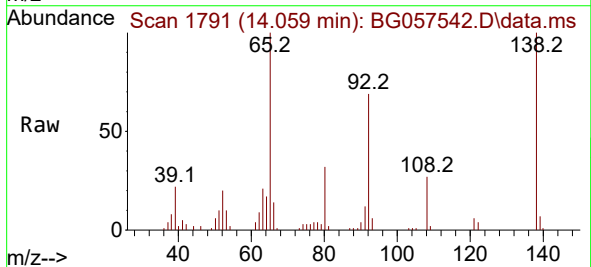
Instrument :
BNA_G
ClientSampleId :
SB08MS

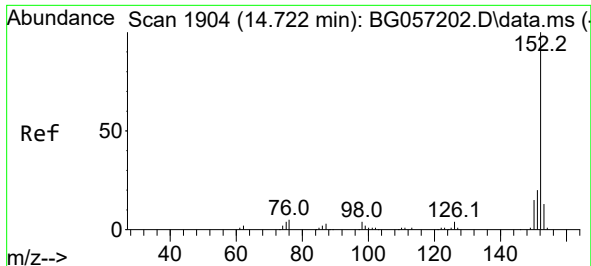
Tgt Ion:162 Resp: 148498
Ion Ratio Lower Upper
162 100
127 36.0 29.8 44.6
164 32.7 26.6 40.0



#48
2-Nitroaniline
Concen: 49.966 ng
RT: 14.059 min Scan# 1791
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion: 65 Resp: 47115
Ion Ratio Lower Upper
65 100
92 69.3 52.1 78.1
138 100.1 75.3 112.9





#49

Acenaphthylene

Concen: 51.133 ng

RT: 14.700 min Scan# 1904

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

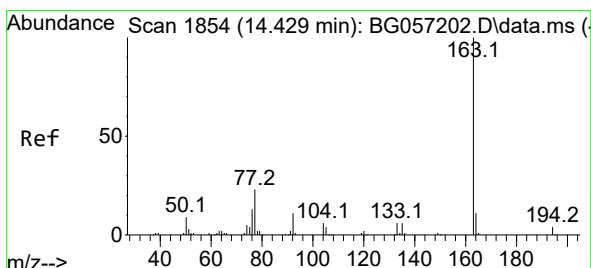
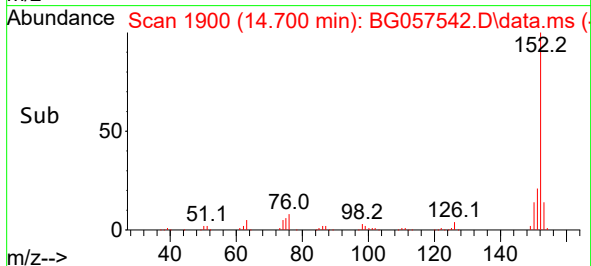
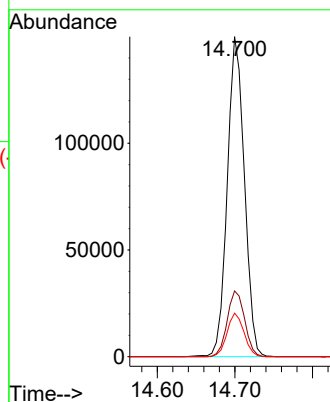
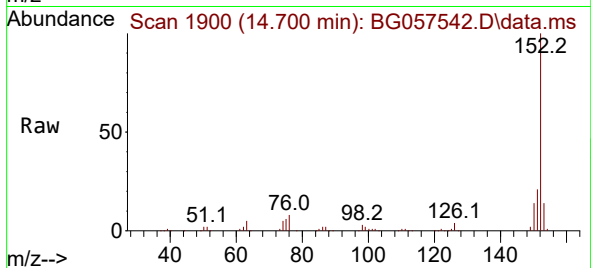
Tgt Ion:152 Resp: 230374

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 13.6 10.7 16.1



#50

Dimethylphthalate

Concen: 46.193 ng

RT: 14.412 min Scan# 1851

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

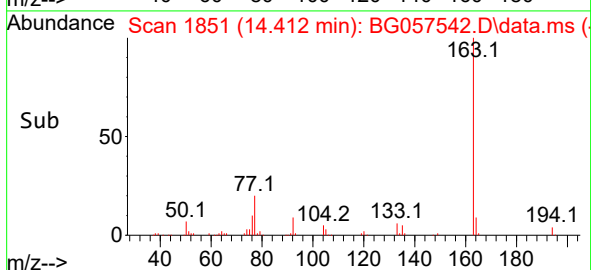
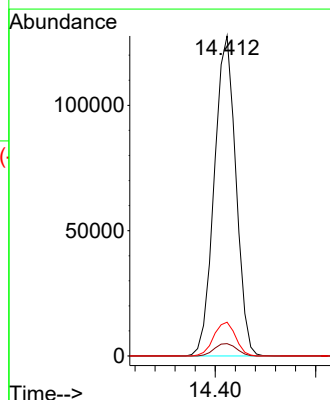
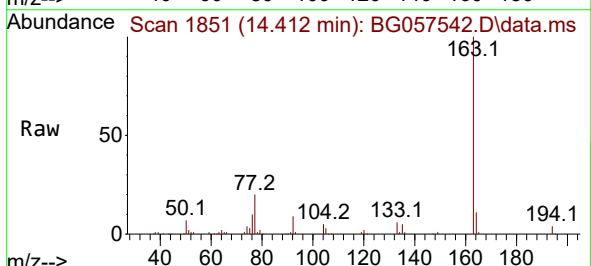
Tgt Ion:163 Resp: 190777

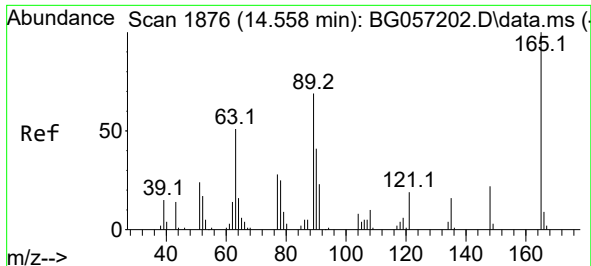
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

164 10.5 8.8 13.2

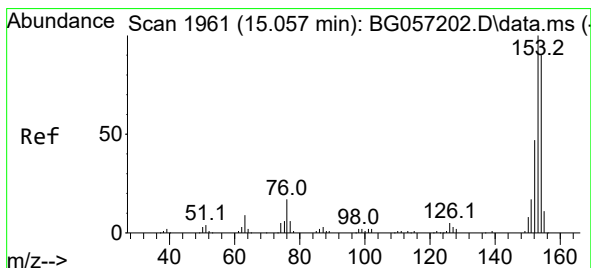
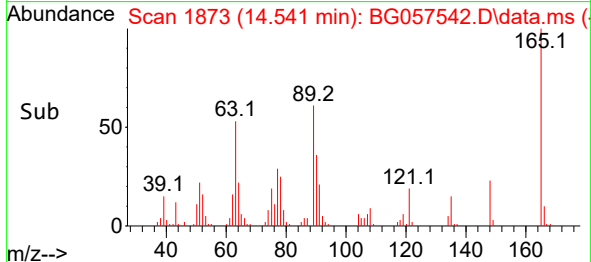
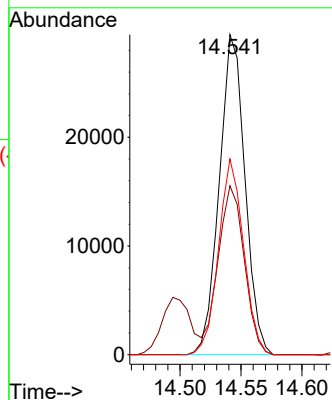
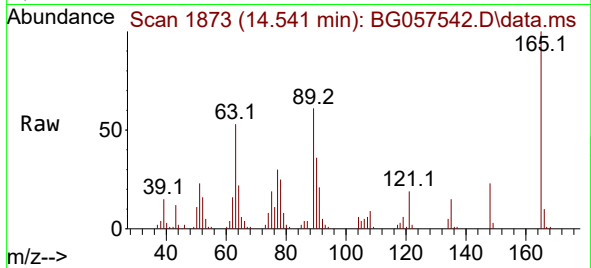




#51
2,6-Dinitrotoluene
Concen: 51.197 ng
RT: 14.541 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

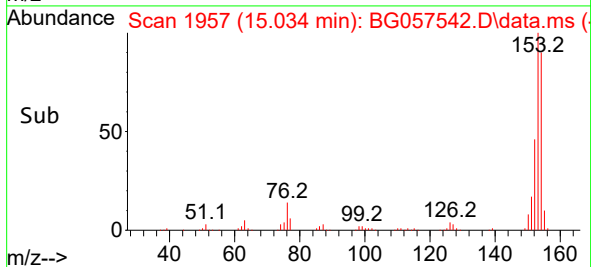
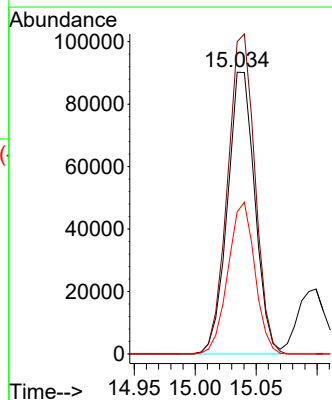
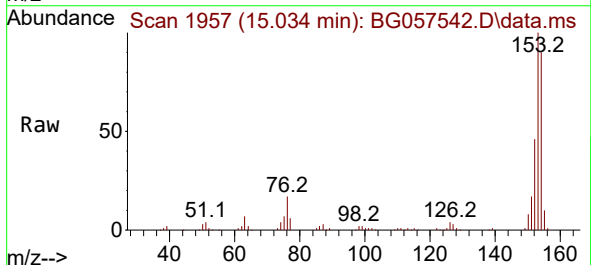
Instrument :
BNA_G
ClientSampleId :
SB08MS

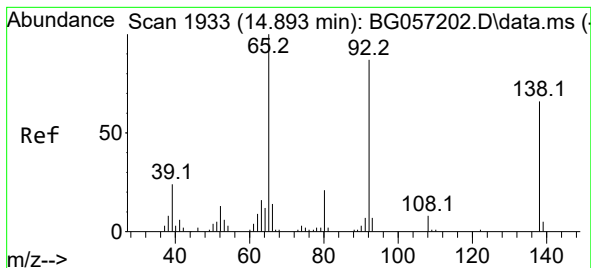
Tgt Ion:165 Resp: 43171
Ion Ratio Lower Upper
165 100
63 52.7 50.9 76.3
89 61.1 55.2 82.8



#52
Acenaphthene
Concen: 50.279 ng
RT: 15.034 min Scan# 1957
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:154 Resp: 141553
Ion Ratio Lower Upper
154 100
153 110.8 89.3 133.9
152 50.5 41.7 62.5

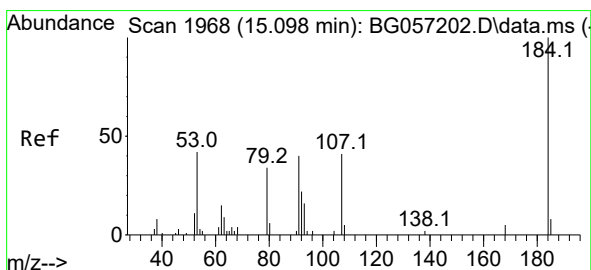
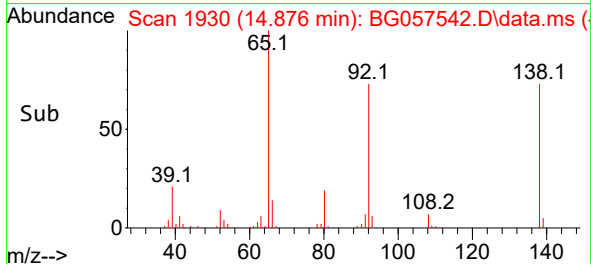
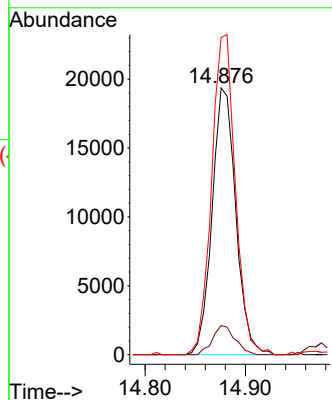
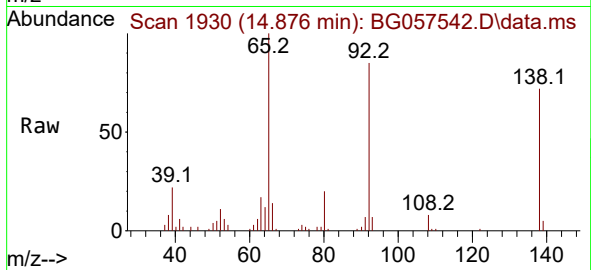




#53
3-Nitroaniline
Concen: 37.578 ng
RT: 14.876 min Scan# 1930
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

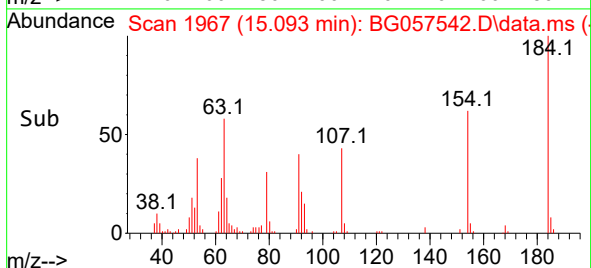
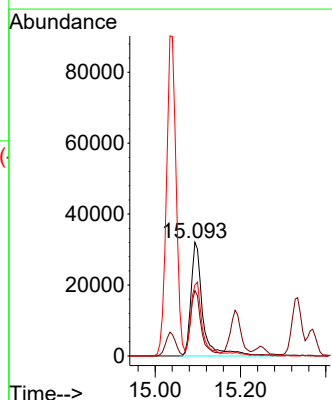
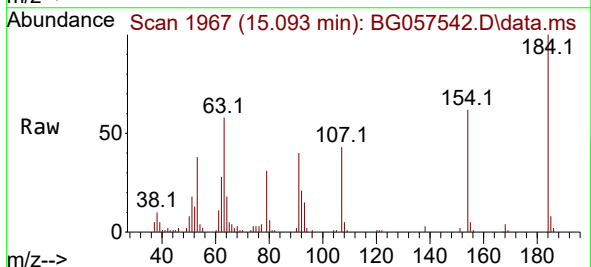
Instrument :
BNA_G
ClientSampleId :
SB08MS

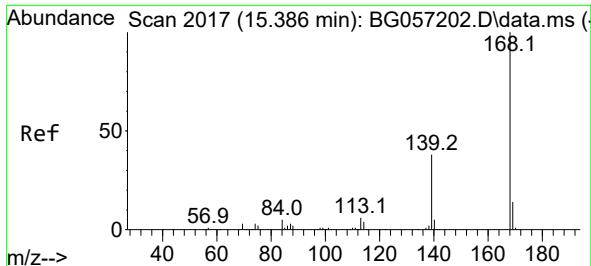
Tgt Ion:138 Resp: 31745
Ion Ratio Lower Upper
138 100
108 10.9 9.5 14.3
92 119.0 106.2 159.4



#54
2,4-Dinitrophenol
Concen: 116.008 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:184 Resp: 61811
Ion Ratio Lower Upper
184 100
63 57.5 48.2 72.4
154 62.4 55.4 83.2

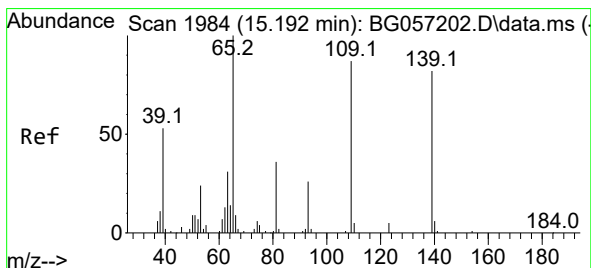
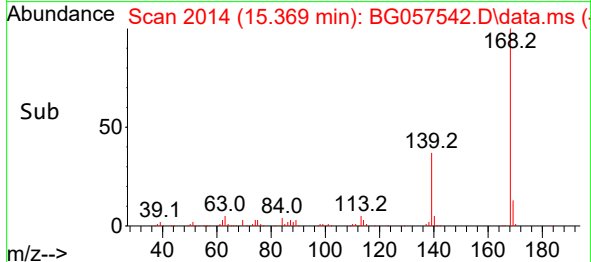
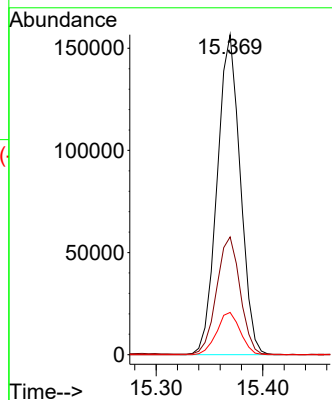
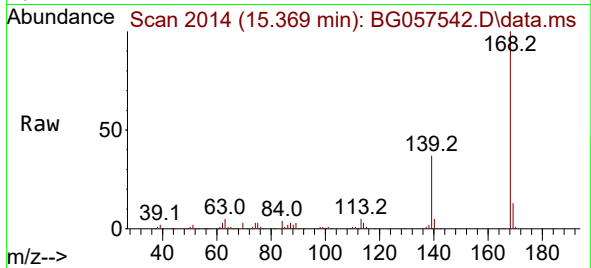




#55
Dibenzenofuran
Concen: 49.717 ng
RT: 15.369 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

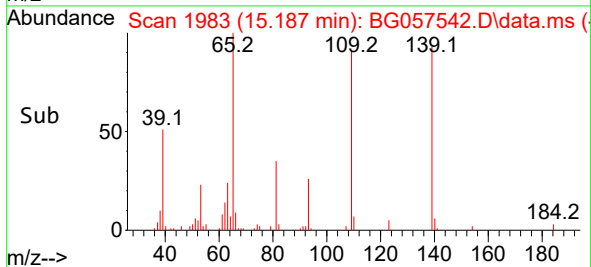
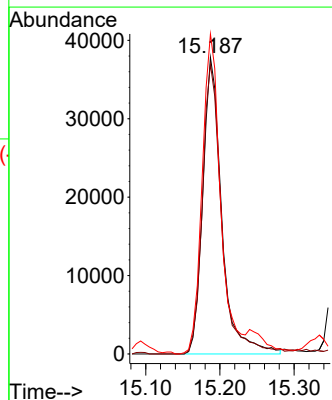
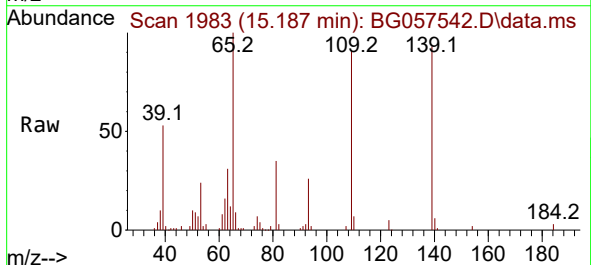
Instrument :
BNA_G
ClientSampleId :
SB08MS

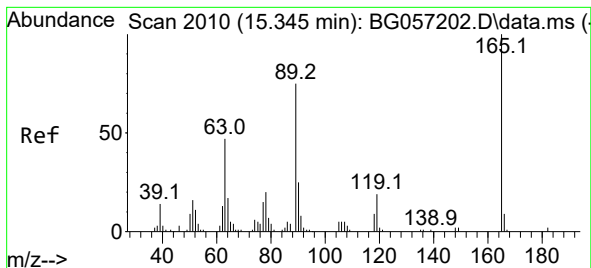
Tgt Ion:168 Resp: 235179
Ion Ratio Lower Upper
168 100
139 36.8 30.7 46.1
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 120.016 ng
RT: 15.187 min Scan# 1983
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:139 Resp: 67431
Ion Ratio Lower Upper
139 100
109 97.7 86.6 126.6
65 107.9 102.6 142.6

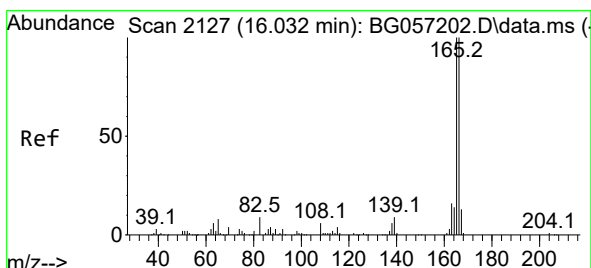
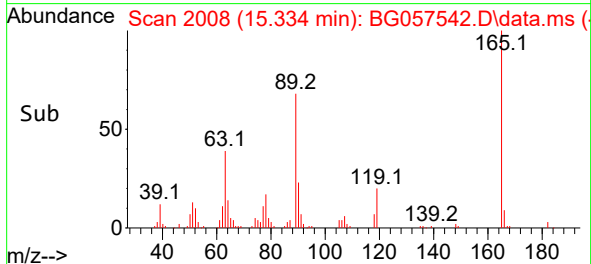
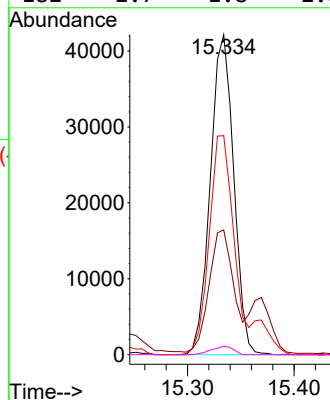
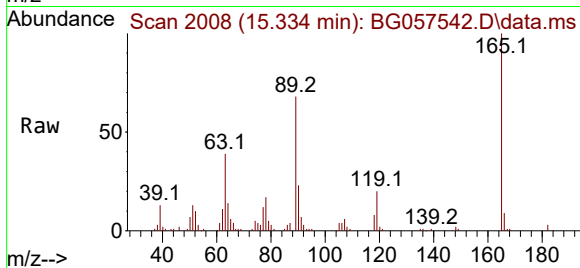




#57
2,4-Dinitrotoluene
Concen: 53.258 ng
RT: 15.334 min Scan# 2010
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

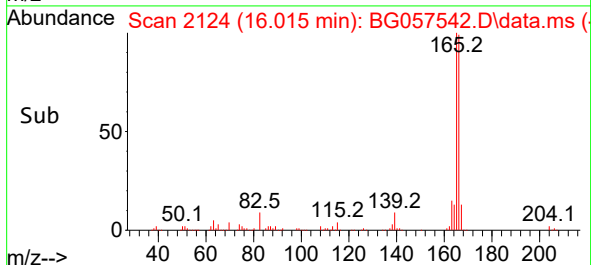
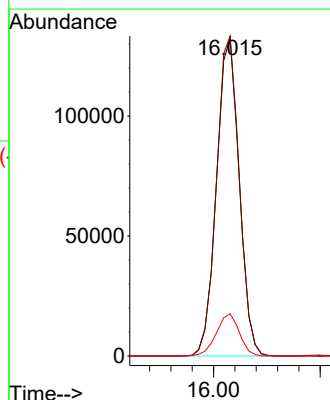
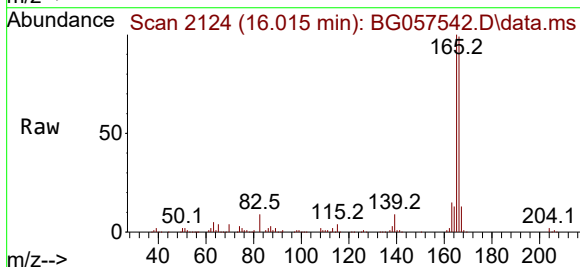
Instrument :
BNA_G
ClientSampleId :
SB08MS

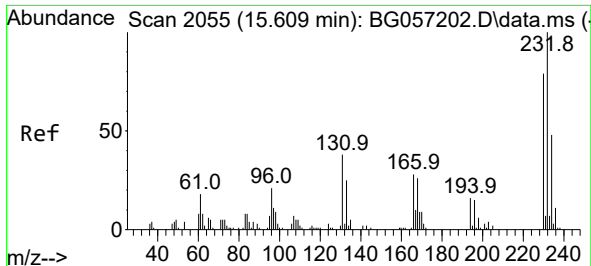
Tgt Ion:165 Resp: 64182
Ion Ratio Lower Upper
165 100
63 39.0 37.5 56.3
89 68.5 60.2 90.4
182 2.7 1.8 2.8



#58
Fluorene
Concen: 49.976 ng
RT: 16.015 min Scan# 2124
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:166 Resp: 194725
Ion Ratio Lower Upper
166 100
165 100.6 80.1 120.1
167 13.3 10.2 15.2

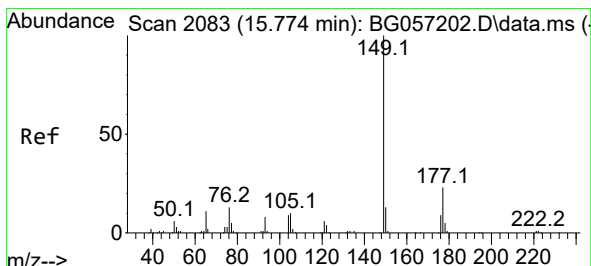
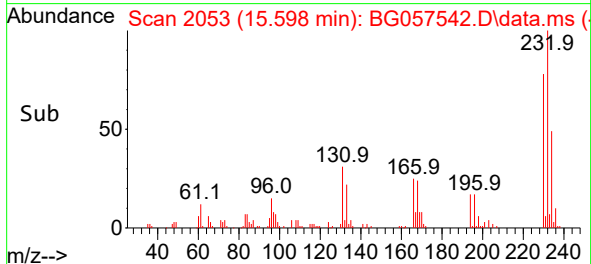
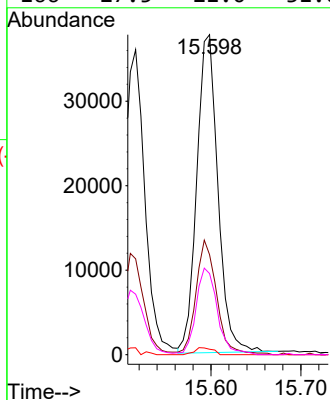
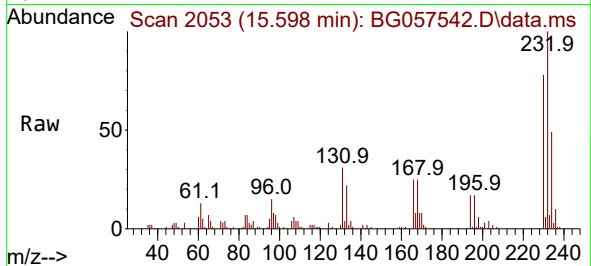




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.039 ng
RT: 15.598 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

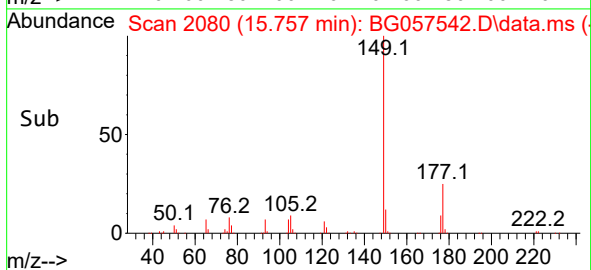
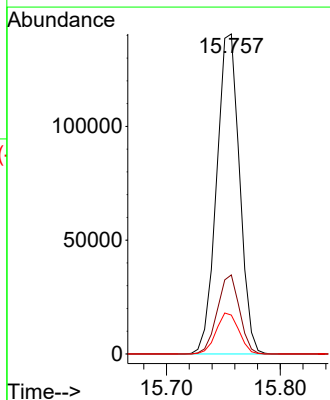
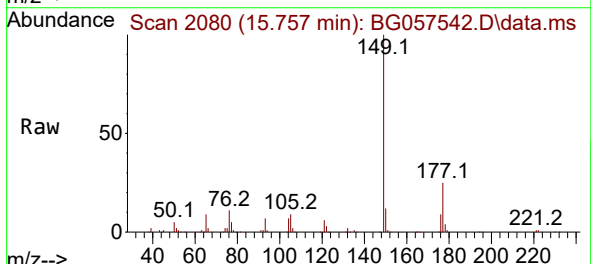
Instrument :
BNA_G
ClientSampleId :
SB08MS

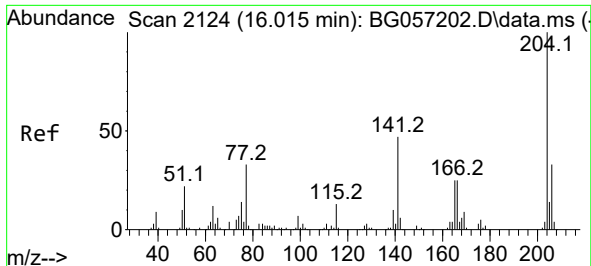
Tgt Ion:232 Resp: 61484
Ion Ratio Lower Upper
232 100
131 35.2 28.6 42.8
130 1.9 1.6 2.4
166 27.5 21.0 31.6



#60
Diethylphthalate
Concen: 46.935 ng
RT: 15.757 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:149 Resp: 196851
Ion Ratio Lower Upper
149 100
177 24.7 18.3 27.5
150 12.2 10.1 15.1





#61

4-Chlorophenyl-phenylether

Concen: 47.817 ng

RT: 15.992 min Scan# 2120

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

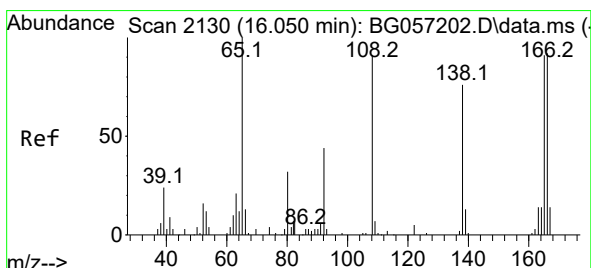
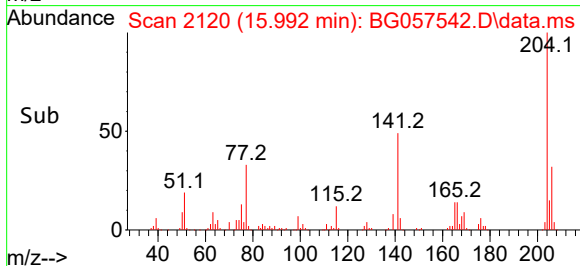
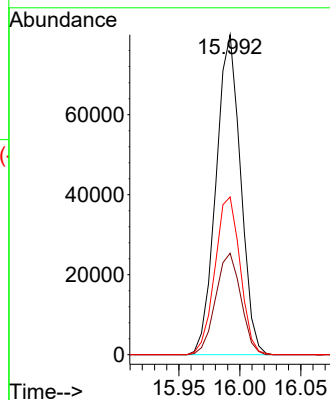
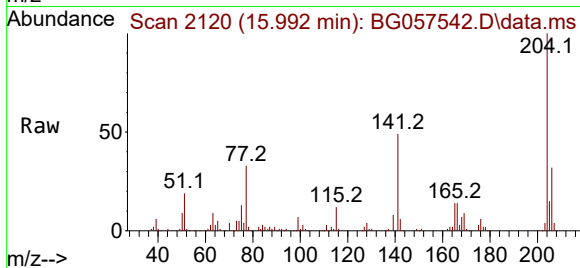
Tgt Ion:204 Resp: 112239

Ion Ratio Lower Upper

204 100

206 31.7 26.5 39.7

141 49.3 37.4 56.0



#62

4-Nitroaniline

Concen: 54.169 ng

RT: 16.039 min Scan# 2128

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

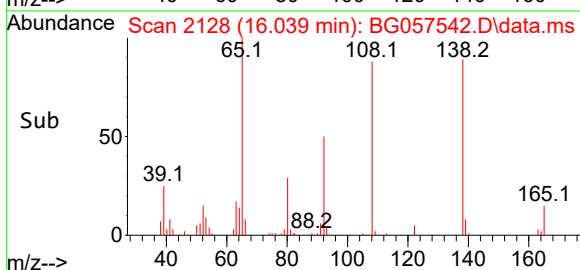
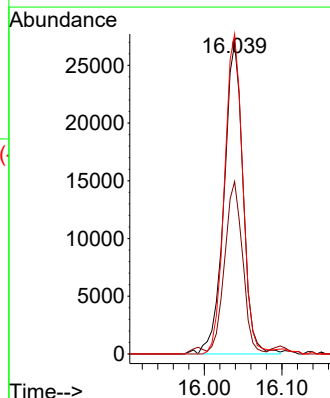
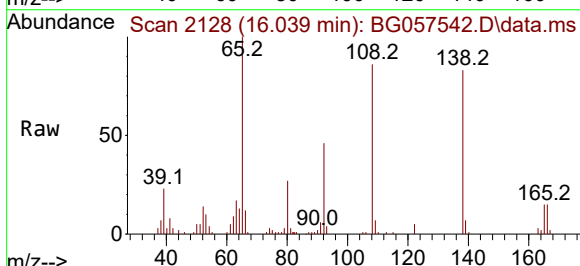
Tgt Ion:138 Resp: 46164

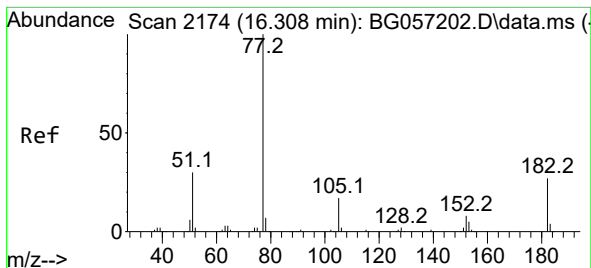
Ion Ratio Lower Upper

138 100

92 55.5 38.2 78.2

108 103.1 99.6 139.6





#63

Azobenzene

Concen: 47.973 ng

RT: 16.286 min Scan# 2170

Delta R.T. -0.005 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

Tgt Ion: 77 Resp: 194135

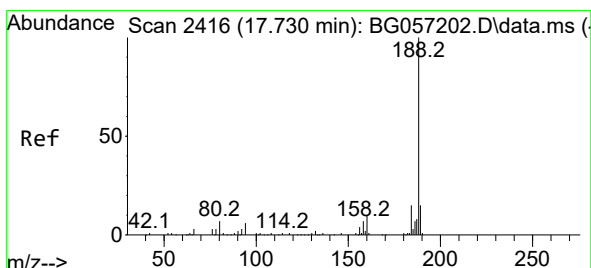
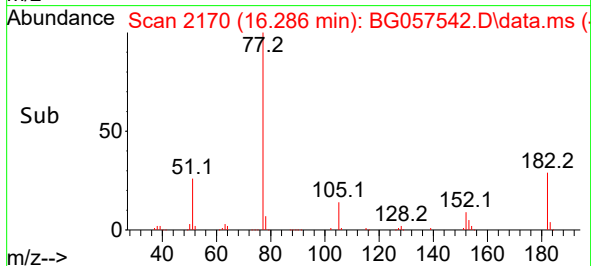
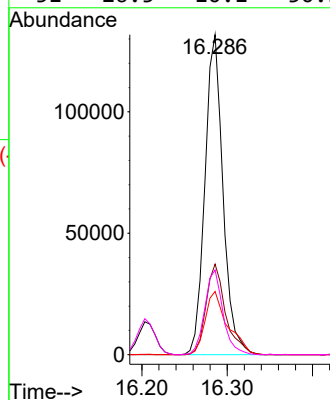
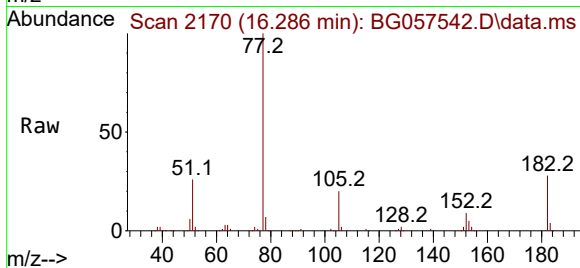
Ion Ratio Lower Upper

77 100

182 28.3 7.4 47.4

105 19.8 0.0 37.2

51 26.5 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.713 min Scan# 2413

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

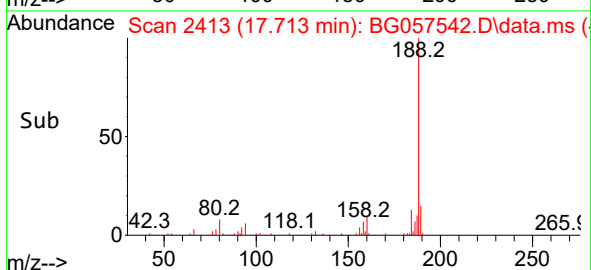
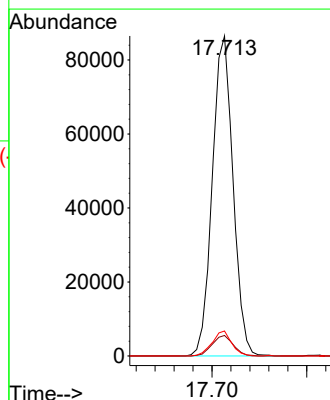
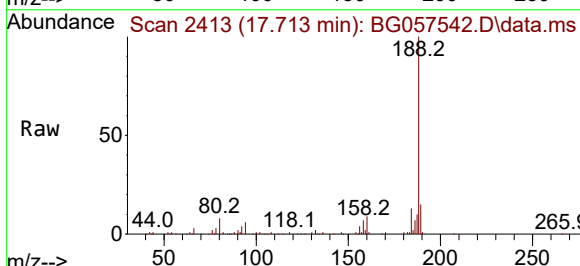
Tgt Ion:188 Resp: 130936

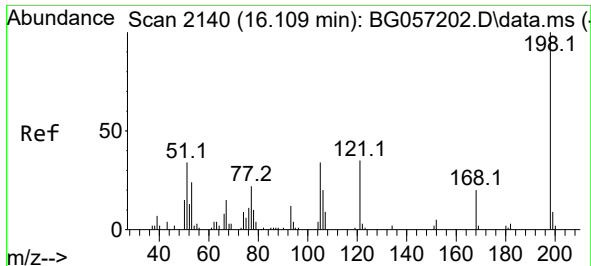
Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

80 7.8 5.7 8.5

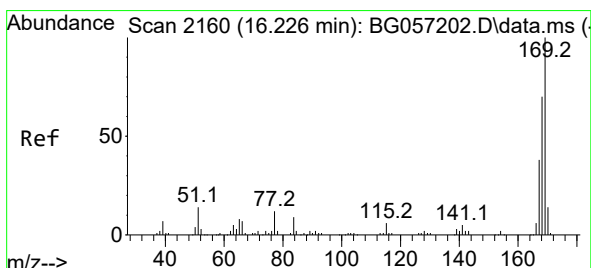
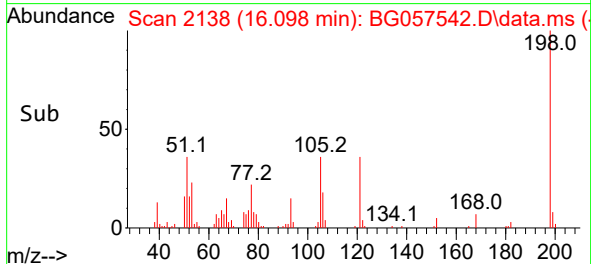
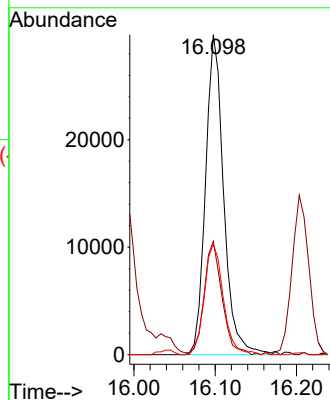
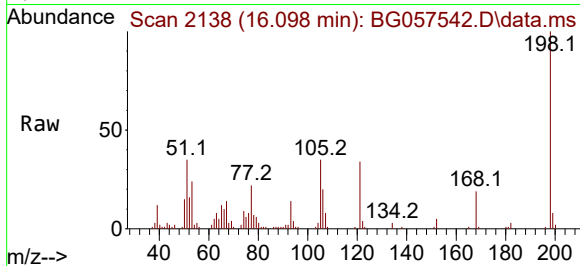




#65
4,6-Dinitro-2-methylphenol
Concen: 59.090 ng
RT: 16.098 min Scan# 2115
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

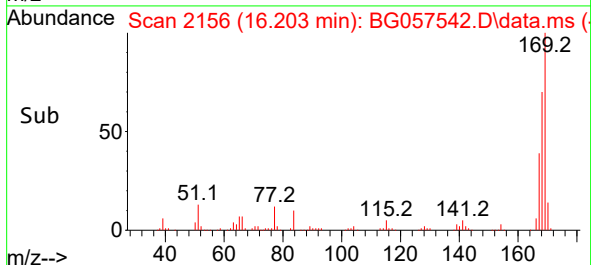
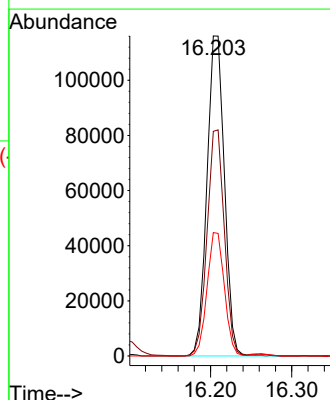
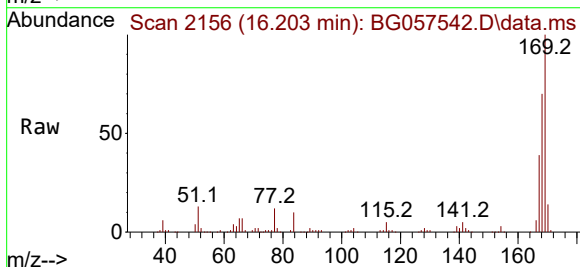
Instrument :
BNA_G
ClientSampleId :
SB08MS

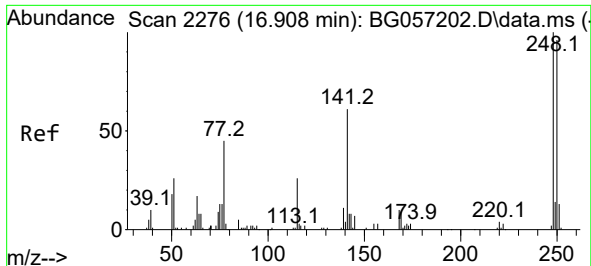
Tgt Ion:198 Resp: 46193
Ion Ratio Lower Upper
198 100
51 35.4 16.1 56.1
105 34.7 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 48.586 ng
RT: 16.203 min Scan# 2156
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:169 Resp: 172782
Ion Ratio Lower Upper
169 100
168 70.2 56.2 84.4
167 38.5 30.2 45.4

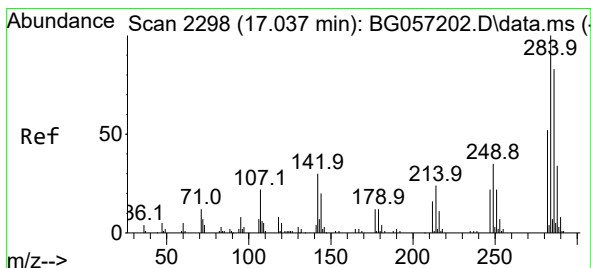
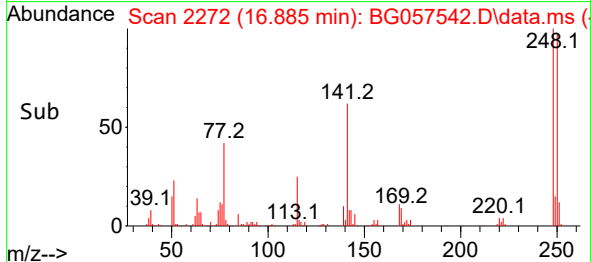
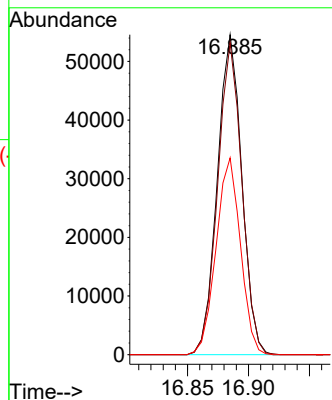
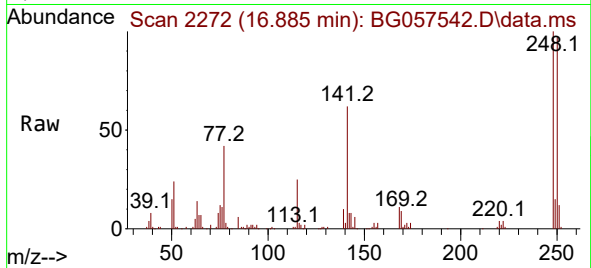




#67
4-Bromophenyl-phenylether
Concen: 47.681 ng
RT: 16.885 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

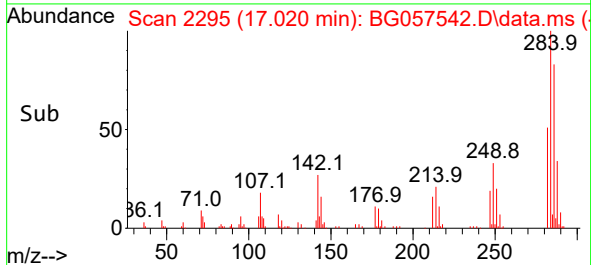
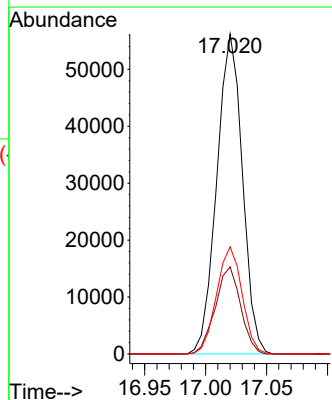
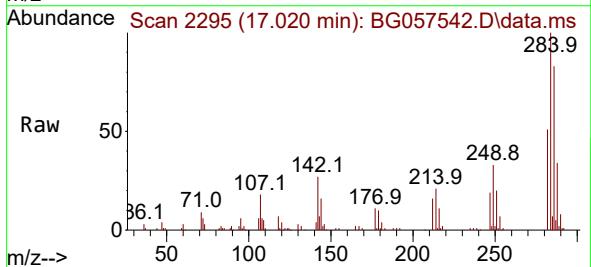
Instrument :
BNA_G
ClientSampleId :
SB08MS

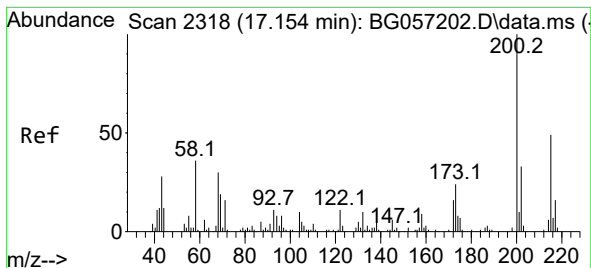
Tgt Ion:248 Resp: 76214
Ion Ratio Lower Upper
248 100
250 97.5 77.0 115.6
141 61.5 48.6 72.8



#68
Hexachlorobenzene
Concen: 52.819 ng
RT: 17.020 min Scan# 2295
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:284 Resp: 82043
Ion Ratio Lower Upper
284 100
142 27.2 23.9 35.9
249 33.5 27.7 41.5





#69

Atrazine

Concen: 61.869 ng

RT: 17.137 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

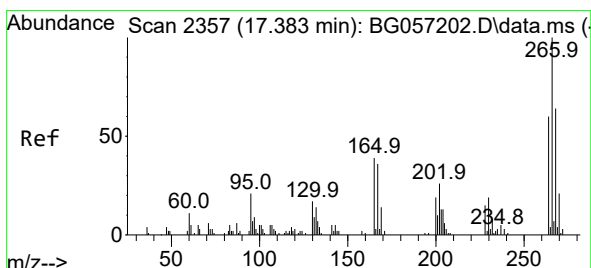
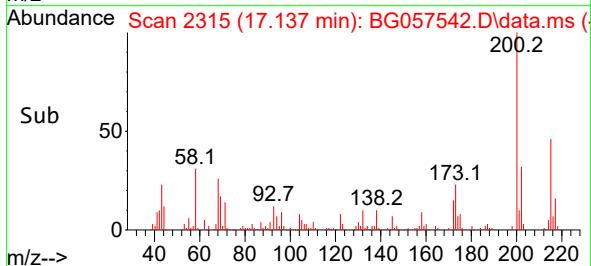
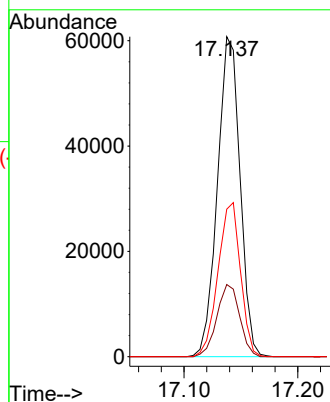
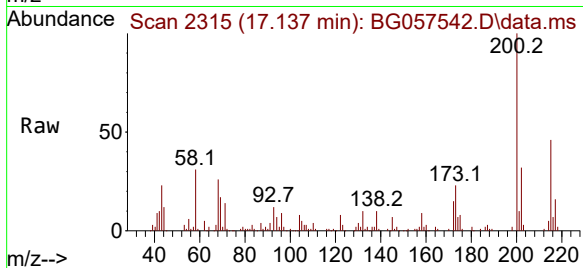
Tgt Ion:200 Resp: 83930

Ion Ratio Lower Upper

200 100

173 22.6 4.3 44.3

215 46.1 29.3 69.3



#70

Pentachlorophenol

Concen: 98.039 ng

RT: 17.367 min Scan# 2354

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

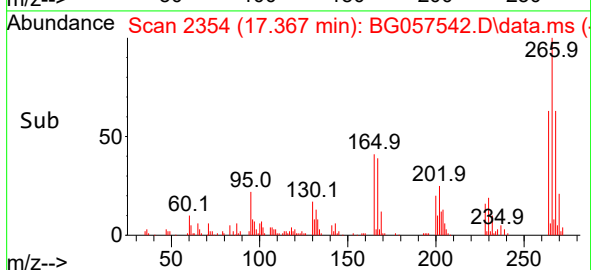
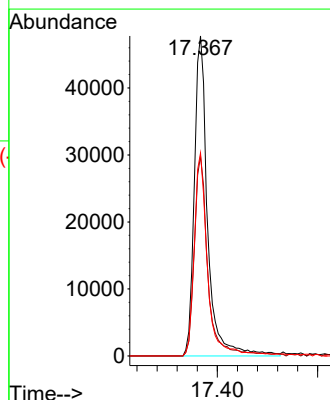
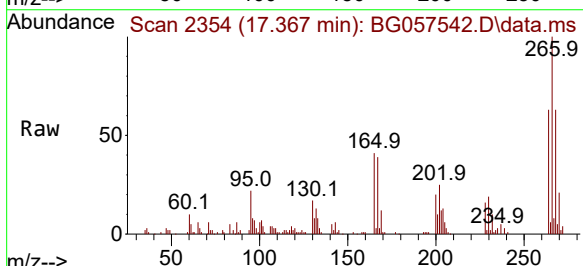
Tgt Ion:266 Resp: 87763

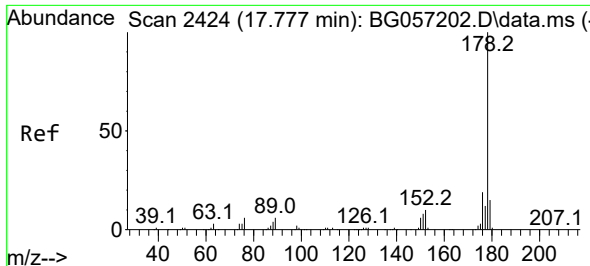
Ion Ratio Lower Upper

266 100

268 62.6 51.0 76.6

264 63.4 47.8 71.6

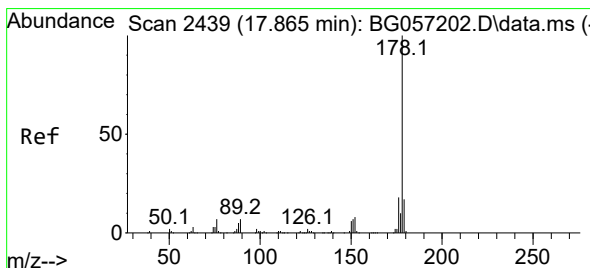
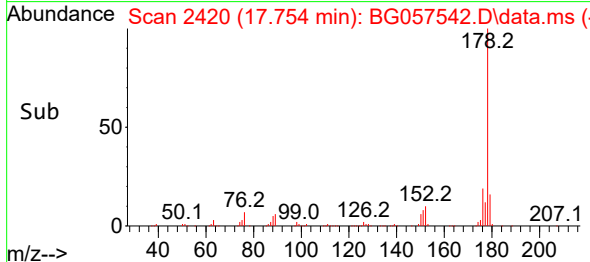
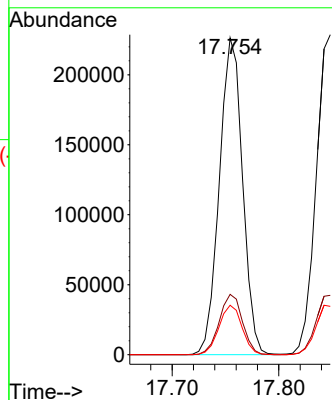
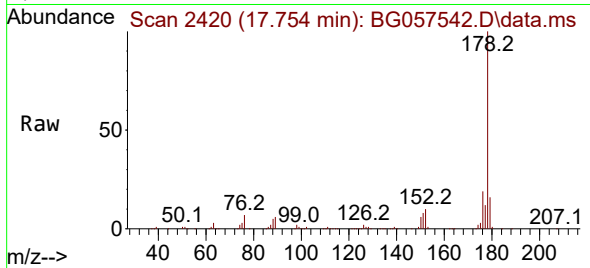




#71
Phenanthrene
Concen: 50.937 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

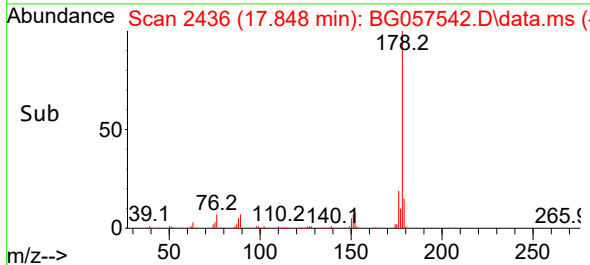
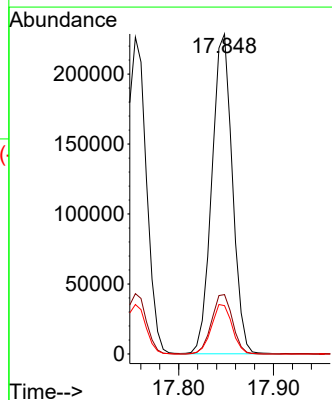
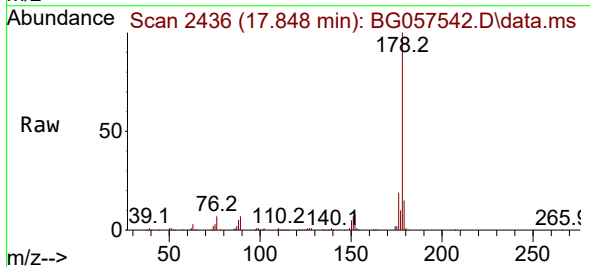
Instrument :
BNA_G
ClientSampleId :
SB08MS

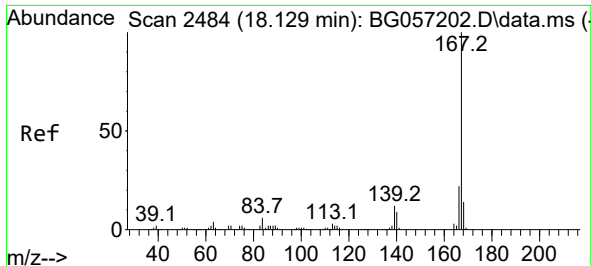
Tgt Ion:178 Resp: 341758
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 12.3 18.5



#72
Anthracene
Concen: 49.815 ng
RT: 17.848 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:178 Resp: 342950
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.1 13.2 19.8

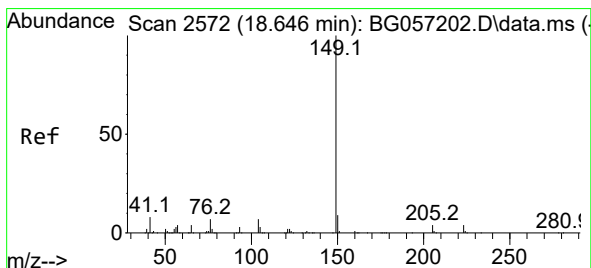
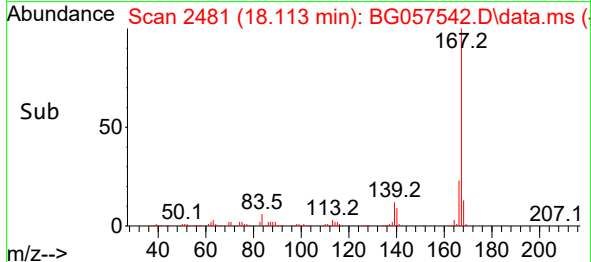
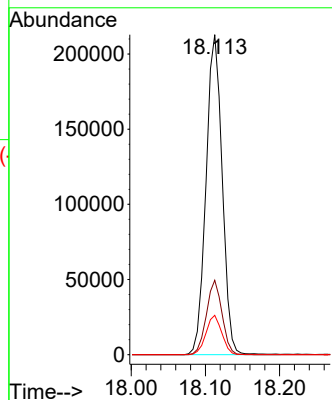
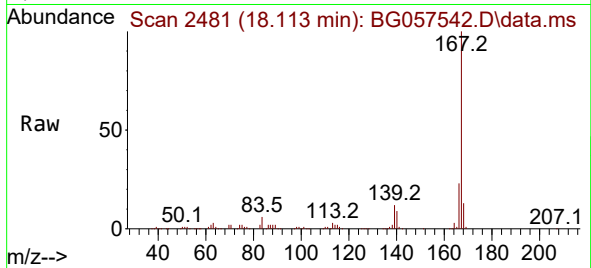




#73
Carbazole
Concen: 55.563 ng
RT: 18.113 min Scan# 24
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

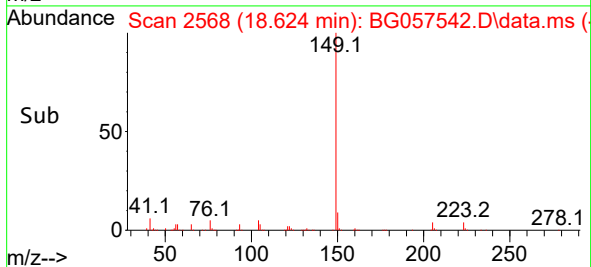
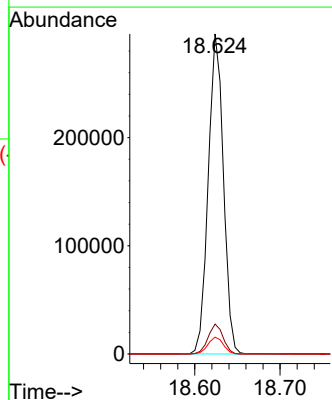
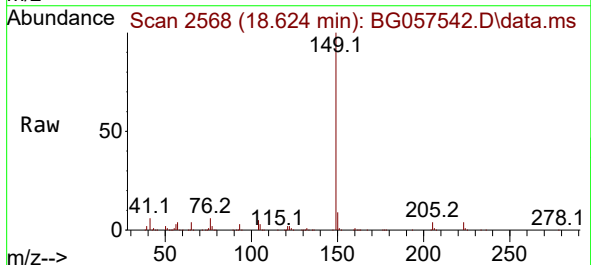
Instrument :
BNA_G
ClientSampleId :
SB08MS

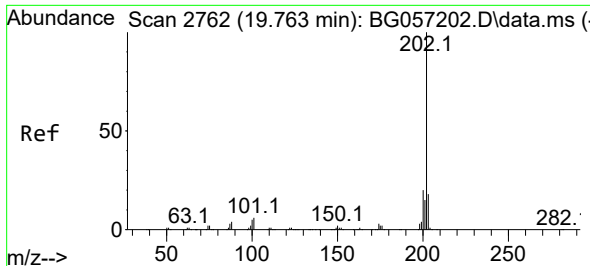
Tgt Ion:167 Resp: 322032
Ion Ratio Lower Upper
167 100
166 23.3 17.4 26.0
139 12.3 9.6 14.4



#74
Di-n-butylphthalate
Concen: 54.745 ng
RT: 18.624 min Scan# 2568
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:149 Resp: 365056
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.2 5.4 8.2#

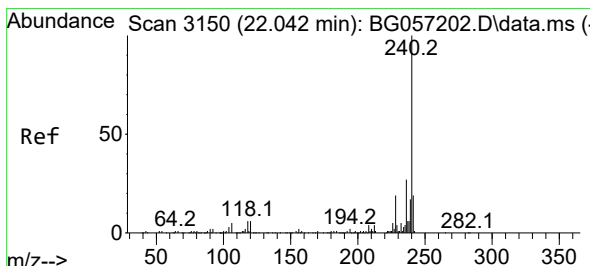
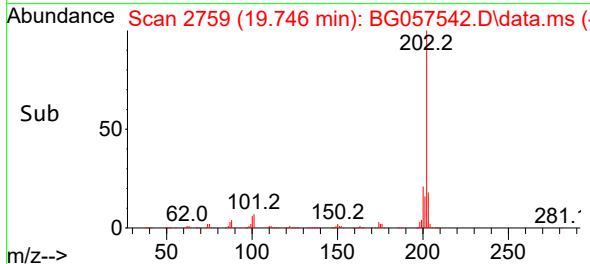
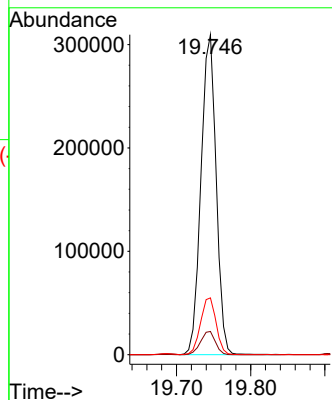
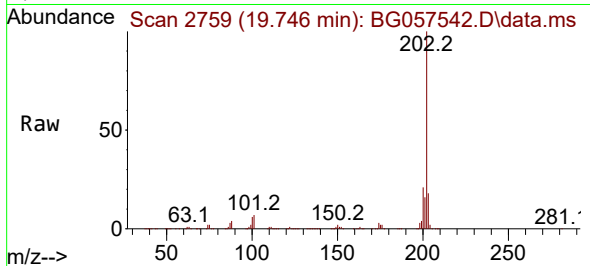




#75
Fluoranthene
Concen: 52.671 ng
RT: 19.746 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

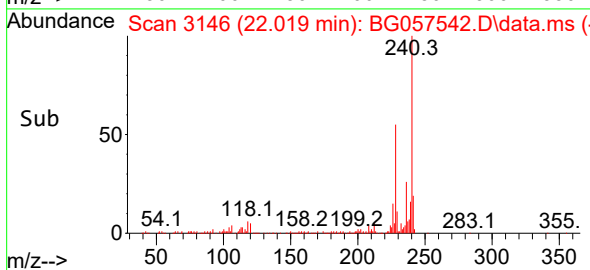
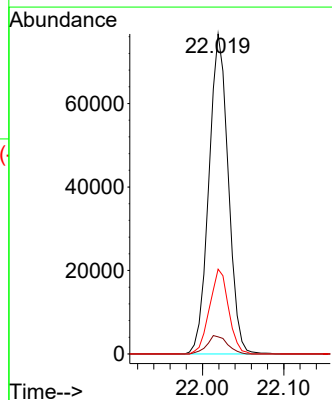
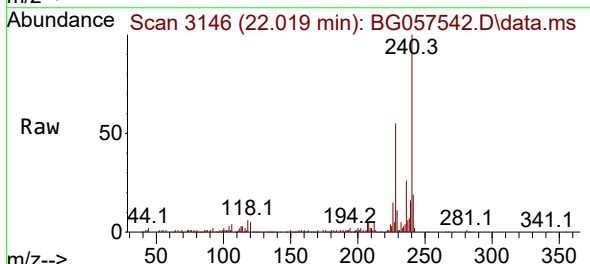
Instrument :
BNA_G
ClientSampleId :
SB08MS

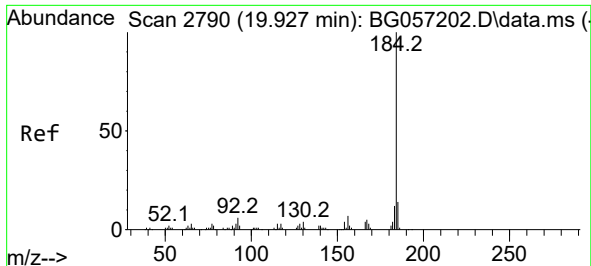
Tgt Ion:202 Resp: 439528
Ion Ratio Lower Upper
202 100
101 7.3 0.0 26.2
203 17.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3146
Delta R.T. -0.016 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:240 Resp: 127111
Ion Ratio Lower Upper
240 100
120 5.3 4.9 7.3
236 26.5 21.4 32.2

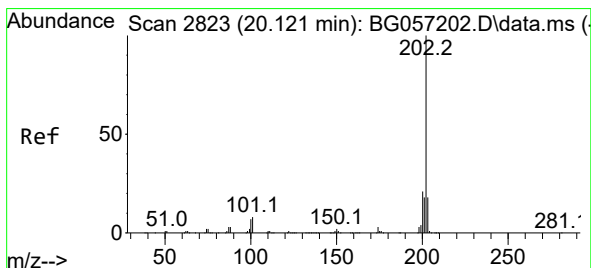
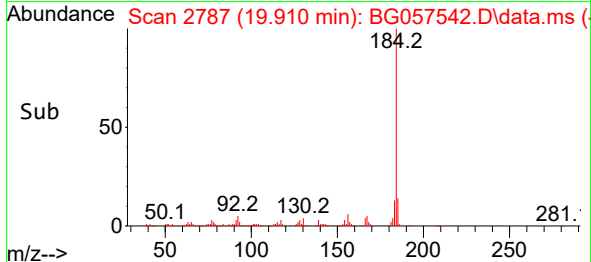
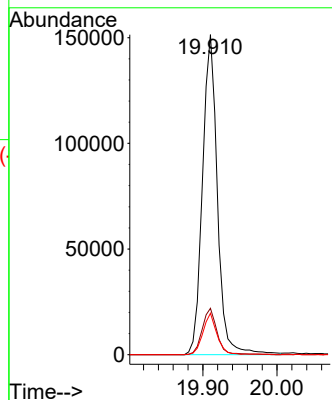
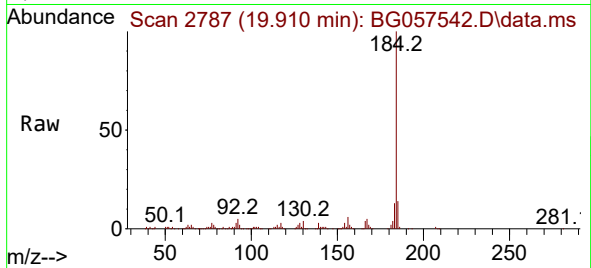




#77
Benzidine
Concen: 74.459 ng
RT: 19.910 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

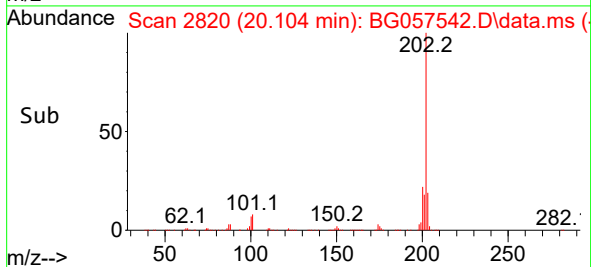
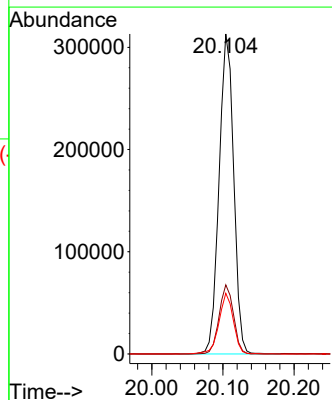
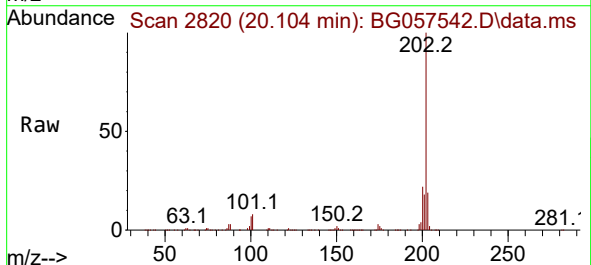
Instrument :
BNA_G
ClientSampleId :
SB08MS

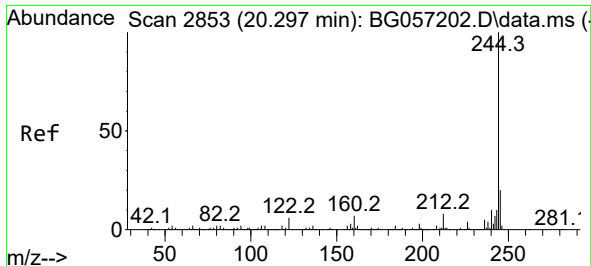
Tgt Ion:184 Resp: 211595
Ion Ratio Lower Upper
184 100
185 14.5 11.1 16.7
183 13.0 9.9 14.9



#78
Pyrene
Concen: 48.133 ng
RT: 20.104 min Scan# 2820
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:202 Resp: 444589
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 18.9 14.2 21.4

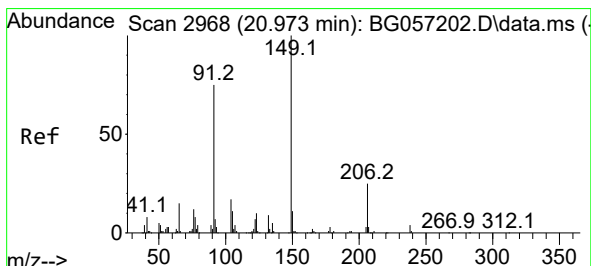
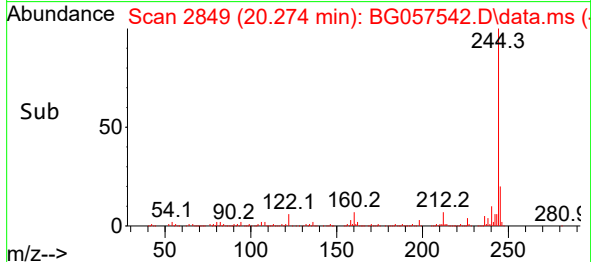
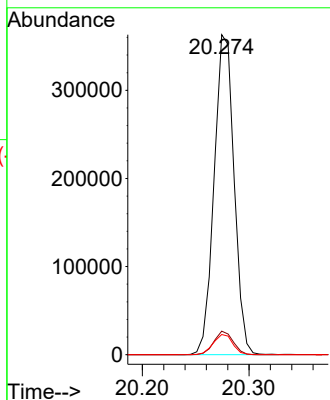
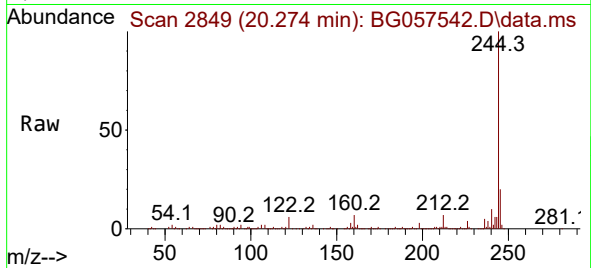




#79
 Terphenyl-d14
 Concen: 60.483 ng
 RT: 20.274 min Scan# 2849
 Delta R.T. -0.016 min
 Lab File: BG057542.D
 Acq: 24 May 2023 20:16

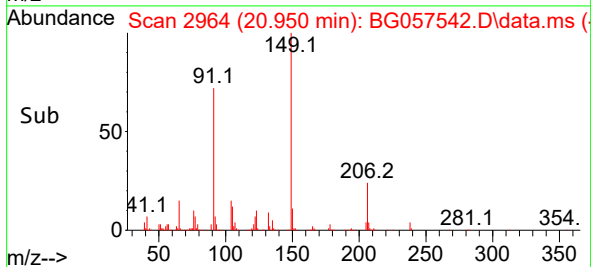
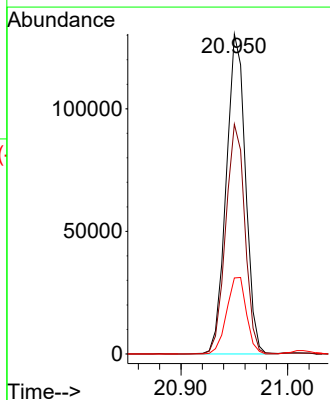
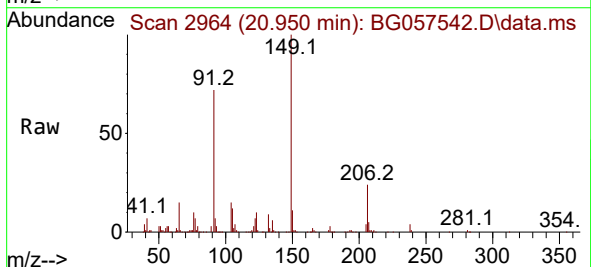
Instrument :
 BNA_G
 ClientSampleId :
 SB08MS

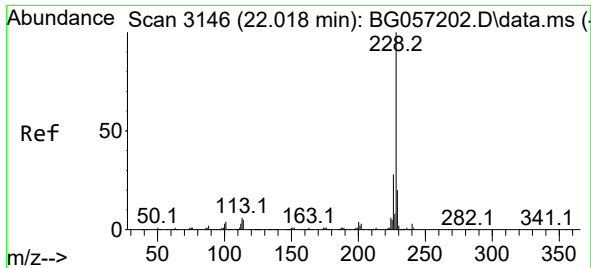
Tgt Ion:244 Resp: 471106
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.3 5.1 7.7



#80
 Butylbenzylphthalate
 Concen: 55.916 ng
 RT: 20.950 min Scan# 2964
 Delta R.T. -0.010 min
 Lab File: BG057542.D
 Acq: 24 May 2023 20:16

Tgt Ion:149 Resp: 163874
 Ion Ratio Lower Upper
 149 100
 91 71.8 59.7 89.5
 206 23.7 19.7 29.5

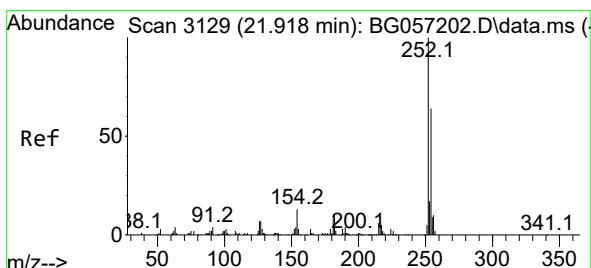
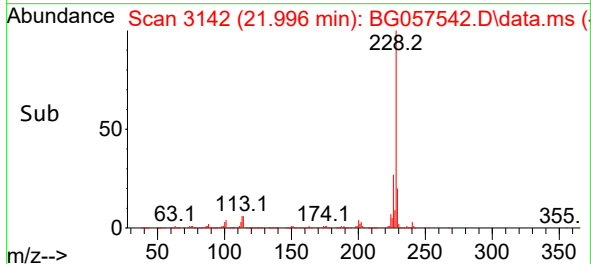
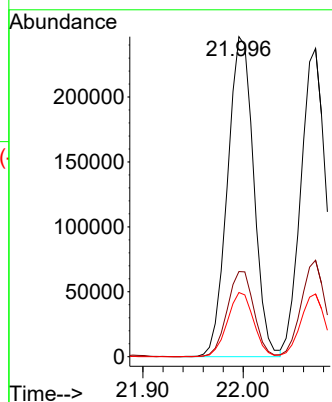
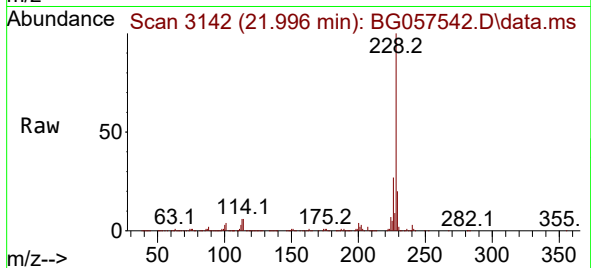




#81
Benzo(a)anthracene
Concen: 49.417 ng
RT: 21.996 min Scan# 3146
Delta R.T. -0.016 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

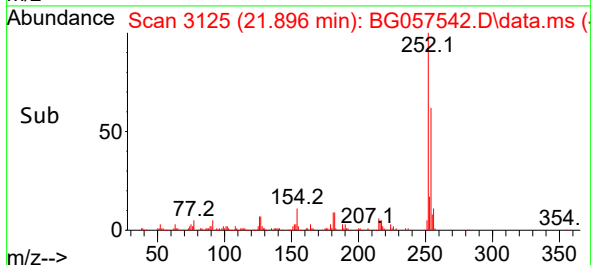
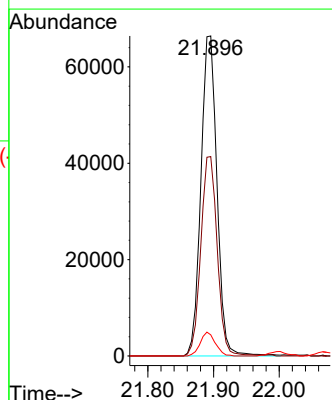
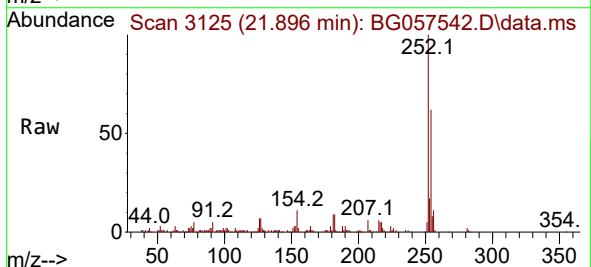
Instrument :
BNA_G
ClientSampleId :
SB08MS

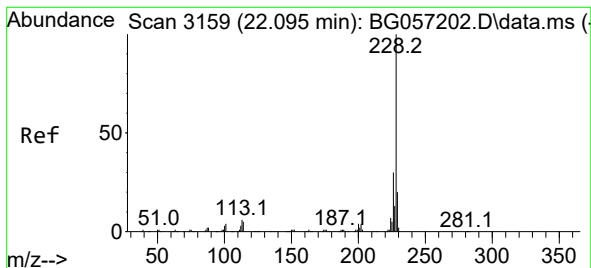
Tgt Ion:228 Resp: 447529
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 39.139 ng
RT: 21.896 min Scan# 3125
Delta R.T. -0.010 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:252 Resp: 113533
Ion Ratio Lower Upper
252 100
254 62.3 51.4 77.0
126 6.6 5.9 8.9





#83

Chrysene

Concen: 47.819 ng

RT: 22.072 min Scan# 3115

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

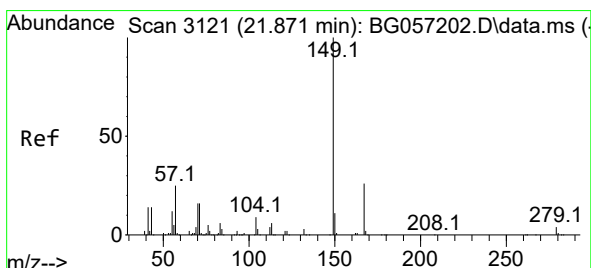
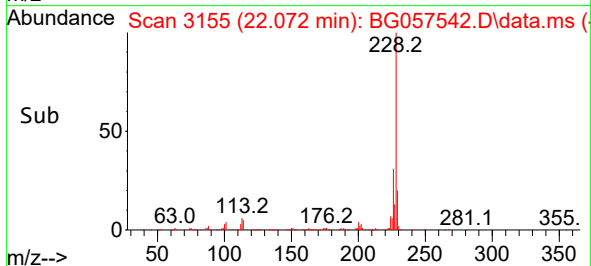
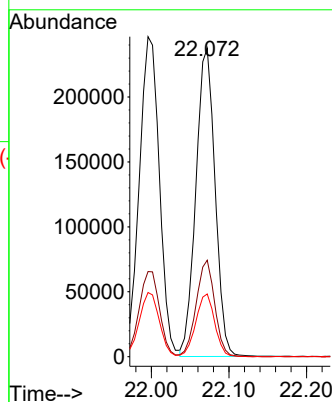
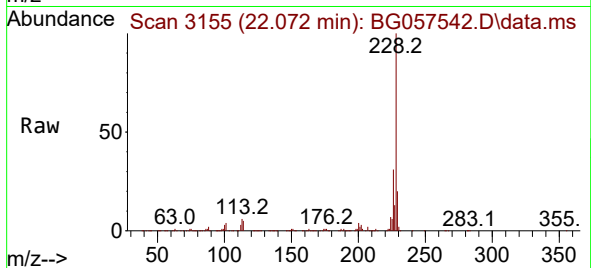
Tgt Ion:228 Resp: 407461

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

229 20.3 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.224 ng

RT: 21.837 min Scan# 3115

Delta R.T. -0.010 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

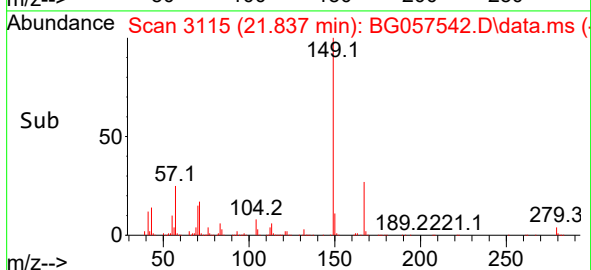
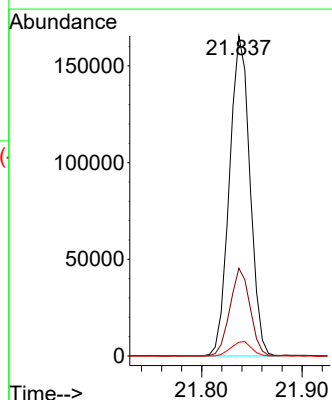
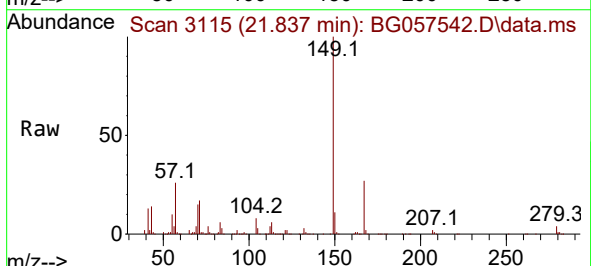
Tgt Ion:149 Resp: 235125

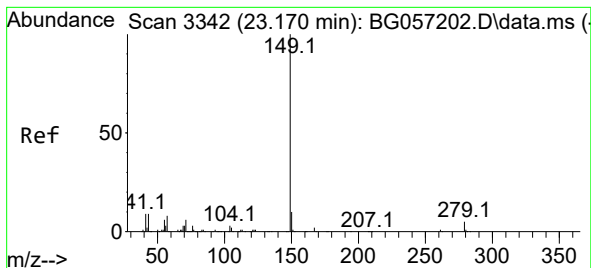
Ion Ratio Lower Upper

149 100

167 27.4 21.2 31.8

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 54.769 ng

RT: 23.129 min Scan# 31

Delta R.T. -0.016 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

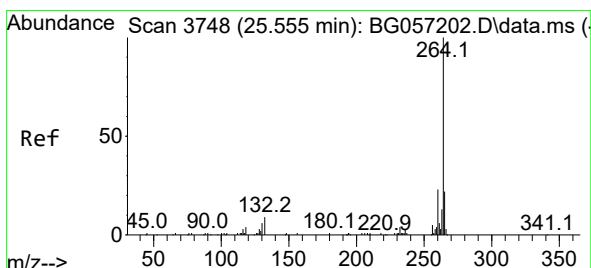
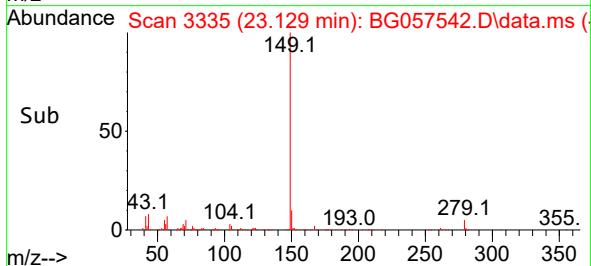
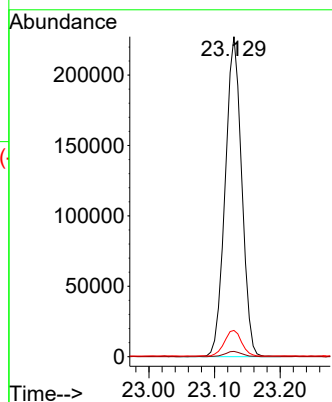
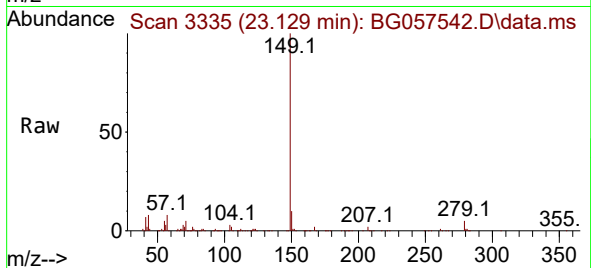
Tgt Ion:149 Resp: 395927

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.4 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.520 min Scan# 3742

Delta R.T. -0.022 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

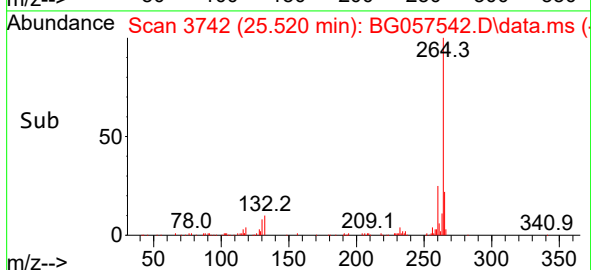
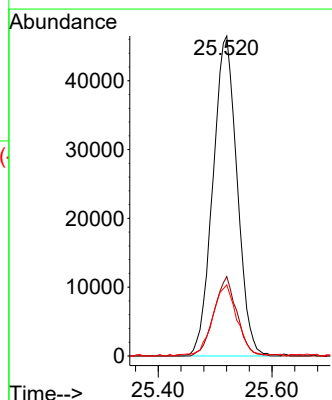
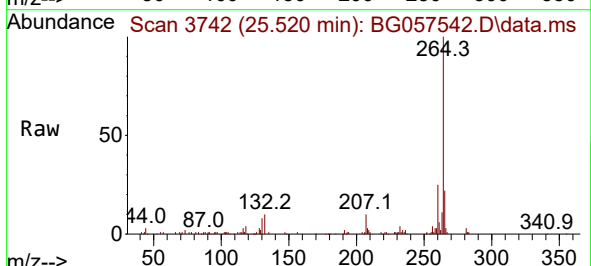
Tgt Ion:264 Resp: 137429

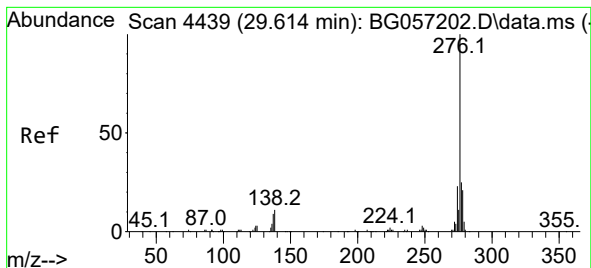
Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 22.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.905 ng

RT: 29.574 min Scan# 4432

Delta R.T. -0.046 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

Instrument :

BNA_G

ClientSampleId :

SB08MS

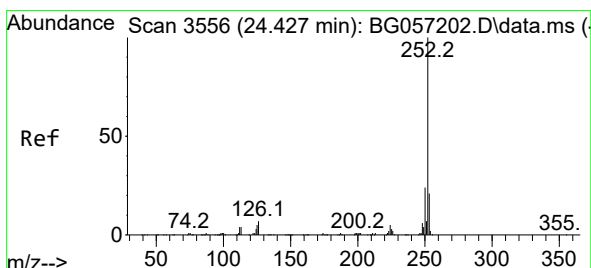
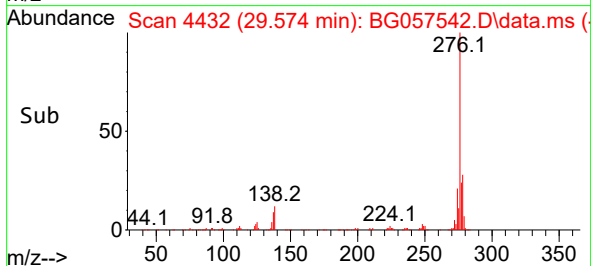
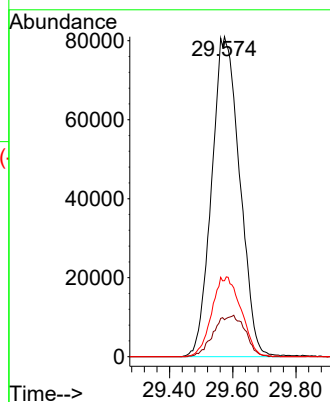
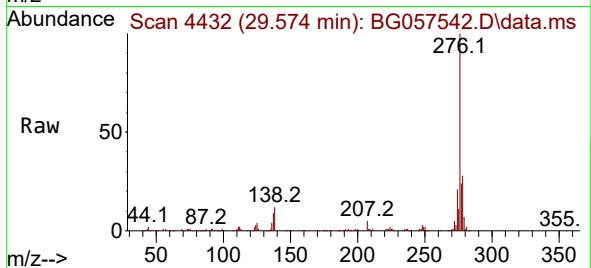
Tgt Ion:276 Resp: 499851

Ion Ratio Lower Upper

276 100

138 5.8 5.4 8.0

277 26.0 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 50.037 ng

RT: 24.398 min Scan# 3551

Delta R.T. -0.022 min

Lab File: BG057542.D

Acq: 24 May 2023 20:16

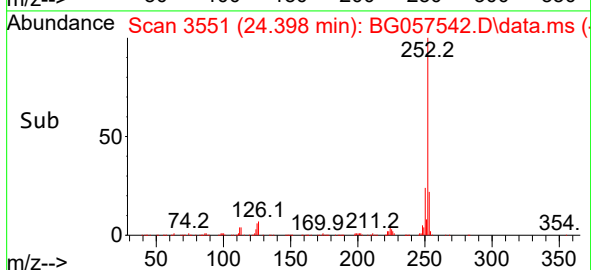
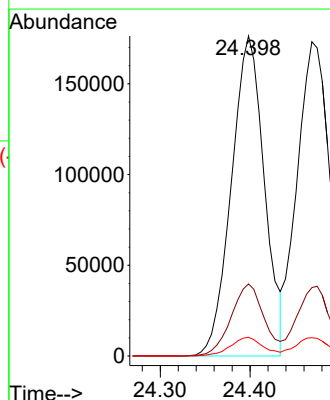
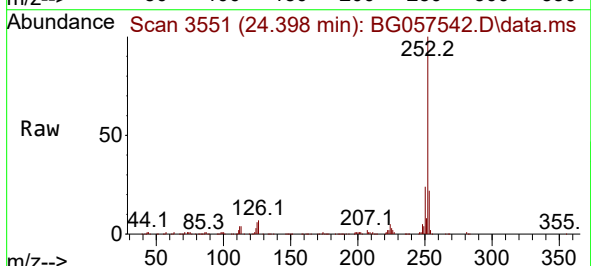
Tgt Ion:252 Resp: 449516

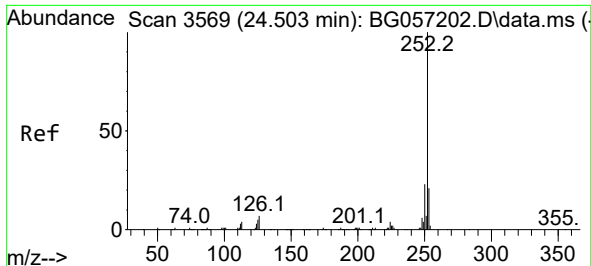
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 5.9 4.2 6.2

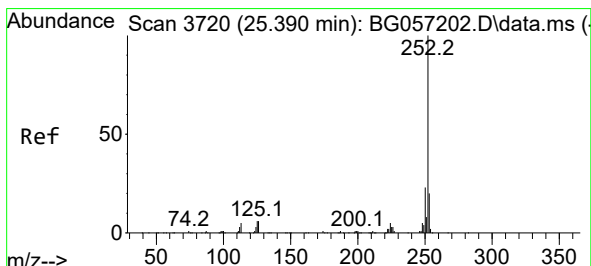
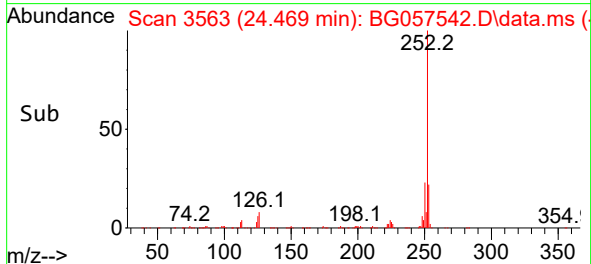
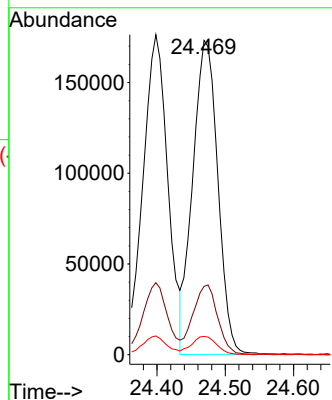
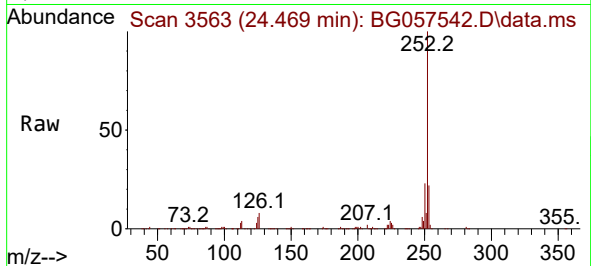




#89
Benzo(k)fluoranthene
Concen: 48.300 ng
RT: 24.469 min Scan# 3114
Delta R.T. -0.028 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

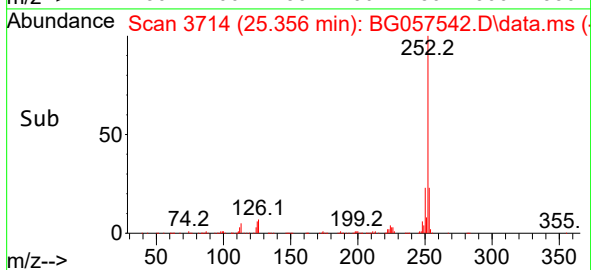
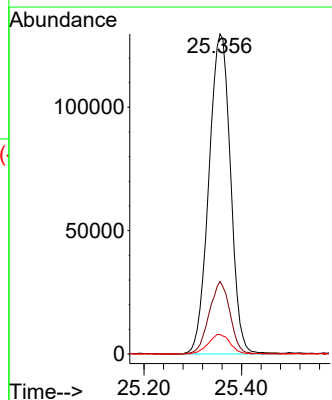
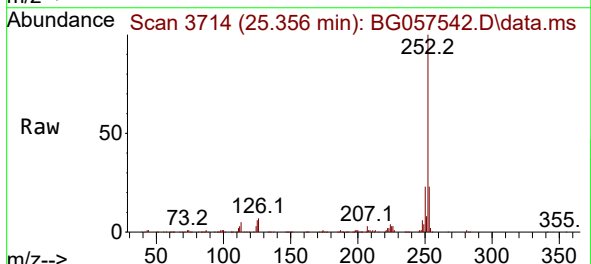
Instrument :
BNA_G
ClientSampleId :
SB08MS

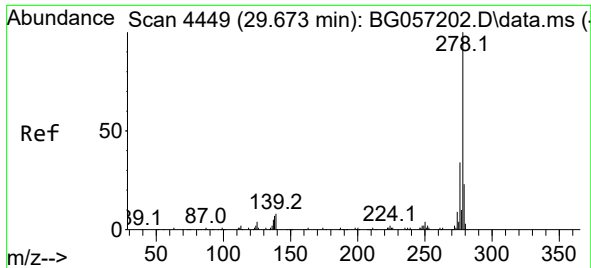
Tgt Ion:252 Resp: 440928
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 5.8 4.1 6.1



#90
Benzo(a)pyrene
Concen: 45.505 ng
RT: 25.356 min Scan# 3714
Delta R.T. -0.028 min
Lab File: BG057542.D
Acq: 24 May 2023 20:16

Tgt Ion:252 Resp: 399385
Ion Ratio Lower Upper
252 100
253 22.6 16.3 24.5
125 6.1 5.0 7.4

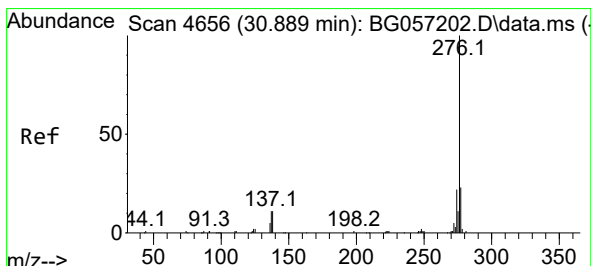
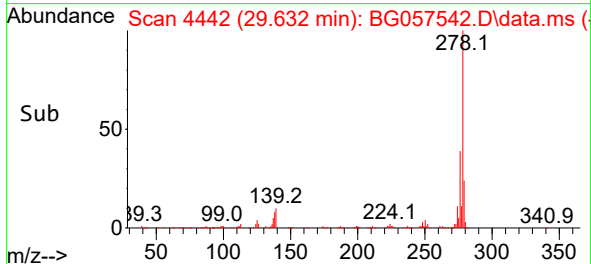
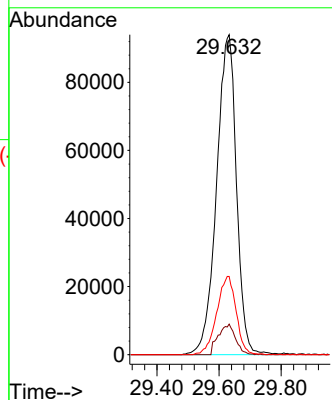
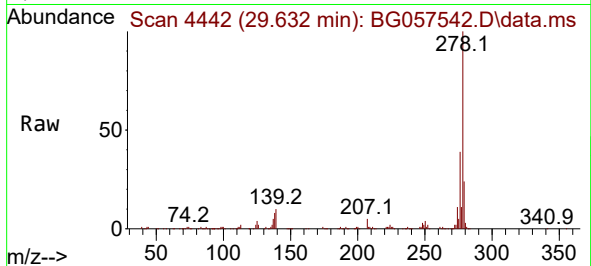




#91
 Dibenzo(a,h)anthracene
 Concen: 50.136 ng
 RT: 29.632 min Scan# 4442
 Delta R.T. -0.028 min
 Lab File: BG057542.D
 Acq: 24 May 2023 20:16

Instrument :
 BNA_G
 ClientSampleId :
 SB08MS

Tgt Ion:278 Resp: 418199
 Ion Ratio Lower Upper
 278 100
 139 9.6 6.2 9.2#
 279 24.4 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 49.723 ng
 RT: 30.848 min Scan# 4649
 Delta R.T. -0.046 min
 Lab File: BG057542.D
 Acq: 24 May 2023 20:16

Tgt Ion:276 Resp: 404977
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.4 27.6
 138 12.2 9.0 13.4

