

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
 Data File : BG060003.D
 Acq On : 13 Dec 2023 19:25
 Operator : MA/JU
 Sample : PB157585BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157585BS

Quant Time: Dec 14 03:01:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	66589	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	249471	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	207732	20.000	ng	0.00
64) Phenanthrene-d10	17.343	188	684557	20.000	ng	0.00
76) Chrysene-d12	21.614	240	875478	20.000	ng	0.00
86) Perylene-d12	24.799	264	927428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	504838	129.782	ng	0.00
7) Phenol-d6	7.114	99	679092	124.109	ng	0.00
23) Nitrobenzene-d5	9.117	82	433858	78.970	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	665661	137.501	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1304929	76.883	ng	0.00
79) Terphenyl-d14	19.963	244	3733163	77.851	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.430	88	46086	25.038	ng	95
3) Pyridine	3.818	79	110043	21.347	ng	90
4) n-Nitrosodimethylamine	3.735	42	73611	29.031	ng	# 87
6) Aniline	7.278	93	210803	37.824	ng	98
8) 2-Chlorophenol	7.519	128	156171	42.367	ng	96
9) Benzaldehyde	7.090	77	88970	26.741	ng	95
10) Phenol	7.137	94	246265	44.802	ng	97
11) bis(2-Chloroethyl)ether	7.372	93	152344	38.714	ng	99
12) 1,3-Dichlorobenzene	7.848	146	182922	37.109	ng	97
13) 1,4-Dichlorobenzene	7.989	146	185701	36.204	ng	95
14) 1,2-Dichlorobenzene	8.307	146	182540	36.989	ng	94
15) Benzyl Alcohol	8.189	79	196022	44.573	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.483	45	288111	40.915	ng	98
17) 2-Methylphenol	8.389	107	156085	42.592	ng	88
18) Hexachloroethane	9.041	117	55354	35.625	ng	99
19) n-Nitroso-di-n-propyla...	8.759	70	142778	40.445	ng	98
20) 3+4-Methylphenols	8.718	107	214035	41.813	ng	95
22) Acetophenone	8.777	105	281209	38.682	ng	# 92
24) Nitrobenzene	9.158	77	217534	39.001	ng	94
25) Isophorone	9.681	82	403302	38.355	ng	# 97
26) 2-Nitrophenol	9.869	139	88603	43.194	ng	98
27) 2,4-Dimethylphenol	9.928	122	164075	58.353	ng	92
28) bis(2-Chloroethoxy)met...	10.169	93	210140	38.707	ng	100
29) 2,4-Dichlorophenol	10.398	162	217908	43.149	ng	90
30) 1,2,4-Trichlorobenzene	10.621	180	255506	37.378	ng	96
31) Naphthalene	10.809	128	502567	38.698	ng	97
32) Benzoic acid	10.052	122	121598	47.542	ng	94
33) 4-Chloroaniline	10.915	127	132316	26.776	ng	98
34) Hexachlorobutadiene	11.097	225	222181	35.512	ng	98
35) Caprolactam	11.679	113	35747	27.865	ng	96
36) 4-Chloro-3-methylphenol	12.032	107	198674	43.257	ng	95
37) 2-Methylnaphthalene	12.419	142	396451	38.922	ng	99
38) 1-Methylnaphthalene	12.637	142	374233	37.194	ng	99
40) 1,2,4,5-Tetrachloroben...	12.784	216	436794	40.333	ng	100
41) Hexachlorocyclopentadiene	12.766	237	514935	115.082	ng	91
43) 2,4,6-Trichlorophenol	13.019	196	261463	43.059	ng	96

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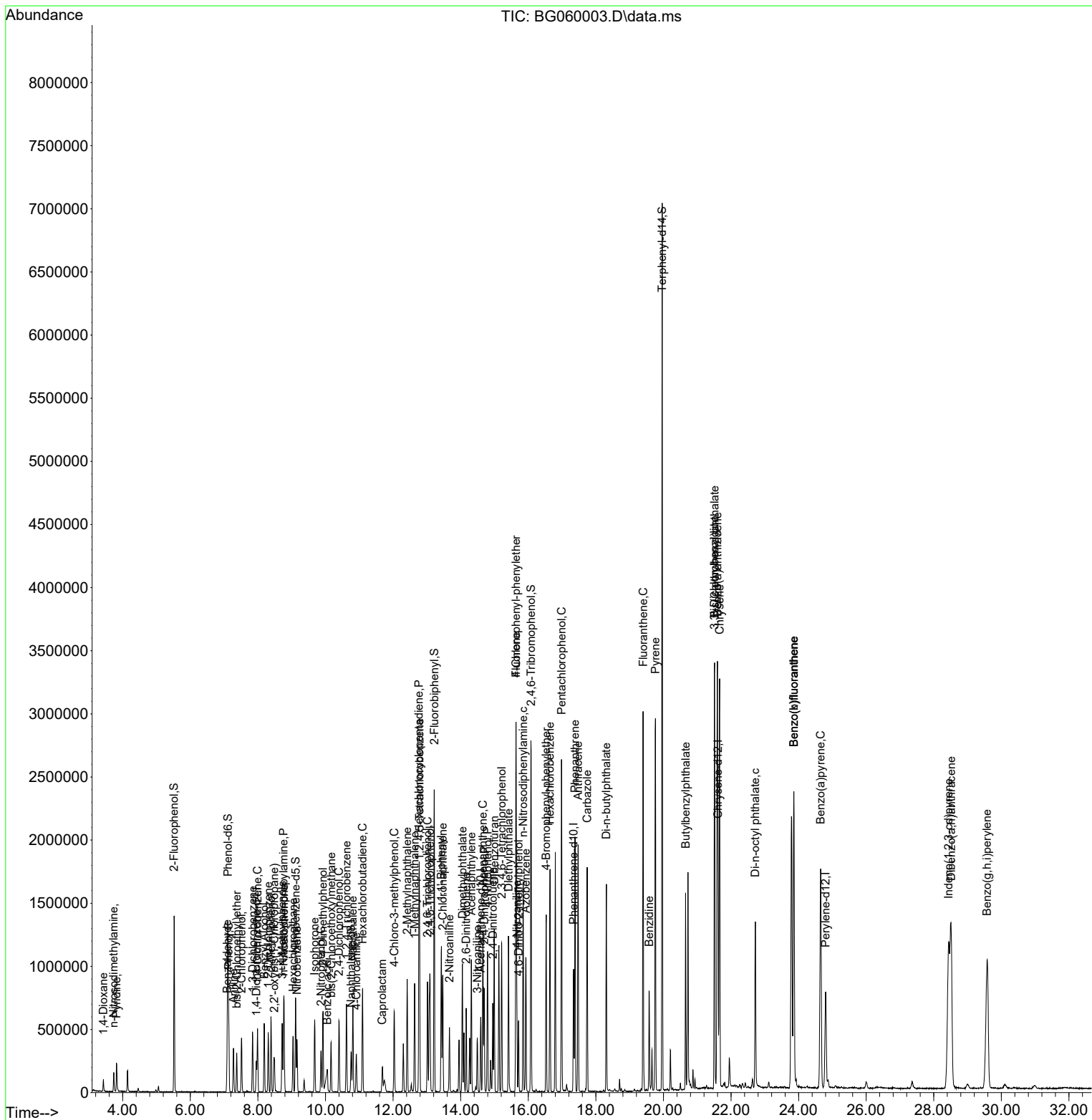
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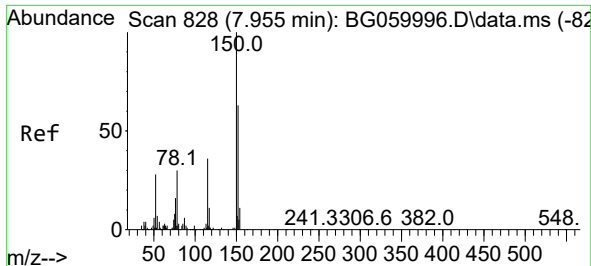
Quant Time: Dec 14 03:01:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	292651	44.310	ng	96
46) 1,1'-Biphenyl	13.430	154	620777	40.295	ng	98
47) 2-Chloronaphthalene	13.471	162	515056	38.605	ng	97
48) 2-Nitroaniline	13.671	65	143859	49.950	ng	89
49) Acenaphthylene	14.317	152	765385	41.939	ng	95
50) Dimethylphthalate	14.053	163	691738	42.900	ng	98
51) 2,6-Dinitrotoluene	14.164	165	144164	43.161	ng	97
52) Acenaphthene	14.658	154	468943	37.328	ng	97
53) 3-Nitroaniline	14.493	138	94242	35.309	ng	97
54) 2,4-Dinitrophenol	14.699	184	251718	102.286	ng	93
55) Dibenzofuran	14.993	168	862675	42.190	ng	98
56) 4-Nitrophenol	14.799	139	222524	99.199	ng	89
57) 2,4-Dinitrotoluene	14.952	165	217541	46.331	ng	97
58) Fluorene	15.639	166	733901	42.564	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.216	232	334318	48.627	ng	97
60) Diethylphthalate	15.416	149	654293	44.101	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	522633	42.087	ng	99
62) 4-Nitroaniline	15.663	138	136381	46.924	ng	91
63) Azobenzene	15.927	77	620463	42.418	ng	97
65) 4,6-Dinitro-2-methylph...	15.716	198	194720	45.367	ng	93
66) n-Nitrosodiphenylamine	15.851	169	689495	41.229	ng	99
67) 4-Bromophenyl-phenylether	16.532	248	387286	40.098	ng	99
68) Hexachlorobenzene	16.644	284	438384	38.826	ng	98
69) Atrazine	16.802	200	468070	Below Cal		97
70) Pentachlorophenol	16.985	266	610798	83.503	ng	97
71) Phenanthrene	17.384	178	1385907	41.797	ng	98
72) Anthracene	17.478	178	1409112	42.267	ng	98
73) Carbazole	17.743	167	1202016	42.429	ng	99
74) Di-n-butylphthalate	18.312	149	1119759	43.327	ng	99
75) Fluoranthene	19.399	202	2036314	42.085	ng	97
77) Benzidine	19.576	184	564634	50.211	ng	98
78) Pyrene	19.764	202	2094819	39.473	ng	98
80) Butylbenzylphthalate	20.657	149	421205	44.192	ng	97
81) Benzo(a)anthracene	21.597	228	2425169	41.239	ng	100
82) 3,3'-Dichlorobenzidine	21.509	252	826532	42.712	ng	100
83) Chrysene	21.661	228	2267021	40.690	ng	99
84) Bis(2-ethylhexyl)phtha...	21.515	149	637673	44.140	ng	98
85) Di-n-octyl phthalate	22.719	149	1122022	44.900	ng	99
87) Indeno(1,2,3-cd)pyrene	28.436	276	3001903	45.354	ng	100
88) Benzo(b)fluoranthene	23.859	252	2506310	43.757	ng	99
89) Benzo(k)fluoranthene	23.859	252	2506310	45.112	ng	100
90) Benzo(a)pyrene	24.652	252	2231964	43.983	ng	100
91) Dibenzo(a,h)anthracene	28.512	278	2559731	46.249	ng	98
92) Benzo(g,h,i)perylene	29.576	276	2463195	44.742	ng	99

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

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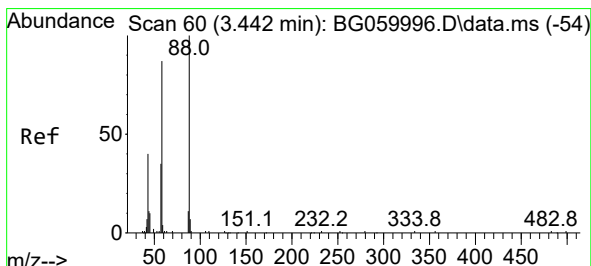
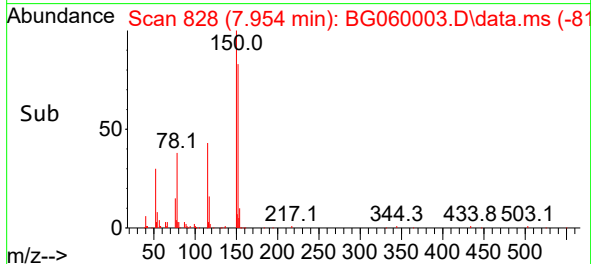
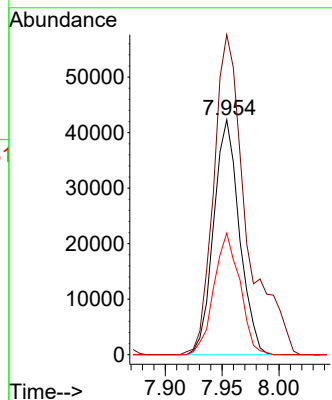
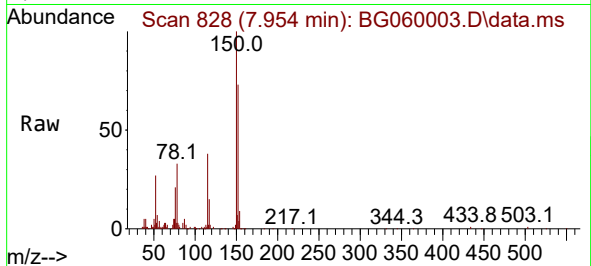




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.954 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG060003.D
 Acq: 13 Dec 2023 19:25

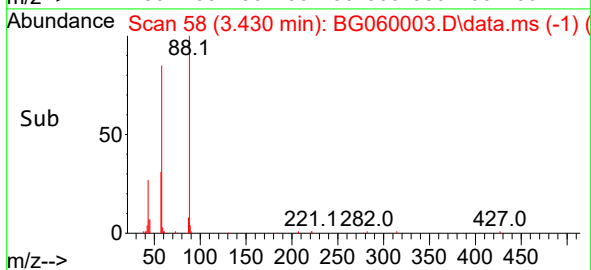
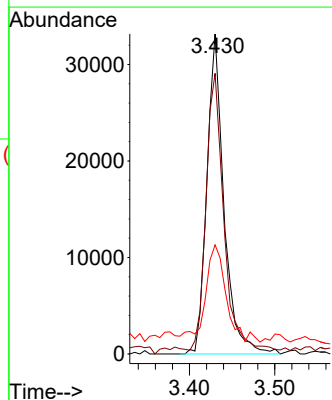
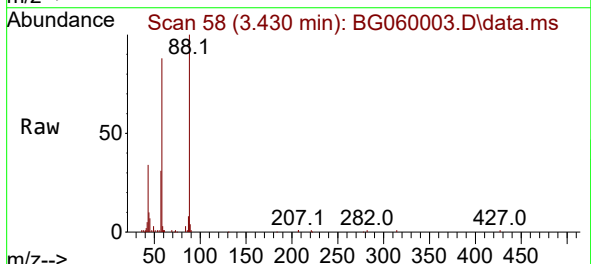
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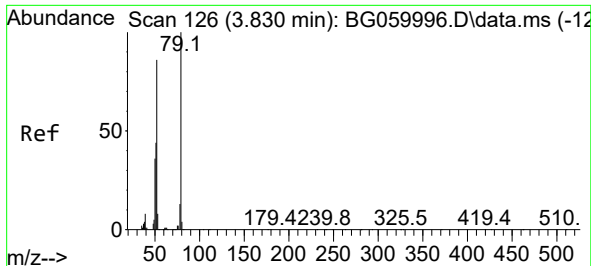
Tgt Ion:152 Resp: 66589
 Ion Ratio Lower Upper
 152 100
 150 136.2 127.0 190.6
 115 51.7 45.7 68.5



#2
 1,4-Dioxane
 Concen: 25.038 ng
 RT: 3.430 min Scan# 58
 Delta R.T. -0.013 min
 Lab File: BG060003.D
 Acq: 13 Dec 2023 19:25

Tgt Ion: 88 Resp: 46086
 Ion Ratio Lower Upper
 88 100
 58 90.7 68.5 102.7
 43 37.1 28.8 43.2

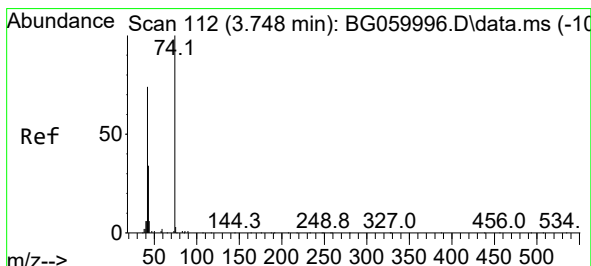
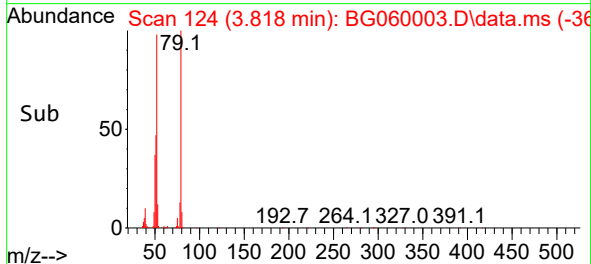
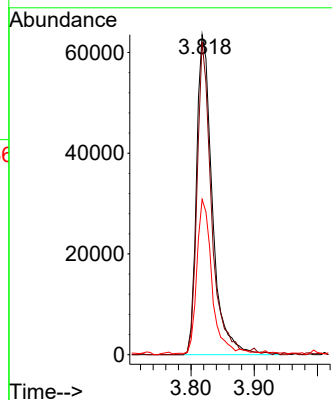
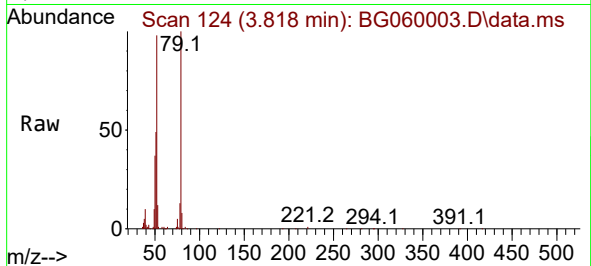




#3
Pyridine
Concen: 21.347 ng
RT: 3.818 min Scan# 110
Delta R.T. -0.013 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

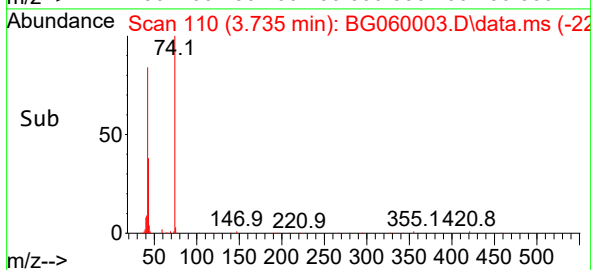
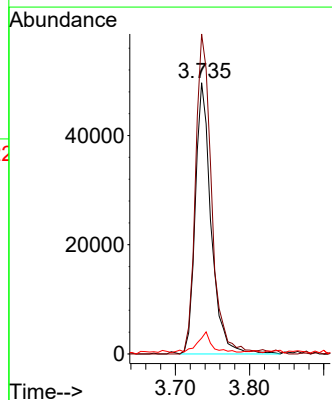
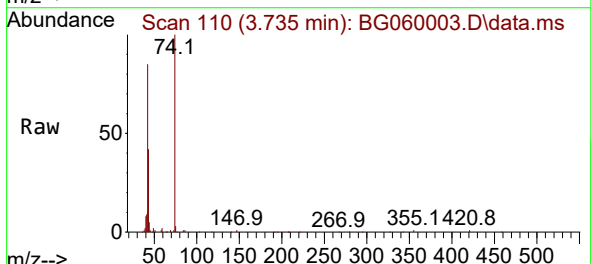
Instrument :
BNA_G
ClientSampleId :
PB157585BS

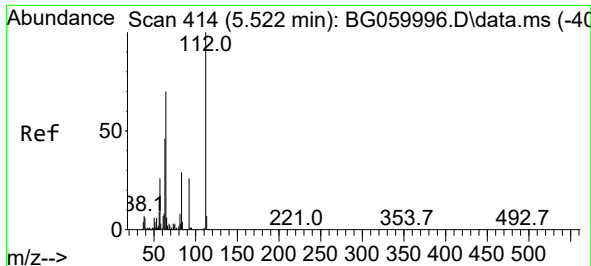
Tgt Ion: 79 Resp: 110043
Ion Ratio Lower Upper
79 100
52 97.8 68.7 103.1
51 48.5 41.1 61.7



#4
n-Nitrosodimethylamine
Concen: 29.031 ng
RT: 3.735 min Scan# 110
Delta R.T. -0.013 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion: 42 Resp: 73611
Ion Ratio Lower Upper
42 100
74 118.0 107.4 161.2
44 5.8 6.0 9.0#

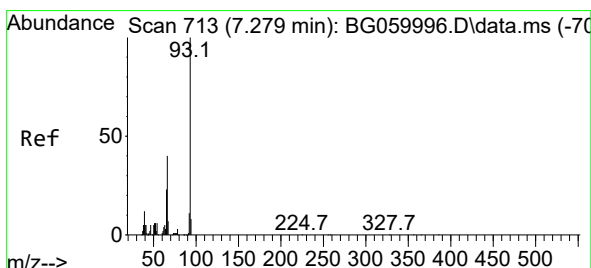
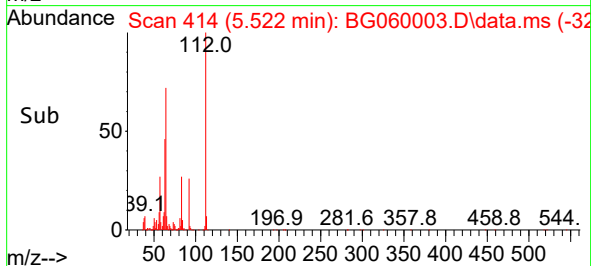
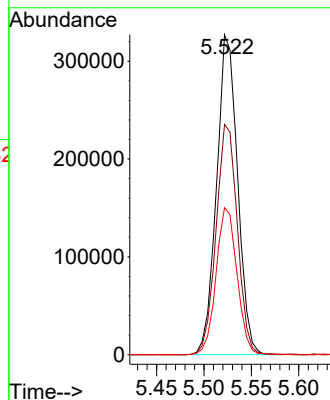
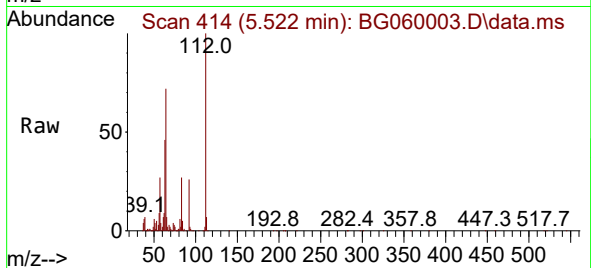




#5
2-Fluorophenol
Concen: 129.782 ng
RT: 5.522 min Scan# 414
Delta R.T. -0.000 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

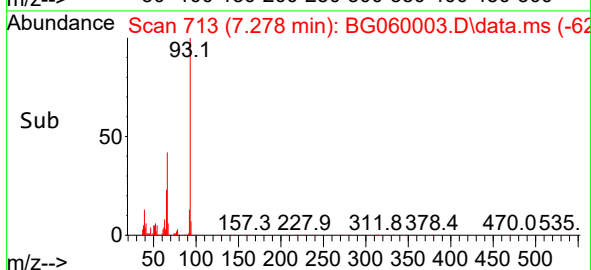
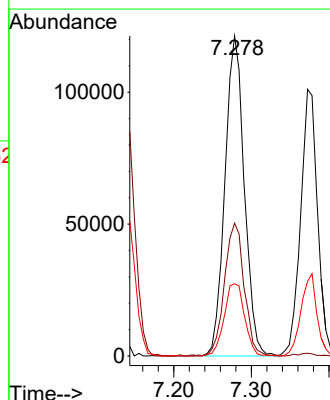
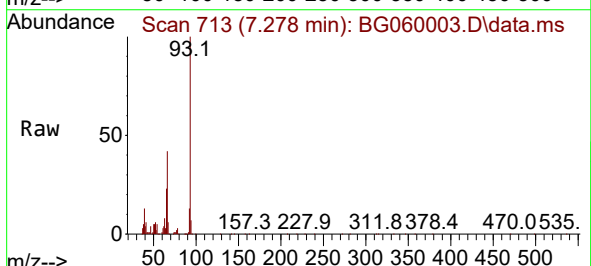
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ClientSampleId :
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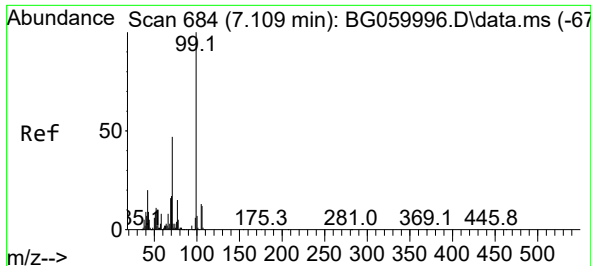
Tgt Ion:112 Resp: 504838
Ion Ratio Lower Upper
112 100
64 71.9 55.9 83.9
63 45.9 36.5 54.7



#6
Aniline
Concen: 37.824 ng
RT: 7.278 min Scan# 713
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion: 93 Resp: 210803
Ion Ratio Lower Upper
93 100
66 41.5 31.8 47.8
65 22.5 18.6 28.0

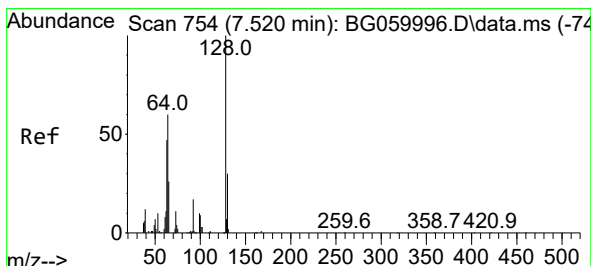
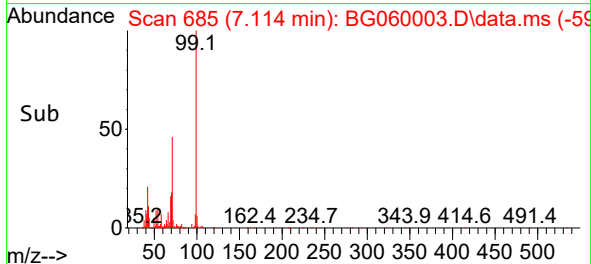
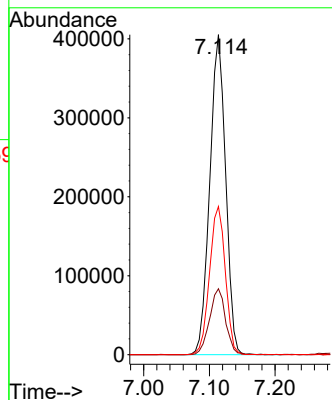
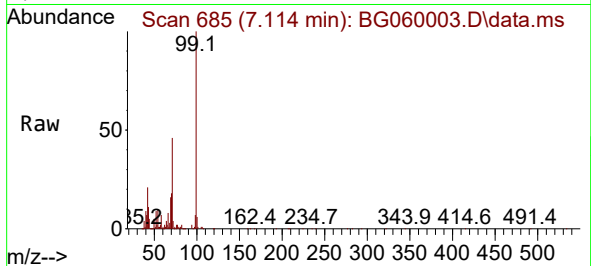




#7
Phenol-d6
Concen: 124.109 ng
RT: 7.114 min Scan# 685
Delta R.T. 0.005 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

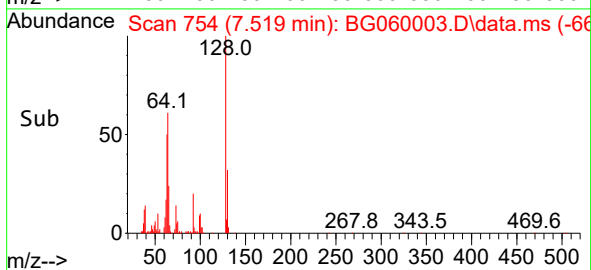
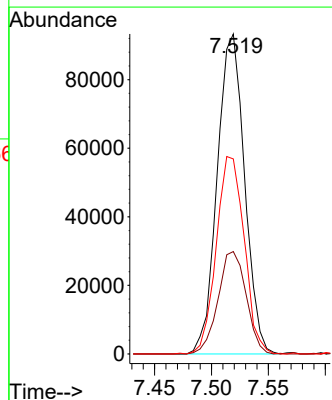
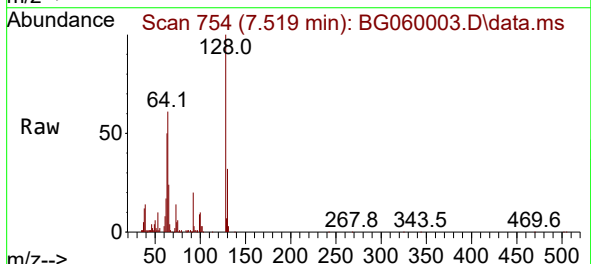
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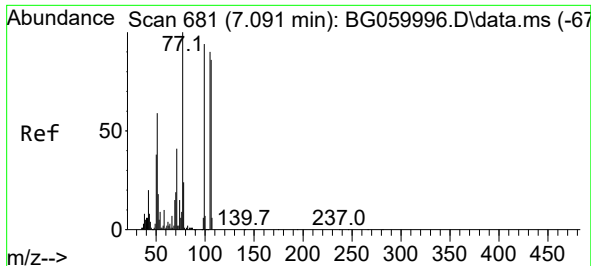
Tgt Ion: 99 Resp: 679092
Ion Ratio Lower Upper
99 100
42 20.6 16.2 24.4
71 46.3 37.6 56.4



#8
2-Chlorophenol
Concen: 42.367 ng
RT: 7.519 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion: 128 Resp: 156171
Ion Ratio Lower Upper
128 100
130 32.0 10.3 50.3
64 60.9 44.2 84.2

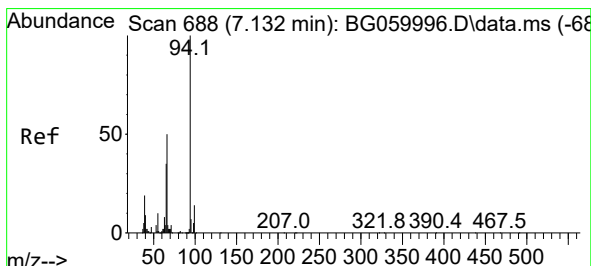
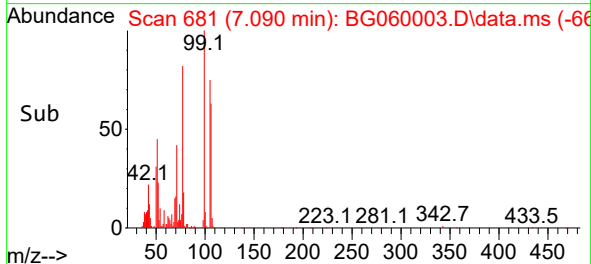
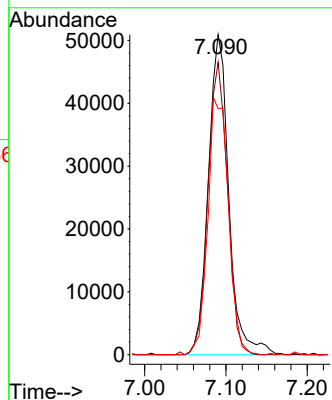
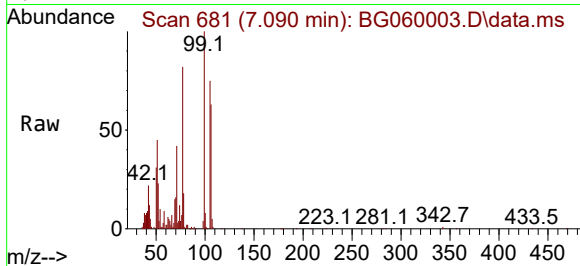




#9
Benzaldehyde
Concen: 26.741 ng
RT: 7.090 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

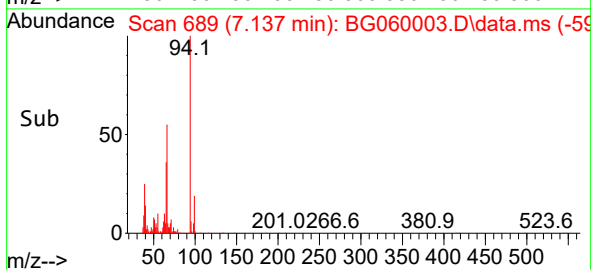
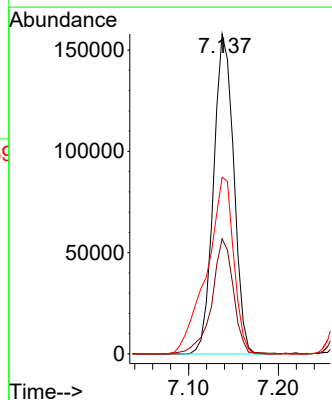
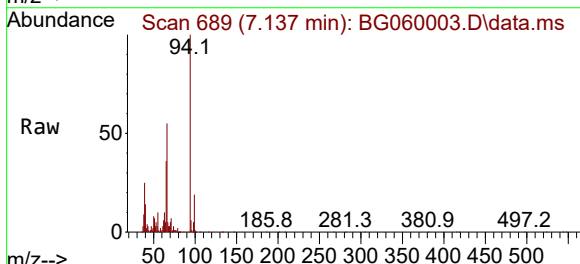
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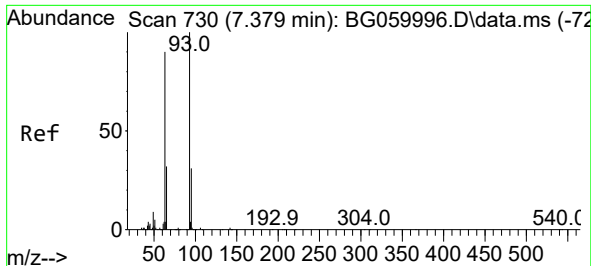
Tgt Ion: 77 Resp: 88970
Ion Ratio Lower Upper
77 100
105 91.3 70.5 110.5
106 76.9 66.0 106.0



#10
Phenol
Concen: 44.802 ng
RT: 7.137 min Scan# 689
Delta R.T. 0.005 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion: 94 Resp: 246265
Ion Ratio Lower Upper
94 100
65 36.0 15.5 55.5
66 55.2 31.6 71.6

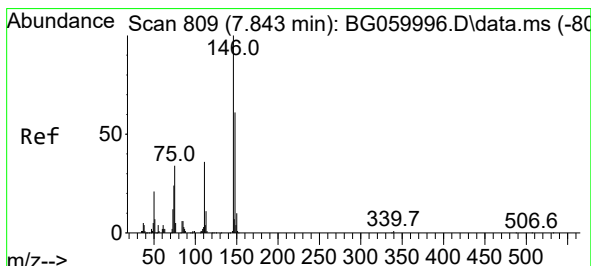
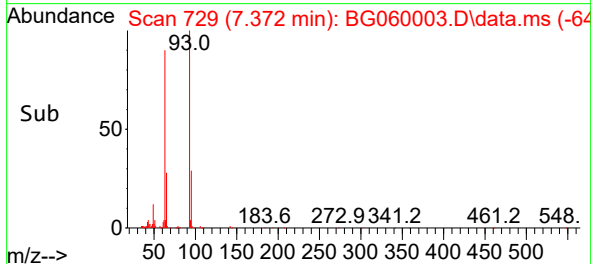
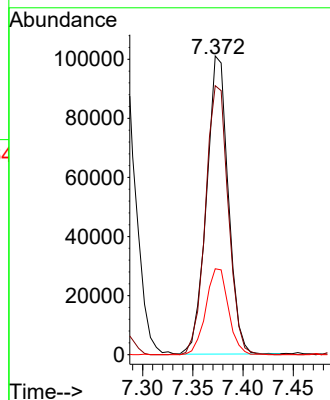
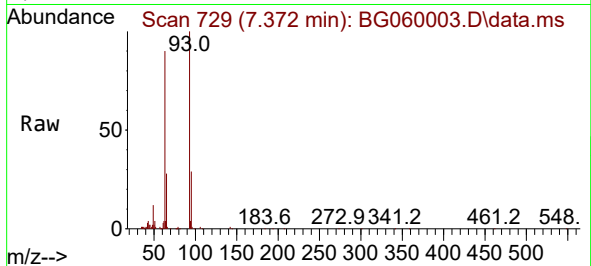




#11
bis(2-Chloroethyl)ether
Concen: 38.714 ng
RT: 7.372 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

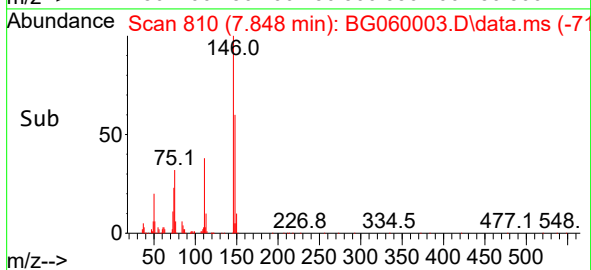
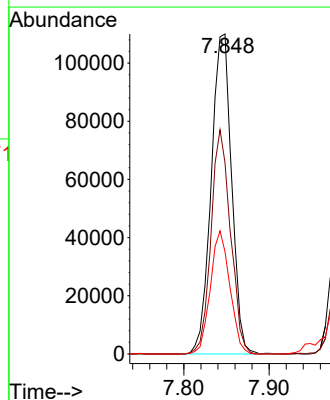
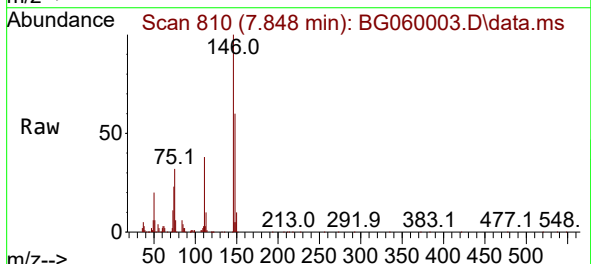
Instrument :
BNA_G
ClientSampleId :
PB157585BS

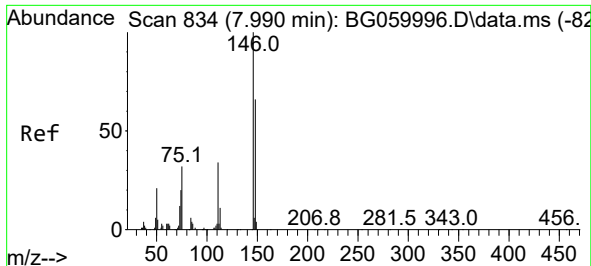
Tgt Ion: 93 Resp: 152344
Ion Ratio Lower Upper
93 100
63 90.0 69.8 109.8
95 28.8 10.7 50.7



#12
1,3-Dichlorobenzene
Concen: 37.109 ng
RT: 7.848 min Scan# 810
Delta R.T. 0.005 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:146 Resp: 182922
Ion Ratio Lower Upper
146 100
148 59.7 49.1 73.7
75 32.0 27.0 40.6

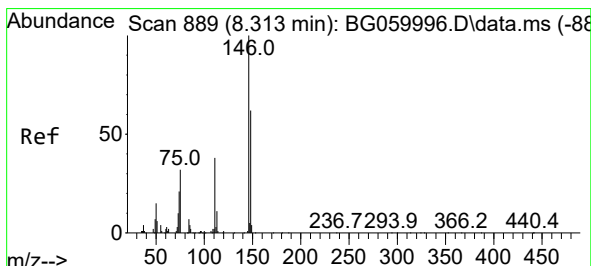
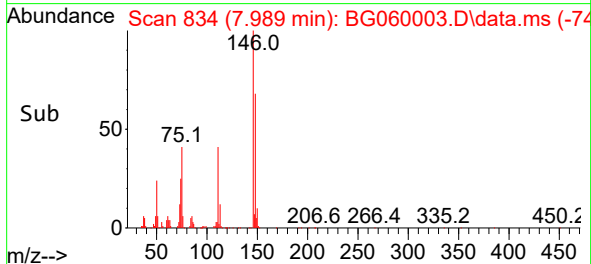
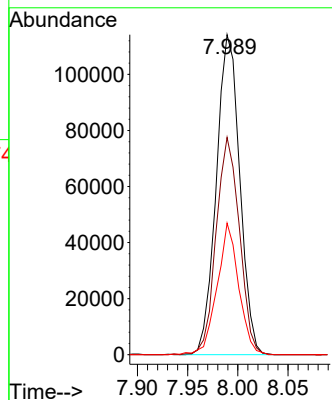
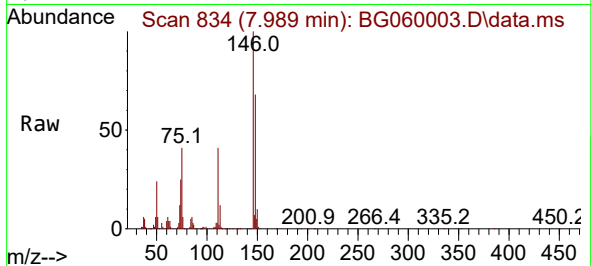




#13
1,4-Dichlorobenzene
Concen: 36.204 ng
RT: 7.989 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

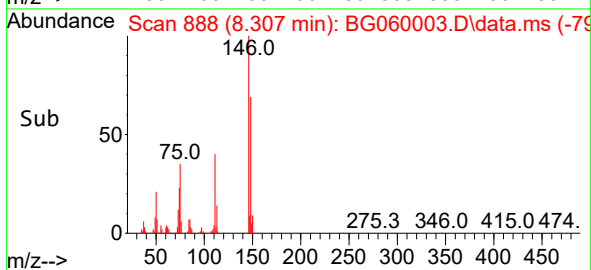
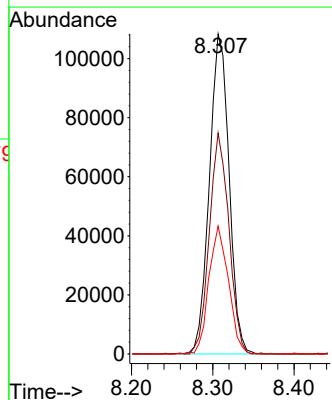
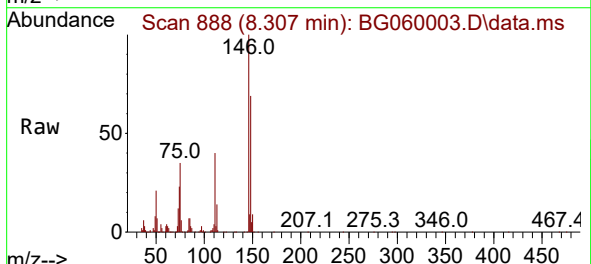
Instrument :
BNA_G
ClientSampleId :
PB157585BS

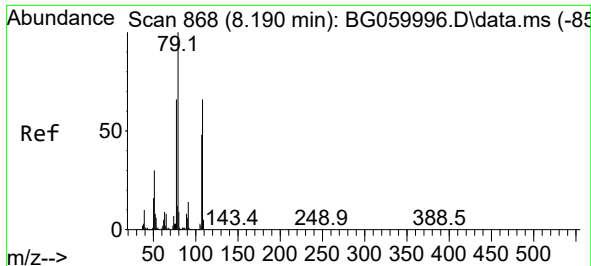
Tgt Ion:146 Resp: 185701
Ion Ratio Lower Upper
146 100
148 67.9 52.9 79.3
111 41.1 27.6 41.4



#14
1,2-Dichlorobenzene
Concen: 36.989 ng
RT: 8.307 min Scan# 888
Delta R.T. -0.007 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:146 Resp: 182540
Ion Ratio Lower Upper
146 100
148 69.0 49.7 74.5
111 39.9 30.9 46.3

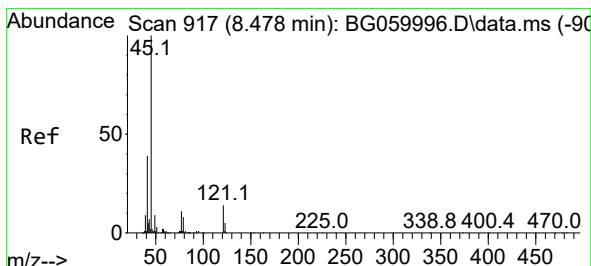
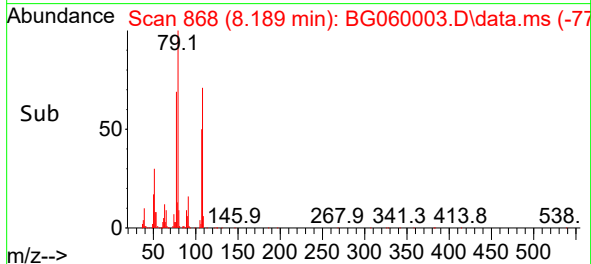
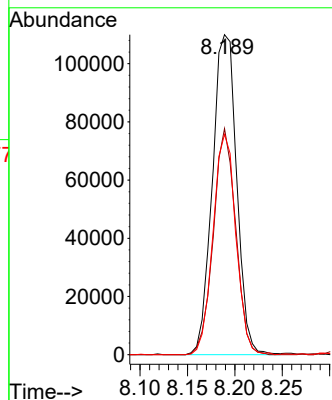
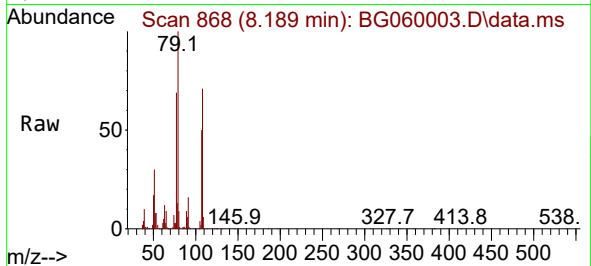




#15
Benzyl Alcohol
Concen: 44.573 ng
RT: 8.189 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

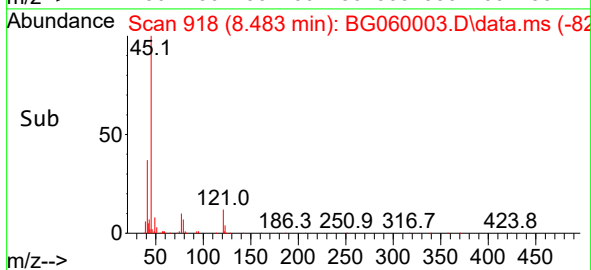
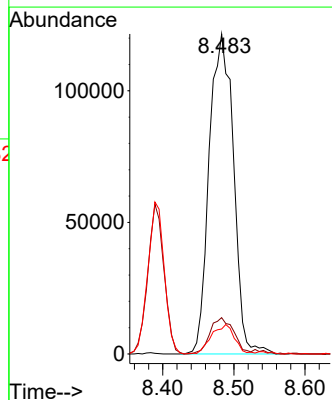
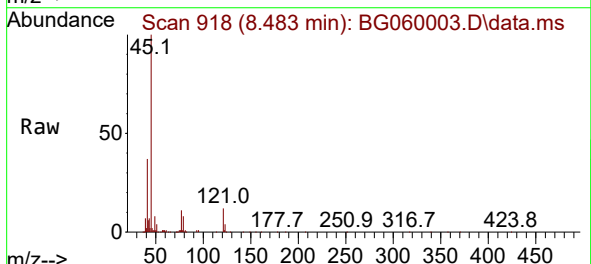
Instrument :
BNA_G
ClientSampleId :
PB157585BS

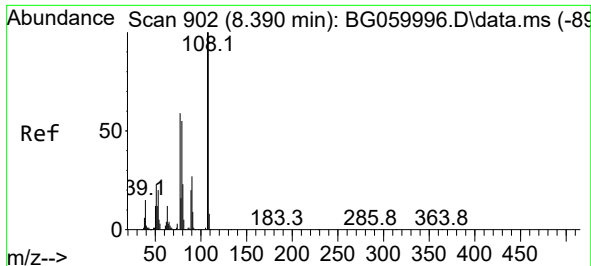
Tgt Ion: 79 Resp: 196022
Ion Ratio Lower Upper
79 100
108 70.7 53.1 79.7
77 68.9 52.8 79.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.915 ng
RT: 8.483 min Scan# 918
Delta R.T. 0.005 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion: 45 Resp: 288111
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.7
79 7.8 0.0 28.7





#17

2-Methylphenol

Concen: 42.592 ng

RT: 8.389 min Scan# 902

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

Tgt Ion:107 Resp: 156085

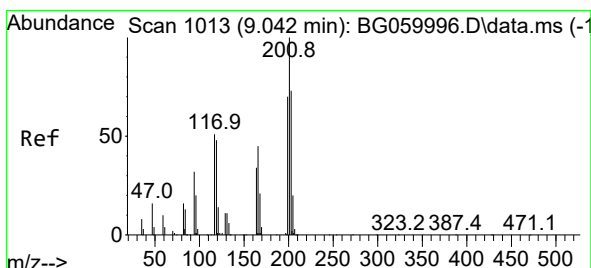
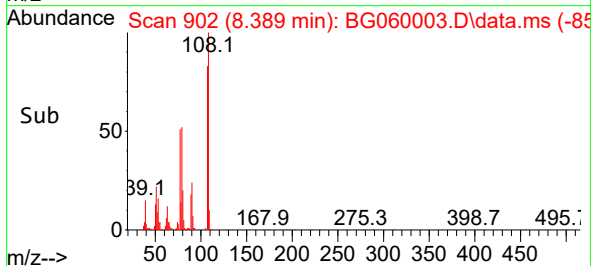
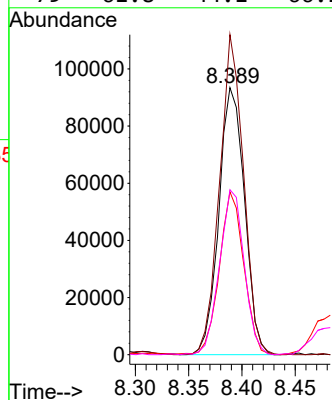
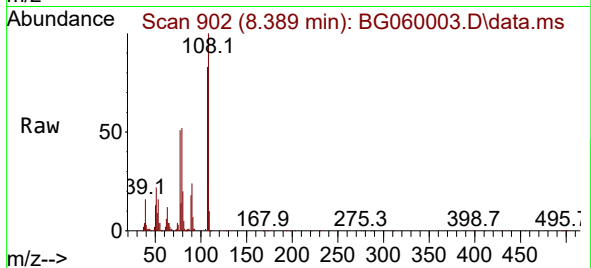
Ion Ratio Lower Upper

107 100

108 119.8 80.7 121.1

77 60.9 47.8 71.6

79 61.8 44.1 66.1



#18

Hexachloroethane

Concen: 35.625 ng

RT: 9.041 min Scan# 1013

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

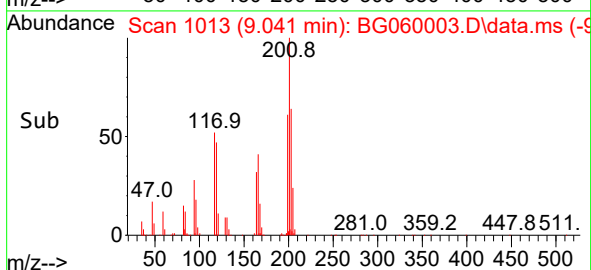
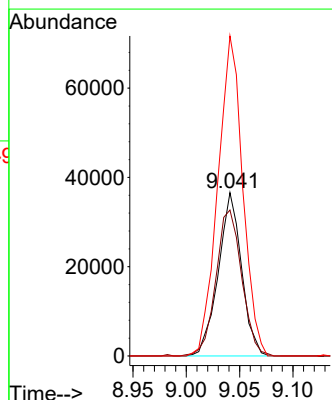
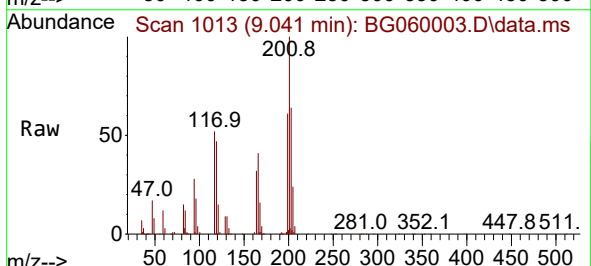
Tgt Ion:117 Resp: 55354

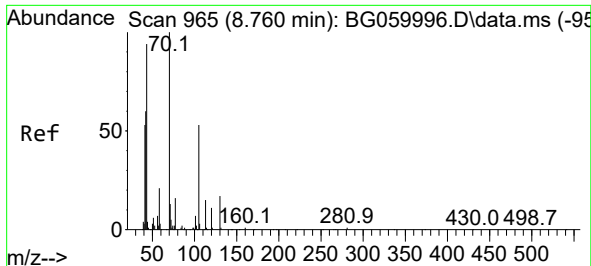
Ion Ratio Lower Upper

117 100

119 89.3 74.5 111.7

201 195.9 156.5 234.7



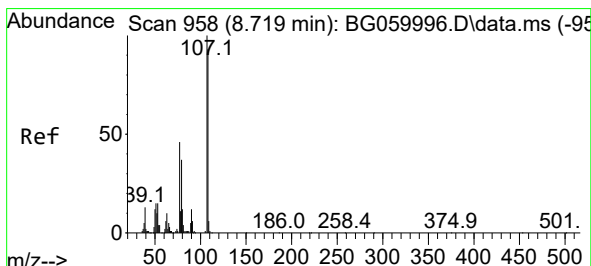
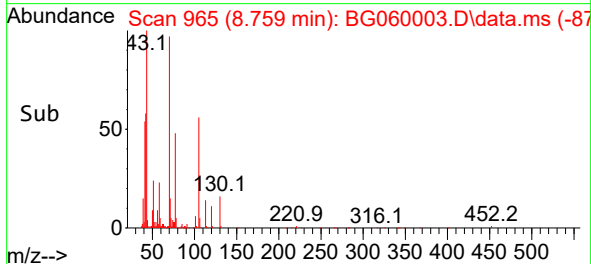
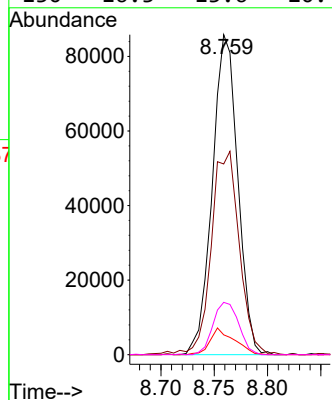
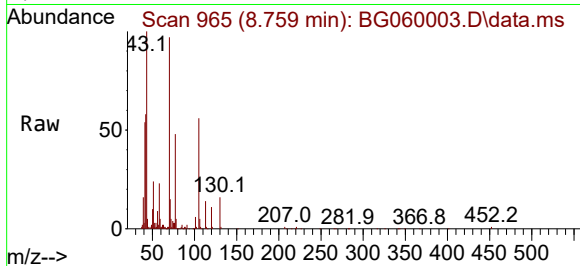


#19
n-Nitroso-di-n-propylamine
Concen: 40.445 ng
RT: 8.759 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Instrument :
BNA_G
ClientSampleId :
PB157585BS

Tgt Ion: 70 Resp: 142778

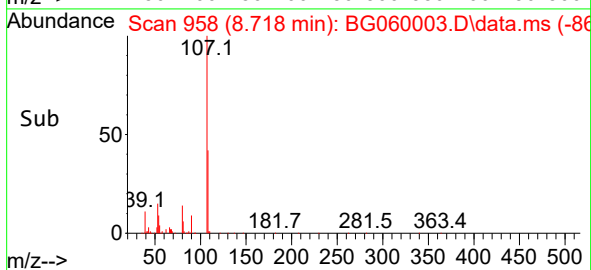
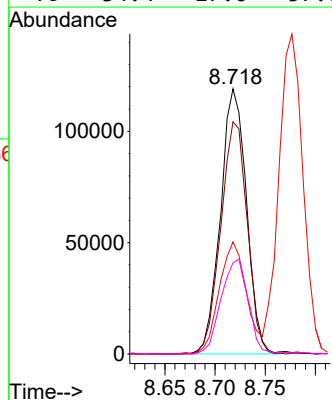
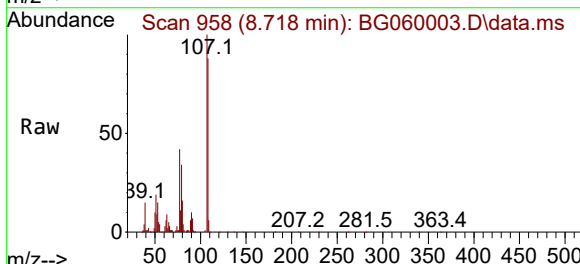
Ion	Ratio	Lower	Upper
70	100		
42	59.6	48.6	73.0
101	6.2	5.7	8.5
130	16.3	13.6	20.4

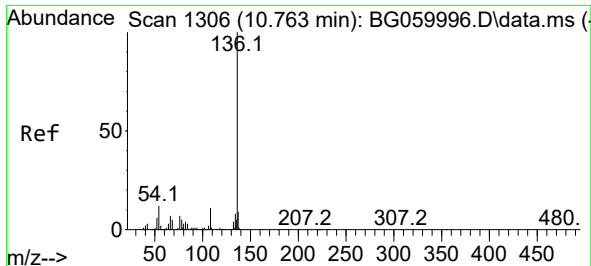


#20
3+4-Methylphenols
Concen: 41.813 ng
RT: 8.718 min Scan# 958
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion: 107 Resp: 214035

Ion	Ratio	Lower	Upper
107	100		
108	87.6	72.8	112.8
77	42.3	25.6	65.6
79	34.4	17.0	57.0

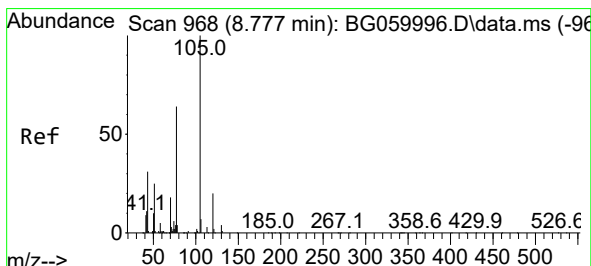
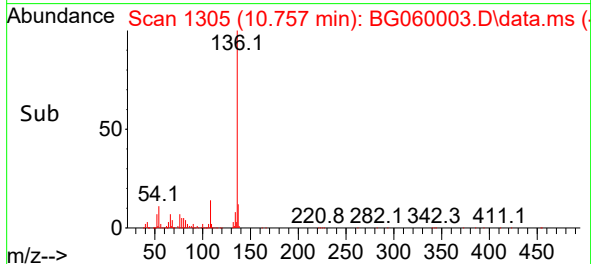
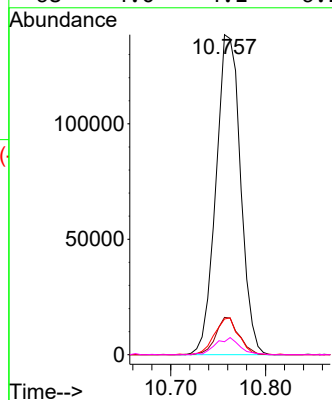
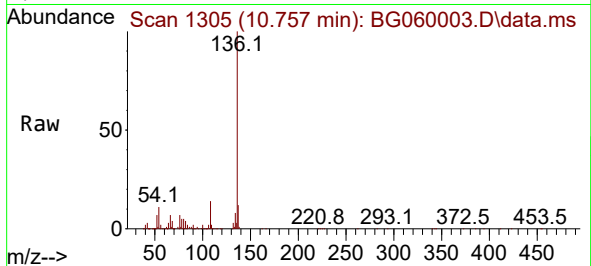




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1306
Delta R.T. -0.007 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

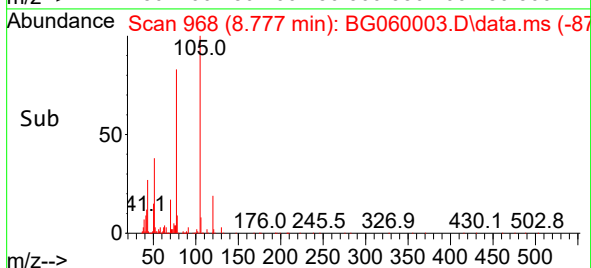
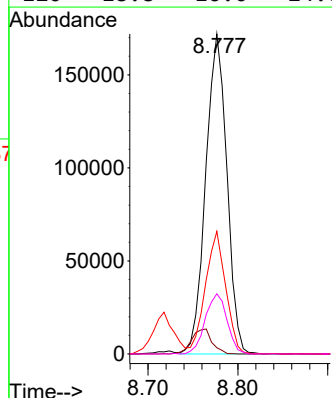
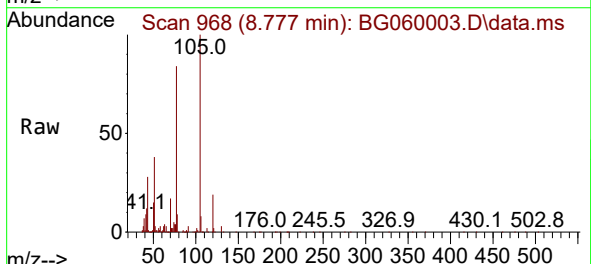
Instrument :
BNA_G
ClientSampleId :
PB157585BS

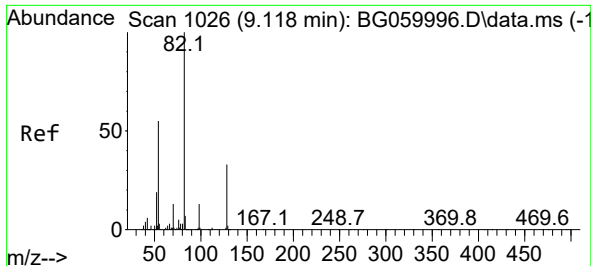
Tgt Ion:136 Resp: 249471
Ion Ratio Lower Upper
136 100
137 11.7 7.3 10.9#
54 11.2 9.6 14.4
68 4.0 4.1 6.1#



#22
Acetophenone
Concen: 38.682 ng
RT: 8.777 min Scan# 968
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:105 Resp: 281209
Ion Ratio Lower Upper
105 100
71 1.9 2.1 3.1#
51 38.3 25.4 38.0#
120 18.8 16.0 24.0

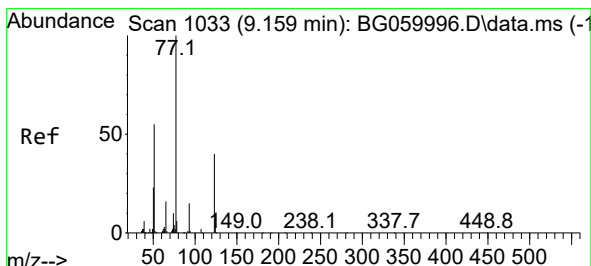
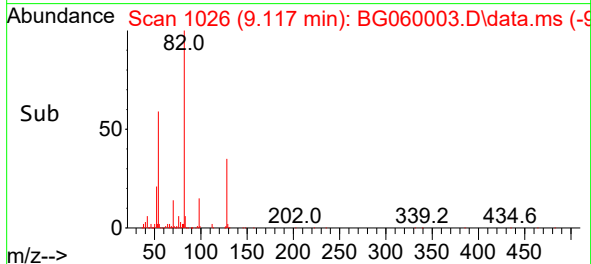
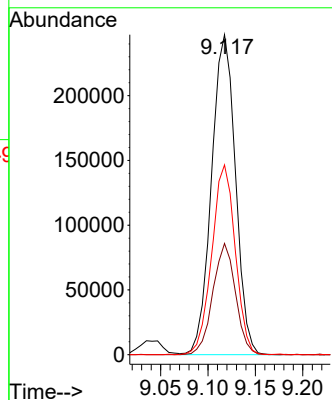
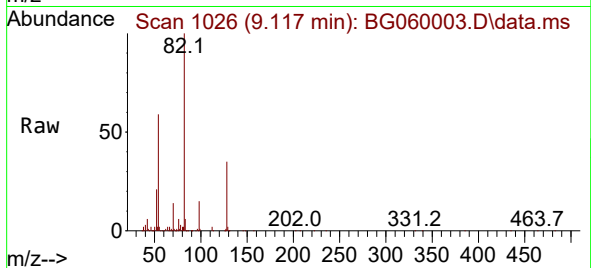




#23
Nitrobenzene-d5
Concen: 78.970 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

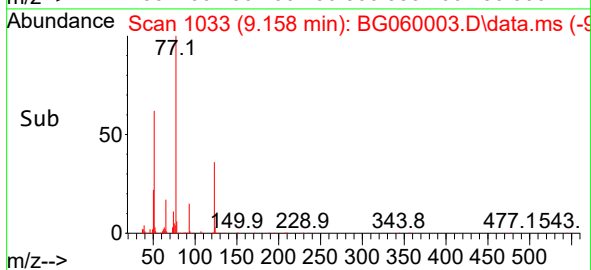
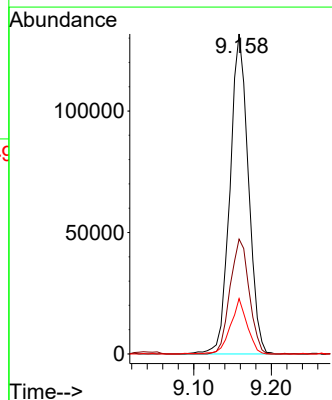
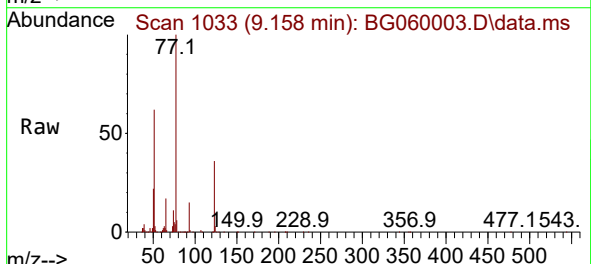
Instrument :
BNA_G
ClientSampleId :
PB157585BS

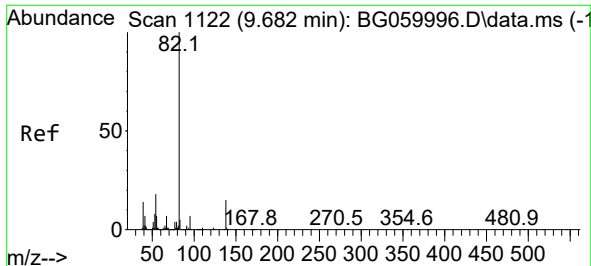
Tgt Ion: 82 Resp: 433858
Ion Ratio Lower Upper
82 100
128 34.8 26.3 39.5
54 59.3 44.3 66.5



#24
Nitrobenzene
Concen: 39.001 ng
RT: 9.158 min Scan# 1033
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion: 77 Resp: 217534
Ion Ratio Lower Upper
77 100
123 35.9 32.1 48.1
65 17.3 13.0 19.4

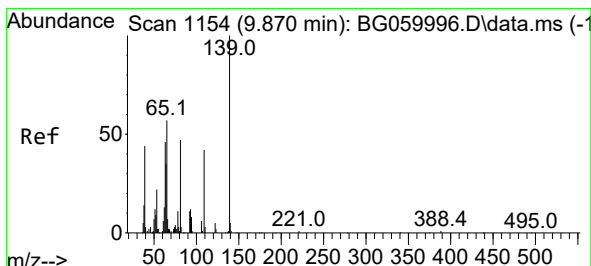
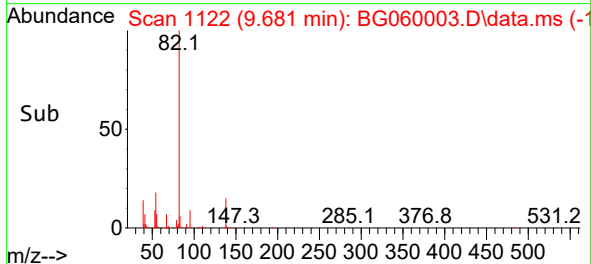
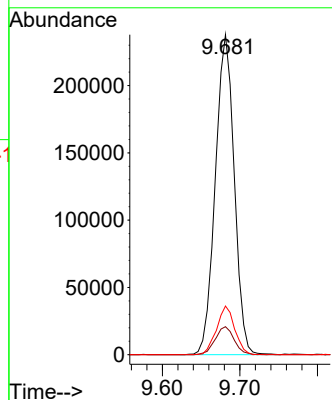
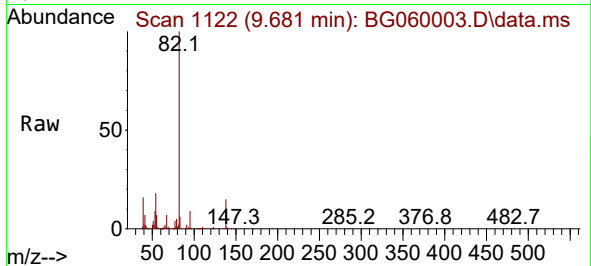




#25
Isophorone
Concen: 38.355 ng
RT: 9.681 min Scan# 1122
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

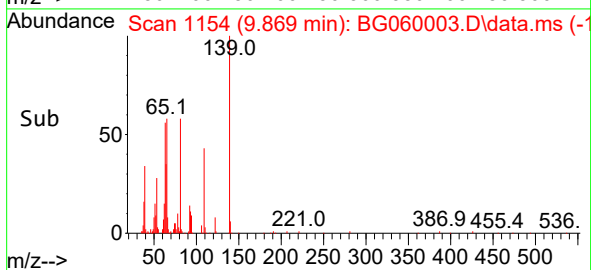
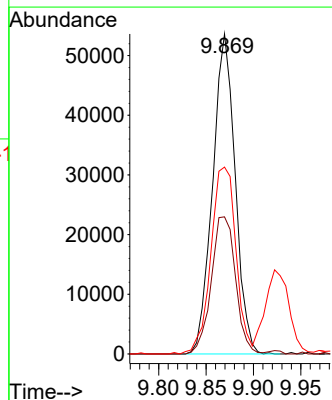
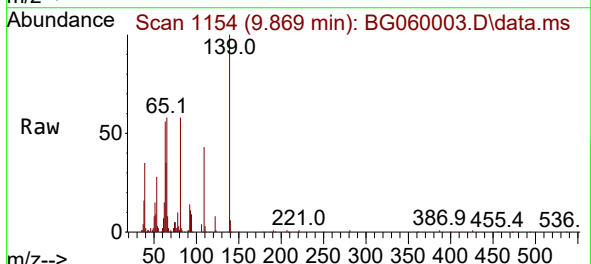
Instrument :
BNA_G
ClientSampleId :
PB157585BS

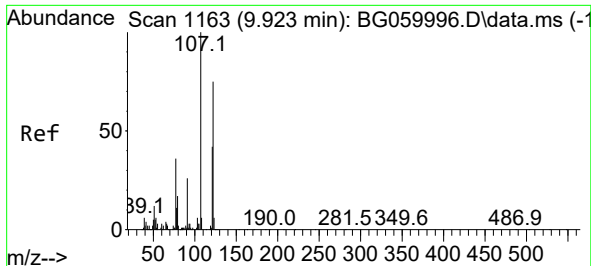
Tgt Ion: 82 Resp: 403302
Ion Ratio Lower Upper
82 100
95 8.8 5.8 8.8#
138 15.2 11.6 17.4



#26
2-Nitrophenol
Concen: 43.194 ng
RT: 9.869 min Scan# 1154
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:139 Resp: 88603
Ion Ratio Lower Upper
139 100
109 42.9 33.8 50.6
65 58.4 45.2 67.8





#27

2,4-Dimethylphenol

Concen: 58.353 ng

RT: 9.928 min Scan# 1164

Delta R.T. 0.005 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

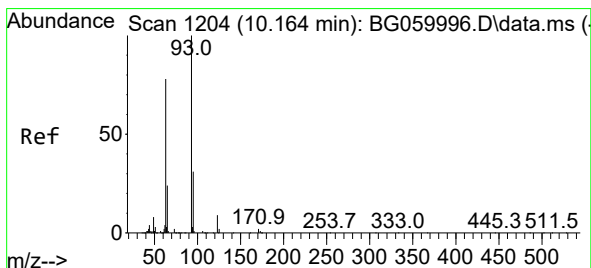
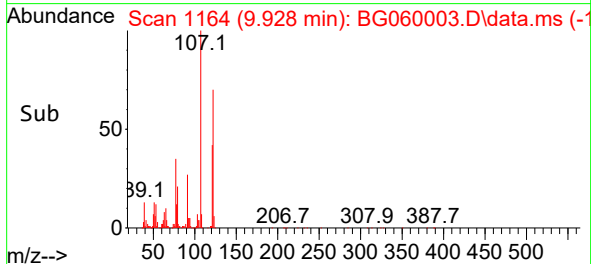
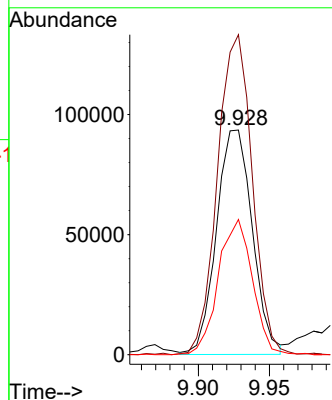
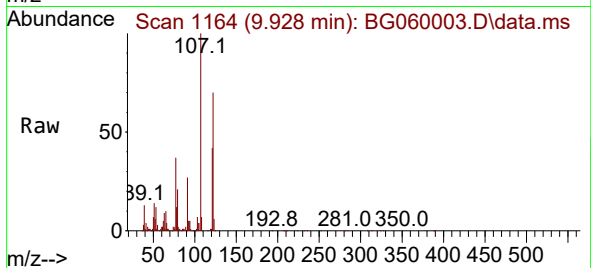
Tgt Ion:122 Resp: 164075

Ion Ratio Lower Upper

122 100

107 142.4 105.9 158.9

121 60.2 44.5 66.7



#28

bis(2-Chloroethoxy)methane

Concen: 38.707 ng

RT: 10.169 min Scan# 1205

Delta R.T. 0.005 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

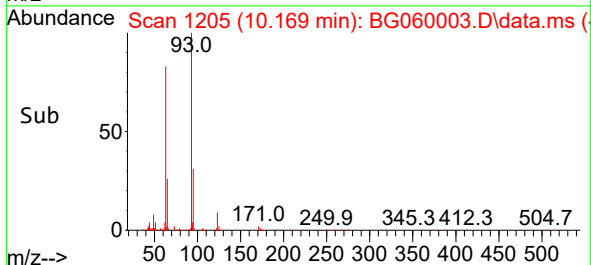
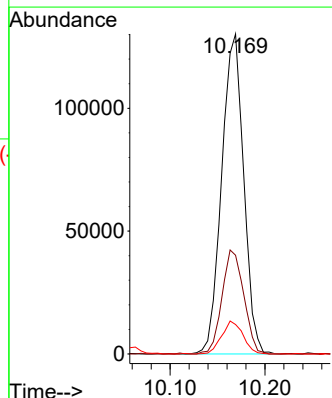
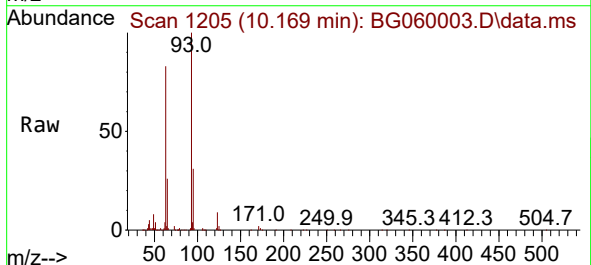
Tgt Ion: 93 Resp: 210140

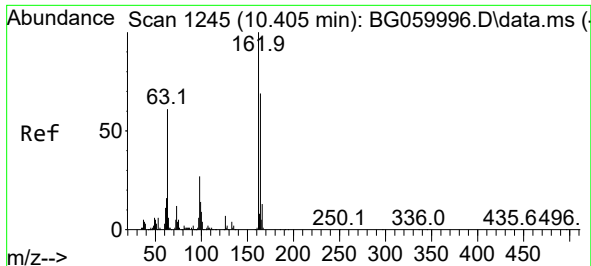
Ion Ratio Lower Upper

93 100

95 30.8 24.7 37.1

123 9.2 7.5 11.3





#29

2,4-Dichlorophenol

Concen: 43.149 ng

RT: 10.398 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

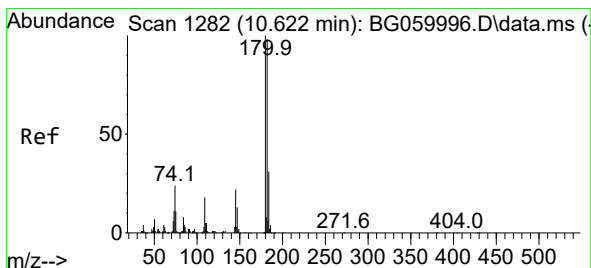
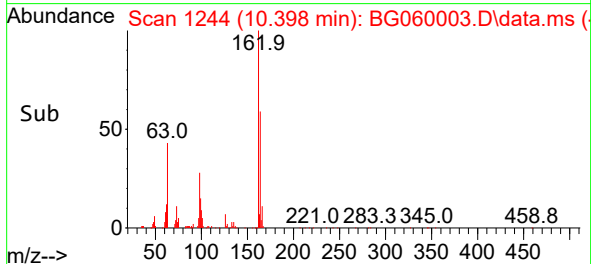
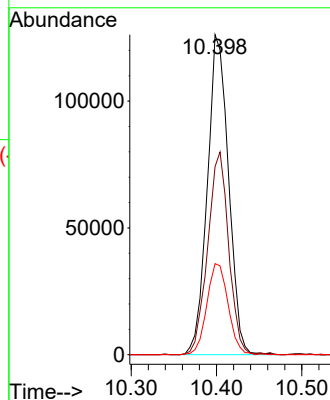
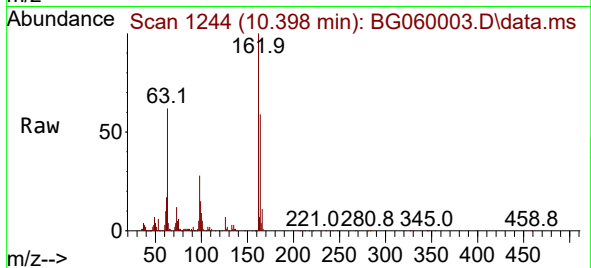
Tgt Ion:162 Resp: 217908

Ion Ratio Lower Upper

162 100

164 58.8 48.8 88.8

98 28.5 7.2 47.2



#30

1,2,4-Trichlorobenzene

Concen: 37.378 ng

RT: 10.621 min Scan# 1282

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

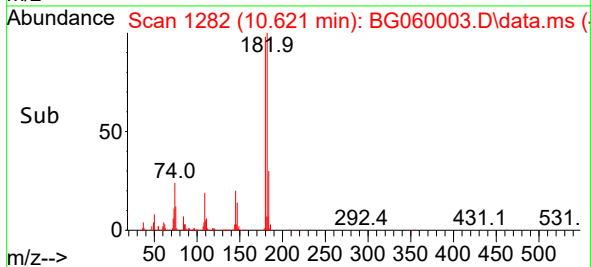
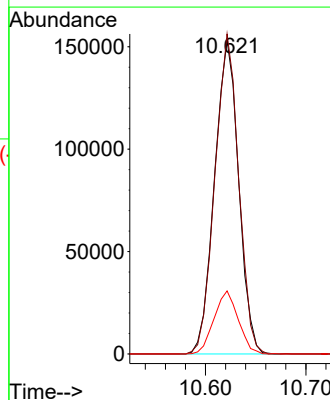
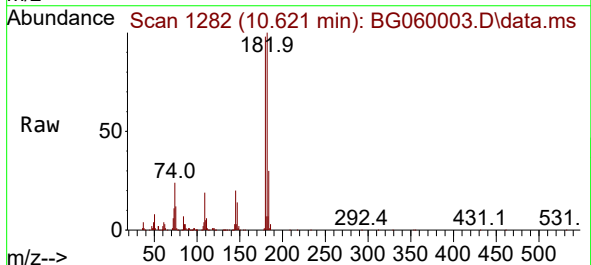
Tgt Ion:180 Resp: 255506

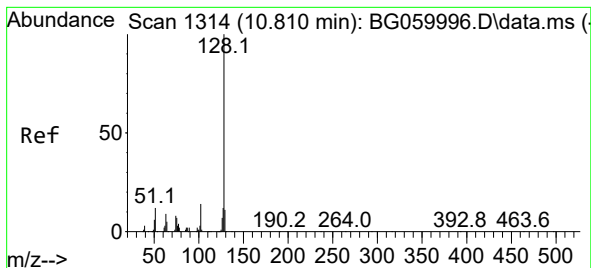
Ion Ratio Lower Upper

180 100

182 102.0 78.2 117.4

145 20.1 17.2 25.8





#31

Naphthalene

Concen: 38.698 ng

RT: 10.809 min Scan# 1184

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

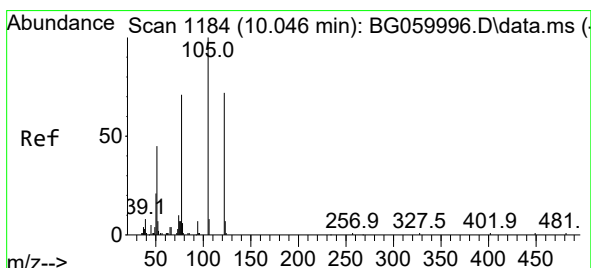
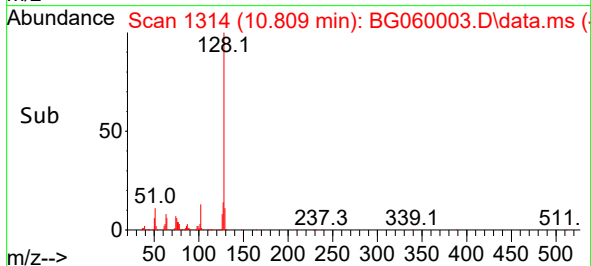
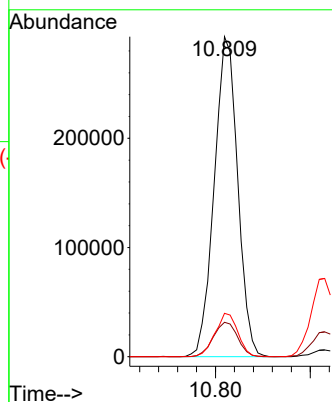
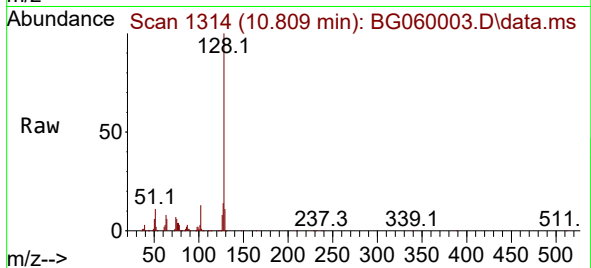
Tgt Ion:128 Resp: 502567

Ion Ratio Lower Upper

128 100

129 10.8 9.2 13.8

127 13.5 9.7 14.5



#32

Benzoic acid

Concen: 47.542 ng

RT: 10.052 min Scan# 1185

Delta R.T. 0.005 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

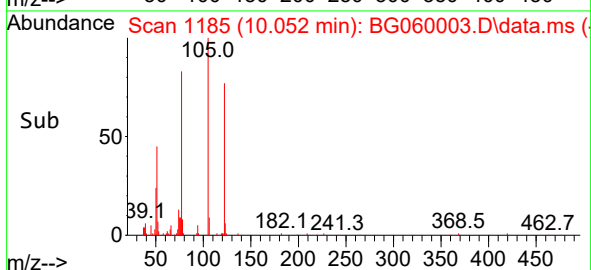
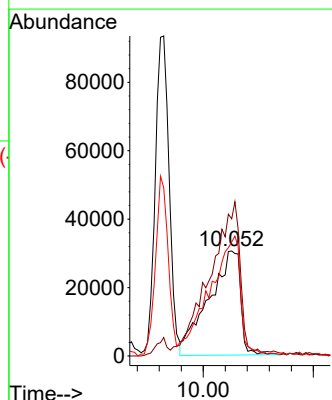
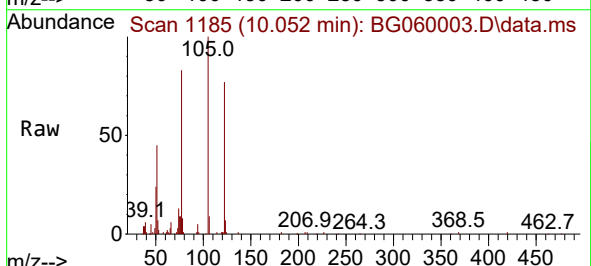
Tgt Ion:122 Resp: 121598

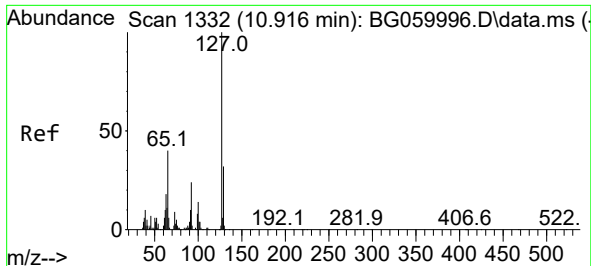
Ion Ratio Lower Upper

122 100

105 130.6 106.2 146.2

77 108.7 80.4 120.4

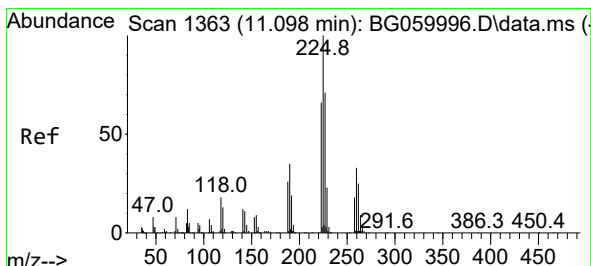
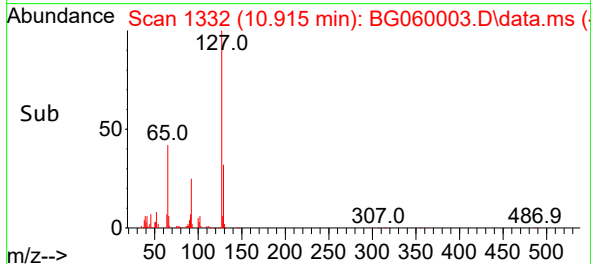
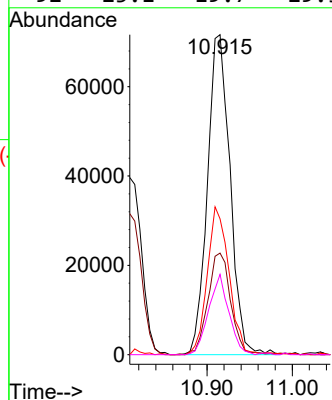
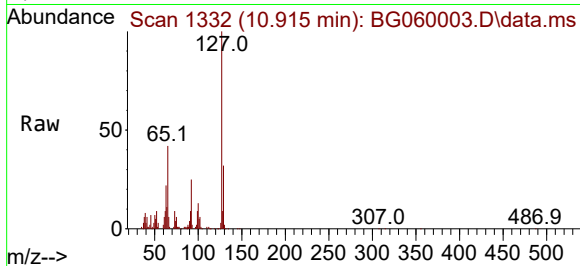




#33
4-Chloroaniline
Concen: 26.776 ng
RT: 10.915 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

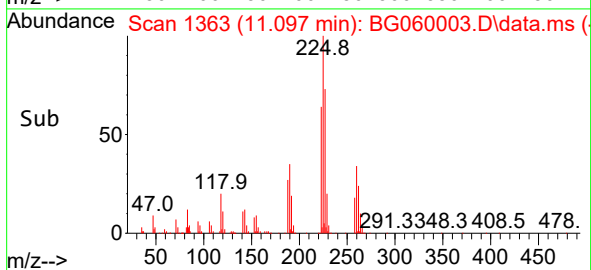
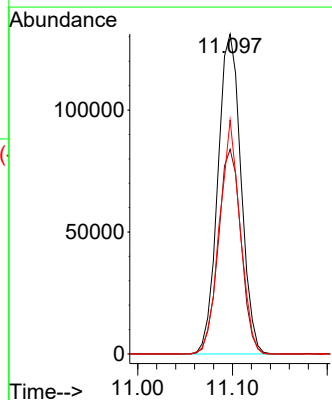
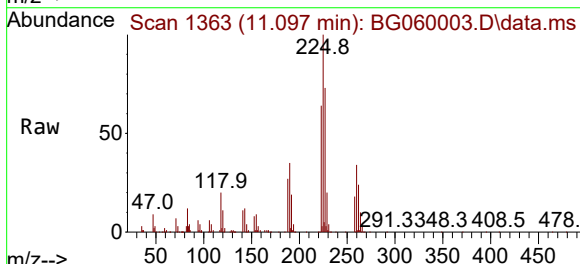
Instrument :
BNA_G
ClientSampleId :
PB157585BS

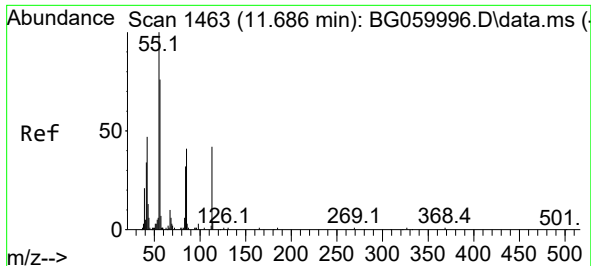
Tgt Ion:	127	Resp:	132316
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	42.4	32.3	48.5
92	25.1	19.7	29.5



#34
Hexachlorobutadiene
Concen: 35.512 ng
RT: 11.097 min Scan# 1363
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:	225	Resp:	222181
Ion	Ratio	Lower	Upper
225	100		
223	66.6	52.4	78.6
227	73.1	56.6	85.0

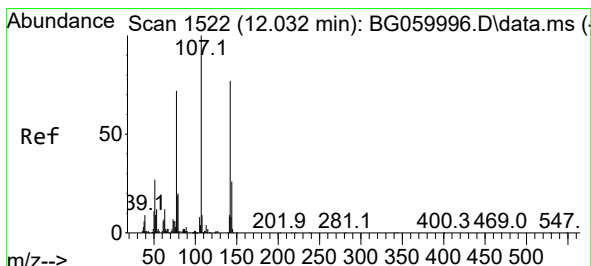
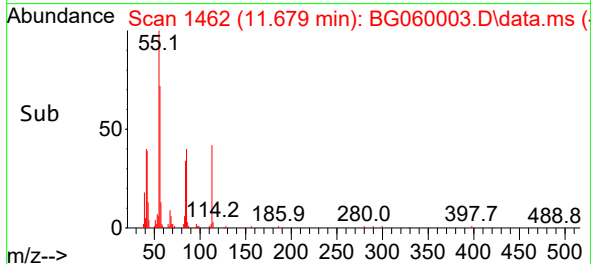
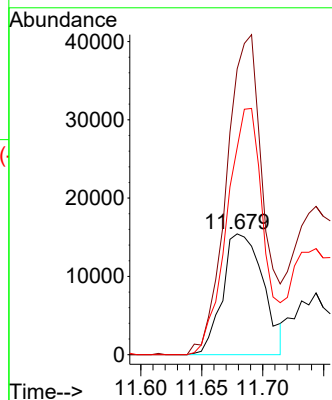
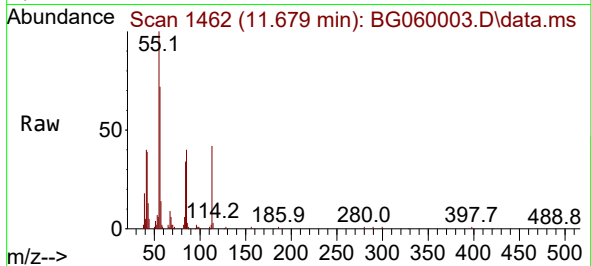




#35
Caprolactam
Concen: 27.865 ng
RT: 11.679 min Scan# 1463
Delta R.T. -0.007 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

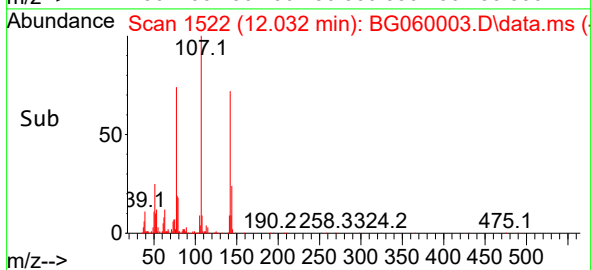
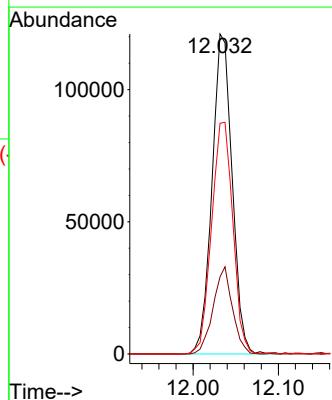
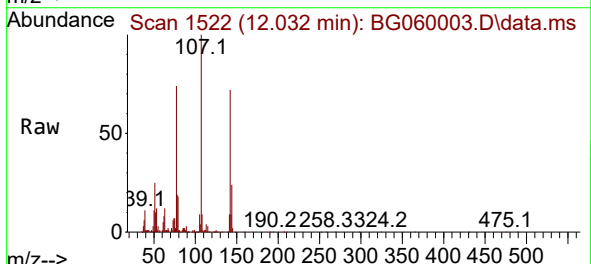
Instrument :
BNA_G
ClientSampleId :
PB157585BS

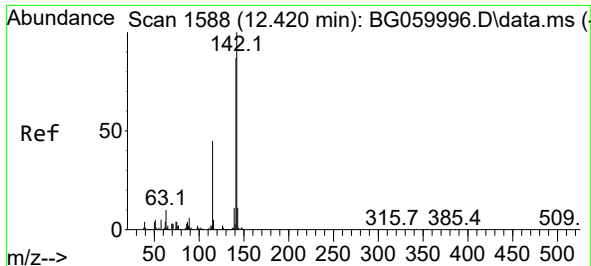
Tgt Ion:113 Resp: 35747
Ion Ratio Lower Upper
113 100
55 236.4 219.5 259.5
56 171.2 161.6 201.6



#36
4-Chloro-3-methylphenol
Concen: 43.257 ng
RT: 12.032 min Scan# 1522
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:107 Resp: 198674
Ion Ratio Lower Upper
107 100
144 24.1 20.4 30.6
142 72.1 61.4 92.0





#37

2-Methylnaphthalene

Concen: 38.922 ng

RT: 12.419 min Scan# 1588

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

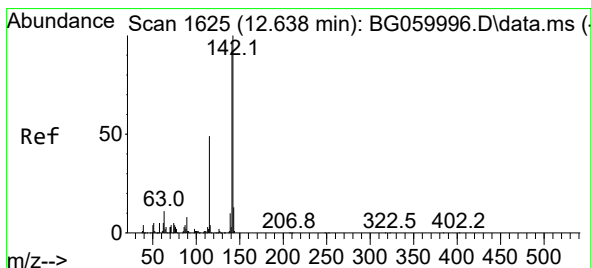
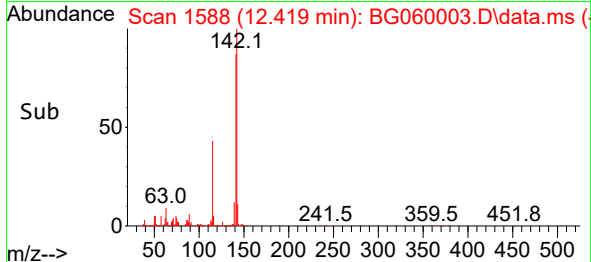
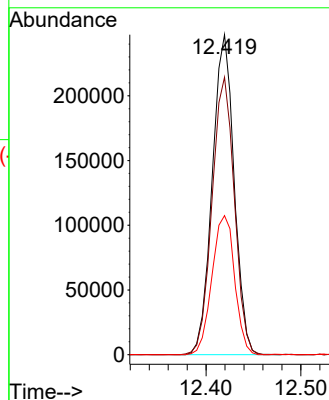
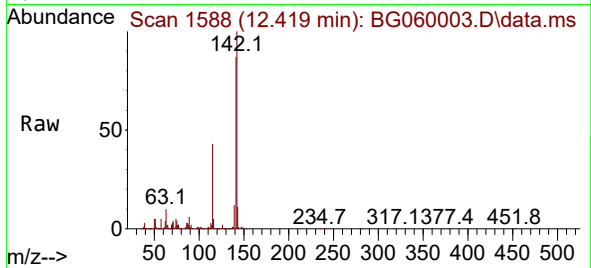
Tgt Ion:142 Resp: 396451

Ion Ratio Lower Upper

142 100

141 86.7 69.9 104.9

115 43.5 36.1 54.1



#38

1-Methylnaphthalene

Concen: 37.194 ng

RT: 12.637 min Scan# 1625

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

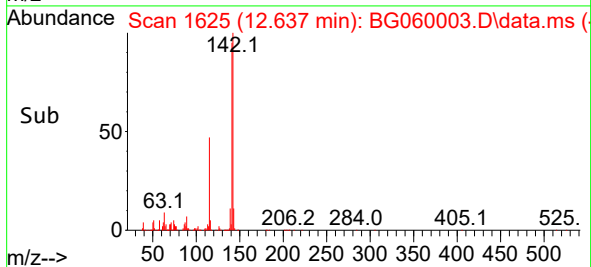
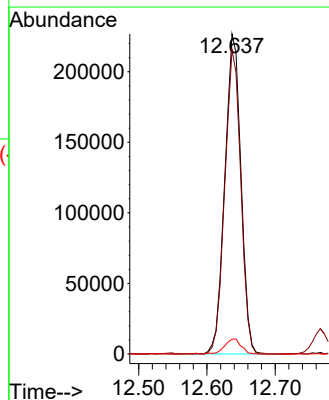
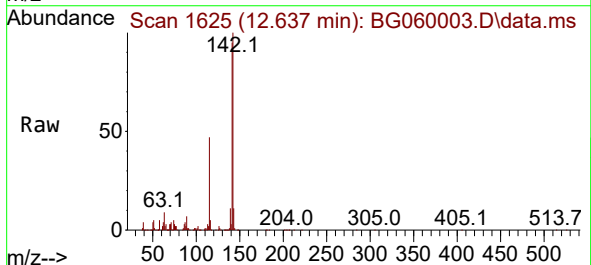
Tgt Ion:142 Resp: 374233

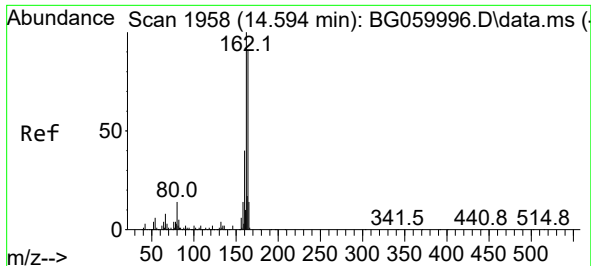
Ion Ratio Lower Upper

142 100

141 95.1 76.9 115.3

116 4.6 3.5 5.3

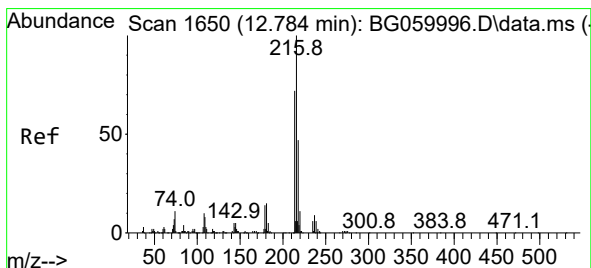
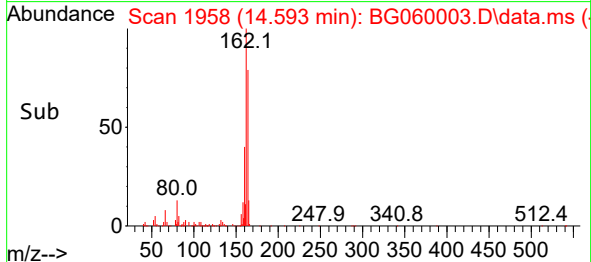
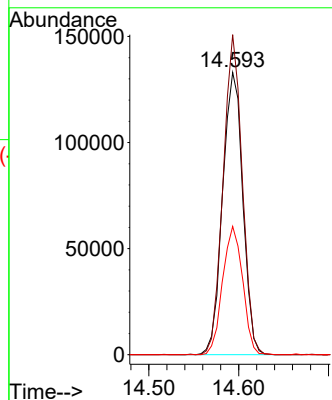
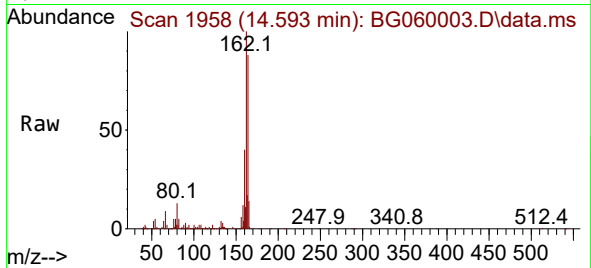




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

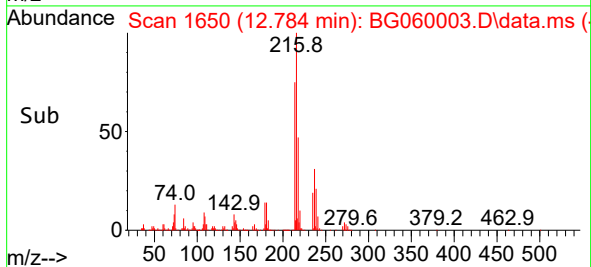
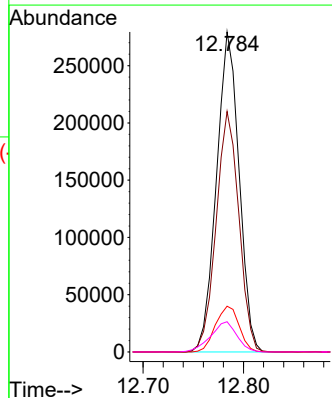
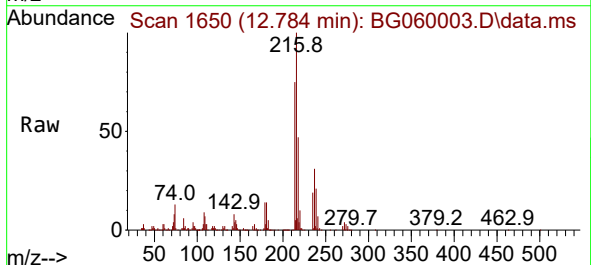
Instrument :
BNA_G
ClientSampleId :
PB157585BS

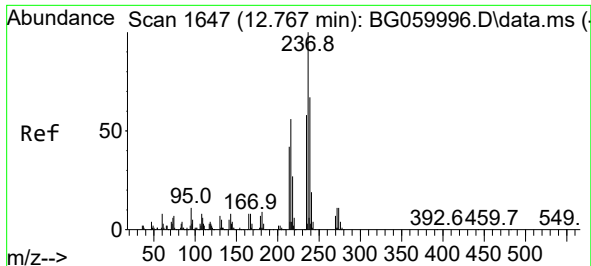
Tgt Ion:164 Resp: 207732
Ion Ratio Lower Upper
164 100
162 113.4 88.1 132.1
160 45.5 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.333 ng
RT: 12.784 min Scan# 1650
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:216 Resp: 436794
Ion Ratio Lower Upper
216 100
214 75.5 60.3 90.5
179 15.0 11.9 17.9
108 11.0 7.9 11.9

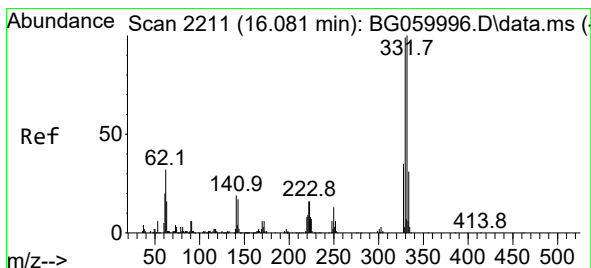
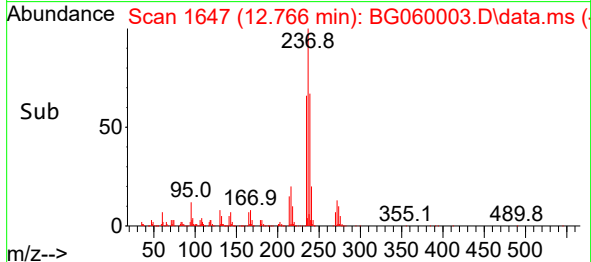
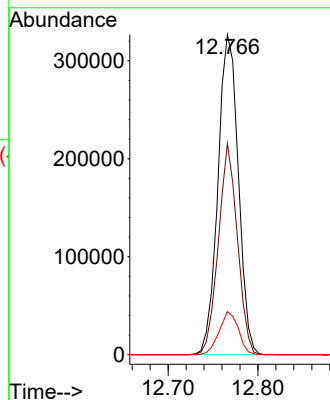
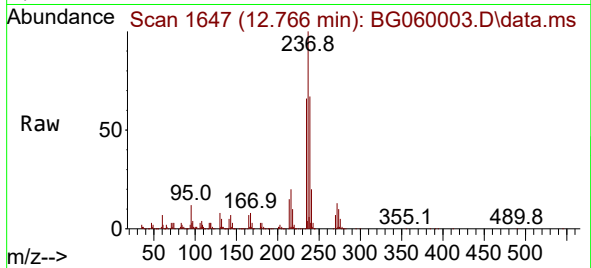




#41
Hexachlorocyclopentadiene
Concen: 115.082 ng
RT: 12.766 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

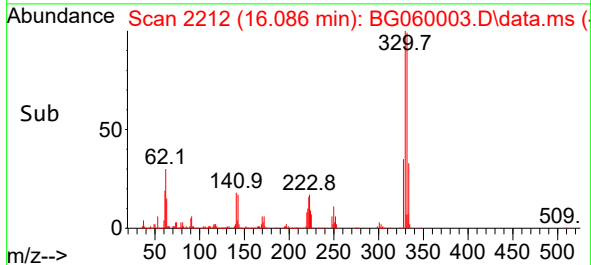
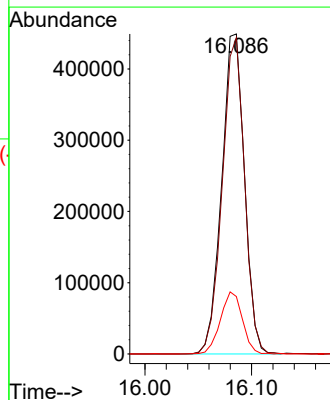
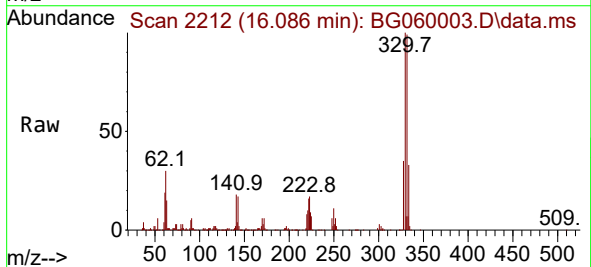
Instrument :
BNA_G
ClientSampleId :
PB157585BS

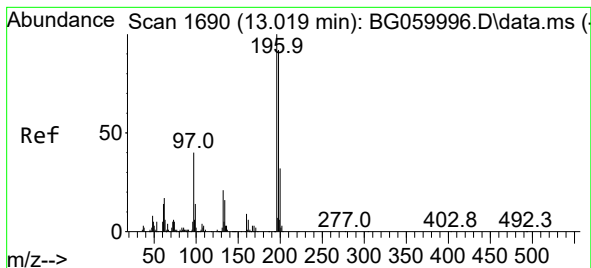
Tgt Ion:237 Resp: 514935
Ion Ratio Lower Upper
237 100
235 66.0 38.5 78.5
272 13.4 0.0 31.2



#42
2,4,6-Tribromophenol
Concen: 137.501 ng
RT: 16.086 min Scan# 2212
Delta R.T. 0.005 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:330 Resp: 665661
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 18.8 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 43.059 ng

RT: 13.019 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

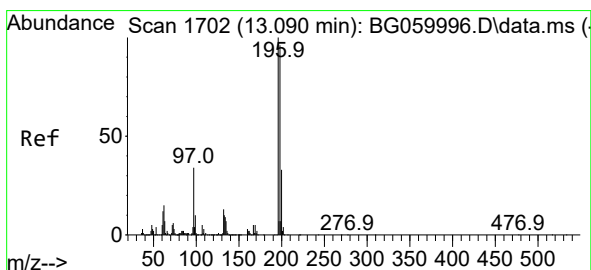
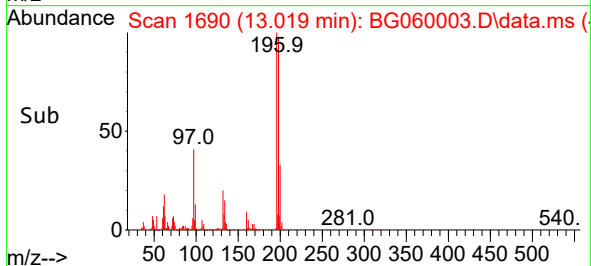
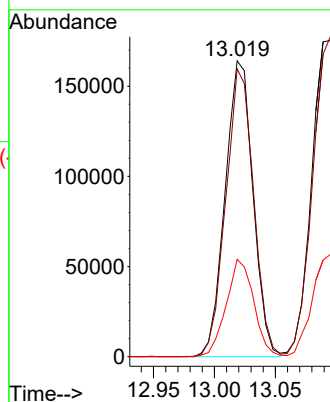
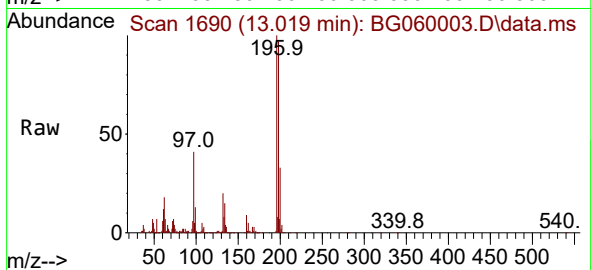
Tgt Ion:196 Resp: 261463

Ion Ratio Lower Upper

196 100

198 97.3 73.4 110.0

200 32.9 26.1 39.1



#44

2,4,5-Trichlorophenol

Concen: 44.310 ng

RT: 13.095 min Scan# 1703

Delta R.T. 0.005 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Tgt Ion:196 Resp: 292651

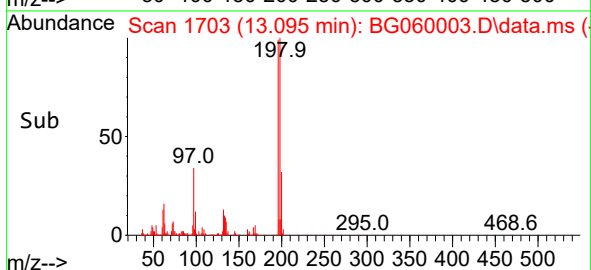
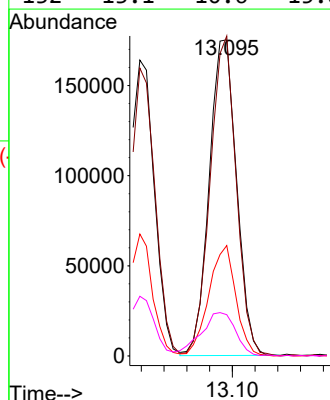
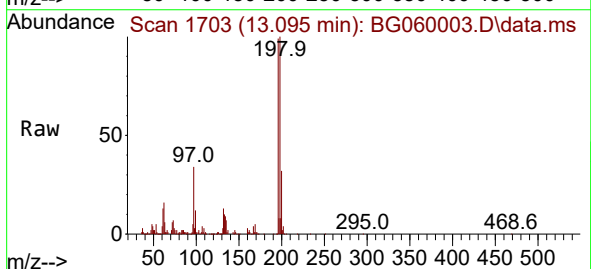
Ion Ratio Lower Upper

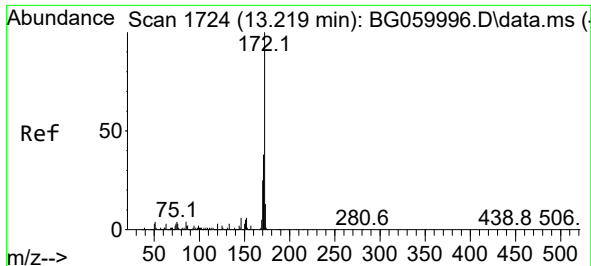
196 100

198 101.2 76.4 114.6

97 34.9 27.0 40.4

132 13.1 10.6 15.8

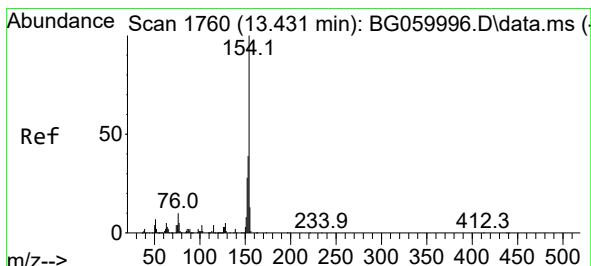
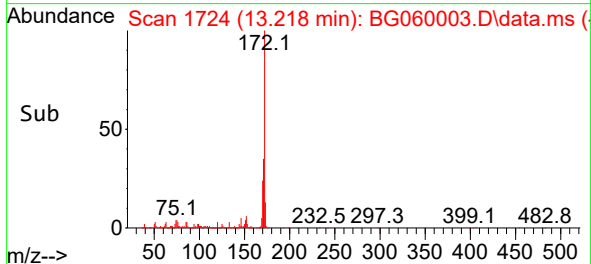
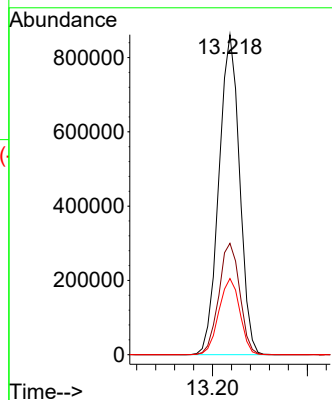
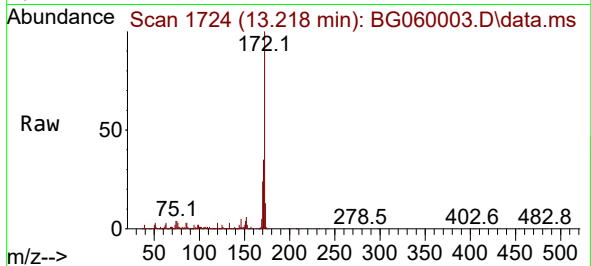




#45
2-Fluorobiphenyl
Concen: 76.883 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

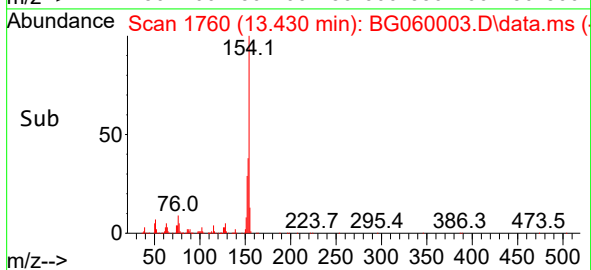
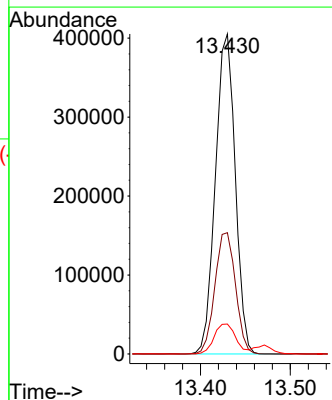
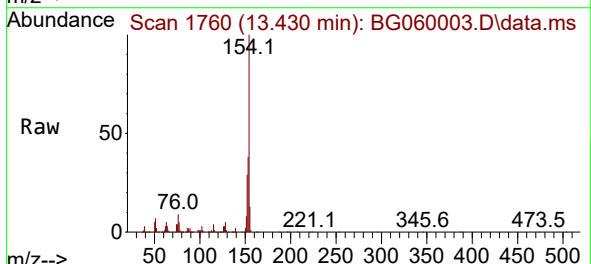
Instrument :
BNA_G
ClientSampleId :
PB157585BS

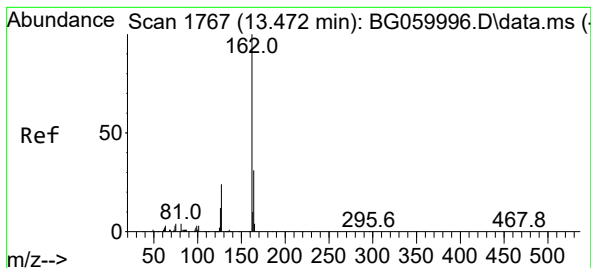
Tgt Ion:172 Resp: 1304929
Ion Ratio Lower Upper
172 100
171 34.8 30.1 45.1
170 23.8 20.0 30.0



#46
1,1'-Biphenyl
Concen: 40.295 ng
RT: 13.430 min Scan# 1760
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:154 Resp: 620777
Ion Ratio Lower Upper
154 100
153 37.9 19.2 59.2
76 9.3 0.0 29.9





#47

2-Chloronaphthalene

Concen: 38.605 ng

RT: 13.471 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

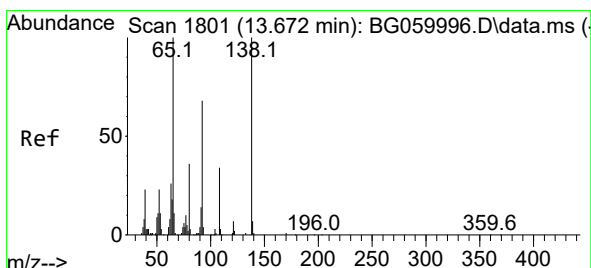
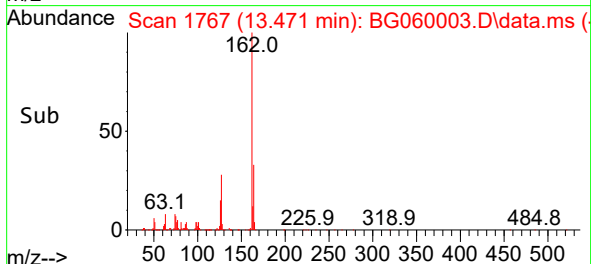
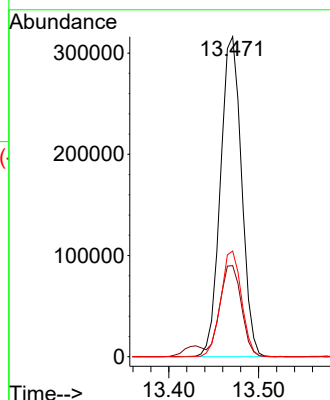
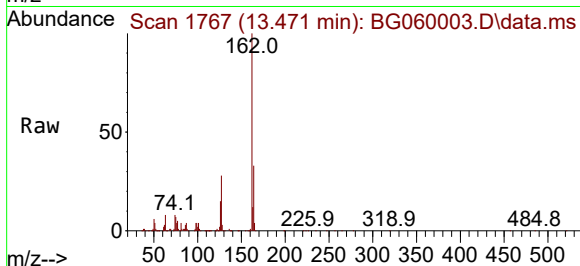
Tgt Ion:162 Resp: 515056

Ion Ratio Lower Upper

162 100

127 28.5 21.8 32.6

164 33.0 25.2 37.8



#48

2-Nitroaniline

Concen: 49.950 ng

RT: 13.671 min Scan# 1801

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

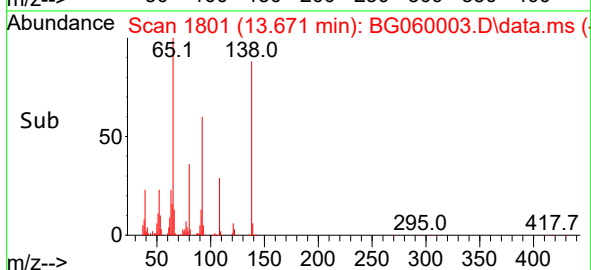
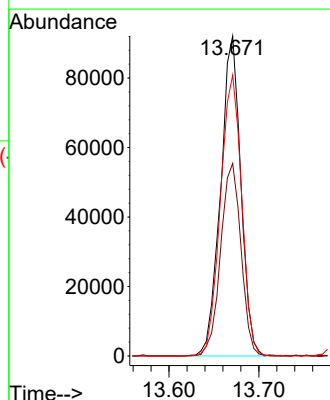
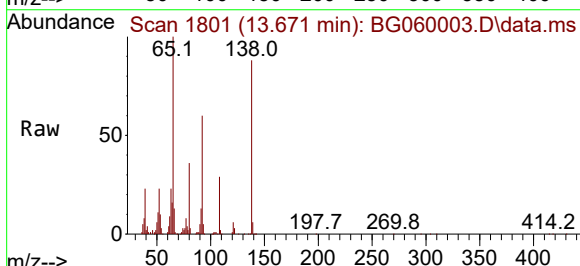
Tgt Ion: 65 Resp: 143859

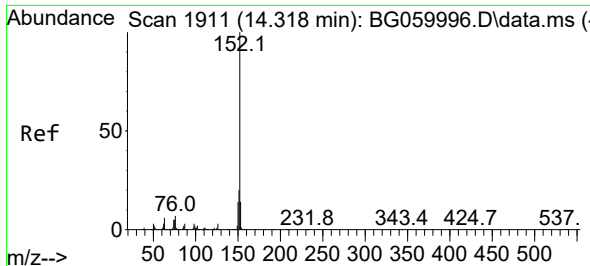
Ion Ratio Lower Upper

65 100

92 60.2 54.6 81.8

138 87.7 80.2 120.2

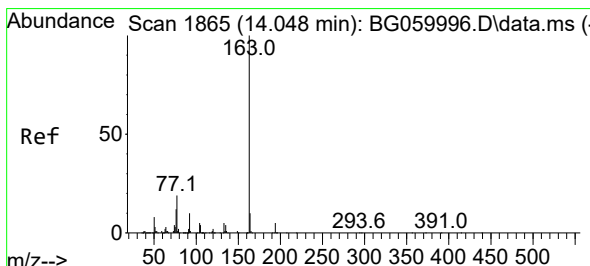
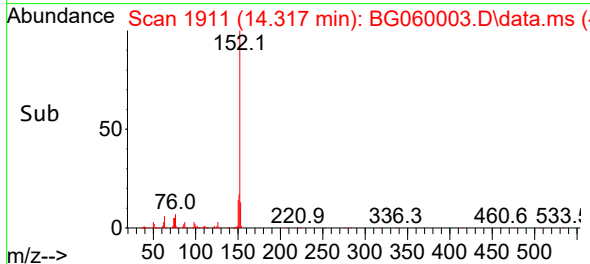
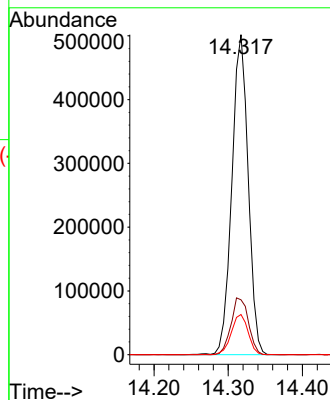
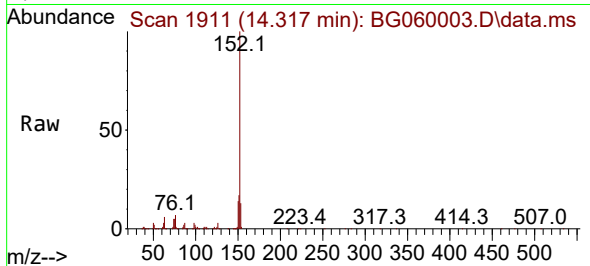




#49
Acenaphthylene
Concen: 41.939 ng
RT: 14.317 min Scan# 1911
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

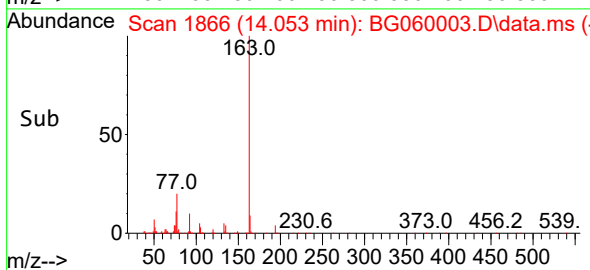
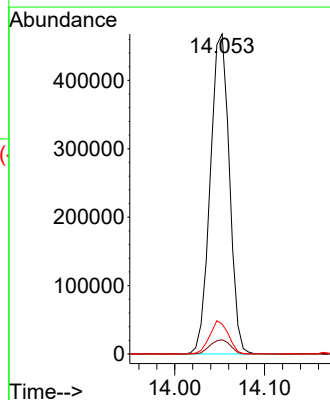
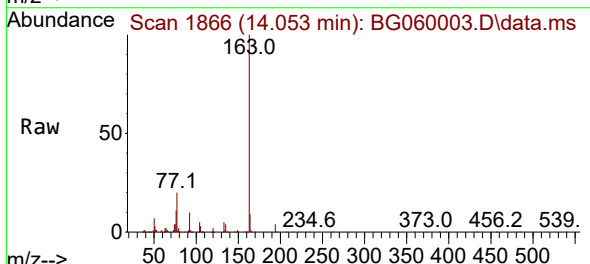
Instrument :
BNA_G
ClientSampleId :
PB157585BS

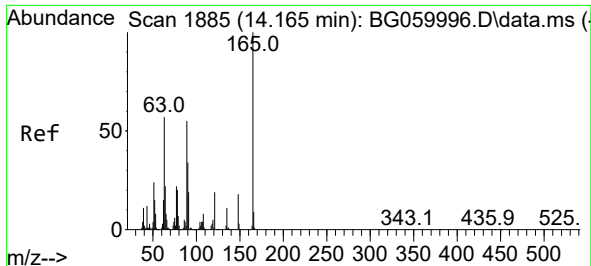
Tgt Ion:152 Resp: 765385
Ion Ratio Lower Upper
152 100
151 17.1 15.8 23.8
153 12.6 11.0 16.4



#50
Dimethylphthalate
Concen: 42.900 ng
RT: 14.053 min Scan# 1866
Delta R.T. 0.005 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:163 Resp: 691738
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 9.3 8.2 12.4

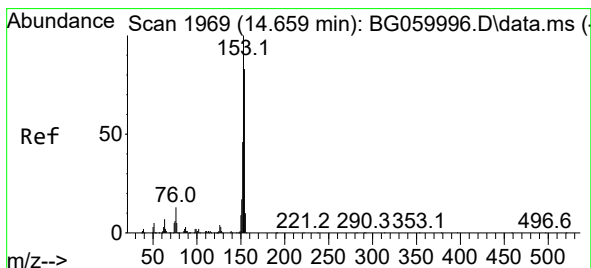
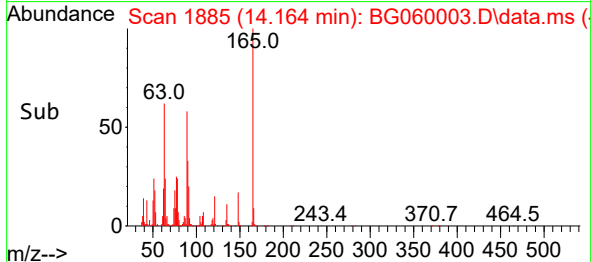
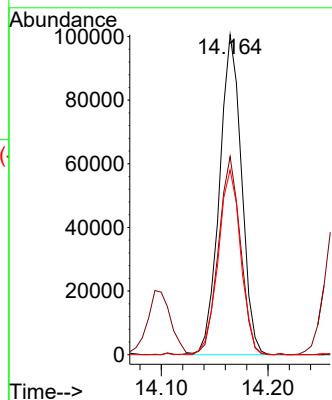
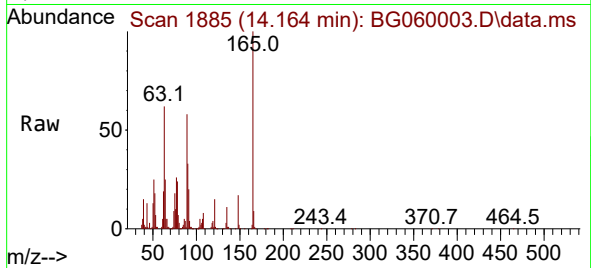




#51
2,6-Dinitrotoluene
Concen: 43.161 ng
RT: 14.164 min Scan# 1885
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

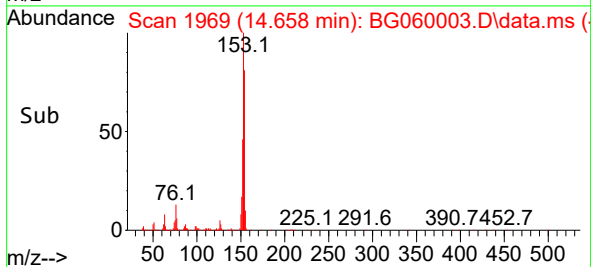
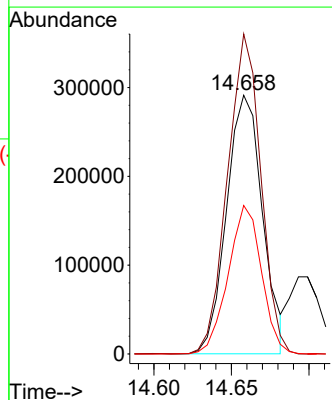
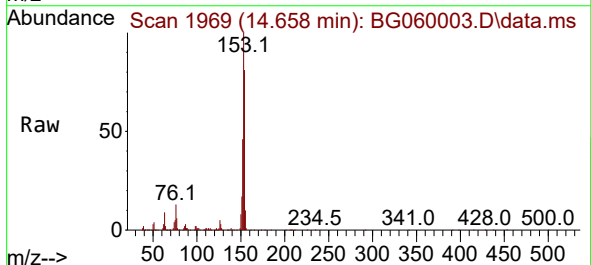
Instrument :
BNA_G
ClientSampleId :
PB157585BS

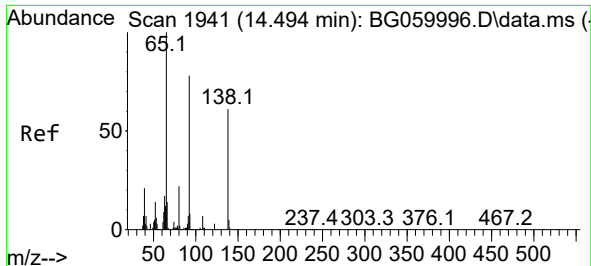
Tgt Ion:165 Resp: 144164
Ion Ratio Lower Upper
165 100
63 61.9 48.2 72.2
89 57.8 44.4 66.6



#52
Acenaphthene
Concen: 37.328 ng
RT: 14.658 min Scan# 1969
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:154 Resp: 468943
Ion Ratio Lower Upper
154 100
153 123.7 96.0 144.0
152 57.4 44.3 66.5

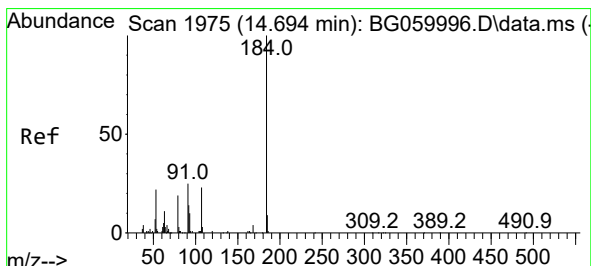
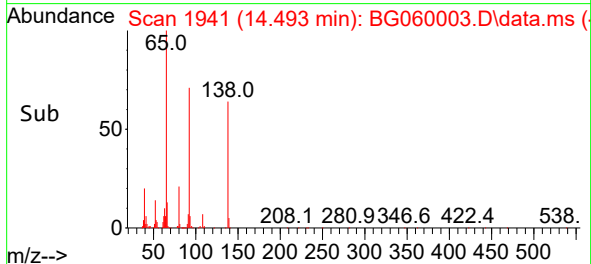
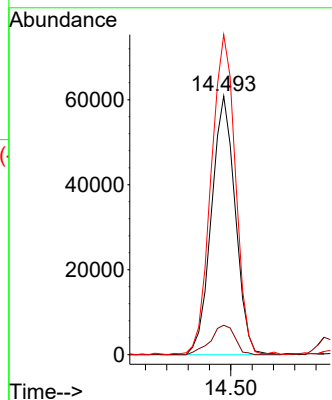
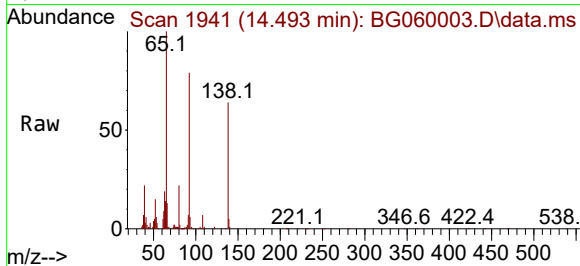




#53
3-Nitroaniline
Concen: 35.309 ng
RT: 14.493 min Scan# 1941
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

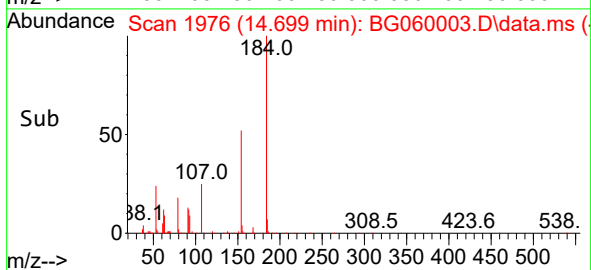
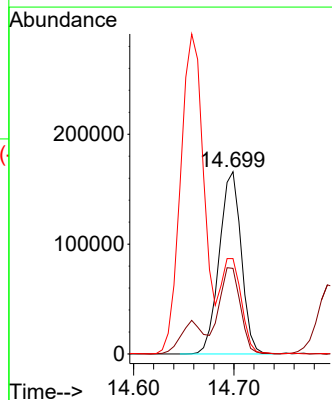
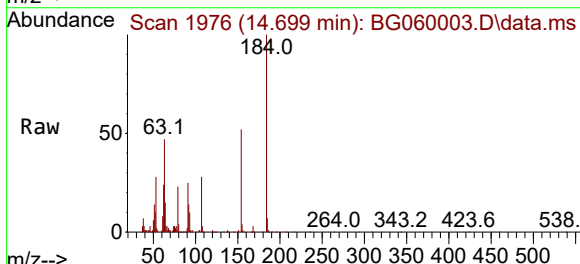
Instrument :
BNA_G
ClientSampleId :
PB157585BS

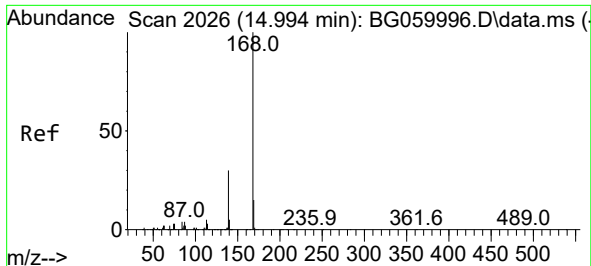
Tgt Ion:138 Resp: 94242
Ion Ratio Lower Upper
138 100
108 11.4 8.9 13.3
92 123.7 102.1 153.1



#54
2,4-Dinitrophenol
Concen: 102.286 ng
RT: 14.699 min Scan# 1976
Delta R.T. 0.005 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:184 Resp: 251718
Ion Ratio Lower Upper
184 100
63 47.0 35.5 53.3
154 52.3 36.7 55.1

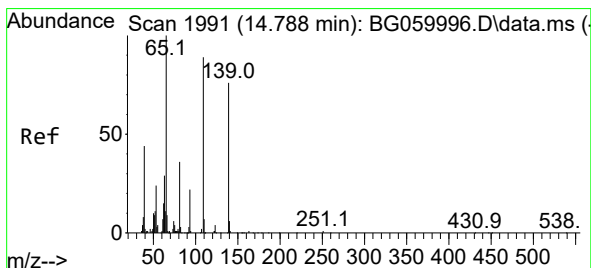
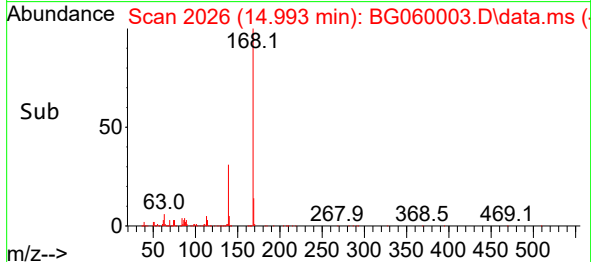
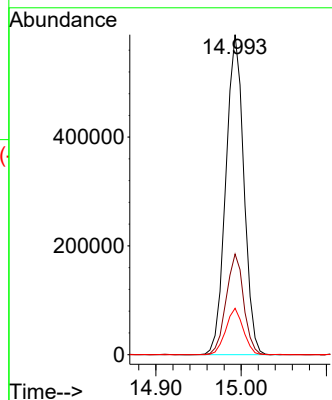
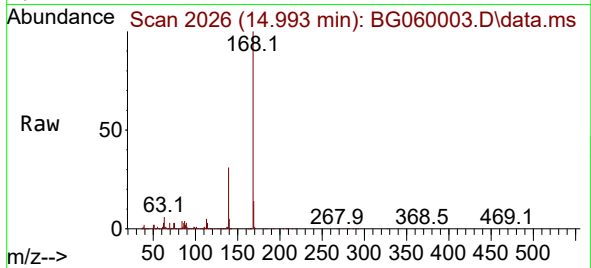




#55
Dibenzofuran
Concen: 42.190 ng
RT: 14.993 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

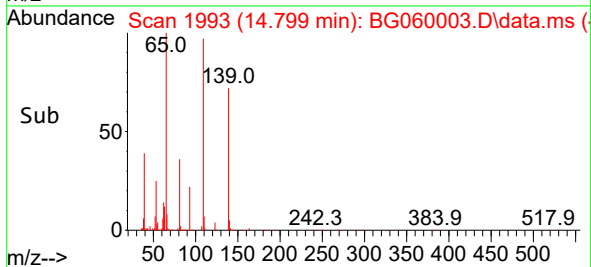
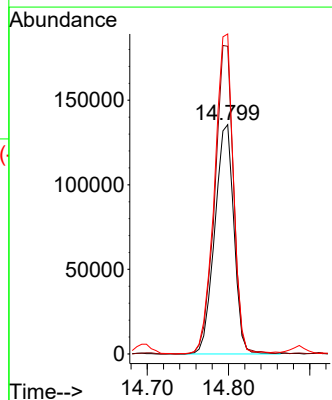
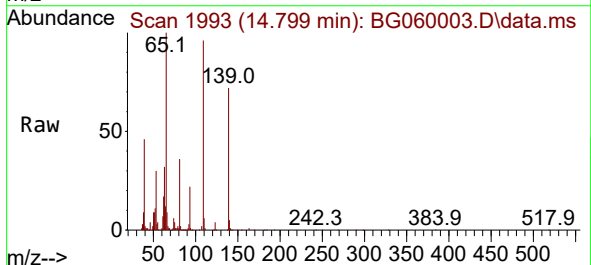
Instrument :
BNA_G
ClientSampleId :
PB157585BS

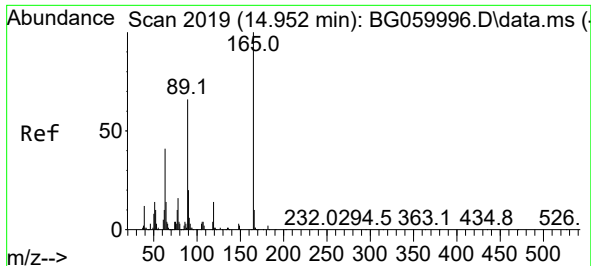
Tgt Ion:168 Resp: 862675
Ion Ratio Lower Upper
168 100
139 31.4 24.0 36.0
169 14.5 11.8 17.8



#56
4-Nitrophenol
Concen: 99.199 ng
RT: 14.799 min Scan# 1993
Delta R.T. 0.011 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:139 Resp: 222524
Ion Ratio Lower Upper
139 100
109 134.2 97.2 137.2
65 139.6 112.2 152.2





#57

2,4-Dinitrotoluene

Concen: 46.331 ng

RT: 14.952 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

Tgt Ion:165 Resp: 217541

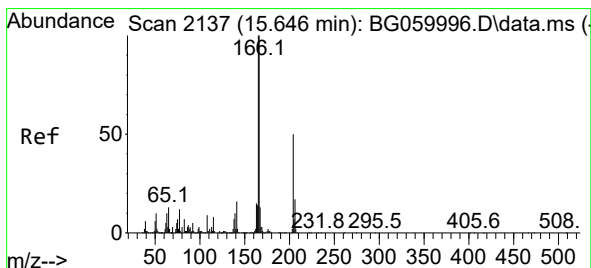
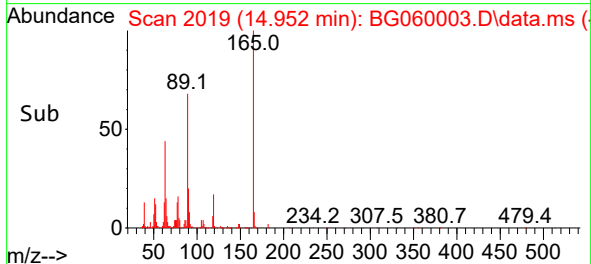
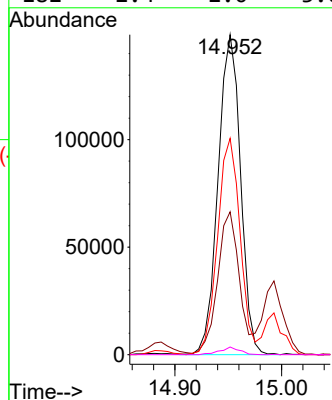
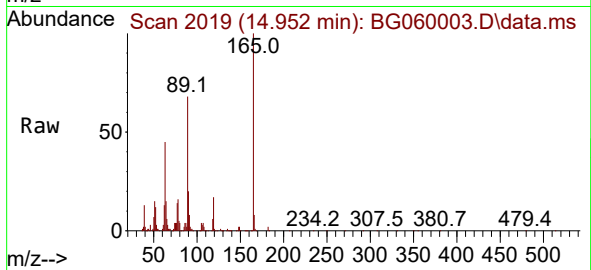
Ion Ratio Lower Upper

165 100

63 44.7 32.8 49.2

89 67.6 53.0 79.6

182 2.4 2.0 3.0



#58

Fluorene

Concen: 42.564 ng

RT: 15.639 min Scan# 2136

Delta R.T. -0.007 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

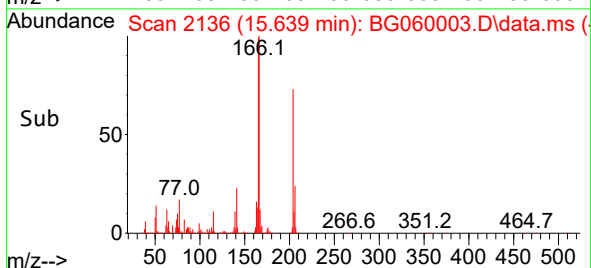
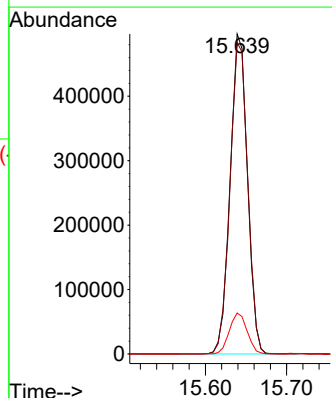
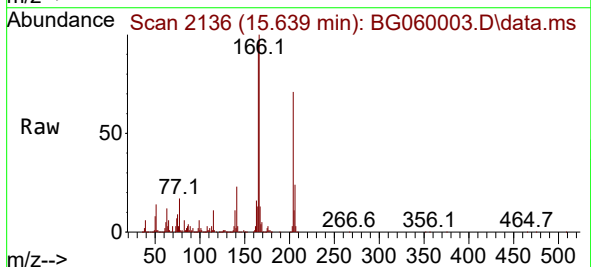
Tgt Ion:166 Resp: 733901

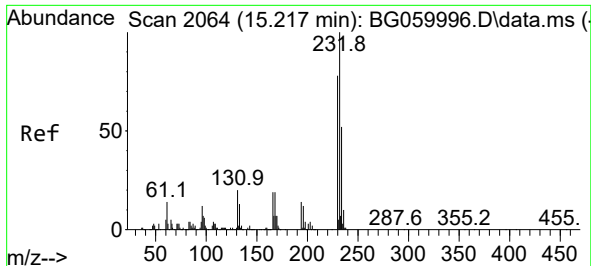
Ion Ratio Lower Upper

166 100

165 97.4 80.2 120.2

167 12.8 10.3 15.5

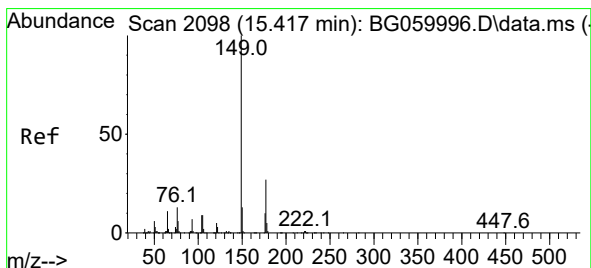
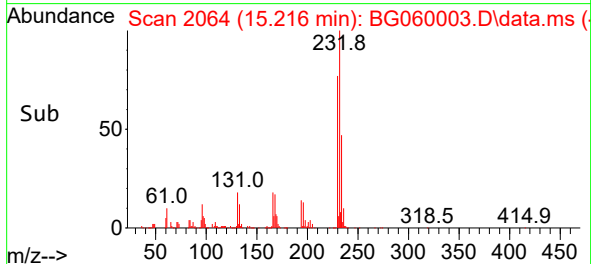
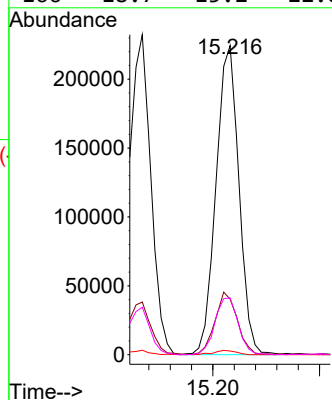
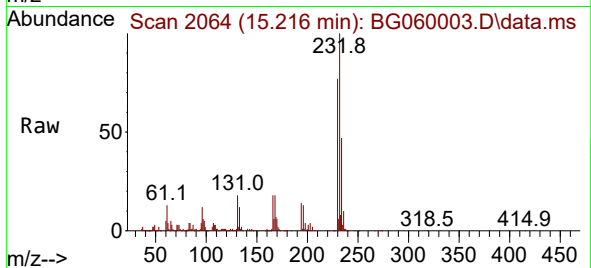




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.627 ng
RT: 15.216 min Scan# 2064
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

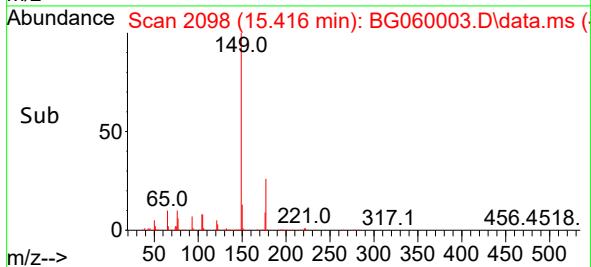
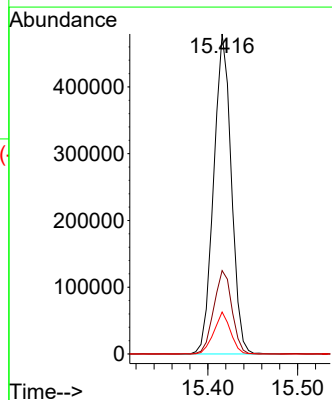
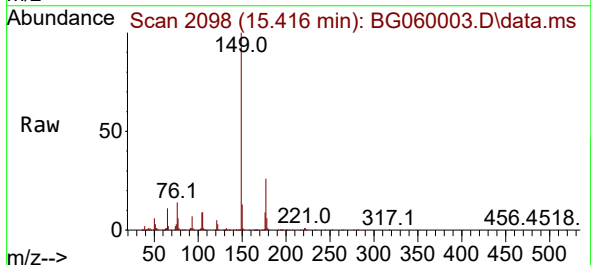
Instrument :
BNA_G
ClientSampleId :
PB157585BS

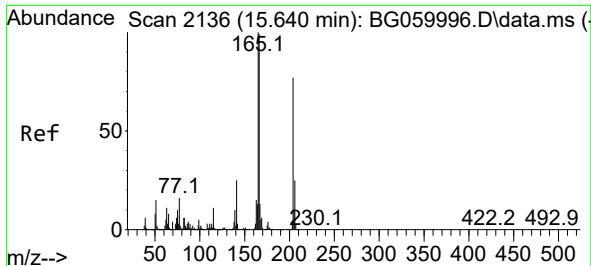
Tgt Ion:232 Resp: 334318
Ion Ratio Lower Upper
232 100
131 19.7 17.6 26.4
130 1.4 1.0 1.6
166 18.7 15.2 22.8



#60
Diethylphthalate
Concen: 44.101 ng
RT: 15.416 min Scan# 2098
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:149 Resp: 654293
Ion Ratio Lower Upper
149 100
177 26.0 21.5 32.3
150 13.1 10.3 15.5

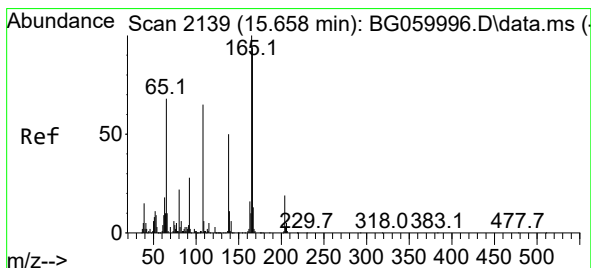
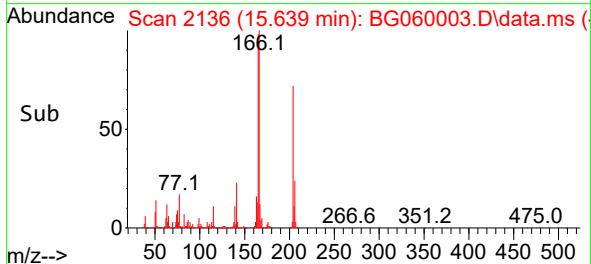
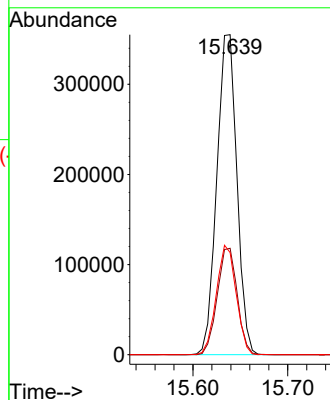
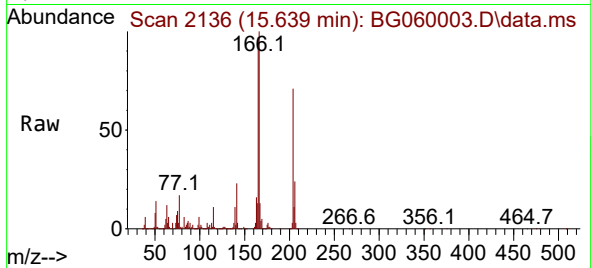




#61
4-Chlorophenyl-phenylether
Concen: 42.087 ng
RT: 15.639 min Scan# 2136
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

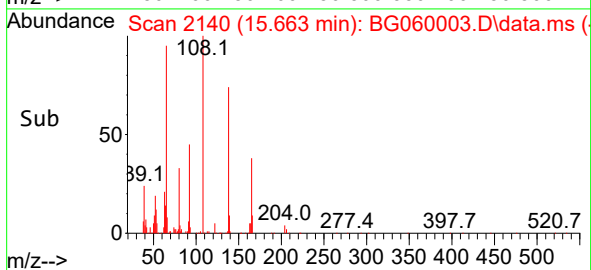
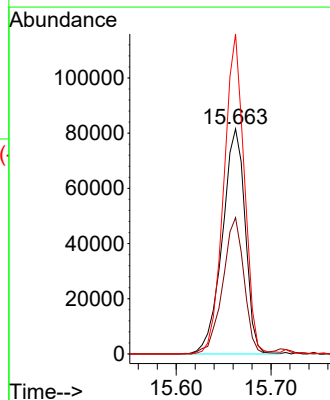
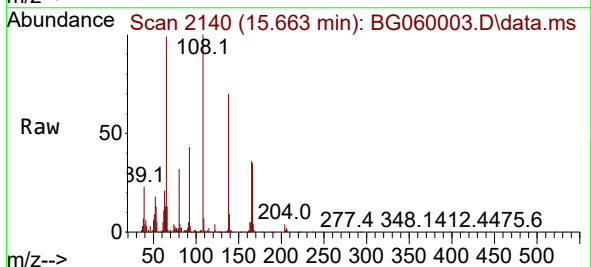
Instrument :
BNA_G
ClientSampleId :
PB157585BS

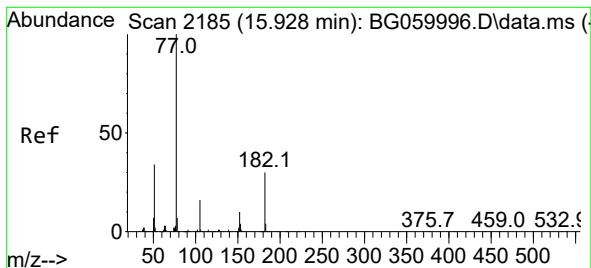
Tgt Ion:204 Resp: 522633
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 31.9 25.6 38.4



#62
4-Nitroaniline
Concen: 46.924 ng
RT: 15.663 min Scan# 2140
Delta R.T. 0.005 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:138 Resp: 136381
Ion Ratio Lower Upper
138 100
92 60.5 36.3 76.3
108 142.1 109.3 149.3

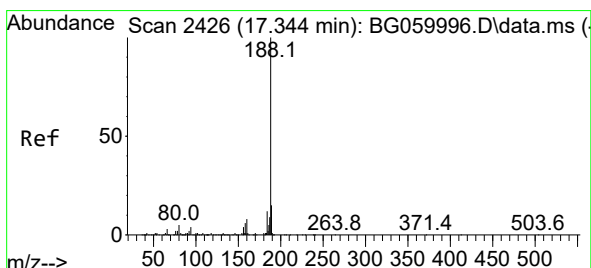
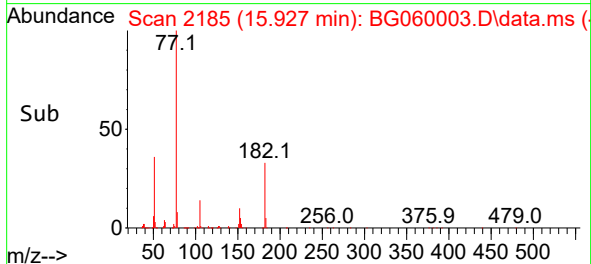
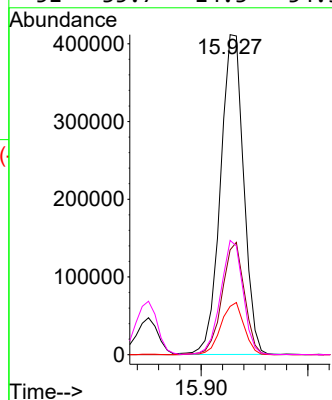
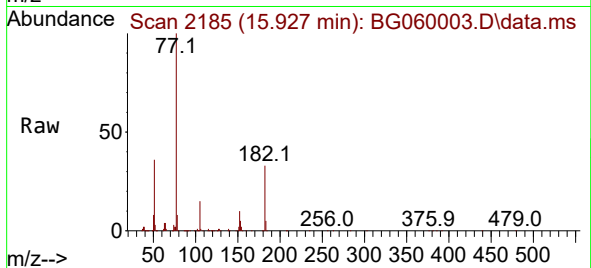




#63
Azobenzene
Concen: 42.418 ng
RT: 15.927 min Scan# 2185
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

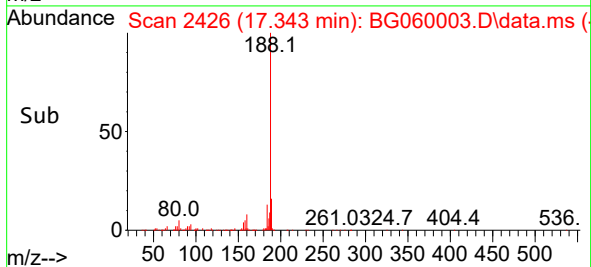
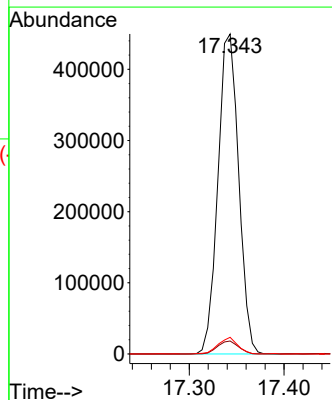
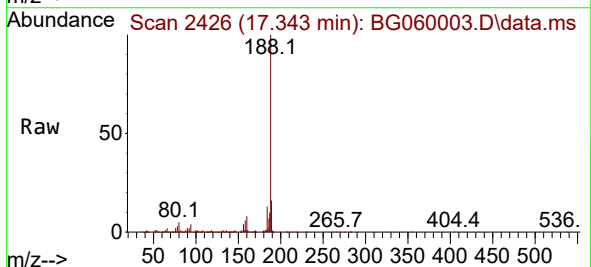
Instrument :
BNA_G
ClientSampleId :
PB157585BS

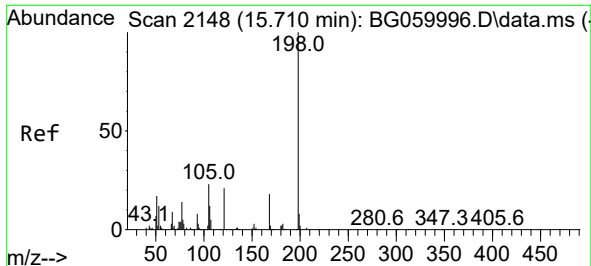
Tgt Ion: 77	Resp: 620463
Ion Ratio	Lower Upper
77 100	
182 32.8	10.2 50.2
105 15.1	0.0 36.5
51 35.7	14.3 54.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.343 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:188	Resp: 684557
Ion Ratio	Lower Upper
188 100	
94 4.0	3.0 4.6
80 5.2	4.0 6.0

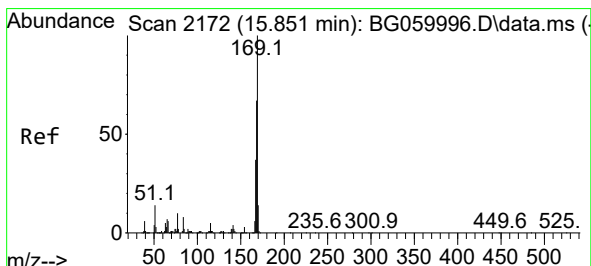
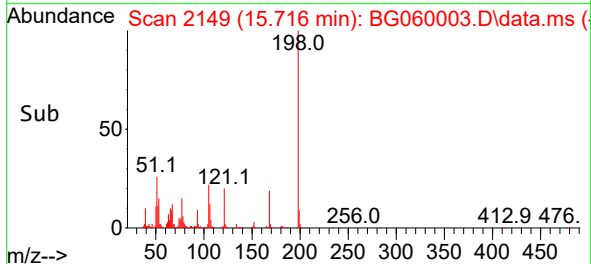
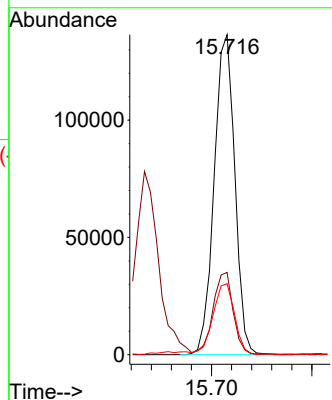
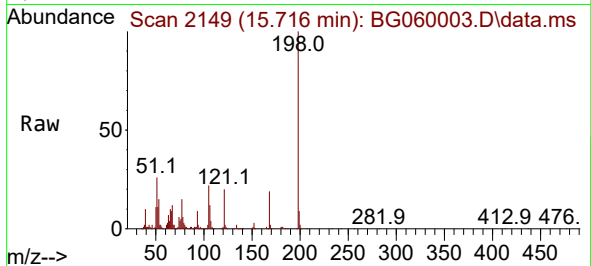




#65
4,6-Dinitro-2-methylphenol
Concen: 45.367 ng
RT: 15.716 min Scan# 2148
Delta R.T. 0.005 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

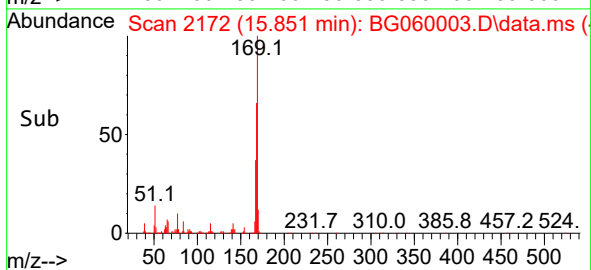
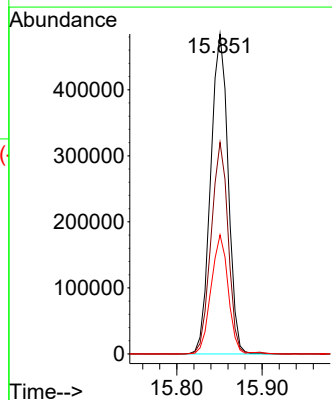
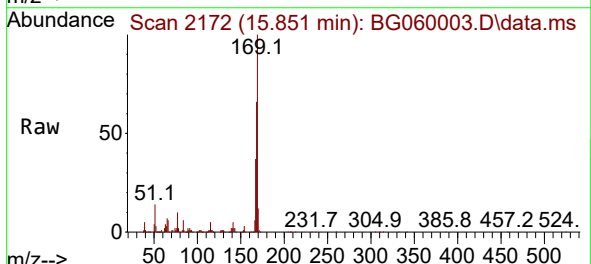
Instrument :
BNA_G
ClientSampleId :
PB157585BS

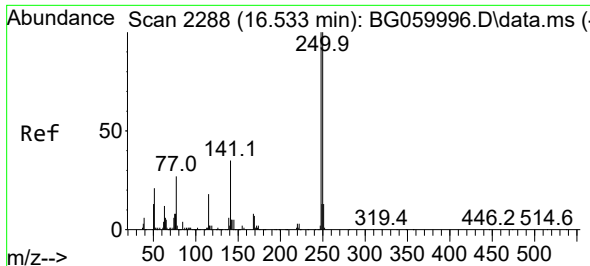
Tgt Ion:198 Resp: 194720
Ion Ratio Lower Upper
198 100
51 25.7 0.0 39.7
105 22.2 3.3 43.3



#66
n-Nitrosodiphenylamine
Concen: 41.229 ng
RT: 15.851 min Scan# 2172
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:169 Resp: 689495
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.2
167 37.2 30.0 45.0

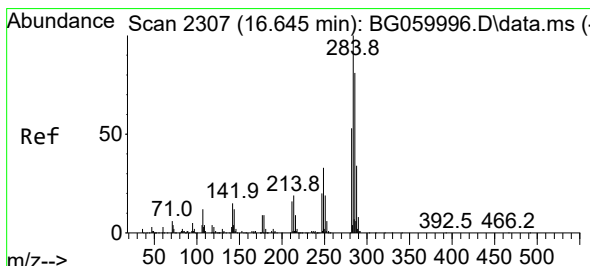
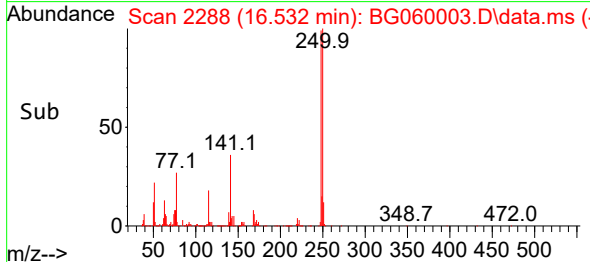
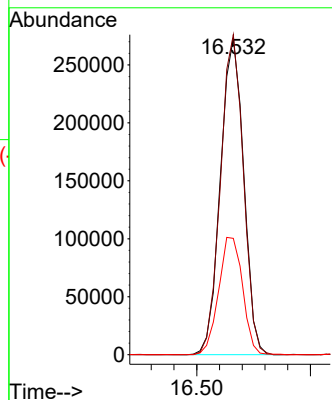
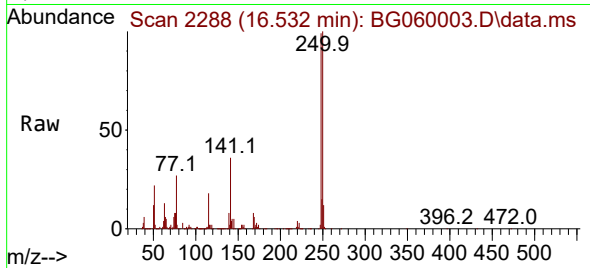




#67
4-Bromophenyl-phenylether
Concen: 40.098 ng
RT: 16.532 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

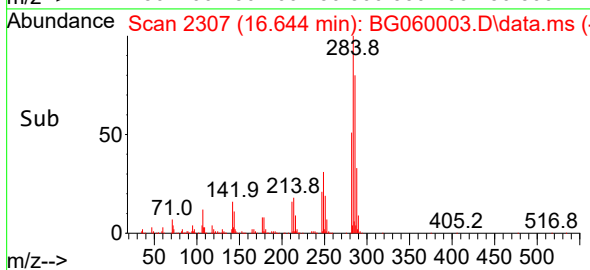
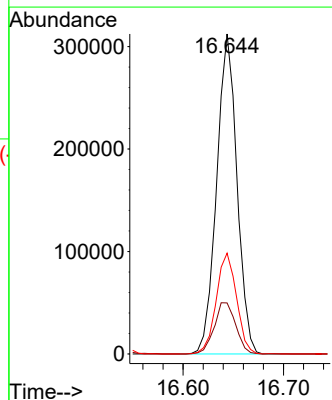
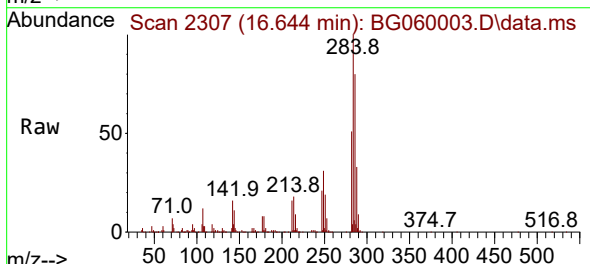
Instrument :
BNA_G
ClientSampleId :
PB157585BS

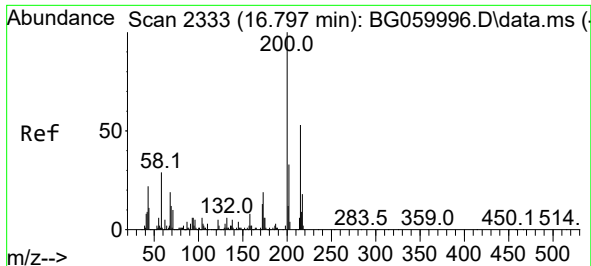
Tgt Ion:248 Resp: 387286
Ion Ratio Lower Upper
248 100
250 101.1 79.9 119.9
141 36.7 28.3 42.5



#68
Hexachlorobenzene
Concen: 38.826 ng
RT: 16.644 min Scan# 2307
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:284 Resp: 438384
Ion Ratio Lower Upper
284 100
142 15.9 11.7 17.5
249 31.5 26.1 39.1

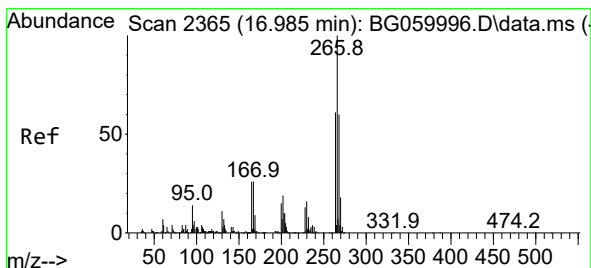
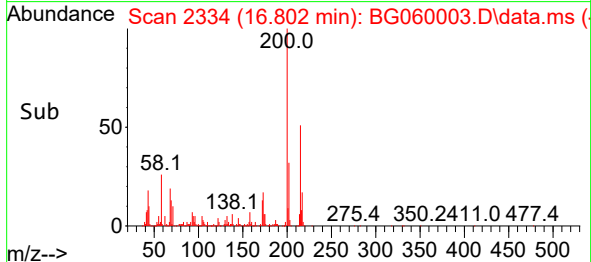
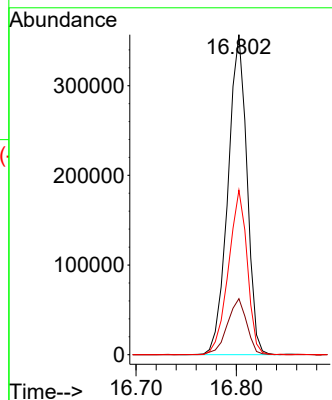
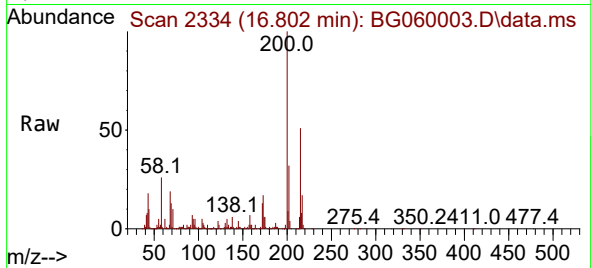




#69
 Atrazine
 Concen: Below Cal
 RT: 16.802 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG060003.D
 Acq: 13 Dec 2023 19:25

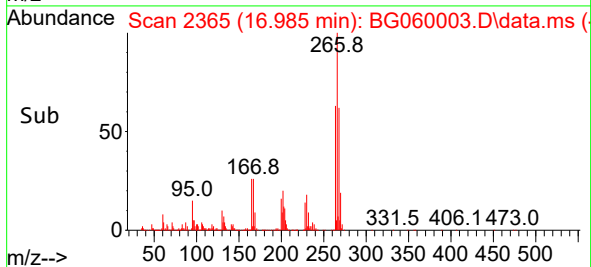
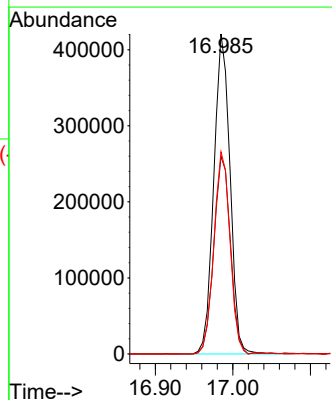
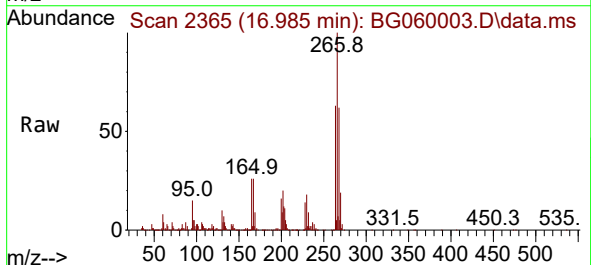
Instrument :
 BNA_G
 ClientSampleId :
 PB157585BS

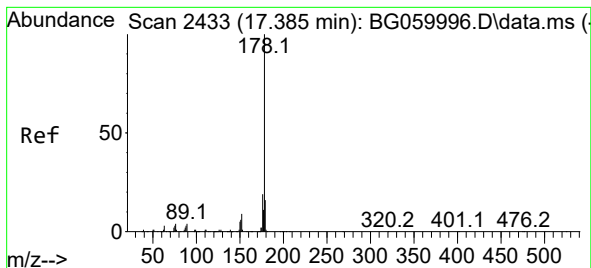
Tgt Ion:200 Resp: 468070
 Ion Ratio Lower Upper
 200 100
 173 17.5 0.0 39.3
 215 51.4 33.1 73.1



#70
 Pentachlorophenol
 Concen: 83.503 ng
 RT: 16.985 min Scan# 2365
 Delta R.T. -0.001 min
 Lab File: BG060003.D
 Acq: 13 Dec 2023 19:25

Tgt Ion:266 Resp: 610798
 Ion Ratio Lower Upper
 266 100
 268 61.7 47.9 71.9
 264 63.2 48.8 73.2





#71

Phenanthrene

Concen: 41.797 ng

RT: 17.384 min Scan# 2433

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

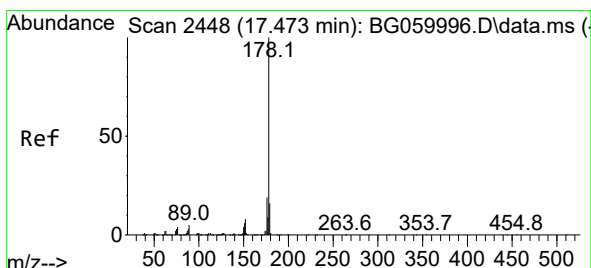
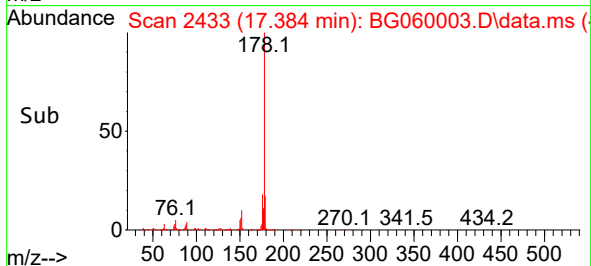
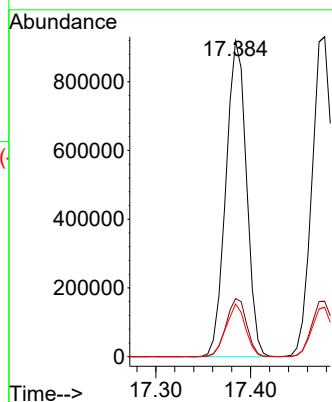
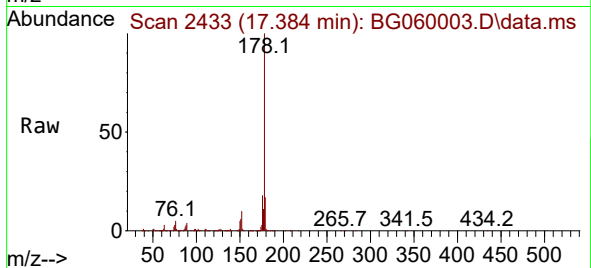
Tgt Ion:178 Resp: 1385907

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

179 16.7 12.6 19.0



#72

Anthracene

Concen: 42.267 ng

RT: 17.478 min Scan# 2449

Delta R.T. 0.005 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

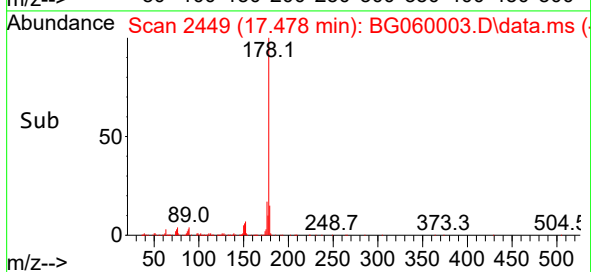
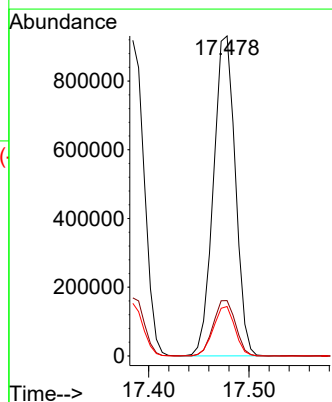
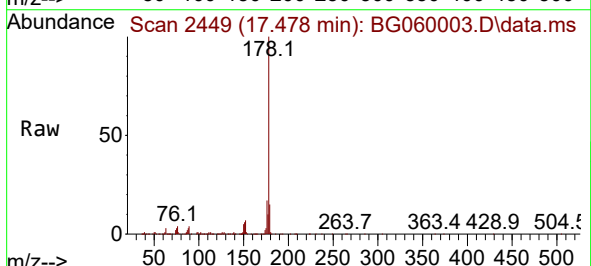
Tgt Ion:178 Resp: 1409112

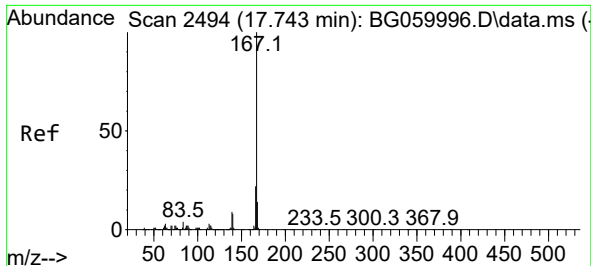
Ion Ratio Lower Upper

178 100

176 17.3 15.0 22.6

179 15.4 12.6 19.0

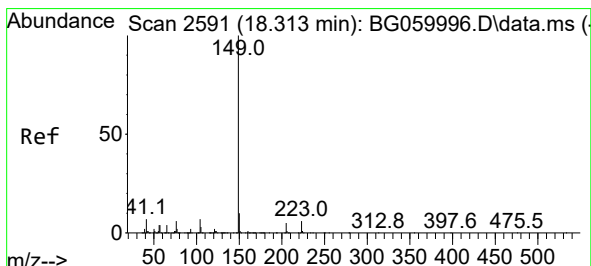
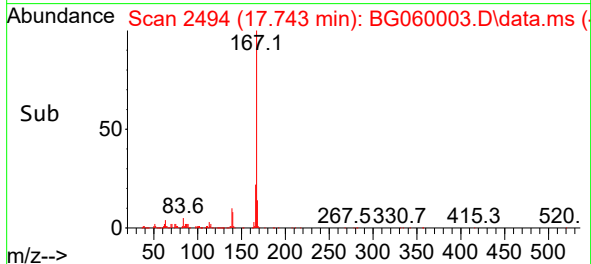
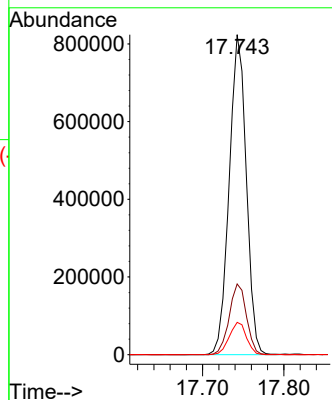
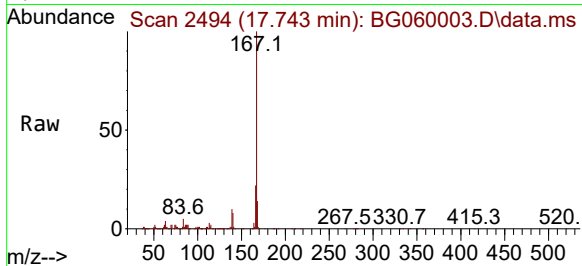




#73
 Carbazole
 Concen: 42.429 ng
 RT: 17.743 min Scan# 2494
 Delta R.T. -0.000 min
 Lab File: BG060003.D
 Acq: 13 Dec 2023 19:25

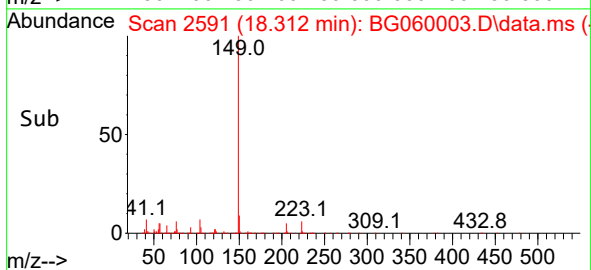
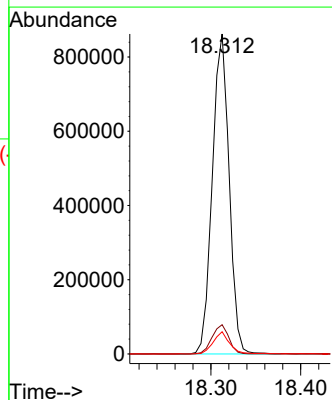
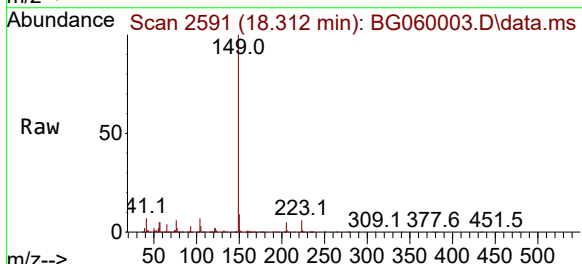
Instrument :
 BNA_G
 ClientSampleId :
 PB157585BS

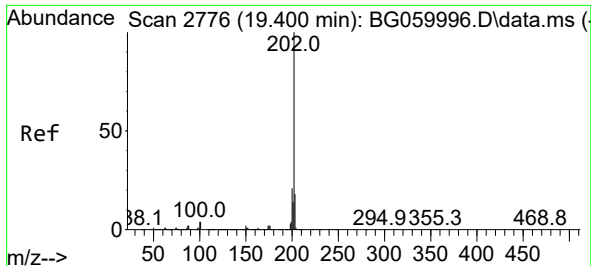
Tgt Ion:167 Resp: 1202016
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 10.1 7.5 11.3



#74
 Di-n-butylphthalate
 Concen: 43.327 ng
 RT: 18.312 min Scan# 2591
 Delta R.T. -0.001 min
 Lab File: BG060003.D
 Acq: 13 Dec 2023 19:25

Tgt Ion:149 Resp: 1119759
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.9 11.9
 104 6.9 5.6 8.4

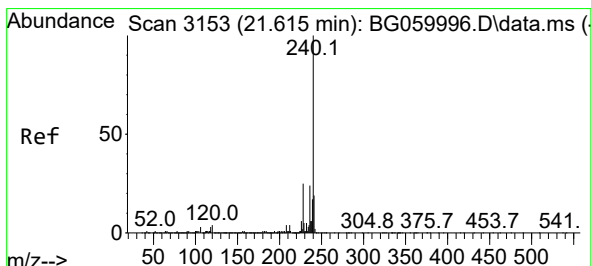
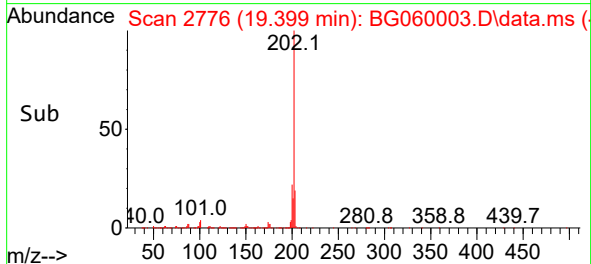
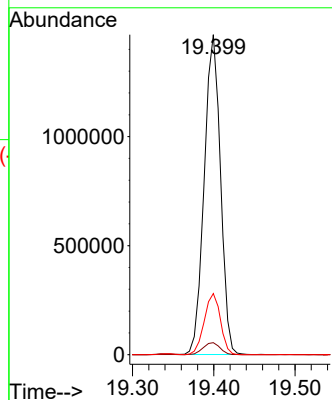
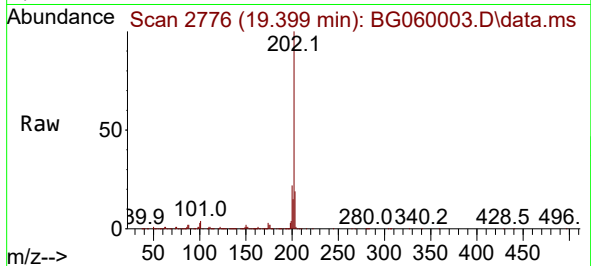




#75
Fluoranthene
Concen: 42.085 ng
RT: 19.399 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

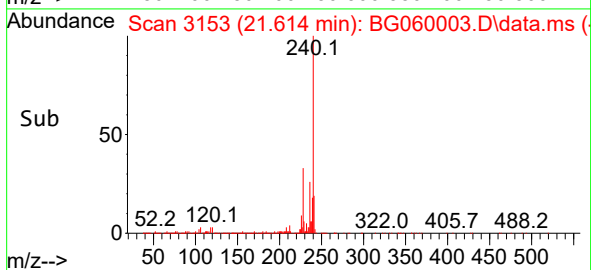
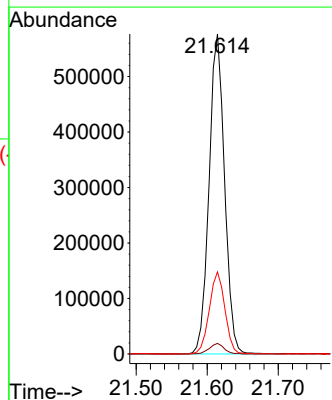
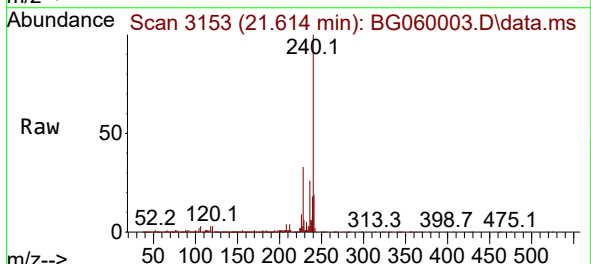
Instrument :
BNA_G
ClientSampleId :
PB157585BS

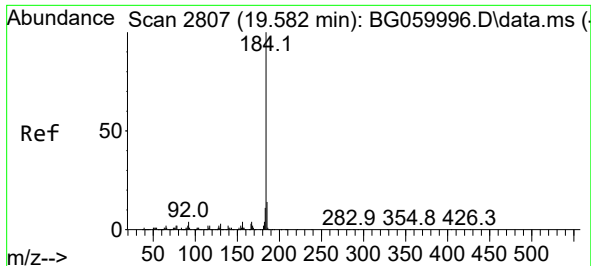
Tgt Ion:202 Resp: 2036314
Ion Ratio Lower Upper
202 100
101 3.7 0.0 24.2
203 19.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.614 min Scan# 3153
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:240 Resp: 875478
Ion Ratio Lower Upper
240 100
120 3.3 2.9 4.3
236 25.7 19.4 29.2

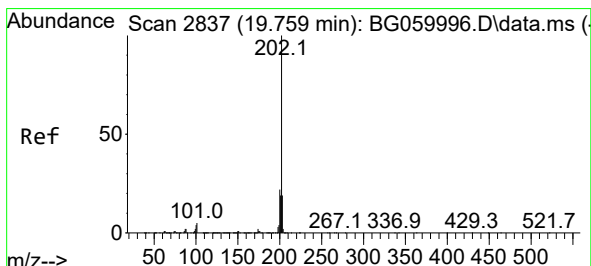
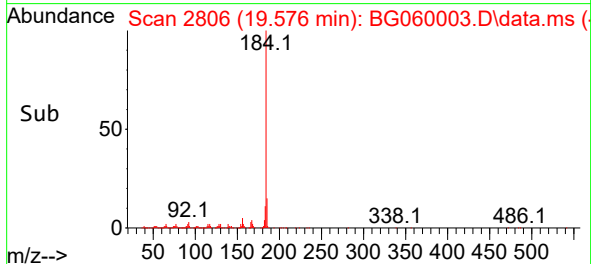
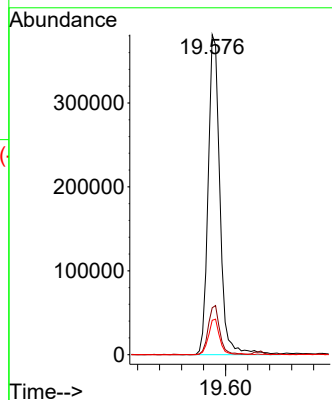
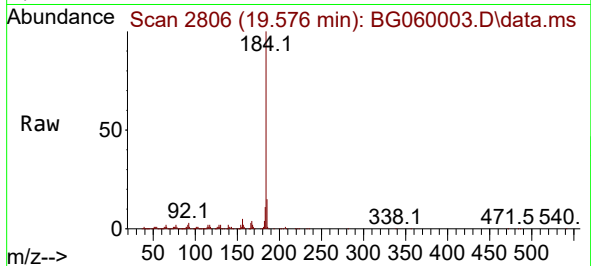




#77
Benzidine
Concen: 50.211 ng
RT: 19.576 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

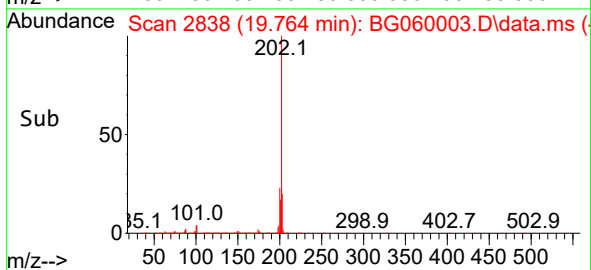
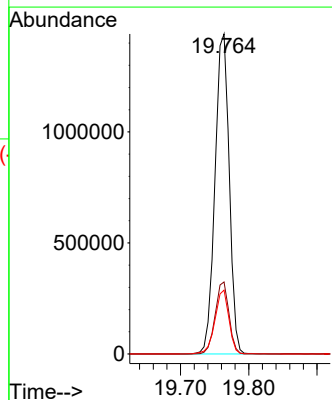
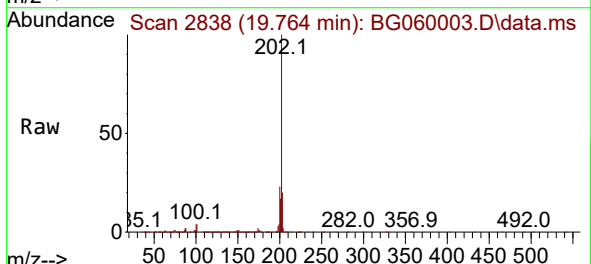
Instrument :
BNA_G
ClientSampleId :
PB157585BS

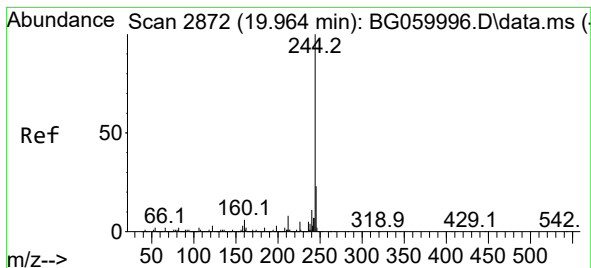
Tgt Ion:184 Resp: 564634
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 10.8 9.0 13.4



#78
Pyrene
Concen: 39.473 ng
RT: 19.764 min Scan# 2838
Delta R.T. 0.005 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:202 Resp: 2094819
Ion Ratio Lower Upper
202 100
200 22.5 17.6 26.4
203 20.0 14.9 22.3





#79

Terphenyl-d14

Concen: 77.851 ng

RT: 19.963 min Scan# 2872

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

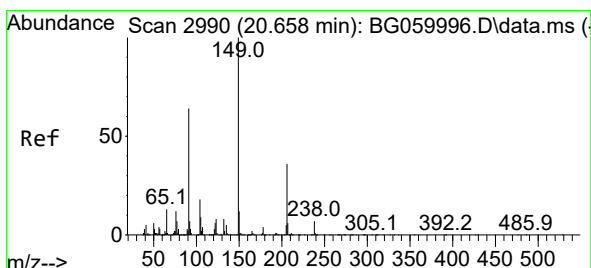
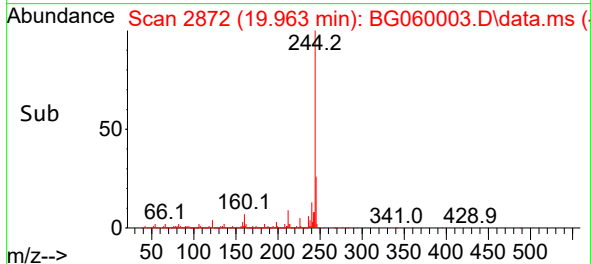
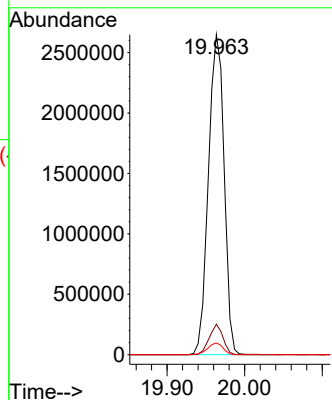
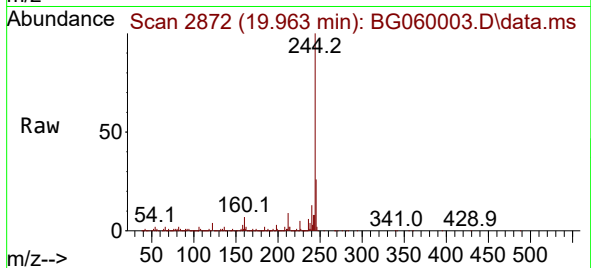
Tgt Ion:244 Resp: 3733163

Ion Ratio Lower Upper

244 100

212 9.5 6.8 10.2

122 3.6 2.6 3.8



#80

Butylbenzylphthalate

Concen: 44.192 ng

RT: 20.657 min Scan# 2990

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

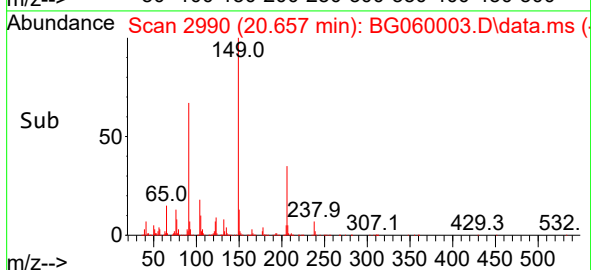
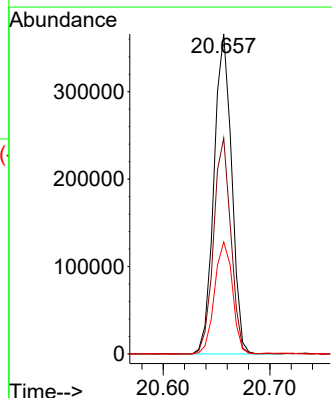
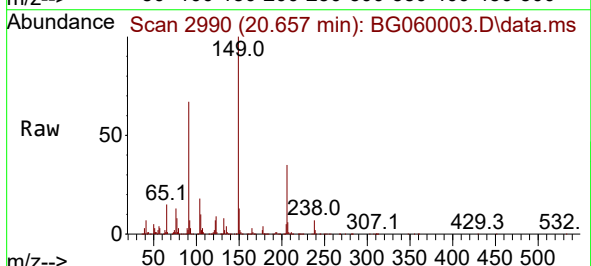
Tgt Ion:149 Resp: 421205

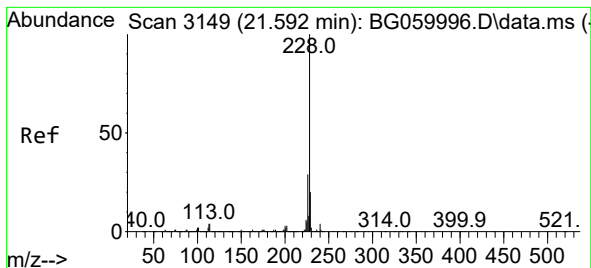
Ion Ratio Lower Upper

149 100

91 67.4 51.3 76.9

206 35.0 28.8 43.2





#81

Benzo(a)anthracene

Concen: 41.239 ng

RT: 21.597 min Scan# 3149

Delta R.T. 0.005 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

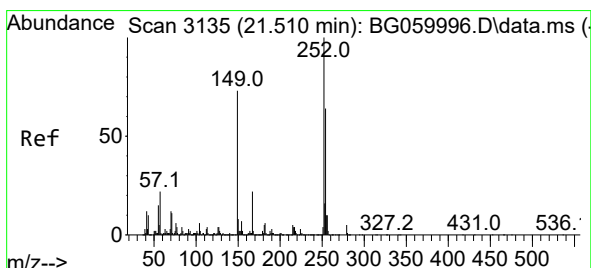
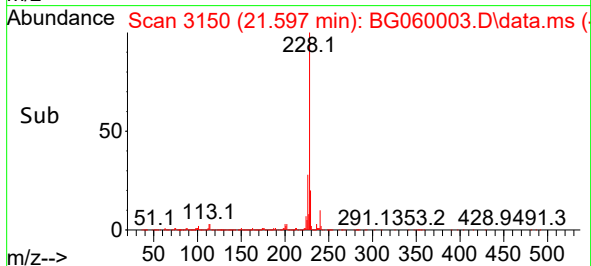
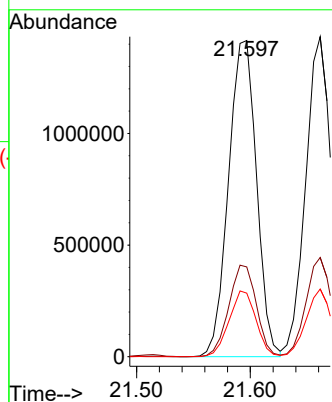
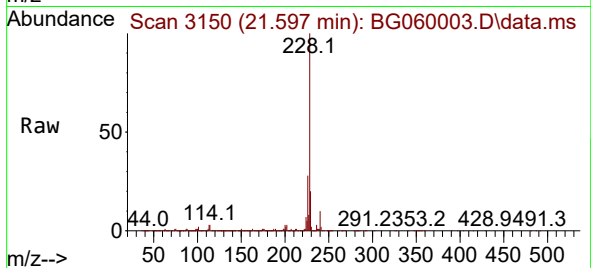
Tgt Ion:228 Resp: 2425169

Ion Ratio Lower Upper

228 100

226 28.4 22.9 34.3

229 20.1 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 42.712 ng

RT: 21.509 min Scan# 3135

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

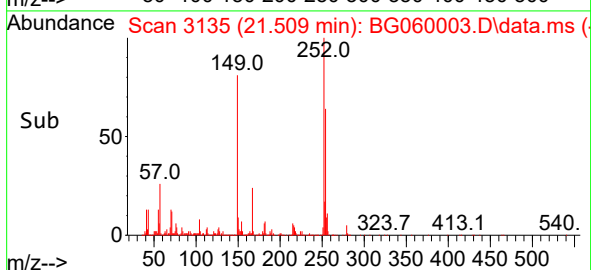
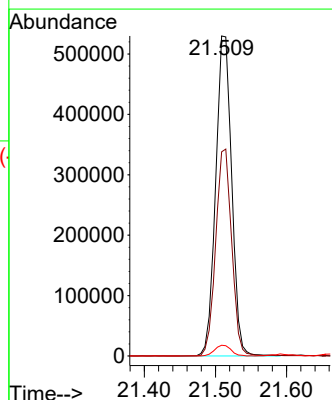
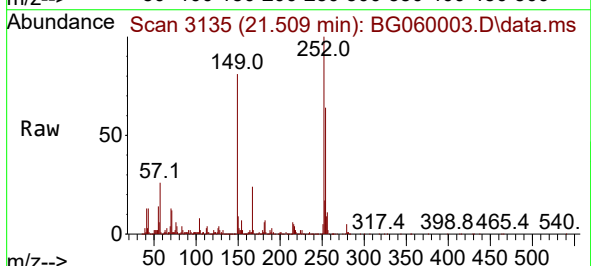
Tgt Ion:252 Resp: 826532

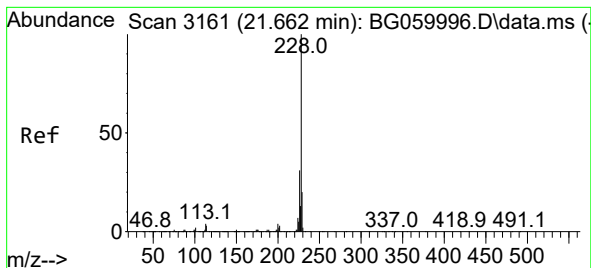
Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.4

126 3.4 3.0 4.4





#83

Chrysene

Concen: 40.690 ng

RT: 21.661 min Scan# 3161

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

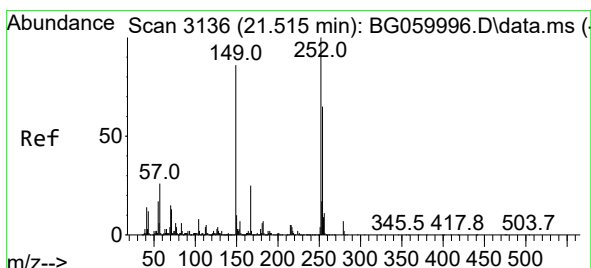
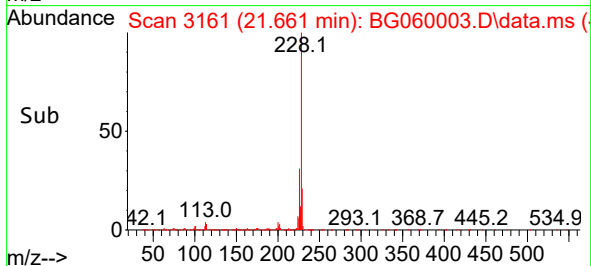
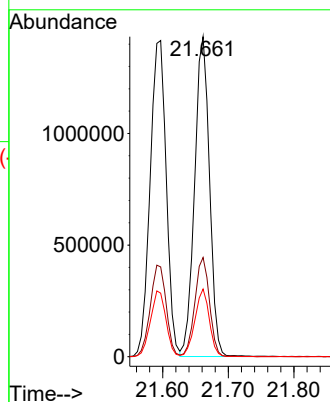
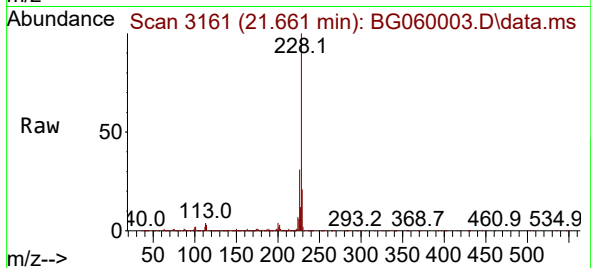
Tgt Ion:228 Resp: 2267021

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 21.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.140 ng

RT: 21.515 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

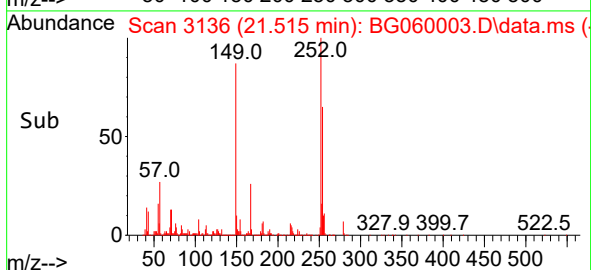
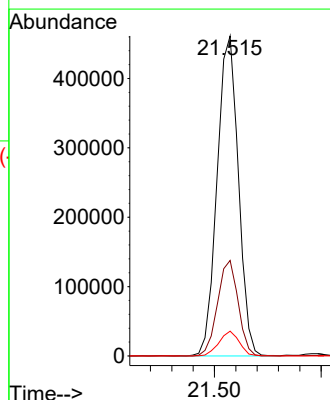
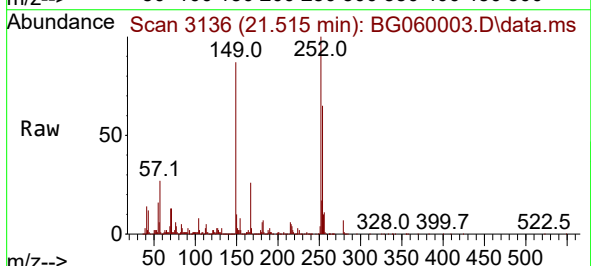
Tgt Ion:149 Resp: 637673

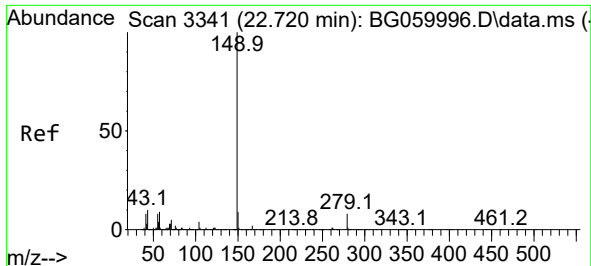
Ion Ratio Lower Upper

149 100

167 29.9 23.0 34.6

279 7.8 6.2 9.2

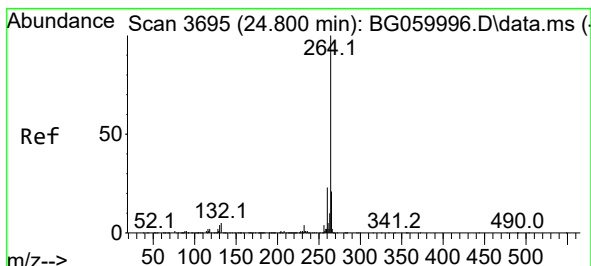
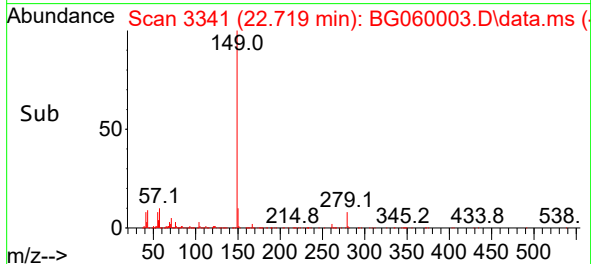
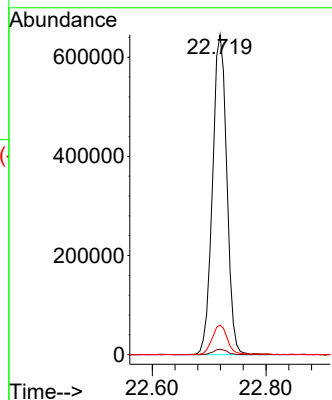
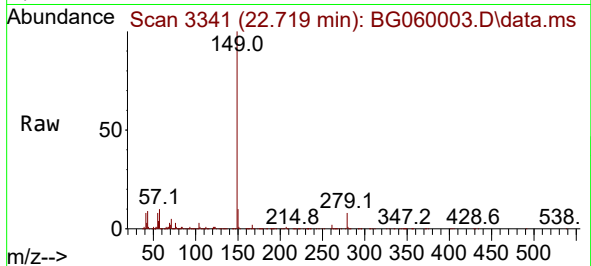




#85
Di-n-octyl phthalate
Concen: 44.900 ng
RT: 22.719 min Scan# 311
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

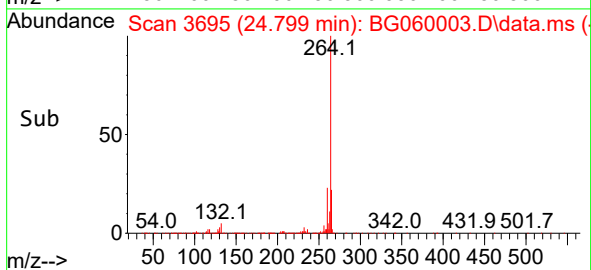
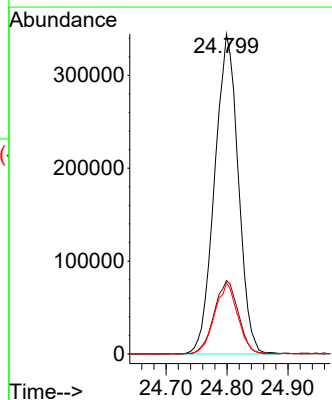
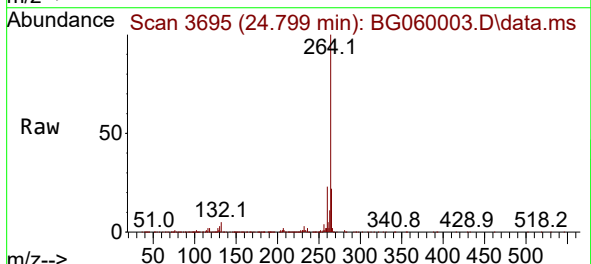
Instrument :
BNA_G
ClientSampleId :
PB157585BS

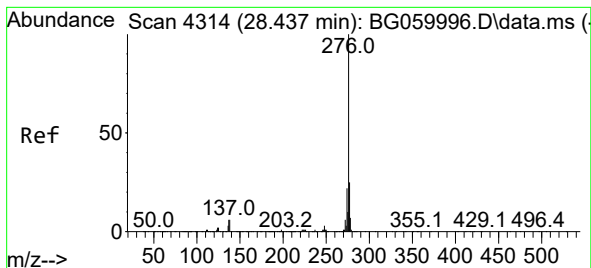
Tgt Ion:149 Resp: 1122022
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.1 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.799 min Scan# 3695
Delta R.T. -0.001 min
Lab File: BG060003.D
Acq: 13 Dec 2023 19:25

Tgt Ion:264 Resp: 927428
Ion Ratio Lower Upper
264 100
260 23.0 18.5 27.7
265 22.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.354 ng

RT: 28.436 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

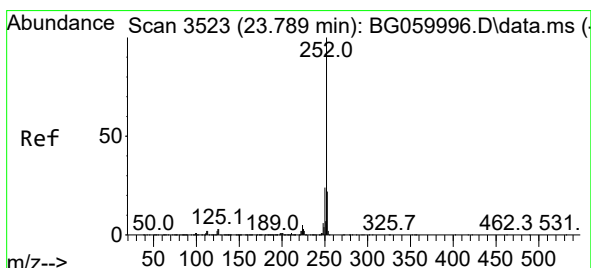
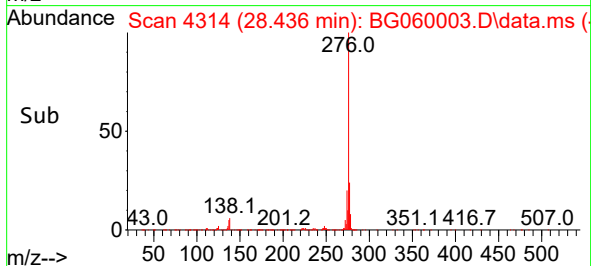
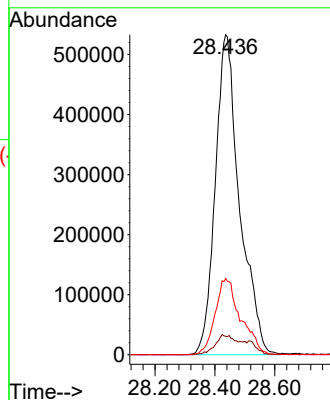
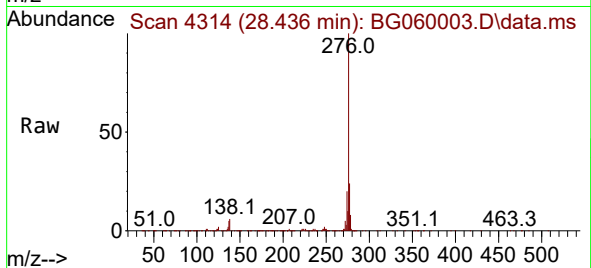
Tgt Ion:276 Resp: 3001903

Ion Ratio Lower Upper

276 100

138 5.5 4.7 7.1

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 43.757 ng

RT: 23.859 min Scan# 3535

Delta R.T. 0.070 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

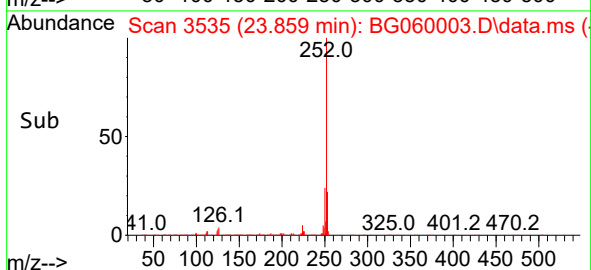
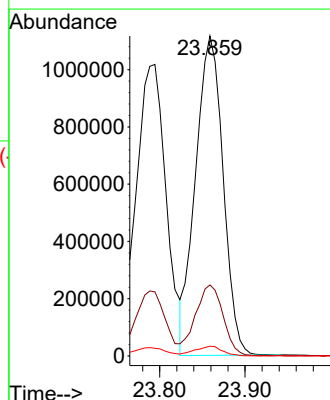
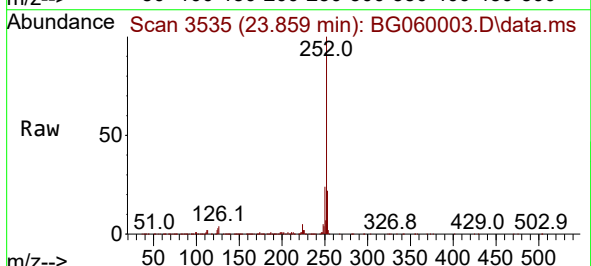
Tgt Ion:252 Resp: 2506310

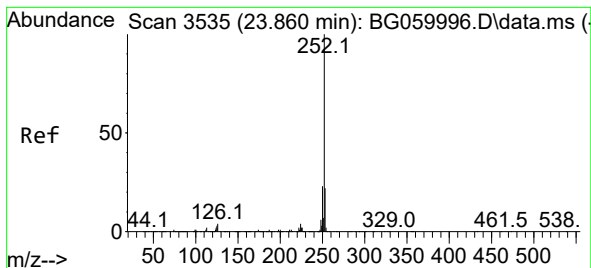
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 3.0 2.6 4.0





#89

Benzo(k)fluoranthene

Concen: 45.112 ng

RT: 23.859 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

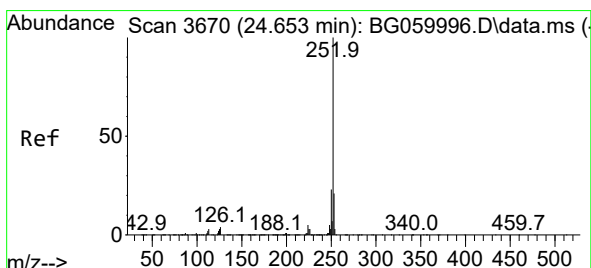
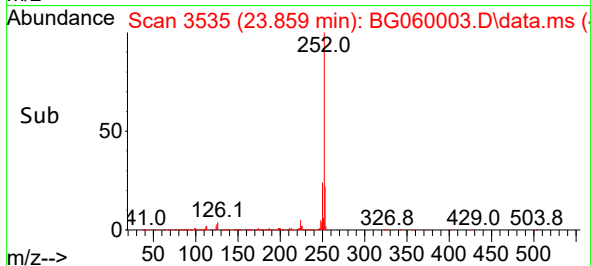
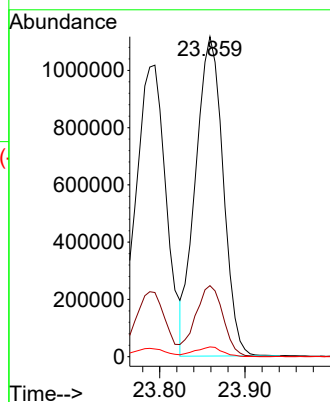
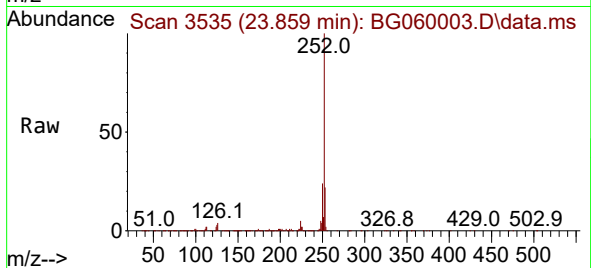
Tgt Ion:252 Resp: 2506310

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 3.0 2.5 3.7



#90

Benzo(a)pyrene

Concen: 43.983 ng

RT: 24.652 min Scan# 3670

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

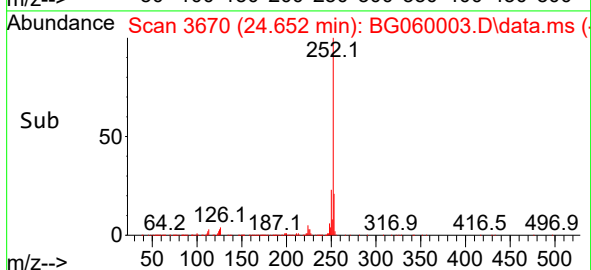
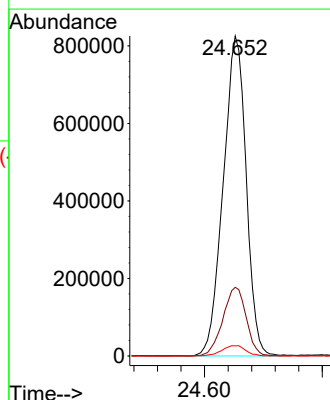
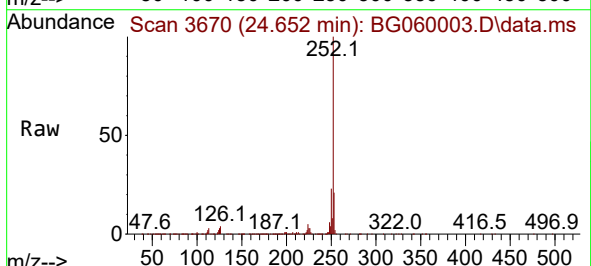
Tgt Ion:252 Resp: 2231964

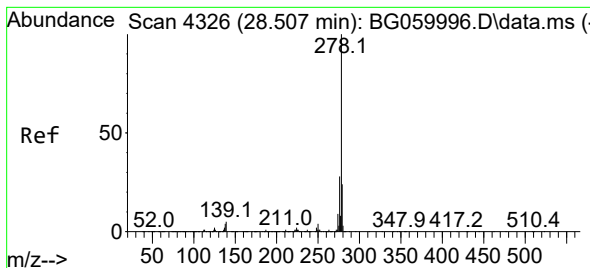
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 3.1 2.6 4.0





#91

Dibenzo(a,h)anthracene

Concen: 46.249 ng

RT: 28.512 min Scan# 41

Delta R.T. 0.005 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Instrument :

BNA_G

ClientSampleId :

PB157585BS

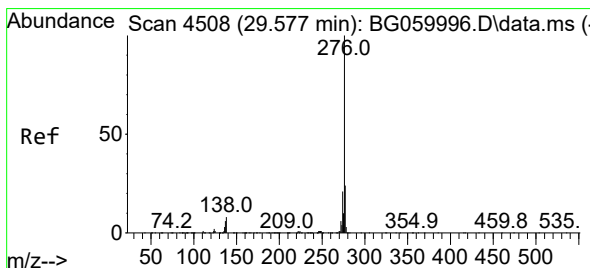
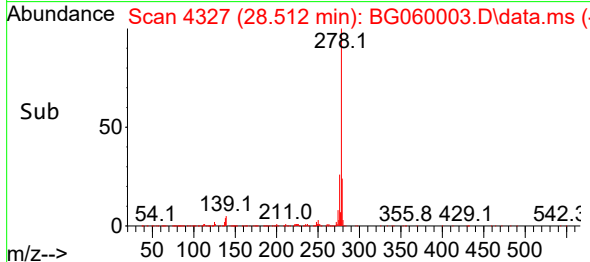
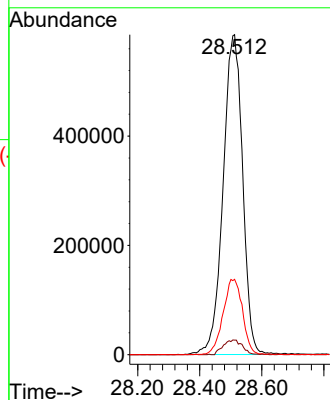
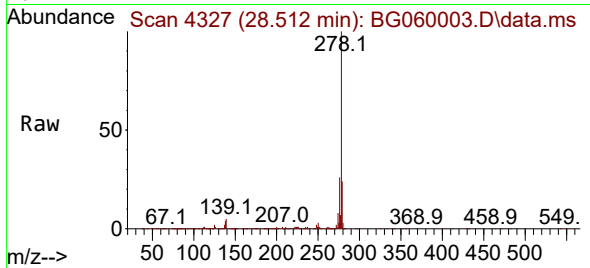
Tgt Ion:278 Resp: 2559731

Ion Ratio Lower Upper

278 100

139 4.5 4.4 6.6

279 23.5 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 44.742 ng

RT: 29.576 min Scan# 4508

Delta R.T. -0.001 min

Lab File: BG060003.D

Acq: 13 Dec 2023 19:25

Tgt Ion:276 Resp: 2463195

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 6.3 6.0 9.0

