

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056253.D
 Acq On : 11 Jan 2023 16:40
 Operator : CG/JU
 Sample : 01064-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4-03MS

Quant Time: Jan 12 04:21:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	43850	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	156975	20.000	ng	# 0.00
39) Acenaphthene-d10	14.928	164	124758	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	338358	20.000	ng	0.00
76) Chrysene-d12	21.961	240	335768	20.000	ng	0.00
86) Perylene-d12	25.398	264	373661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	358181	145.845	ng	0.00
7) Phenol-d6	7.454	99	501452	132.956	ng	0.00
23) Nitrobenzene-d5	9.493	82	259394	84.526	ng	0.00
42) 2,4,6-Tribromophenol	16.409	330	226977	143.653	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	765639	84.746	ng	0.00
79) Terphenyl-d14	20.239	244	1638771	87.415	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.647	88	50557	45.070	ng	# 93
3) Pyridine	4.064	79	134624	39.403	ng	94
4) n-Nitrosodimethylamine	3.970	42	32043	46.105	ng	99
6) Aniline	7.631	93	84602	17.105	ng	99
8) 2-Chlorophenol	7.877	128	129209	52.871	ng	98
9) Benzaldehyde	7.437	77	65753	29.321	ng	95
10) Phenol	7.478	94	193129	50.493	ng	99
11) bis(2-Chloroethyl)ether	7.719	93	119925	46.267	ng	97
12) 1,3-Dichlorobenzene	8.206	146	150879	50.727	ng	96
13) 1,4-Dichlorobenzene	8.353	146	149223	49.961	ng	98
14) 1,2-Dichlorobenzene	8.676	146	143408	49.761	ng	98
15) Benzyl Alcohol	8.547	79	123301	44.920	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.829	45	23396	51.078	ng	92
17) 2-Methylphenol	8.747	107	129518	46.148	ng	98
18) Hexachloroethane	9.417	117	45024	49.621	ng	94
19) n-Nitroso-di-n-propyla...	9.117	70	92642	40.394	ng	99
20) 3+4-Methylphenols	9.076	107	176115	44.632	ng	98
22) Acetophenone	9.141	105	204185	46.003	ng	# 99
24) Nitrobenzene	9.534	77	142003	46.693	ng	99
25) Isophorone	10.051	82	276589	42.836	ng	97
26) 2-Nitrophenol	10.251	139	77862	50.039	ng	97
27) 2,4-Dimethylphenol	10.292	122	140130	49.375	ng	99
28) bis(2-Chloroethoxy)met...	10.527	93	159380	47.492	ng	99
29) 2,4-Dichlorophenol	10.786	162	162571	51.813	ng	99
30) 1,2,4-Trichlorobenzene	11.003	180	175338	49.243	ng	96
31) Naphthalene	11.197	128	386017	46.726	ng	98
32) Benzoic acid	10.416	122	86684	41.165	ng	94
33) 4-Chloroaniline	11.297	127	40117	10.171	ng	93
34) Hexachlorobutadiene	11.473	225	123410	48.190	ng	96
35) Caprolactam	12.067	113	34678	32.644	ng	92
36) 4-Chloro-3-methylphenol	12.390	107	154012	48.373	ng	95
37) 2-Methylnaphthalene	12.783	142	302075	43.305	ng	100
38) 1-Methylnaphthalene	12.995	142	278441	42.985	ng	96
40) 1,2,4,5-Tetrachloroben...	13.142	216	233712	49.982	ng	99
41) Hexachlorocyclopentadiene	13.118	237	296911	111.376	ng	96
43) 2,4,6-Trichlorophenol	13.371	196	158751	51.344	ng	99

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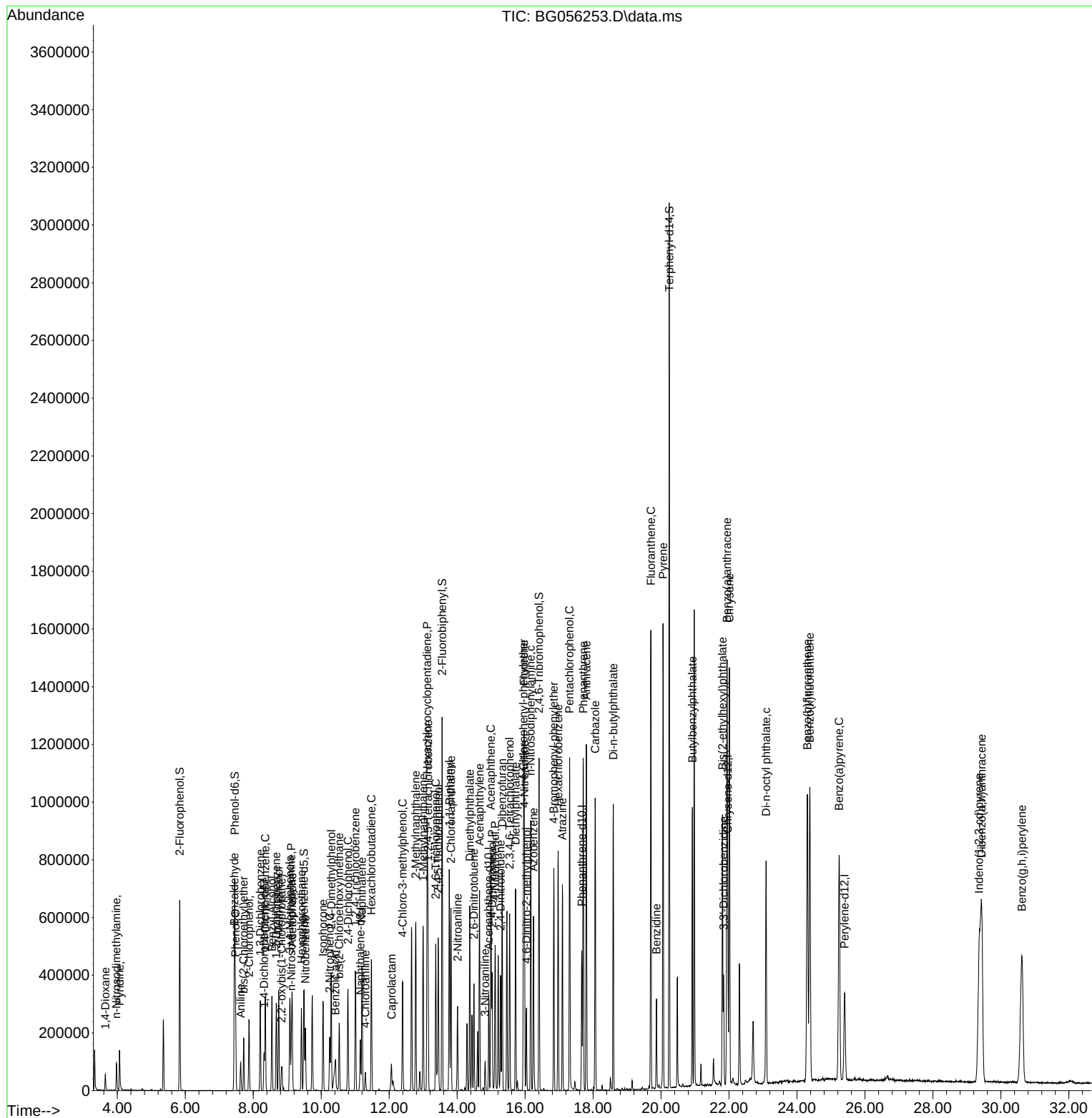
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.441	196	178308	48.751	ng	97
46) 1,1'-Biphenyl	13.770	154	443869	49.679	ng	99
47) 2-Chloronaphthalene	13.817	162	355055	50.346	ng	97
48) 2-Nitroaniline	14.011	65	74982	49.902	ng	98
49) Acenaphthylene	14.658	152	551452	48.051	ng	99
50) Dimethylphthalate	14.370	163	463497	46.022	ng	97
51) 2,6-Dinitrotoluene	14.493	165	105468	49.146	ng	96
52) Acenaphthene	14.993	154	405368	54.309	ng	99
53) 3-Nitroaniline	14.822	138	33737	16.519	ng #	94
54) 2,4-Dinitrophenol	15.028	184	143802	93.800	ng	95
55) Dibenzofuran	15.327	168	587651	47.576	ng	98
56) 4-Nitrophenol	15.116	139	160100	101.925	ng	95
57) 2,4-Dinitrotoluene	15.275	165	146827	48.923	ng	97
58) Fluorene	15.968	166	470601	47.369	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.545	232	174963	50.947	ng	97
60) Diethylphthalate	15.721	149	436029	46.166	ng	98
61) 4-Chlorophenyl-phenyle...	15.950	204	292516	47.181	ng	98
62) 4-Nitroaniline	15.980	138	96498	46.125	ng	95
63) Azobenzene	16.244	77	362278	49.706	ng	97
65) 4,6-Dinitro-2-methylph...	16.038	198	105772	46.398	ng	94
66) n-Nitrosodiphenylamine	16.162	169	440006	46.870	ng	95
67) 4-Bromophenyl-phenylether	16.843	248	199909	46.397	ng	95
68) Hexachlorobenzene	16.973	284	201772	50.194	ng	98
69) Atrazine	17.096	200	194558	50.006	ng	97
70) Pentachlorophenol	17.307	266	269424	87.250	ng	97
71) Phenanthrene	17.707	178	837434	47.758	ng	99
72) Anthracene	17.801	178	855415	47.291	ng	99
73) Carbazole	18.060	167	751286	49.412	ng	99
74) Di-n-butylphthalate	18.594	149	756090	49.885	ng	100
75) Fluoranthene	19.699	202	1094655	47.859	ng	100
77) Benzidine	19.863	184	207996	17.677	ng	99
78) Pyrene	20.057	202	1105457	46.710	ng	99
80) Butylbenzylphthalate	20.921	149	328755	48.420	ng	97
81) Benzo(a)anthracene	21.937	228	1118702	47.436	ng	99
82) 3,3'-Dichlorobenzidine	21.837	252	165038	19.440	ng	96
83) Chrysene	22.008	228	1038855	47.027	ng	99
84) Bis(2-ethylhexyl)phtha...	21.808	149	476563	48.719	ng	99
85) Di-n-octyl phthalate	23.089	149	812108	49.178	ng	100
87) Indeno(1,2,3-cd)pyrene	29.358	276	1362188	50.126	ng #	99
88) Benzo(b)fluoranthene	24.305	252	1211278	51.020	ng	99
89) Benzo(k)fluoranthene	24.376	252	1144457	48.409	ng	100
90) Benzo(a)pyrene	25.239	252	1049955	45.343	ng #	99
91) Dibenzo(a,h)anthracene	29.429	278	1135880	49.855	ng	99
92) Benzo(g,h,i)perylene	30.615	276	1111379	50.302	ng	98

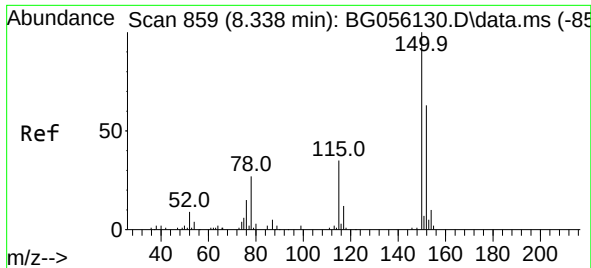
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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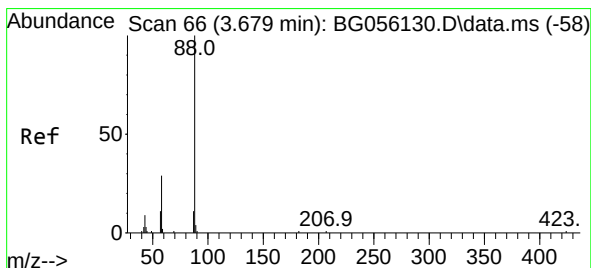
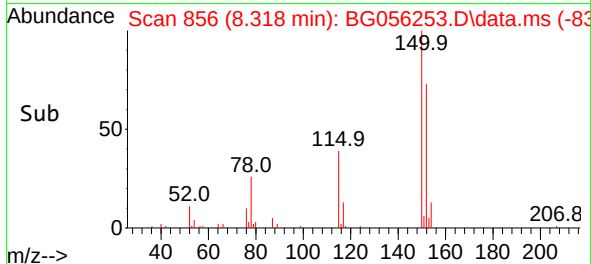
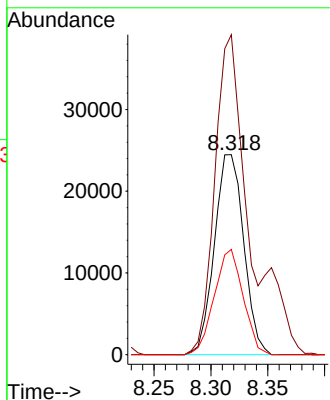
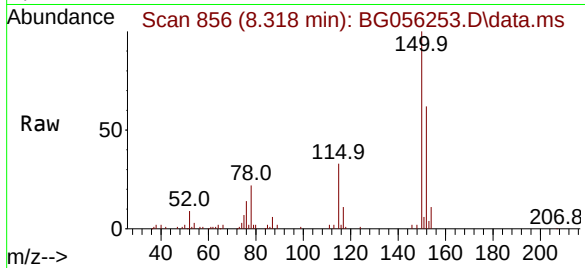




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.318 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BG056253.D
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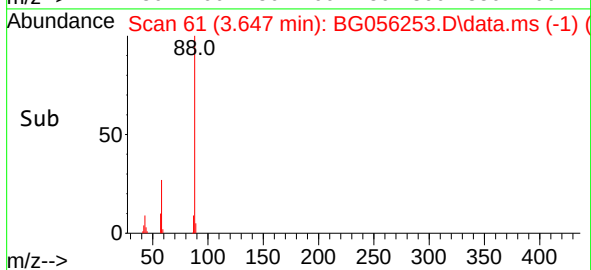
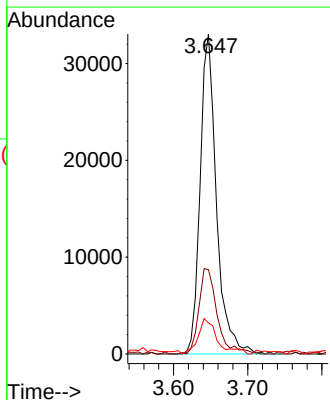
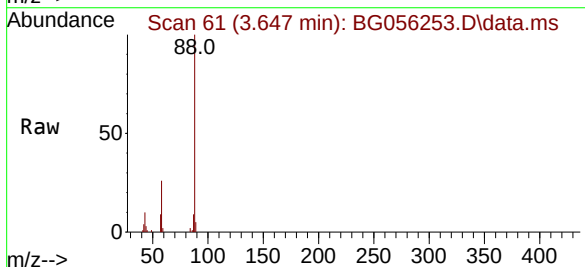
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 BNA_G
 ClientSampleId :
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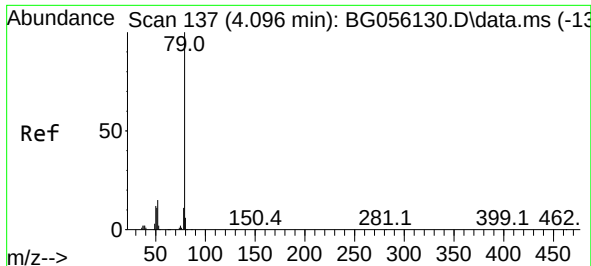
Tgt Ion:152 Resp: 43850
 Ion Ratio Lower Upper
 152 100
 150 160.0 127.9 191.9
 115 52.7 44.2 66.2



#2
 1,4-Dioxane
 Concen: 45.070 ng
 RT: 3.647 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

Tgt Ion: 88 Resp: 50557
 Ion Ratio Lower Upper
 88 100
 58 29.9 21.4 32.0
 43 12.9 7.1 10.7#

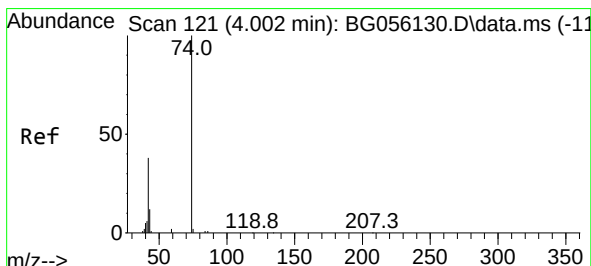
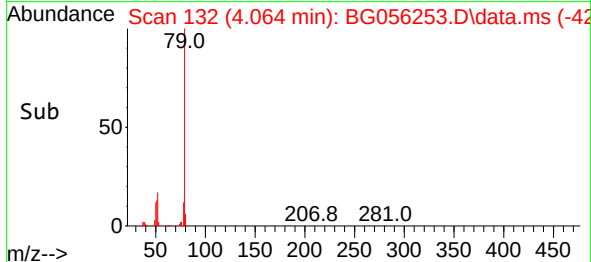
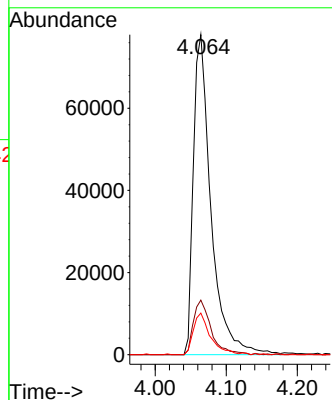
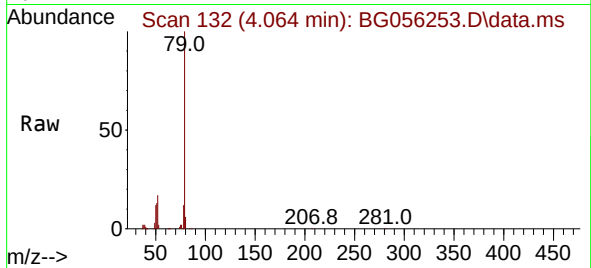




#3
 Pyridine
 Concen: 39.403 ng
 RT: 4.064 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

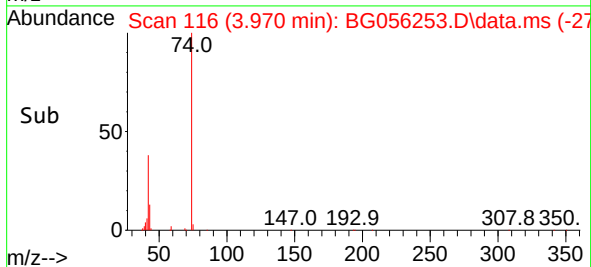
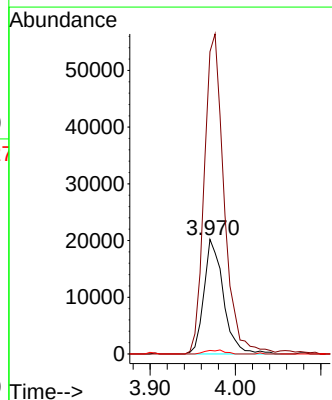
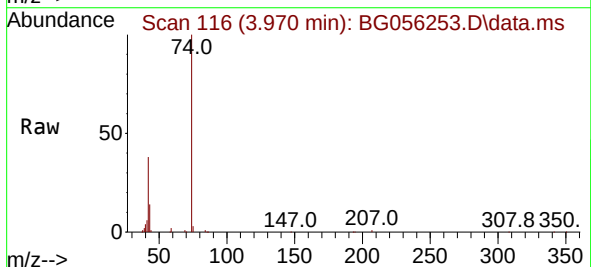
Instrument :
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 ClientSampleId :
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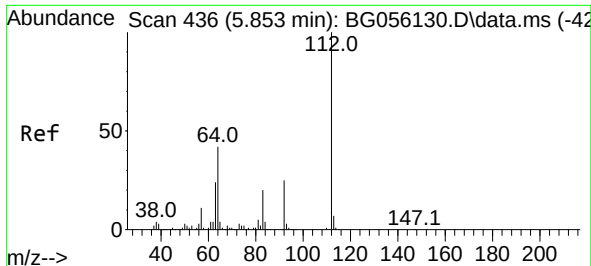
Tgt Ion: 79 Resp: 134624
 Ion Ratio Lower Upper
 79 100
 52 17.0 11.8 17.6
 51 13.0 8.8 13.2



#4
 n-Nitrosodimethylamine
 Concen: 46.105 ng
 RT: 3.970 min Scan# 116
 Delta R.T. -0.005 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

Tgt Ion: 42 Resp: 32043
 Ion Ratio Lower Upper
 42 100
 74 263.8 212.6 319.0
 44 3.1 2.6 3.8

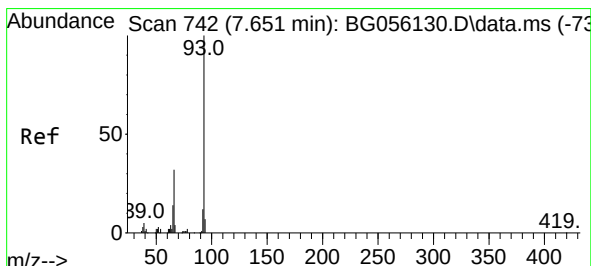
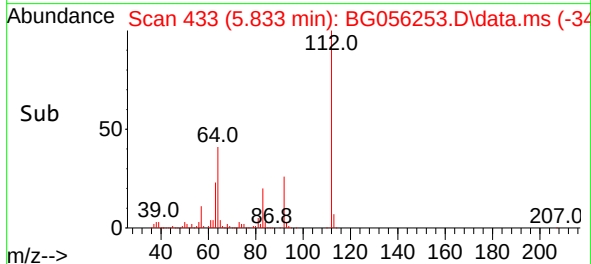
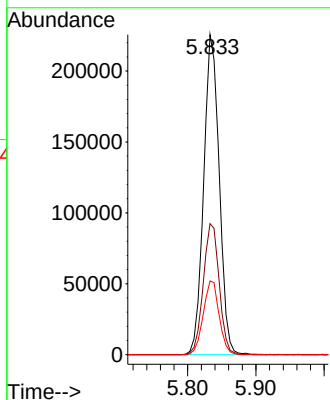
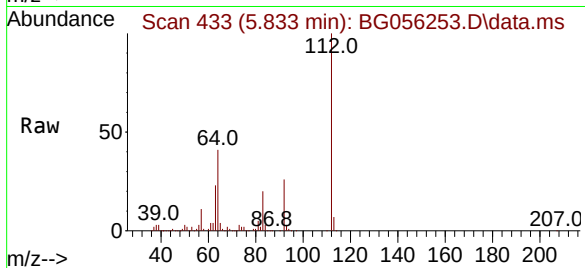




#5
2-Fluorophenol
Concen: 145.845 ng
RT: 5.833 min Scan# 411
Delta R.T. 0.007 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

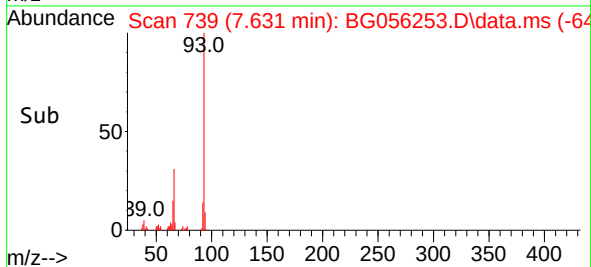
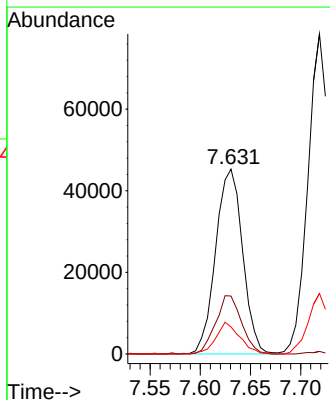
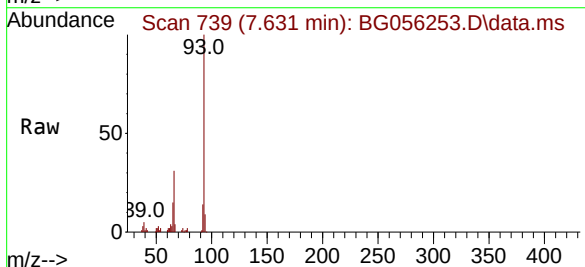
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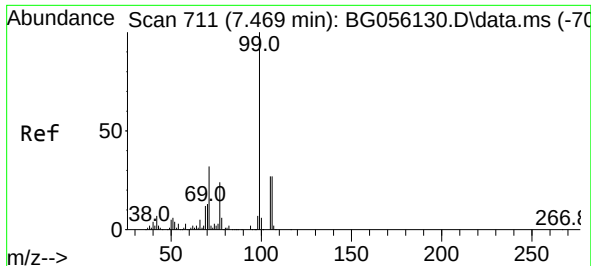
Tgt Ion:112 Resp: 358181
Ion Ratio Lower Upper
112 100
64 40.9 33.3 49.9
63 23.0 19.0 28.4



#6
Aniline
Concen: 17.105 ng
RT: 7.631 min Scan# 739
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion: 93 Resp: 84602
Ion Ratio Lower Upper
93 100
66 31.3 25.4 38.2
65 14.7 11.4 17.2

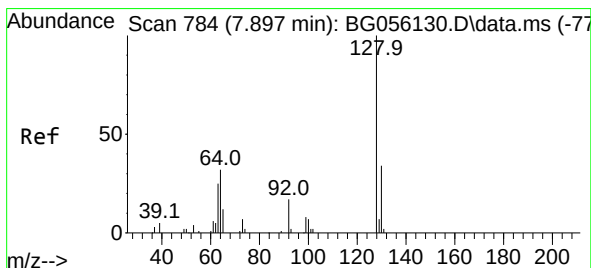
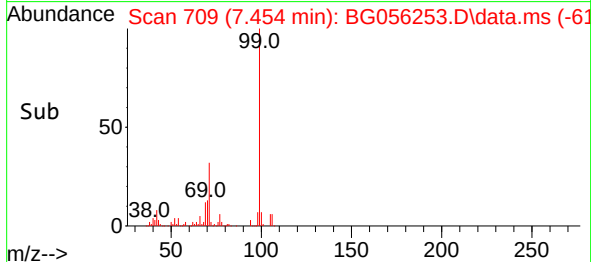
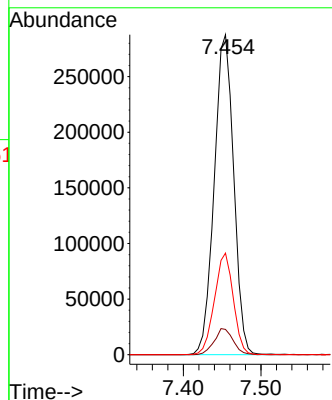
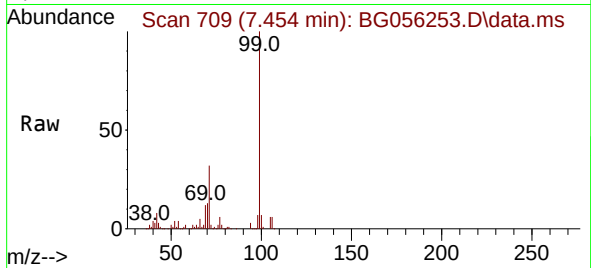




#7
Phenol-d6
Concen: 132.956 ng
RT: 7.454 min Scan# 709
Delta R.T. 0.007 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

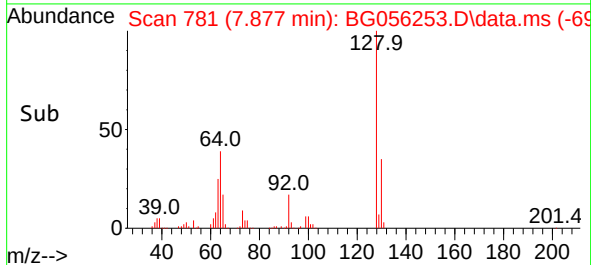
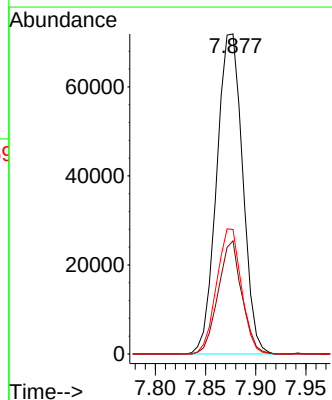
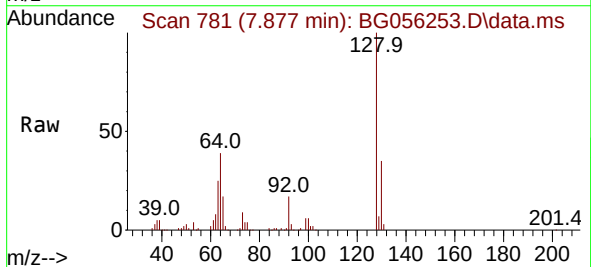
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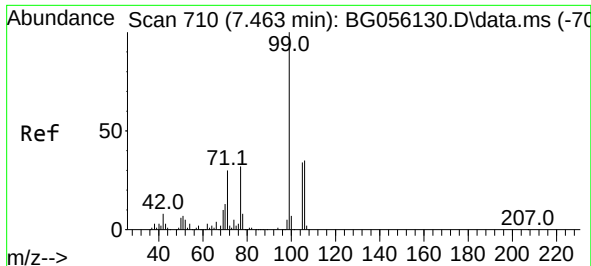
Tgt Ion: 99 Resp: 501452
Ion Ratio Lower Upper
99 100
42 7.9 5.9 8.9
71 31.8 25.4 38.2



#8
2-Chlorophenol
Concen: 52.871 ng
RT: 7.877 min Scan# 781
Delta R.T. 0.007 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:128 Resp: 129209
Ion Ratio Lower Upper
128 100
130 35.4 13.5 53.5
64 38.9 18.0 58.0

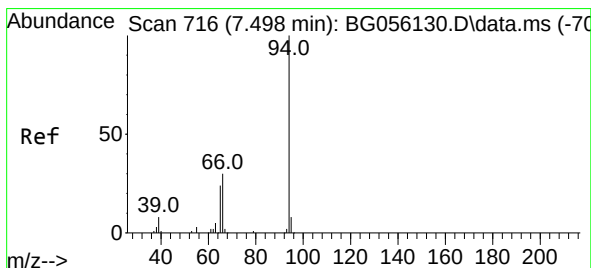
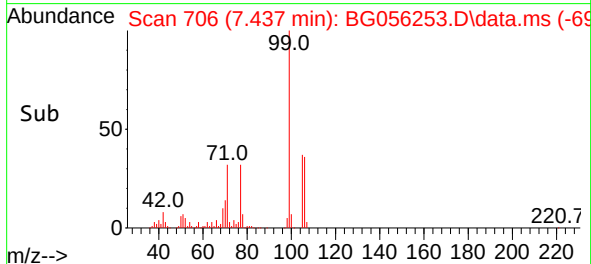
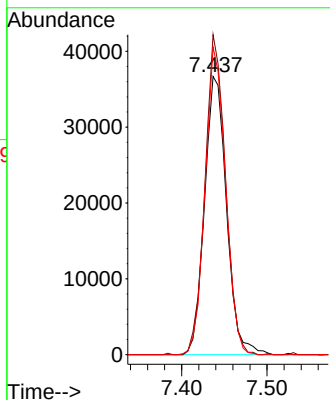
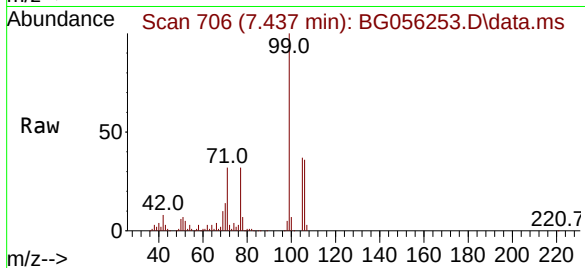




#9
Benzaldehyde
Concen: 29.321 ng
RT: 7.437 min Scan# 706
Delta R.T. -0.005 min
Lab File: BG056253.D
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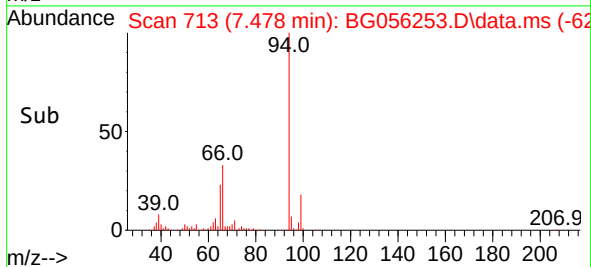
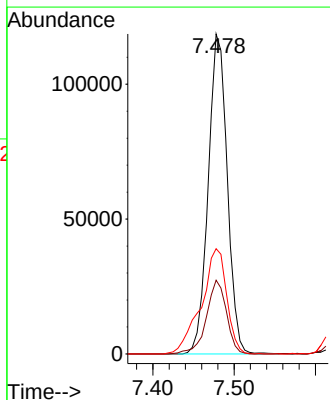
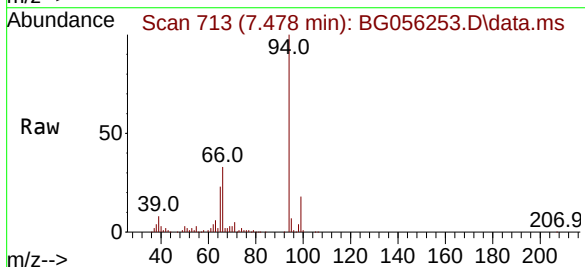
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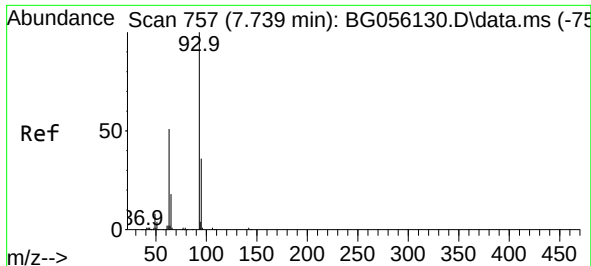
Tgt Ion: 77 Resp: 65753
Ion Ratio Lower Upper
77 100
105 115.0 86.8 126.8
106 110.6 89.3 129.3



#10
Phenol
Concen: 50.493 ng
RT: 7.478 min Scan# 713
Delta R.T. 0.001 min
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Tgt Ion: 94 Resp: 193129
Ion Ratio Lower Upper
94 100
65 23.1 4.3 44.3
66 32.9 13.2 53.2

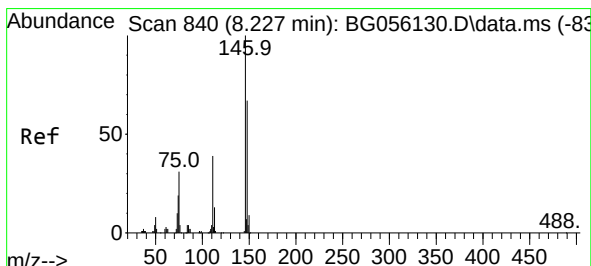
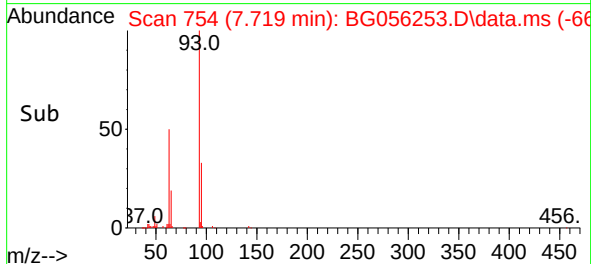
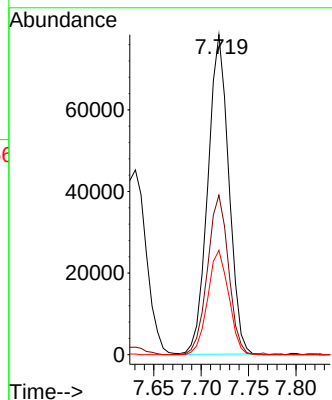
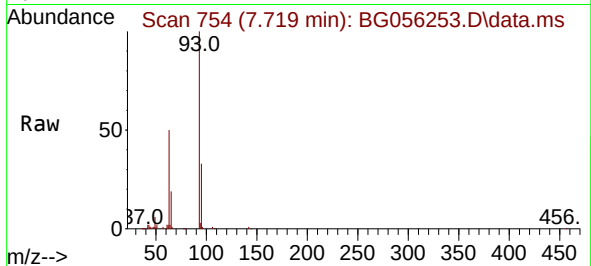




#11
bis(2-Chloroethyl)ether
Concen: 46.267 ng
RT: 7.719 min Scan# 71
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

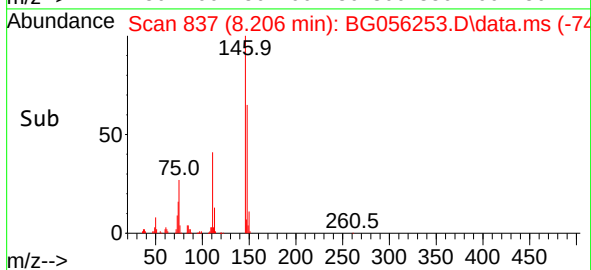
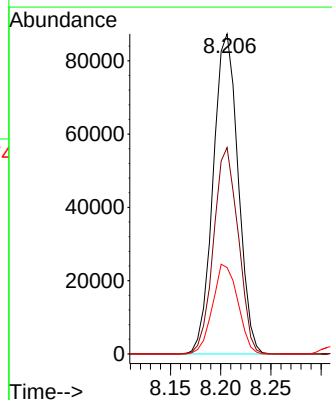
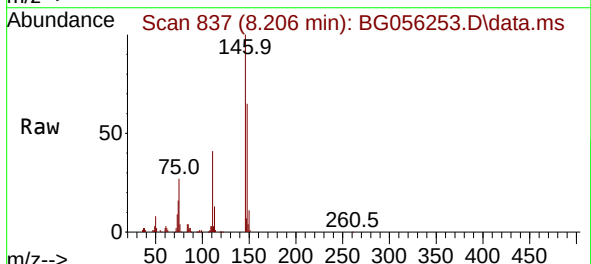
Instrument :
BNA_G
ClientSampleId :
S4-03MS

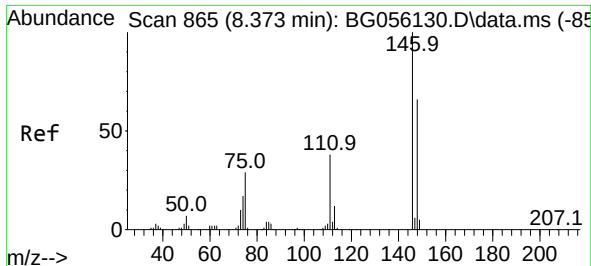
Tgt Ion: 93 Resp: 119925
Ion Ratio Lower Upper
93 100
63 49.9 30.5 70.5
95 32.6 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 50.727 ng
RT: 8.206 min Scan# 837
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:146 Resp: 150879
Ion Ratio Lower Upper
146 100
148 64.5 53.5 80.3
75 27.0 24.8 37.2

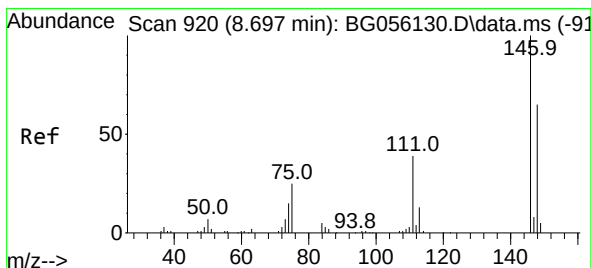
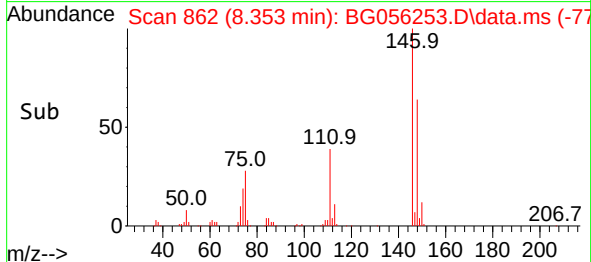
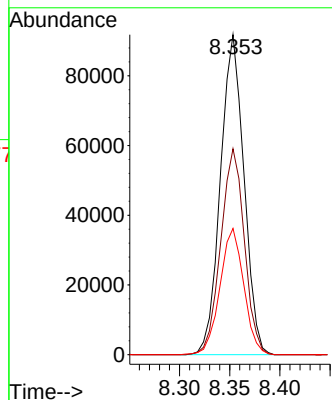
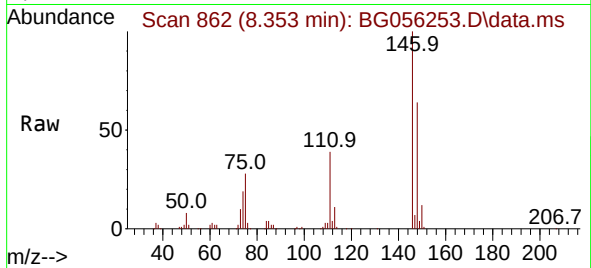




#13
1,4-Dichlorobenzene
Concen: 49.961 ng
RT: 8.353 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

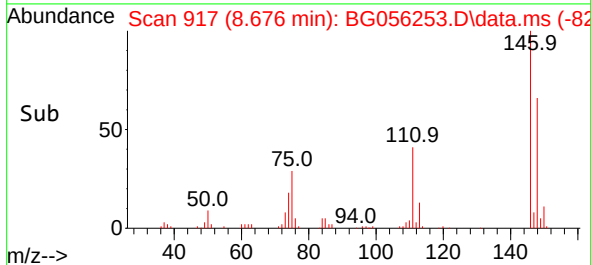
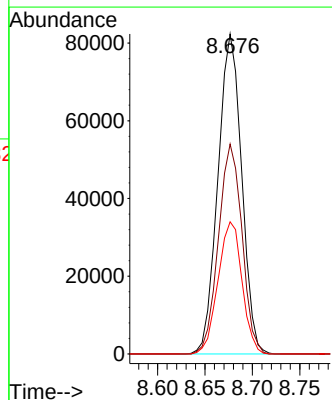
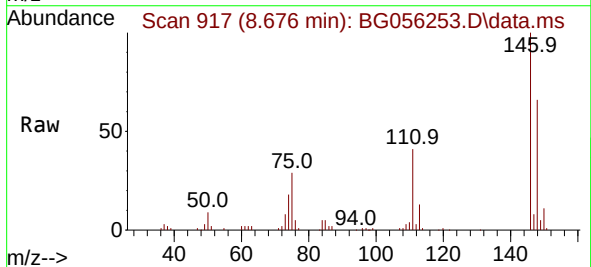
Instrument :
BNA_G
ClientSampleId :
S4-03MS

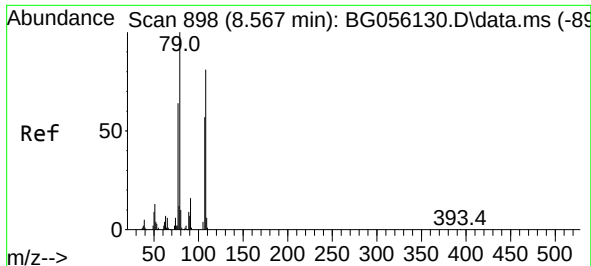
Tgt Ion:146 Resp: 149223
Ion Ratio Lower Upper
146 100
148 64.4 52.8 79.2
111 39.4 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 49.761 ng
RT: 8.676 min Scan# 917
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:146 Resp: 143408
Ion Ratio Lower Upper
146 100
148 65.6 51.7 77.5
111 41.3 31.5 47.3

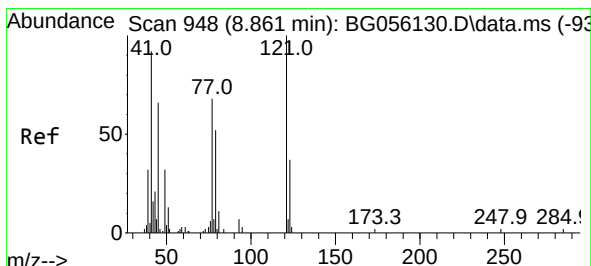
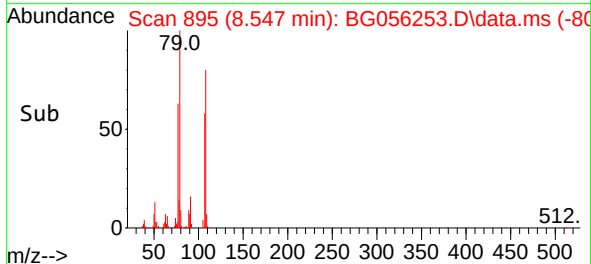
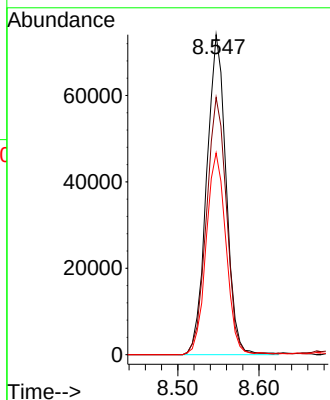
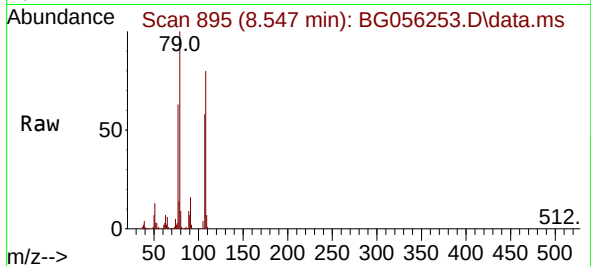




#15
Benzyl Alcohol
Concen: 44.920 ng
RT: 8.547 min Scan# 898
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

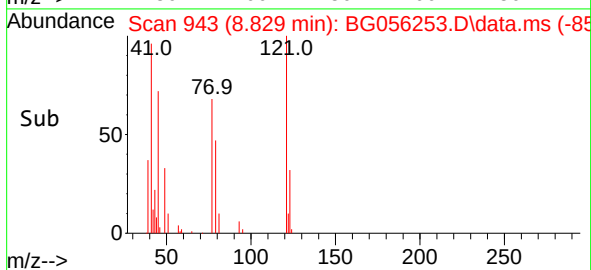
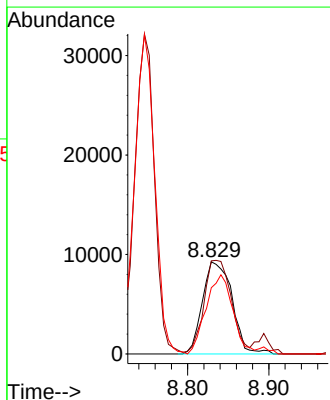
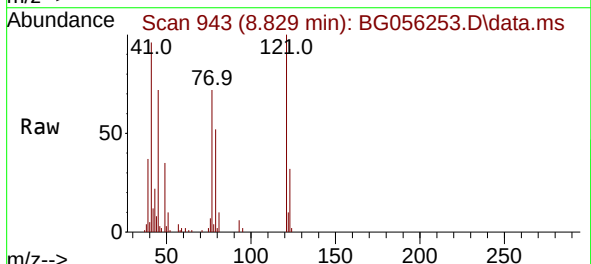
Instrument :
BNA_G
ClientSampleId :
S4-03MS

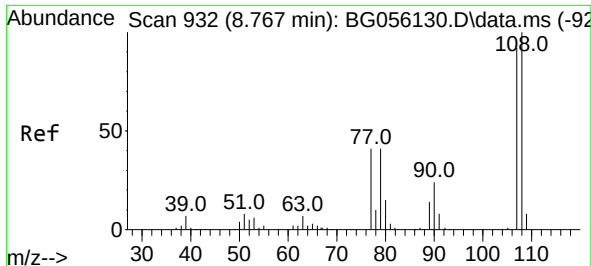
Tgt Ion: 79 Resp: 123301
Ion Ratio Lower Upper
79 100
108 80.4 64.7 97.1
77 63.1 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.078 ng
RT: 8.829 min Scan# 943
Delta R.T. -0.010 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion: 45 Resp: 23396
Ion Ratio Lower Upper
45 100
77 101.0 88.2 128.2
79 72.0 61.2 101.2

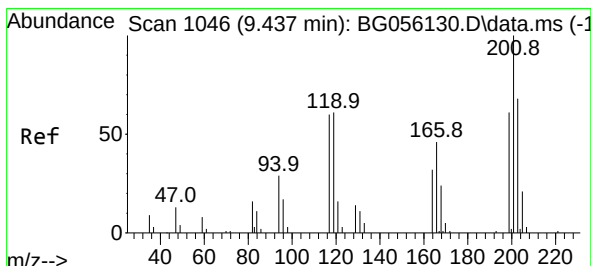
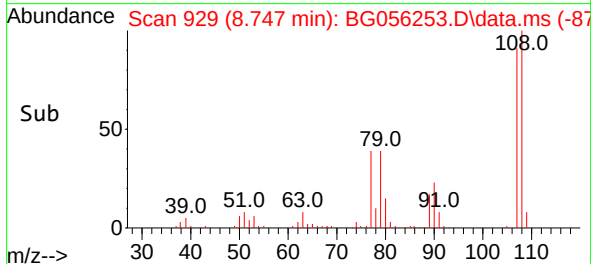
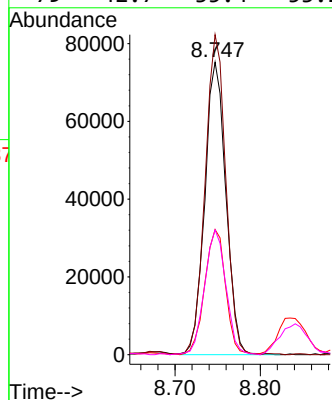
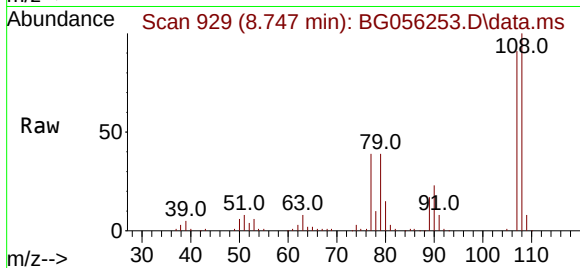




#17
2-Methylphenol
Concen: 46.148 ng
RT: 8.747 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

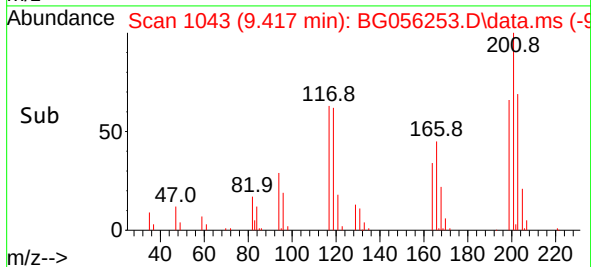
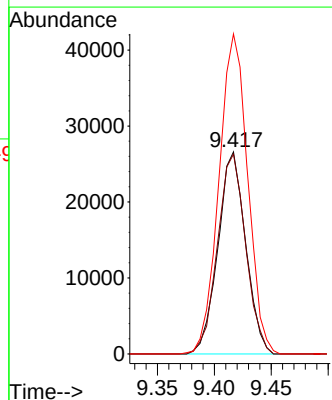
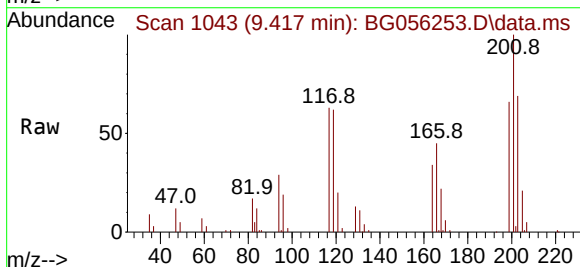
Instrument :
BNA_G
ClientSampleId :
S4-03MS

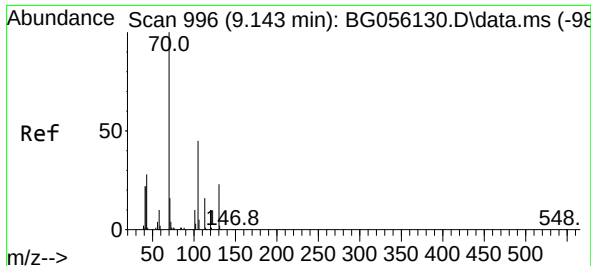
Tgt Ion:	107	Resp:	129518
Ion	Ratio	Lower	Upper
107	100		
108	109.4	86.6	129.8
77	42.8	35.4	53.2
79	42.7	35.4	53.2



#18
Hexachloroethane
Concen: 49.621 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:	117	Resp:	45024
Ion	Ratio	Lower	Upper
117	100		
119	98.9	81.8	122.6
201	158.3	134.2	201.2

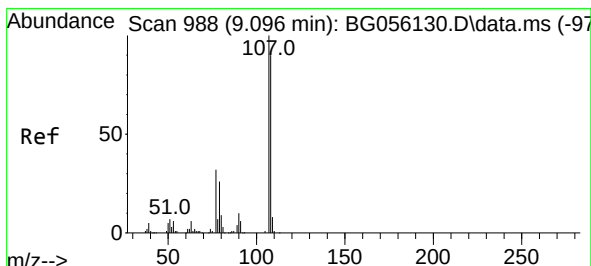
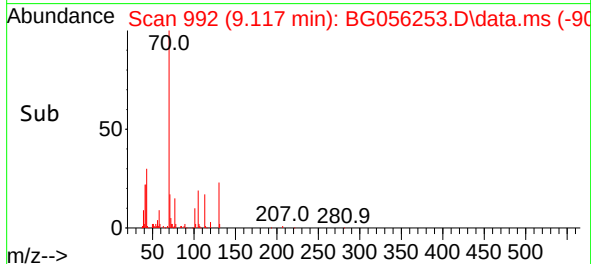
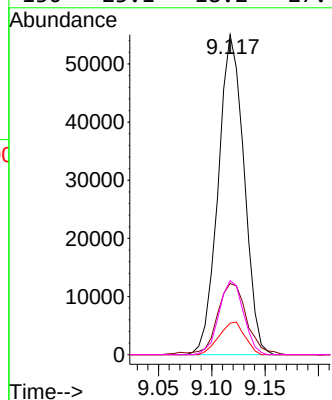
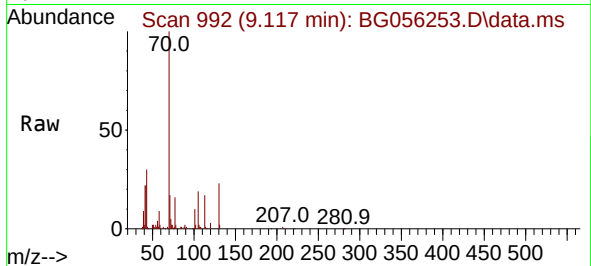




#19
n-Nitroso-di-n-propylamine
Concen: 40.394 ng
RT: 9.117 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

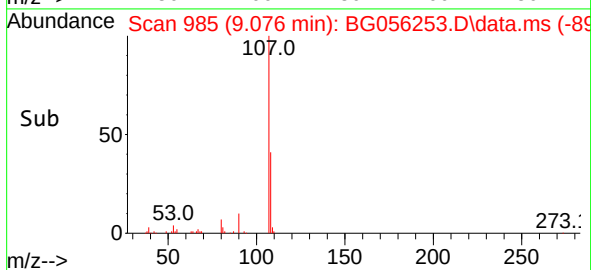
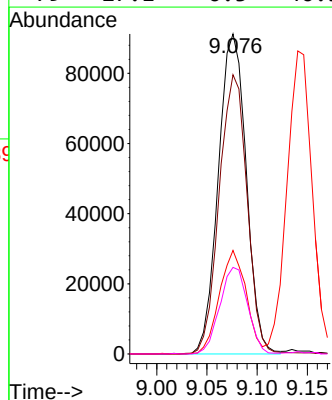
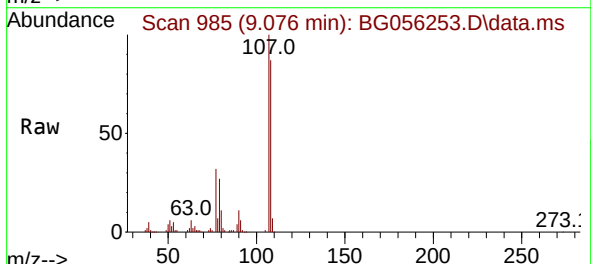
Instrument :
BNA_G
ClientSampleId :
S4-03MS

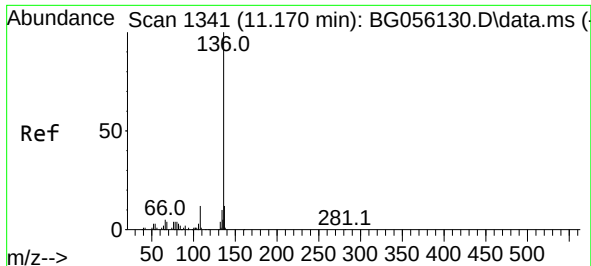
Tgt Ion: 70 Resp: 92642
Ion Ratio Lower Upper
70 100
42 22.2 18.2 27.2
101 9.9 8.3 12.5
130 23.1 18.2 27.4



#20
3+4-Methylphenols
Concen: 44.632 ng
RT: 9.076 min Scan# 985
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion: 107 Resp: 176115
Ion Ratio Lower Upper
107 100
108 87.3 69.6 109.6
77 32.3 11.7 51.7
79 27.1 6.3 46.3

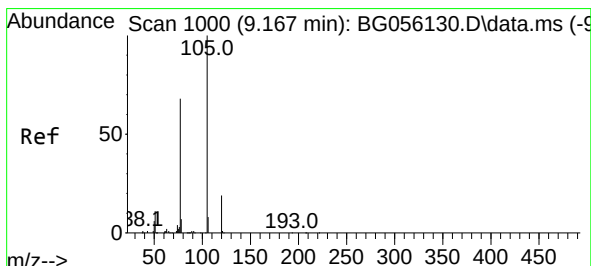
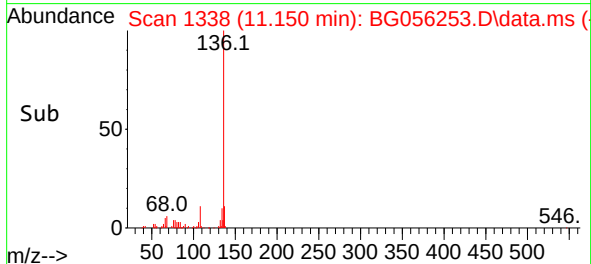
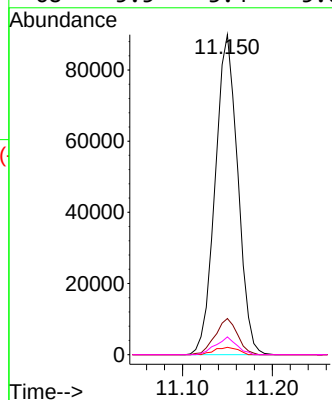
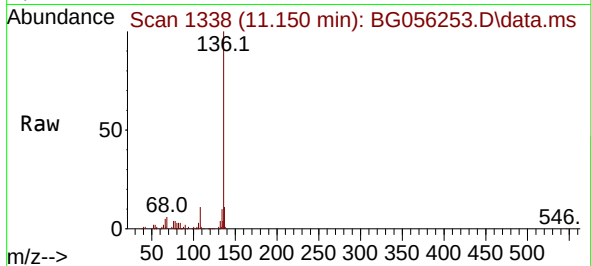




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 111
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

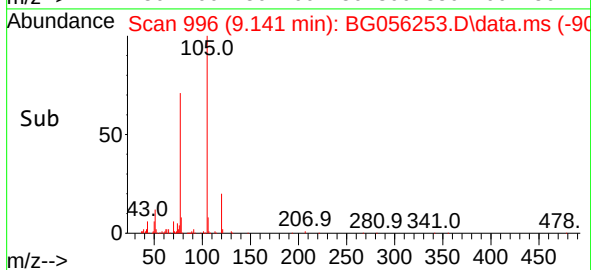
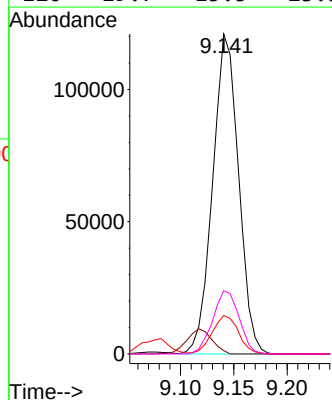
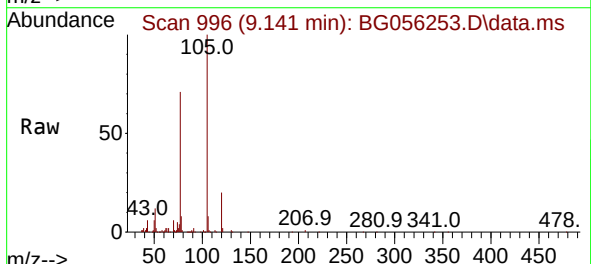
Instrument :
BNA_G
ClientSampleId :
S4-03MS

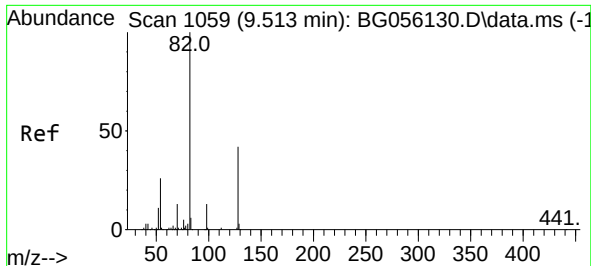
Tgt Ion:136 Resp: 156975
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.3 2.2 3.2
68 5.5 3.4 5.0#



#22
Acetophenone
Concen: 46.003 ng
RT: 9.141 min Scan# 996
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:105 Resp: 204185
Ion Ratio Lower Upper
105 100
71 1.0 0.5 0.7#
51 12.0 9.3 13.9
120 19.7 15.5 23.3

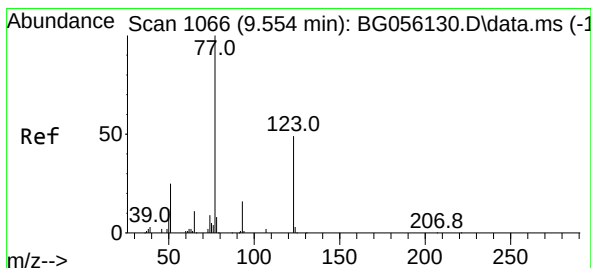
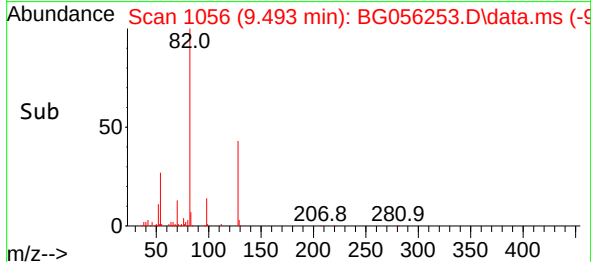
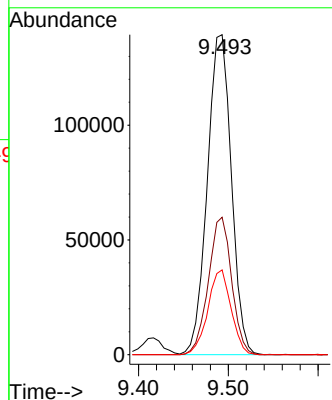
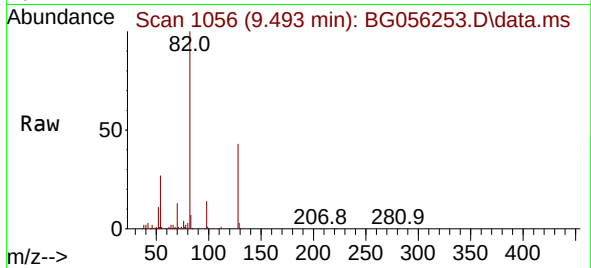




#23
Nitrobenzene-d5
Concen: 84.526 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

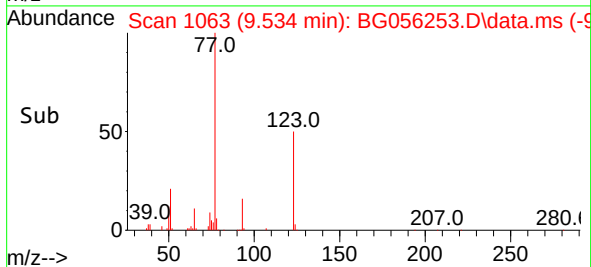
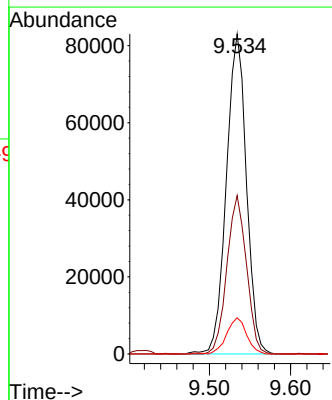
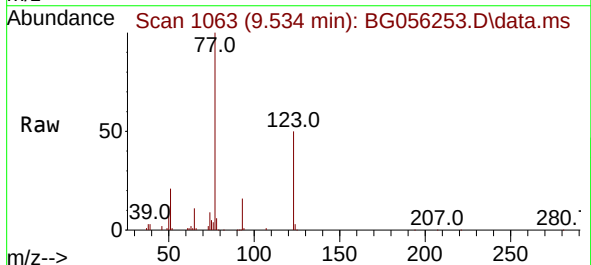
Instrument :
BNA_G
ClientSampleId :
S4-03MS

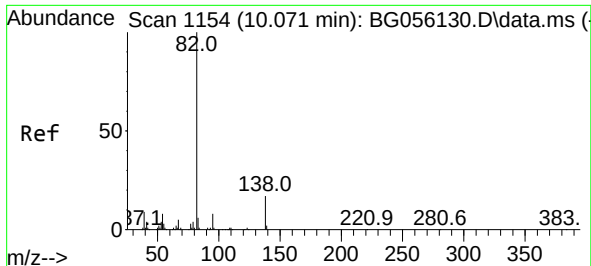
Tgt Ion: 82 Resp: 259394
Ion Ratio Lower Upper
82 100
128 42.9 33.4 50.2
54 26.5 20.3 30.5



#24
Nitrobenzene
Concen: 46.693 ng
RT: 9.534 min Scan# 1063
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion: 77 Resp: 142003
Ion Ratio Lower Upper
77 100
123 49.5 38.8 58.2
65 11.3 9.1 13.7

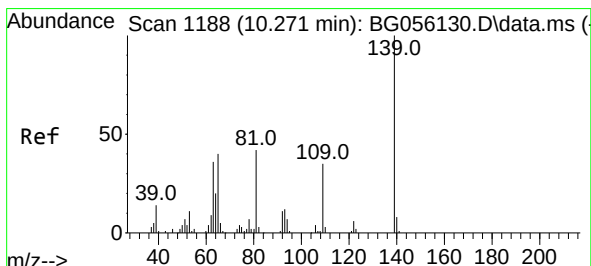
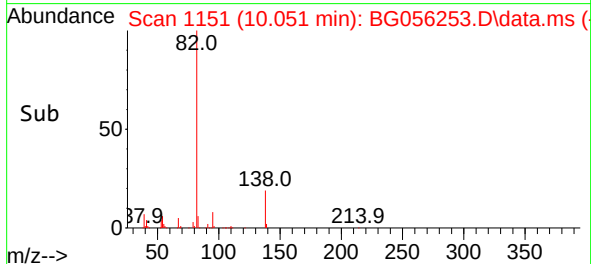
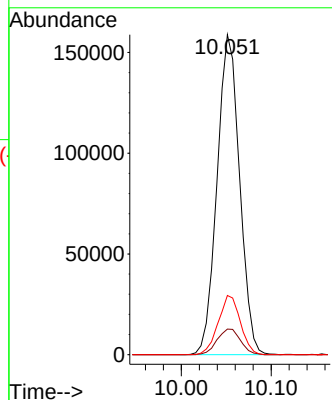
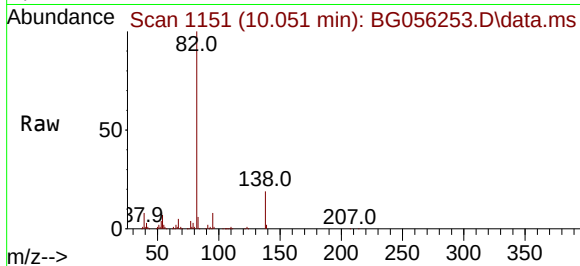




#25
Isophorone
Concen: 42.836 ng
RT: 10.051 min Scan# 1151
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

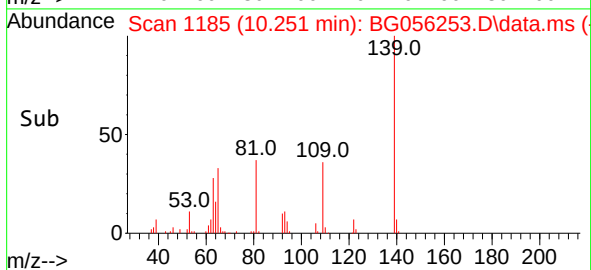
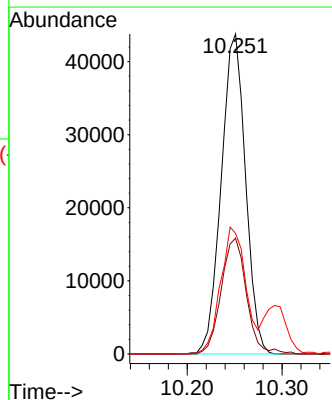
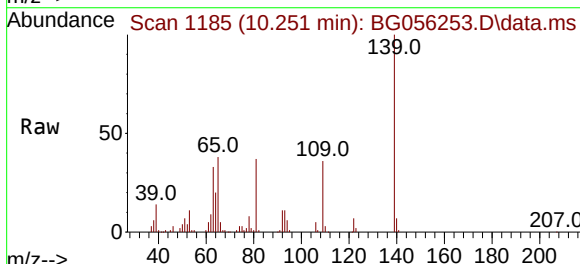
Instrument :
BNA_G
ClientSampleId :
S4-03MS

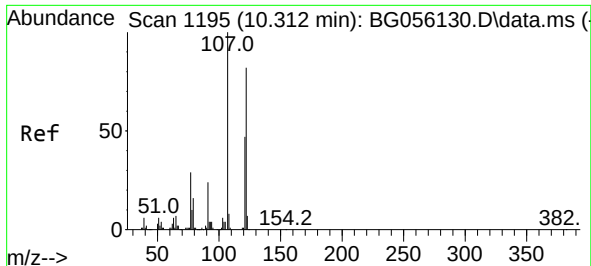
Tgt Ion: 82 Resp: 276589
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 18.5 13.7 20.5



#26
2-Nitrophenol
Concen: 50.039 ng
RT: 10.251 min Scan# 1185
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:139 Resp: 77862
Ion Ratio Lower Upper
139 100
109 36.2 28.4 42.6
65 37.7 32.1 48.1

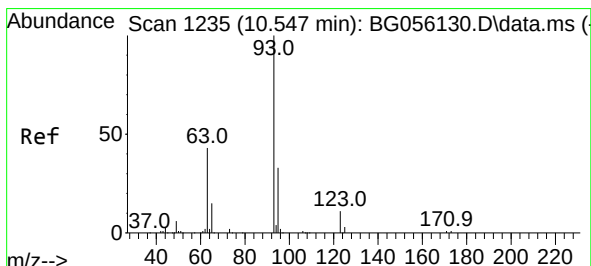
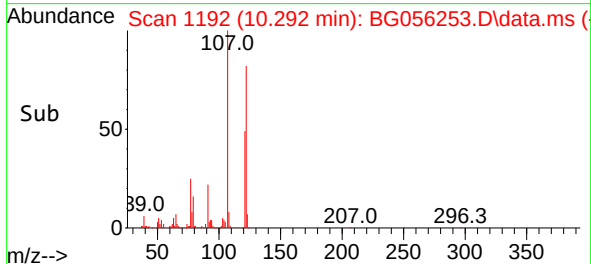
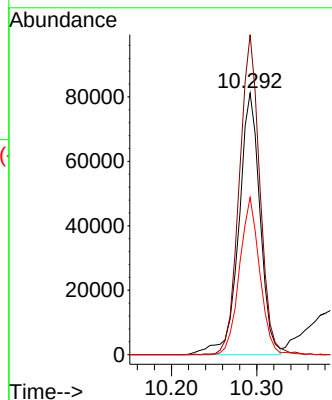
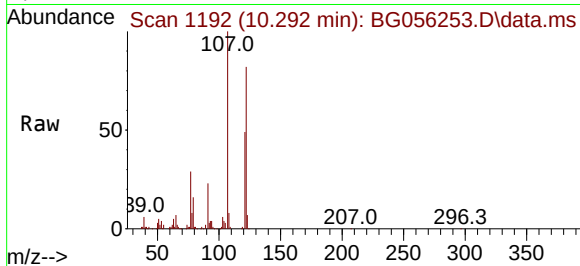




#27
2,4-Dimethylphenol
Concen: 49.375 ng
RT: 10.292 min Scan# 1195
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

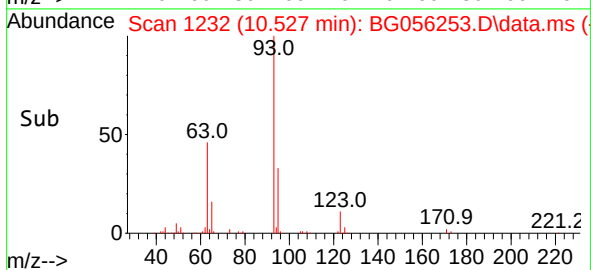
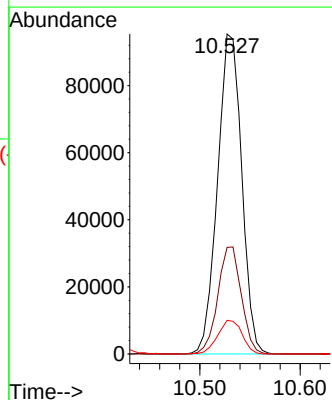
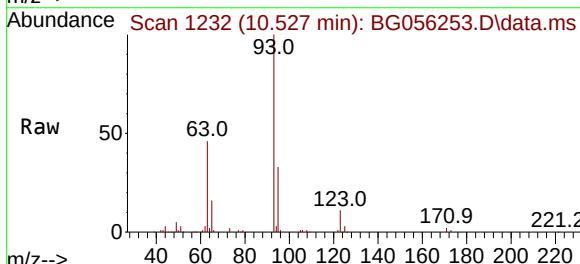
Instrument :
BNA_G
ClientSampleId :
S4-03MS

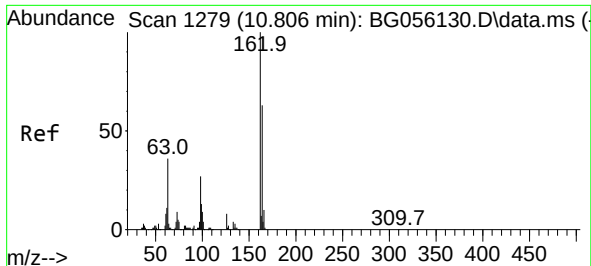
Tgt Ion:122 Resp: 140130
Ion Ratio Lower Upper
122 100
107 122.3 97.5 146.3
121 60.1 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.492 ng
RT: 10.527 min Scan# 1232
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion: 93 Resp: 159380
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 10.5 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 51.813 ng

RT: 10.786 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

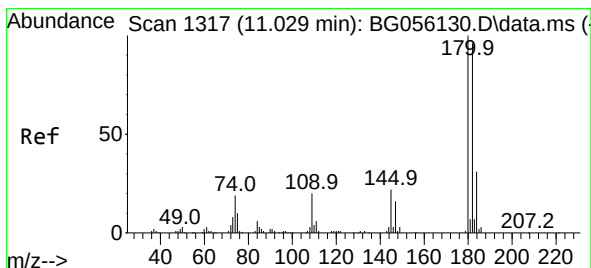
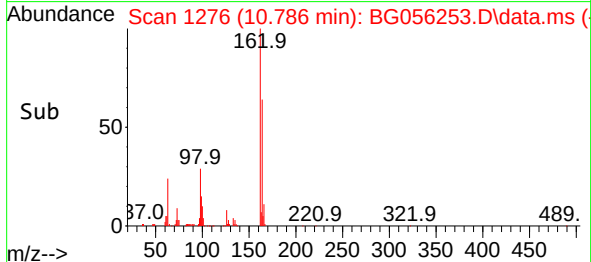
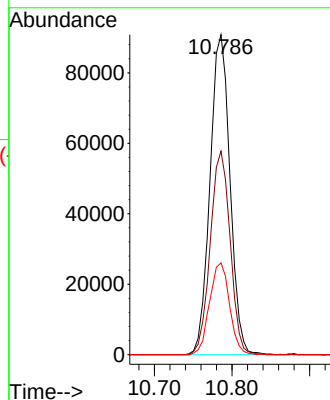
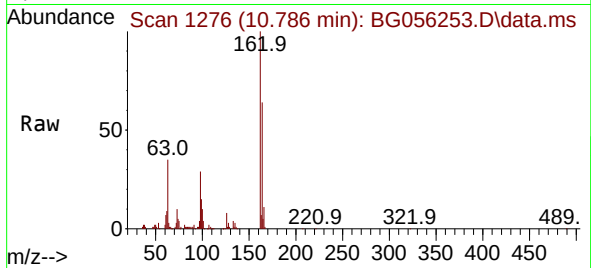
Tgt Ion:162 Resp: 162571

Ion Ratio Lower Upper

162 100

164 63.6 43.3 83.3

98 28.7 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 49.243 ng

RT: 11.003 min Scan# 1313

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

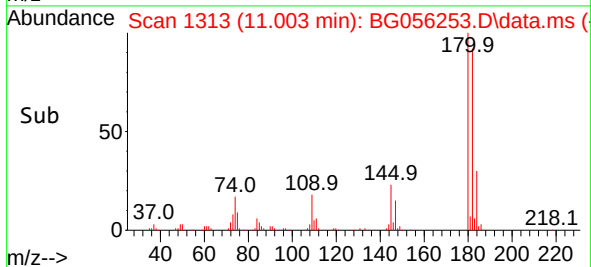
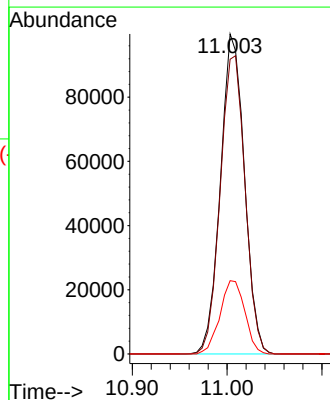
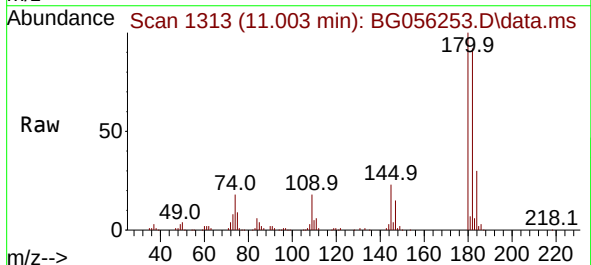
Tgt Ion:180 Resp: 175338

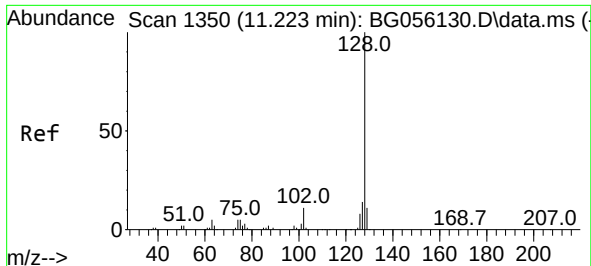
Ion Ratio Lower Upper

180 100

182 92.1 77.0 115.4

145 22.9 17.4 26.2

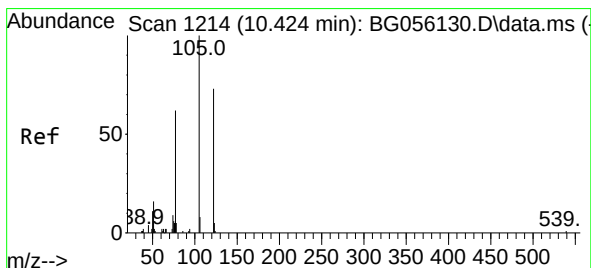
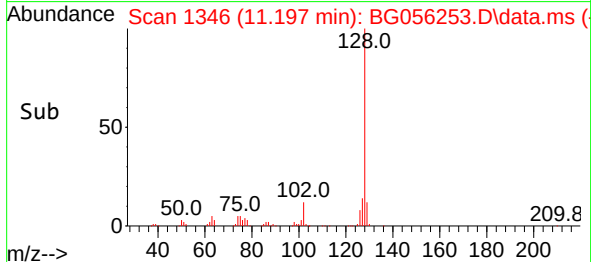
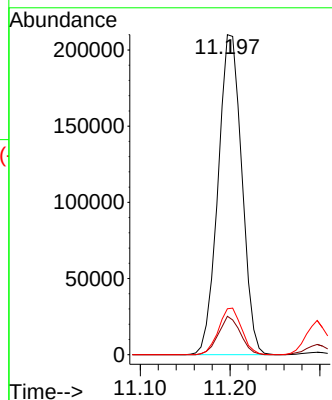
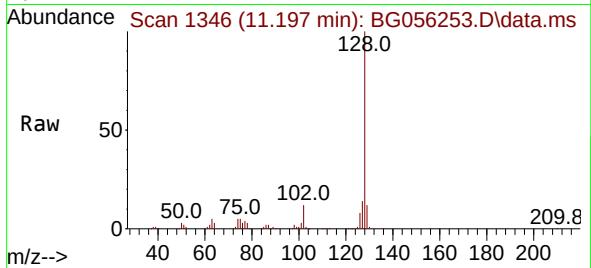




#31
Naphthalene
Concen: 46.726 ng
RT: 11.197 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

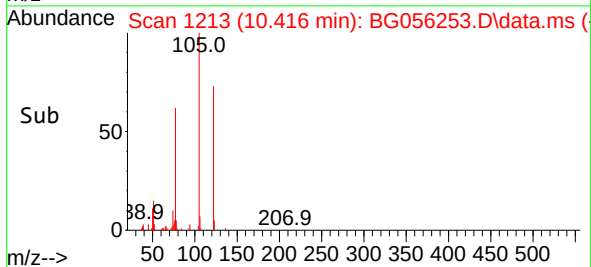
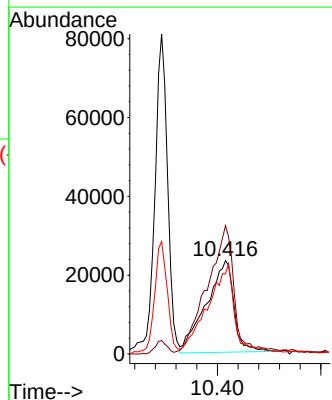
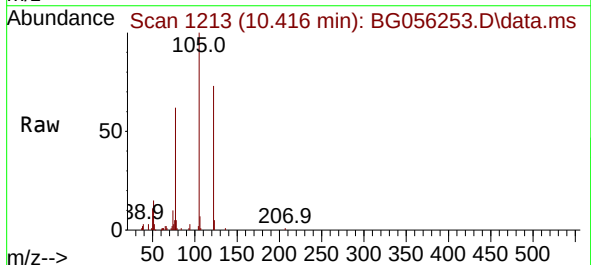
Instrument :
BNA_G
ClientSampleId :
S4-03MS

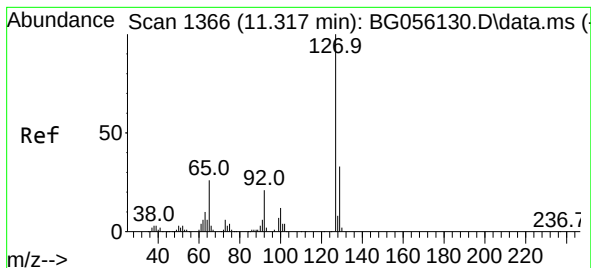
Tgt Ion:128 Resp: 386017
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 14.4 11.2 16.8



#32
Benzoic acid
Concen: 41.165 ng
RT: 10.416 min Scan# 1213
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:122 Resp: 86684
Ion Ratio Lower Upper
122 100
105 137.6 109.0 149.0
77 86.0 63.1 103.1

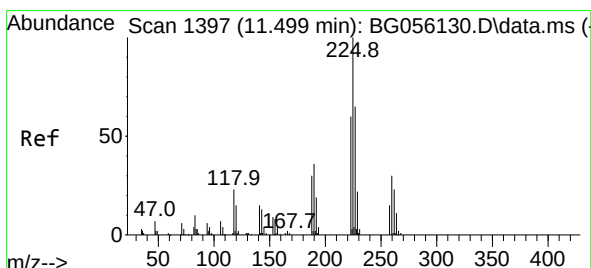
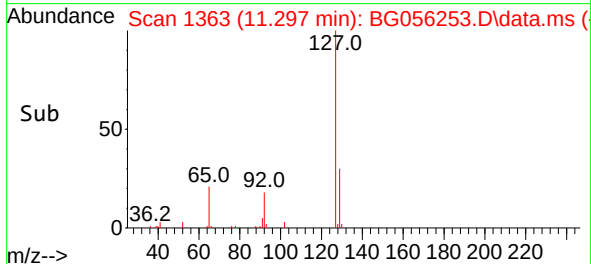
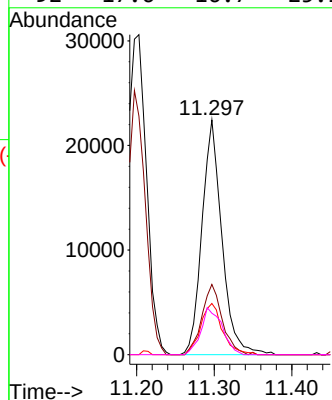
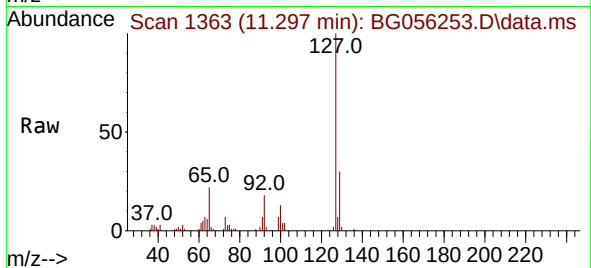




#33
4-Chloroaniline
Concen: 10.171 ng
RT: 11.297 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

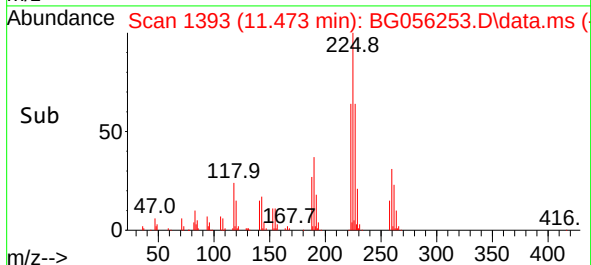
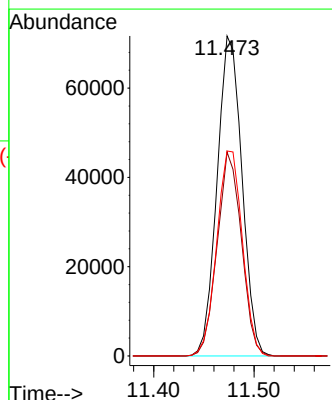
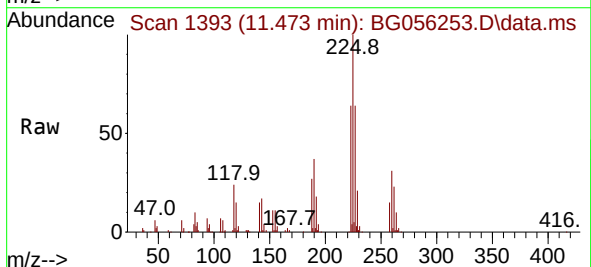
Instrument :
BNA_G
ClientSampleId :
S4-03MS

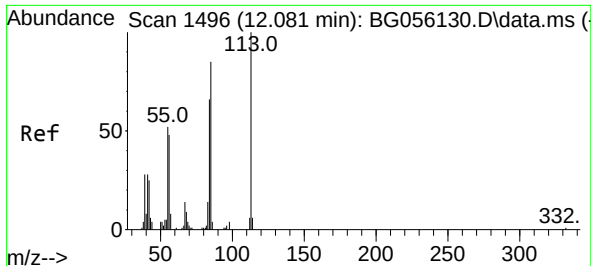
Tgt Ion:	127	Resp:	40117
Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.1	39.1
65	21.8	20.9	31.3
92	17.6	16.7	25.1



#34
Hexachlorobutadiene
Concen: 48.190 ng
RT: 11.473 min Scan# 1393
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:	225	Resp:	123410
Ion	Ratio	Lower	Upper
225	100		
223	60.7	47.7	71.5
227	61.0	52.3	78.5

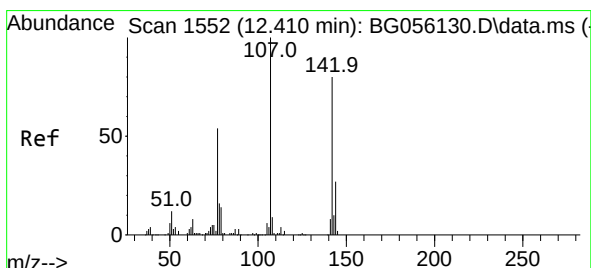
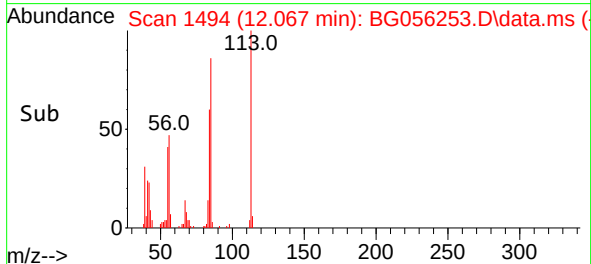
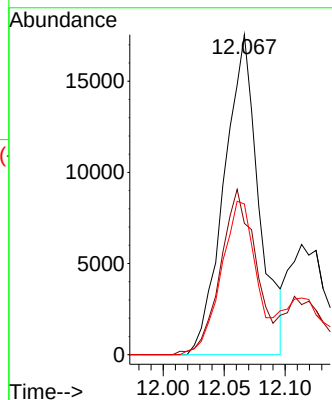
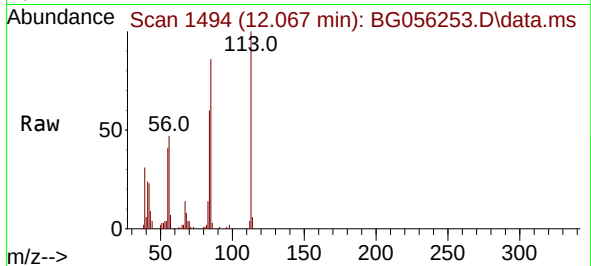




#35
 Caprolactam
 Concen: 32.644 ng
 RT: 12.067 min Scan# 1496
 Delta R.T. 0.007 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

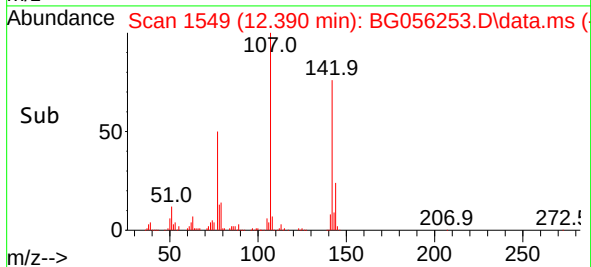
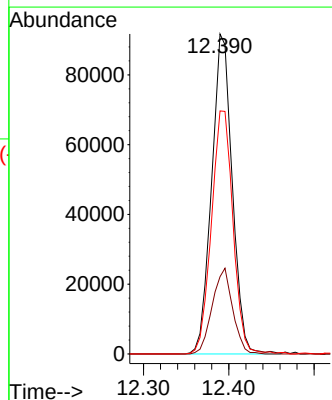
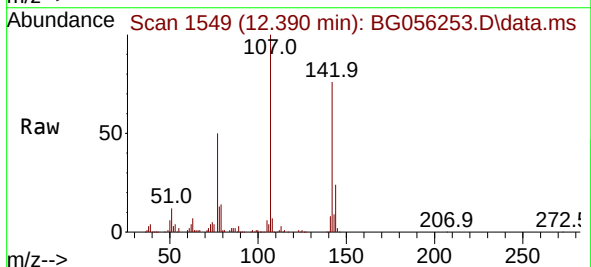
Instrument :
 BNA_G
 ClientSampleId :
 S4-03MS

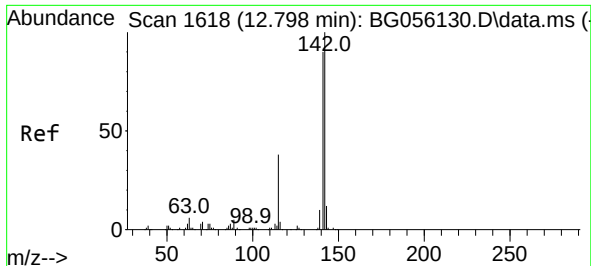
Tgt Ion:113 Resp: 34678
 Ion Ratio Lower Upper
 113 100
 55 41.1 31.9 71.9
 56 47.1 27.6 67.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.373 ng
 RT: 12.390 min Scan# 1549
 Delta R.T. 0.001 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

Tgt Ion:107 Resp: 154012
 Ion Ratio Lower Upper
 107 100
 144 24.1 21.5 32.3
 142 76.0 63.8 95.6





#37

2-Methylnaphthalene

Concen: 43.305 ng

RT: 12.783 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

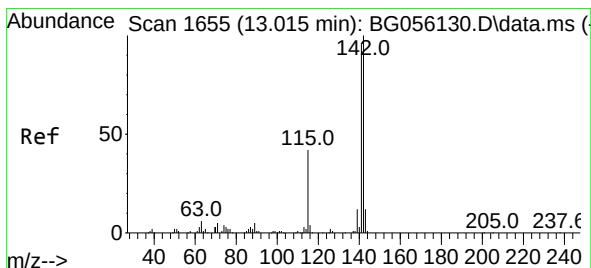
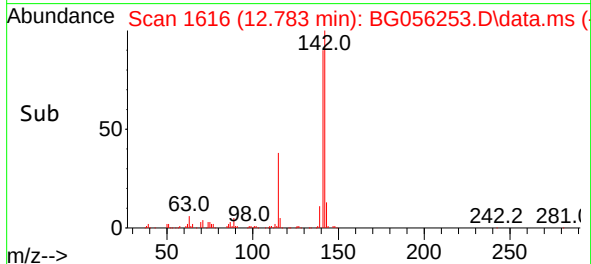
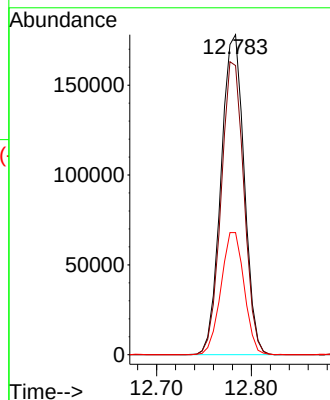
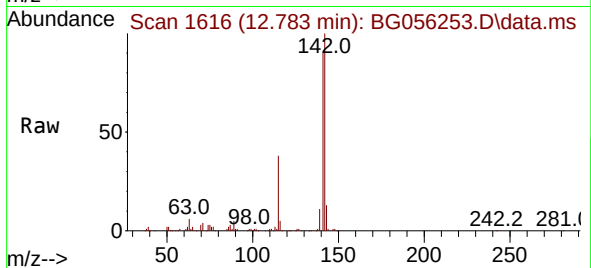
Tgt Ion:142 Resp: 302075

Ion Ratio Lower Upper

142 100

141 90.3 72.2 108.4

115 38.2 30.7 46.1



#38

1-Methylnaphthalene

Concen: 42.985 ng

RT: 12.995 min Scan# 1652

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

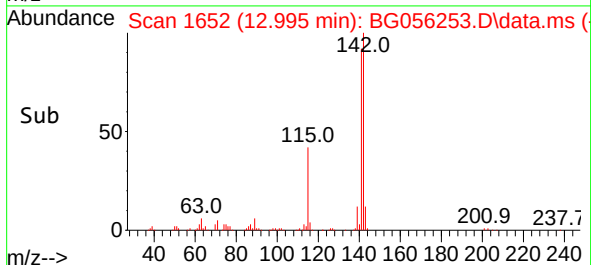
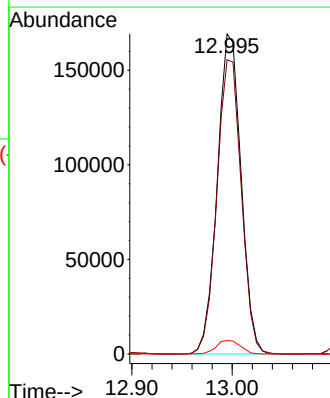
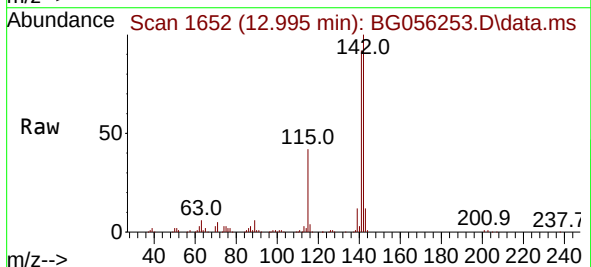
Tgt Ion:142 Resp: 278441

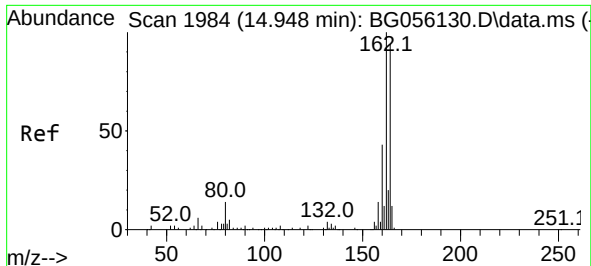
Ion Ratio Lower Upper

142 100

141 91.9 77.0 115.6

116 4.2 3.6 5.4

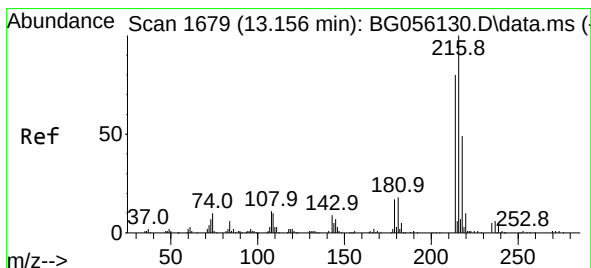
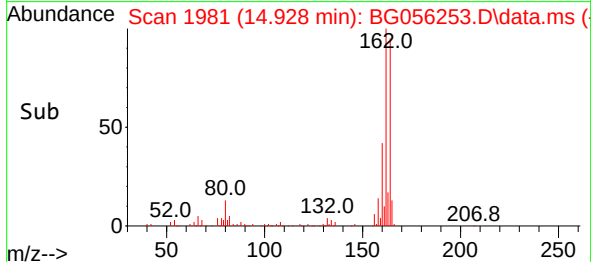
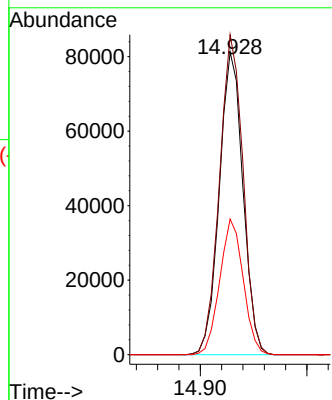
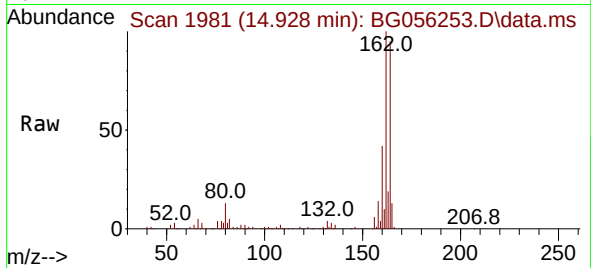




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.928 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

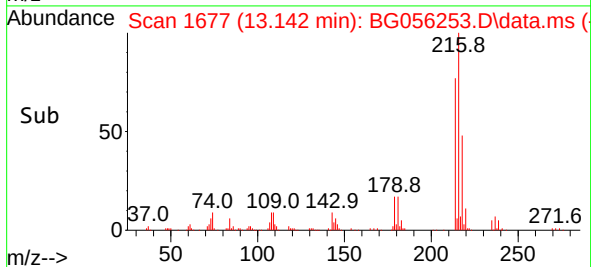
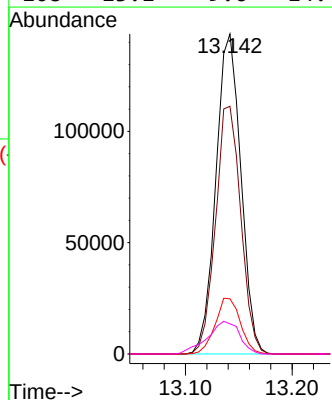
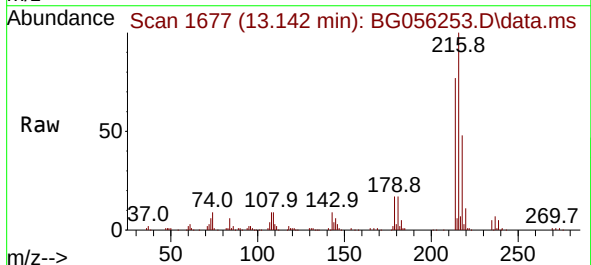
Instrument :
BNA_G
ClientSampleId :
S4-03MS

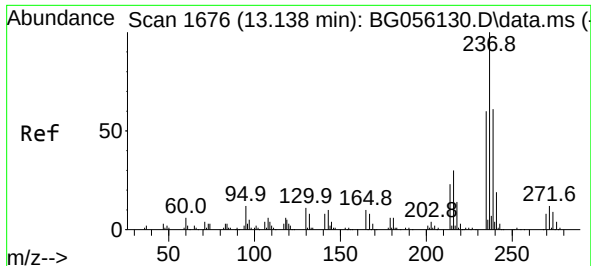
Tgt Ion:164 Resp: 124758
Ion Ratio Lower Upper
164 100
162 105.7 84.7 127.1
160 44.8 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.982 ng
RT: 13.142 min Scan# 1677
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:216 Resp: 233712
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.0
179 17.6 13.6 20.4
108 13.1 9.6 14.4

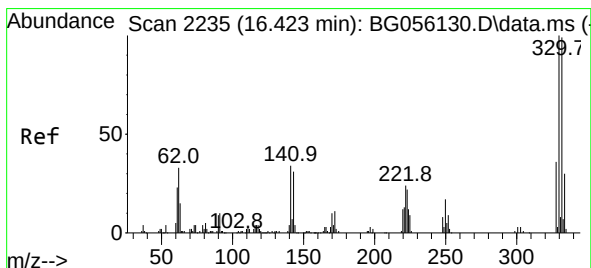
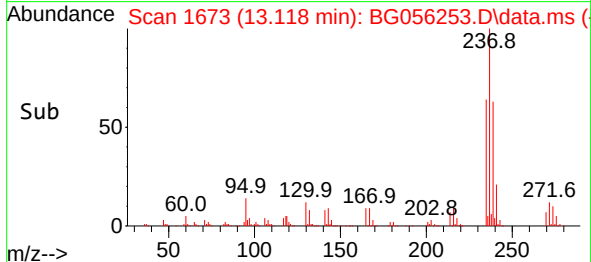
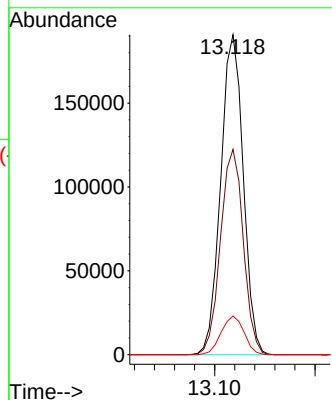
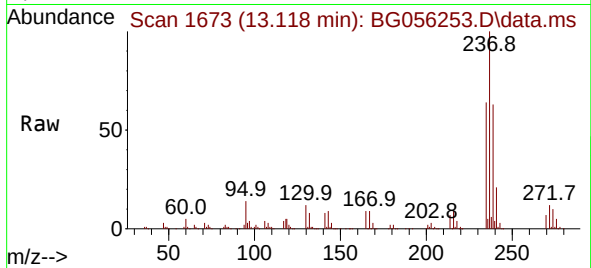




#41
Hexachlorocyclopentadiene
Concen: 111.376 ng
RT: 13.118 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

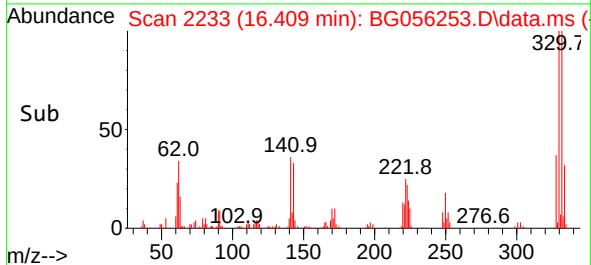
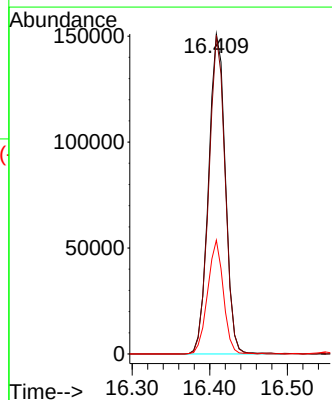
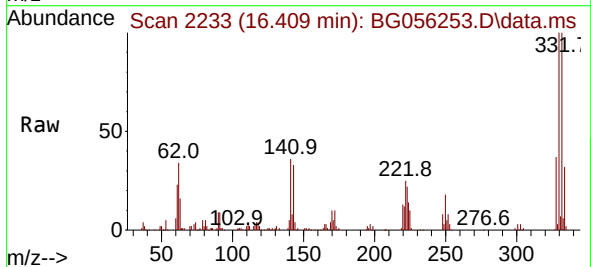
Instrument :
BNA_G
ClientSampleId :
S4-03MS

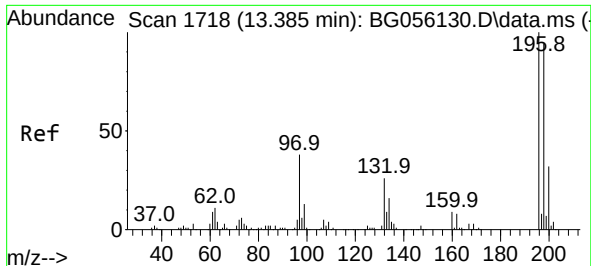
Tgt Ion:237 Resp: 296911
Ion Ratio Lower Upper
237 100
235 64.2 40.3 80.3
272 12.1 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 143.653 ng
RT: 16.409 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:330 Resp: 226977
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 33.3 27.9 41.9

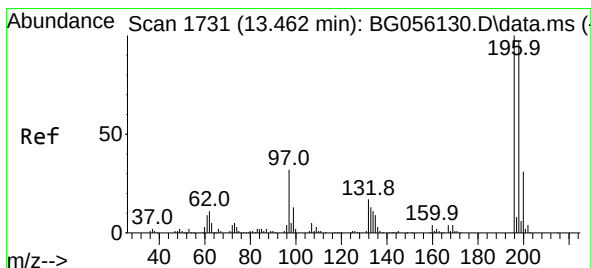
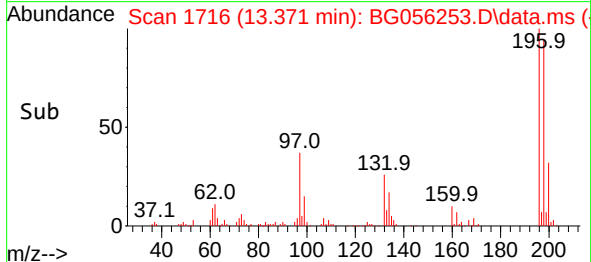
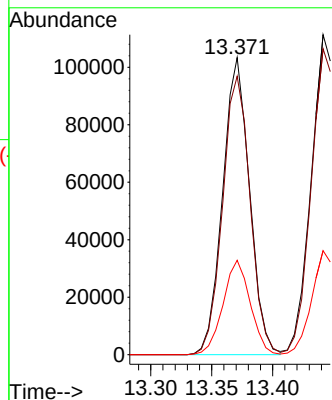
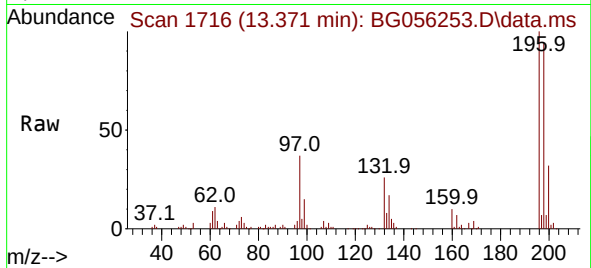




#43
2,4,6-Trichlorophenol
Concen: 51.344 ng
RT: 13.371 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

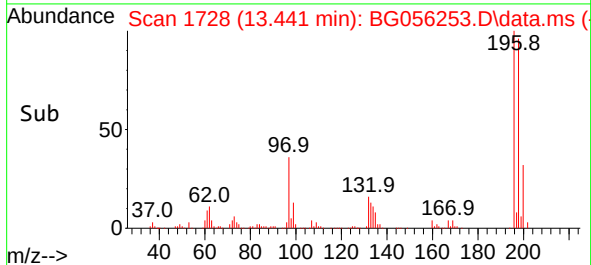
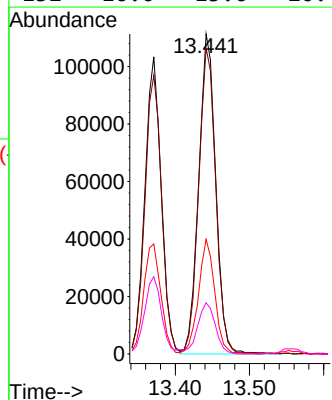
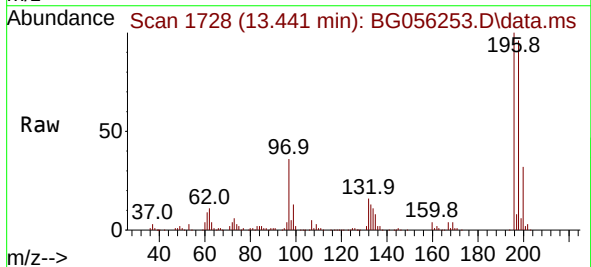
Instrument :
BNA_G
ClientSampleId :
S4-03MS

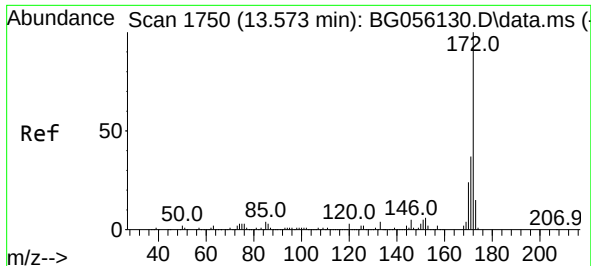
Tgt Ion:196 Resp: 158751
Ion Ratio Lower Upper
196 100
198 93.7 75.5 113.3
200 31.8 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 48.751 ng
RT: 13.441 min Scan# 1728
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:196 Resp: 178308
Ion Ratio Lower Upper
196 100
198 95.6 78.0 117.0
97 35.8 25.7 38.5
132 16.0 13.6 20.4

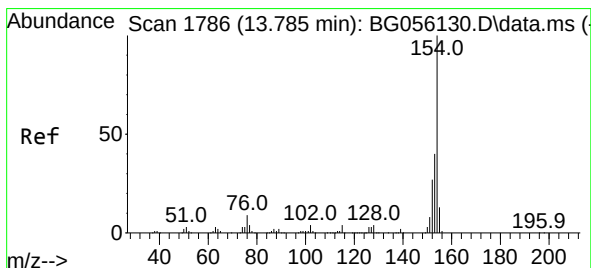
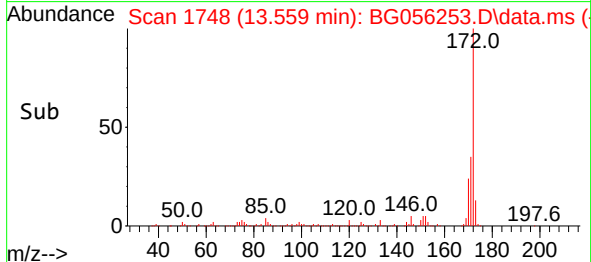
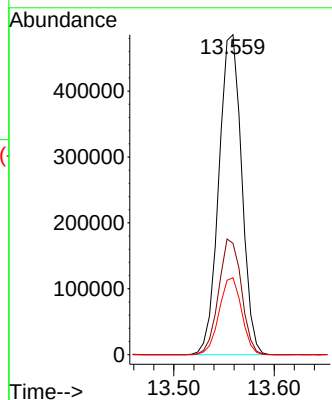
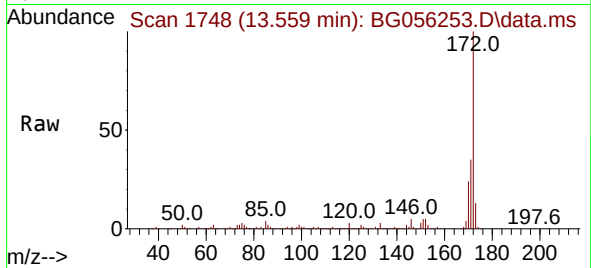




#45
2-Fluorobiphenyl
Concen: 84.746 ng
RT: 13.559 min Scan# 1750
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

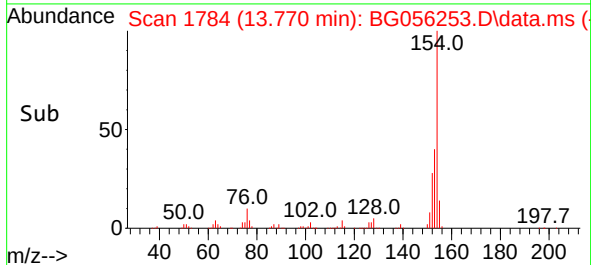
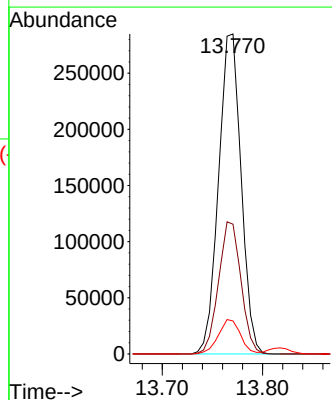
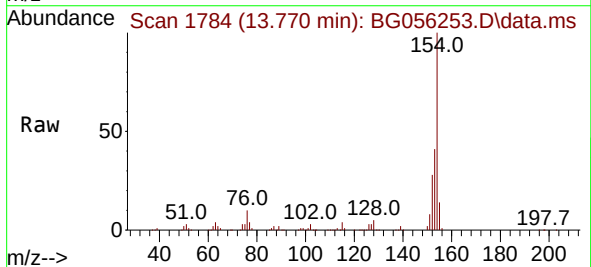
Instrument :
BNA_G
ClientSampleId :
S4-03MS

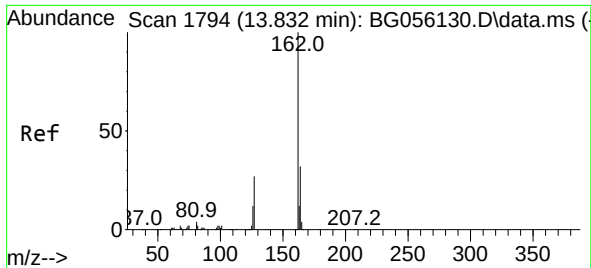
Tgt Ion:172 Resp: 765639
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 24.0 19.4 29.2



#46
1,1'-Biphenyl
Concen: 49.679 ng
RT: 13.770 min Scan# 1784
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:154 Resp: 443869
Ion Ratio Lower Upper
154 100
153 40.6 20.0 60.0
76 10.3 0.0 29.3

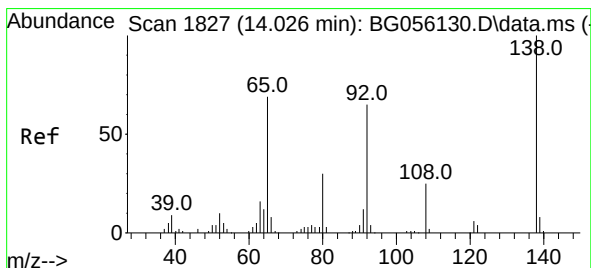
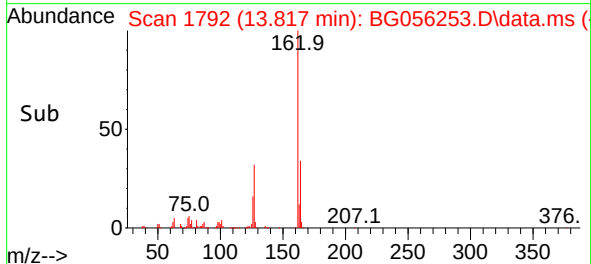
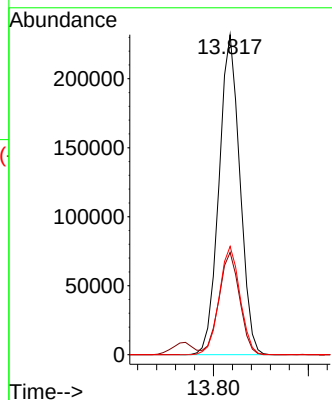
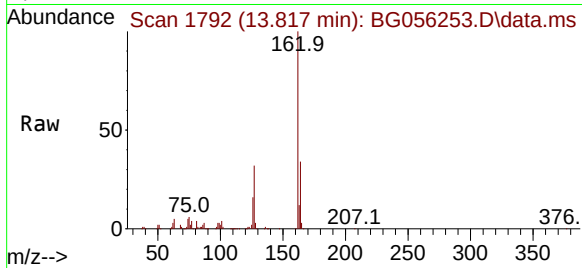




#47
2-Chloronaphthalene
Concen: 50.346 ng
RT: 13.817 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

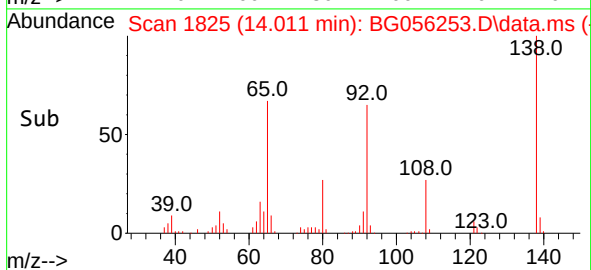
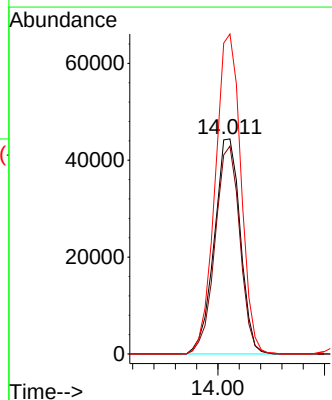
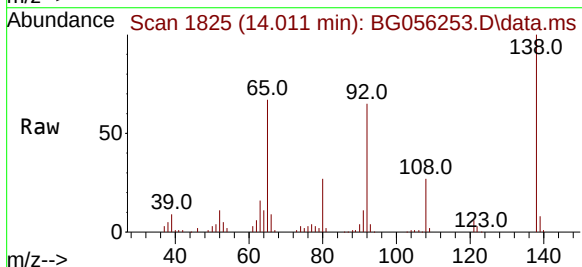
Instrument :
BNA_G
ClientSampleId :
S4-03MS

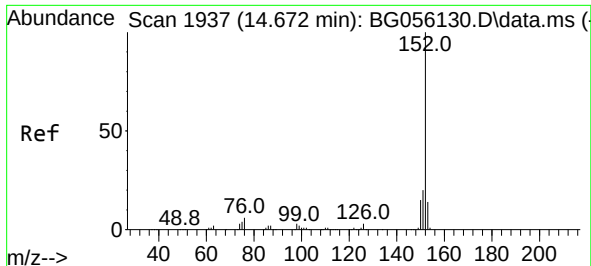
Tgt Ion:162 Resp: 355055
Ion Ratio Lower Upper
162 100
127 32.0 24.6 36.8
164 33.9 25.8 38.8



#48
2-Nitroaniline
Concen: 49.902 ng
RT: 14.011 min Scan# 1825
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion: 65 Resp: 74982
Ion Ratio Lower Upper
65 100
92 96.6 76.0 114.0
138 148.8 116.6 174.8

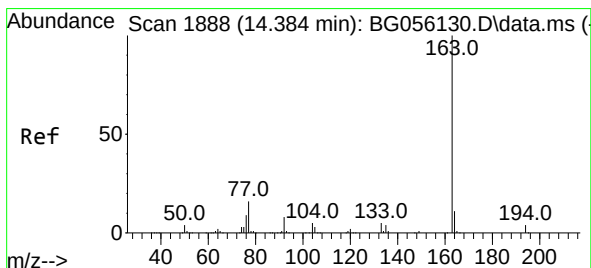
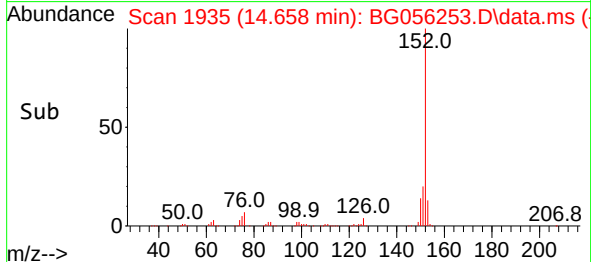
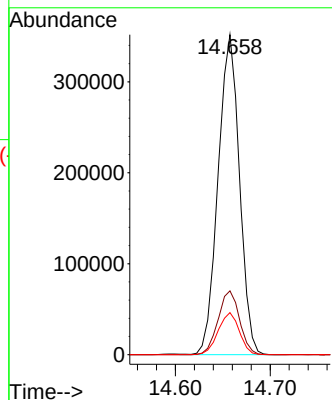
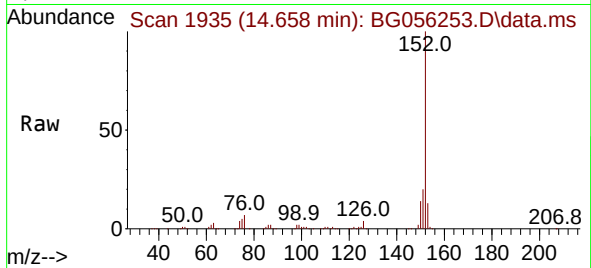




#49
Acenaphthylene
Concen: 48.051 ng
RT: 14.658 min Scan# 1935
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

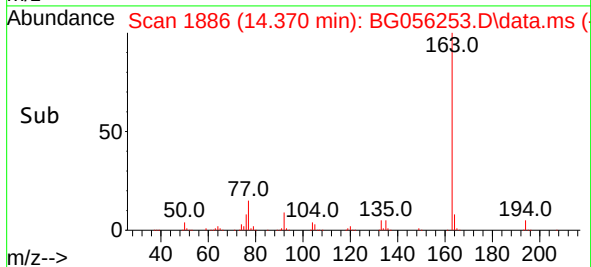
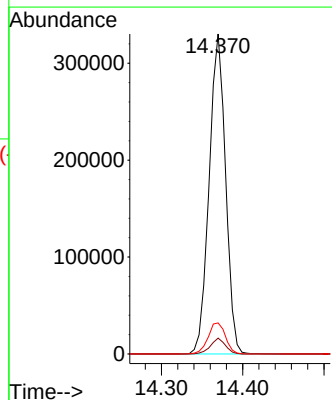
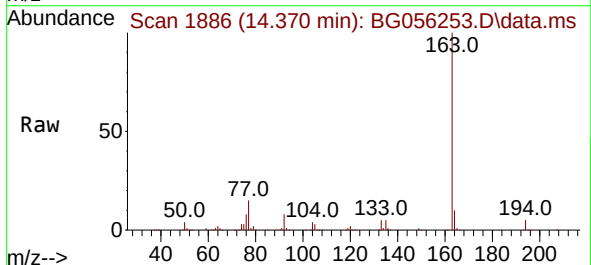
Instrument :
BNA_G
ClientSampleId :
S4-03MS

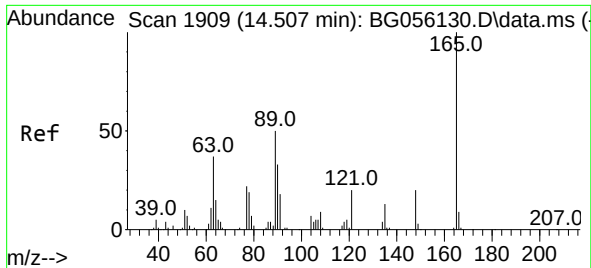
Tgt Ion:152 Resp: 551452
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.1 11.0 16.6



#50
Dimethylphthalate
Concen: 46.022 ng
RT: 14.370 min Scan# 1886
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:163 Resp: 463497
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 9.7 8.7 13.1

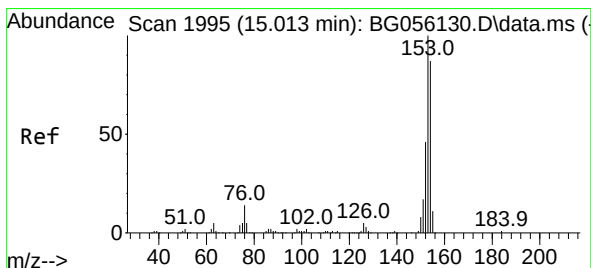
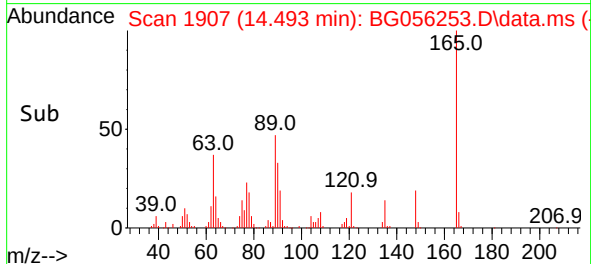
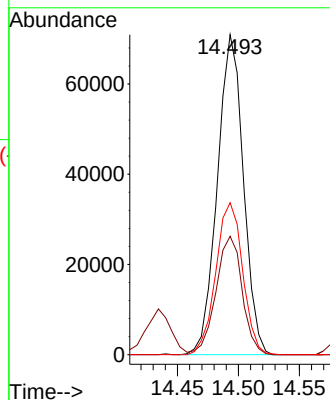
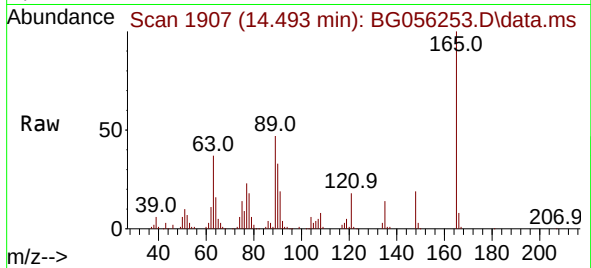




#51
2,6-Dinitrotoluene
Concen: 49.146 ng
RT: 14.493 min Scan# 1909
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

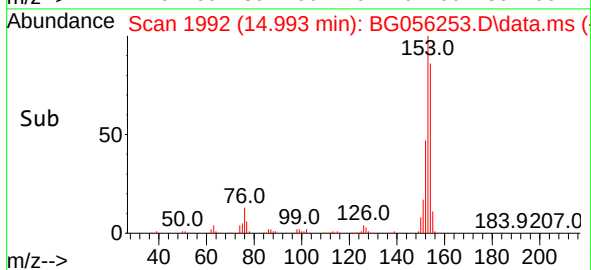
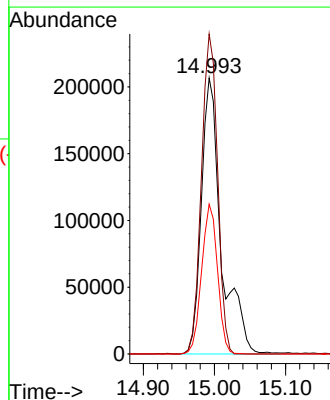
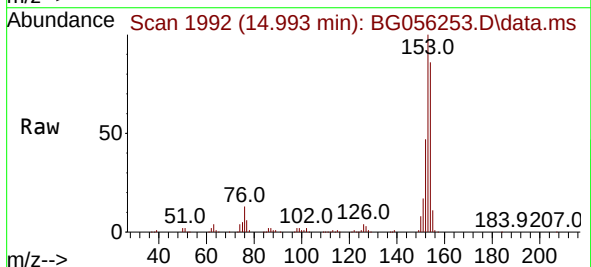
Instrument :
BNA_G
ClientSampleId :
S4-03MS

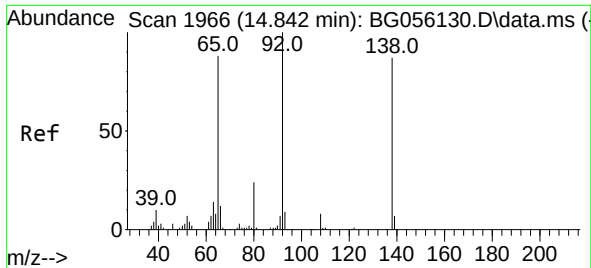
Tgt Ion:165 Resp: 105468
Ion Ratio Lower Upper
165 100
63 37.0 32.2 48.2
89 47.5 39.8 59.8



#52
Acenaphthene
Concen: 54.309 ng
RT: 14.993 min Scan# 1992
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:154 Resp: 405368
Ion Ratio Lower Upper
154 100
153 115.9 92.0 138.0
152 54.3 42.5 63.7

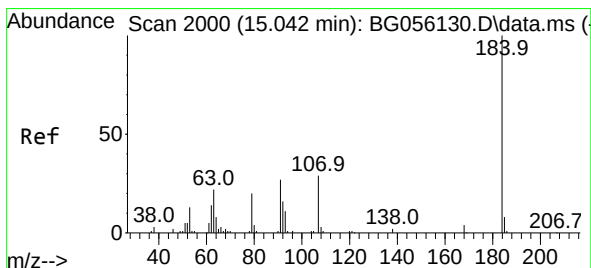
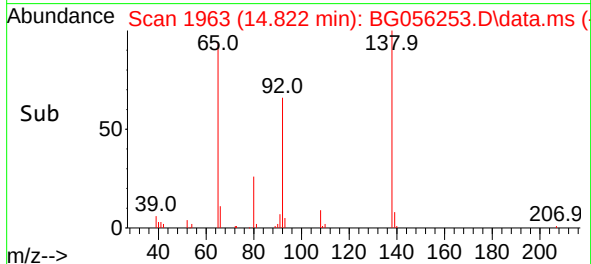
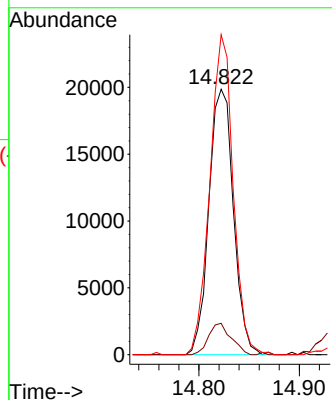
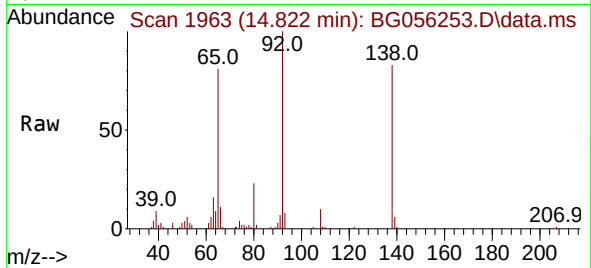




#53
3-Nitroaniline
Concen: 16.519 ng
RT: 14.822 min Scan# 1963
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

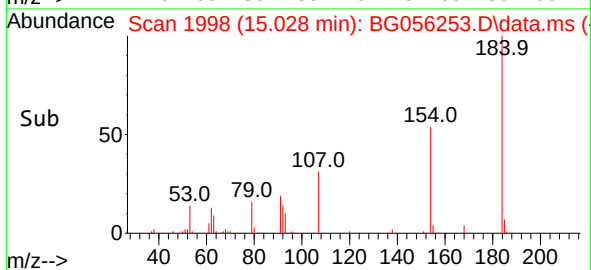
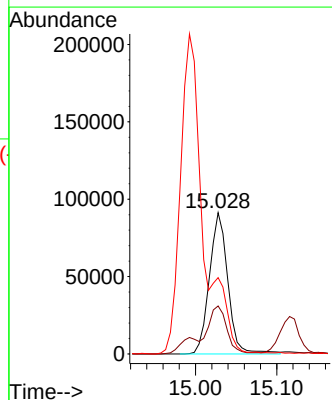
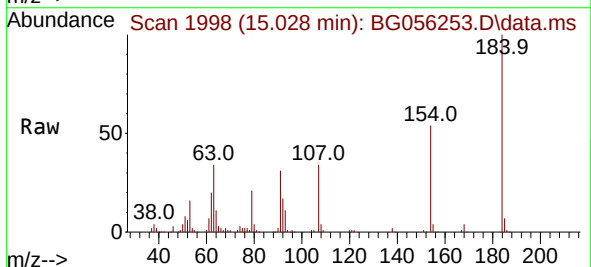
Instrument :
BNA_G
ClientSampleId :
S4-03MS

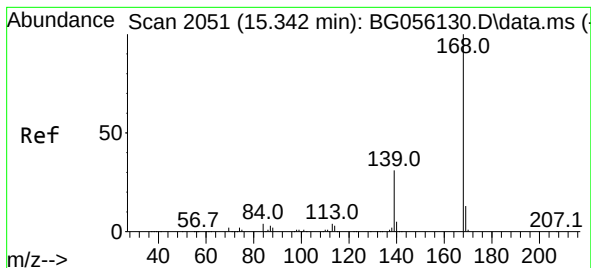
Tgt Ion:138 Resp: 33737
Ion Ratio Lower Upper
138 100
108 11.8 7.6 11.4#
92 120.5 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 93.800 ng
RT: 15.028 min Scan# 1998
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:184 Resp: 143802
Ion Ratio Lower Upper
184 100
63 34.0 24.0 36.0
154 54.1 45.4 68.0





#55

Dibenzenofuran

Concen: 47.576 ng

RT: 15.327 min Scan# 2051

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

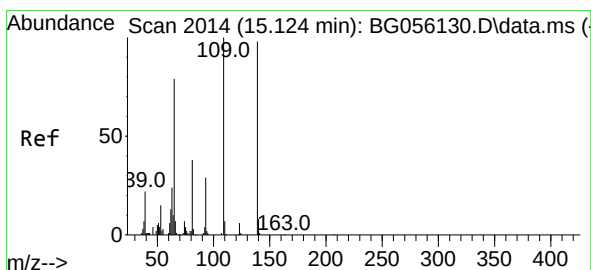
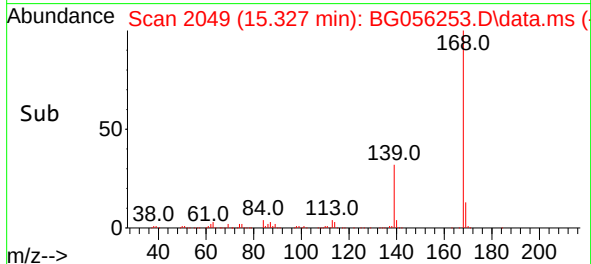
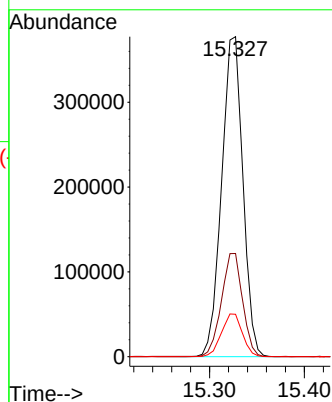
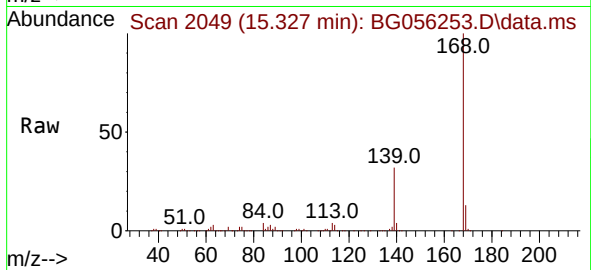
Tgt Ion:168 Resp: 587651

Ion Ratio Lower Upper

168 100

139 32.3 24.7 37.1

169 13.2 10.3 15.5



#56

4-Nitrophenol

Concen: 101.925 ng

RT: 15.116 min Scan# 2013

Delta R.T. 0.007 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

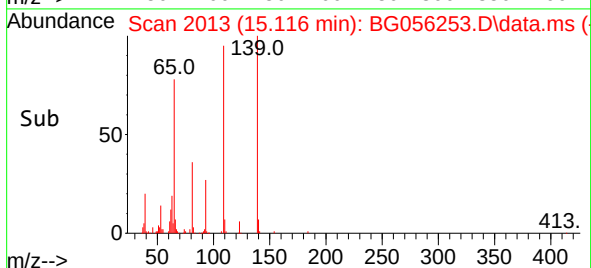
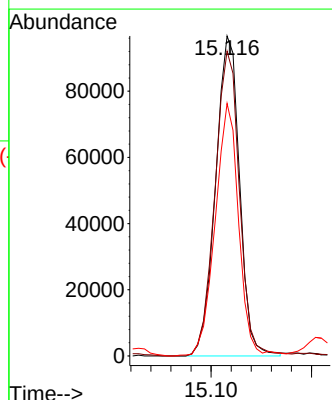
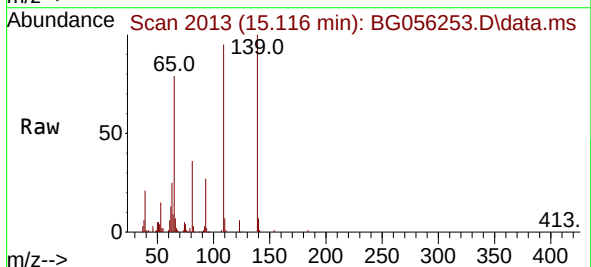
Tgt Ion:139 Resp: 160100

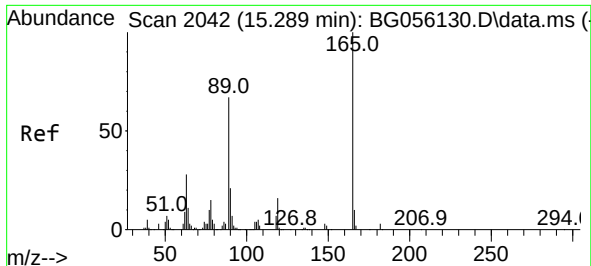
Ion Ratio Lower Upper

139 100

109 95.3 82.2 122.2

65 78.9 60.6 100.6





#57

2,4-Dinitrotoluene

Concen: 48.923 ng

RT: 15.275 min Scan# 2040

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

Tgt Ion:165 Resp: 146827

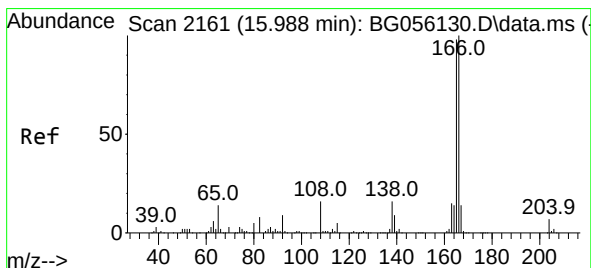
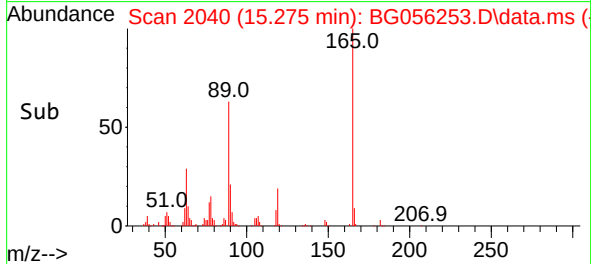
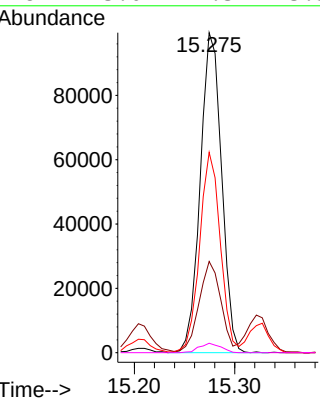
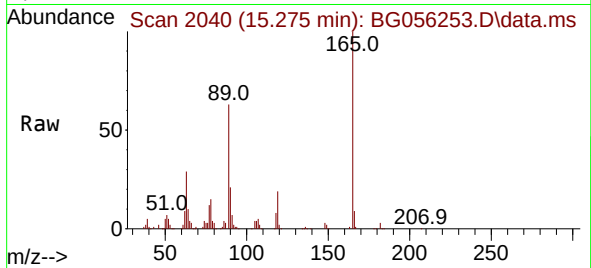
Ion Ratio Lower Upper

165 100

63 28.5 22.6 34.0

89 62.6 53.2 79.8

182 3.0 2.3 3.5



#58

Fluorene

Concen: 47.369 ng

RT: 15.968 min Scan# 2158

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

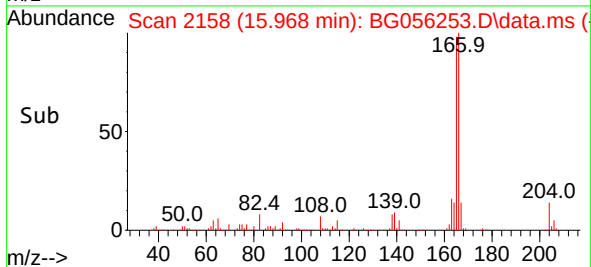
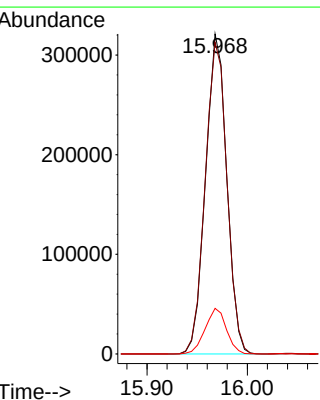
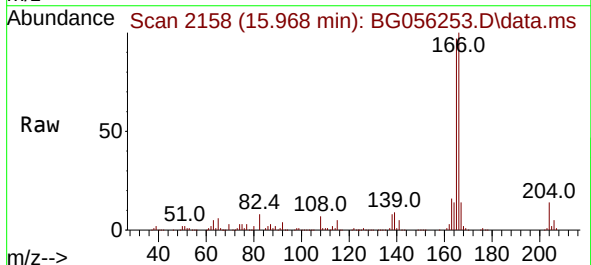
Tgt Ion:166 Resp: 470601

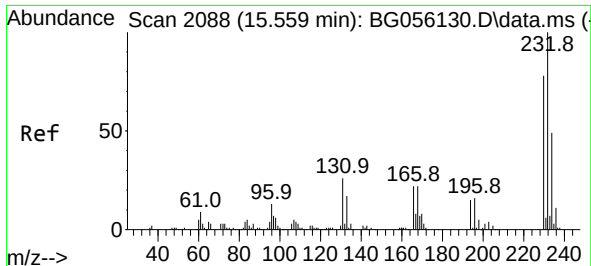
Ion Ratio Lower Upper

166 100

165 97.3 78.6 118.0

167 14.3 11.1 16.7

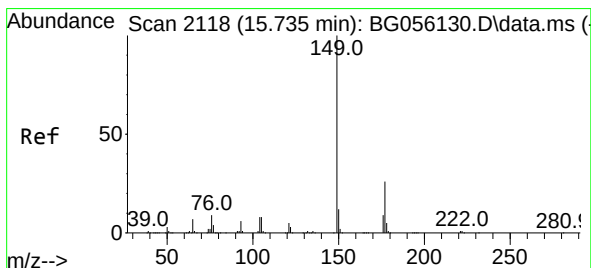
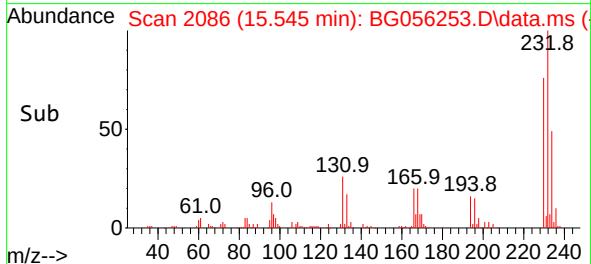
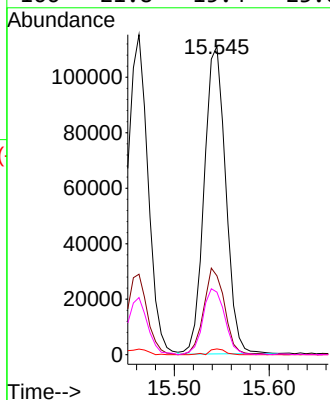
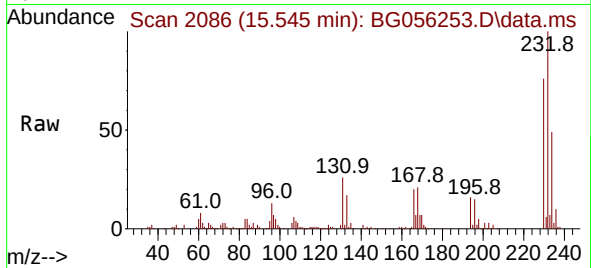




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.947 ng
RT: 15.545 min Scan# 2086
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

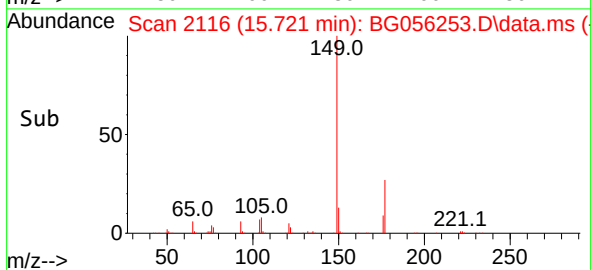
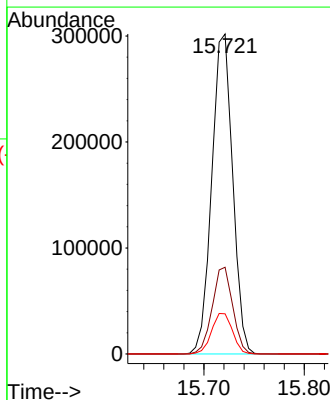
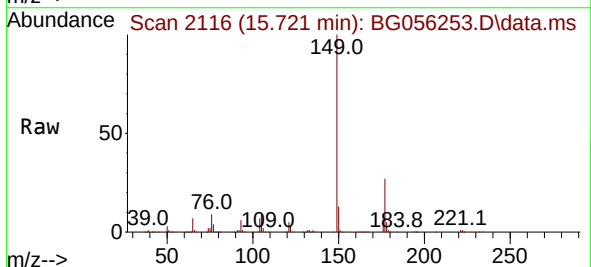
Instrument :
BNA_G
ClientSampleId :
S4-03MS

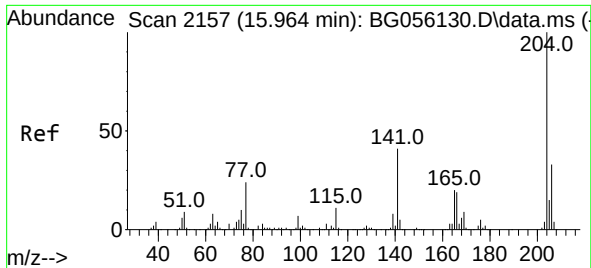
Tgt Ion:232 Resp: 174963
Ion Ratio Lower Upper
232 100
131 27.4 21.4 32.2
130 1.4 1.4 2.0
166 21.8 15.4 23.0



#60
Diethylphthalate
Concen: 46.166 ng
RT: 15.721 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:149 Resp: 436029
Ion Ratio Lower Upper
149 100
177 27.1 20.6 31.0
150 12.6 9.9 14.9

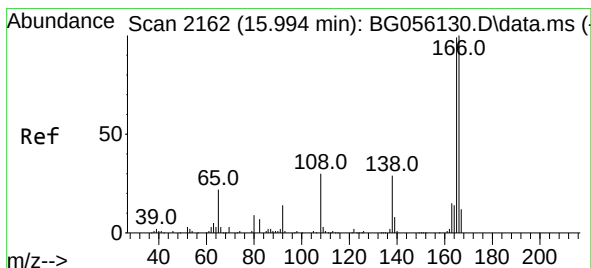
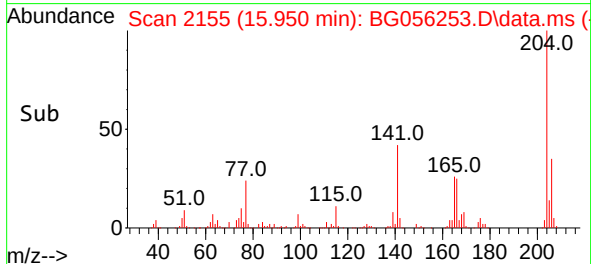
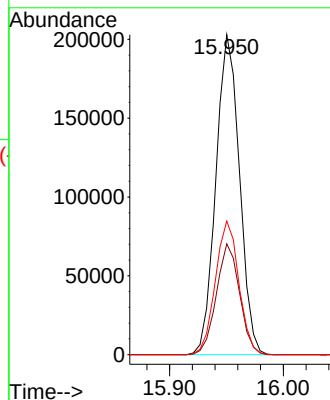
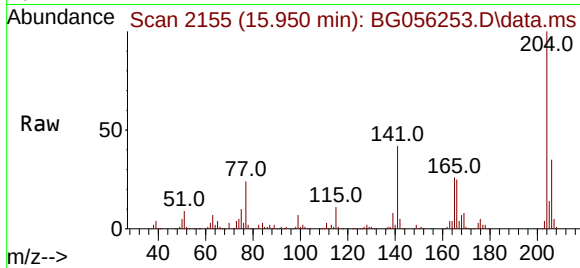




#61
4-Chlorophenyl-phenylether
Concen: 47.181 ng
RT: 15.950 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

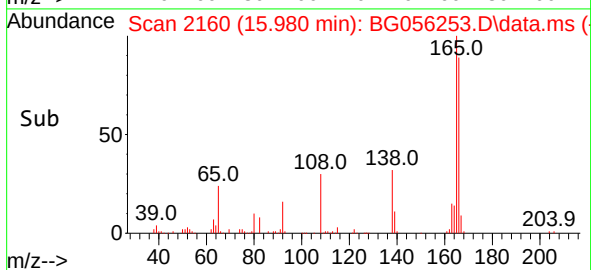
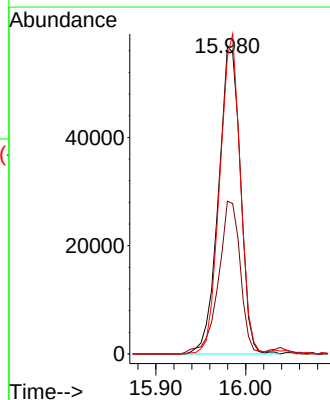
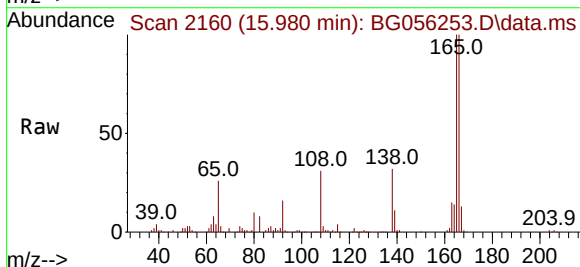
Instrument :
BNA_G
ClientSampleId :
S4-03MS

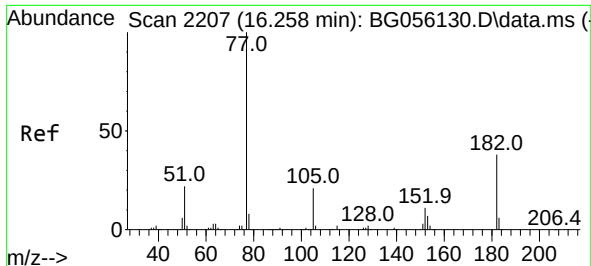
Tgt Ion:204 Resp: 292516
Ion Ratio Lower Upper
204 100
206 34.7 26.4 39.6
141 41.7 33.0 49.4



#62
4-Nitroaniline
Concen: 46.125 ng
RT: 15.980 min Scan# 2160
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:138 Resp: 96498
Ion Ratio Lower Upper
138 100
92 49.7 28.6 68.6
108 96.8 83.4 123.4

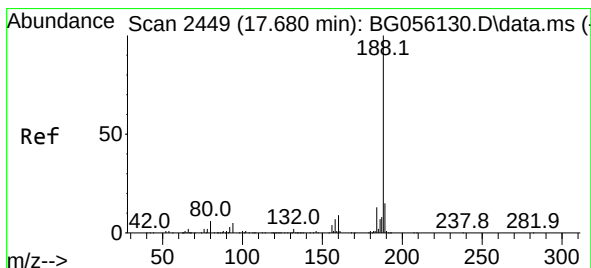
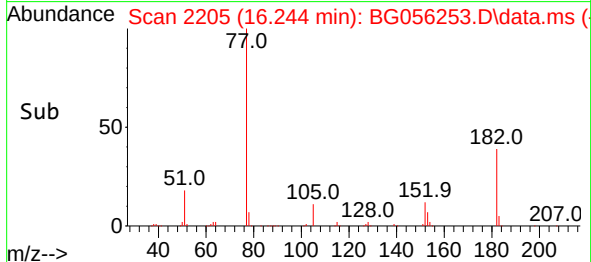
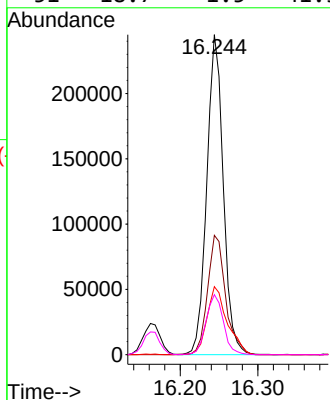
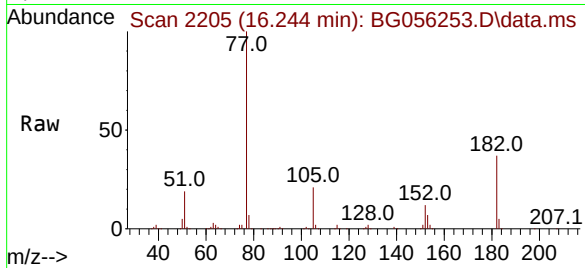




#63
Azobenzene
Concen: 49.706 ng
RT: 16.244 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

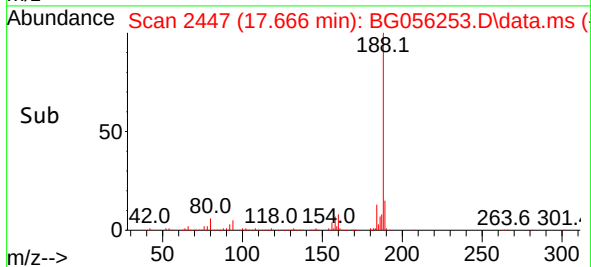
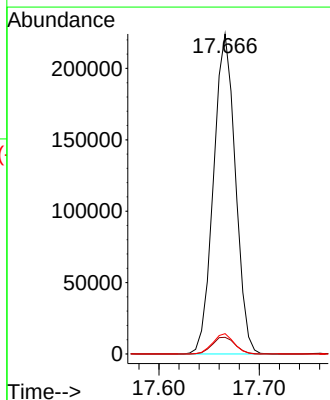
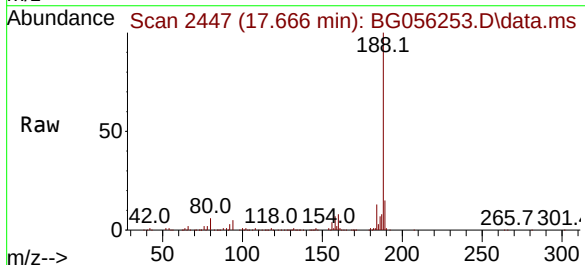
Instrument :
BNA_G
ClientSampleId :
S4-03MS

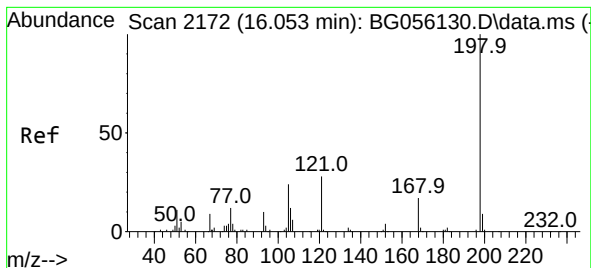
Tgt Ion: 77 Resp: 362278
Ion Ratio Lower Upper
77 100
182 37.3 18.5 58.5
105 21.2 1.4 41.4
51 18.7 1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.666 min Scan# 2447
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:188 Resp: 338358
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.4 5.0 7.4

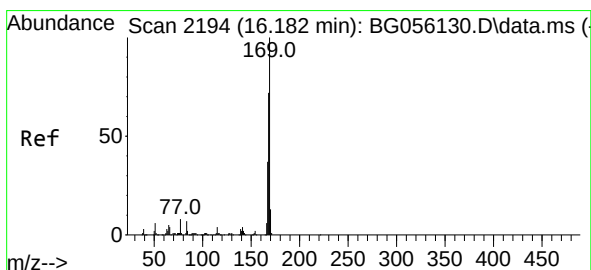
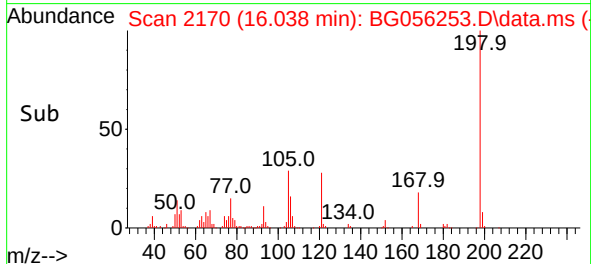
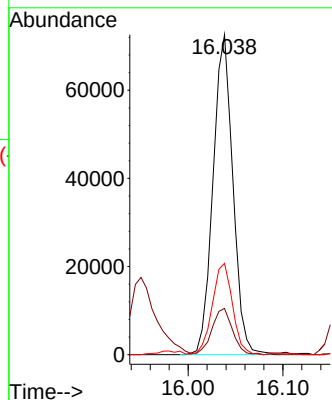
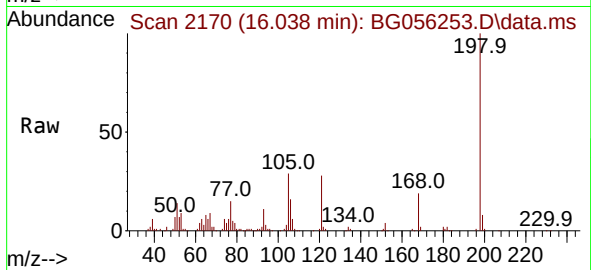




#65
4,6-Dinitro-2-methylphenol
Concen: 46.398 ng
RT: 16.038 min Scan# 2172
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

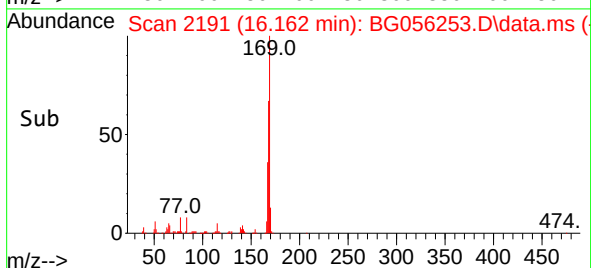
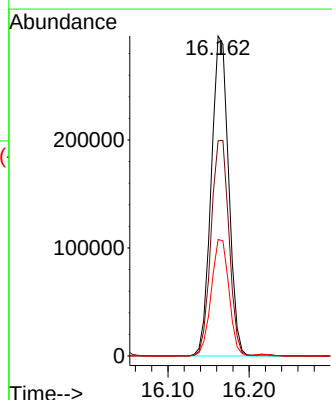
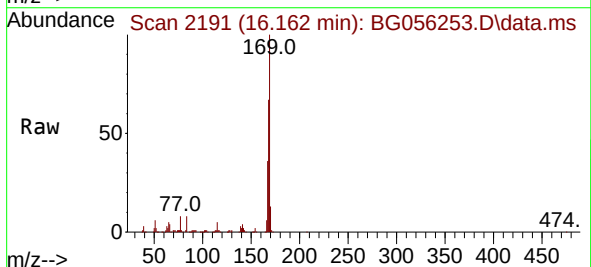
Instrument :
BNA_G
ClientSampleId :
S4-03MS

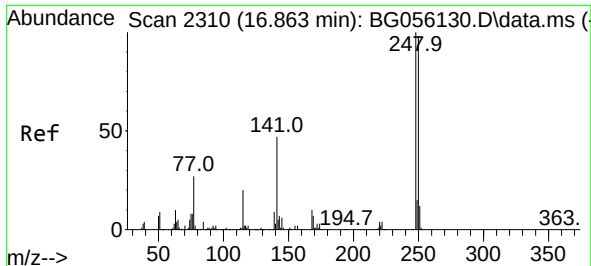
Tgt Ion:198 Resp: 105772
Ion Ratio Lower Upper
198 100
51 14.4 0.0 33.2
105 28.5 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 46.870 ng
RT: 16.162 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:169 Resp: 440006
Ion Ratio Lower Upper
169 100
168 67.3 58.0 87.0
167 36.4 30.0 45.0

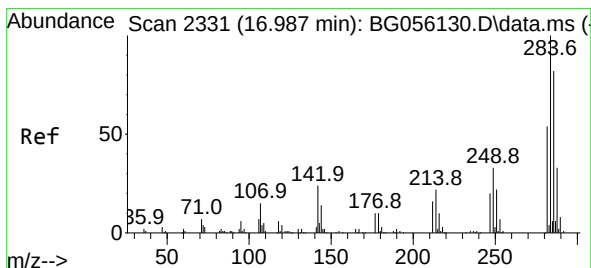
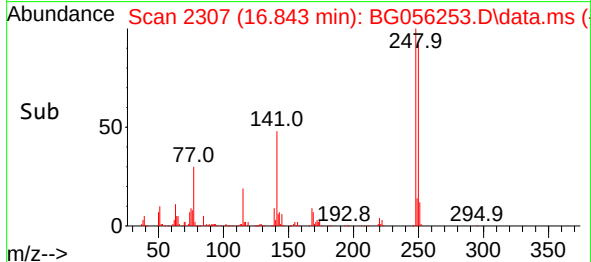
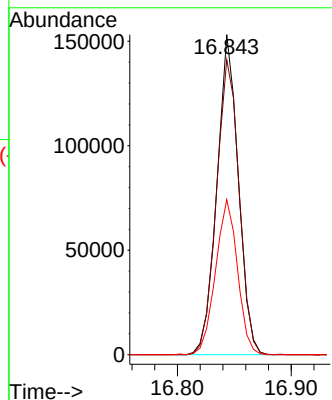
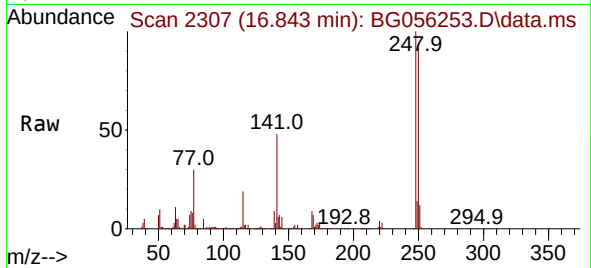




#67
4-Bromophenyl-phenylether
Concen: 46.397 ng
RT: 16.843 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

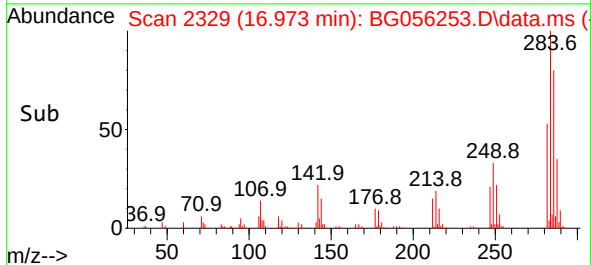
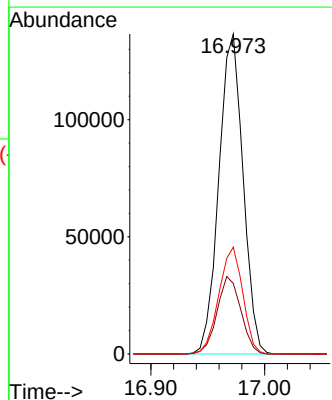
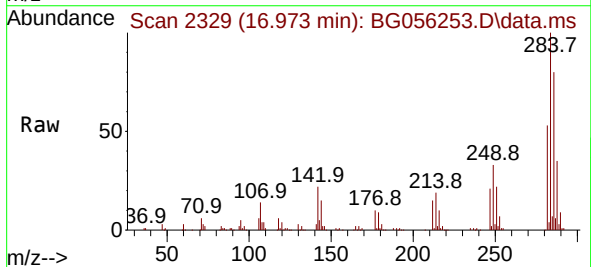
Instrument :
BNA_G
ClientSampleId :
S4-03MS

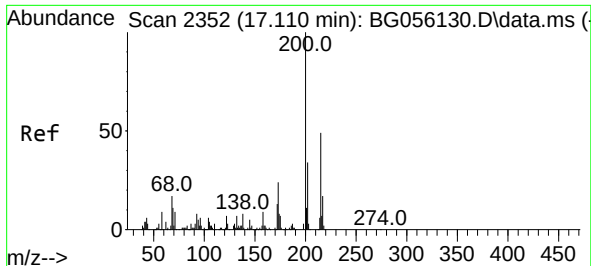
Tgt Ion:248 Resp: 199909
Ion Ratio Lower Upper
248 100
250 92.1 78.2 117.4
141 48.5 37.6 56.4



#68
Hexachlorobenzene
Concen: 50.194 ng
RT: 16.973 min Scan# 2329
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:284 Resp: 201772
Ion Ratio Lower Upper
284 100
142 22.1 19.0 28.6
249 33.4 26.6 39.8

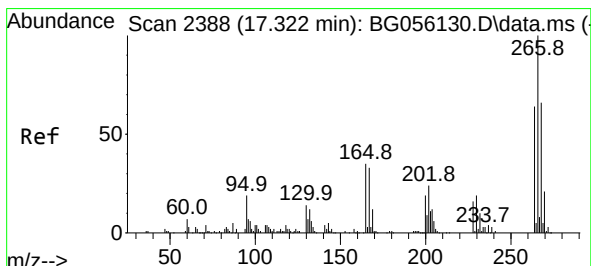
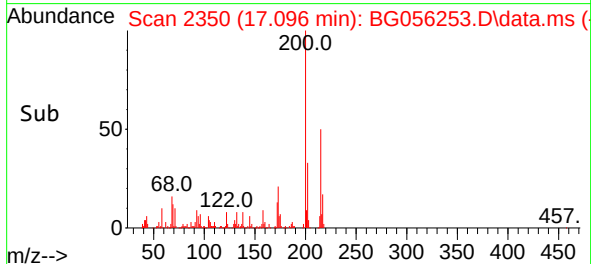
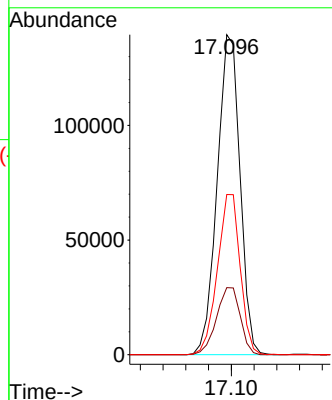
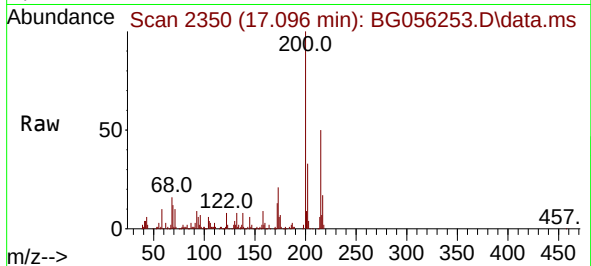




#69
 Atrazine
 Concen: 50.006 ng
 RT: 17.096 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

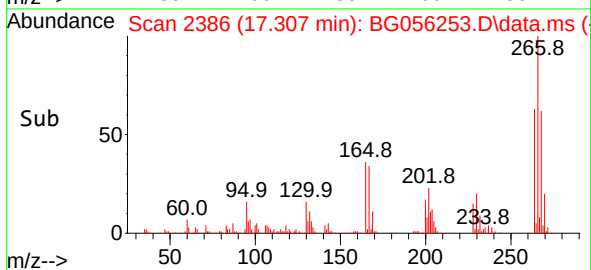
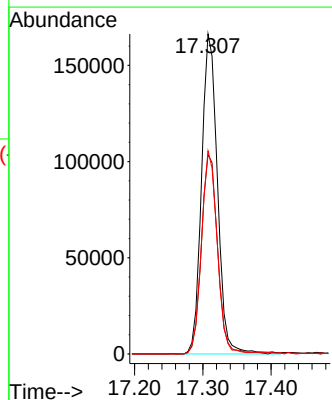
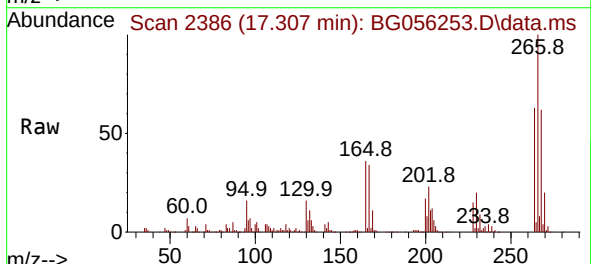
Instrument :
 BNA_G
 ClientSampleId :
 S4-03MS

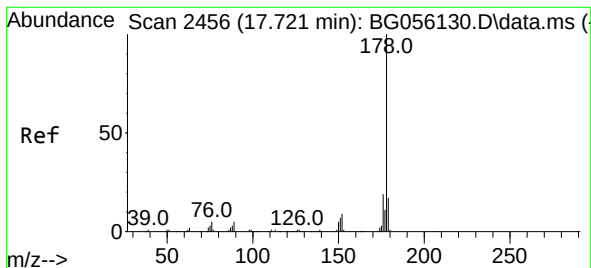
Tgt Ion:200 Resp: 194558
 Ion Ratio Lower Upper
 200 100
 173 20.9 4.0 44.0
 215 50.1 29.1 69.1



#70
 Pentachlorophenol
 Concen: 87.250 ng
 RT: 17.307 min Scan# 2386
 Delta R.T. 0.001 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

Tgt Ion:266 Resp: 269424
 Ion Ratio Lower Upper
 266 100
 268 62.3 53.0 79.4
 264 63.5 51.4 77.2





#71

Phenanthrene

Concen: 47.758 ng

RT: 17.707 min Scan# 2456

Delta R.T. -0.005 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

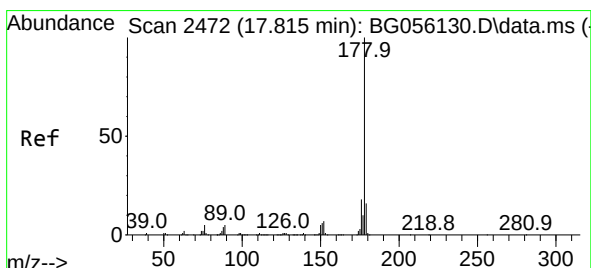
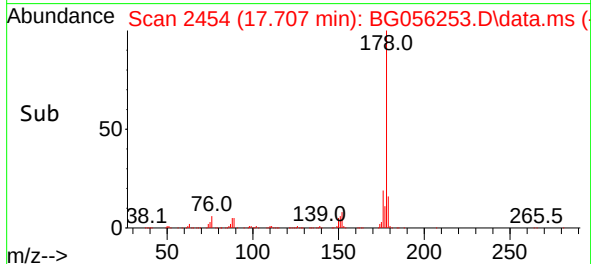
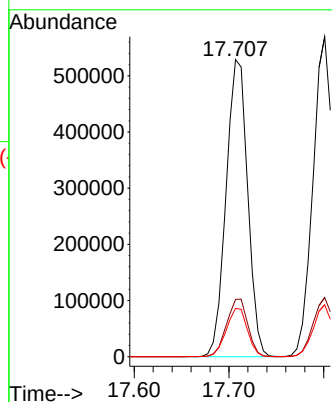
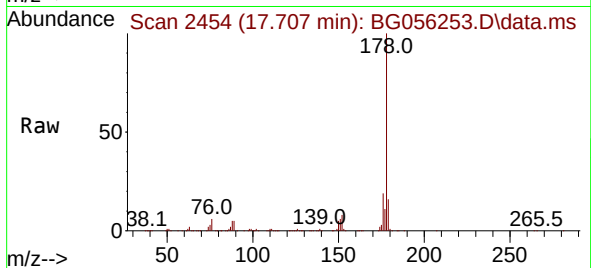
Tgt Ion:178 Resp: 837434

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 16.3 13.6 20.4



#72

Anthracene

Concen: 47.291 ng

RT: 17.801 min Scan# 2470

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

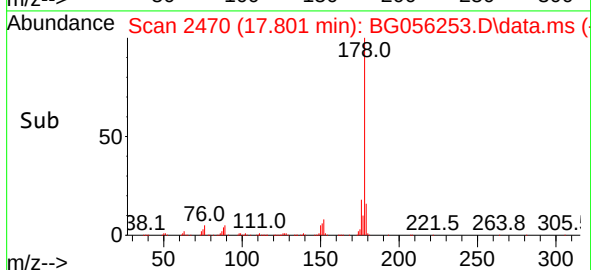
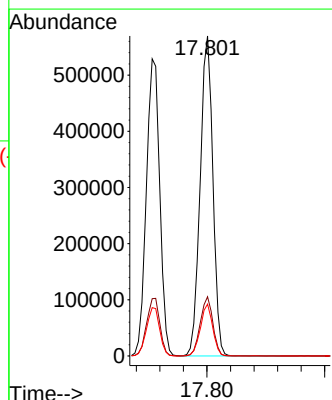
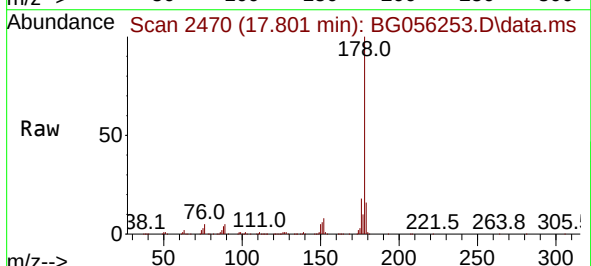
Tgt Ion:178 Resp: 855415

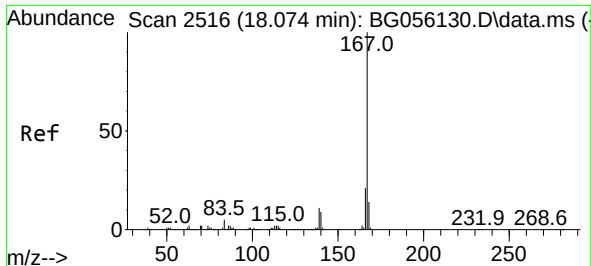
Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

179 16.2 12.7 19.1

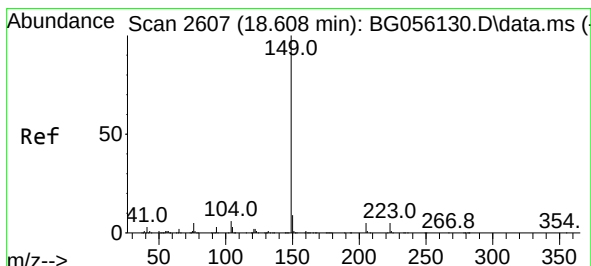
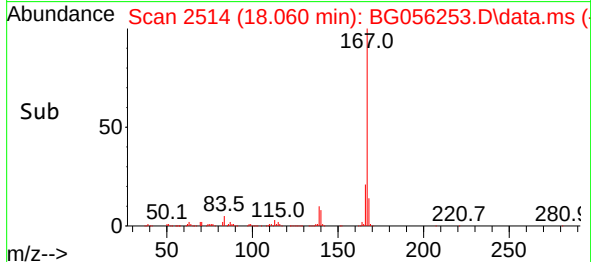
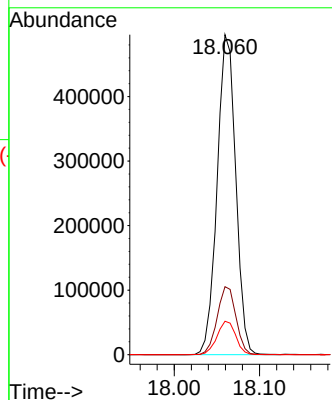
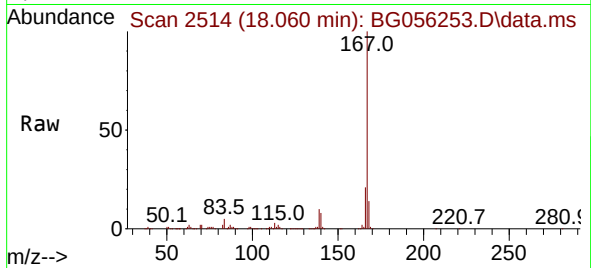




#73
Carbazole
Concen: 49.412 ng
RT: 18.060 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

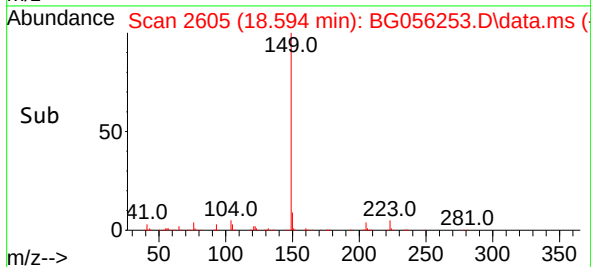
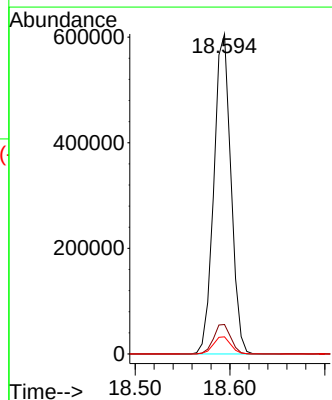
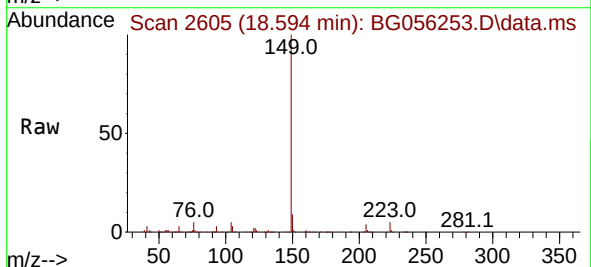
Instrument :
BNA_G
ClientSampleId :
S4-03MS

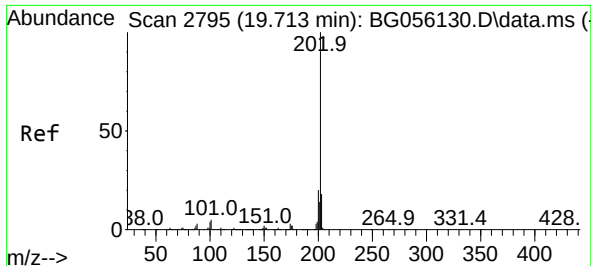
Tgt Ion:167 Resp: 751286
Ion Ratio Lower Upper
167 100
166 21.3 16.8 25.2
139 10.5 8.9 13.3



#74
Di-n-butylphthalate
Concen: 49.885 ng
RT: 18.594 min Scan# 2605
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:149 Resp: 756090
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.3 4.4 6.6

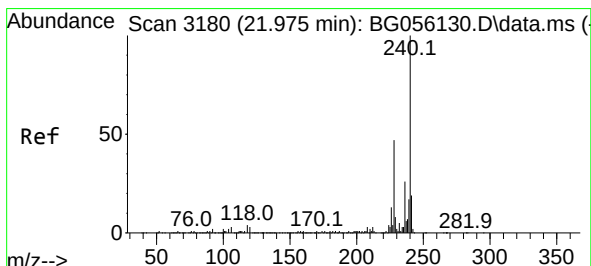
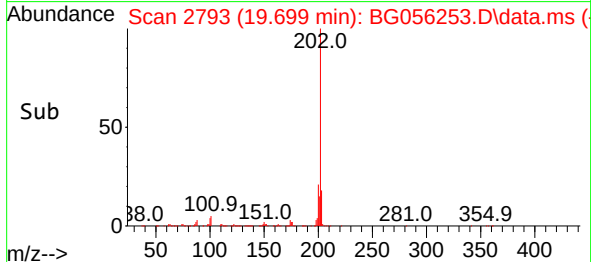
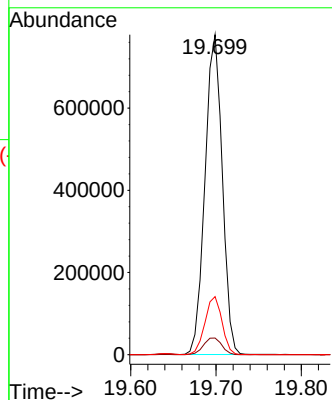
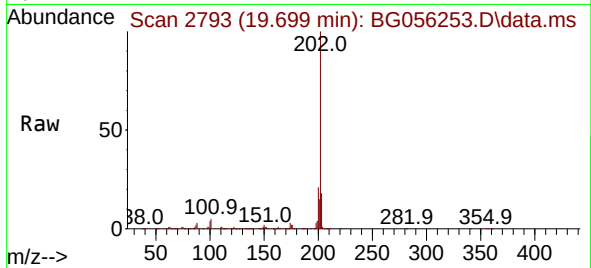




#75
Fluoranthene
Concen: 47.859 ng
RT: 19.699 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

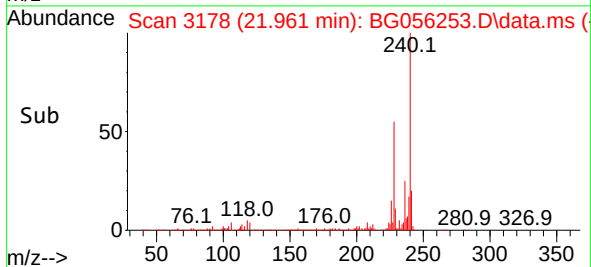
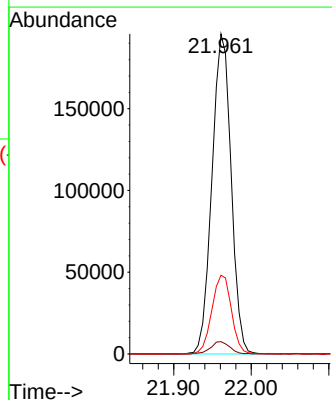
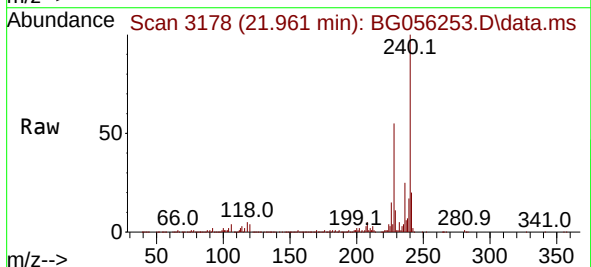
Instrument :
BNA_G
ClientSampleId :
S4-03MS

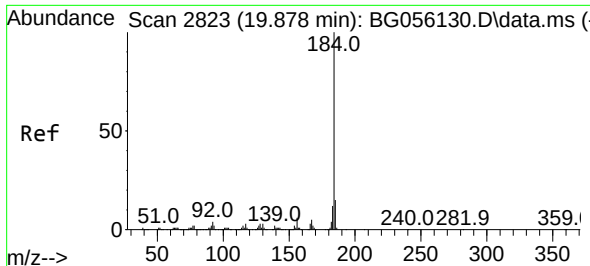
Tgt Ion:202 Resp: 1094655
Ion Ratio Lower Upper
202 100
101 5.2 0.0 25.0
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.961 min Scan# 3178
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:240 Resp: 335768
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 24.6 20.8 31.2

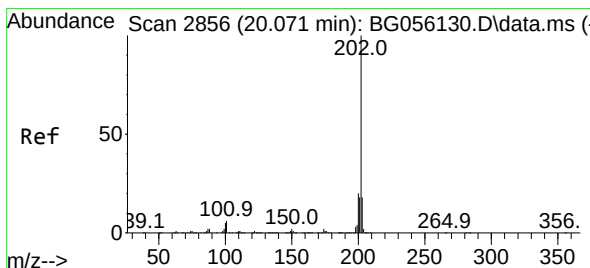
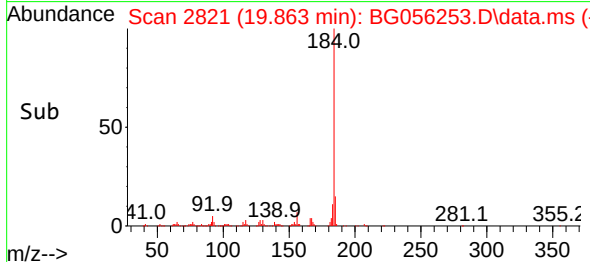
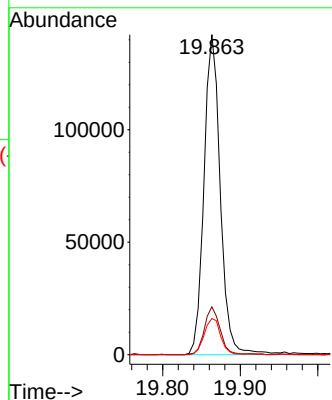
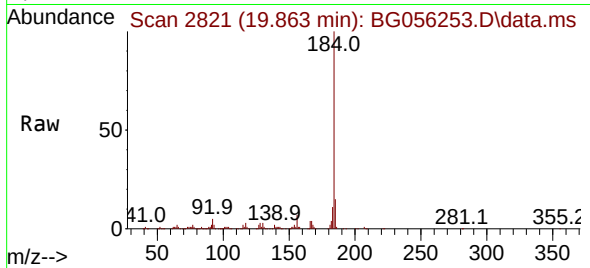




#77
Benzidine
Concen: 17.677 ng
RT: 19.863 min Scan# 2821
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

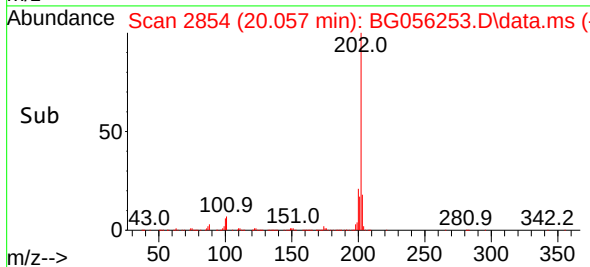
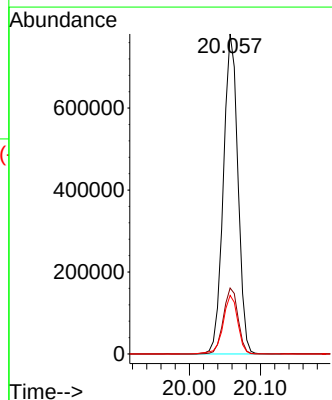
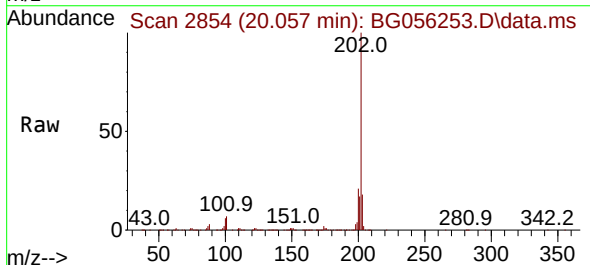
Instrument :
BNA_G
ClientSampleId :
S4-03MS

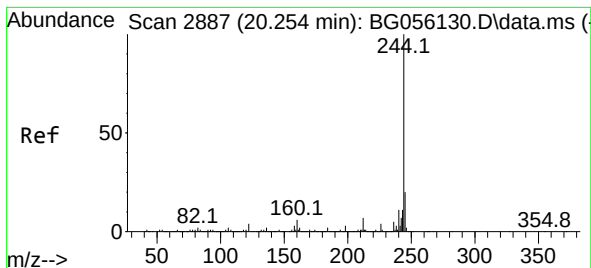
Tgt Ion:184 Resp: 207996
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 11.3 9.4 14.0



#78
Pyrene
Concen: 46.710 ng
RT: 20.057 min Scan# 2854
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:202 Resp: 1105457
Ion Ratio Lower Upper
202 100
200 20.6 16.4 24.6
203 18.3 14.3 21.5





#79

Terphenyl-d14

Concen: 87.415 ng

RT: 20.239 min Scan# 2

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

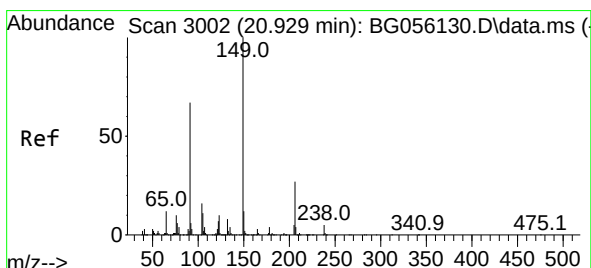
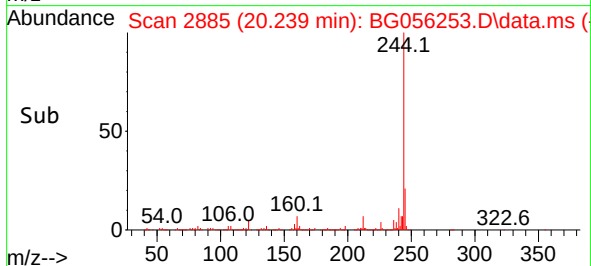
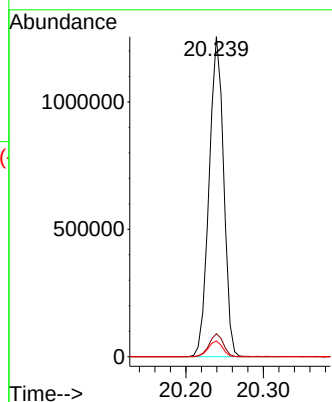
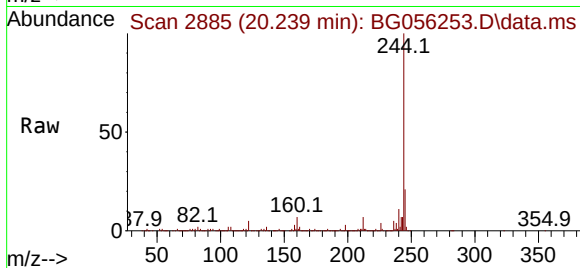
Tgt Ion:244 Resp: 1638771

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 4.9 3.5 5.3



#80

Butylbenzylphthalate

Concen: 48.420 ng

RT: 20.921 min Scan# 3001

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

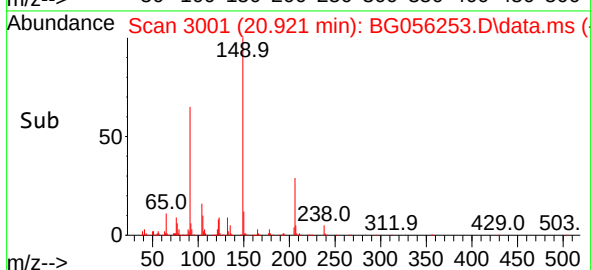
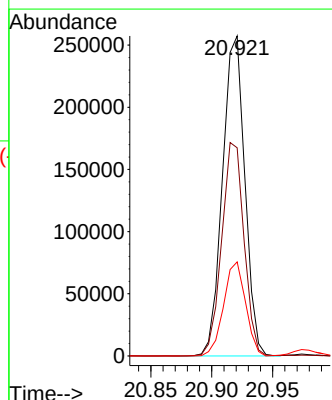
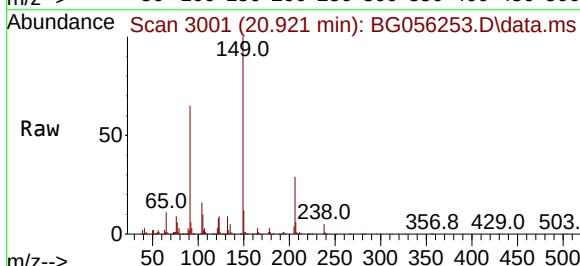
Tgt Ion:149 Resp: 328755

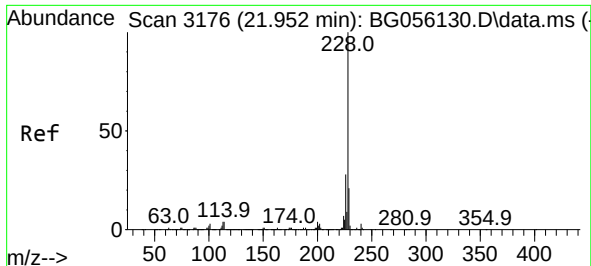
Ion Ratio Lower Upper

149 100

91 65.0 53.5 80.3

206 29.4 21.9 32.9

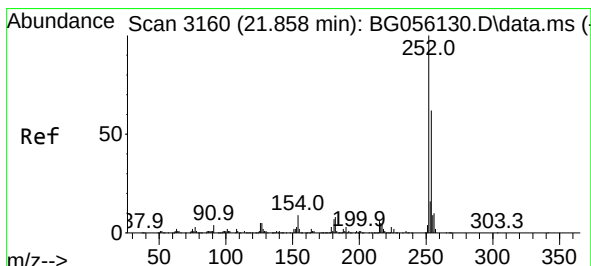
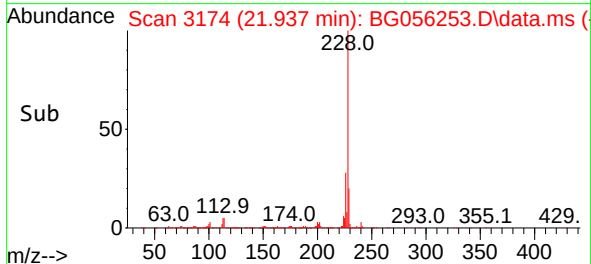
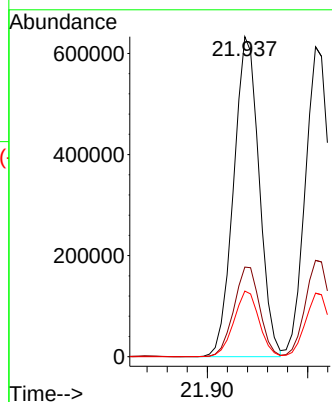
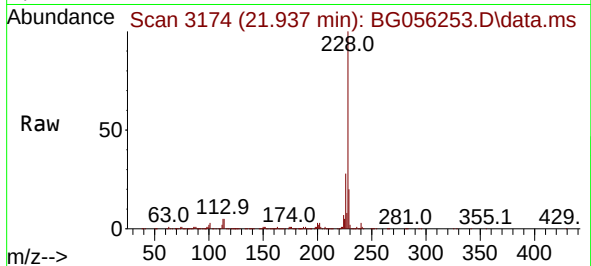




#81
Benzo(a)anthracene
Concen: 47.436 ng
RT: 21.937 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

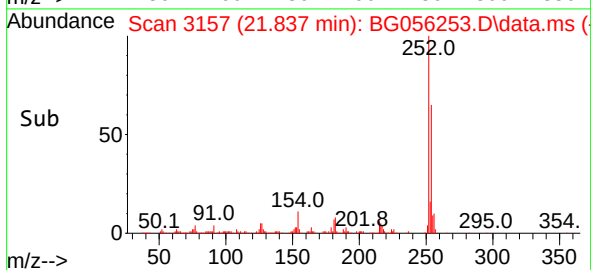
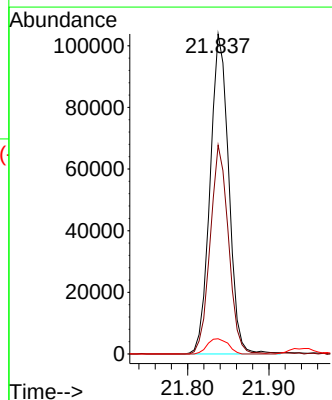
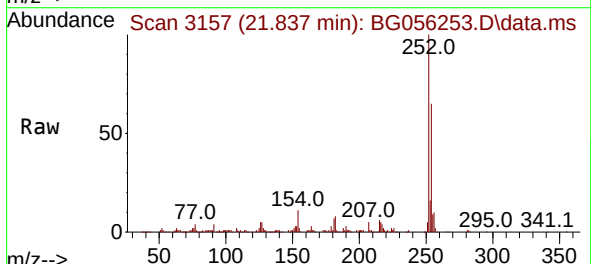
Instrument :
BNA_G
ClientSampleId :
S4-03MS

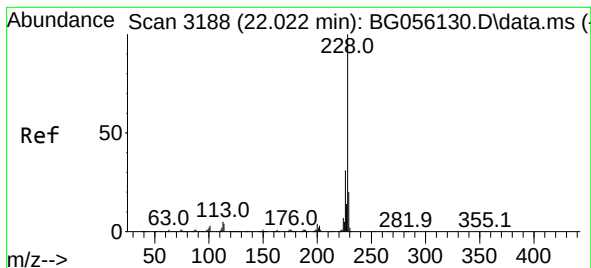
Tgt Ion:228 Resp: 1118702
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 20.5 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 19.440 ng
RT: 21.837 min Scan# 3157
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:252 Resp: 165038
Ion Ratio Lower Upper
252 100
254 65.3 49.5 74.3
126 4.8 4.0 6.0





#83

Chrysene

Concen: 47.027 ng

RT: 22.008 min Scan# 3186

Delta R.T. -0.005 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

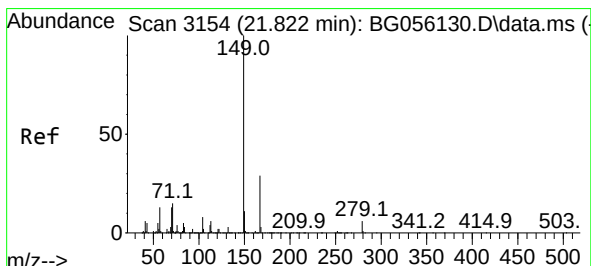
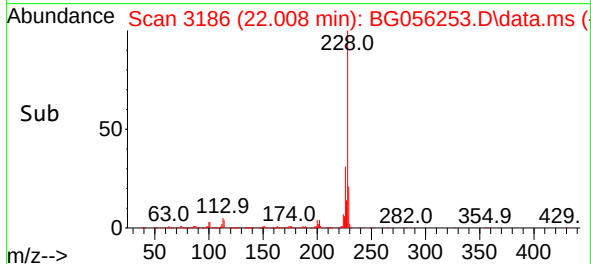
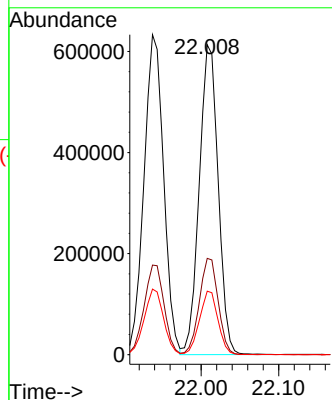
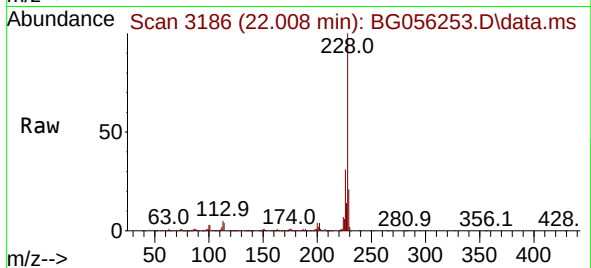
Tgt Ion:228 Resp: 1038855

Ion Ratio Lower Upper

228 100

226 31.1 24.6 36.8

229 20.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.719 ng

RT: 21.808 min Scan# 3152

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

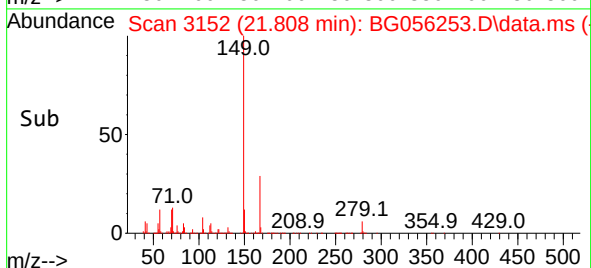
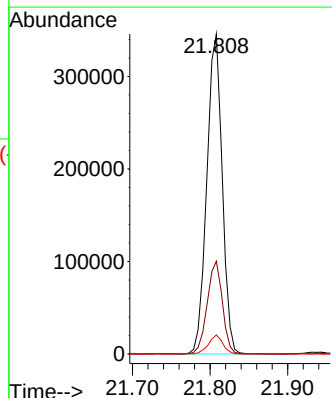
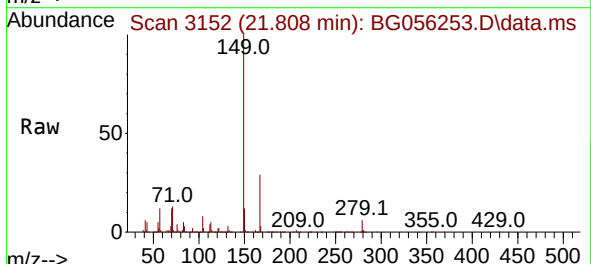
Tgt Ion:149 Resp: 476563

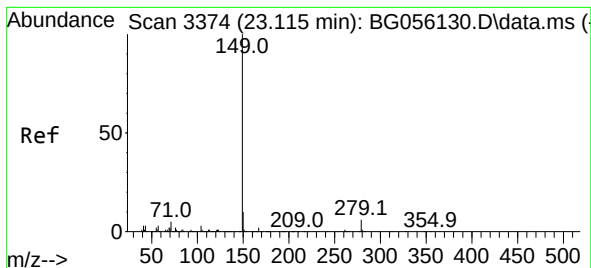
Ion Ratio Lower Upper

149 100

167 29.0 23.4 35.2

279 6.0 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 49.178 ng

RT: 23.089 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

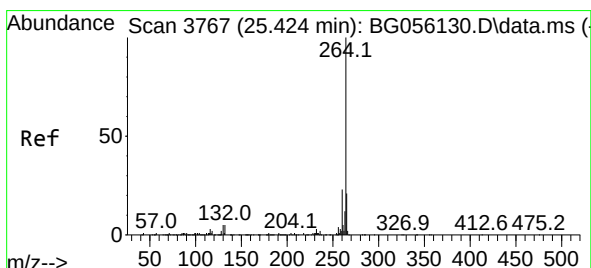
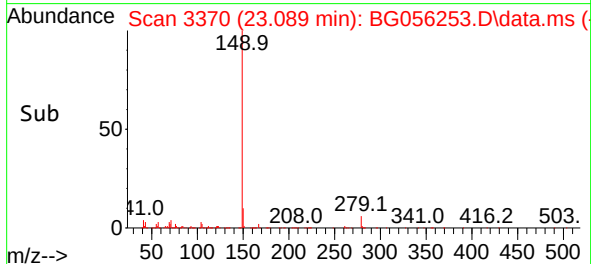
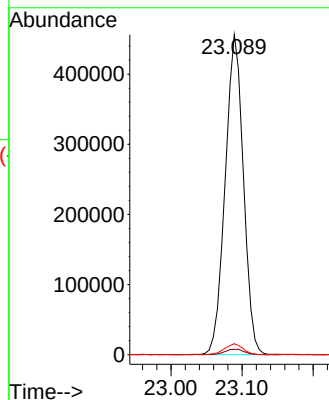
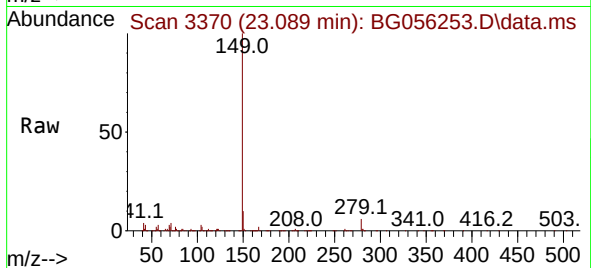
Tgt Ion:149 Resp: 812108

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 3.5 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.398 min Scan# 3763

Delta R.T. -0.005 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

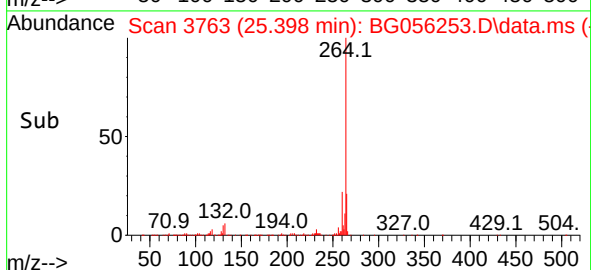
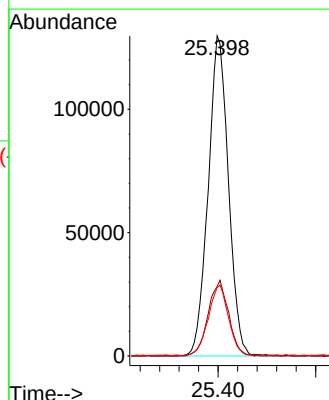
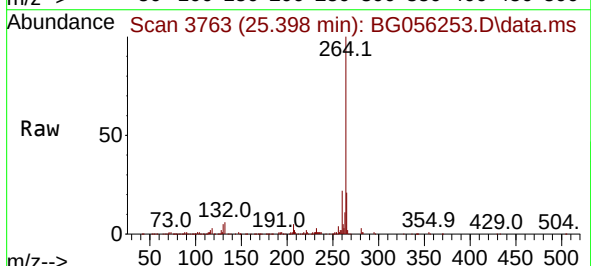
Tgt Ion:264 Resp: 373661

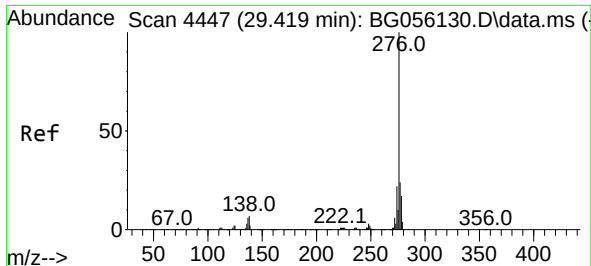
Ion Ratio Lower Upper

264 100

260 21.7 18.6 28.0

265 21.4 16.7 25.1

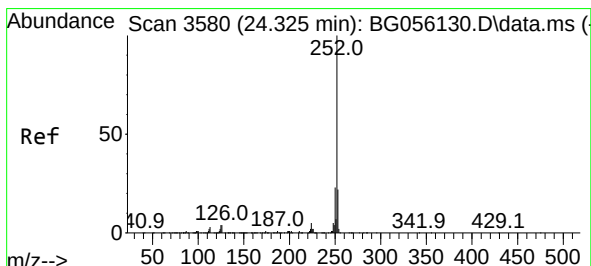
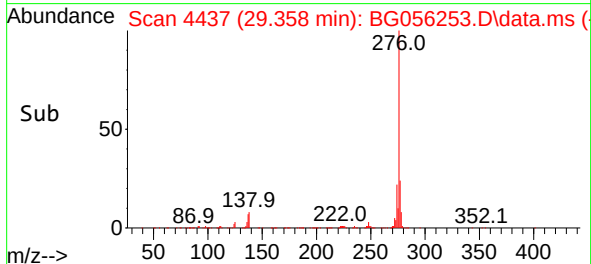
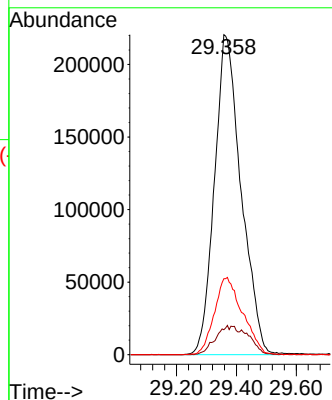
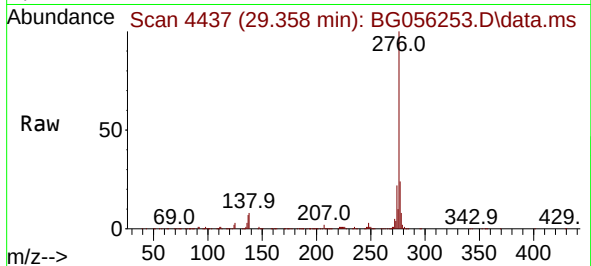




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.126 ng
 RT: 29.358 min Scan# 4447
 Delta R.T. -0.005 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

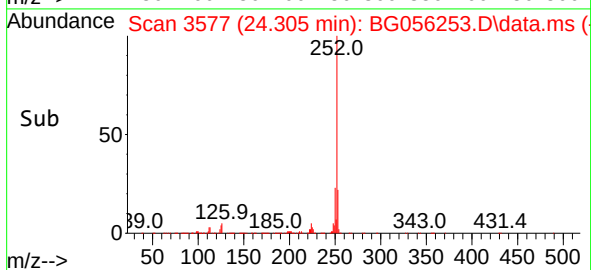
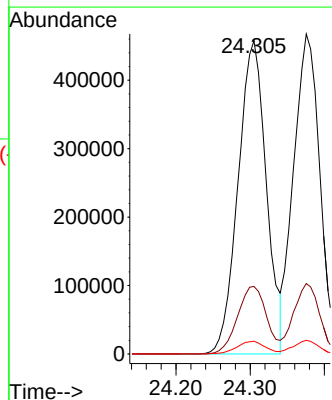
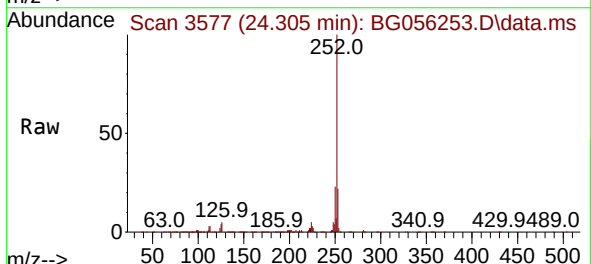
Instrument :
 BNA_G
 ClientSampleId :
 S4-03MS

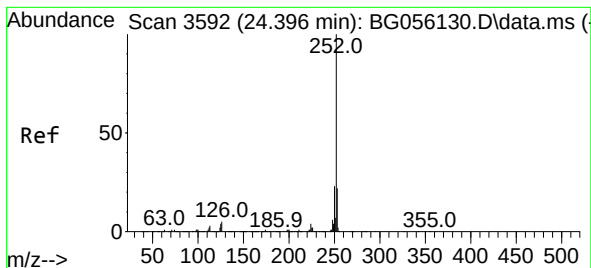
Tgt Ion:276 Resp: 1362188
 Ion Ratio Lower Upper
 276 100
 138 4.8 5.0 7.4#
 277 25.5 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 51.020 ng
 RT: 24.305 min Scan# 3577
 Delta R.T. 0.007 min
 Lab File: BG056253.D
 Acq: 11 Jan 2023 16:40

Tgt Ion:252 Resp: 1211278
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.2
 125 4.1 3.0 4.4





#89

Benzo(k)fluoranthene

Concen: 48.409 ng

RT: 24.376 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

Instrument :

BNA_G

ClientSampleId :

S4-03MS

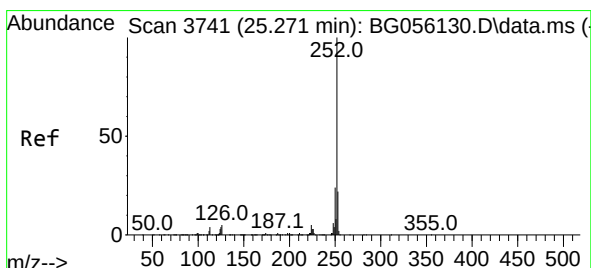
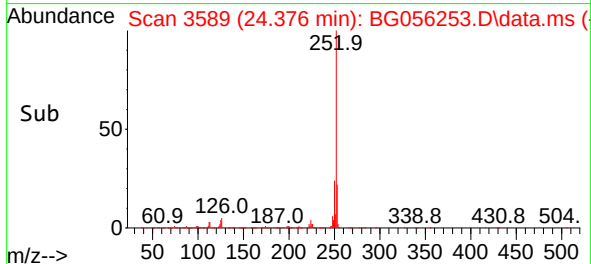
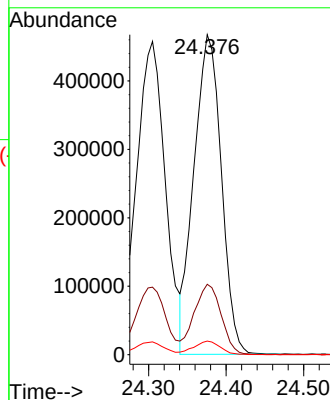
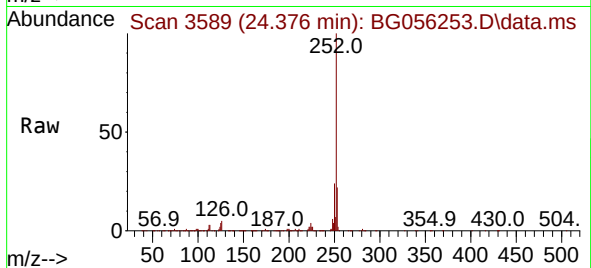
Tgt Ion:252 Resp: 1144457

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 4.3 3.4 5.0



#90

Benzo(a)pyrene

Concen: 45.343 ng

RT: 25.239 min Scan# 3736

Delta R.T. -0.005 min

Lab File: BG056253.D

Acq: 11 Jan 2023 16:40

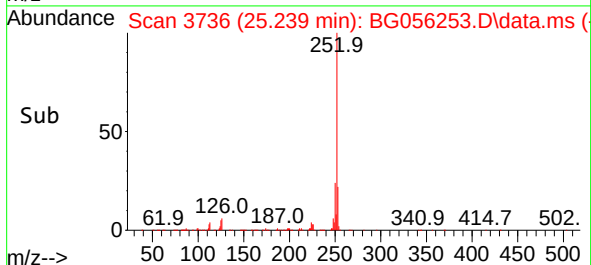
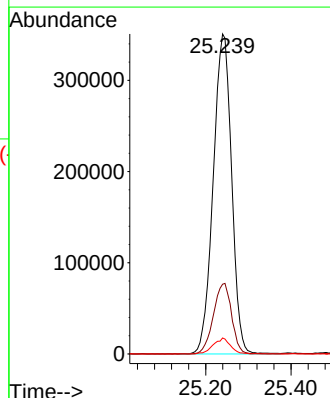
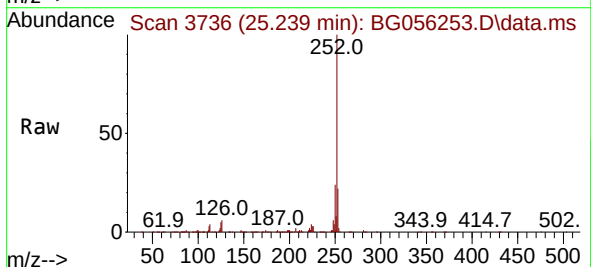
Tgt Ion:252 Resp: 1049955

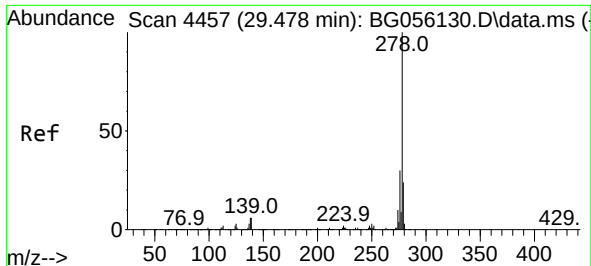
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 5.0 3.2 4.8#

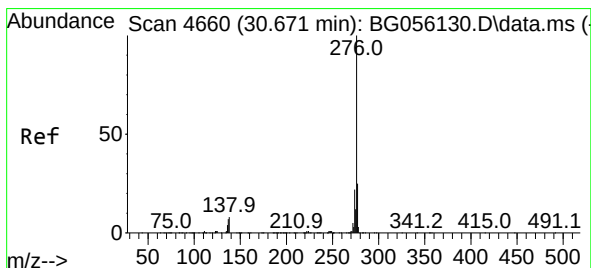
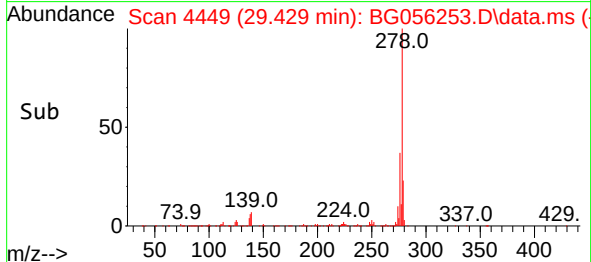
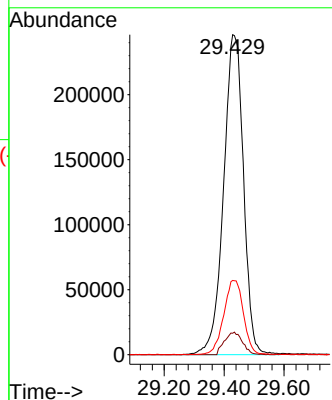
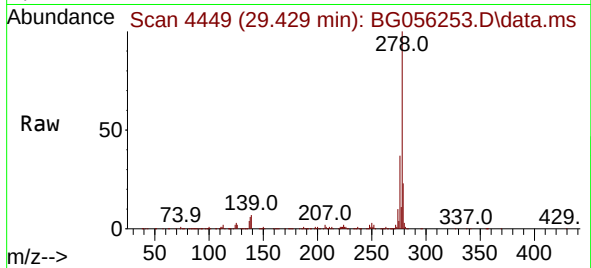




#91
Dibenzo(a,h)anthracene
Concen: 49.855 ng
RT: 29.429 min Scan# 4457
Delta R.T. -0.005 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Instrument :
BNA_G
ClientSampleId :
S4-03MS

Tgt Ion:278 Resp: 1135880
Ion Ratio Lower Upper
278 100
139 6.7 4.8 7.2
279 23.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 50.302 ng
RT: 30.615 min Scan# 4651
Delta R.T. 0.001 min
Lab File: BG056253.D
Acq: 11 Jan 2023 16:40

Tgt Ion:276 Resp: 1111379
Ion Ratio Lower Upper
276 100
277 23.8 19.7 29.5
138 9.6 6.7 10.1

