

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057650.D
 Acq On : 6 Jun 2023 23:45
 Operator : CG/JU
 Sample : 03001-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP16-0AMSD

Quant Time: Jun 07 02:51:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.339	152	21867	20.000	ng	0.00
21) Naphthalene-d8	11.177	136	95838	20.000	ng	# 0.00
39) Acenaphthene-d10	14.954	164	73333	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	179622	20.000	ng	0.00
76) Chrysene-d12	22.003	240	158308	20.000	ng	0.00
86) Perylene-d12	25.493	264	173767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.860	112	150437	119.520	ng	0.00
7) Phenol-d6	7.488	99	226352	114.911	ng	0.00
23) Nitrobenzene-d5	9.520	82	136194	66.430	ng	0.00
42) 2,4,6-Tribromophenol	16.440	330	109289	93.085	ng	0.00
45) 2-Fluorobiphenyl	13.579	172	328815	64.438	ng	0.00
79) Terphenyl-d14	20.264	244	598446	65.483	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.646	88	22404	42.961	ng	95
3) Pyridine	4.069	79	62886	39.444	ng	99
4) n-Nitrosodimethylamine	3.981	42	30211	46.833	ng	80
6) Aniline	7.652	93	75981	31.885	ng	97
8) 2-Chlorophenol	7.905	128	80151	59.315	ng	95
9) Benzaldehyde	7.464	77	48954	37.510	ng	97
10) Phenol	7.517	94	112214	60.188	ng	99
11) bis(2-Chloroethyl)ether	7.740	93	75307	54.095	ng	96
12) 1,3-Dichlorobenzene	8.228	146	80492	55.912	ng	98
13) 1,4-Dichlorobenzene	8.375	146	82256	56.163	ng	99
14) 1,2-Dichlorobenzene	8.698	146	79679	55.776	ng	99
15) Benzyl Alcohol	8.580	79	82900	54.710	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.856	45	97666	56.499	ng	97
17) 2-Methylphenol	8.786	107	77614	56.689	ng	97
18) Hexachloroethane	9.432	117	29528	58.879	ng	88
19) n-Nitroso-di-n-propyla...	9.138	70	69948	51.113	ng	97
20) 3+4-Methylphenols	9.115	107	106590	55.459	ng	98
22) Acetophenone	9.168	105	129209	50.419	ng	# 98
24) Nitrobenzene	9.561	77	102333	49.173	ng	99
25) Isophorone	10.084	82	194213	48.195	ng	98
26) 2-Nitrophenol	10.284	139	47752	53.516	ng	98
27) 2,4-Dimethylphenol	10.325	122	86661	56.175	ng	98
28) bis(2-Chloroethoxy)met...	10.554	93	111197	53.216	ng	99
29) 2,4-Dichlorophenol	10.830	162	90548	55.884	ng	96
30) 1,2,4-Trichlorobenzene	11.036	180	89857	50.885	ng	96
31) Naphthalene	11.230	128	254496	50.199	ng	98
32) Benzoic acid	10.495	122	35419	40.572	ng	96
33) 4-Chloroaniline	11.335	127	48277	20.707	ng	98
34) Hexachlorobutadiene	11.494	225	61908	50.686	ng	98
35) Caprolactam	12.117	113	22069	32.856	ng	95
36) 4-Chloro-3-methylphenol	12.440	107	102373	53.378	ng	97
37) 2-Methylnaphthalene	12.804	142	192892	48.477	ng	97
38) 1-Methylnaphthalene	13.021	142	184961	48.711	ng	99
40) 1,2,4,5-Tetrachloroben...	13.168	216	125886	52.300	ng	99
41) Hexachlorocyclopentadiene	13.139	237	57711	88.550	ng	95
43) 2,4,6-Trichlorophenol	13.409	196	80484	53.112	ng	98

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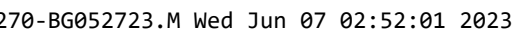
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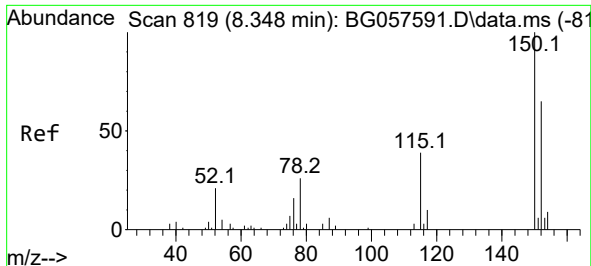
Quant Time: Jun 07 02:51:56 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.491	196	85835	47.559	ng	96
46) 1,1'-Biphenyl	13.791	154	279538	53.335	ng	98
47) 2-Chloronaphthalene	13.844	162	211198	53.498	ng	96
48) 2-Nitroaniline	14.049	65	69679	50.388	ng	98
49) Acenaphthylene	14.684	152	340069	50.870	ng	99
50) Dimethylphthalate	14.396	163	287632	47.590	ng	98
51) 2,6-Dinitrotoluene	14.531	165	64772	50.063	ng	99
52) Acenaphthene	15.019	154	210421	51.441	ng	99
53) 3-Nitroaniline	14.866	138	34135	25.295	ng	95
54) 2,4-Dinitrophenol	15.083	184	67870	86.352	ng	97
55) Dibenzofuran	15.353	168	343950	49.209	ng	98
56) 4-Nitrophenol	15.183	139	84293	93.751	ng	91
57) 2,4-Dinitrotoluene	15.318	165	93224	48.124	ng	99
58) Fluorene	16.000	166	287528	48.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.500	232	71509	42.293	ng	93
60) Diethylphthalate	15.741	149	295915	46.908	ng	99
61) 4-Chlorophenyl-phenyle...	15.976	204	160849	48.906	ng	99
62) 4-Nitroaniline	16.023	138	63588	43.682	ng	90
63) Azobenzene	16.270	77	309931	55.244	ng	98
65) 4,6-Dinitro-2-methylph...	16.088	198	56405	51.573	ng	91
66) n-Nitrosodiphenylamine	16.193	169	253517	54.302	ng	99
67) 4-Bromophenyl-phenylether	16.869	248	108158	53.680	ng	98
68) Hexachlorobenzene	17.004	284	114953	55.347	ng	96
69) Atrazine	17.127	200	110970	55.363	ng	99
70) Pentachlorophenol	17.351	266	93345	88.205	ng	98
71) Phenanthrene	17.738	178	473657	51.530	ng	98
72) Anthracene	17.832	178	476280	50.509	ng	99
73) Carbazole	18.097	167	433919	51.439	ng	100
74) Di-n-butylphthalate	18.608	149	506252	50.554	ng	99
75) Fluoranthene	19.730	202	570285	47.791	ng	99
77) Benzidine	19.894	184	242787	50.682	ng	99
78) Pyrene	20.094	202	579193	51.384	ng	98
80) Butylbenzylphthalate	20.940	149	220069	53.608	ng	97
81) Benzo(a)anthracene	21.980	228	559593	50.952	ng	99
82) 3,3'-Dichlorobenzidine	21.874	252	111170	27.449	ng	100
83) Chrysene	22.050	228	514251	49.548	ng	99
84) Bis(2-ethylhexyl)phtha...	21.821	149	316171	53.993	ng	98
85) Di-n-octyl phthalate	23.108	149	530442	54.650	ng	99
87) Indeno(1,2,3-cd)pyrene	29.540	276	633123	52.259	ng	98
88) Benzo(b)fluoranthene	24.376	252	574667	53.728	ng	99
89) Benzo(k)fluoranthene	24.447	252	543936	50.390	ng	98
90) Benzo(a)pyrene	25.328	252	500285	47.962	ng	99
91) Dibenzo(a,h)anthracene	29.593	278	526593	52.227	ng	99
92) Benzo(g,h,i)perylene	30.815	276	510115	51.876	ng	98

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

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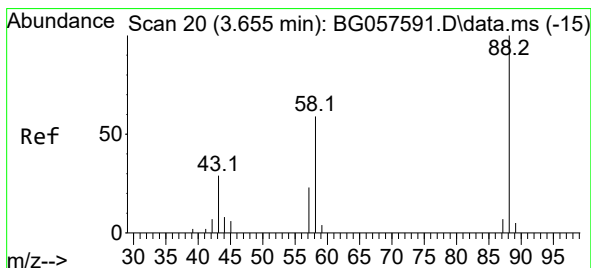
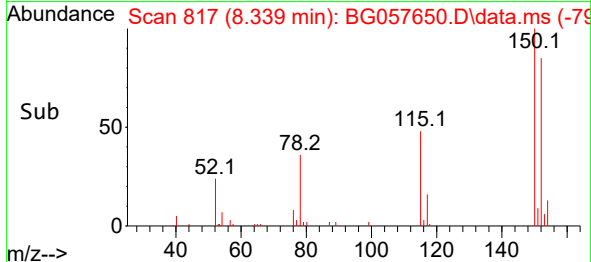
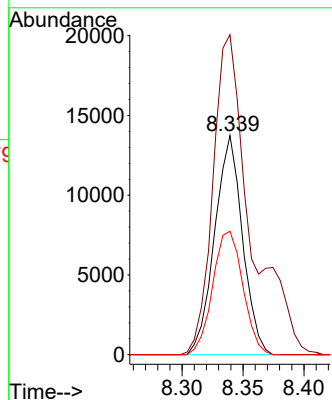
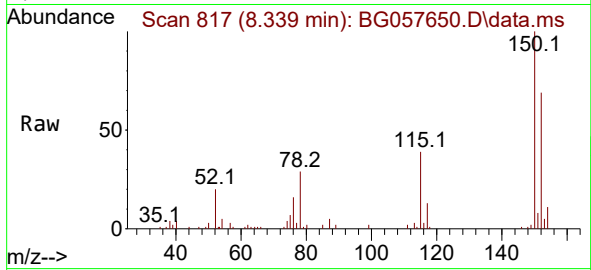




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.339 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

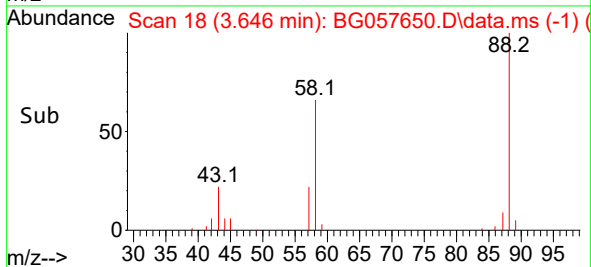
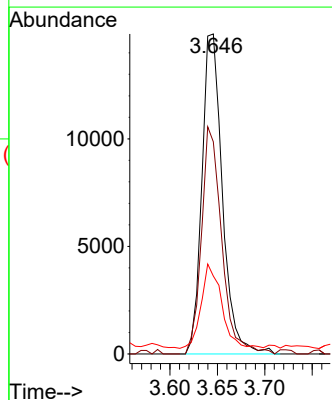
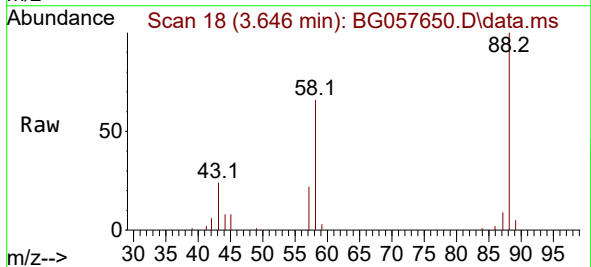
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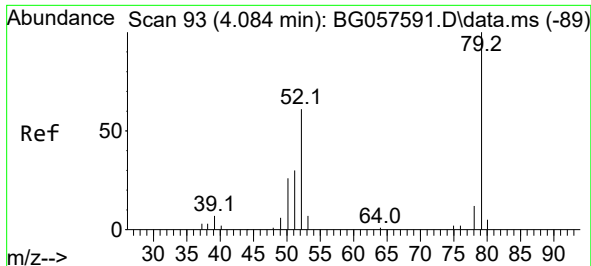
Tgt Ion:152 Resp: 21867
Ion Ratio Lower Upper
152 100
150 145.9 123.0 184.4
115 56.4 47.4 71.2



#2
1,4-Dioxane
Concen: 42.961 ng
RT: 3.646 min Scan# 18
Delta R.T. 0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion: 88 Resp: 22404
Ion Ratio Lower Upper
88 100
58 70.1 52.6 79.0
43 26.2 22.1 33.1

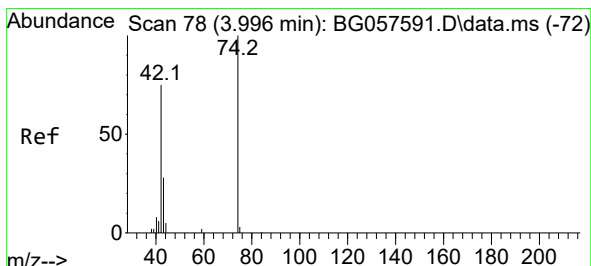
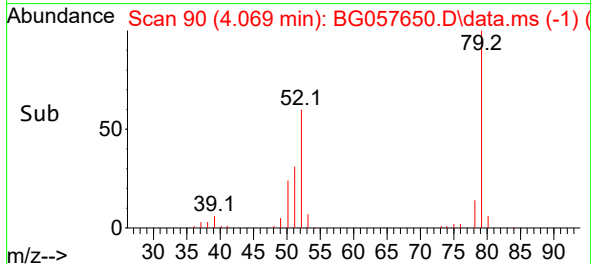
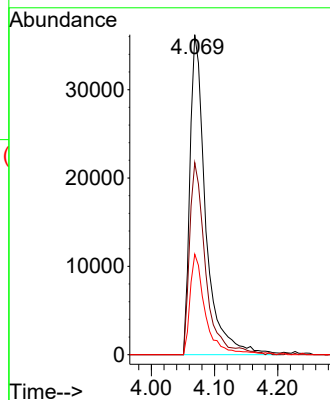
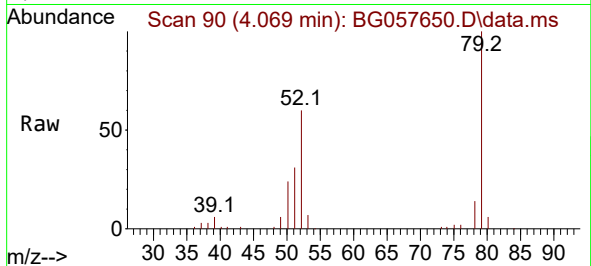




#3
Pyridine
Concen: 39.444 ng
RT: 4.069 min Scan# 90
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

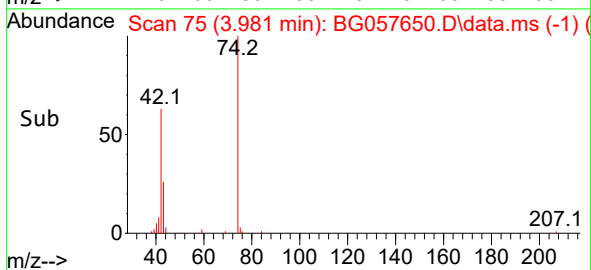
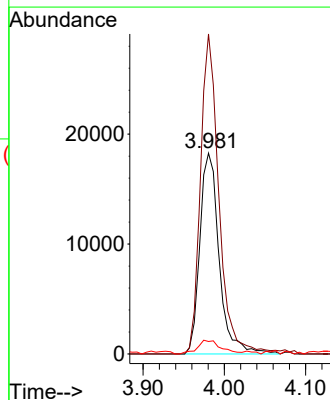
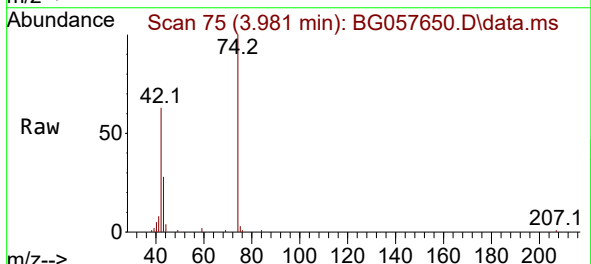
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

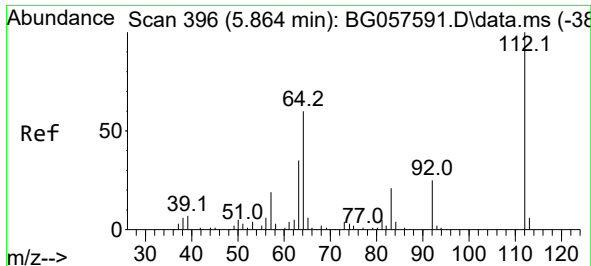
Tgt Ion: 79 Resp: 62886
Ion Ratio Lower Upper
79 100
52 60.0 48.4 72.6
51 31.4 24.4 36.6



#4
n-Nitrosodimethylamine
Concen: 46.833 ng
RT: 3.981 min Scan# 75
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion: 42 Resp: 30211
Ion Ratio Lower Upper
42 100
74 159.3 107.3 160.9
44 6.2 6.1 9.1

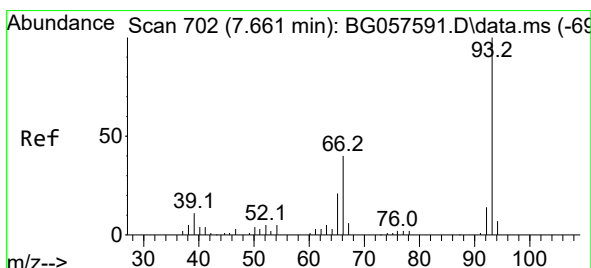
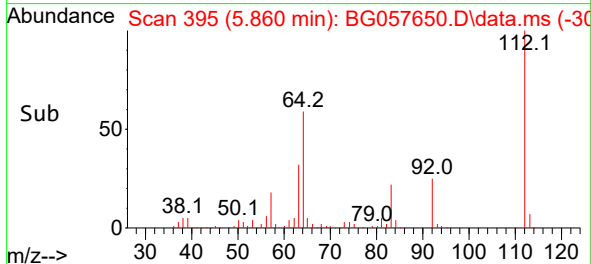
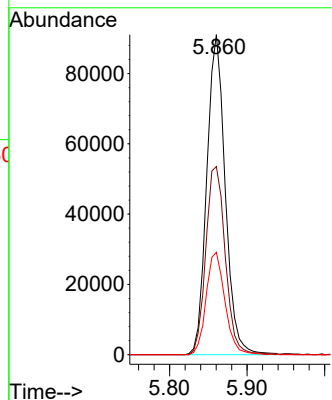
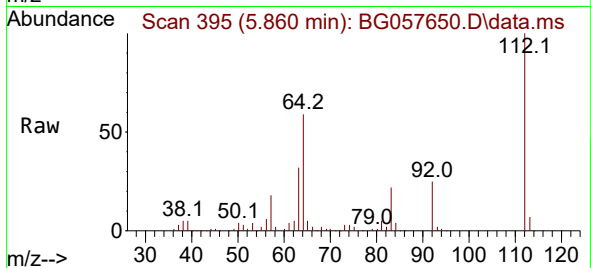




#5
2-Fluorophenol
Concen: 119.520 ng
RT: 5.860 min Scan# 396
Delta R.T. 0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

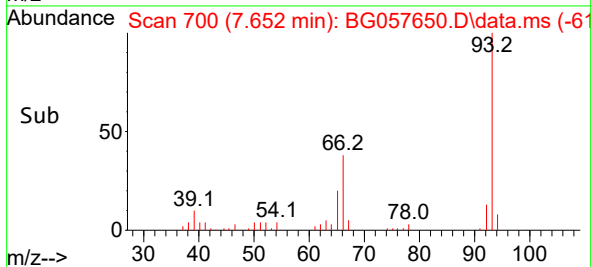
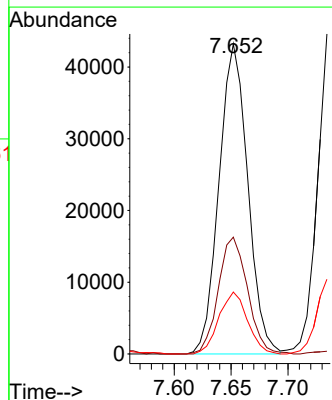
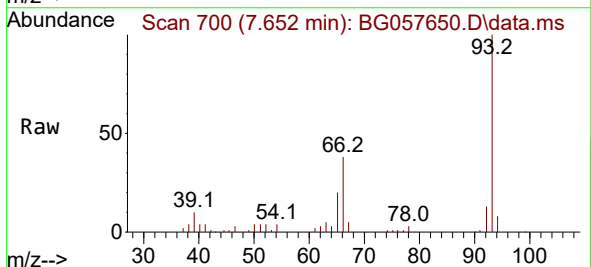
Instrument :
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ClientSampleId :
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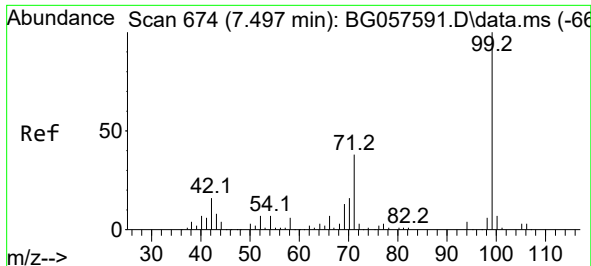
Tgt Ion:112 Resp: 150437
Ion Ratio Lower Upper
112 100
64 58.8 47.8 71.6
63 32.0 27.8 41.8



#6
Aniline
Concen: 31.885 ng
RT: 7.652 min Scan# 700
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion: 93 Resp: 75981
Ion Ratio Lower Upper
93 100
66 37.7 32.2 48.4
65 20.0 16.7 25.1

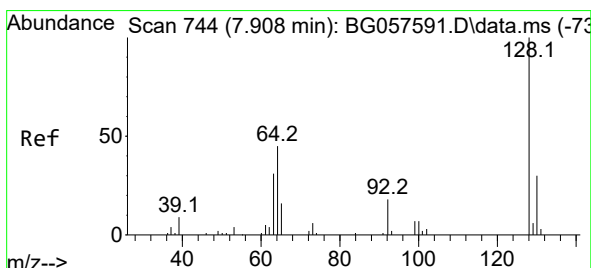
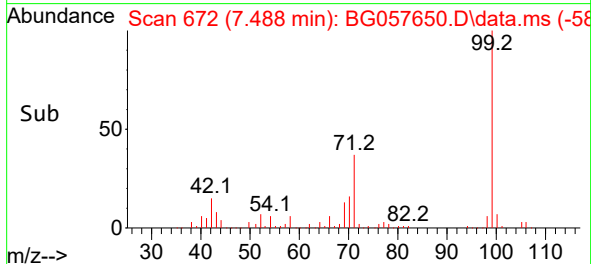
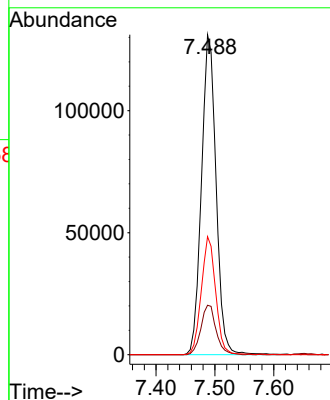
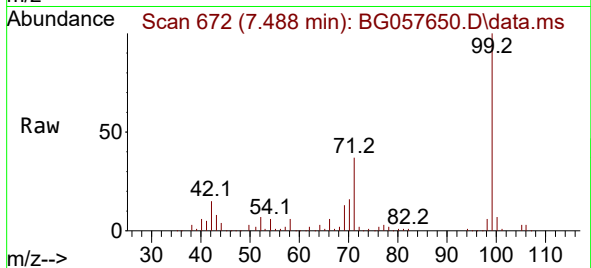




#7
Phenol-d6
Concen: 114.911 ng
RT: 7.488 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

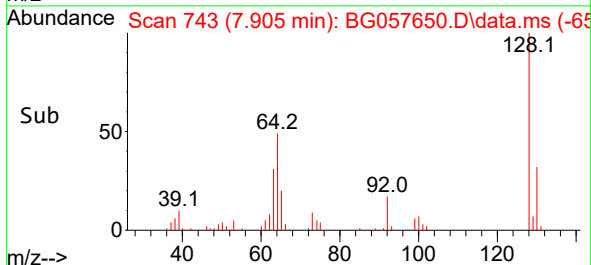
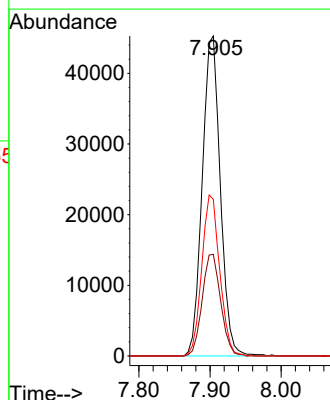
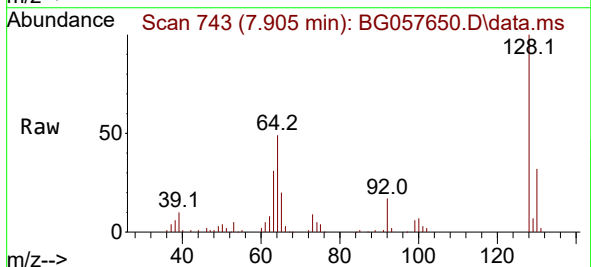
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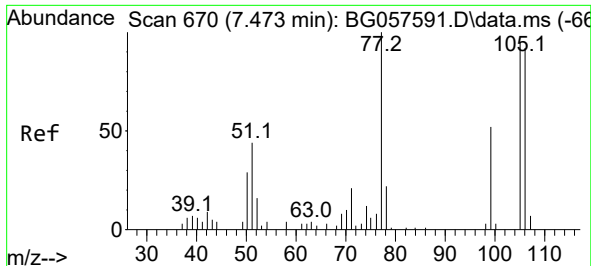
Tgt Ion: 99 Resp: 226352
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 36.9 30.3 45.5



#8
2-Chlorophenol
Concen: 59.315 ng
RT: 7.905 min Scan# 743
Delta R.T. 0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:128 Resp: 80151
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 49.0 33.8 73.8

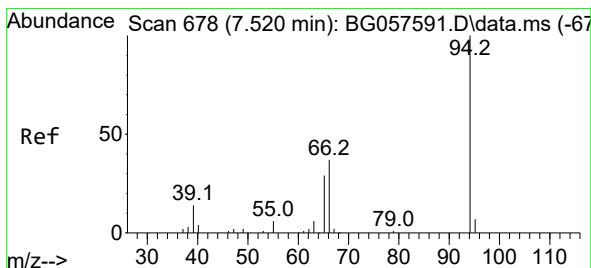
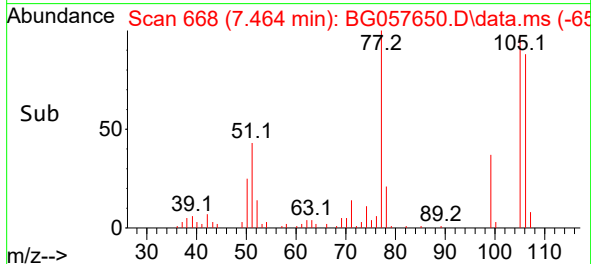
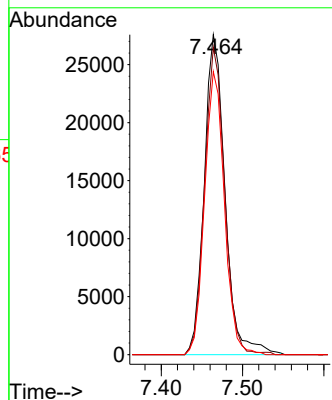
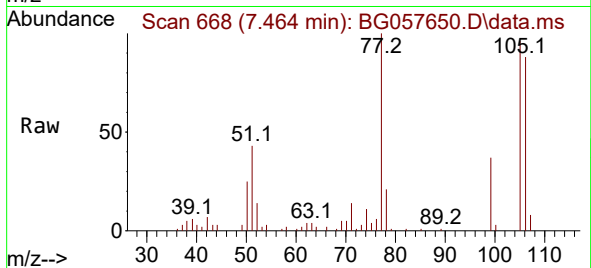




#9
Benzaldehyde
Concen: 37.510 ng
RT: 7.464 min Scan# 610
Delta R.T. -0.000 min
Lab File: BG057650.D
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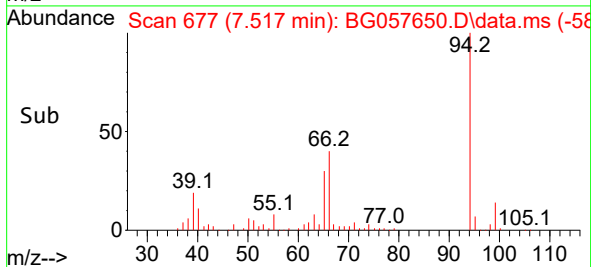
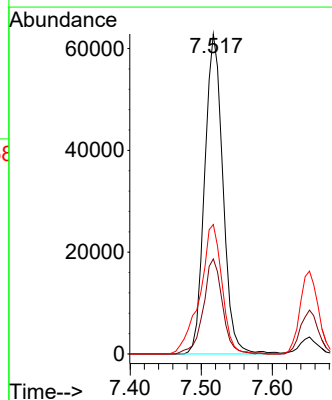
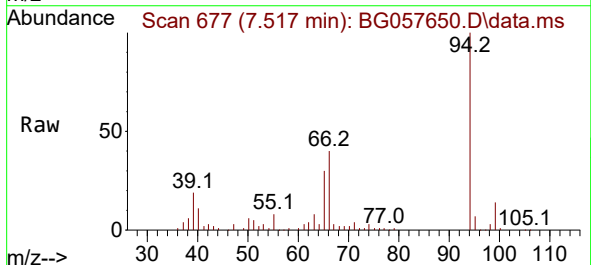
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ClientSampleId :
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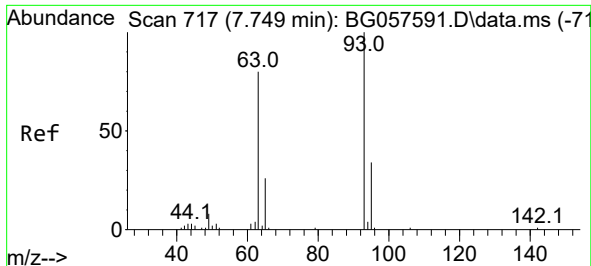
Tgt Ion: 77 Resp: 48954
Ion Ratio Lower Upper
77 100
105 96.0 75.0 115.0
106 88.4 72.5 112.5



#10
Phenol
Concen: 60.188 ng
RT: 7.517 min Scan# 677
Delta R.T. 0.006 min
Lab File: BG057650.D
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Tgt Ion: 94 Resp: 112214
Ion Ratio Lower Upper
94 100
65 29.7 9.6 49.6
66 40.5 22.0 62.0

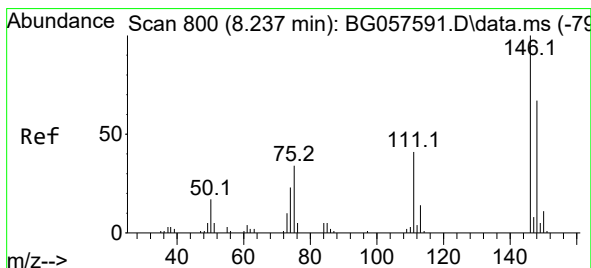
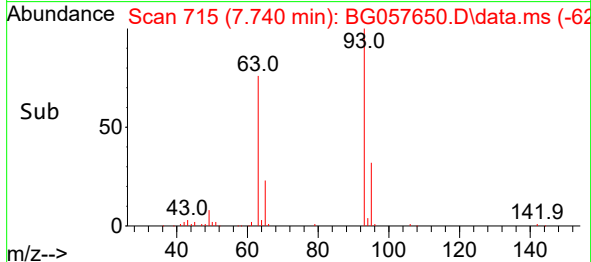
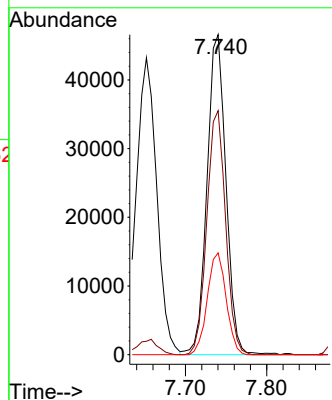
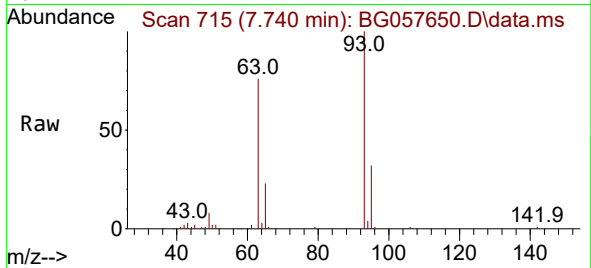




#11
bis(2-Chloroethyl)ether
Concen: 54.095 ng
RT: 7.740 min Scan# 717
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

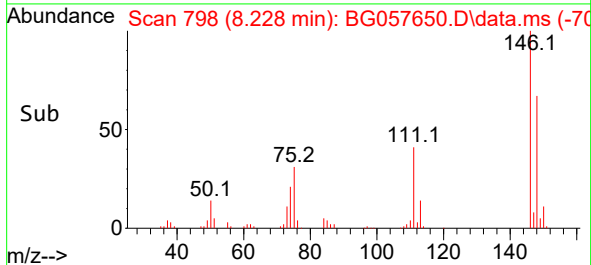
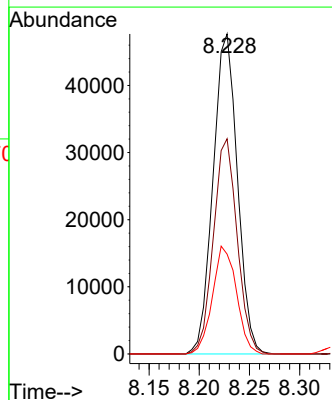
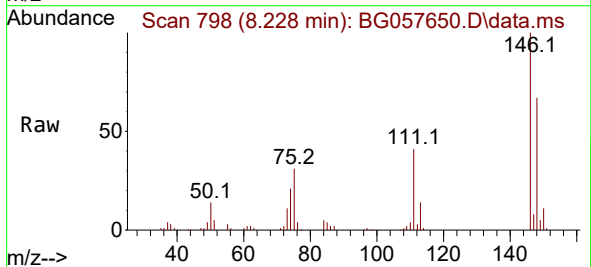
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

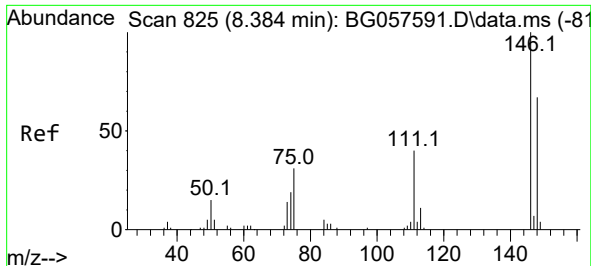
Tgt Ion: 93 Resp: 75307
Ion Ratio Lower Upper
93 100
63 76.2 59.3 99.3
95 31.8 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 55.912 ng
RT: 8.228 min Scan# 798
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:146 Resp: 80492
Ion Ratio Lower Upper
146 100
148 67.2 53.4 80.0
75 31.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 56.163 ng

RT: 8.375 min Scan# 81

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

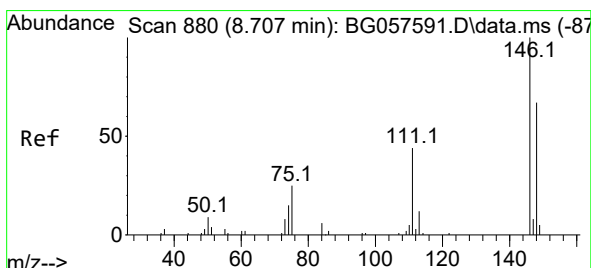
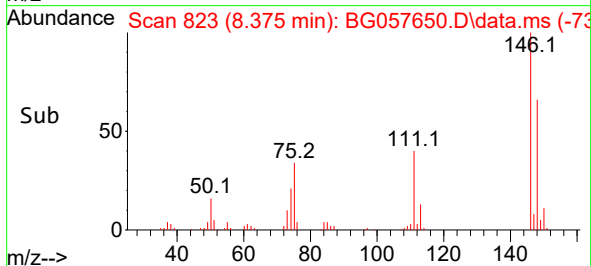
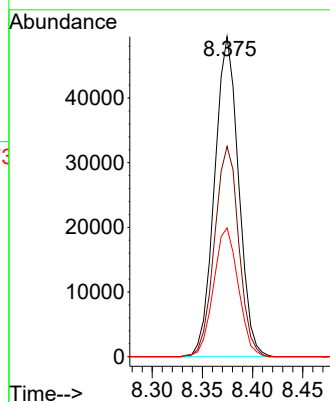
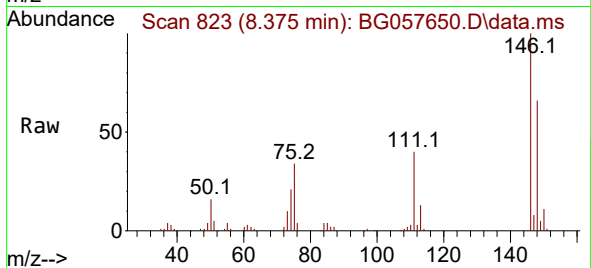
Tgt Ion:146 Resp: 82256

Ion Ratio Lower Upper

146 100

148 65.7 53.8 80.6

111 40.3 31.9 47.9



#14

1,2-Dichlorobenzene

Concen: 55.776 ng

RT: 8.698 min Scan# 878

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

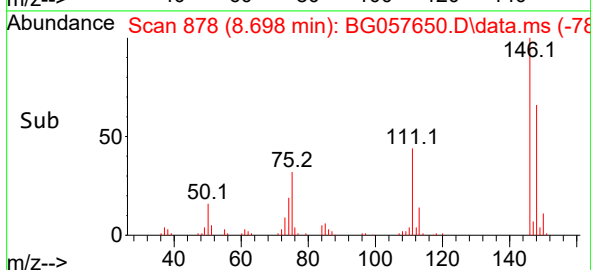
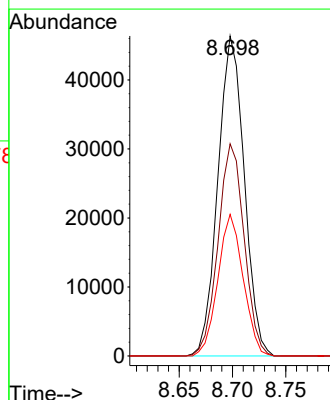
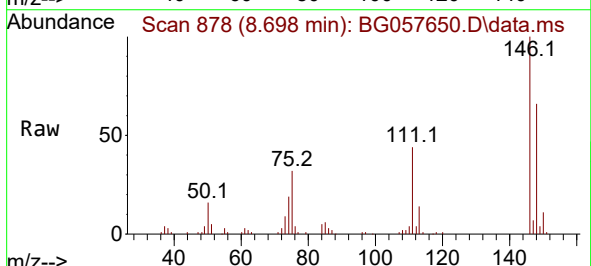
Tgt Ion:146 Resp: 79679

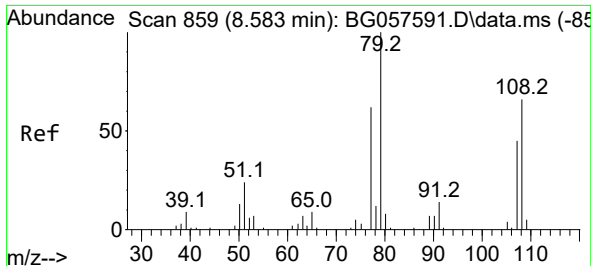
Ion Ratio Lower Upper

146 100

148 66.3 53.5 80.3

111 44.3 36.6 54.8

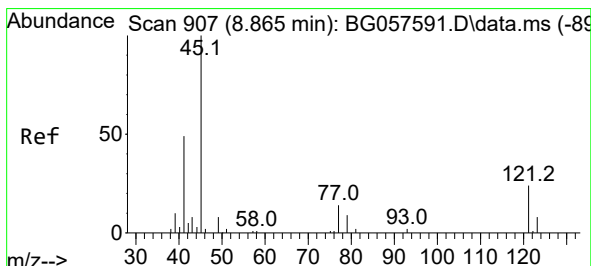
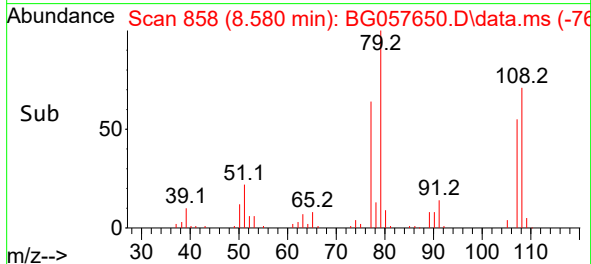
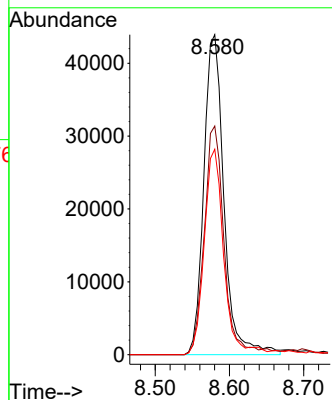
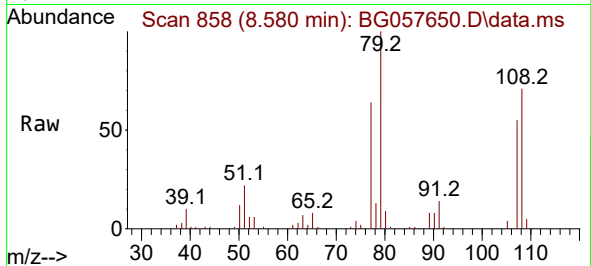




#15
Benzyl Alcohol
Concen: 54.710 ng
RT: 8.580 min Scan# 81
Delta R.T. 0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

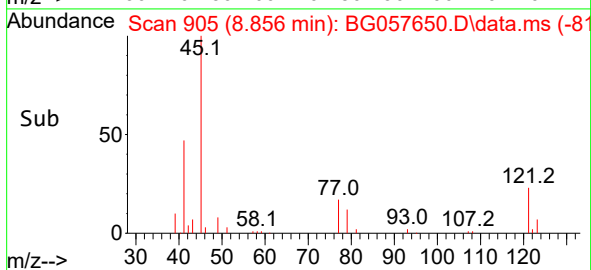
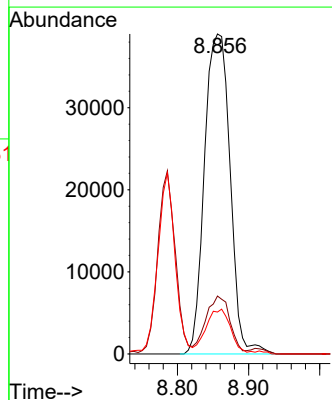
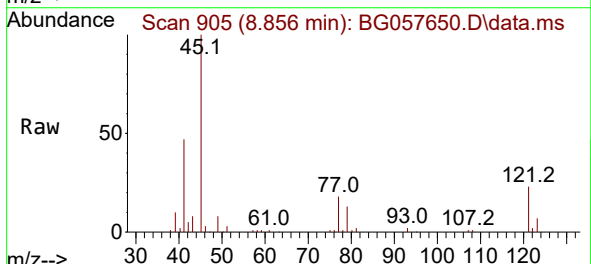
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

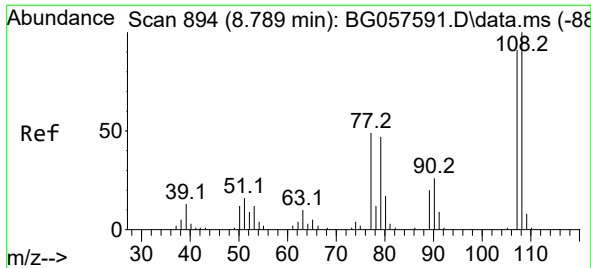
Tgt Ion: 79 Resp: 82900
Ion Ratio Lower Upper
79 100
108 71.4 52.6 78.8
77 64.2 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.499 ng
RT: 8.856 min Scan# 905
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion: 45 Resp: 97666
Ion Ratio Lower Upper
45 100
77 18.1 0.0 39.2
79 13.1 0.0 34.2

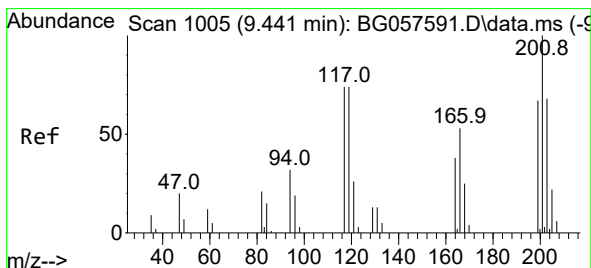
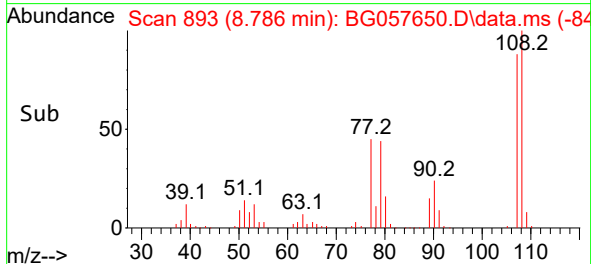
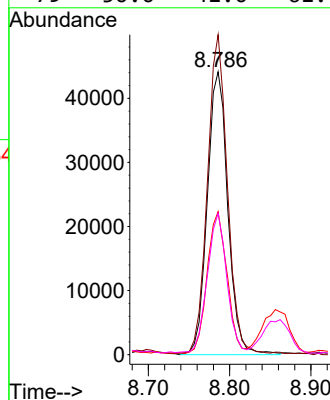
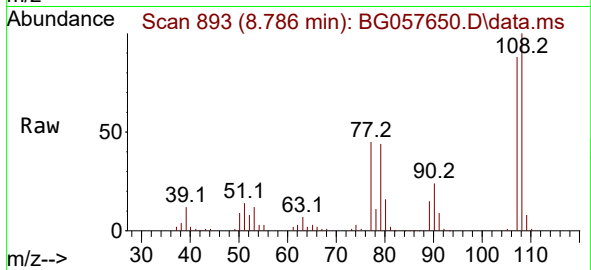




#17
2-Methylphenol
Concen: 56.689 ng
RT: 8.786 min Scan# 894
Delta R.T. 0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

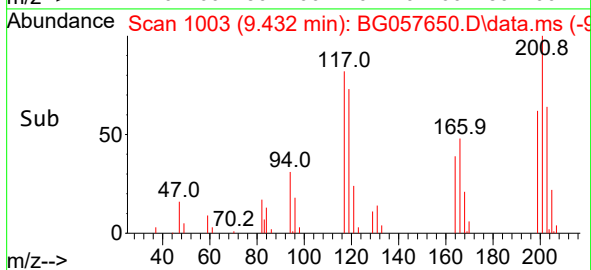
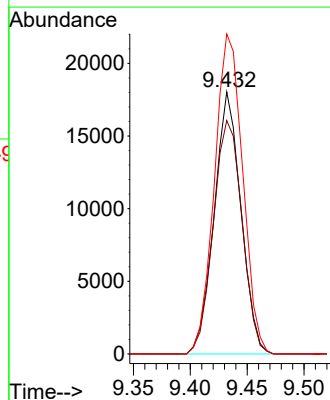
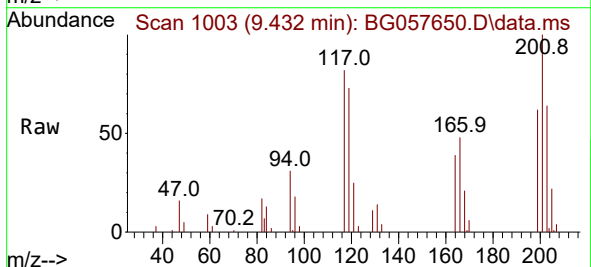
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

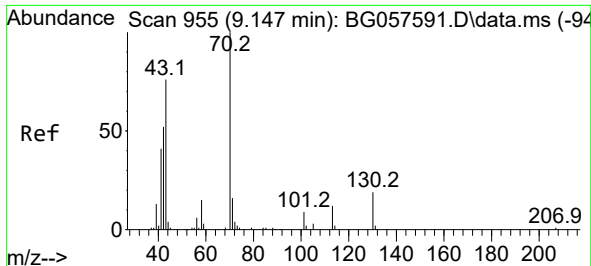
Tgt Ion:	107	Resp:	77614
Ion	Ratio	Lower	Upper
107	100		
108	113.1	87.7	131.5
77	50.6	43.0	64.6
79	50.0	41.0	61.4



#18
Hexachloroethane
Concen: 58.879 ng
RT: 9.432 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:	117	Resp:	29528
Ion	Ratio	Lower	Upper
117	100		
119	89.0	80.6	121.0
201	122.1	108.8	163.2

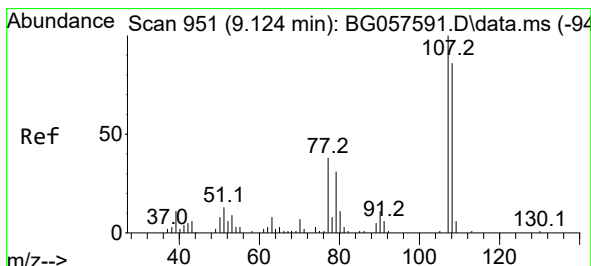
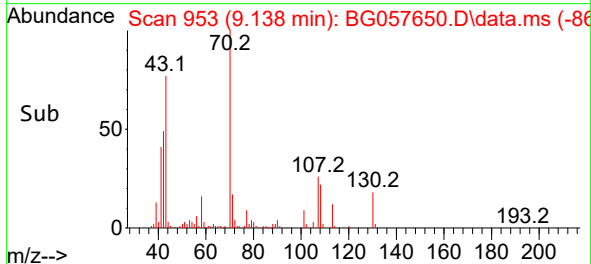
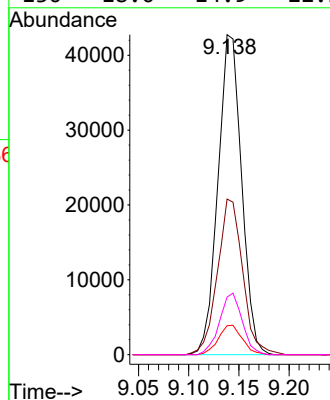
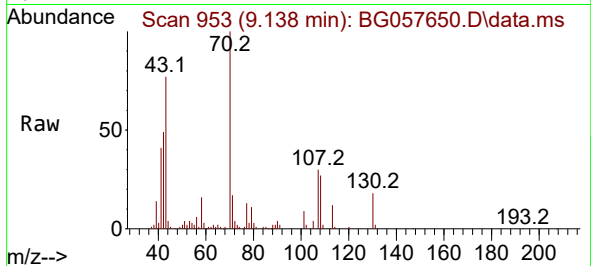




#19
n-Nitroso-di-n-propylamine
Concen: 51.113 ng
RT: 9.138 min Scan# 913
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

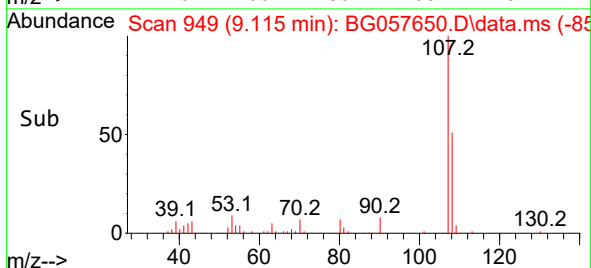
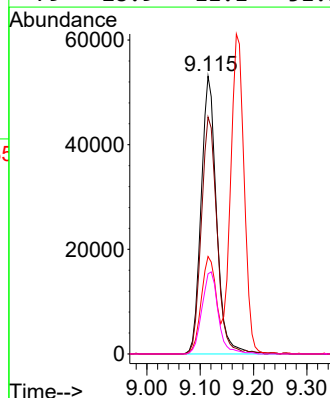
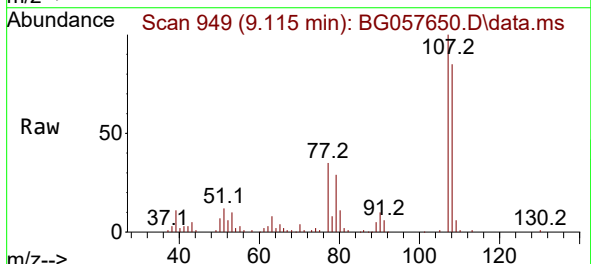
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

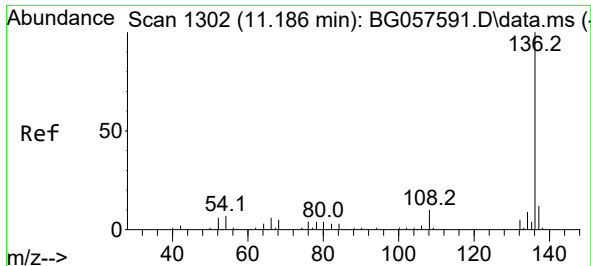
Tgt Ion: 70 Resp: 69948
Ion Ratio Lower Upper
70 100
42 48.7 41.4 62.0
101 9.1 6.9 10.3
130 18.0 14.9 22.3



#20
3+4-Methylphenols
Concen: 55.459 ng
RT: 9.115 min Scan# 949
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

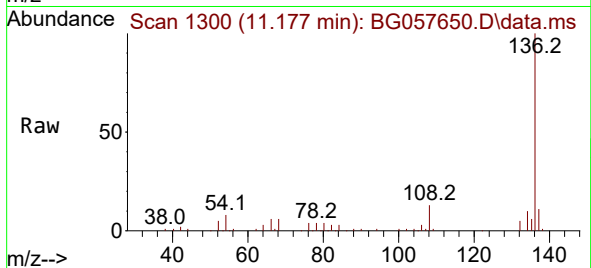
Tgt Ion: 107 Resp: 106590
Ion Ratio Lower Upper
107 100
108 85.3 65.6 105.6
77 35.1 18.0 58.0
79 28.9 11.1 51.1



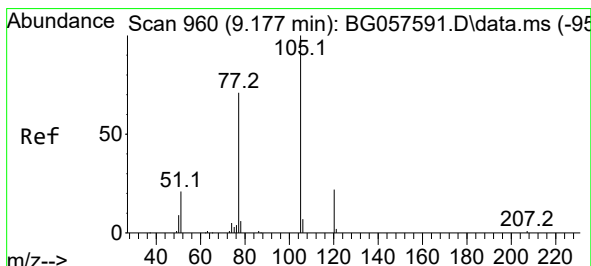
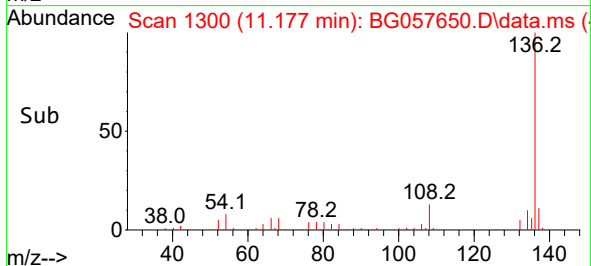
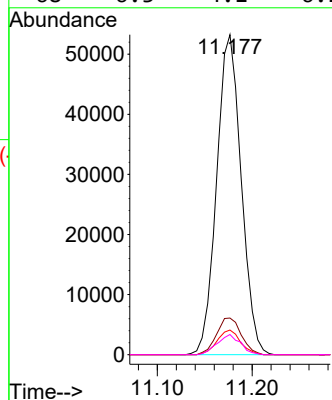


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.177 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

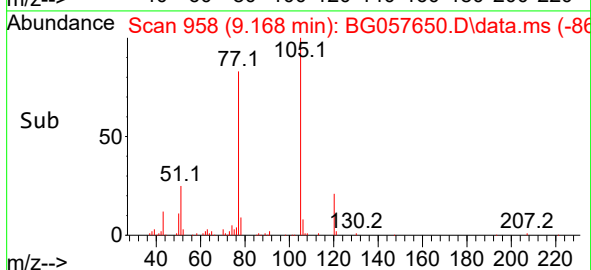
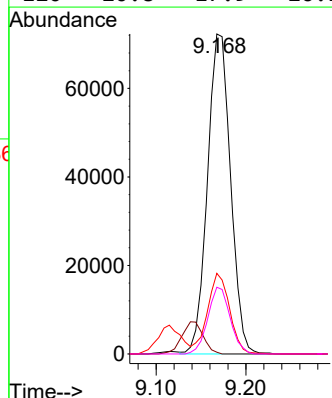
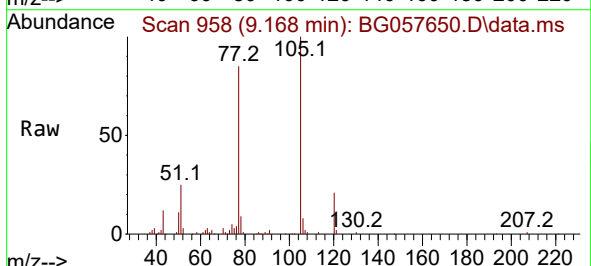


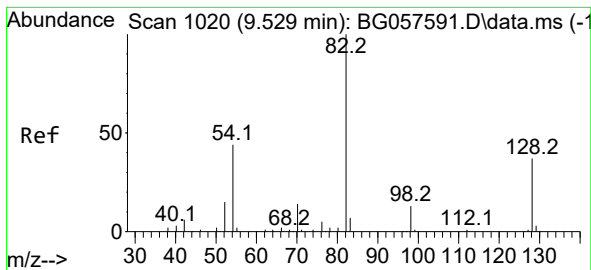
Tgt Ion:136 Resp: 95838
Ion Ratio Lower Upper
136 100
137 11.5 9.8 14.8
54 7.7 5.8 8.6
68 6.3 4.1 6.1#



#22
Acetophenone
Concen: 50.419 ng
RT: 9.168 min Scan# 958
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:105 Resp: 129209
Ion Ratio Lower Upper
105 100
71 0.6 0.0 0.0#
51 25.2 20.7 31.1
120 20.8 17.9 26.9





#23

Nitrobenzene-d5

Concen: 66.430 ng

RT: 9.520 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

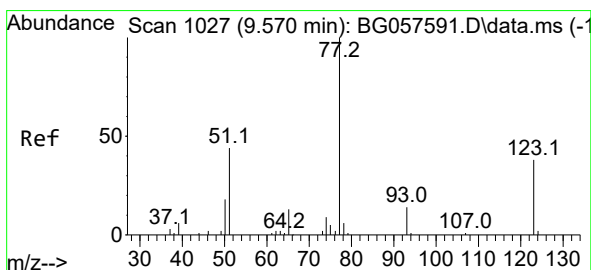
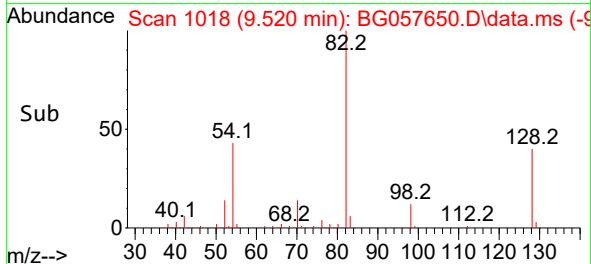
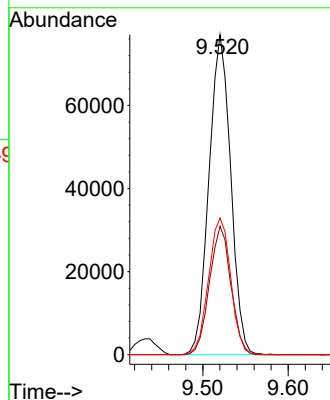
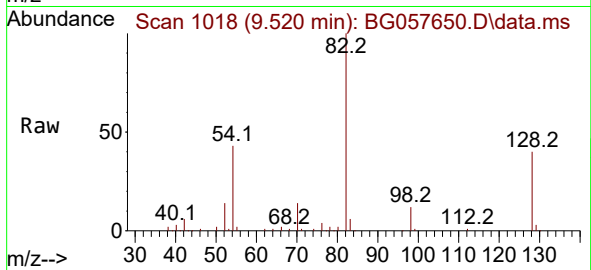
Tgt Ion: 82 Resp: 136194

Ion Ratio Lower Upper

82 100

128 40.1 30.0 45.0

54 42.7 35.2 52.8



#24

Nitrobenzene

Concen: 49.173 ng

RT: 9.561 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

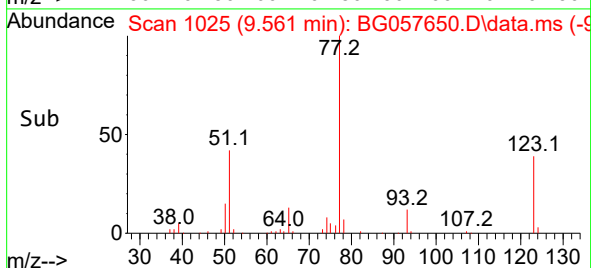
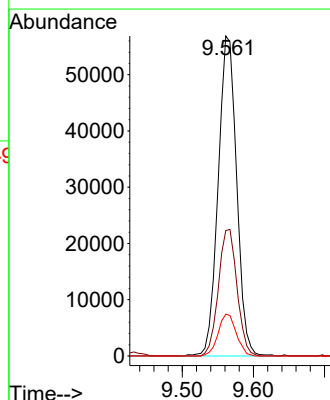
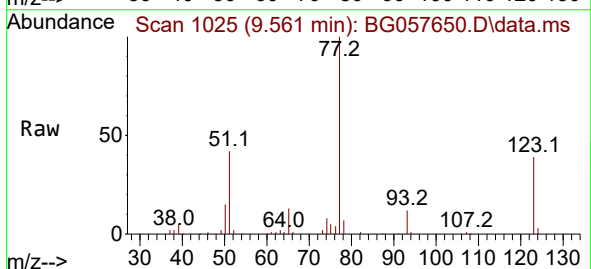
Tgt Ion: 77 Resp: 102333

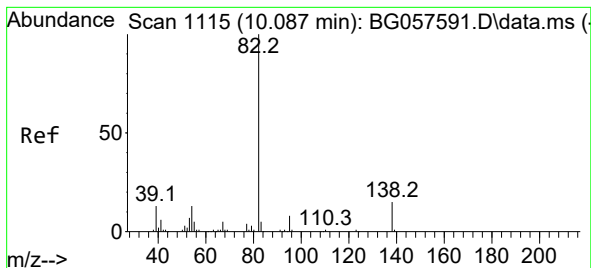
Ion Ratio Lower Upper

77 100

123 39.2 30.6 46.0

65 13.1 10.2 15.4





#25

Isophorone

Concen: 48.195 ng

RT: 10.084 min Scan# 1115

Delta R.T. 0.006 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

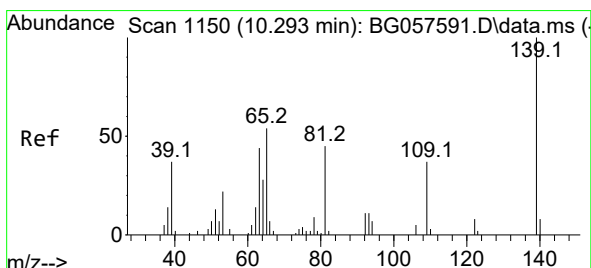
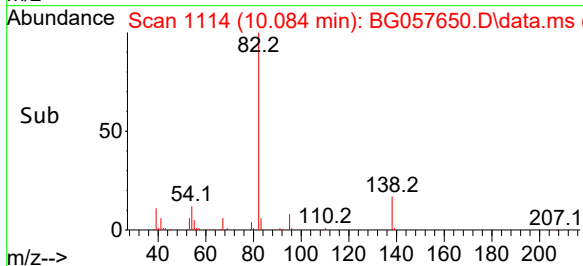
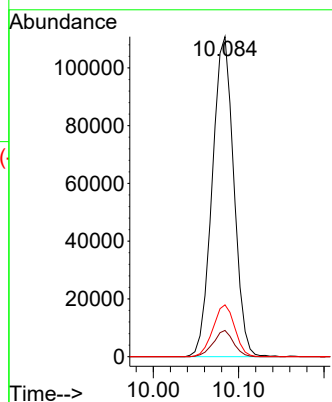
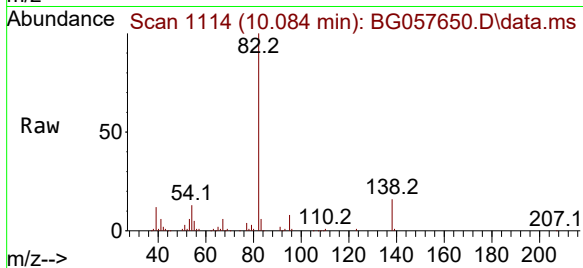
Tgt Ion: 82 Resp: 194213

Ion Ratio Lower Upper

82 100

95 8.2 6.3 9.5

138 16.2 12.0 18.0



#26

2-Nitrophenol

Concen: 53.516 ng

RT: 10.284 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

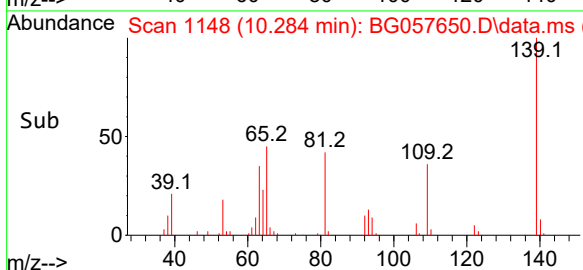
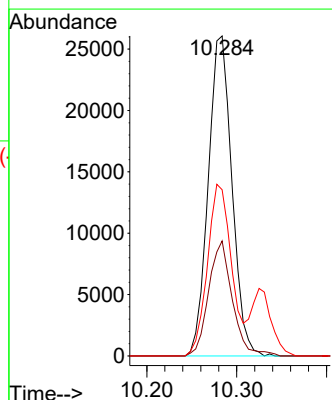
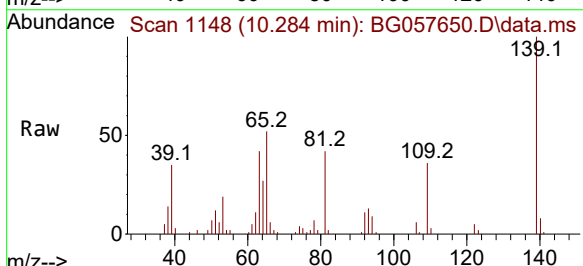
Tgt Ion:139 Resp: 47752

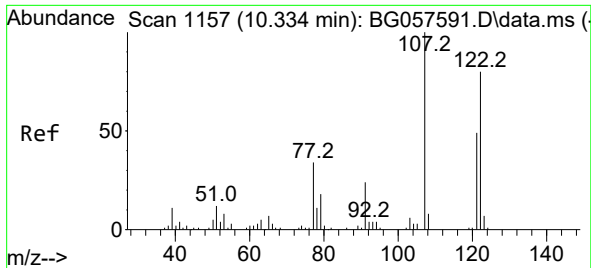
Ion Ratio Lower Upper

139 100

109 36.0 29.5 44.3

65 52.0 43.0 64.6

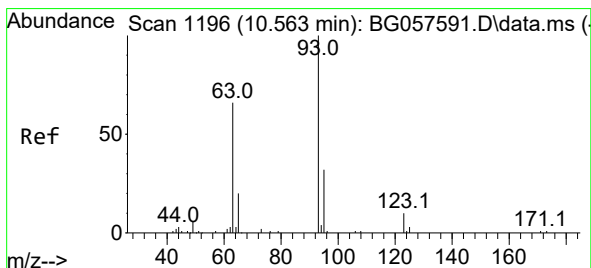
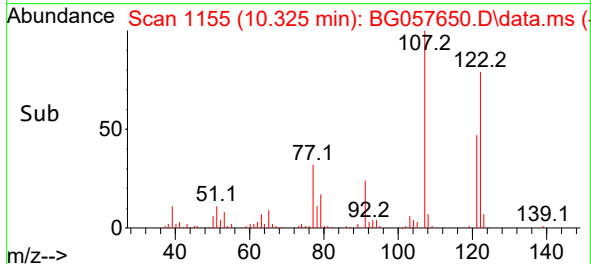
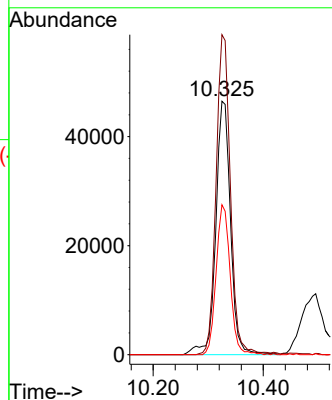
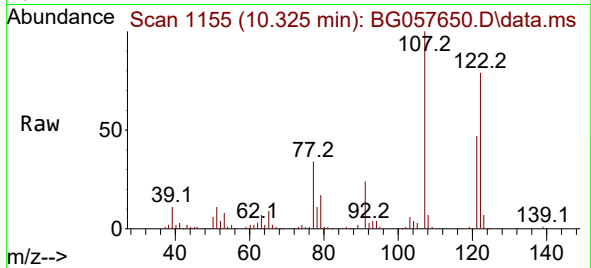




#27
2,4-Dimethylphenol
Concen: 56.175 ng
RT: 10.325 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

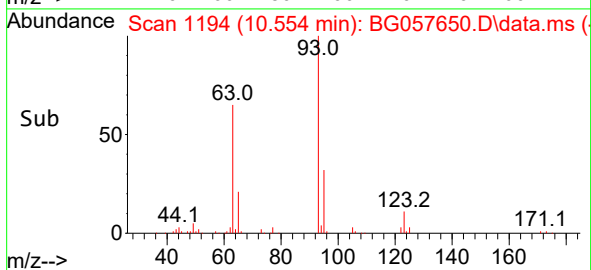
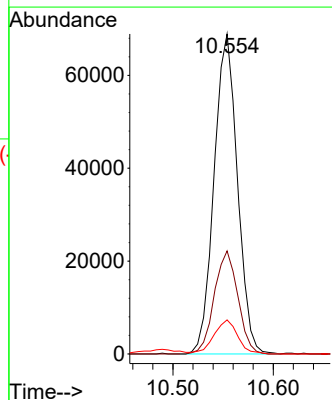
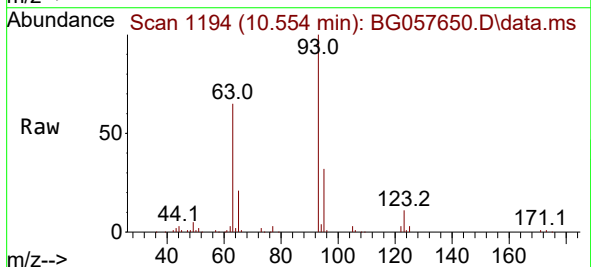
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

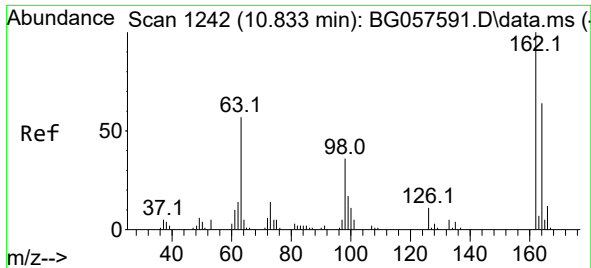
Tgt Ion:122 Resp: 86661
Ion Ratio Lower Upper
122 100
107 126.3 99.4 149.2
121 59.1 48.4 72.6



#28
bis(2-Chloroethoxy)methane
Concen: 53.216 ng
RT: 10.554 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion: 93 Resp: 111197
Ion Ratio Lower Upper
93 100
95 32.2 25.3 37.9
123 10.7 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 55.884 ng

RT: 10.830 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

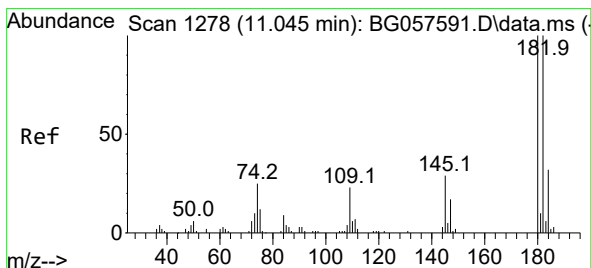
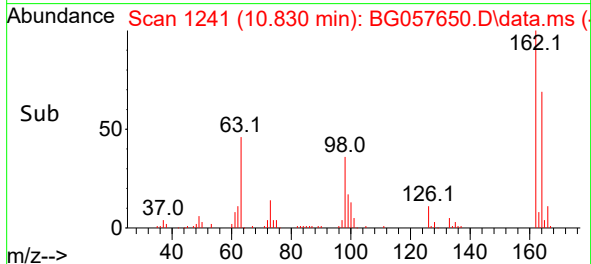
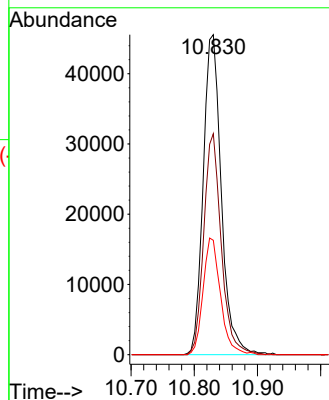
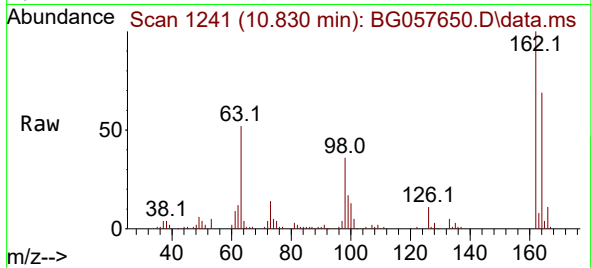
Tgt Ion:162 Resp: 90548

Ion Ratio Lower Upper

162 100

164 69.1 44.1 84.1

98 35.8 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 50.885 ng

RT: 11.036 min Scan# 1276

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

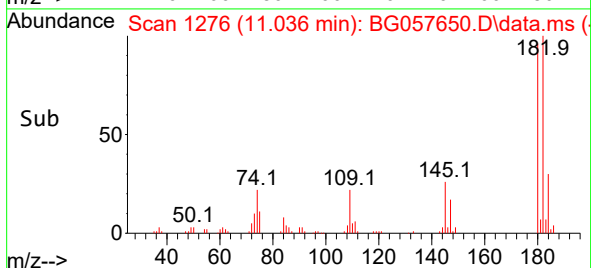
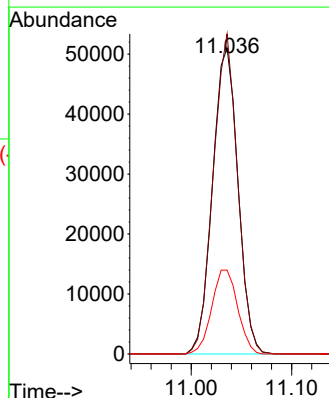
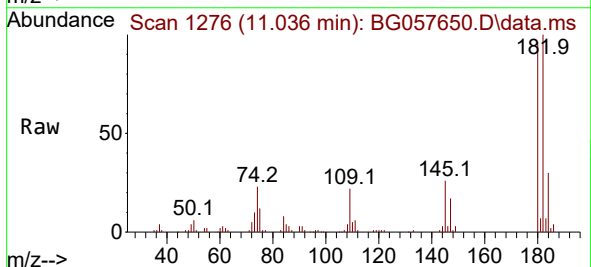
Tgt Ion:180 Resp: 89857

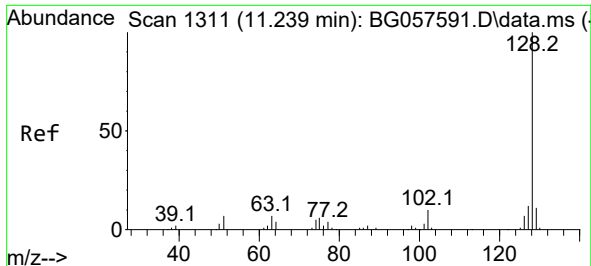
Ion Ratio Lower Upper

180 100

182 104.6 80.2 120.2

145 27.4 23.1 34.7

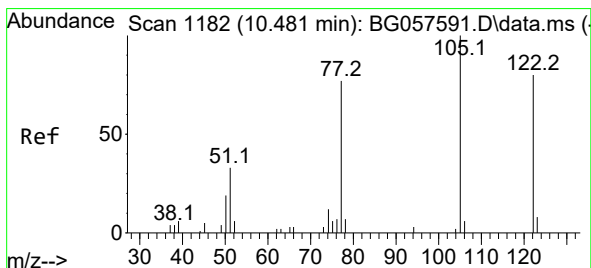
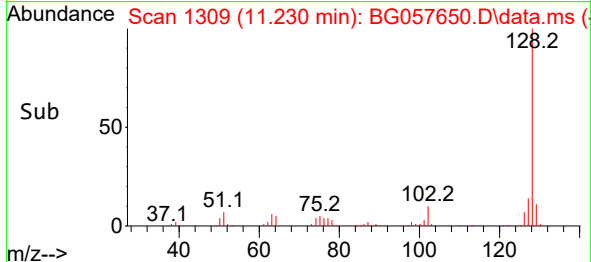
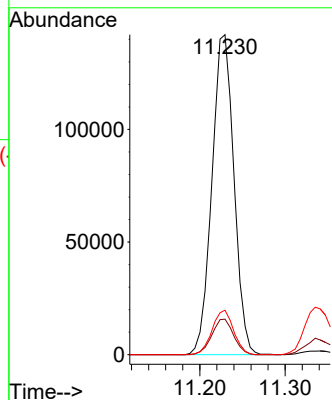
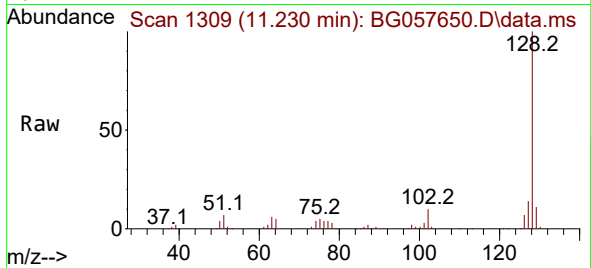




#31
Naphthalene
Concen: 50.199 ng
RT: 11.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

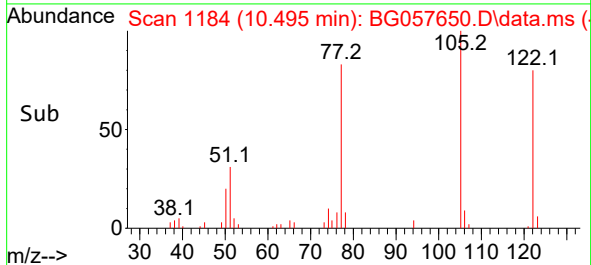
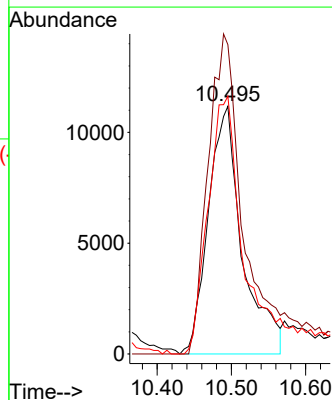
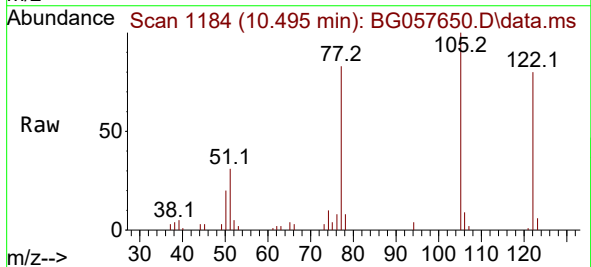
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

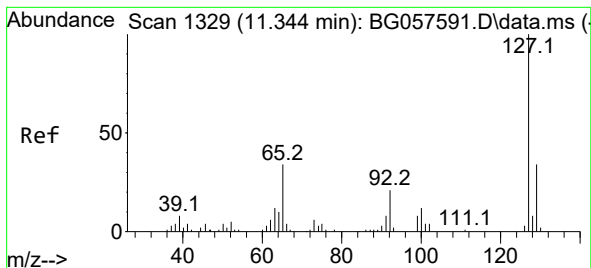
Tgt Ion:128 Resp: 254496
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.9 9.8 14.8



#32
Benzoic acid
Concen: 40.572 ng
RT: 10.495 min Scan# 1184
Delta R.T. 0.017 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:122 Resp: 35419
Ion Ratio Lower Upper
122 100
105 124.9 104.8 144.8
77 104.1 75.8 115.8





#33

4-Chloroaniline

Concen: 20.707 ng

RT: 11.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

Tgt Ion:127 Resp: 48277

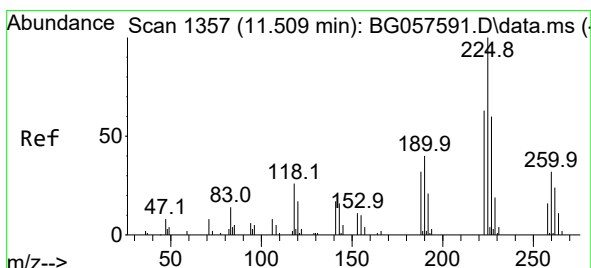
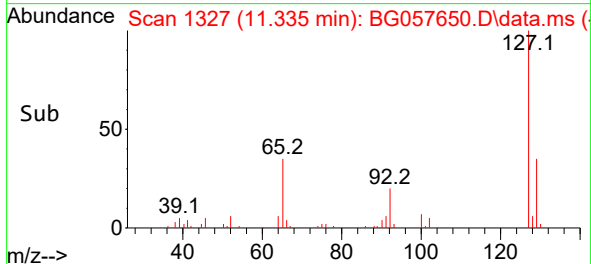
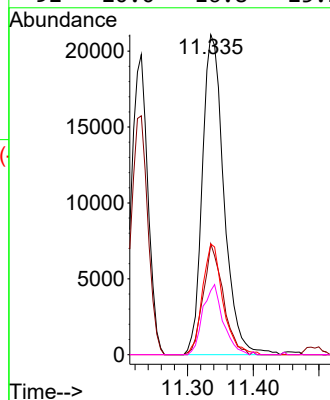
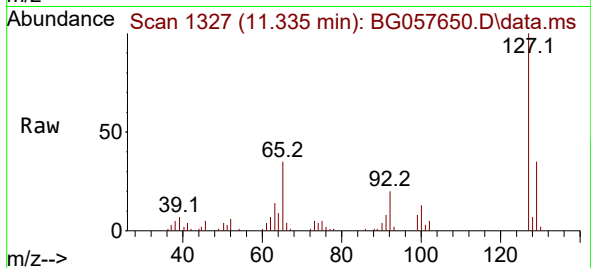
Ion Ratio Lower Upper

127 100

129 34.6 26.9 40.3

65 34.6 27.3 40.9

92 20.0 16.8 25.2



#34

Hexachlorobutadiene

Concen: 50.686 ng

RT: 11.494 min Scan# 1354

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

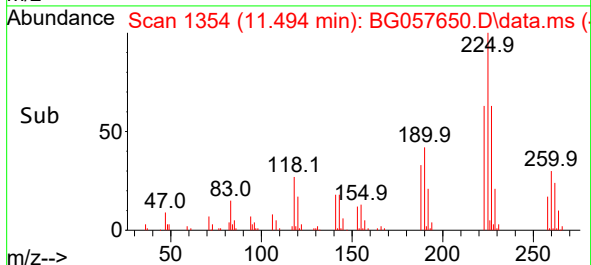
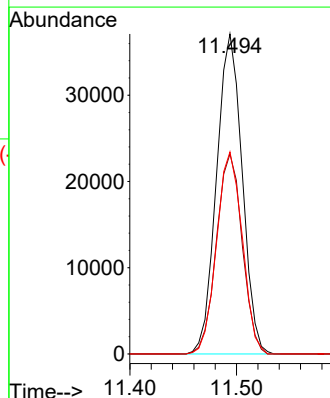
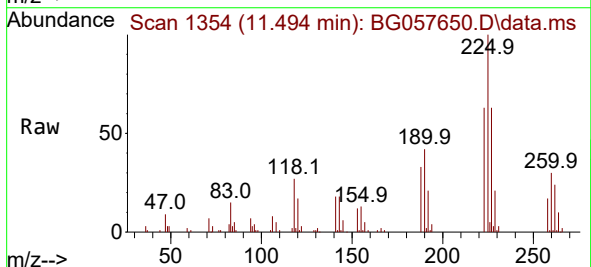
Tgt Ion:225 Resp: 61908

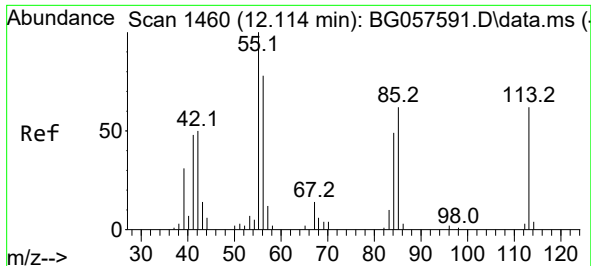
Ion Ratio Lower Upper

225 100

223 62.5 50.1 75.1

227 63.2 47.9 71.9

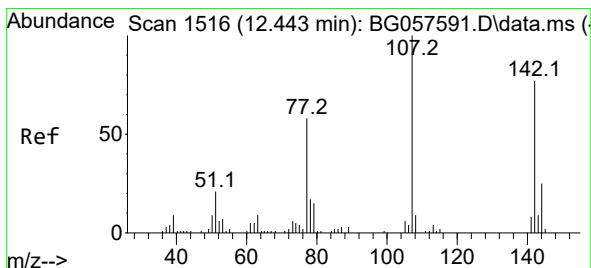
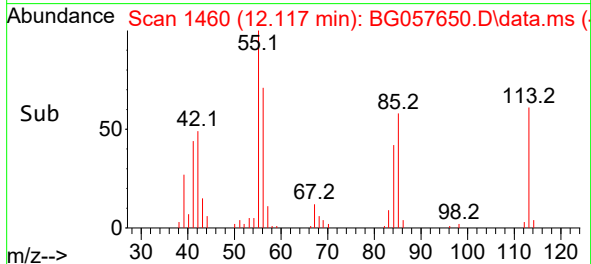
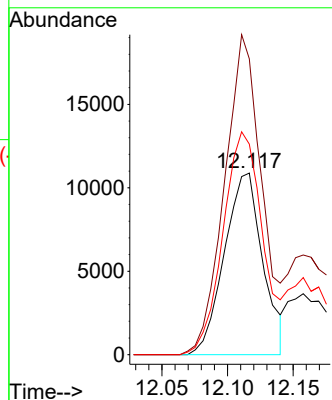
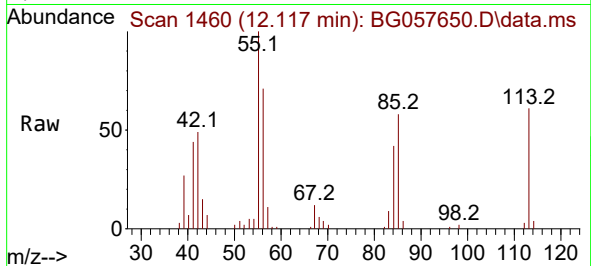




#35
Caprolactam
Concen: 32.856 ng
RT: 12.117 min Scan# 1460
Delta R.T. 0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

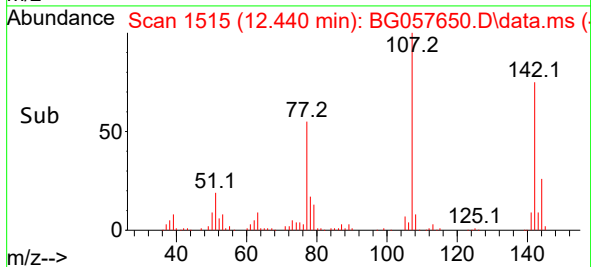
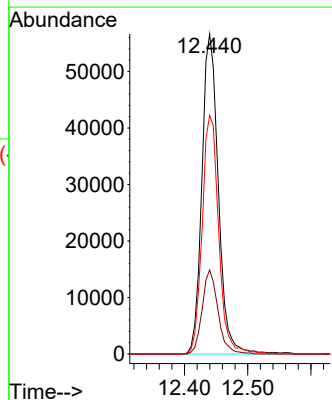
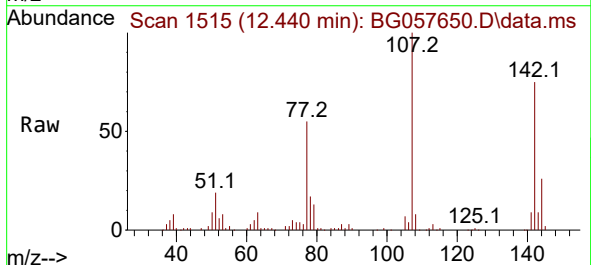
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

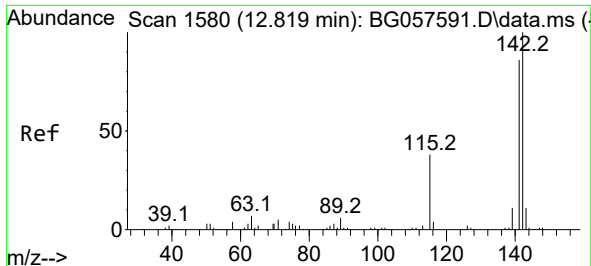
Tgt Ion:113 Resp: 22069
Ion Ratio Lower Upper
113 100
55 162.9 140.9 180.9
56 115.9 105.9 145.9



#36
4-Chloro-3-methylphenol
Concen: 53.378 ng
RT: 12.440 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:107 Resp: 102373
Ion Ratio Lower Upper
107 100
144 26.2 19.7 29.5
142 74.5 61.6 92.4

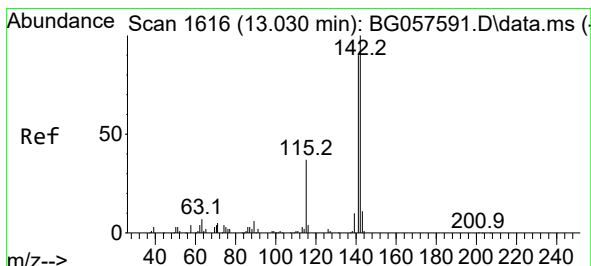
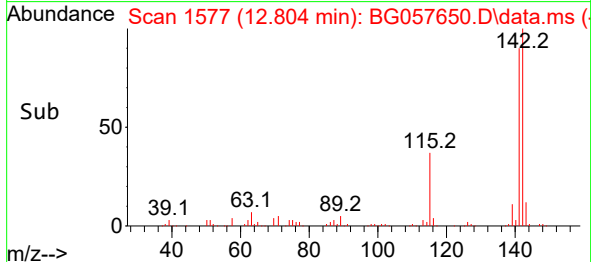
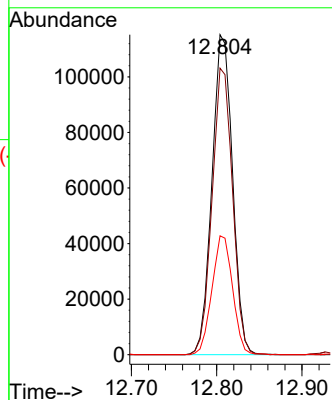
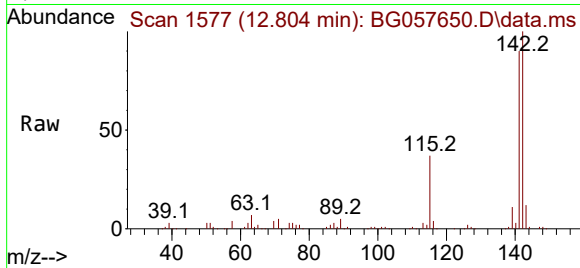




#37
2-Methylnaphthalene
Concen: 48.477 ng
RT: 12.804 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

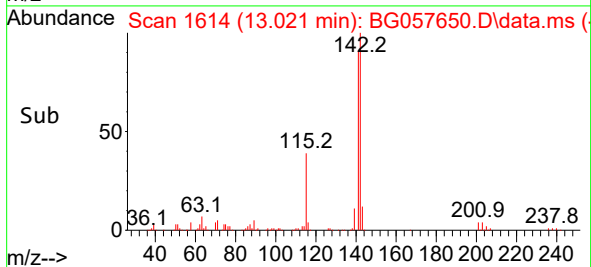
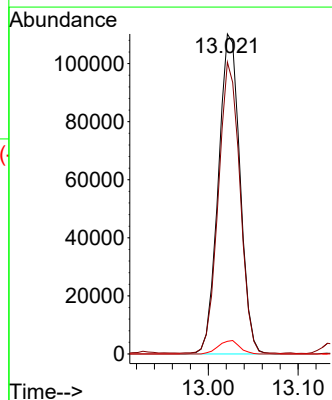
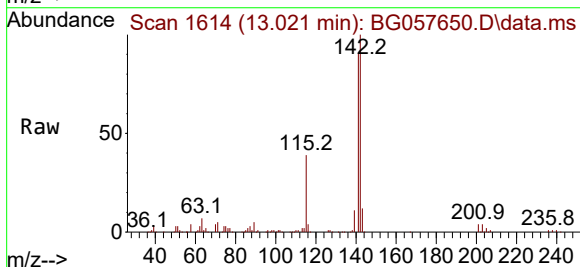
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

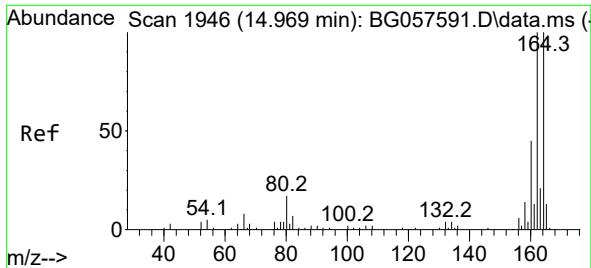
Tgt Ion:142 Resp: 192892
Ion Ratio Lower Upper
142 100
141 89.6 68.6 103.0
115 37.2 30.4 45.6



#38
1-Methylnaphthalene
Concen: 48.711 ng
RT: 13.021 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:142 Resp: 184961
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1
116 4.0 3.4 5.2

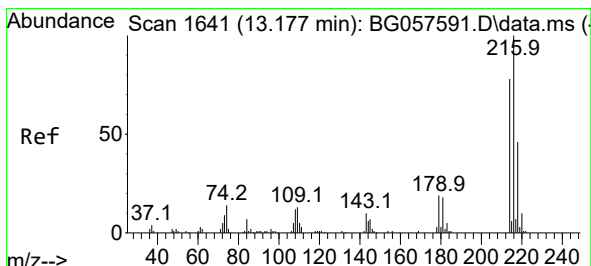
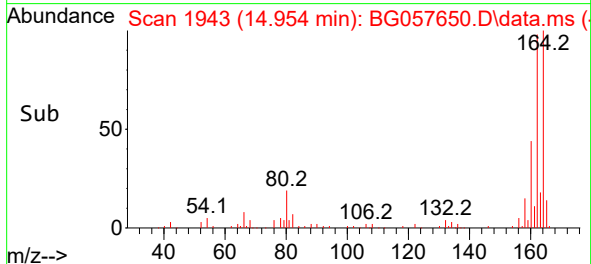
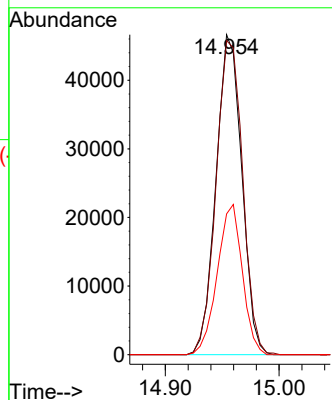
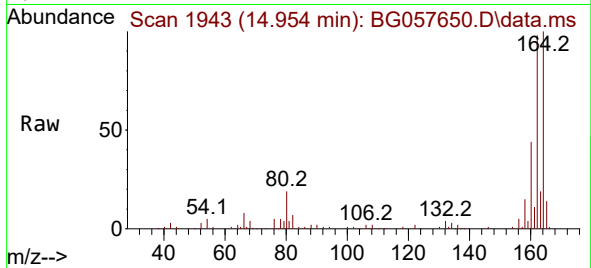




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.954 min Scan# 14
Delta R.T. -0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

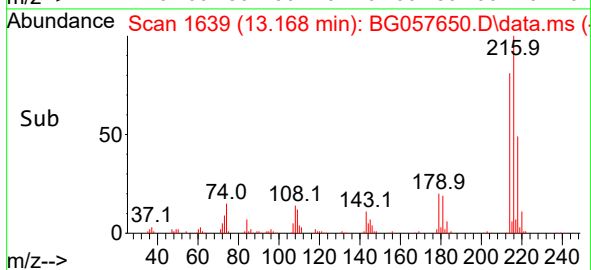
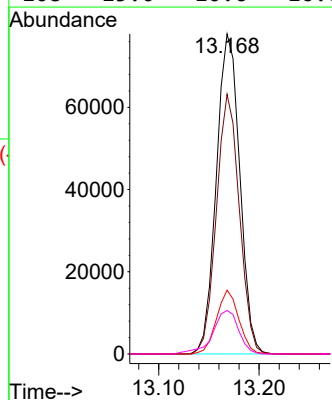
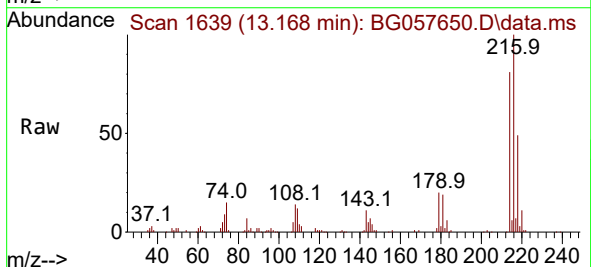
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

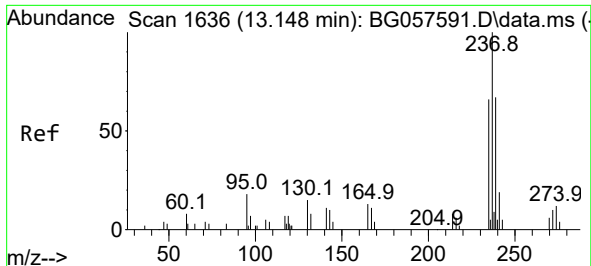
Tgt Ion:164 Resp: 73333
Ion Ratio Lower Upper
164 100
162 98.2 80.1 120.1
160 44.0 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.300 ng
RT: 13.168 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:216 Resp: 125886
Ion Ratio Lower Upper
216 100
214 79.5 63.0 94.6
179 19.0 15.0 22.6
108 15.0 10.6 16.0

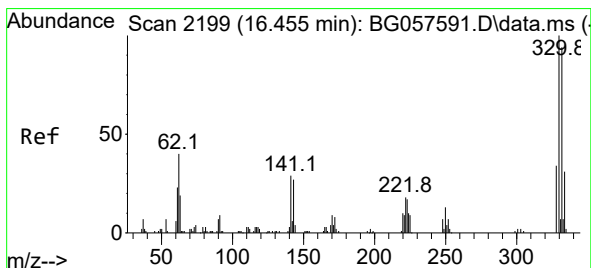
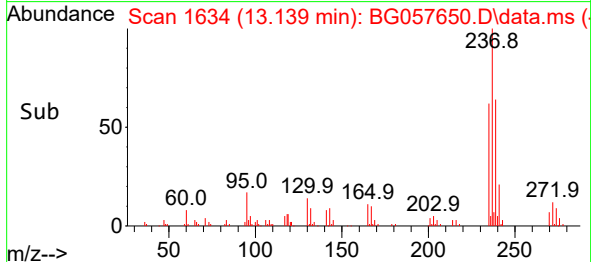
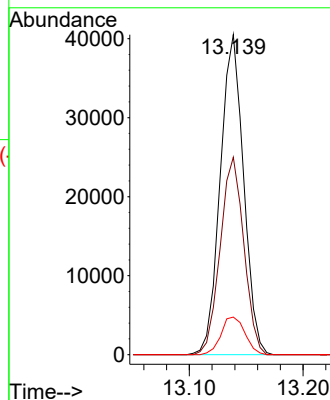
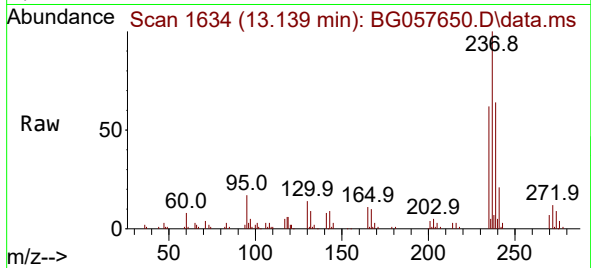




#41
Hexachlorocyclopentadiene
Concen: 88.550 ng
RT: 13.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

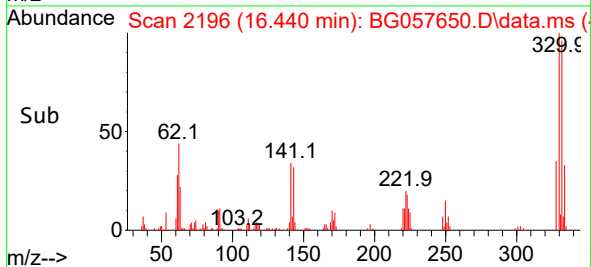
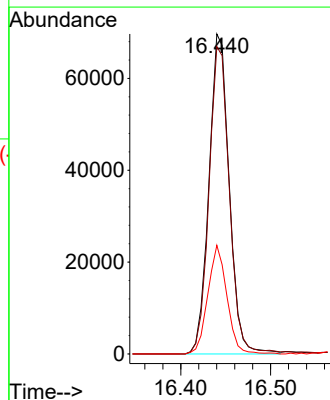
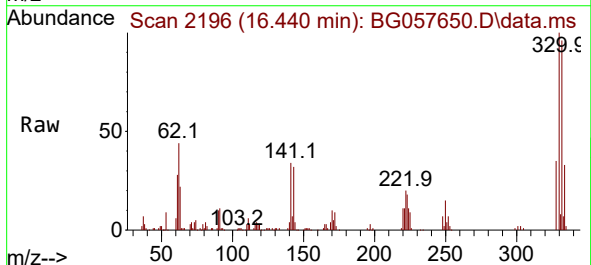
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

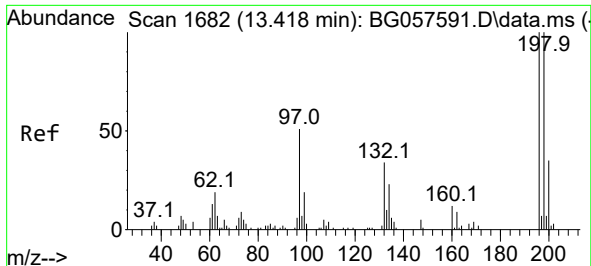
Tgt Ion:237 Resp: 57711
Ion Ratio Lower Upper
237 100
235 61.7 45.7 85.7
272 11.7 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 93.085 ng
RT: 16.440 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:330 Resp: 109289
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 31.9 24.6 37.0

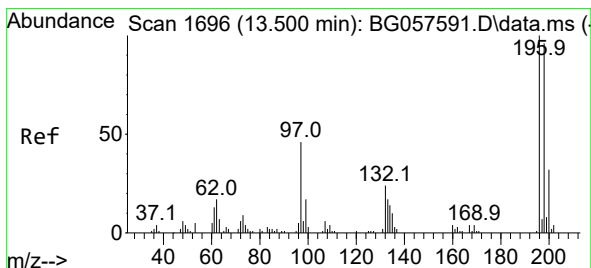
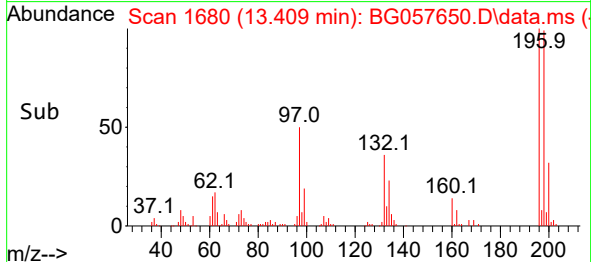
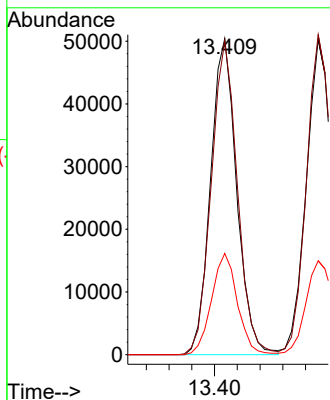
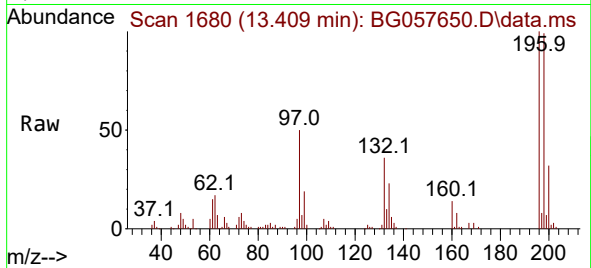




#43
2,4,6-Trichlorophenol
Concen: 53.112 ng
RT: 13.409 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

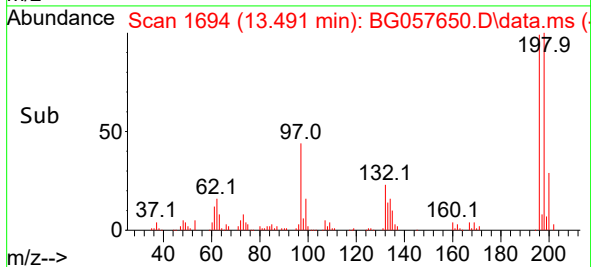
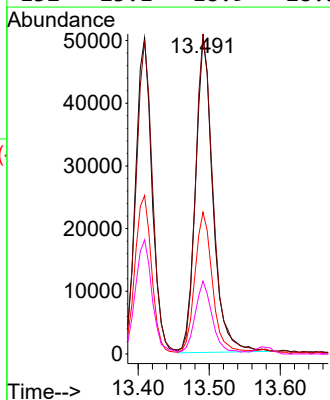
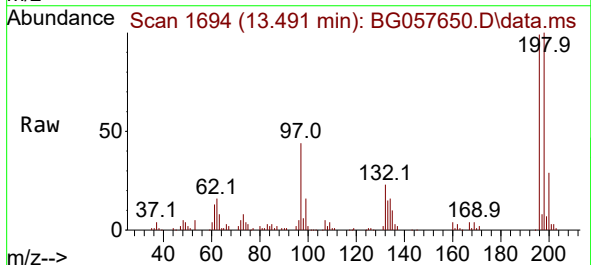
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

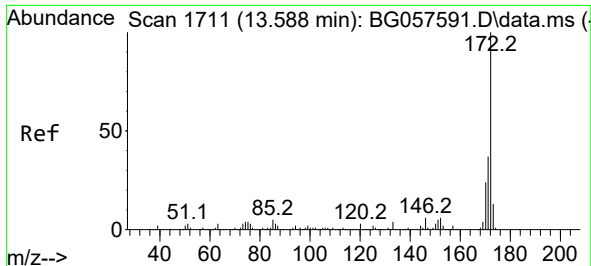
Tgt Ion:196 Resp: 80484
Ion Ratio Lower Upper
196 100
198 99.3 79.6 119.4
200 32.1 28.2 42.2



#44
2,4,5-Trichlorophenol
Concen: 47.559 ng
RT: 13.491 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:196 Resp: 85835
Ion Ratio Lower Upper
196 100
198 101.5 76.9 115.3
97 45.0 36.6 55.0
132 23.1 18.9 28.3

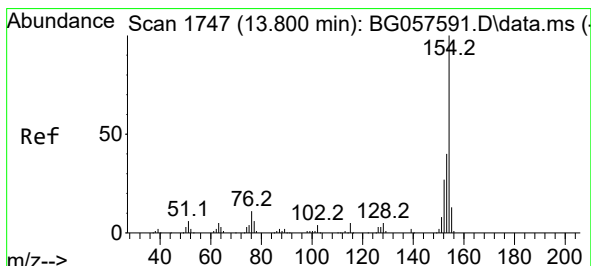
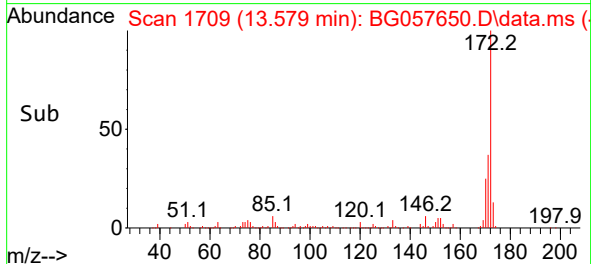
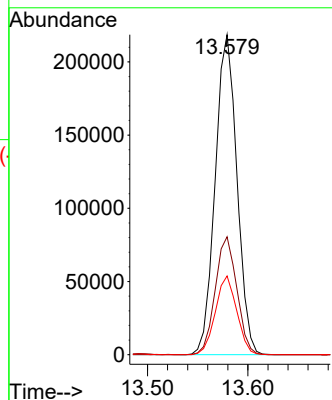
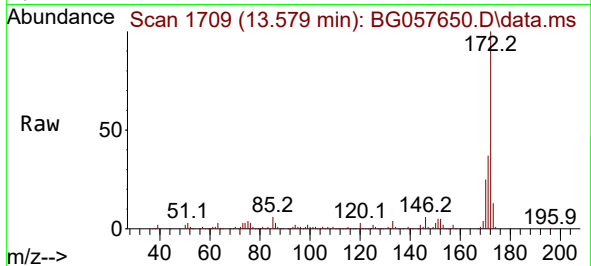




#45
2-Fluorobiphenyl
Concen: 64.438 ng
RT: 13.579 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

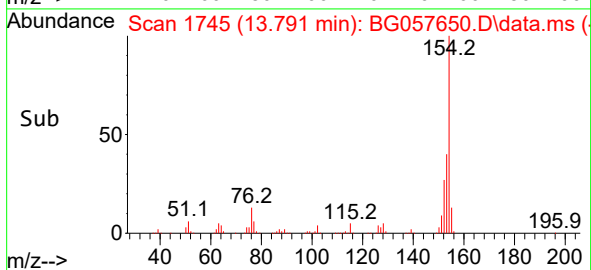
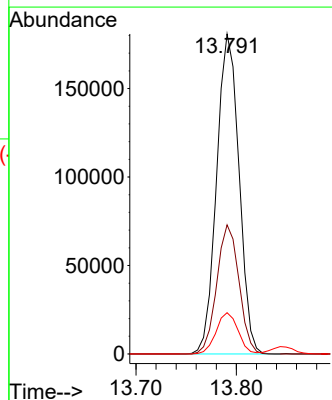
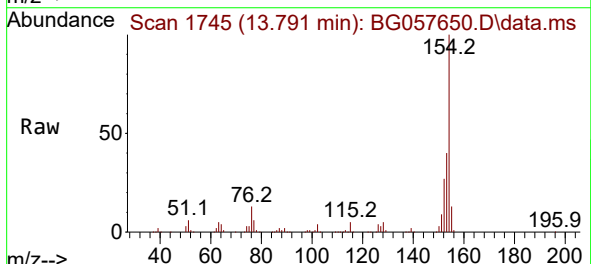
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

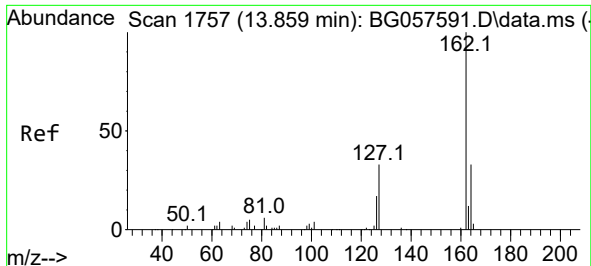
Tgt Ion:172 Resp: 328815
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 24.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 53.335 ng
RT: 13.791 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:154 Resp: 279538
Ion Ratio Lower Upper
154 100
153 40.3 19.6 59.6
76 12.9 0.0 30.9





#47

2-Chloronaphthalene

Concen: 53.498 ng

RT: 13.844 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

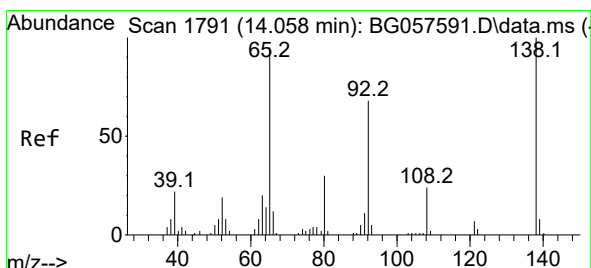
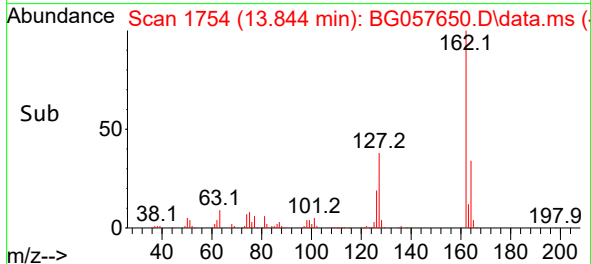
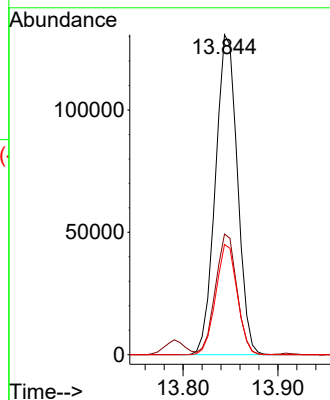
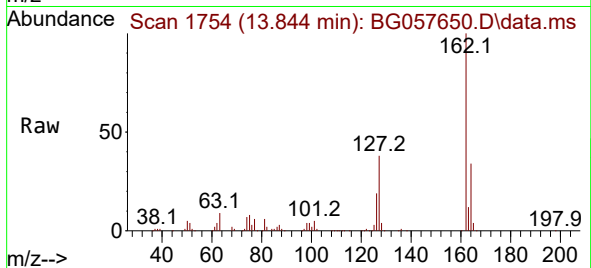
Tgt Ion:162 Resp: 211198

Ion Ratio Lower Upper

162 100

127 37.7 28.2 42.2

164 34.4 26.1 39.1



#48

2-Nitroaniline

Concen: 50.388 ng

RT: 14.049 min Scan# 1789

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

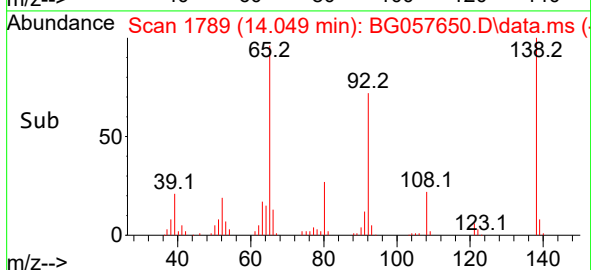
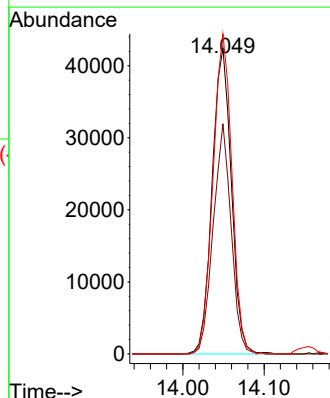
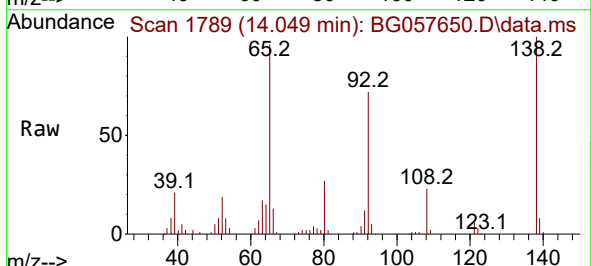
Tgt Ion: 65 Resp: 69679

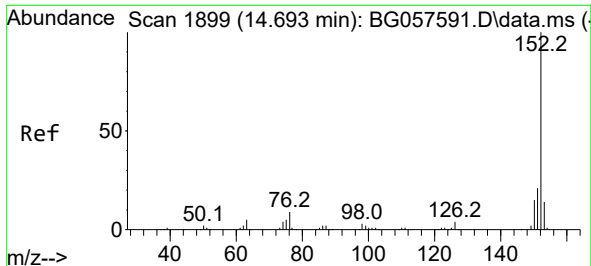
Ion Ratio Lower Upper

65 100

92 75.2 57.3 85.9

138 104.5 84.6 127.0

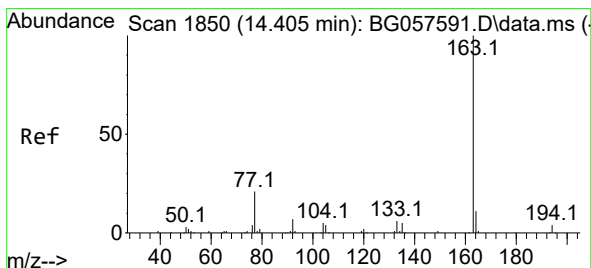
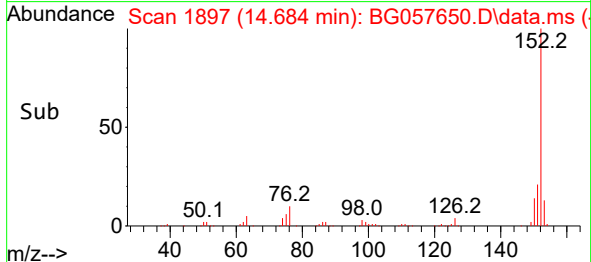
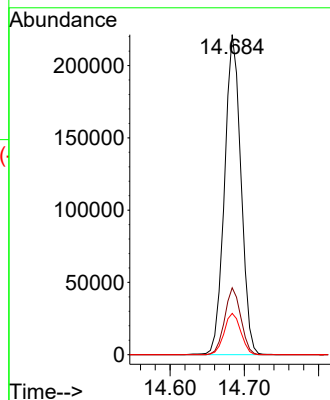
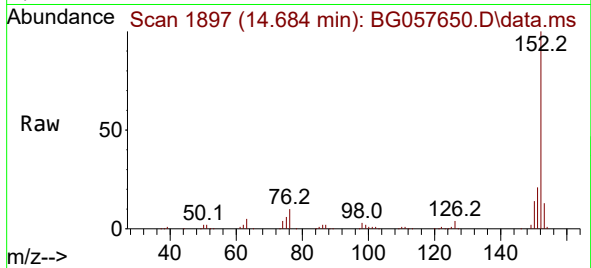




#49
Acenaphthylene
Concen: 50.870 ng
RT: 14.684 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

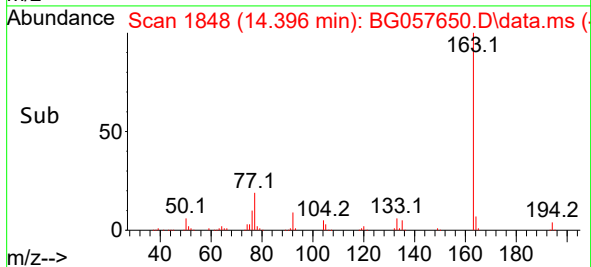
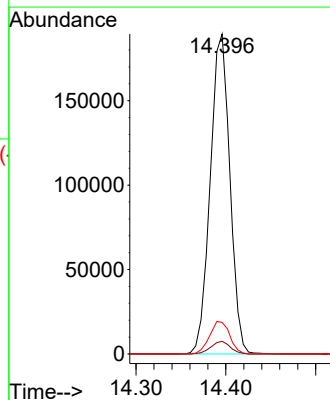
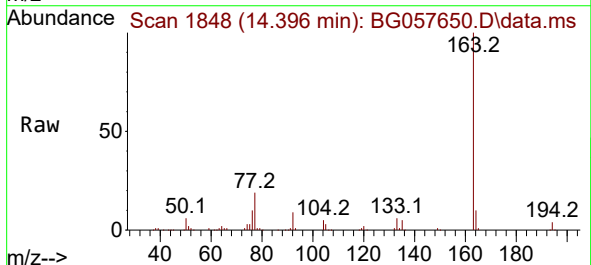
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

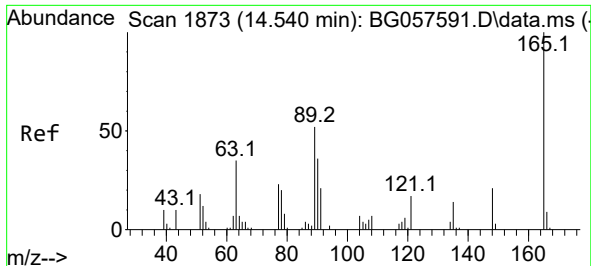
Tgt Ion:152 Resp: 340069
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 12.9 11.0 16.4



#50
Dimethylphthalate
Concen: 47.590 ng
RT: 14.396 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:163 Resp: 287632
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.8 8.5 12.7

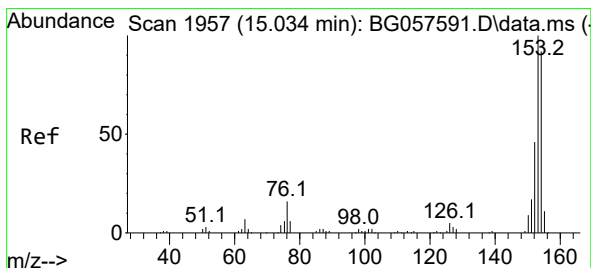
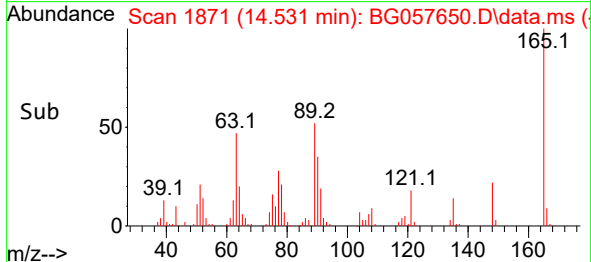
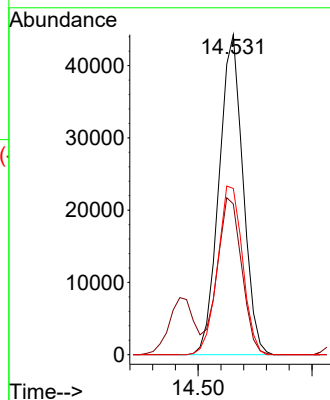
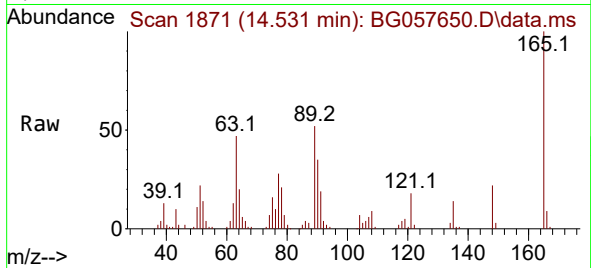




#51
2,6-Dinitrotoluene
Concen: 50.063 ng
RT: 14.531 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

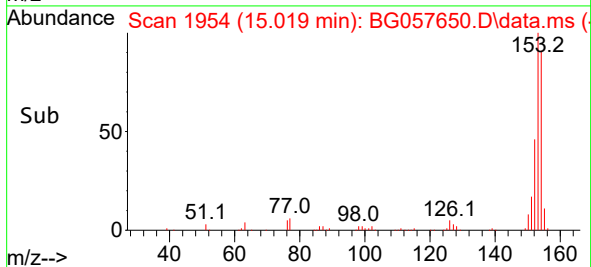
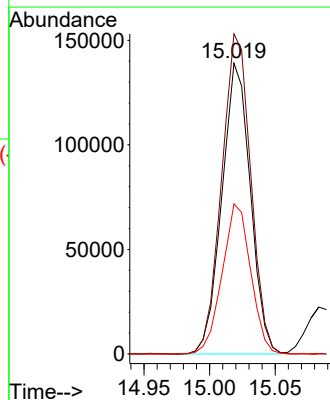
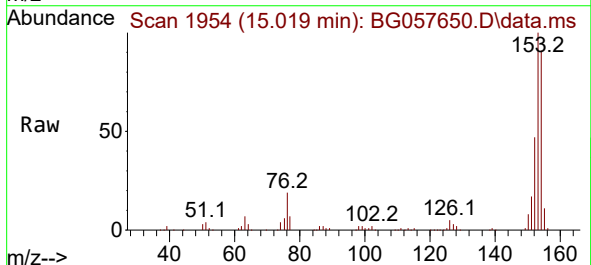
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

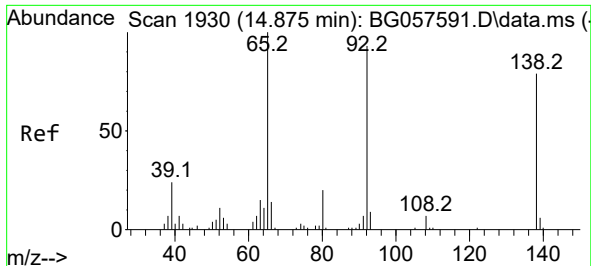
Tgt Ion:165 Resp: 64772
Ion Ratio Lower Upper
165 100
63 47.1 39.3 58.9
89 51.9 41.5 62.3



#52
Acenaphthene
Concen: 51.441 ng
RT: 15.019 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

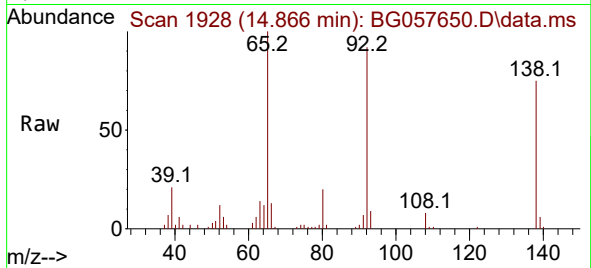
Tgt Ion:154 Resp: 210421
Ion Ratio Lower Upper
154 100
153 110.1 87.4 131.0
152 51.6 40.2 60.4



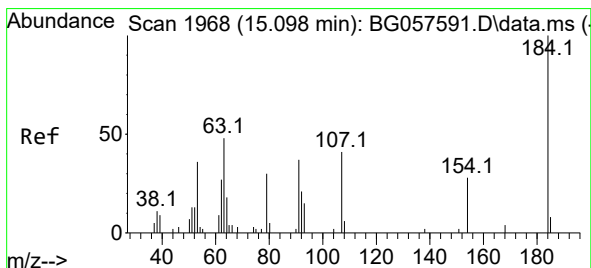
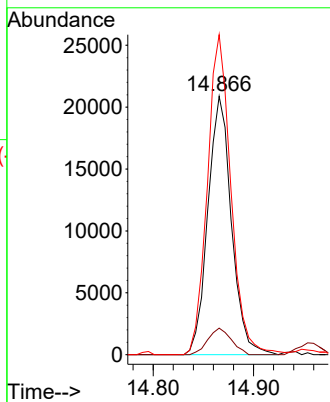
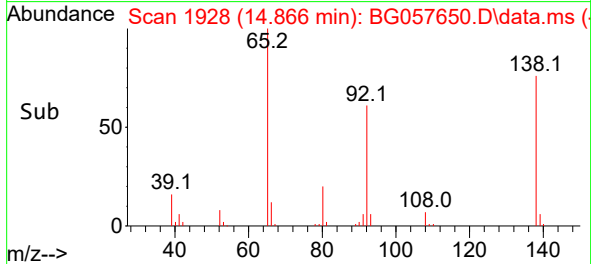


#53
3-Nitroaniline
Concen: 25.295 ng
RT: 14.866 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

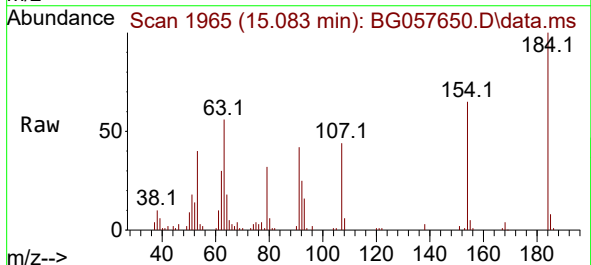
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD



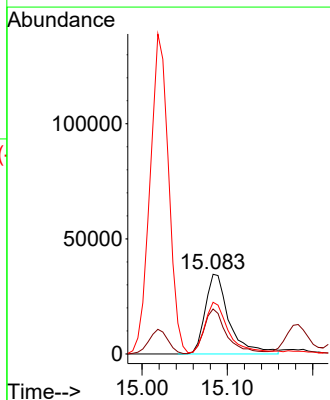
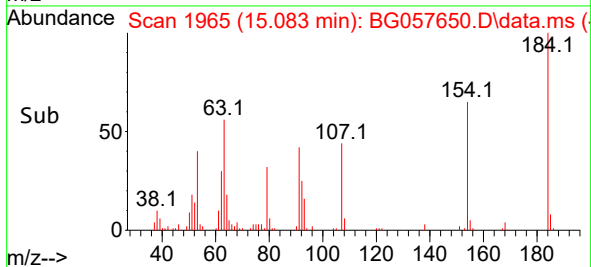
Tgt Ion:138 Resp: 34135
Ion Ratio Lower Upper
138 100
108 10.3 7.1 10.7
92 123.8 94.9 142.3

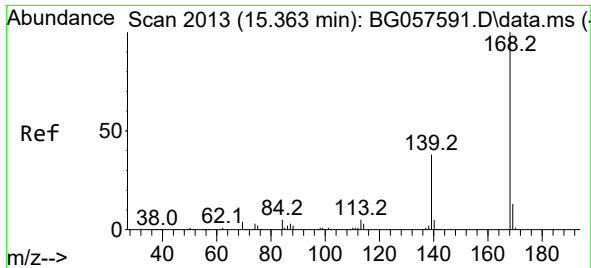


#54
2,4-Dinitrophenol
Concen: 86.352 ng
RT: 15.083 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45



Tgt Ion:184 Resp: 67870
Ion Ratio Lower Upper
184 100
63 56.3 41.4 62.2
154 64.8 52.5 78.7

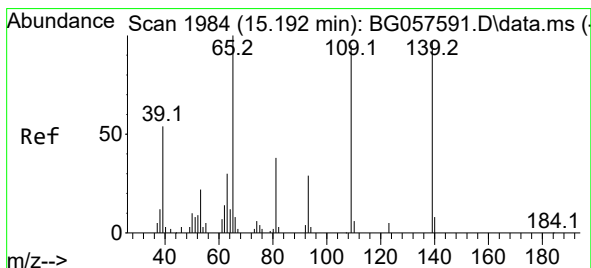
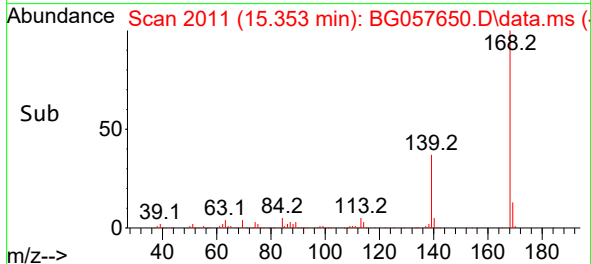
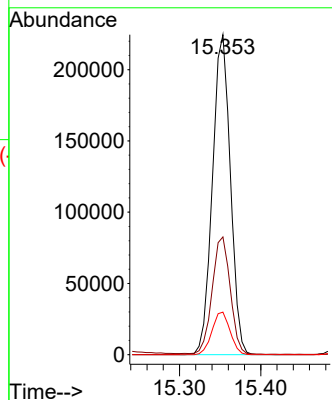
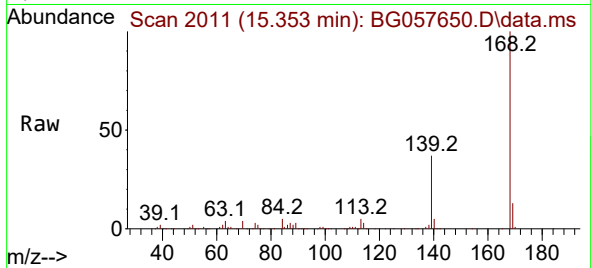




#55
Dibenzenofuran
Concen: 49.209 ng
RT: 15.353 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

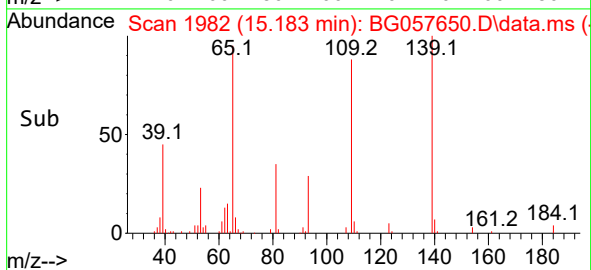
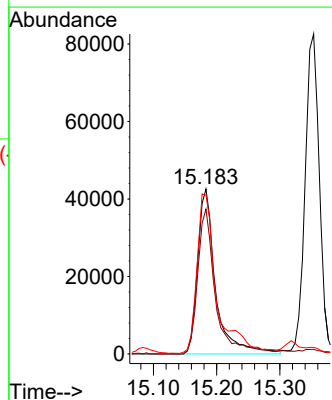
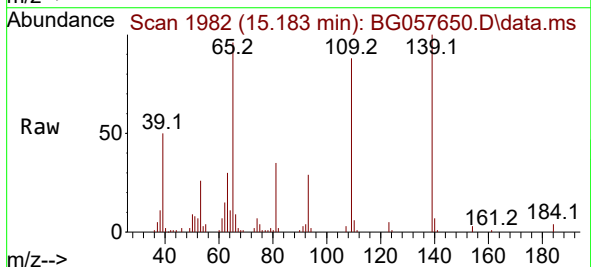
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

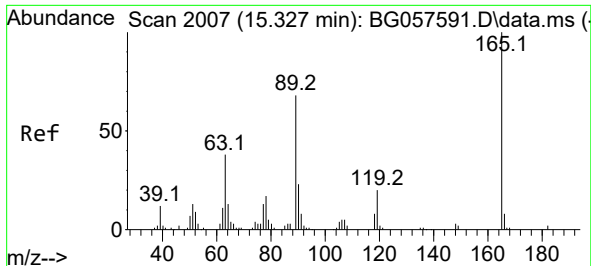
Tgt Ion:168 Resp: 343950
Ion Ratio Lower Upper
168 100
139 36.8 30.6 46.0
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 93.751 ng
RT: 15.183 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:139 Resp: 84293
Ion Ratio Lower Upper
139 100
109 87.8 78.2 118.2
65 96.4 83.2 123.2





#57

2,4-Dinitrotoluene

Concen: 48.124 ng

RT: 15.318 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BG057650.D

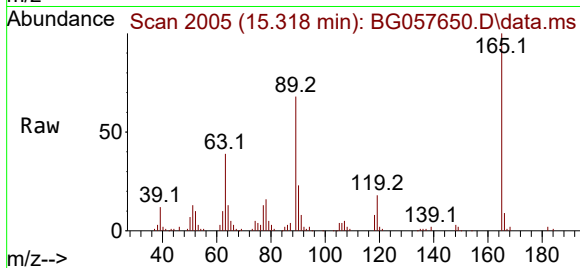
Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD



Tgt Ion:165 Resp: 93224

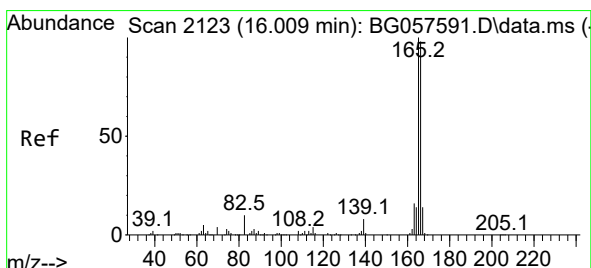
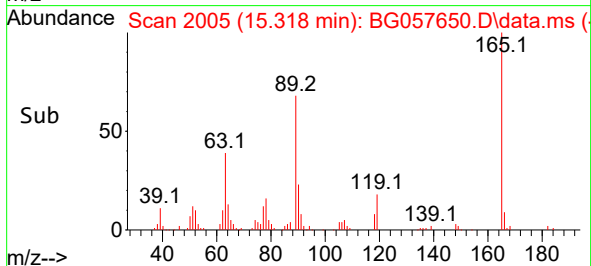
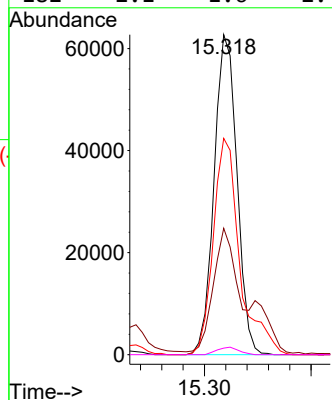
Ion Ratio Lower Upper

165 100

63 39.5 30.6 45.8

89 67.6 54.2 81.2

182 2.1 1.6 2.4



#58

Fluorene

Concen: 48.721 ng

RT: 16.000 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

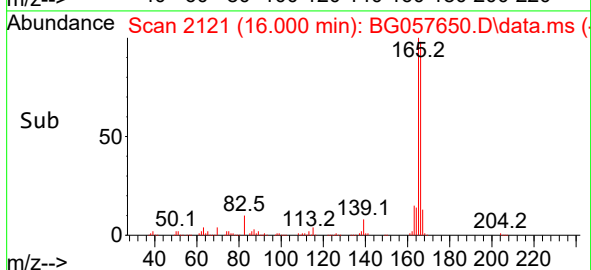
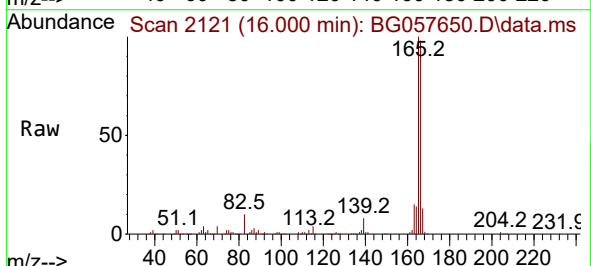
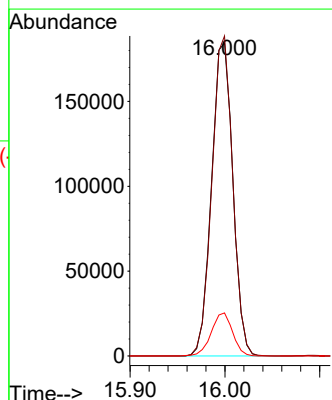
Tgt Ion:166 Resp: 287528

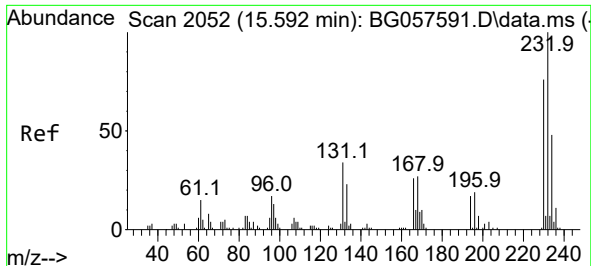
Ion Ratio Lower Upper

166 100

165 102.3 81.2 121.8

167 13.8 11.1 16.7



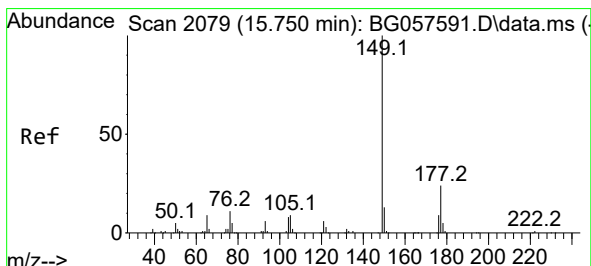
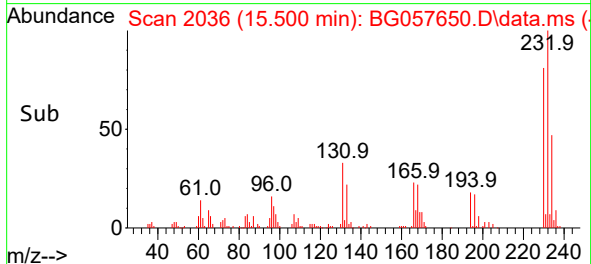
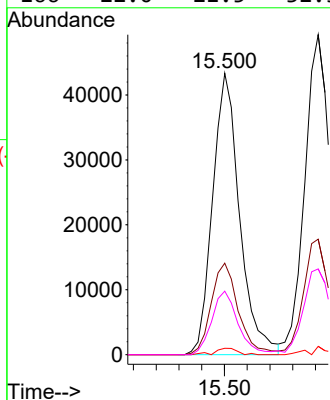
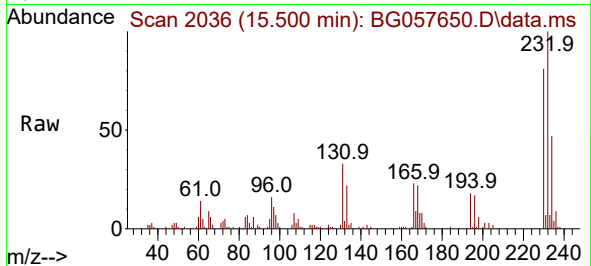


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.293 ng
RT: 15.500 min Scan# 2052
Delta R.T. -0.082 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

Tgt Ion:232 Resp: 71509

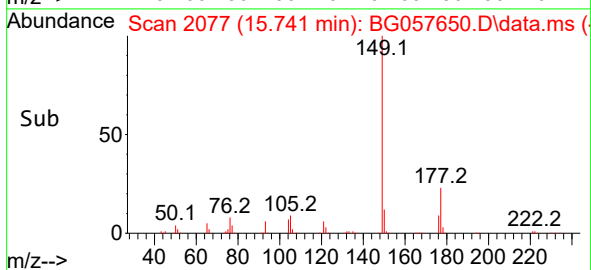
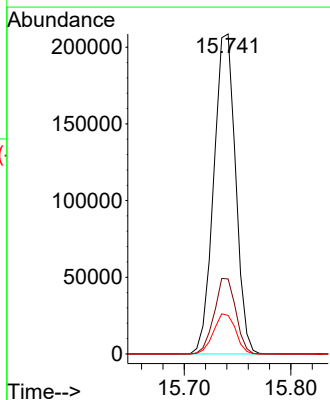
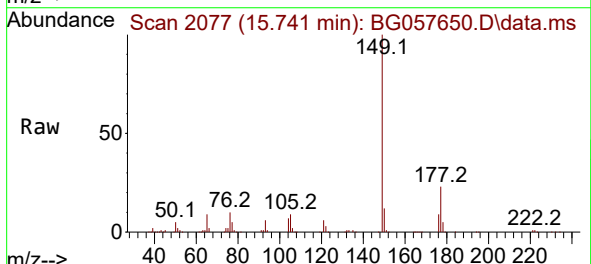
Ion	Ratio	Lower	Upper
232	100		
131	32.7	28.6	43.0
130	1.9	1.8	2.6
166	22.0	21.5	32.3

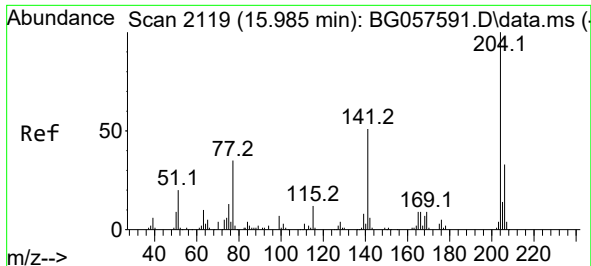


#60
Diethylphthalate
Concen: 46.908 ng
RT: 15.741 min Scan# 2077
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:149 Resp: 295915

Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.0	28.6
150	12.1	10.1	15.1

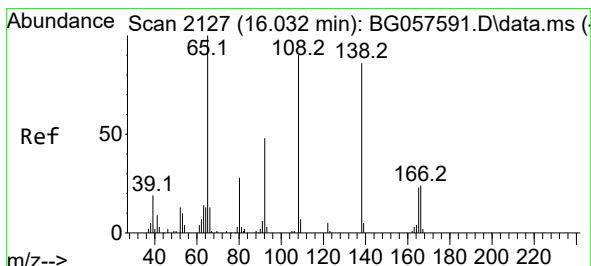
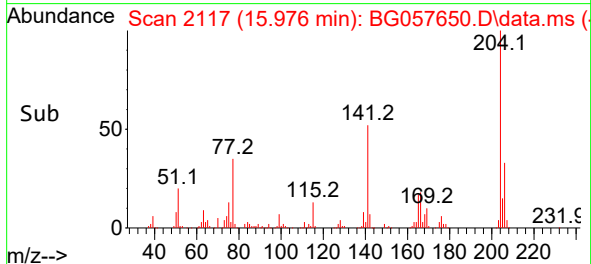
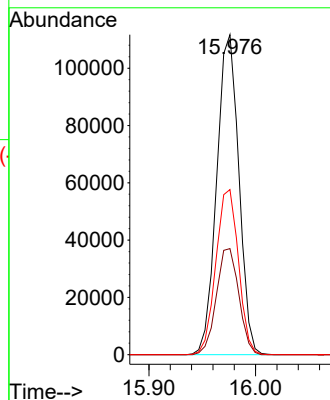
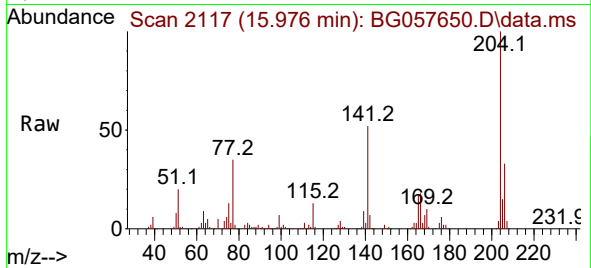




#61
4-Chlorophenyl-phenylether
Concen: 48.906 ng
RT: 15.976 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

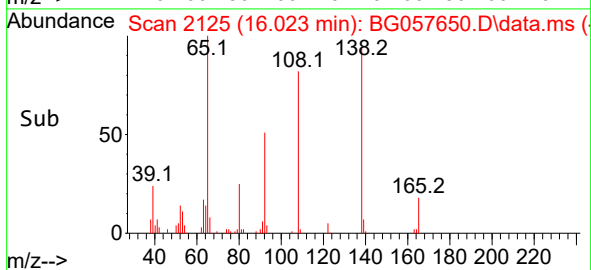
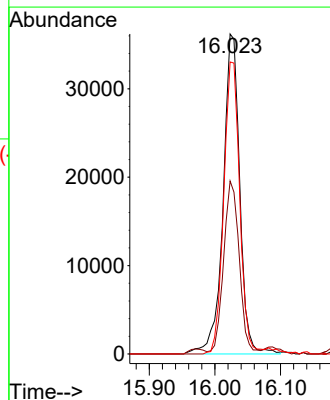
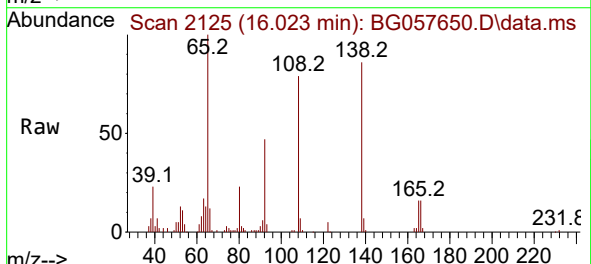
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

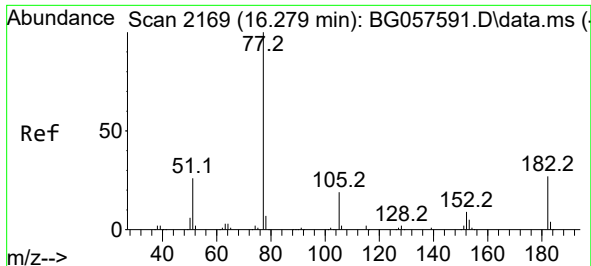
Tgt Ion:204 Resp: 160849
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 51.6 40.8 61.2



#62
4-Nitroaniline
Concen: 43.682 ng
RT: 16.023 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:138 Resp: 63588
Ion Ratio Lower Upper
138 100
92 54.1 36.4 76.4
108 91.3 85.4 125.4

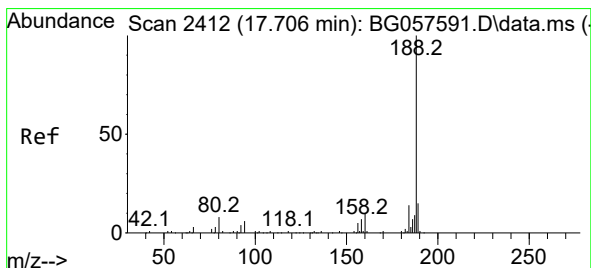
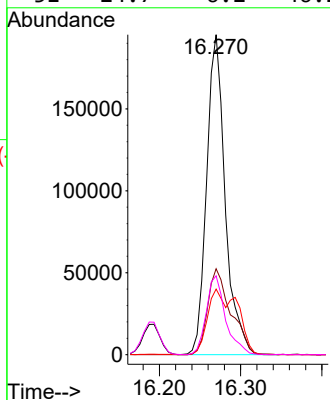
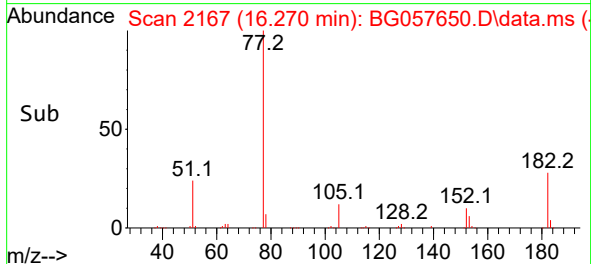
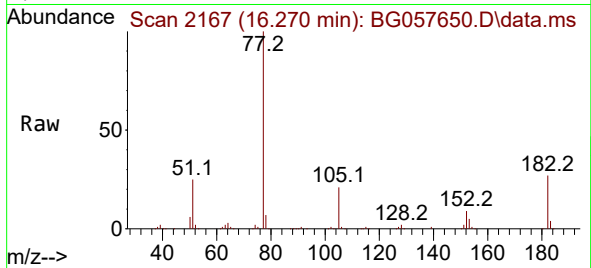




#63
Azobenzene
Concen: 55.244 ng
RT: 16.270 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

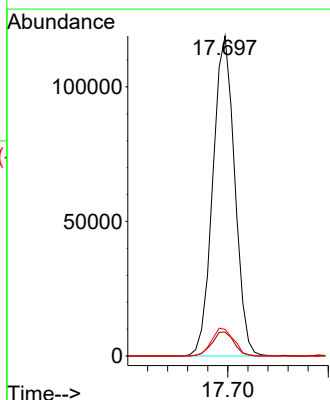
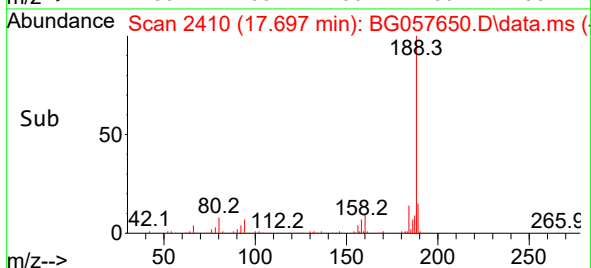
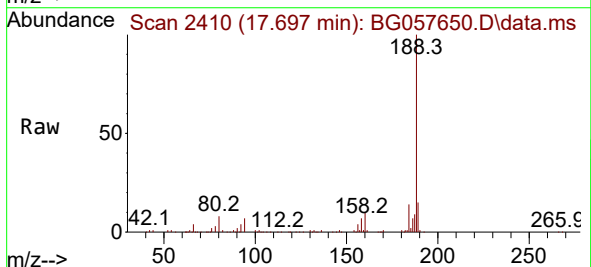
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

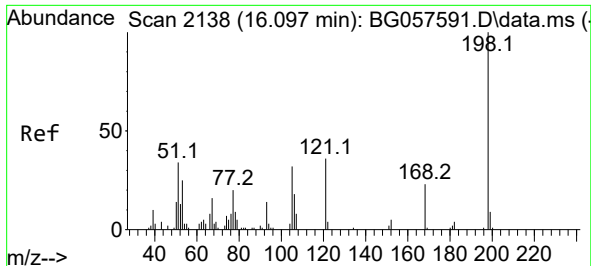
Tgt Ion: 77	Resp: 309931
Ion Ratio	Lower Upper
77 100	
182 26.9	7.4 47.4
105 20.5	0.0 39.4
51 24.7	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:188	Resp: 179622
Ion Ratio	Lower Upper
188 100	
94 7.5	5.2 7.8
80 8.3	6.7 10.1





#65
4,6-Dinitro-2-methylphenol
Concen: 51.573 ng
RT: 16.088 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

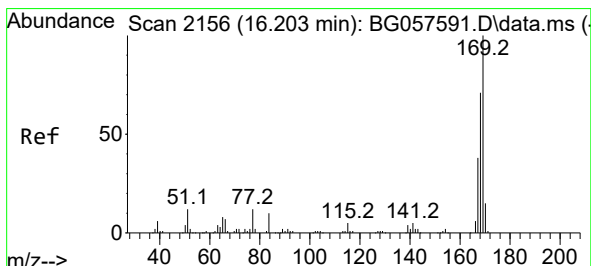
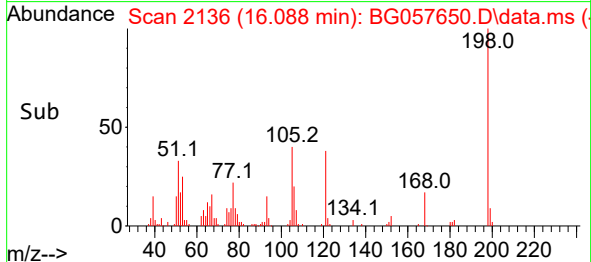
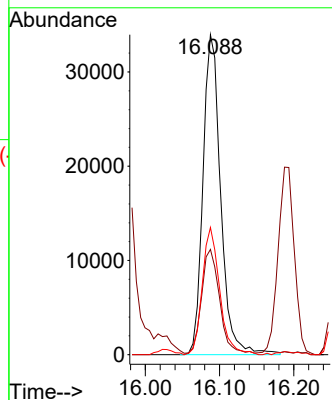
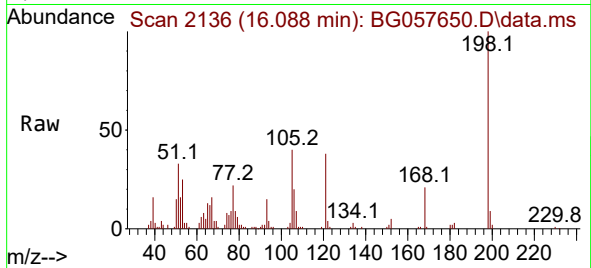
Instrument :

BNA_G

ClientSampleId :

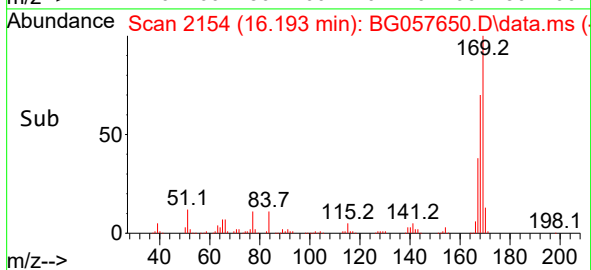
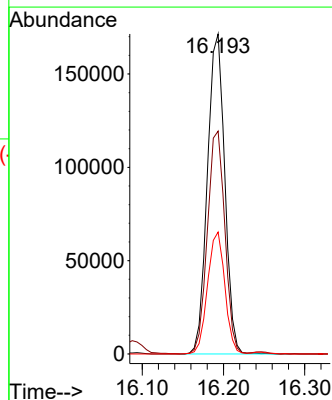
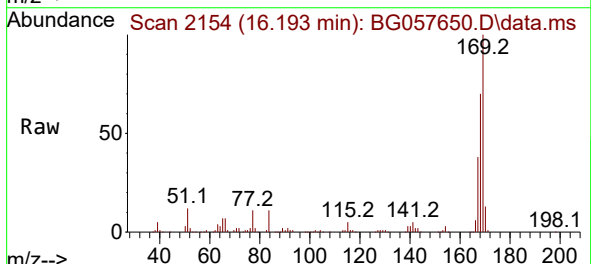
TP16-0AMSD

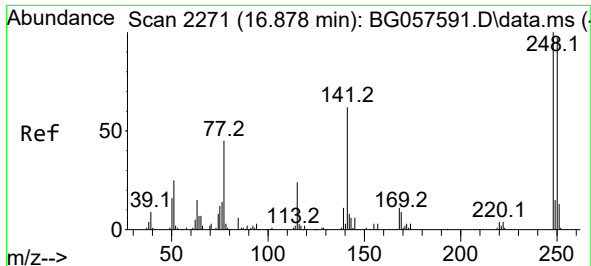
Tgt Ion:198 Resp: 56405
Ion Ratio Lower Upper
198 100
51 32.9 14.9 54.9
105 39.7 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 54.302 ng
RT: 16.193 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:169 Resp: 253517
Ion Ratio Lower Upper
169 100
168 69.7 56.7 85.1
167 38.1 30.7 46.1

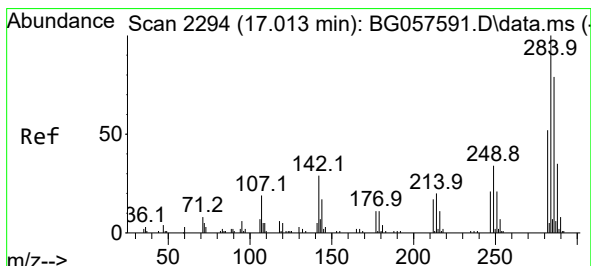
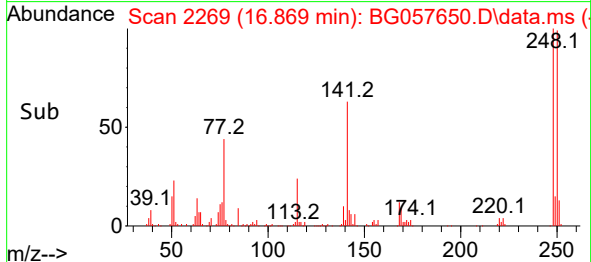
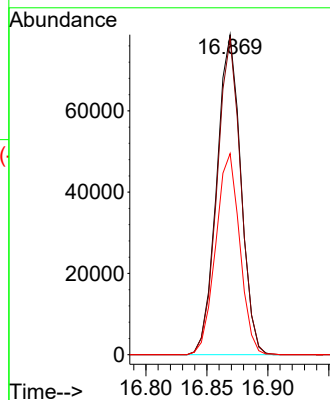
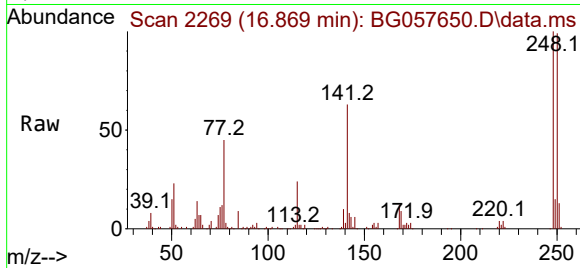




#67
4-Bromophenyl-phenylether
Concen: 53.680 ng
RT: 16.869 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

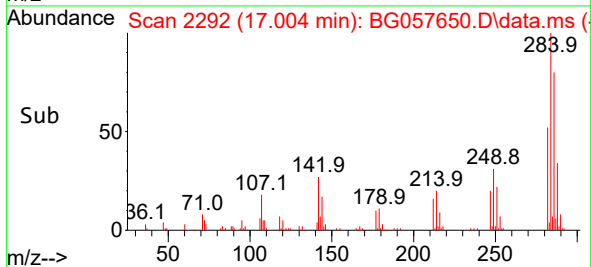
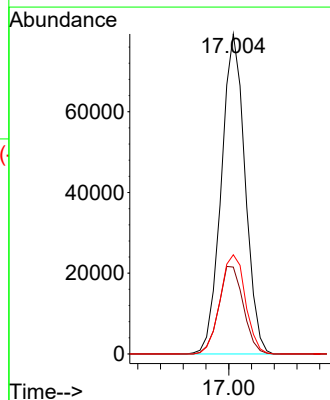
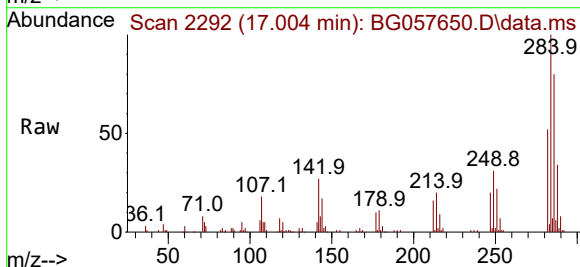
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

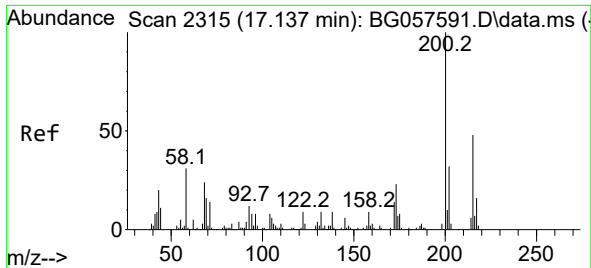
Tgt Ion:248 Resp: 108158
Ion Ratio Lower Upper
248 100
250 98.8 77.4 116.2
141 62.8 49.4 74.0



#68
Hexachlorobenzene
Concen: 55.347 ng
RT: 17.004 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:284 Resp: 114953
Ion Ratio Lower Upper
284 100
142 27.2 22.9 34.3
249 31.0 27.0 40.4

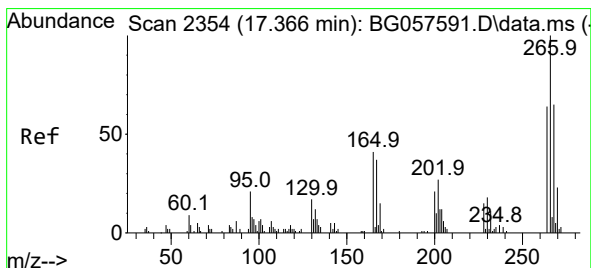
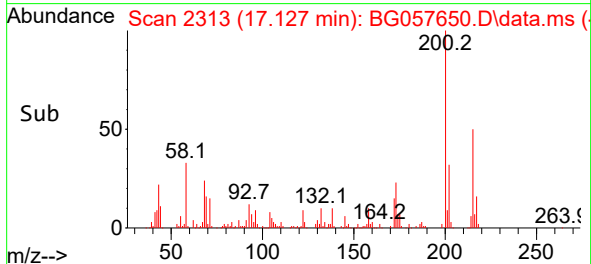
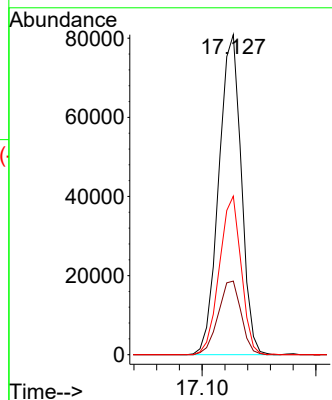
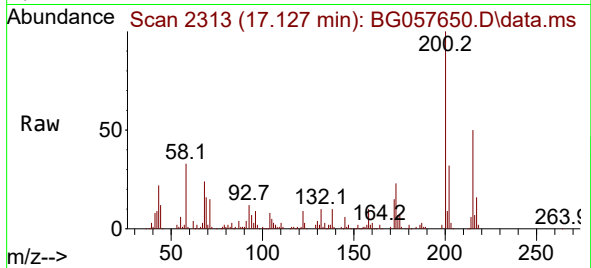




#69
 Atrazine
 Concen: 55.363 ng
 RT: 17.127 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG057650.D
 Acq: 6 Jun 2023 23:45

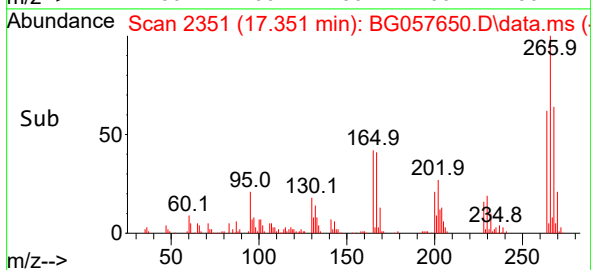
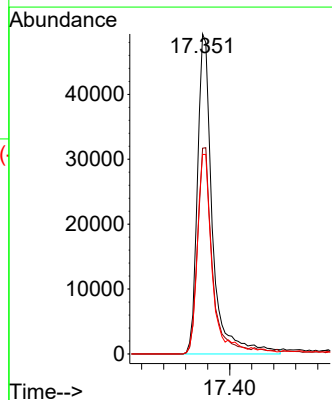
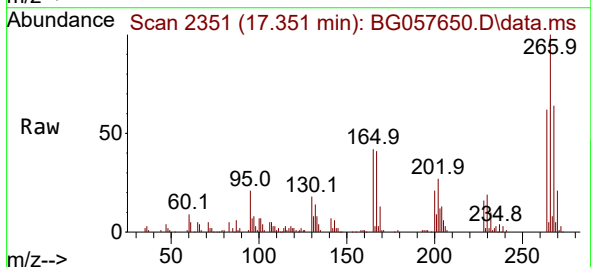
Instrument :
 BNA_G
 ClientSampleId :
 TP16-0AMSD

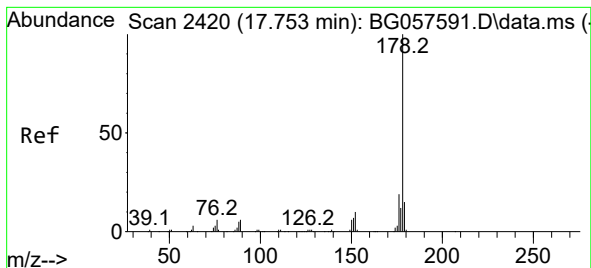
Tgt Ion:200 Resp: 110970
 Ion Ratio Lower Upper
 200 100
 173 23.0 3.2 43.2
 215 49.5 28.4 68.4



#70
 Pentachlorophenol
 Concen: 88.205 ng
 RT: 17.351 min Scan# 2351
 Delta R.T. -0.006 min
 Lab File: BG057650.D
 Acq: 6 Jun 2023 23:45

Tgt Ion:266 Resp: 93345
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.2 78.4
 264 62.4 51.2 76.8





#71

Phenanthrene

Concen: 51.530 ng

RT: 17.738 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

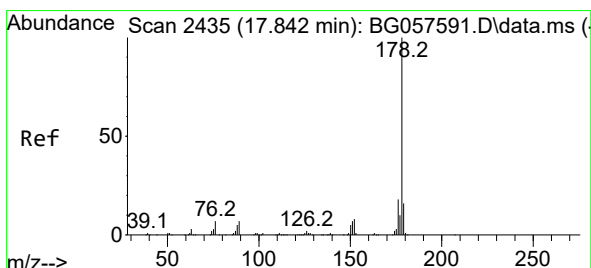
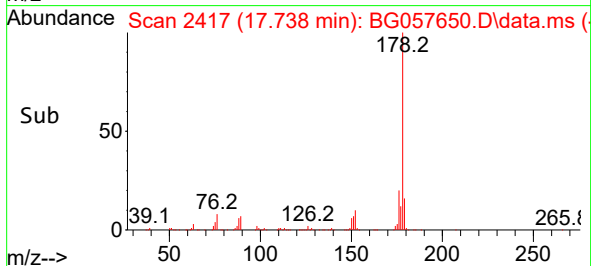
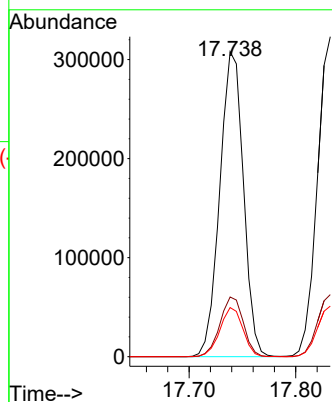
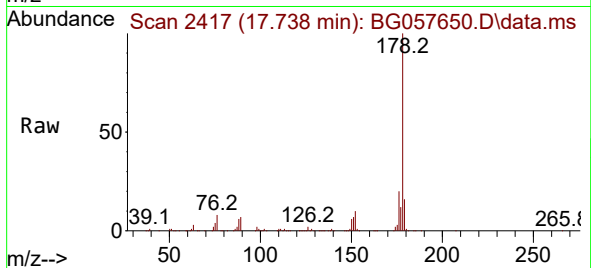
Tgt Ion:178 Resp: 473657

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 16.1 12.0 18.0



#72

Anthracene

Concen: 50.509 ng

RT: 17.832 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

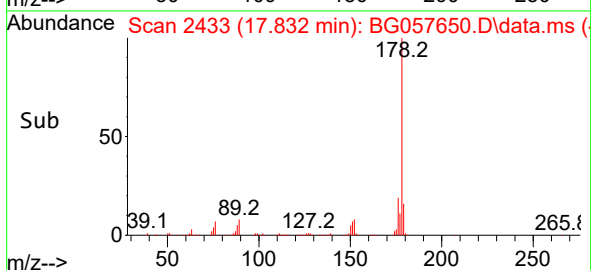
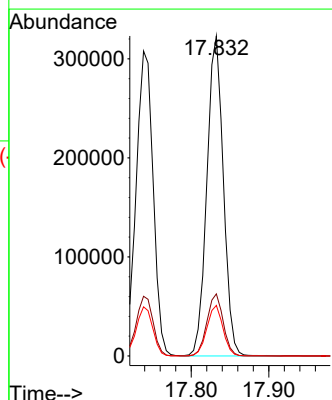
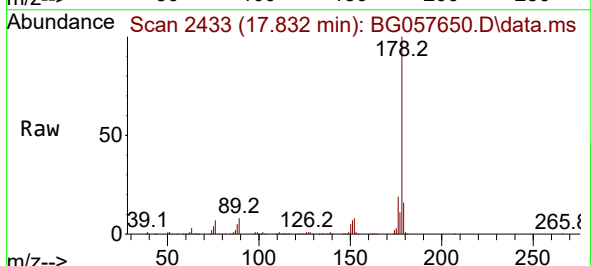
Tgt Ion:178 Resp: 476280

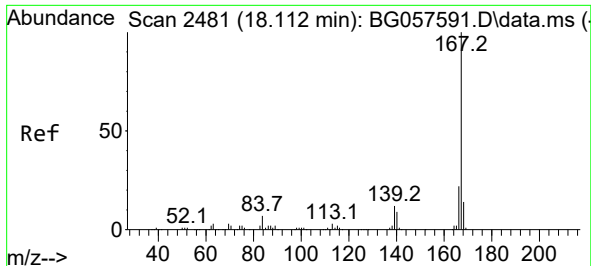
Ion Ratio Lower Upper

178 100

176 19.4 14.6 22.0

179 15.8 12.6 18.8

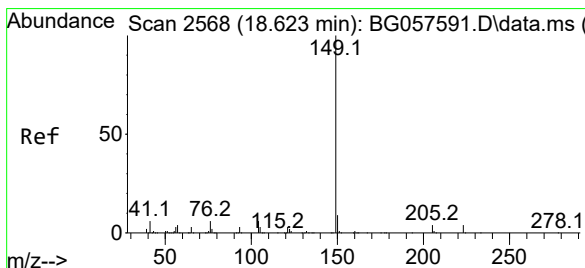
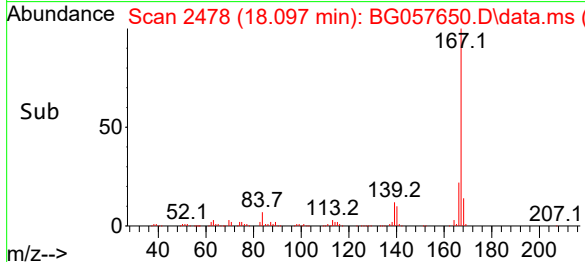
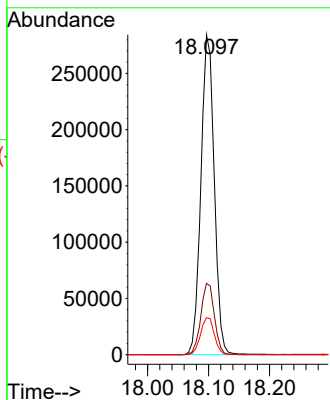
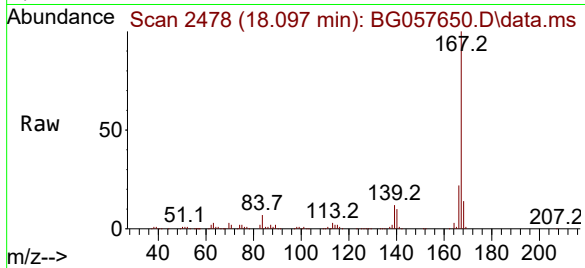




#73
Carbazole
Concen: 51.439 ng
RT: 18.097 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

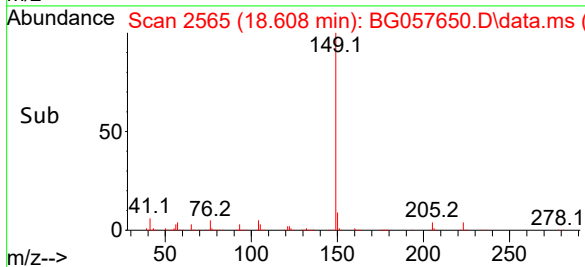
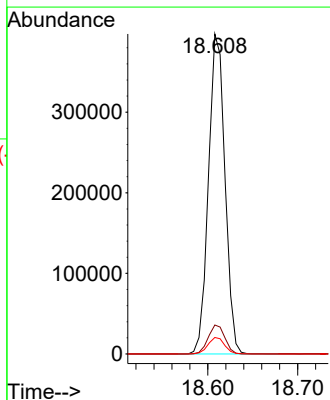
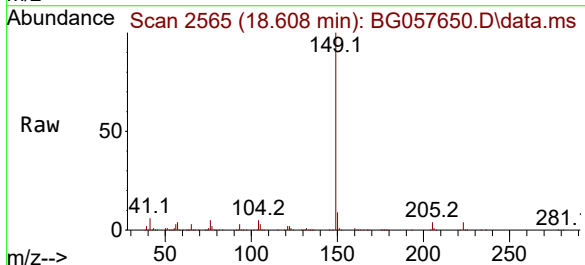
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

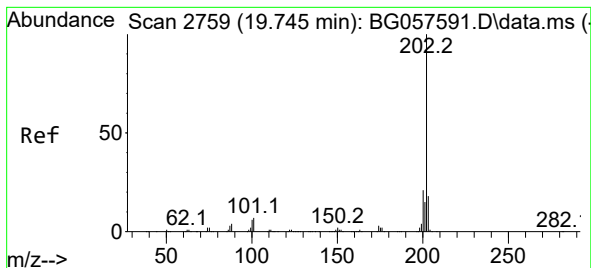
Tgt Ion:167 Resp: 433919
Ion Ratio Lower Upper
167 100
166 22.3 17.9 26.9
139 11.6 9.6 14.4



#74
Di-n-butylphthalate
Concen: 50.554 ng
RT: 18.608 min Scan# 2565
Delta R.T. -0.006 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:149 Resp: 506252
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.1 4.6 6.8





#75

Fluoranthene

Concen: 47.791 ng

RT: 19.730 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

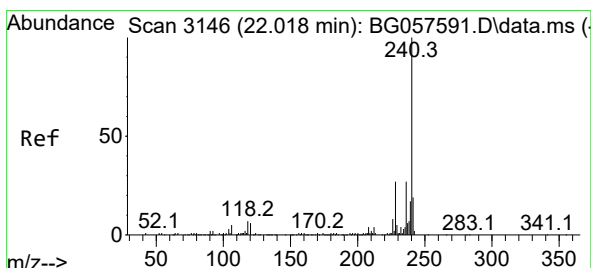
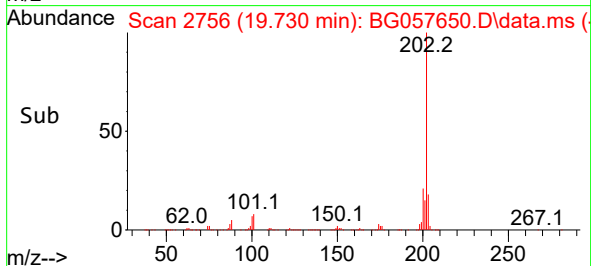
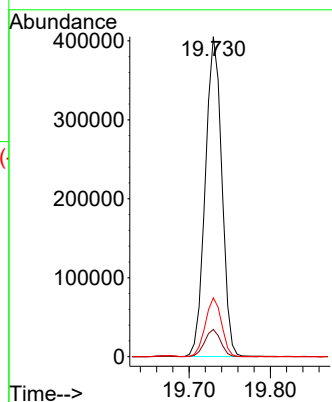
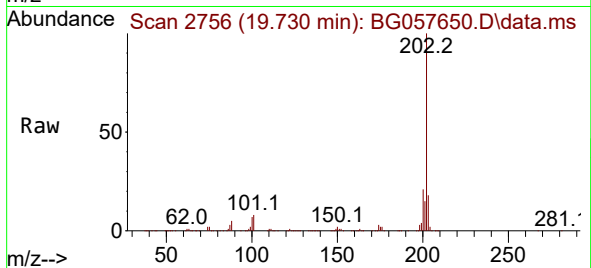
Tgt Ion:202 Resp: 570285

Ion Ratio Lower Upper

202 100

101 8.5 0.0 27.5

203 18.4 0.0 38.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.003 min Scan# 3143

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

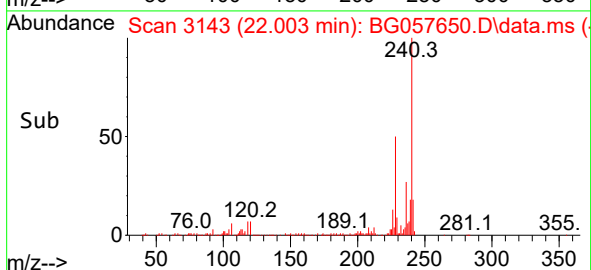
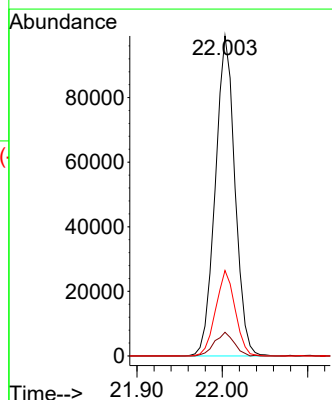
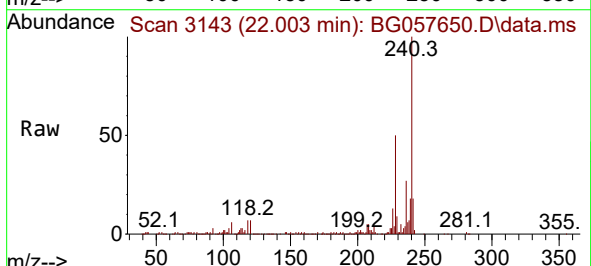
Tgt Ion:240 Resp: 158308

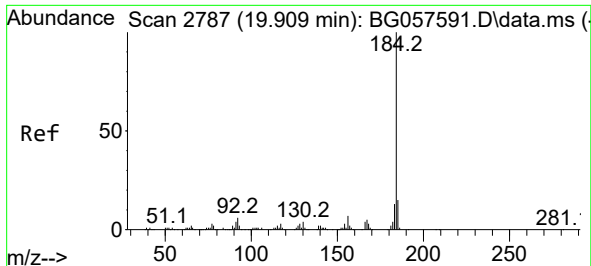
Ion Ratio Lower Upper

240 100

120 7.4 5.2 7.8

236 26.7 21.4 32.0

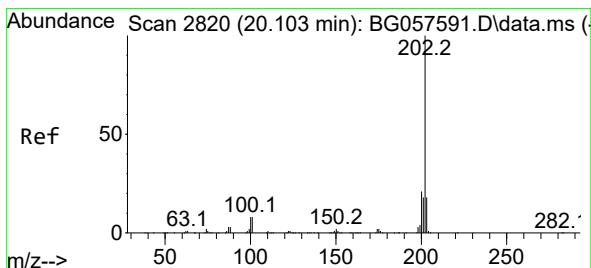
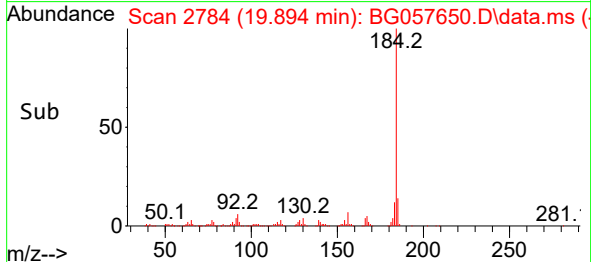
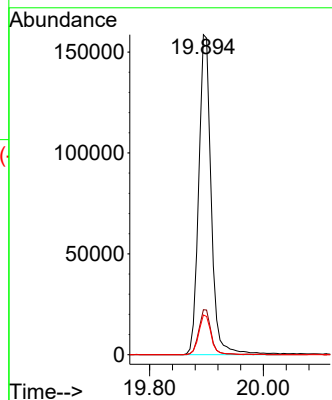
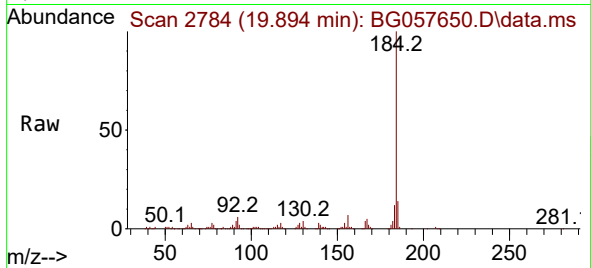




#77
Benzidine
Concen: 50.682 ng
RT: 19.894 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

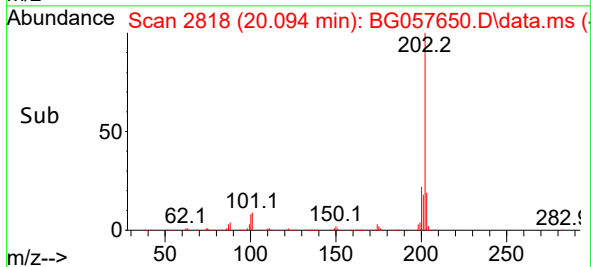
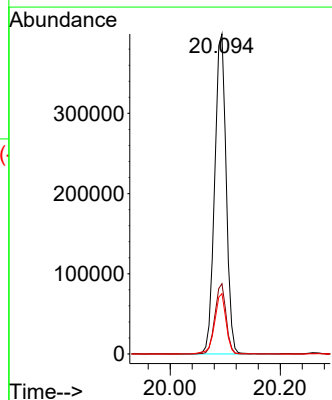
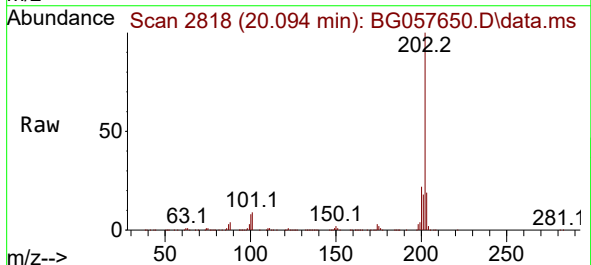
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

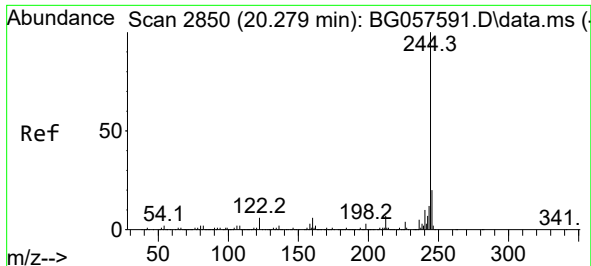
Tgt Ion:184 Resp: 242787
Ion Ratio Lower Upper
184 100
185 14.1 12.0 18.0
183 12.4 10.0 15.0



#78
Pyrene
Concen: 51.384 ng
RT: 20.094 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:202 Resp: 579193
Ion Ratio Lower Upper
202 100
200 21.9 16.8 25.2
203 18.9 14.5 21.7

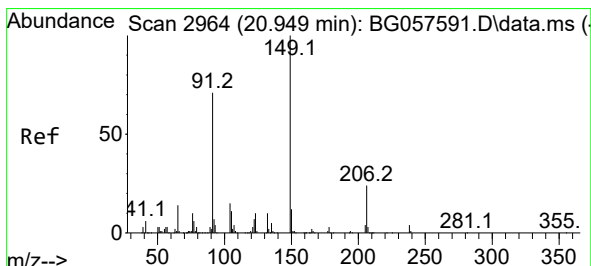
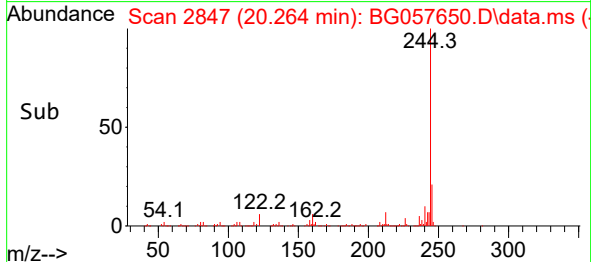
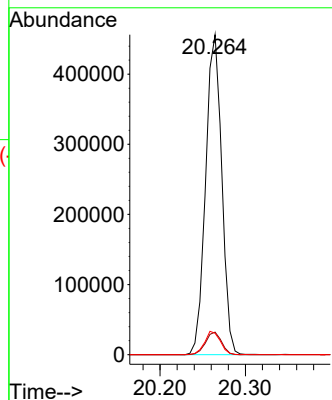
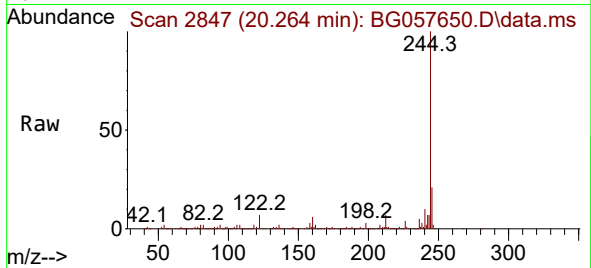




#79
 Terphenyl-d14
 Concen: 65.483 ng
 RT: 20.264 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057650.D
 Acq: 6 Jun 2023 23:45

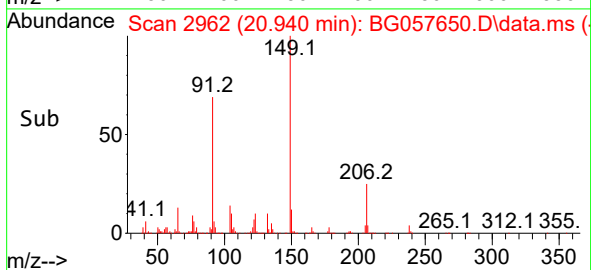
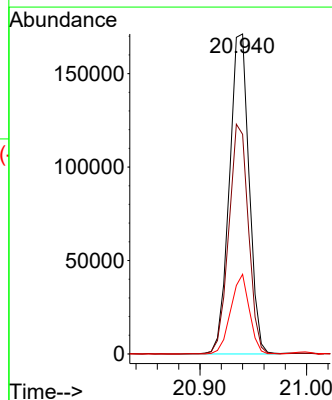
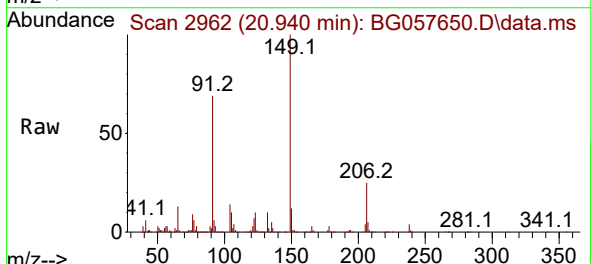
Instrument :
 BNA_G
 ClientSampleId :
 TP16-0AMSD

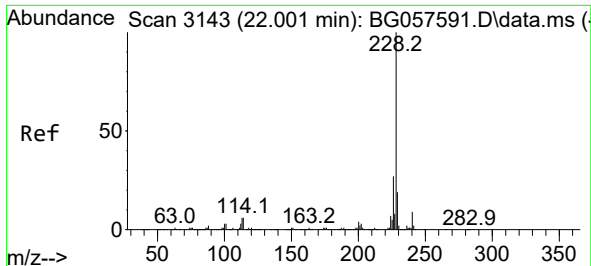
Tgt Ion:244 Resp: 598446
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 6.7 4.8 7.2



#80
 Butylbenzylphthalate
 Concen: 53.608 ng
 RT: 20.940 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: BG057650.D
 Acq: 6 Jun 2023 23:45

Tgt Ion:149 Resp: 220069
 Ion Ratio Lower Upper
 149 100
 91 68.6 57.0 85.6
 206 24.9 19.4 29.2

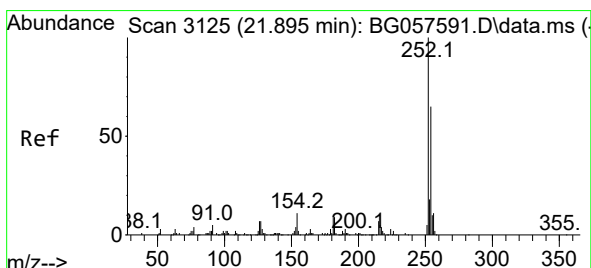
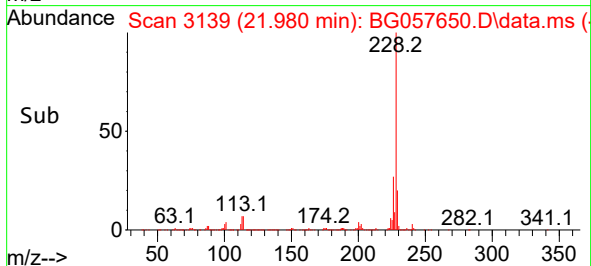
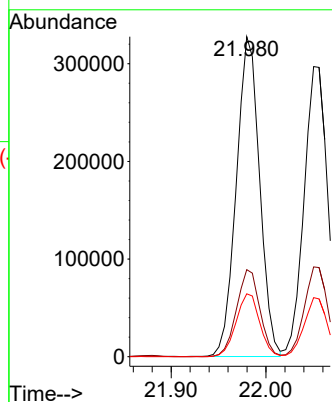
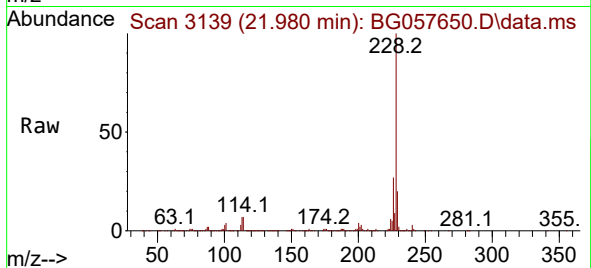




#81
Benzo(a)anthracene
Concen: 50.952 ng
RT: 21.980 min Scan# 3143
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

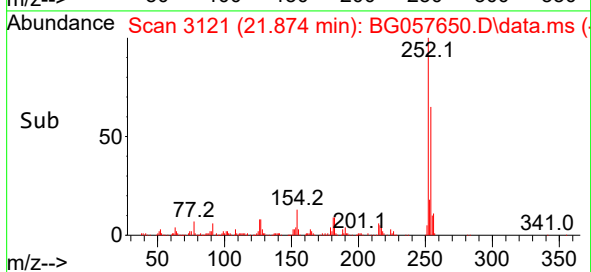
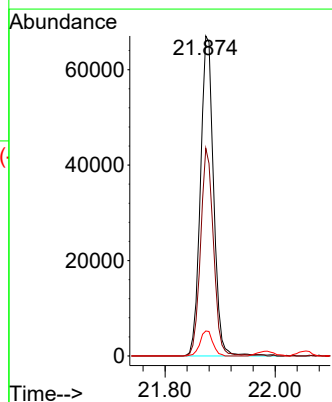
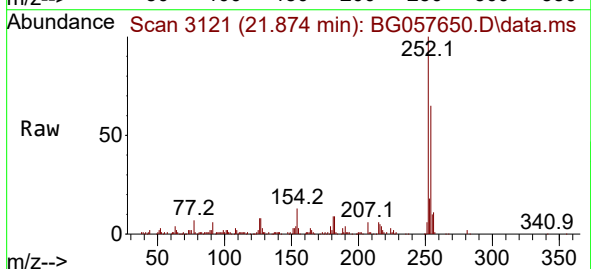
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

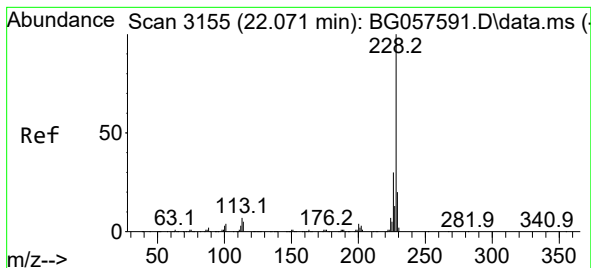
Tgt Ion:228 Resp: 559593
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.6 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 27.449 ng
RT: 21.874 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:252 Resp: 111170
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.8
126 7.8 5.4 8.2





#83

Chrysene

Concen: 49.548 ng

RT: 22.050 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

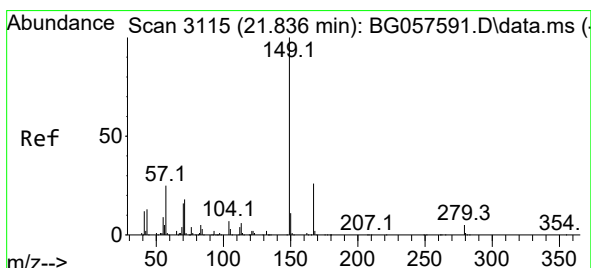
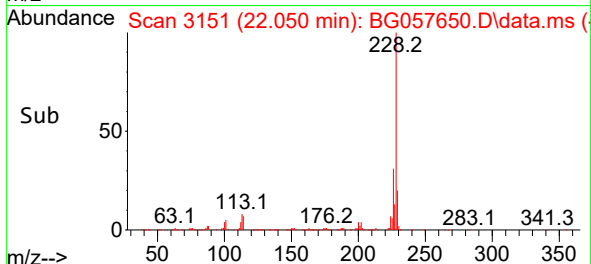
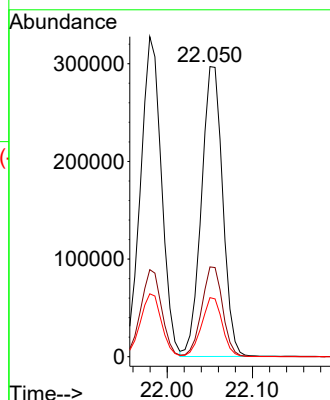
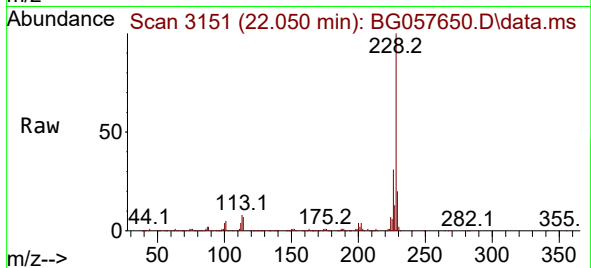
Tgt Ion:228 Resp: 514251

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.993 ng

RT: 21.821 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

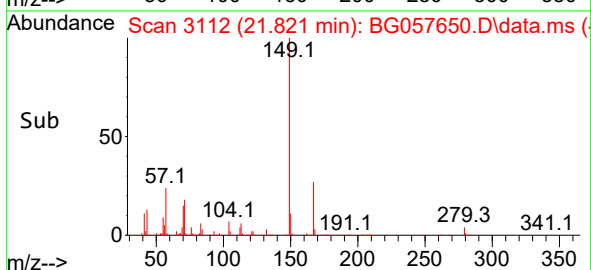
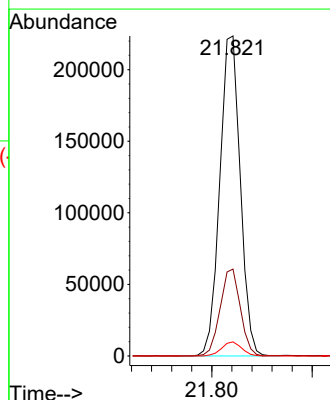
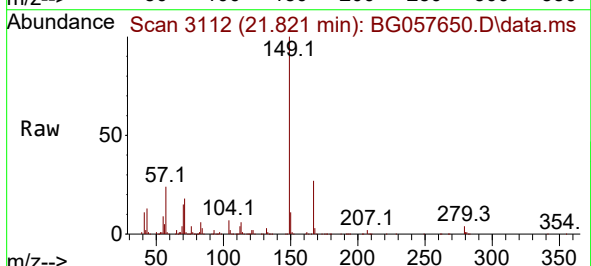
Tgt Ion:149 Resp: 316171

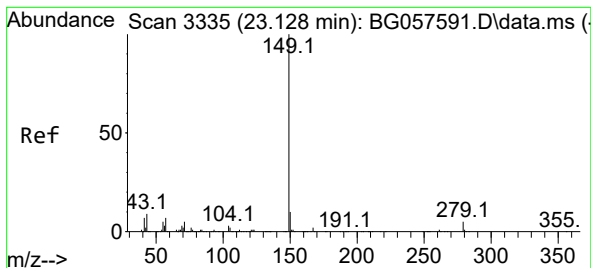
Ion Ratio Lower Upper

149 100

167 27.1 20.6 31.0

279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 54.650 ng

RT: 23.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

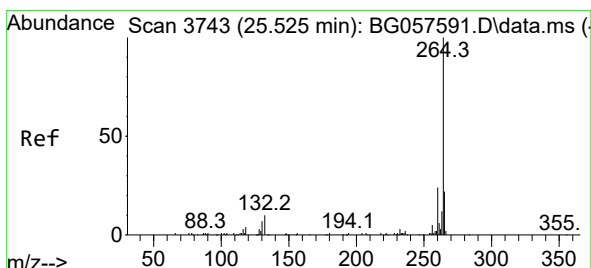
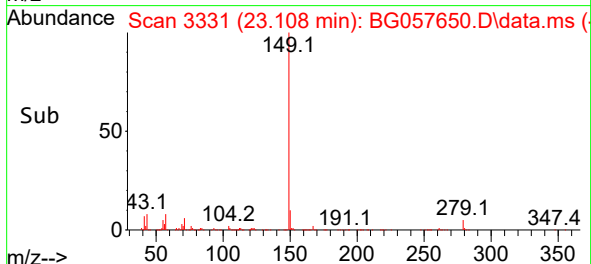
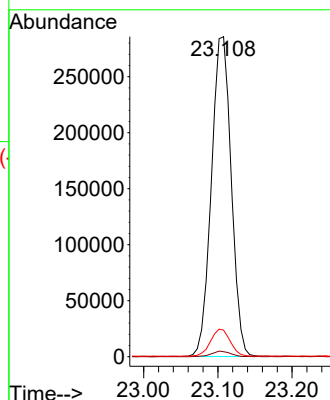
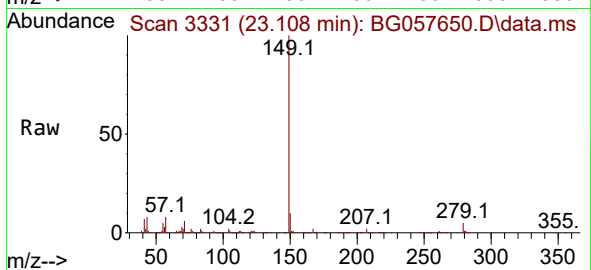
Tgt Ion:149 Resp: 530442

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.4 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.493 min Scan# 3737

Delta R.T. -0.006 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

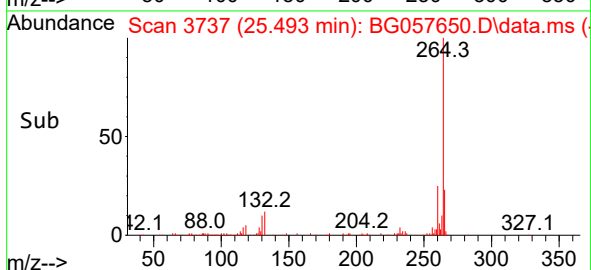
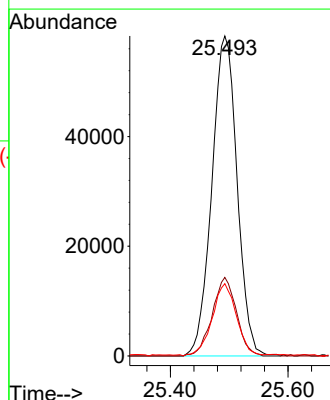
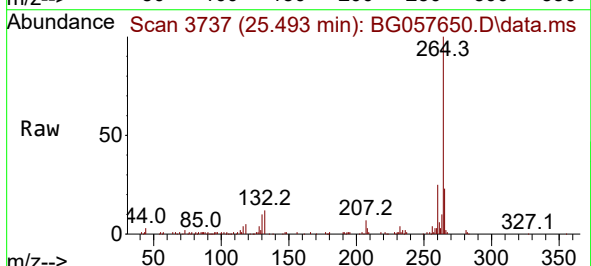
Tgt Ion:264 Resp: 173767

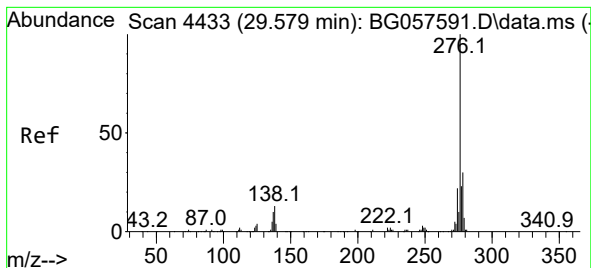
Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 22.6 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.259 ng

RT: 29.540 min Scan# 4433

Delta R.T. -0.012 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

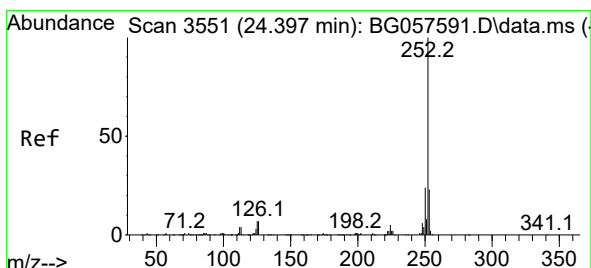
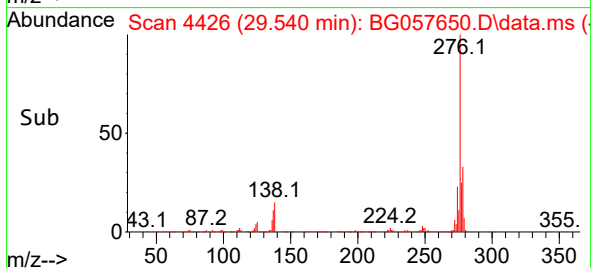
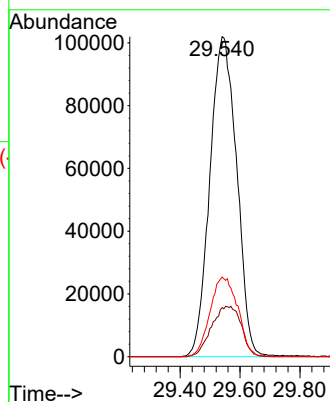
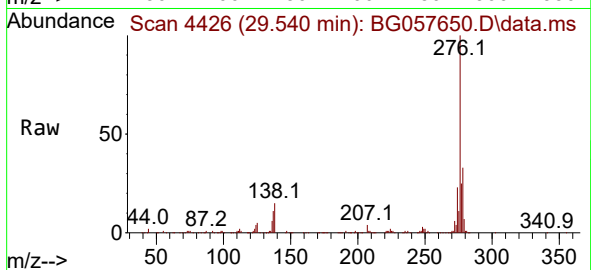
Tgt Ion:276 Resp: 633123

Ion Ratio Lower Upper

276 100

138 17.5 12.3 18.5

277 25.6 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 53.728 ng

RT: 24.376 min Scan# 3547

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

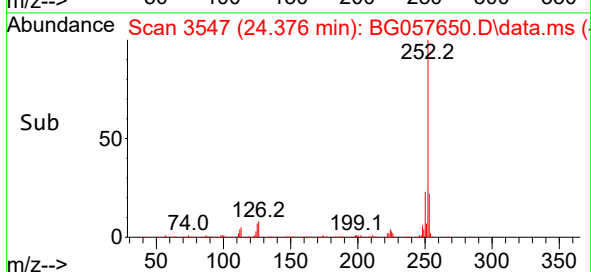
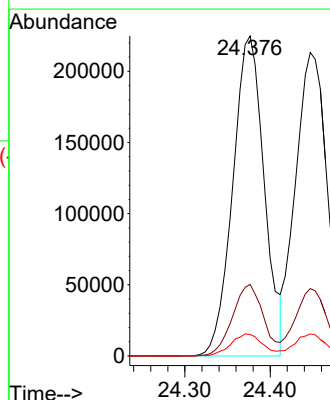
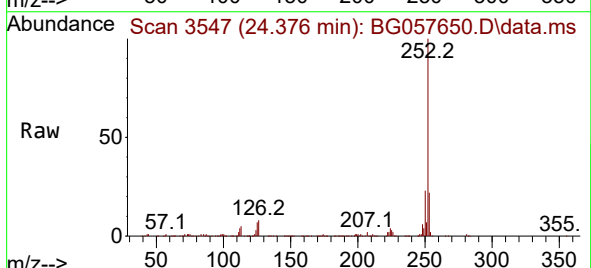
Tgt Ion:252 Resp: 574667

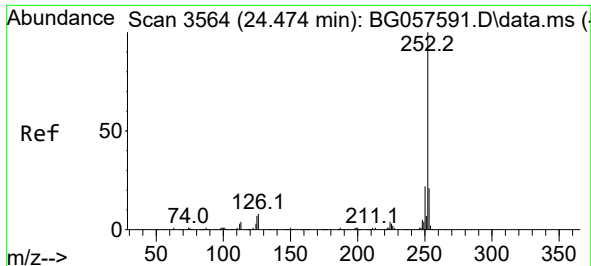
Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

125 6.7 5.2 7.8

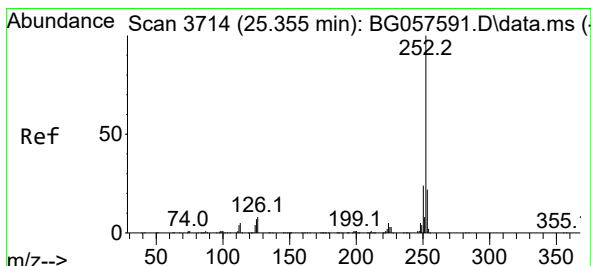
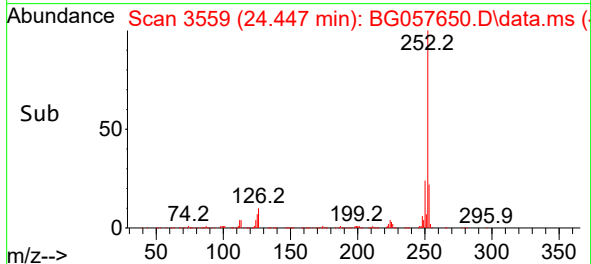
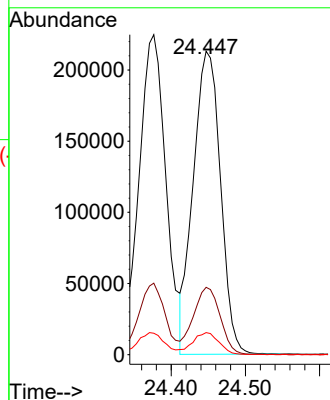
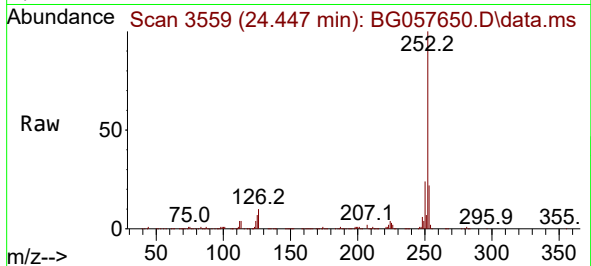




#89
Benzo(k)fluoranthene
Concen: 50.390 ng
RT: 24.447 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

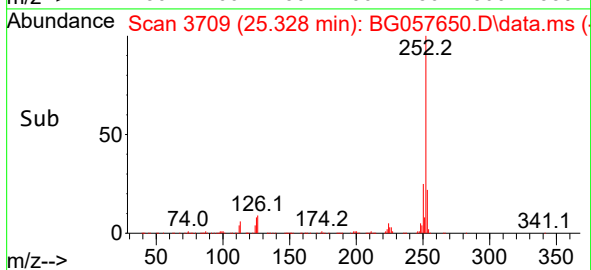
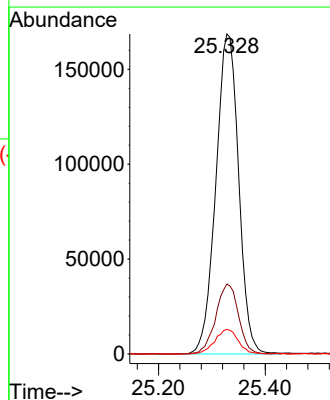
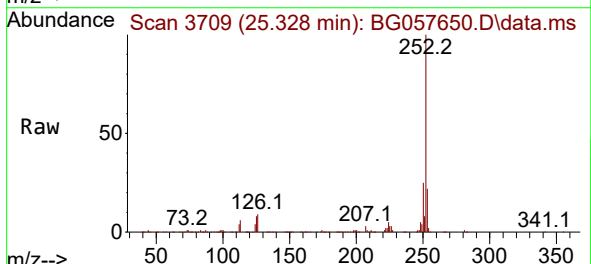
Instrument :
BNA_G
ClientSampleId :
TP16-0AMSD

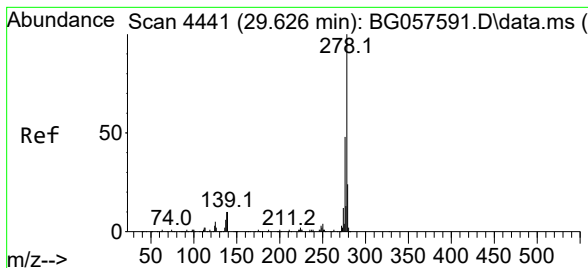
Tgt Ion:252 Resp: 543936
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 7.3 5.1 7.7



#90
Benzo(a)pyrene
Concen: 47.962 ng
RT: 25.328 min Scan# 3709
Delta R.T. -0.000 min
Lab File: BG057650.D
Acq: 6 Jun 2023 23:45

Tgt Ion:252 Resp: 500285
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 7.7 5.3 7.9





#91

Dibenzo(a,h)anthracene

Concen: 52.227 ng

RT: 29.593 min Scan# 4435

Delta R.T. -0.000 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Instrument :

BNA_G

ClientSampleId :

TP16-0AMSD

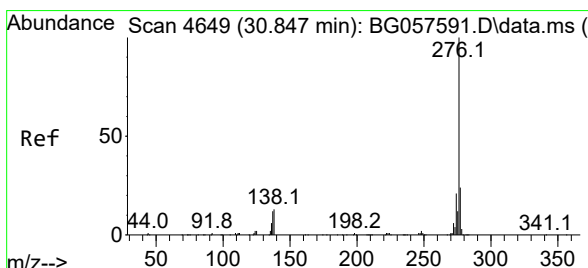
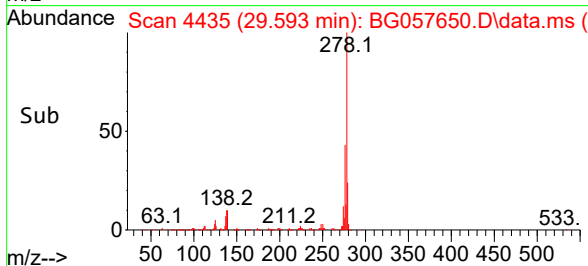
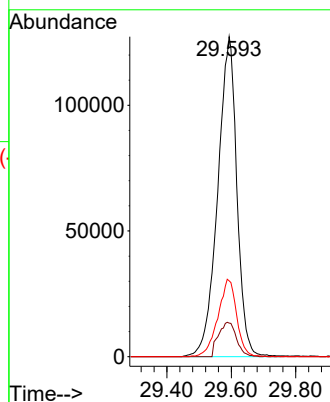
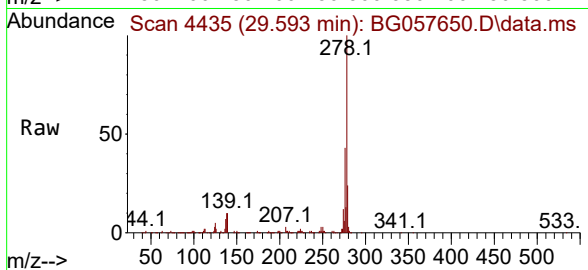
Tgt Ion:278 Resp: 526593

Ion Ratio Lower Upper

278 100

139 10.5 7.8 11.8

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 51.876 ng

RT: 30.815 min Scan# 4643

Delta R.T. 0.006 min

Lab File: BG057650.D

Acq: 6 Jun 2023 23:45

Tgt Ion:276 Resp: 510115

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 14.4 10.2 15.4

