

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056254.D
 Acq On : 11 Jan 2023 17:21
 Operator : CG/JU
 Sample : 01064-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4-03MSD

Quant Time: Jan 12 04:21:46 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	8.313	152	42689	20.000	ng	0.00
21) Naphthalene-d8	11.145	136	157239	20.000	ng	0.00
39) Acenaphthene-d10	14.929	164	130177	20.000	ng	0.00
64) Phenanthrene-d10	17.667	188	343795	20.000	ng	0.00
76) Chrysene-d12	21.962	240	326436	20.000	ng	# 0.00
86) Perylene-d12	25.399	264	361989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	349198	146.054	ng	0.00
7) Phenol-d6	7.450	99	494970	134.807	ng	0.00
23) Nitrobenzene-d5	9.489	82	256308	83.380	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	232160	140.816	ng	0.00
45) 2-Fluorobiphenyl	13.554	172	769721	81.651	ng	0.00
79) Terphenyl-d14	20.241	244	1612718	88.485	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.642	88	47050	43.084	ng	# 91
3) Pyridine	4.060	79	127113	38.217	ng	# 94
4) n-Nitrosodimethylamine	3.971	42	29869	44.146	ng	85
6) Aniline	7.626	93	90702	18.837	ng	94
8) 2-Chlorophenol	7.873	128	129649	54.493	ng	95
9) Benzaldehyde	7.438	77	65561	30.030	ng	97
10) Phenol	7.479	94	191941	51.547	ng	97
11) bis(2-Chloroethyl)ether	7.720	93	115289	45.688	ng	98
12) 1,3-Dichlorobenzene	8.208	146	146072	50.446	ng	97
13) 1,4-Dichlorobenzene	8.355	146	146512	50.387	ng	100
14) 1,2-Dichlorobenzene	8.672	146	142465	50.778	ng	97
15) Benzyl Alcohol	8.548	79	122493	45.839	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.830	45	22099	49.558	ng	85
17) 2-Methylphenol	8.748	107	131298	48.054	ng	97
18) Hexachloroethane	9.418	117	44965	50.904	ng	97
19) n-Nitroso-di-n-propyla...	9.118	70	90407	40.492	ng	98
20) 3+4-Methylphenols	9.077	107	178859	46.561	ng	95
22) Acetophenone	9.142	105	206071	46.350	ng	100
24) Nitrobenzene	9.530	77	140243	46.037	ng	98
25) Isophorone	10.053	82	270224	41.780	ng	96
26) 2-Nitrophenol	10.246	139	76950	49.369	ng	98
27) 2,4-Dimethylphenol	10.293	122	140867	49.551	ng	98
28) bis(2-Chloroethoxy)met...	10.528	93	159685	47.503	ng	98
29) 2,4-Dichlorophenol	10.781	162	164282	52.270	ng	97
30) 1,2,4-Trichlorobenzene	11.004	180	176282	49.425	ng	97
31) Naphthalene	11.198	128	392964	47.487	ng	99
32) Benzoic acid	10.417	122	93743	44.442	ng	97
33) 4-Chloroaniline	11.298	127	46504	11.770	ng	98
34) Hexachlorobutadiene	11.474	225	123388	48.101	ng	94
35) Caprolactam	12.062	113	34982	32.875	ng	96
36) 4-Chloro-3-methylphenol	12.391	107	154744	48.521	ng	97
37) 2-Methylnaphthalene	12.779	142	308622	44.169	ng	100
38) 1-Methylnaphthalene	12.996	142	286466	44.149	ng	97
40) 1,2,4,5-Tetrachloroben...	13.143	216	232501	47.653	ng	99
41) Hexachlorocyclopentadiene	13.120	237	296379	106.548	ng	96
43) 2,4,6-Trichlorophenol	13.372	196	163092	50.552	ng	96

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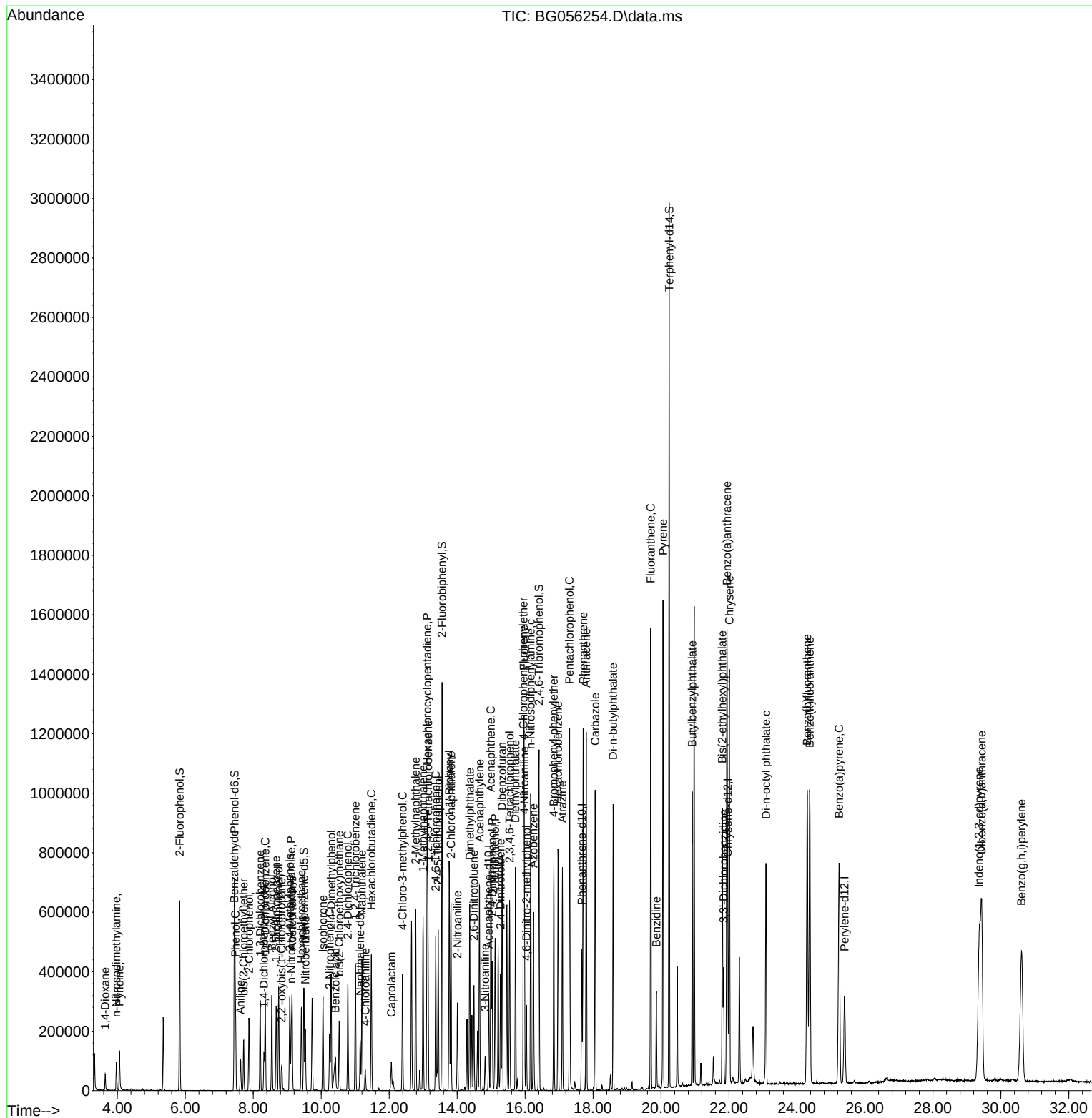
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.443	196	182909	47.927	ng	98
46) 1,1'-Biphenyl	13.766	154	454954	48.800	ng	98
47) 2-Chloronaphthalene	13.819	162	360777	49.027	ng	97
48) 2-Nitroaniline	14.007	65	76054	48.508	ng	99
49) Acenaphthylene	14.659	152	559266	46.703	ng	99
50) Dimethylphthalate	14.371	163	482711	45.935	ng	99
51) 2,6-Dinitrotoluene	14.494	165	106403	47.518	ng	94
52) Acenaphthene	14.994	154	348045	44.688	ng	99
53) 3-Nitroaniline	14.823	138	37569	17.629	ng	93
54) 2,4-Dinitrophenol	15.029	184	151671	94.814	ng	96
55) Dibenzofuran	15.323	168	602185	46.723	ng	98
56) 4-Nitrophenol	15.117	139	164095	100.120	ng	91
57) 2,4-Dinitrotoluene	15.276	165	152078	48.563	ng	90
58) Fluorene	15.969	166	485500	46.834	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.546	232	176957	49.383	ng	96
60) Diethylphthalate	15.717	149	450225	45.684	ng	99
61) 4-Chlorophenyl-phenyle...	15.952	204	298380	46.123	ng	99
62) 4-Nitroaniline	15.981	138	96542	44.226	ng	96
63) Azobenzene	16.245	77	358269	47.109	ng	98
65) 4,6-Dinitro-2-methylph...	16.040	198	109762	47.387	ng	94
66) n-Nitrosodiphenylamine	16.163	169	448669	47.037	ng	98
67) 4-Bromophenyl-phenylether	16.845	248	205294	46.893	ng	99
68) Hexachlorobenzene	16.968	284	205066	50.206	ng	96
69) Atrazine	17.097	200	196847	49.794	ng	96
70) Pentachlorophenol	17.309	266	269548	85.910	ng	98
71) Phenanthrene	17.708	178	849747	47.694	ng	98
72) Anthracene	17.796	178	871542	47.421	ng	100
73) Carbazole	18.061	167	745468	48.254	ng	99
74) Di-n-butylphthalate	18.590	149	757104	49.162	ng	100
75) Fluoranthene	19.694	202	1083521	46.623	ng	99
77) Benzidine	19.865	184	221757	19.385	ng	99
78) Pyrene	20.058	202	1095065	47.594	ng	99
80) Butylbenzylphthalate	20.916	149	323616	49.025	ng	99
81) Benzo(a)anthracene	21.939	228	1103080	48.111	ng	99
82) 3,3'-Dichlorobenzidine	21.839	252	172402	20.888	ng	100
83) Chrysene	22.009	228	1026435	47.793	ng	99
84) Bis(2-ethylhexyl)phtha...	21.804	149	469159	49.333	ng	99
85) Di-n-octyl phthalate	23.090	149	803119	50.024	ng	100
87) Indeno(1,2,3-cd)pyrene	29.359	276	1327308	50.418	ng	# 99
88) Benzo(b)fluoranthene	24.301	252	1167009	50.741	ng	100
89) Benzo(k)fluoranthene	24.377	252	1137662	49.673	ng	99
90) Benzo(a)pyrene	25.241	252	1026952	45.779	ng	99
91) Dibenzo(a,h)anthracene	29.436	278	1109497	50.268	ng	99
92) Benzo(g,h,i)perylene	30.605	276	1074366	50.195	ng	97

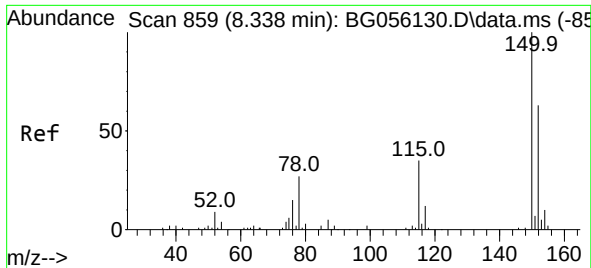
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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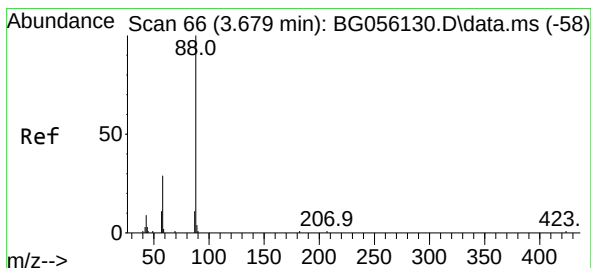
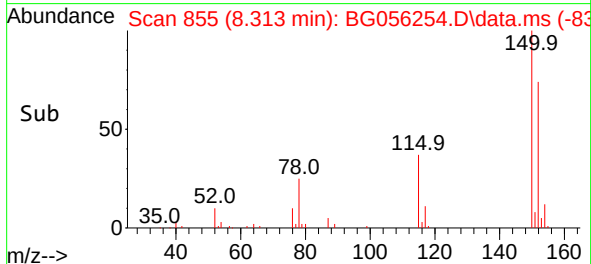
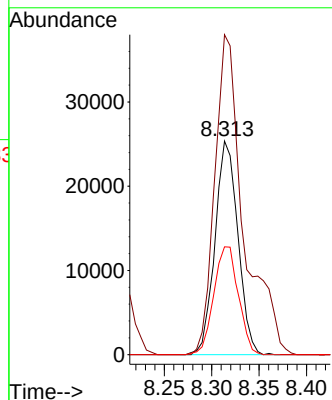
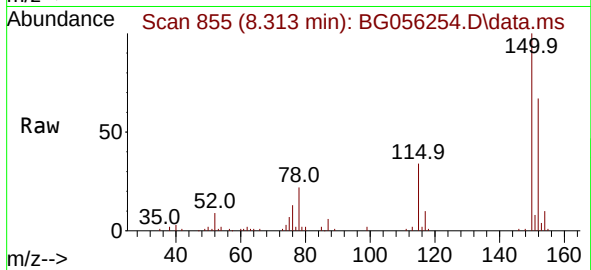




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.313 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG056254.D
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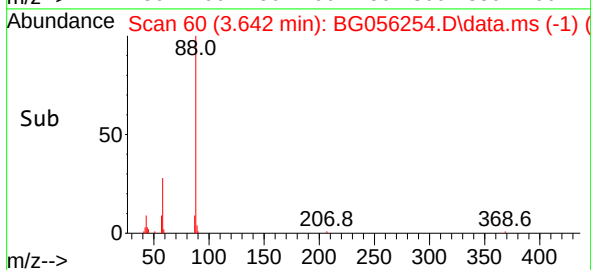
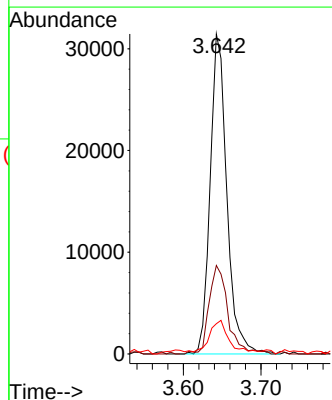
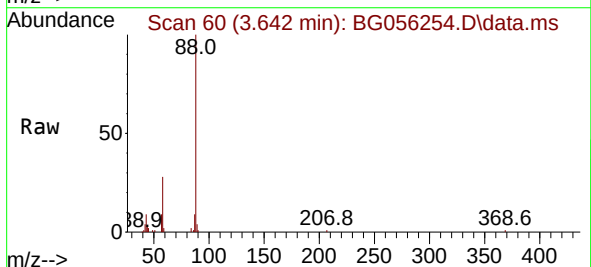
Instrument :
 BNA_G
 ClientSampleId :
 S4-03MSD

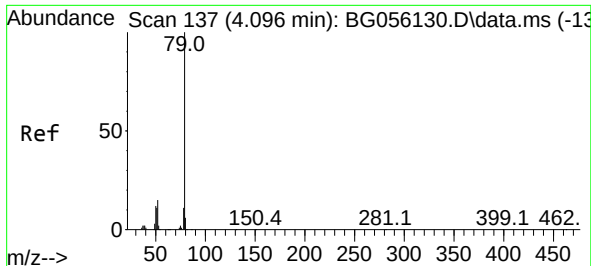
Tgt Ion:152 Resp: 42689
 Ion Ratio Lower Upper
 152 100
 150 149.8 127.9 191.9
 115 50.5 44.2 66.2



#2
 1,4-Dioxane
 Concen: 43.084 ng
 RT: 3.642 min Scan# 60
 Delta R.T. -0.003 min
 Lab File: BG056254.D
 Acq: 11 Jan 2023 17:21

Tgt Ion: 88 Resp: 47050
 Ion Ratio Lower Upper
 88 100
 58 31.4 21.4 32.0
 43 12.6 7.1 10.7#

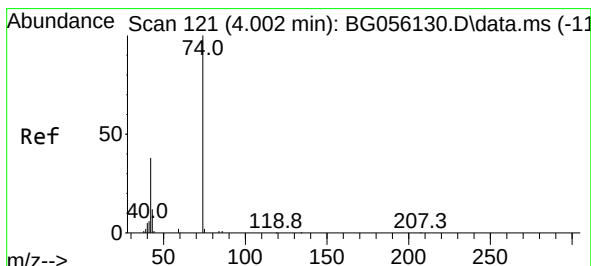
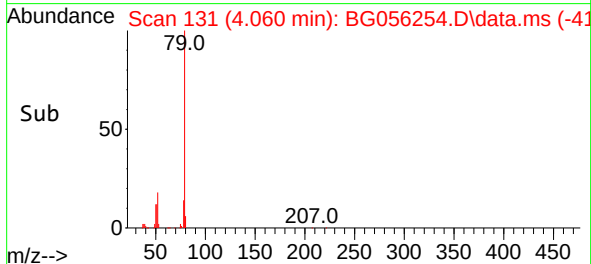
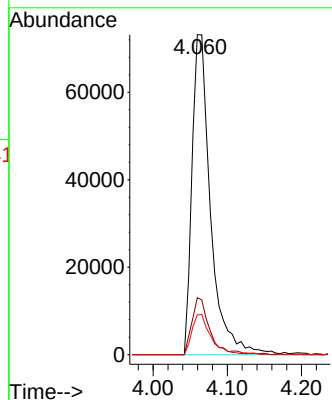
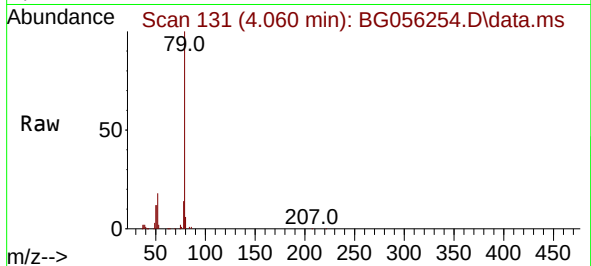




#3
Pyridine
Concen: 38.217 ng
RT: 4.060 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

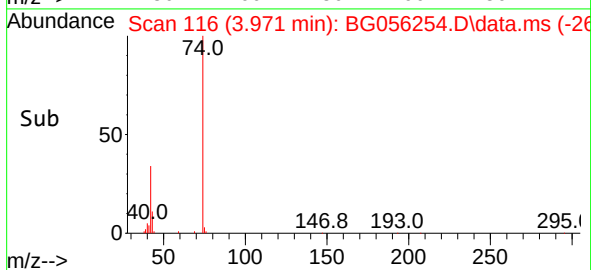
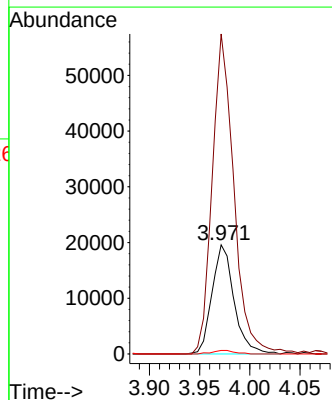
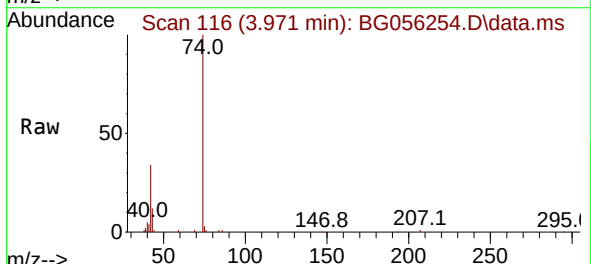
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

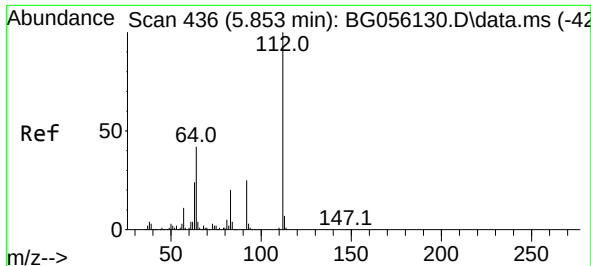
Tgt Ion: 79 Resp: 127113
Ion Ratio Lower Upper
79 100
52 17.8 11.8 17.6#
51 12.5 8.8 13.2



#4
n-Nitrosodimethylamine
Concen: 44.146 ng
RT: 3.971 min Scan# 116
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion: 42 Resp: 29869
Ion Ratio Lower Upper
42 100
74 293.4 212.6 319.0
44 3.2 2.6 3.8

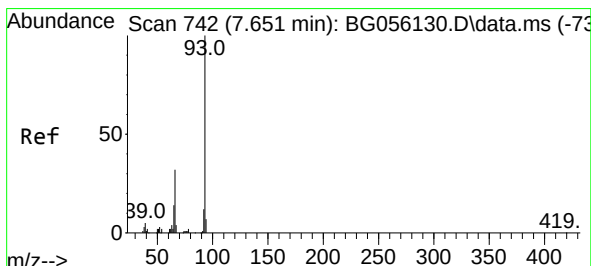
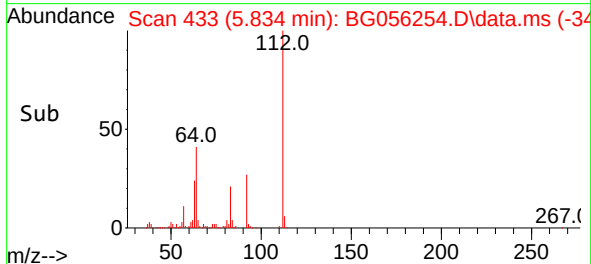
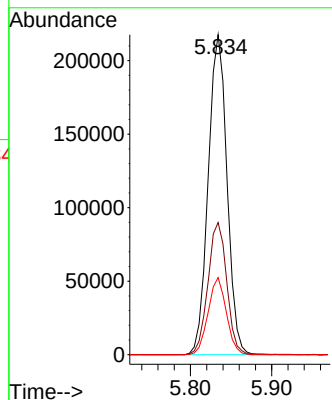
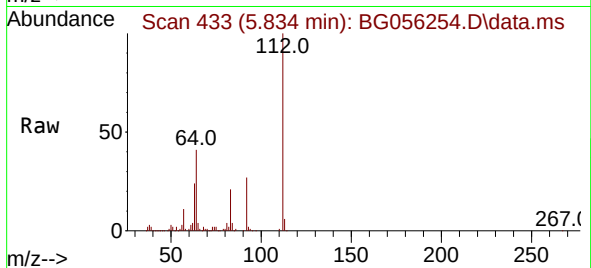




#5
2-Fluorophenol
Concen: 146.054 ng
RT: 5.834 min Scan# 411
Delta R.T. 0.008 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

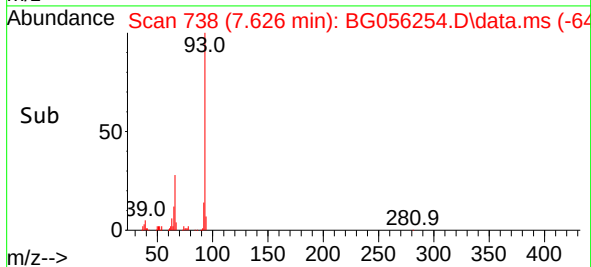
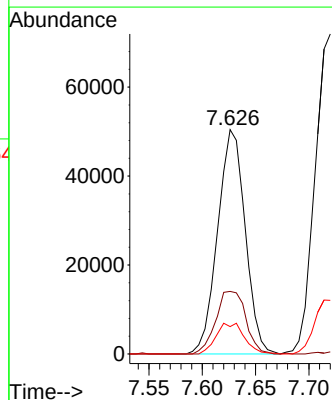
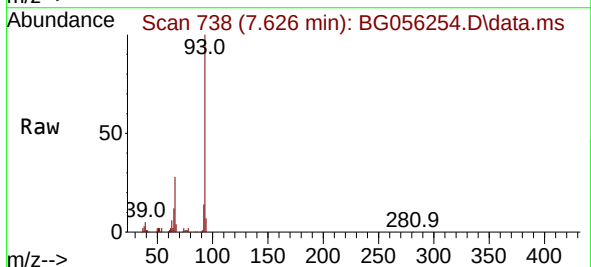
Instrument :
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ClientSampleId :
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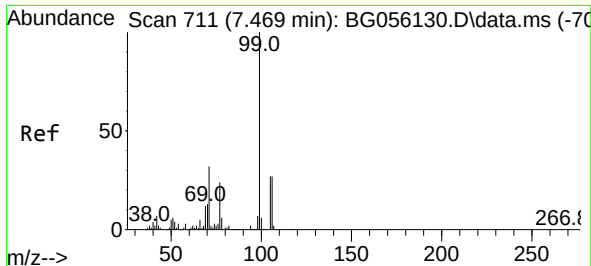
Tgt Ion:112 Resp: 349198
Ion Ratio Lower Upper
112 100
64 41.3 33.3 49.9
63 24.1 19.0 28.4



#6
Aniline
Concen: 18.837 ng
RT: 7.626 min Scan# 738
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion: 93 Resp: 90702
Ion Ratio Lower Upper
93 100
66 27.9 25.4 38.2
65 12.2 11.4 17.2

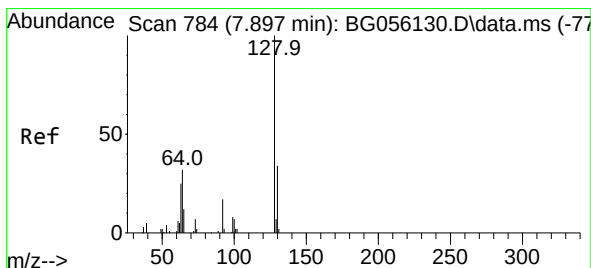
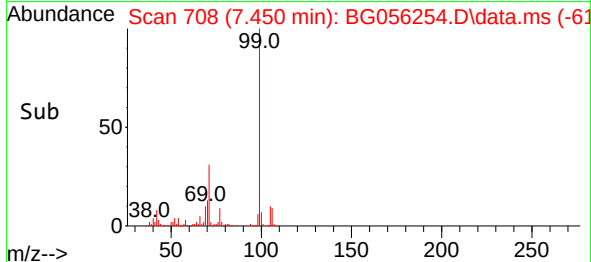
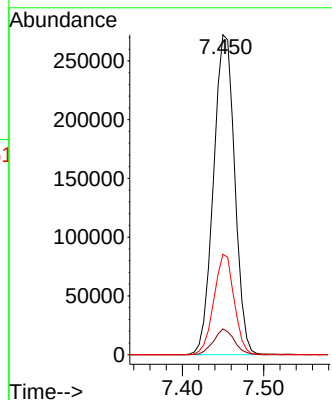
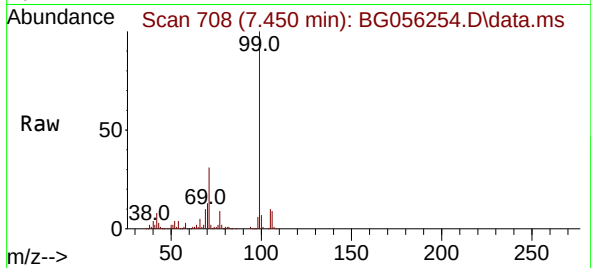




#7
Phenol-d6
Concen: 134.807 ng
RT: 7.450 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056254.D
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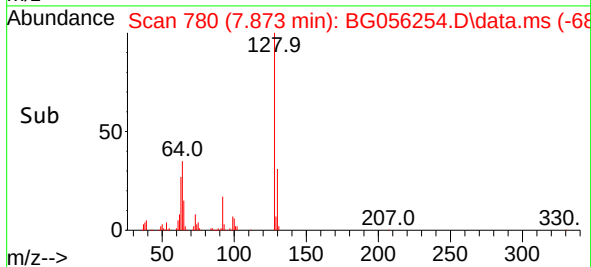
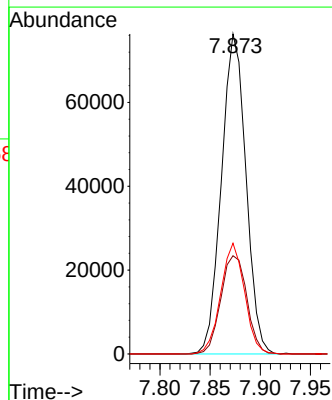
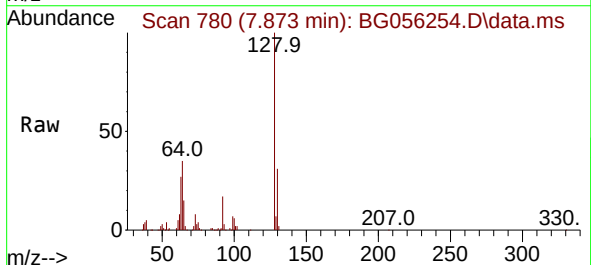
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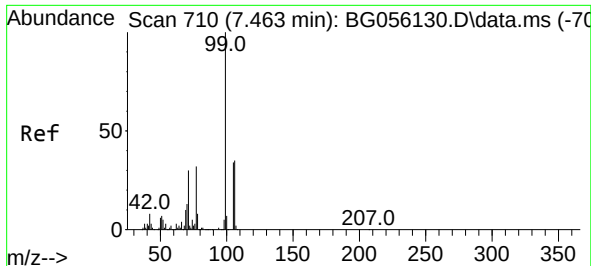
Tgt Ion: 99 Resp: 494970
Ion Ratio Lower Upper
99 100
42 8.0 5.9 8.9
71 31.4 25.4 38.2



#8
2-Chlorophenol
Concen: 54.493 ng
RT: 7.873 min Scan# 780
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:128 Resp: 129649
Ion Ratio Lower Upper
128 100
130 30.7 13.5 53.5
64 34.6 18.0 58.0

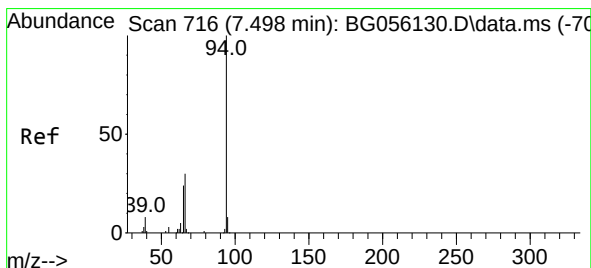
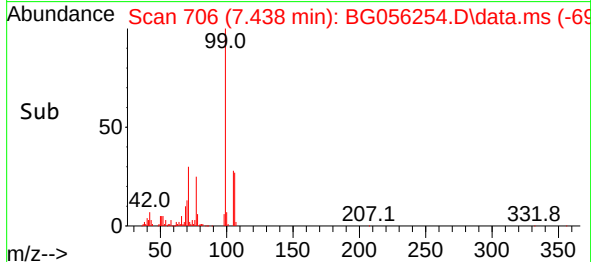
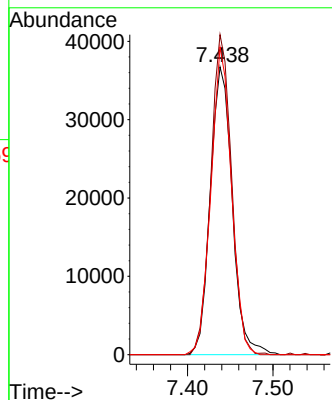
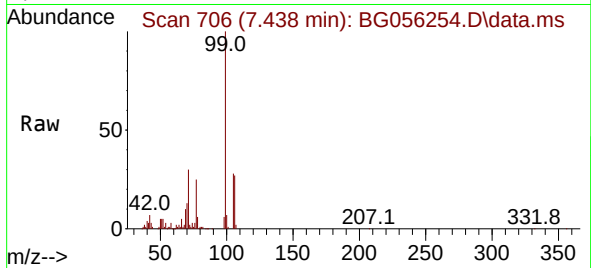




#9
Benzaldehyde
Concen: 30.030 ng
RT: 7.438 min Scan# 706
Delta R.T. -0.003 min
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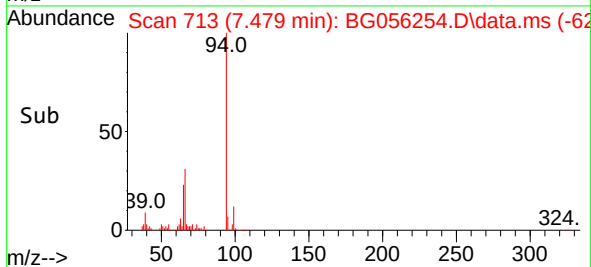
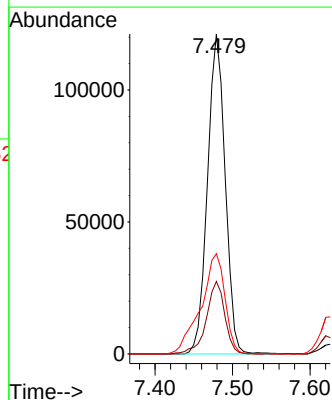
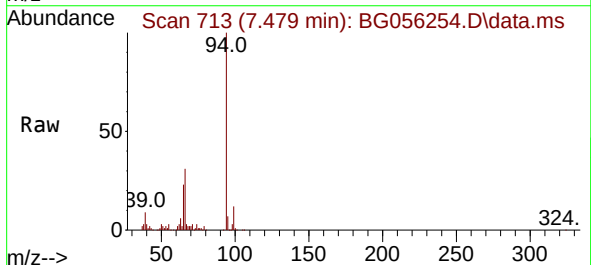
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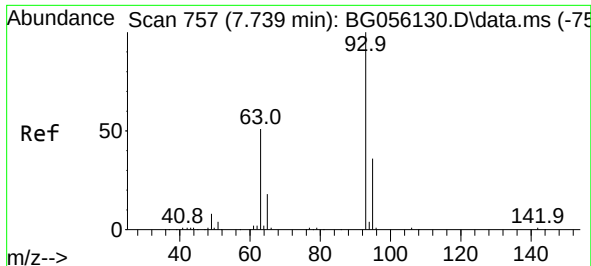
Tgt Ion: 77 Resp: 65561
Ion Ratio Lower Upper
77 100
105 111.2 86.8 126.8
106 106.9 89.3 129.3



#10
Phenol
Concen: 51.547 ng
RT: 7.479 min Scan# 713
Delta R.T. 0.003 min
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Tgt Ion: 94 Resp: 191941
Ion Ratio Lower Upper
94 100
65 22.6 4.3 44.3
66 31.4 13.2 53.2

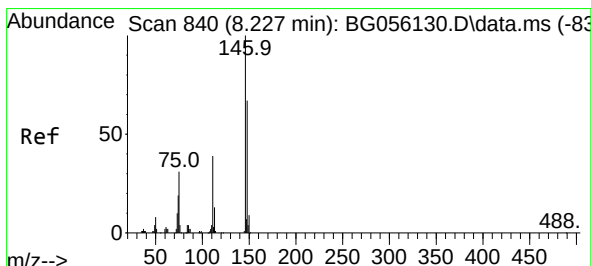
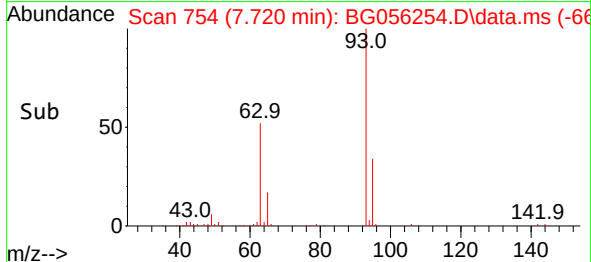
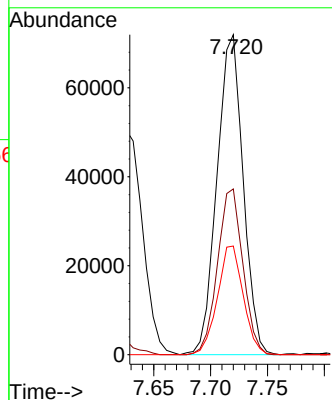
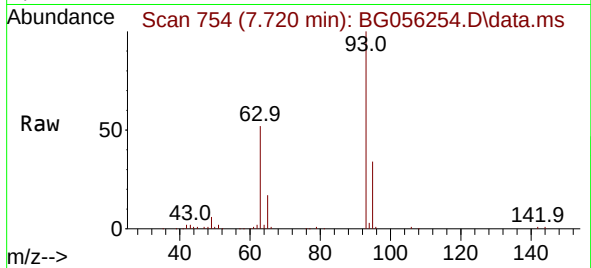




#11
bis(2-Chloroethyl)ether
Concen: 45.688 ng
RT: 7.720 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

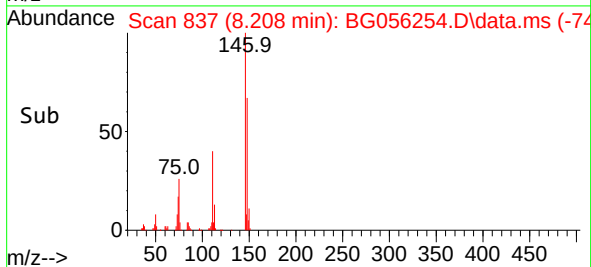
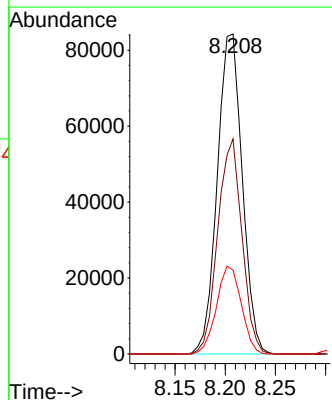
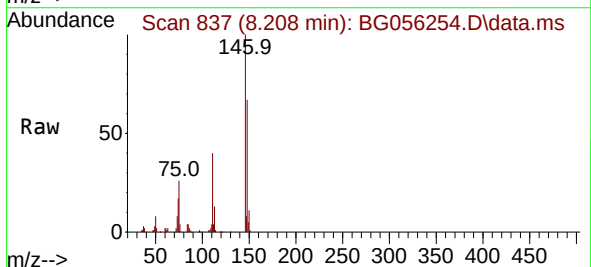
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

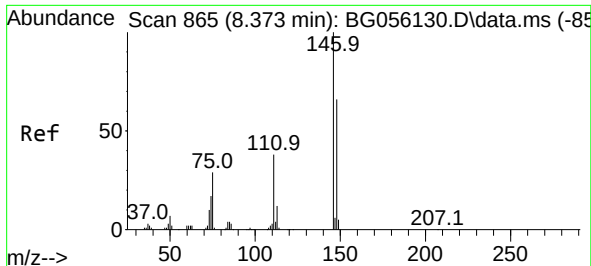
Tgt Ion: 93 Resp: 115289
Ion Ratio Lower Upper
93 100
63 51.8 30.5 70.5
95 34.0 15.9 55.9



#12
1,3-Dichlorobenzene
Concen: 50.446 ng
RT: 8.208 min Scan# 837
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:146 Resp: 146072
Ion Ratio Lower Upper
146 100
148 67.2 53.5 80.3
75 26.2 24.8 37.2

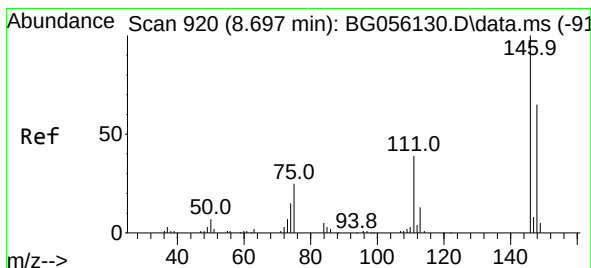
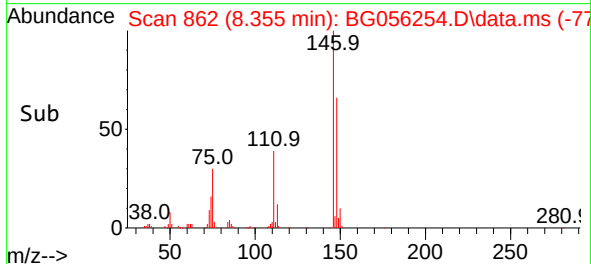
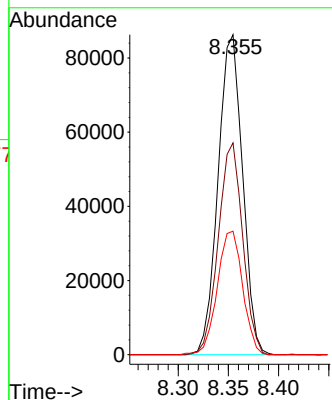
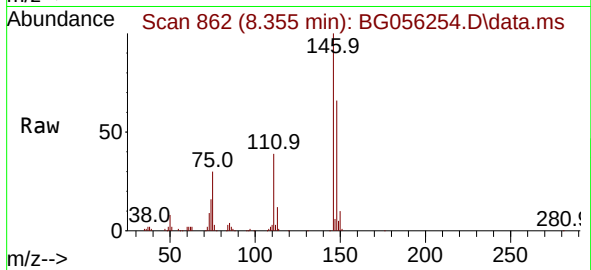




#13
1,4-Dichlorobenzene
Concen: 50.387 ng
RT: 8.355 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

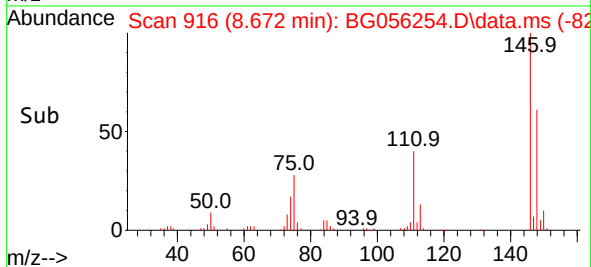
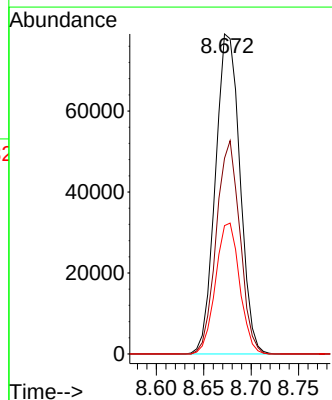
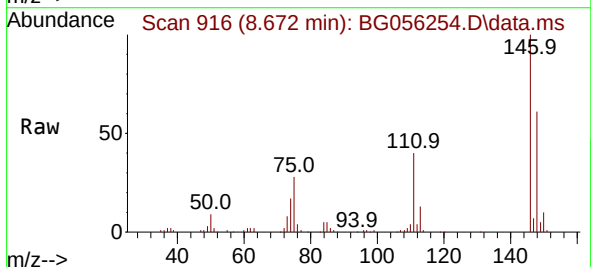
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

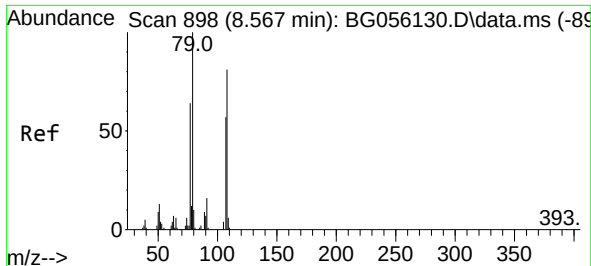
Tgt Ion:146 Resp: 146512
Ion Ratio Lower Upper
146 100
148 66.2 52.8 79.2
111 38.6 30.5 45.7



#14
1,2-Dichlorobenzene
Concen: 50.778 ng
RT: 8.672 min Scan# 916
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:146 Resp: 142465
Ion Ratio Lower Upper
146 100
148 61.1 51.7 77.5
111 40.1 31.5 47.3

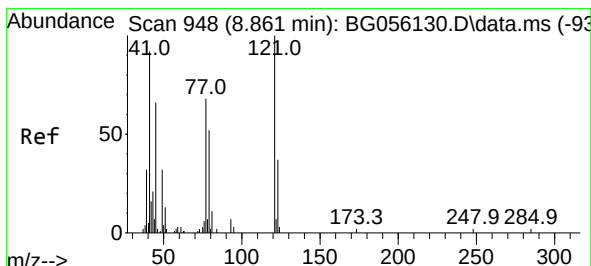
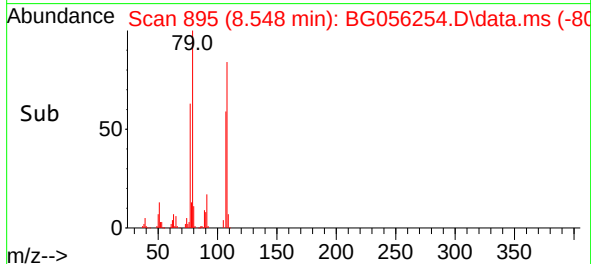
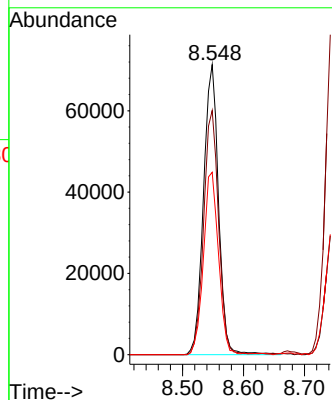
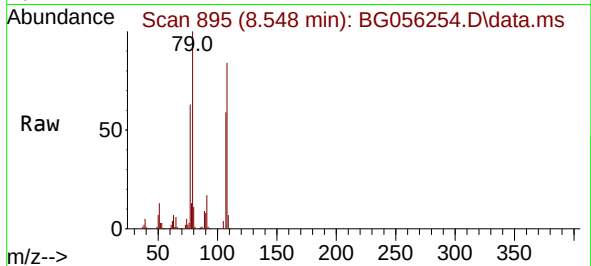




#15
Benzyl Alcohol
Concen: 45.839 ng
RT: 8.548 min Scan# 898
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

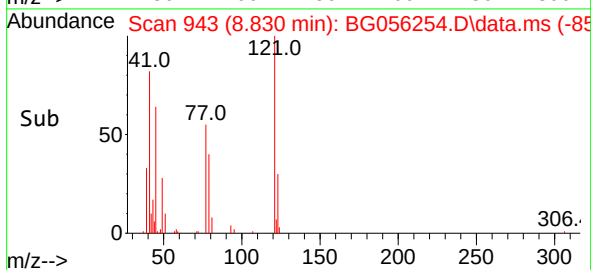
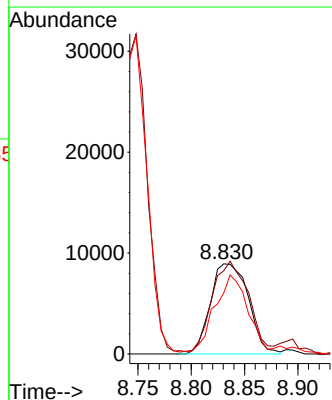
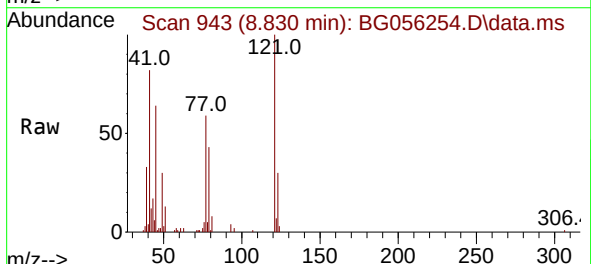
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

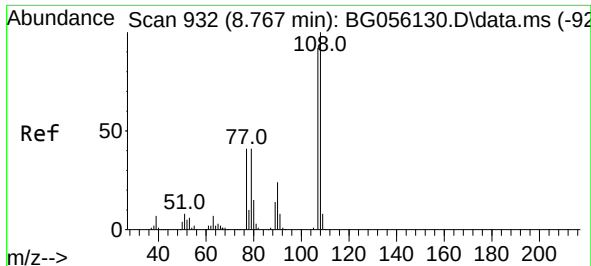
Tgt Ion: 79 Resp: 122493
Ion Ratio Lower Upper
79 100
108 84.2 64.7 97.1
77 62.9 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.558 ng
RT: 8.830 min Scan# 943
Delta R.T. -0.009 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion: 45 Resp: 22099
Ion Ratio Lower Upper
45 100
77 92.3 88.2 128.2
79 67.6 61.2 101.2





#17

2-Methylphenol

Concen: 48.054 ng

RT: 8.748 min Scan# 91

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

Instrument :

BNA_G

ClientSampleId :

S4-03MSD

Tgt Ion:107 Resp: 131298

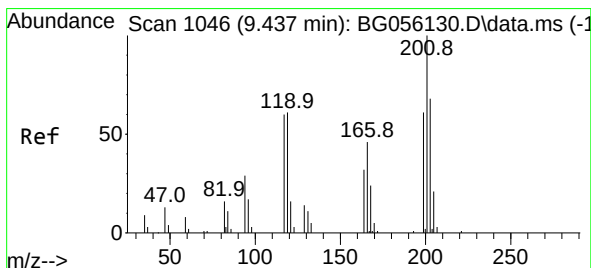
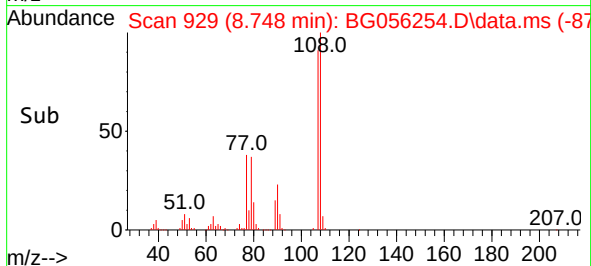
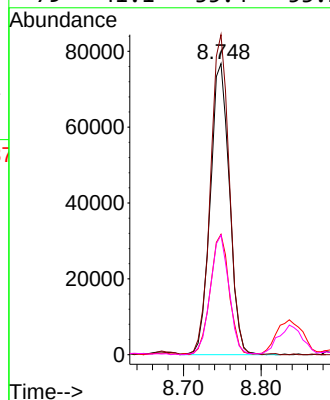
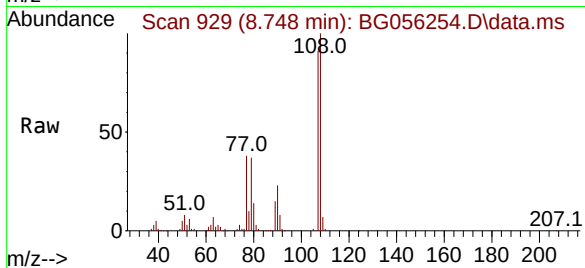
Ion Ratio Lower Upper

107 100

108 110.0 86.6 129.8

77 41.3 35.4 53.2

79 41.1 35.4 53.2



#18

Hexachloroethane

Concen: 50.904 ng

RT: 9.418 min Scan# 1043

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

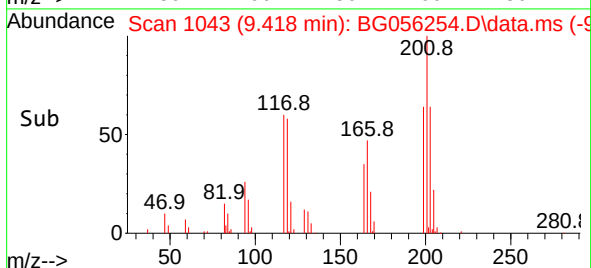
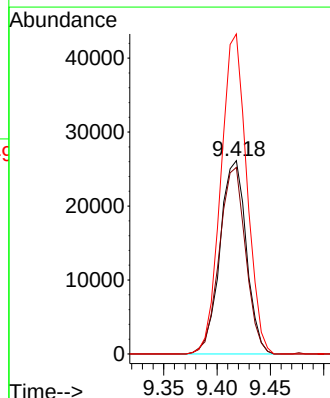
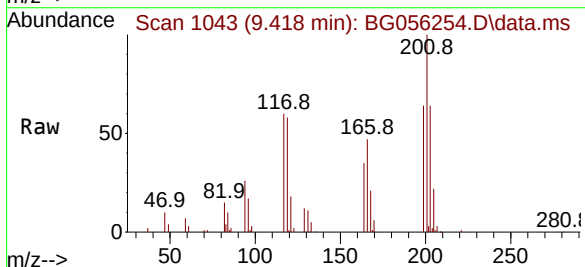
Tgt Ion:117 Resp: 44965

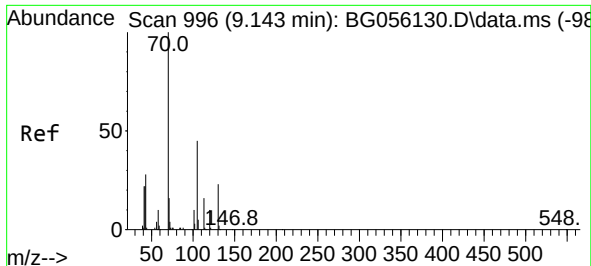
Ion Ratio Lower Upper

117 100

119 96.5 81.8 122.6

201 165.6 134.2 201.2

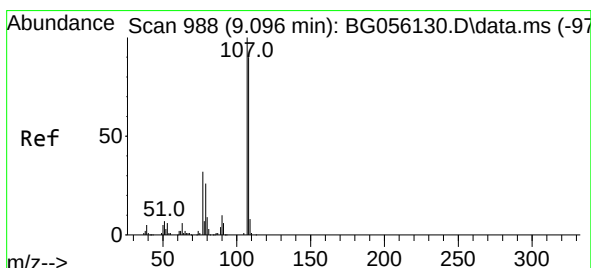
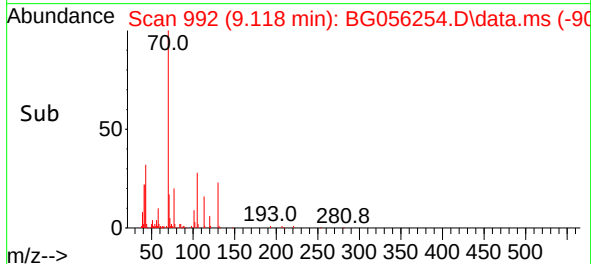
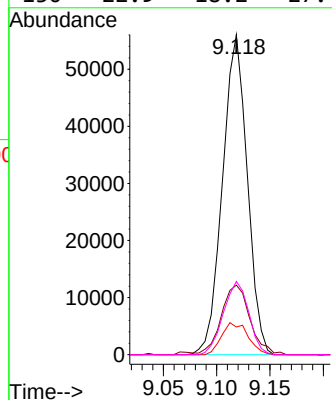
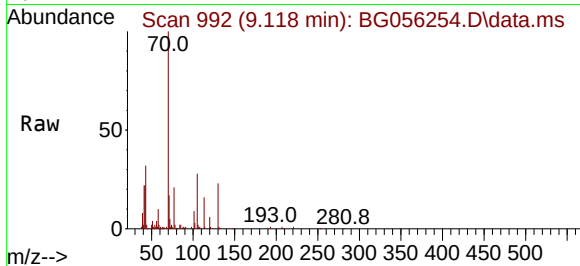




#19
n-Nitroso-di-n-propylamine
Concen: 40.492 ng
RT: 9.118 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

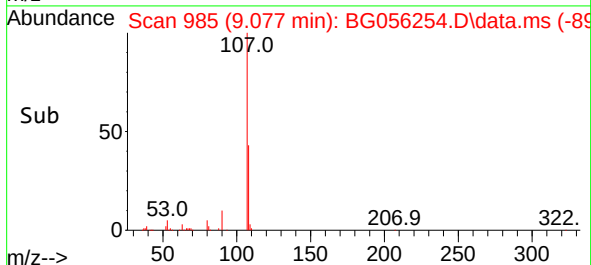
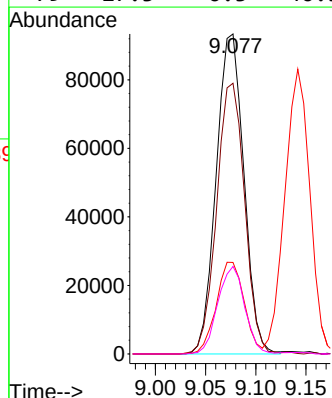
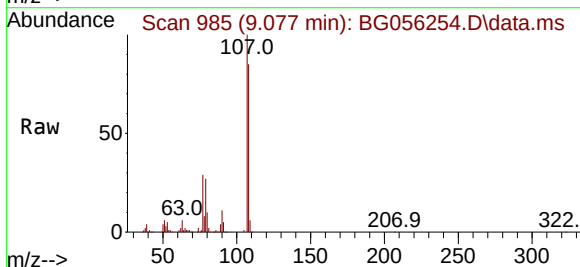
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

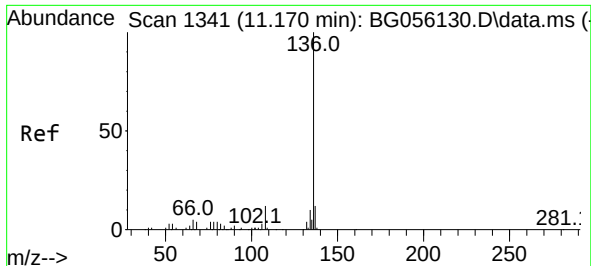
Tgt Ion:	70	Resp:	90407
Ion	Ratio	Lower	Upper
70	100		
42	21.8	18.2	27.2
101	8.7	8.3	12.5
130	22.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 46.561 ng
RT: 9.077 min Scan# 985
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:	107	Resp:	178859
Ion	Ratio	Lower	Upper
107	100		
108	84.6	69.6	109.6
77	28.6	11.7	51.7
79	27.3	6.3	46.3

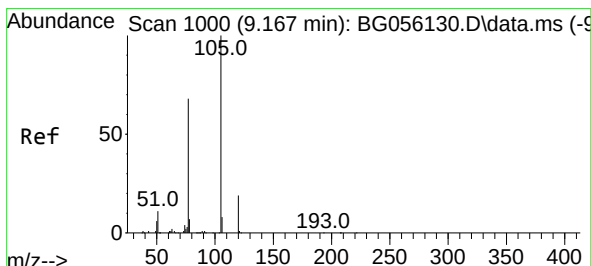
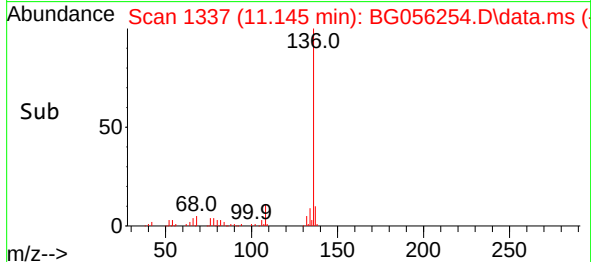
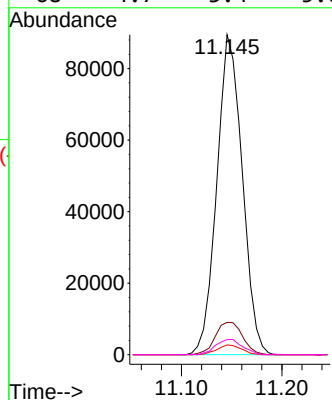
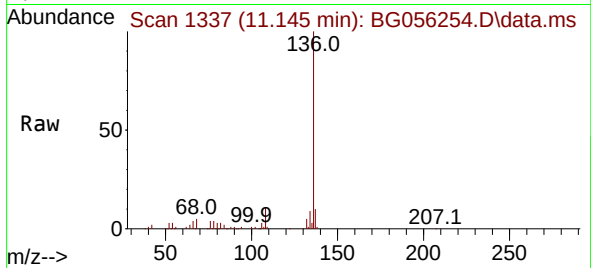




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

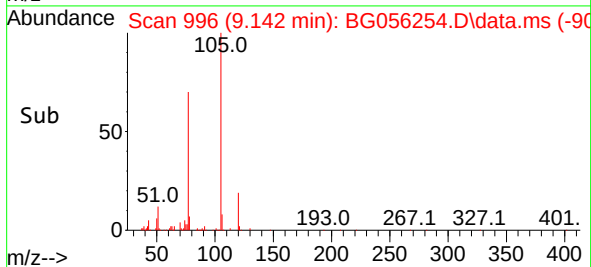
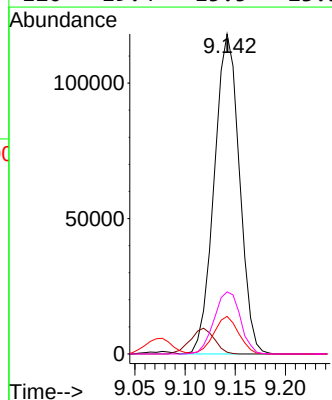
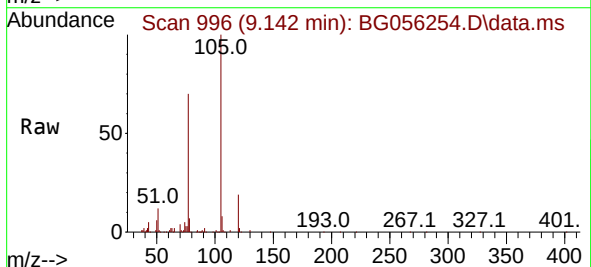
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

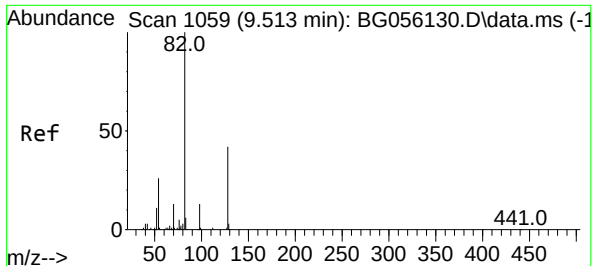
Tgt Ion:136 Resp: 157239
Ion Ratio Lower Upper
136 100
137 10.1 9.4 14.0
54 3.1 2.2 3.2
68 4.7 3.4 5.0



#22
Acetophenone
Concen: 46.350 ng
RT: 9.142 min Scan# 996
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:105 Resp: 206071
Ion Ratio Lower Upper
105 100
71 0.6 0.5 0.7
51 11.8 9.3 13.9
120 19.4 15.5 23.3

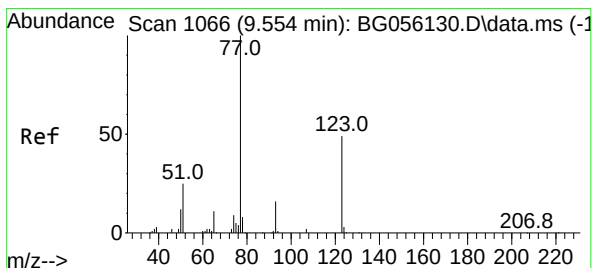
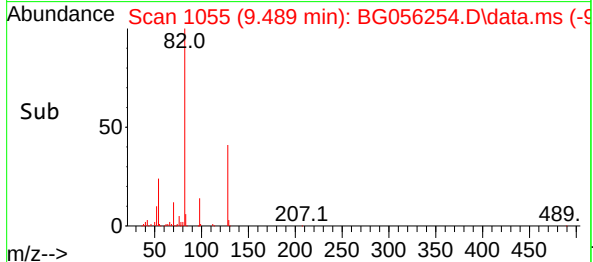
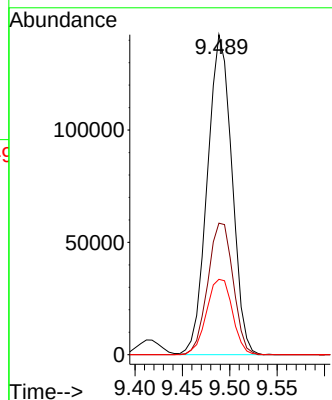
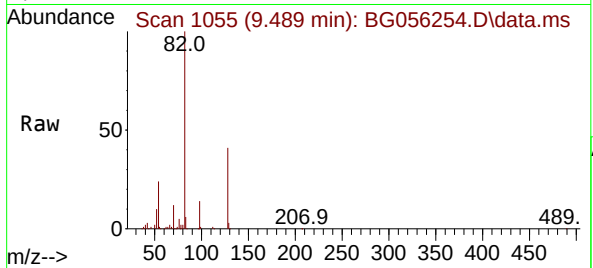




#23
Nitrobenzene-d5
Concen: 83.380 ng
RT: 9.489 min Scan# 1055
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

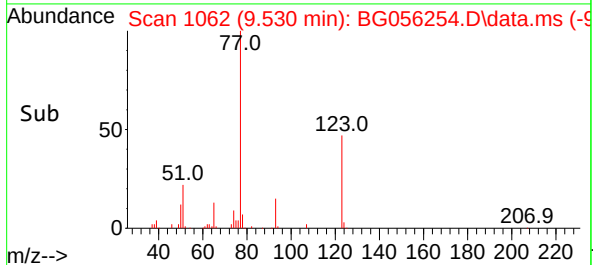
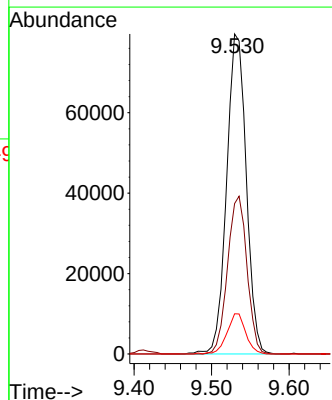
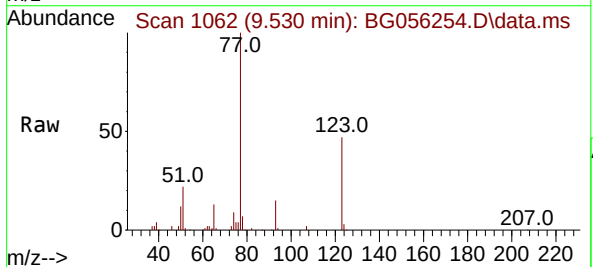
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

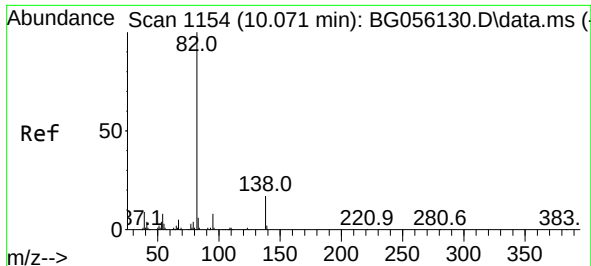
Tgt Ion: 82 Resp: 256308
Ion Ratio Lower Upper
82 100
128 41.1 33.4 50.2
54 23.6 20.3 30.5



#24
Nitrobenzene
Concen: 46.037 ng
RT: 9.530 min Scan# 1062
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion: 77 Resp: 140243
Ion Ratio Lower Upper
77 100
123 47.0 38.8 58.2
65 12.6 9.1 13.7

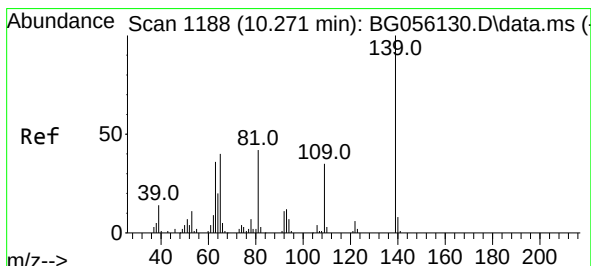
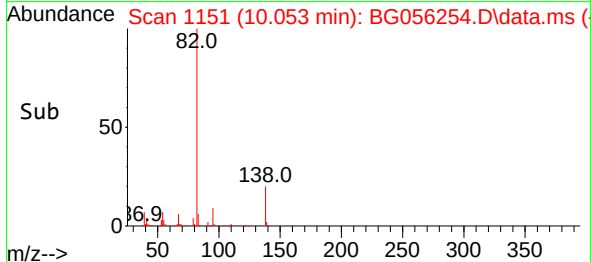
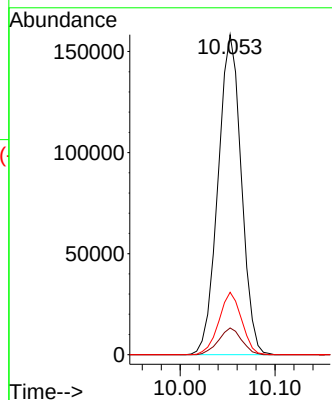
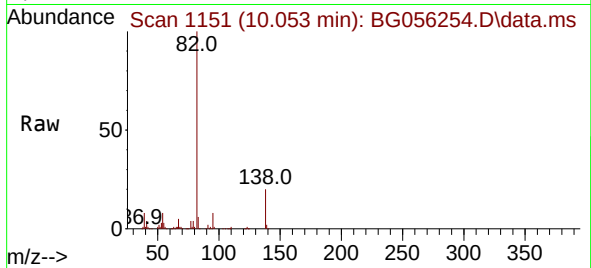




#25
Isophorone
Concen: 41.780 ng
RT: 10.053 min Scan# 1151
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

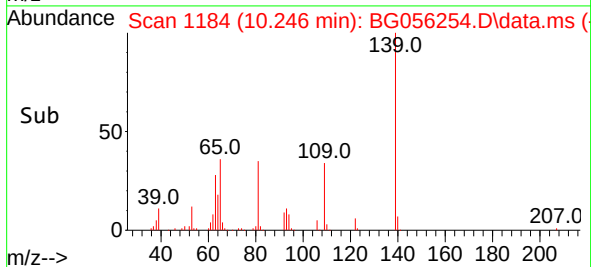
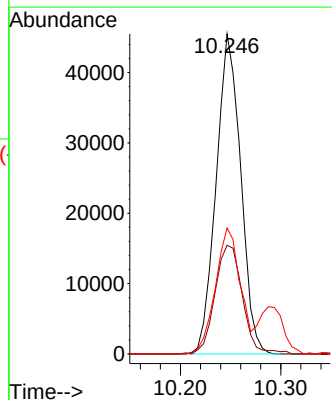
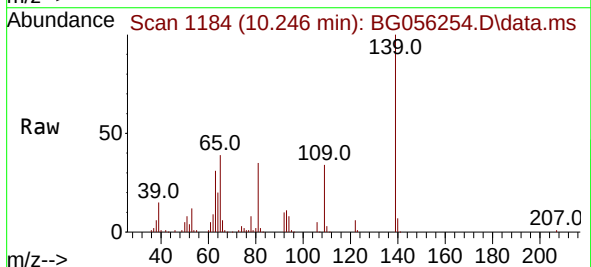
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

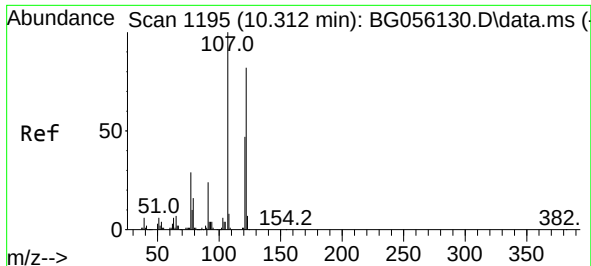
Tgt Ion: 82 Resp: 270224
Ion Ratio Lower Upper
82 100
95 8.3 6.7 10.1
138 19.5 13.7 20.5



#26
2-Nitrophenol
Concen: 49.369 ng
RT: 10.246 min Scan# 1184
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:139 Resp: 76950
Ion Ratio Lower Upper
139 100
109 33.9 28.4 42.6
65 39.3 32.1 48.1





#27

2,4-Dimethylphenol

Concen: 49.551 ng

RT: 10.293 min Scan# 1192

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

Instrument :

BNA_G

ClientSampleId :

S4-03MSD

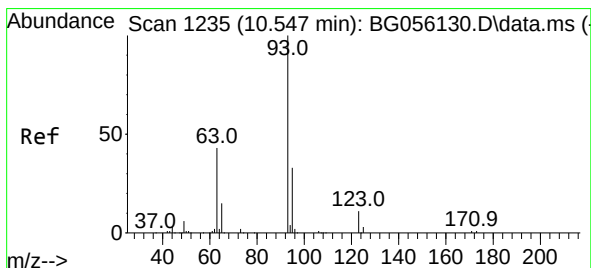
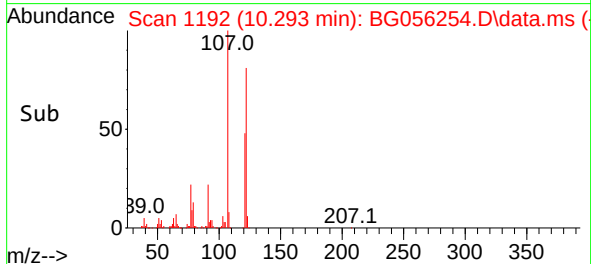
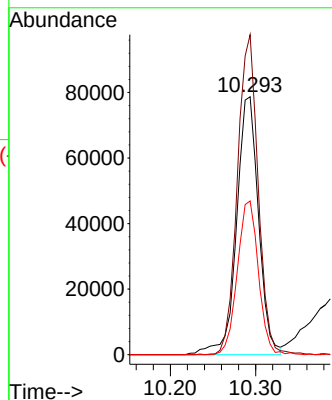
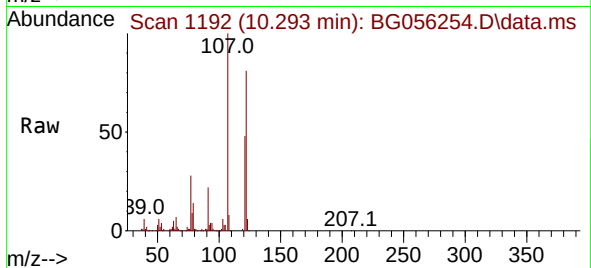
Tgt Ion:122 Resp: 140867

Ion Ratio Lower Upper

122 100

107 124.1 97.5 146.3

121 59.6 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 47.503 ng

RT: 10.528 min Scan# 1232

Delta R.T. -0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

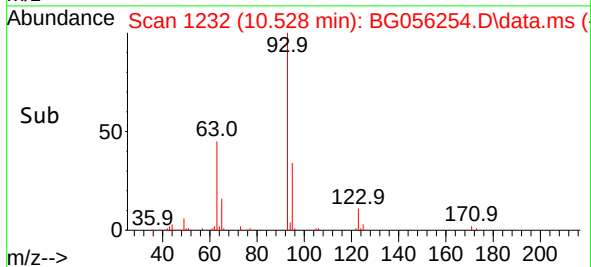
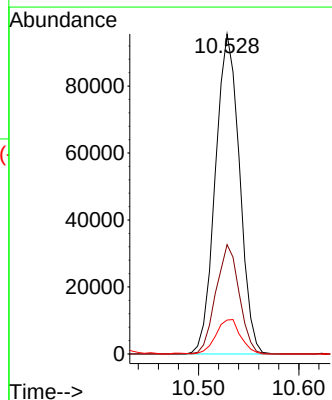
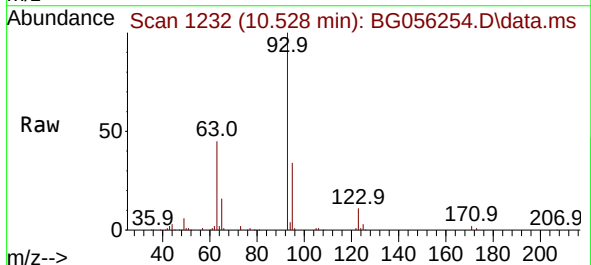
Tgt Ion: 93 Resp: 159685

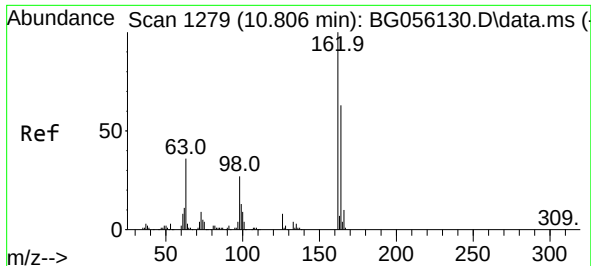
Ion Ratio Lower Upper

93 100

95 34.1 26.2 39.2

123 10.6 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 52.270 ng

RT: 10.781 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

Instrument :

BNA_G

ClientSampleId :

S4-03MSD

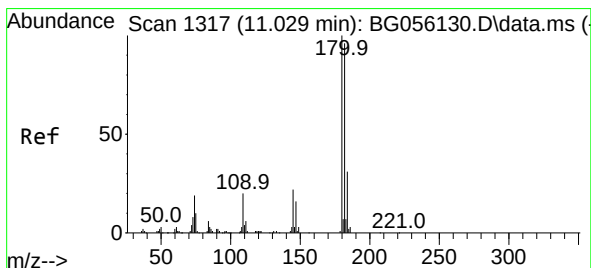
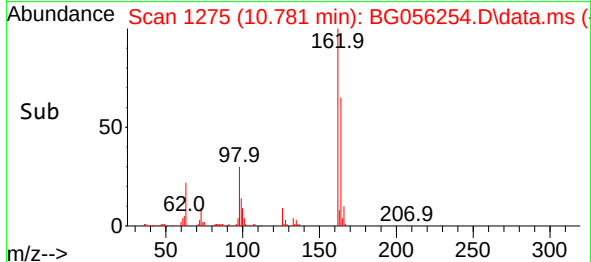
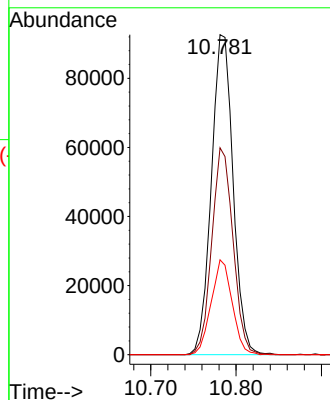
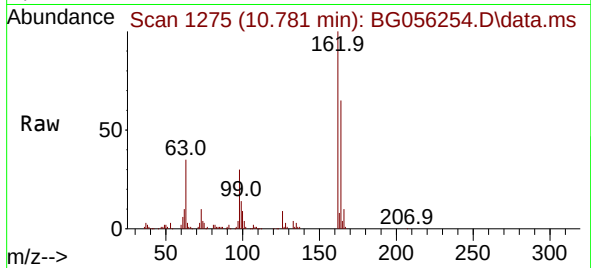
Tgt Ion:162 Resp: 164282

Ion Ratio Lower Upper

162 100

164 64.6 43.3 83.3

98 29.6 6.8 46.8



#30

1,2,4-Trichlorobenzene

Concen: 49.425 ng

RT: 11.004 min Scan# 1313

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

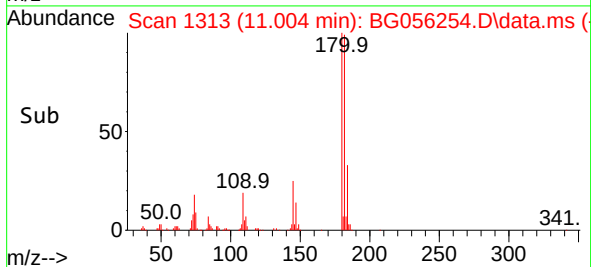
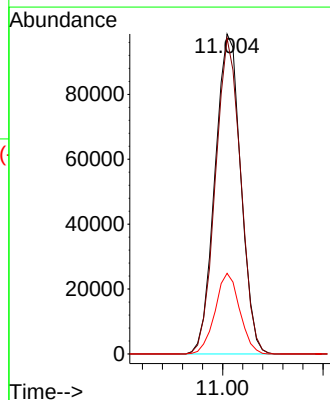
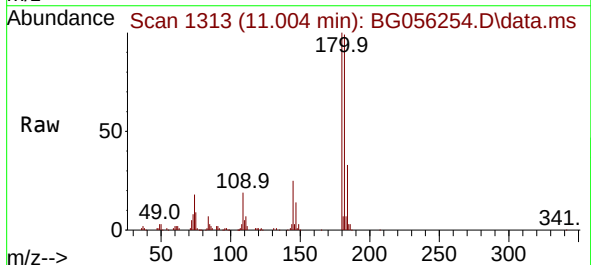
Tgt Ion:180 Resp: 176282

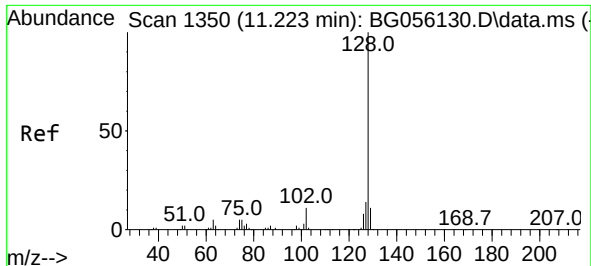
Ion Ratio Lower Upper

180 100

182 98.6 77.0 115.4

145 25.2 17.4 26.2

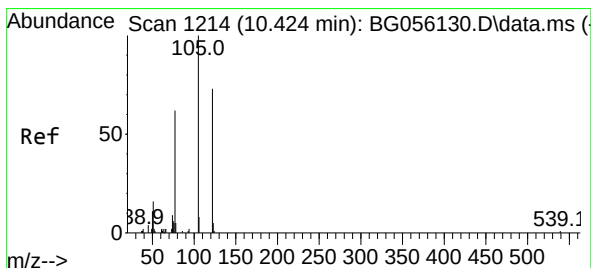
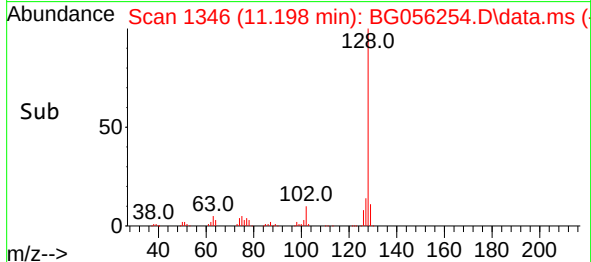
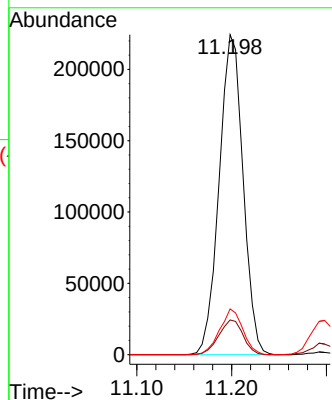
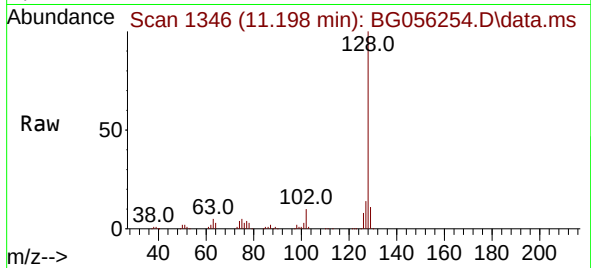




#31
Naphthalene
Concen: 47.487 ng
RT: 11.198 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

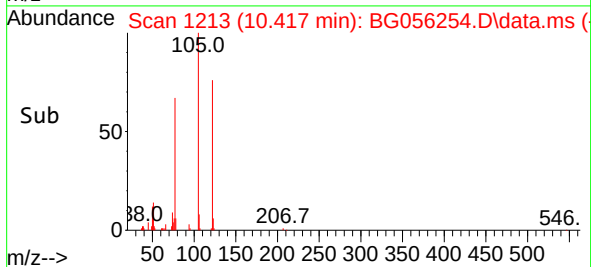
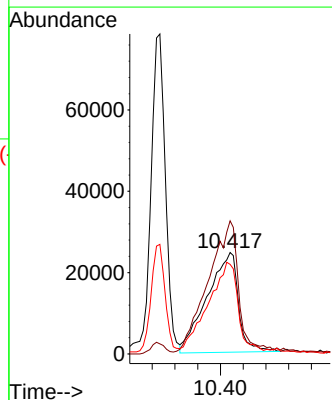
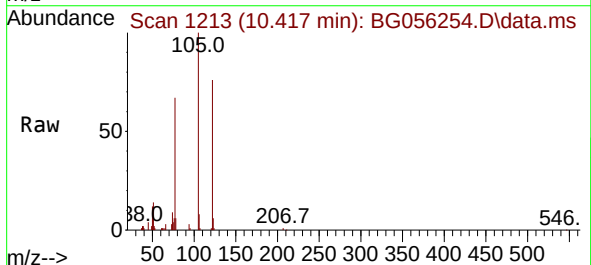
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

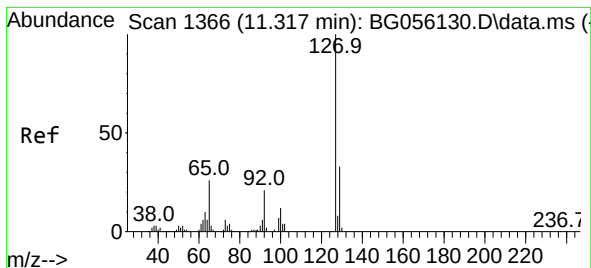
Tgt Ion:128 Resp: 392964
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 14.3 11.2 16.8



#32
Benzoic acid
Concen: 44.442 ng
RT: 10.417 min Scan# 1213
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:122 Resp: 93743
Ion Ratio Lower Upper
122 100
105 131.2 109.0 149.0
77 88.2 63.1 103.1

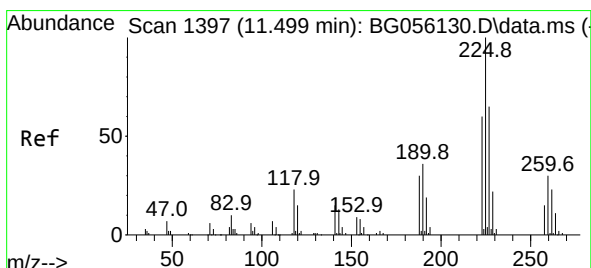
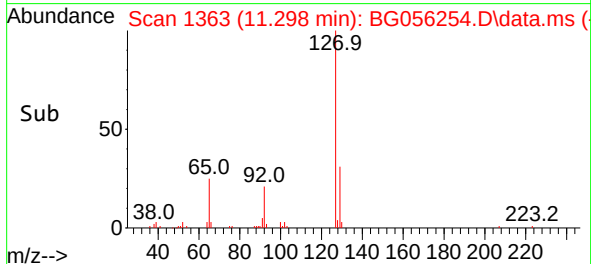
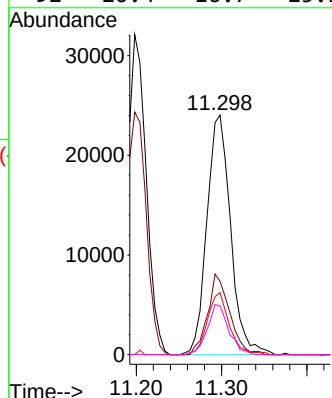
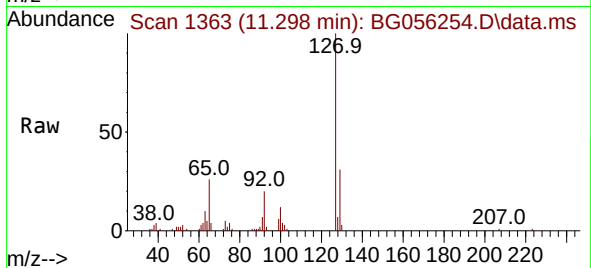




#33
4-Chloroaniline
Concen: 11.770 ng
RT: 11.298 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

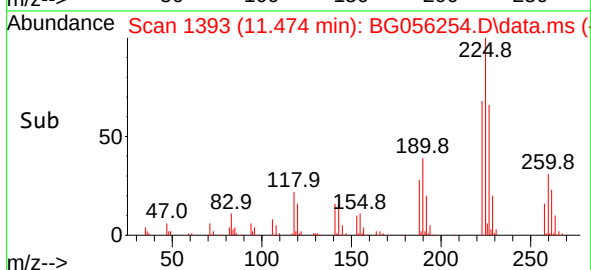
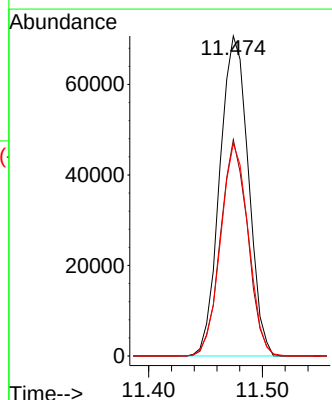
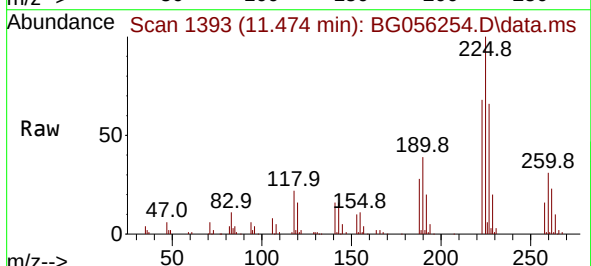
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

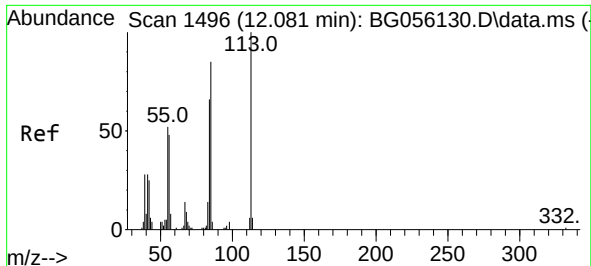
Tgt Ion:127	Resp:	46504
Ion Ratio	Lower	Upper
127	100	
129	30.6	26.1 39.1
65	25.9	20.9 31.3
92	20.4	16.7 25.1



#34
Hexachlorobutadiene
Concen: 48.101 ng
RT: 11.474 min Scan# 1393
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:225	Resp:	123388
Ion Ratio	Lower	Upper
225	100	
223	67.6	47.7 71.5
227	66.4	52.3 78.5

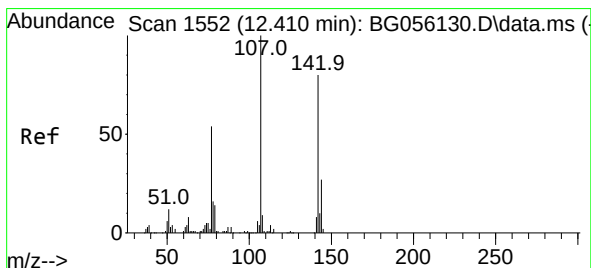
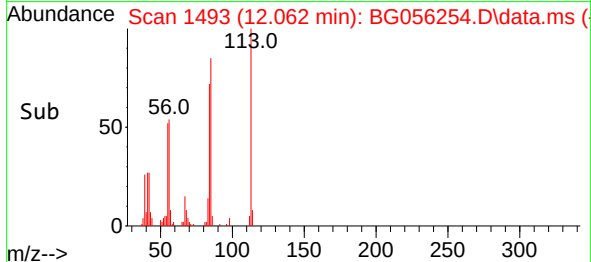
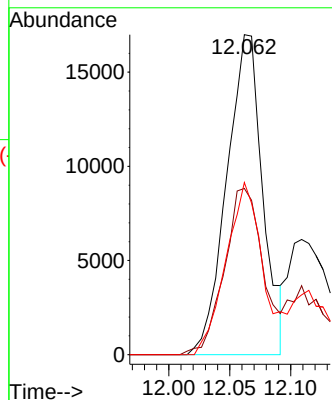
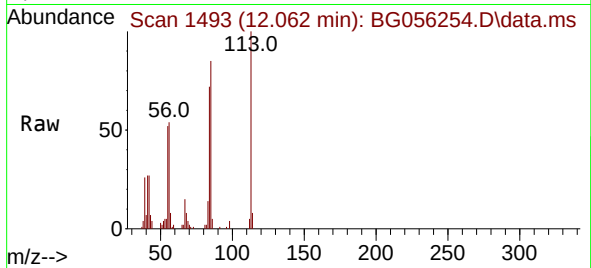




#35
Caprolactam
Concen: 32.875 ng
RT: 12.062 min Scan# 1496
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

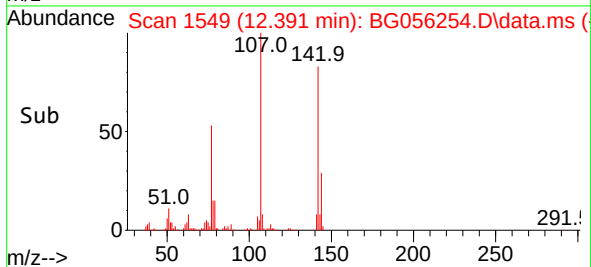
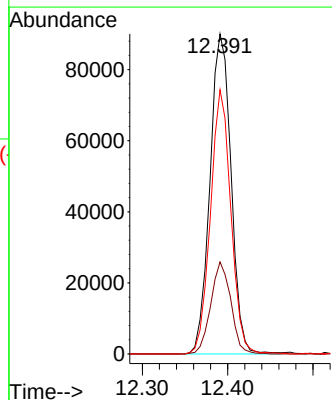
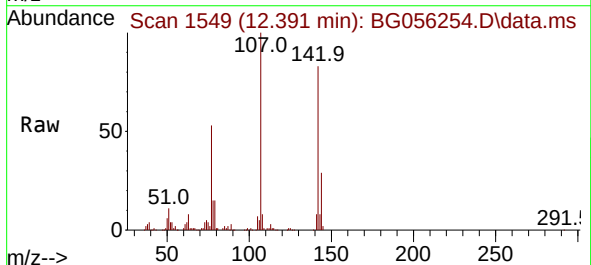
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

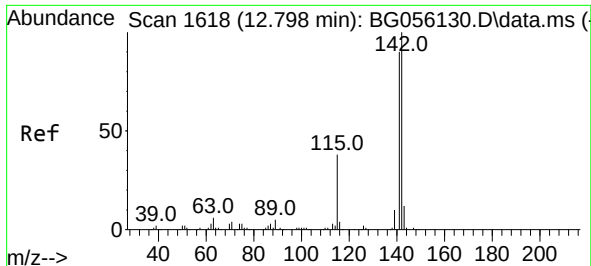
Tgt Ion:113 Resp: 34982
Ion Ratio Lower Upper
113 100
55 52.0 31.9 71.9
56 53.8 27.6 67.6



#36
4-Chloro-3-methylphenol
Concen: 48.521 ng
RT: 12.391 min Scan# 1549
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:107 Resp: 154744
Ion Ratio Lower Upper
107 100
144 28.8 21.5 32.3
142 82.6 63.8 95.6

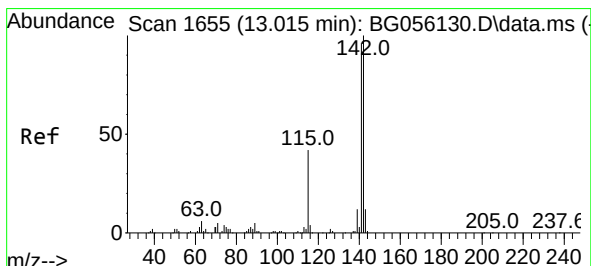
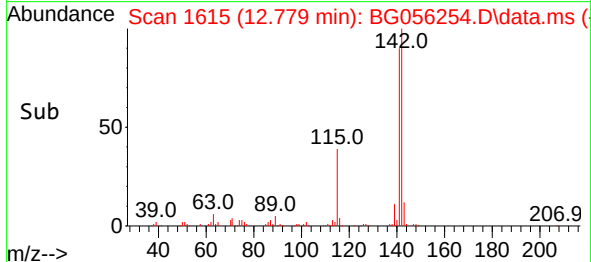
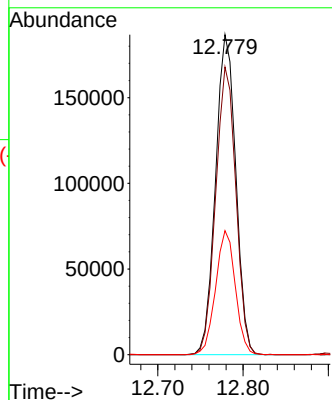
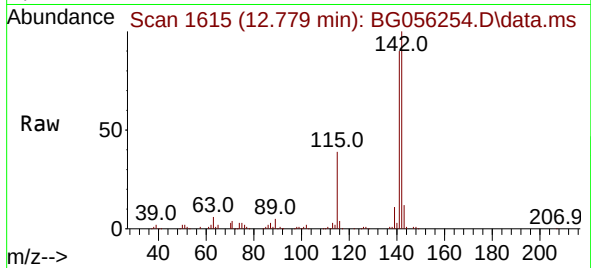




#37
2-Methylnaphthalene
Concen: 44.169 ng
RT: 12.779 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

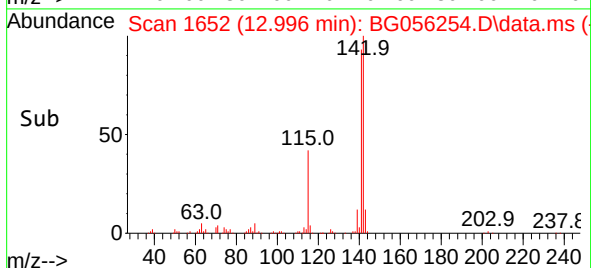
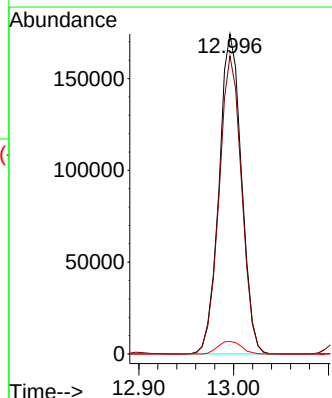
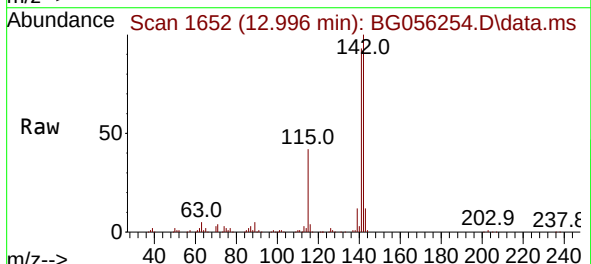
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

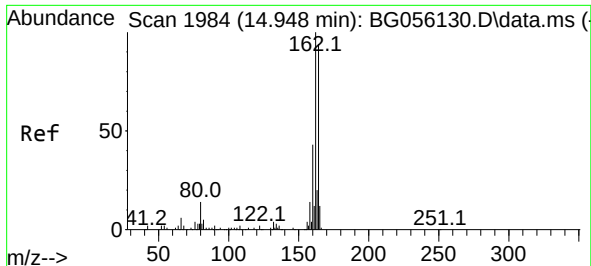
Tgt Ion:142 Resp: 308622
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.4
115 38.8 30.7 46.1



#38
1-Methylnaphthalene
Concen: 44.149 ng
RT: 12.996 min Scan# 1652
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:142 Resp: 286466
Ion Ratio Lower Upper
142 100
141 93.1 77.0 115.6
116 3.9 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.929 min Scan# 1984

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

Instrument :

BNA_G

ClientSampleId :

S4-03MSD

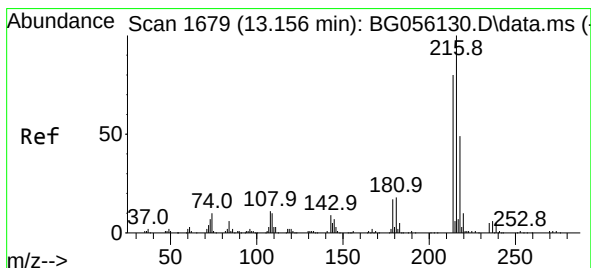
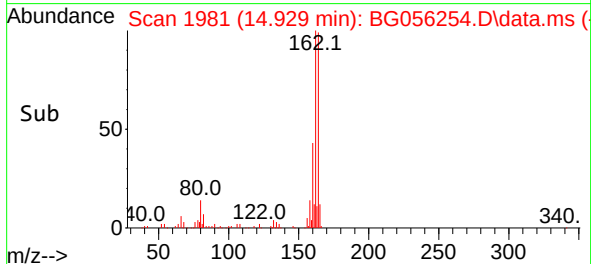
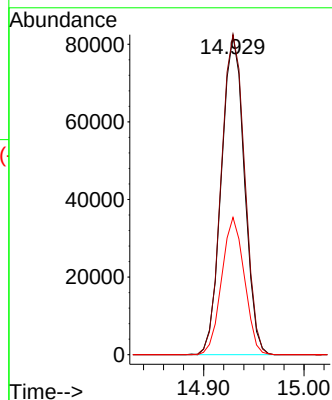
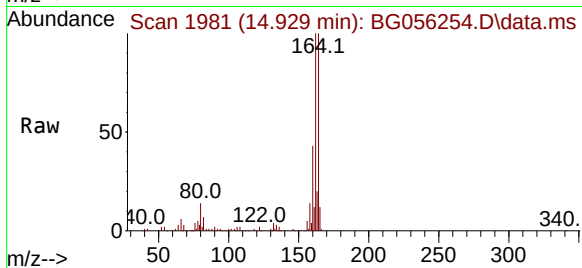
Tgt Ion:164 Resp: 130177

Ion Ratio Lower Upper

164 100

162 100.3 84.7 127.1

160 43.0 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.653 ng

RT: 13.143 min Scan# 1677

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

Tgt Ion:216 Resp: 232501

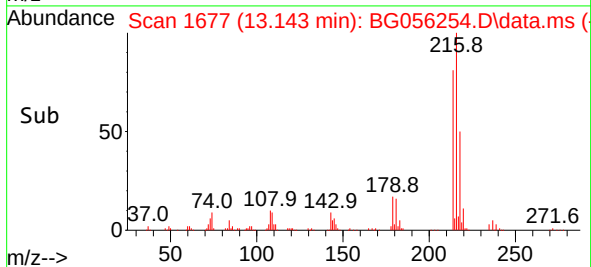
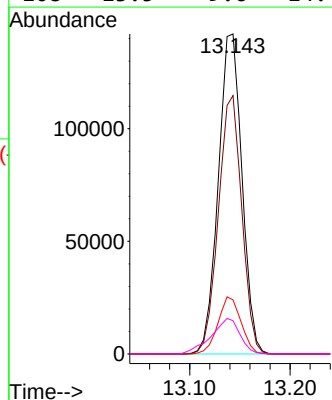
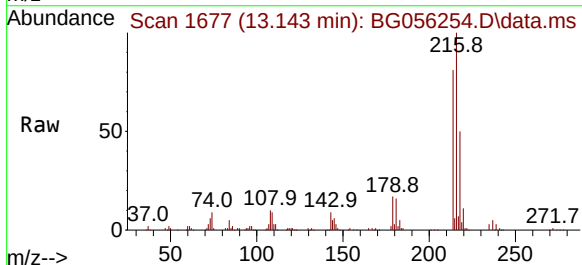
Ion Ratio Lower Upper

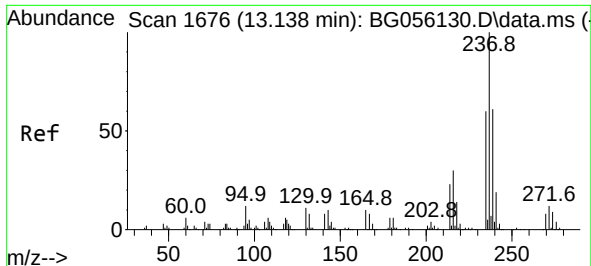
216 100

214 79.7 63.4 95.0

179 17.4 13.6 20.4

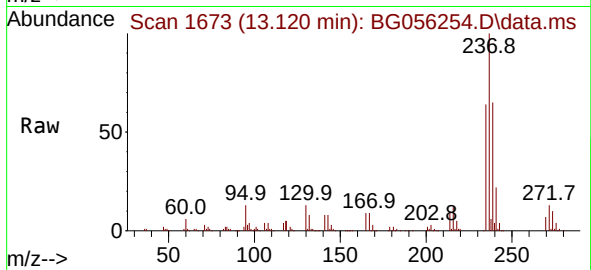
108 13.5 9.6 14.4



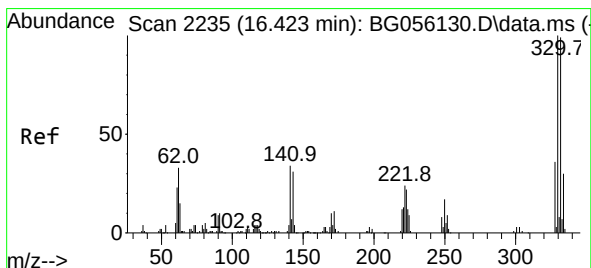
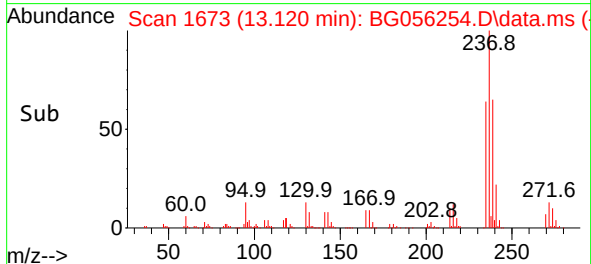
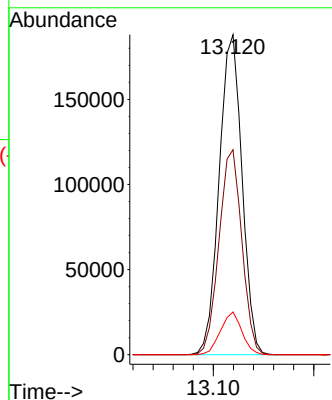


#41
Hexachlorocyclopentadiene
Concen: 106.548 ng
RT: 13.120 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Instrument :
BNA_G
ClientSampleId :
S4-03MSD

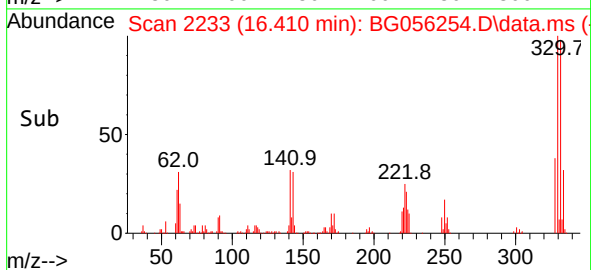
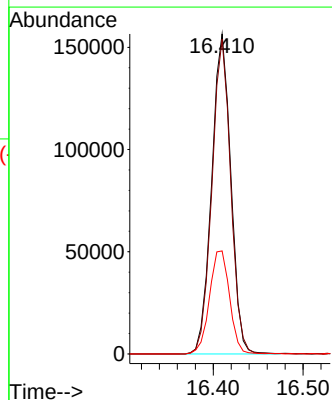
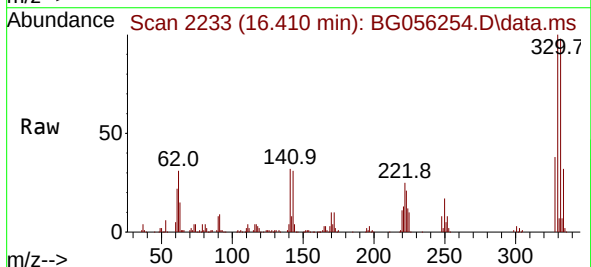


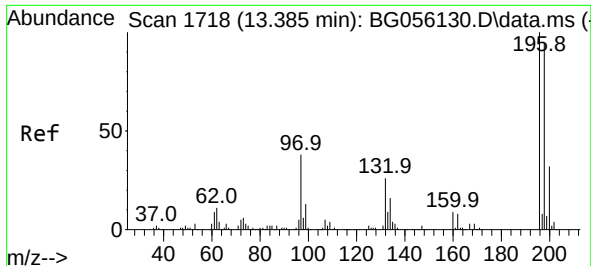
Tgt Ion:237 Resp: 296379
Ion Ratio Lower Upper
237 100
235 64.1 40.3 80.3
272 13.4 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 140.816 ng
RT: 16.410 min Scan# 2233
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:330 Resp: 232160
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 33.8 27.9 41.9





#43

2,4,6-Trichlorophenol

Concen: 50.552 ng

RT: 13.372 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

Instrument :

BNA_G

ClientSampleId :

S4-03MSD

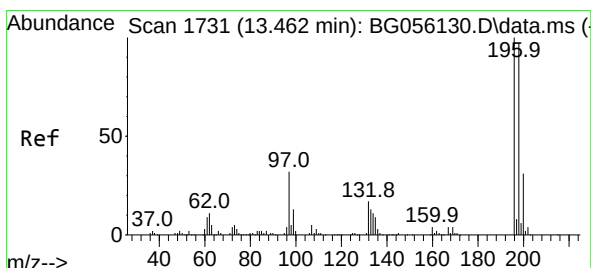
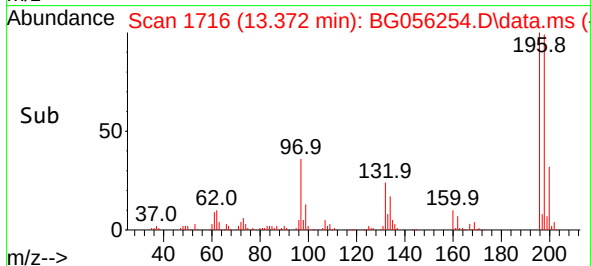
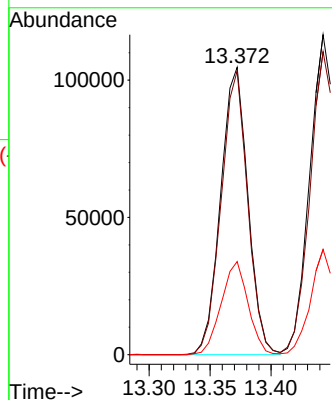
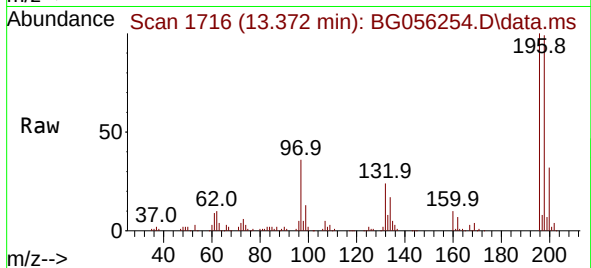
Tgt Ion:196 Resp: 163092

Ion Ratio Lower Upper

196 100

198 98.8 75.5 113.3

200 32.4 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 47.927 ng

RT: 13.443 min Scan# 1728

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

Tgt Ion:196 Resp: 182909

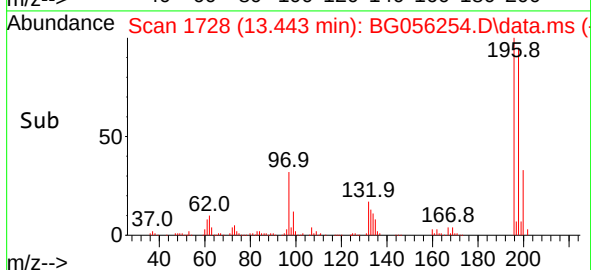
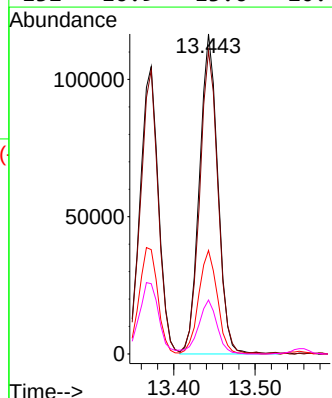
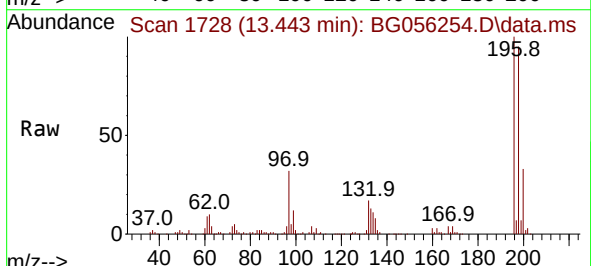
Ion Ratio Lower Upper

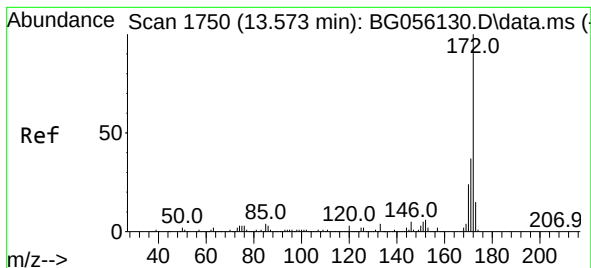
196 100

198 94.7 78.0 117.0

97 32.3 25.7 38.5

132 16.9 13.6 20.4

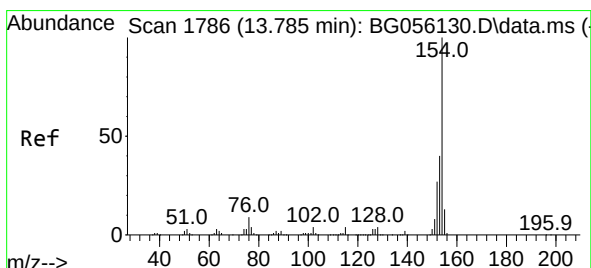
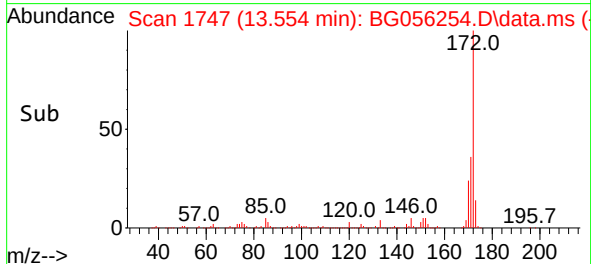
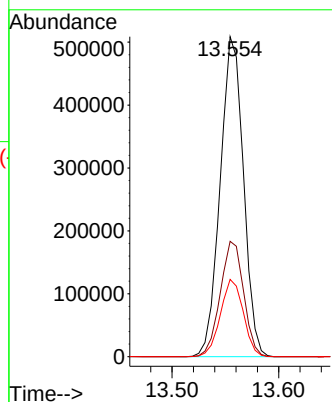
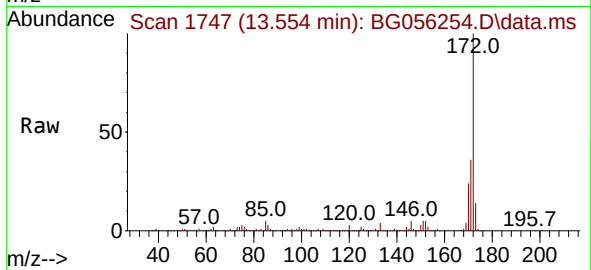




#45
2-Fluorobiphenyl
Concen: 81.651 ng
RT: 13.554 min Scan# 1747
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

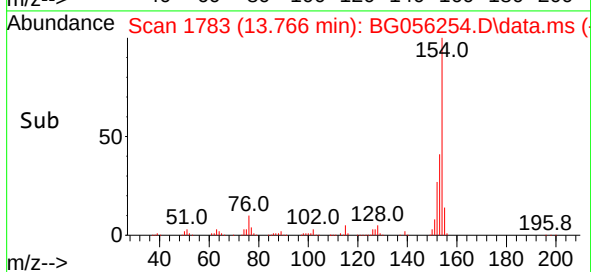
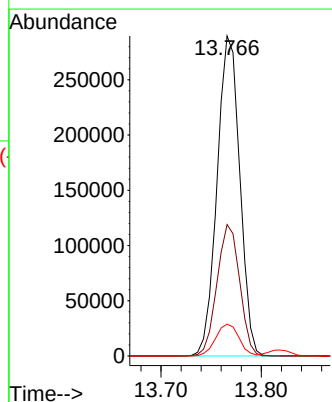
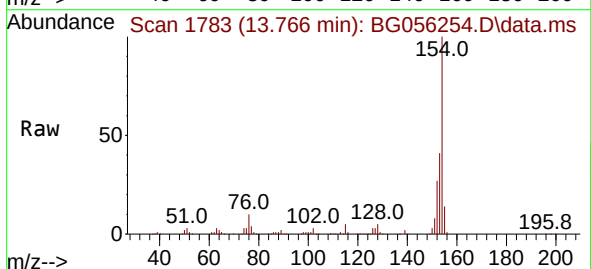
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

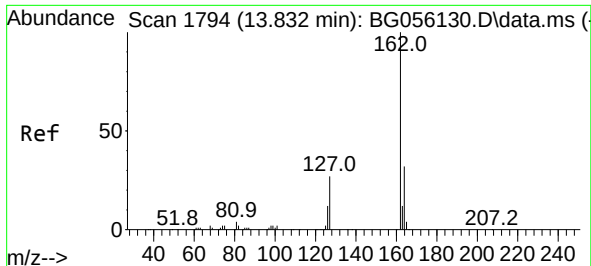
Tgt Ion:172 Resp: 769721
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.2 19.4 29.2



#46
1,1'-Biphenyl
Concen: 48.800 ng
RT: 13.766 min Scan# 1783
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:154 Resp: 454954
Ion Ratio Lower Upper
154 100
153 41.0 20.0 60.0
76 10.0 0.0 29.3





#47

2-Chloronaphthalene

Concen: 49.027 ng

RT: 13.819 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

Instrument :

BNA_G

ClientSampleId :

S4-03MSD

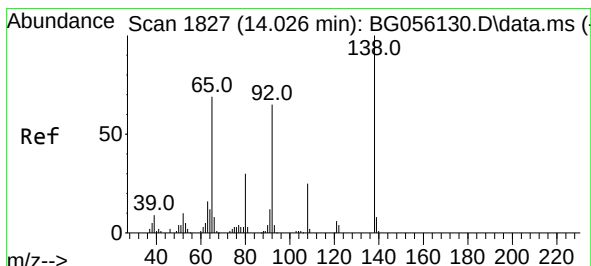
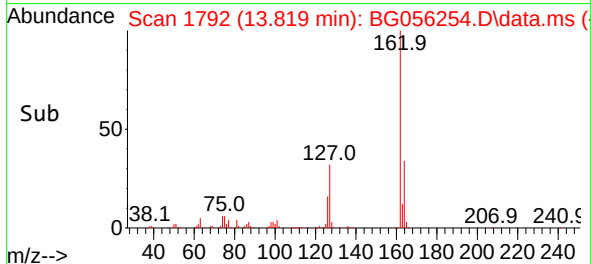
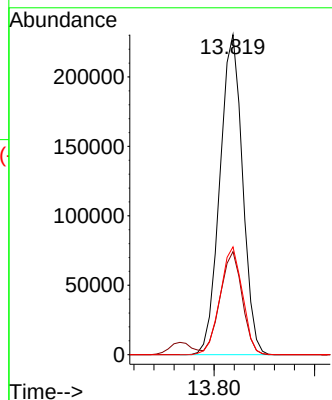
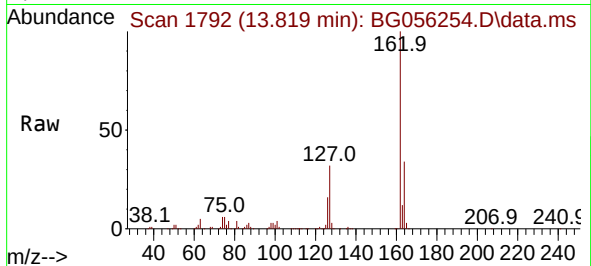
Tgt Ion:162 Resp: 360777

Ion Ratio Lower Upper

162 100

127 32.2 24.6 36.8

164 33.7 25.8 38.8



#48

2-Nitroaniline

Concen: 48.508 ng

RT: 14.007 min Scan# 1824

Delta R.T. -0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

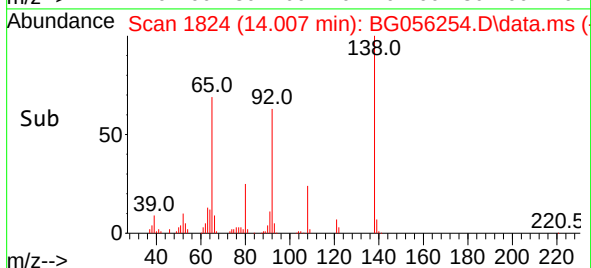
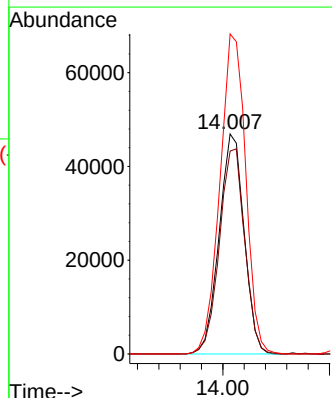
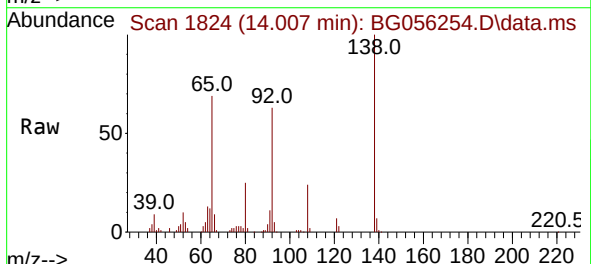
Tgt Ion: 65 Resp: 76054

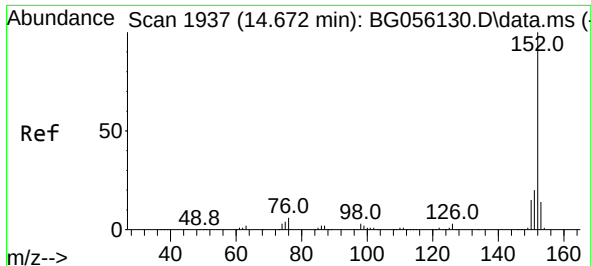
Ion Ratio Lower Upper

65 100

92 92.2 76.0 114.0

138 145.4 116.6 174.8

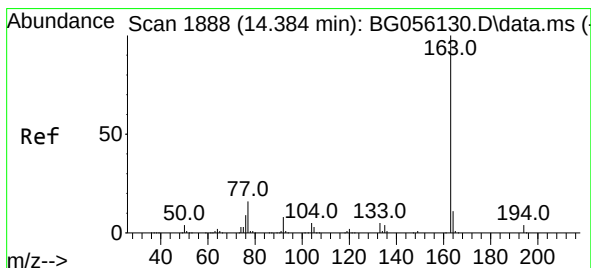
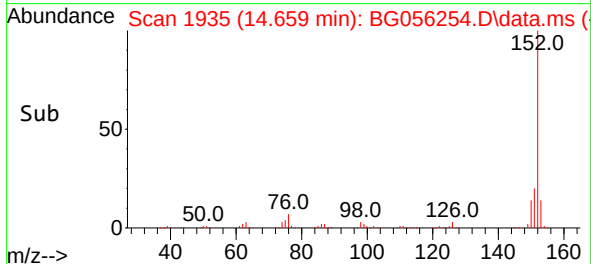
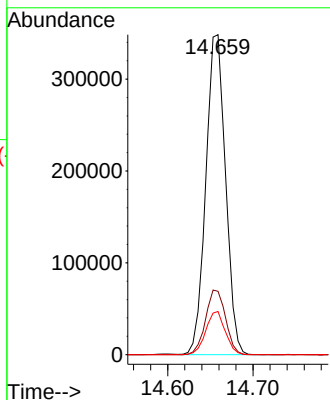
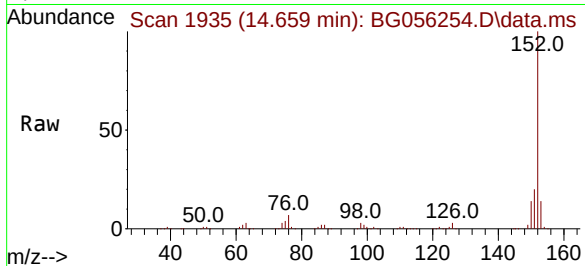




#49
Acenaphthylene
Concen: 46.703 ng
RT: 14.659 min Scan# 1935
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

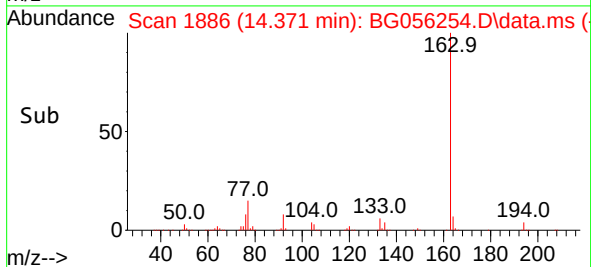
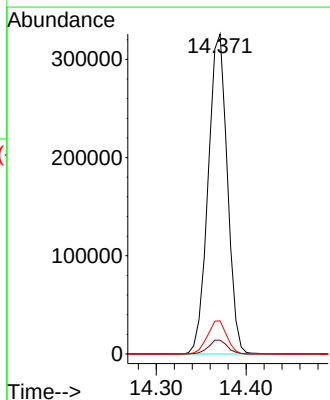
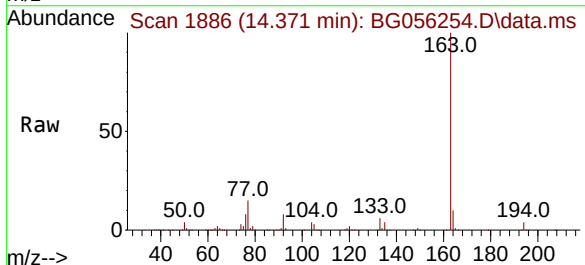
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

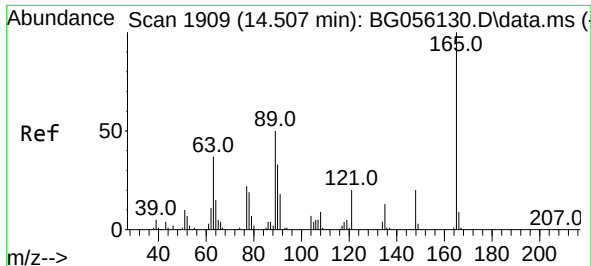
Tgt Ion:152 Resp: 559266
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.5 11.0 16.6



#50
Dimethylphthalate
Concen: 45.935 ng
RT: 14.371 min Scan# 1886
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:163 Resp: 482711
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.3 8.7 13.1

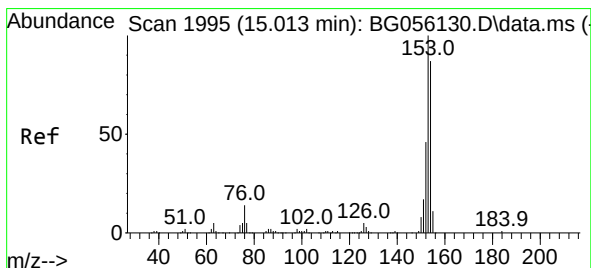
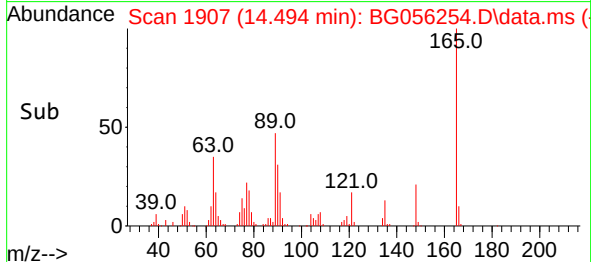
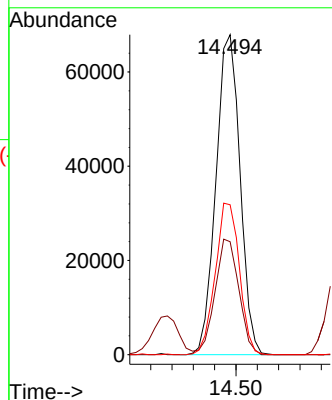
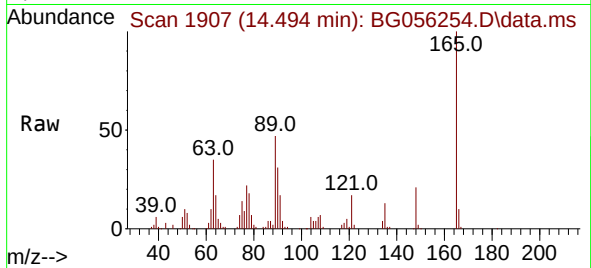




#51
2,6-Dinitrotoluene
Concen: 47.518 ng
RT: 14.494 min Scan# 1909
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

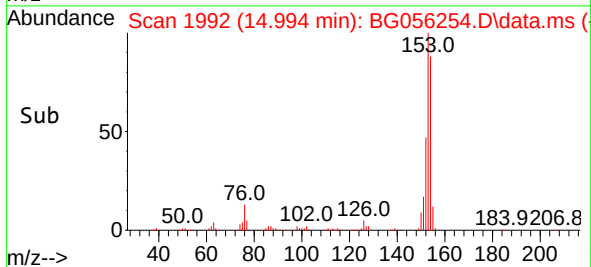
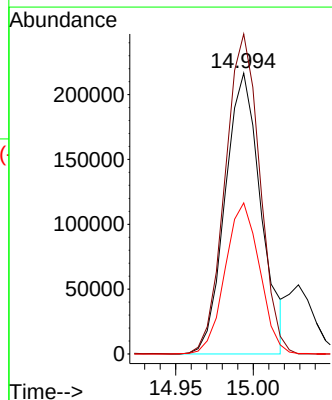
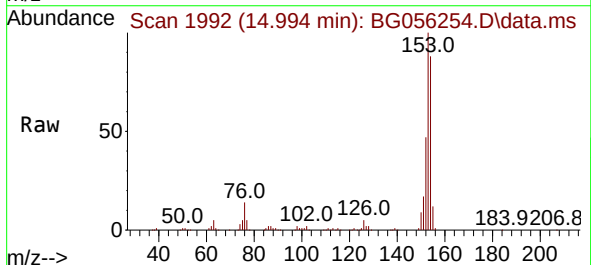
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

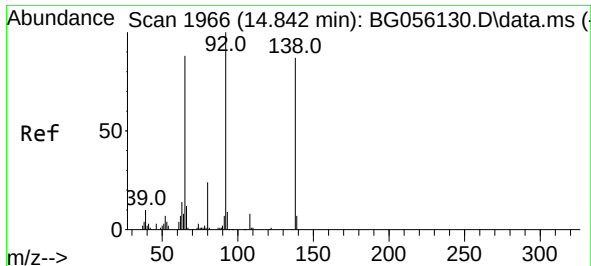
Tgt Ion:165 Resp: 106403
Ion Ratio Lower Upper
165 100
63 35.3 32.2 48.2
89 46.9 39.8 59.8



#52
Acenaphthene
Concen: 44.688 ng
RT: 14.994 min Scan# 1992
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:154 Resp: 348045
Ion Ratio Lower Upper
154 100
153 114.0 92.0 138.0
152 53.8 42.5 63.7

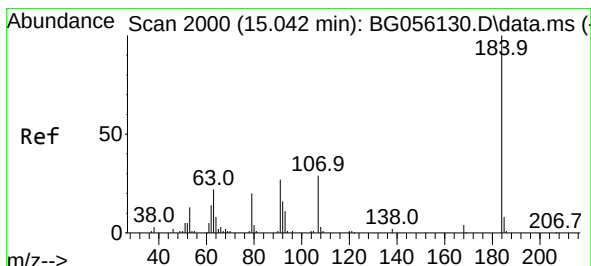
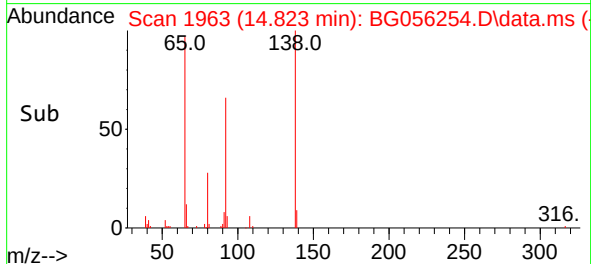
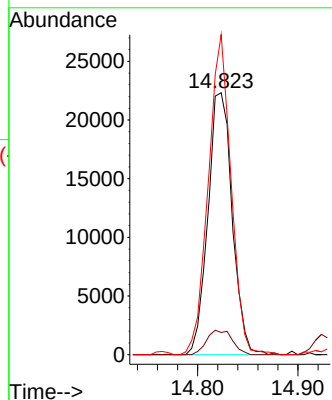
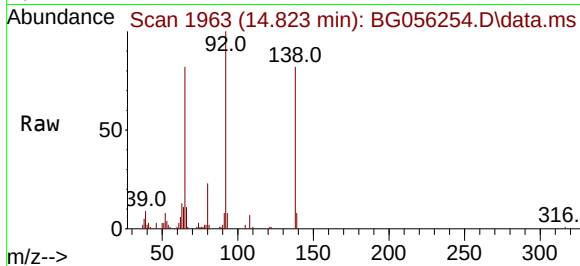




#53
3-Nitroaniline
Concen: 17.629 ng
RT: 14.823 min Scan# 1963
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

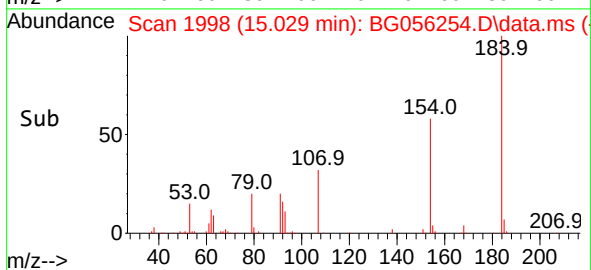
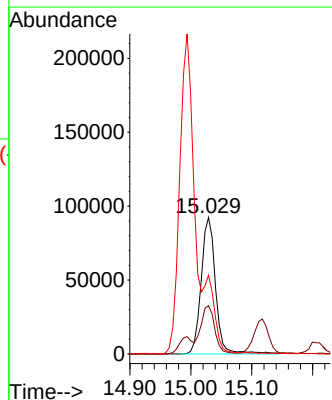
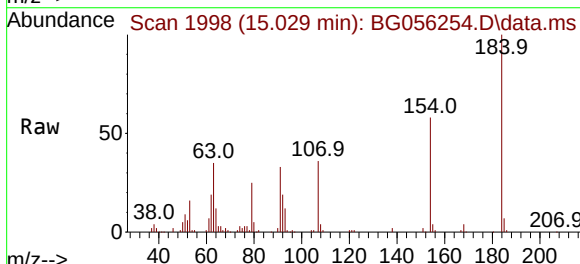
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

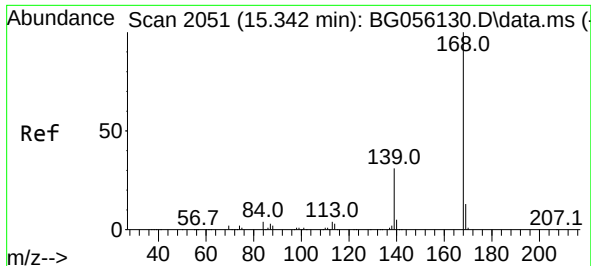
Tgt Ion:138 Resp: 37569
Ion Ratio Lower Upper
138 100
108 8.5 7.6 11.4
92 122.1 91.7 137.5



#54
2,4-Dinitrophenol
Concen: 94.814 ng
RT: 15.029 min Scan# 1998
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:184 Resp: 151671
Ion Ratio Lower Upper
184 100
63 35.5 24.0 36.0
154 57.7 45.4 68.0

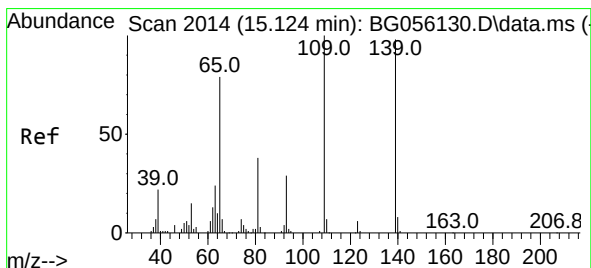
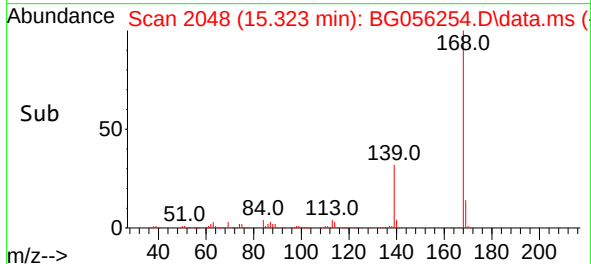
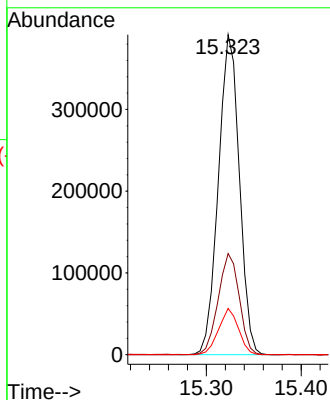
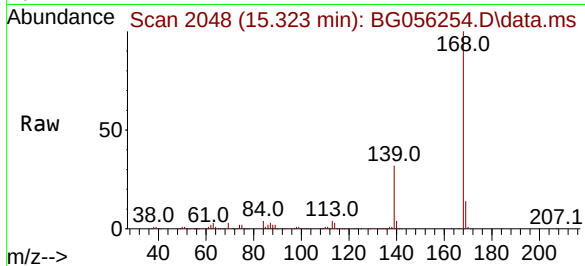




#55
Dibenzenofuran
Concen: 46.723 ng
RT: 15.323 min Scan# 2051
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

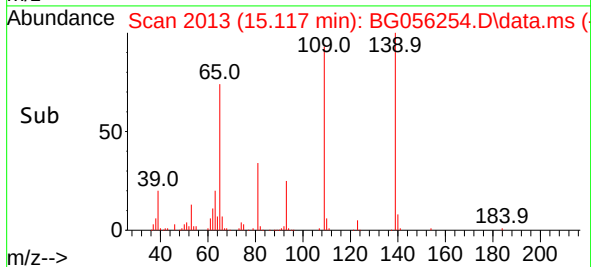
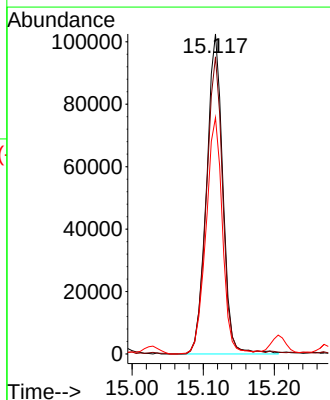
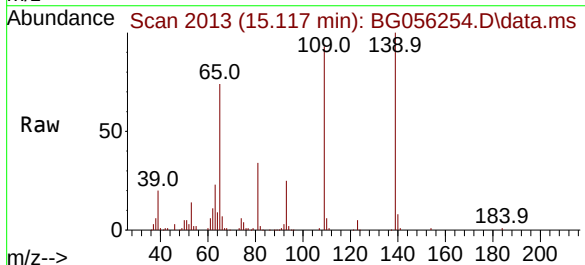
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

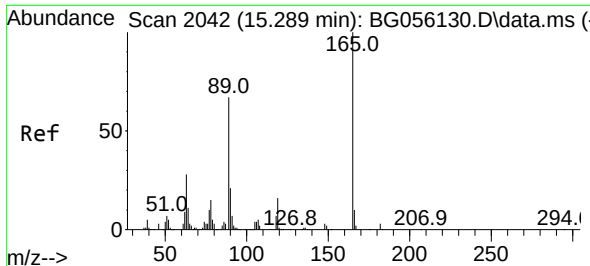
Tgt Ion:168 Resp: 602185
Ion Ratio Lower Upper
168 100
139 31.6 24.7 37.1
169 14.4 10.3 15.5



#56
4-Nitrophenol
Concen: 100.120 ng
RT: 15.117 min Scan# 2013
Delta R.T. 0.008 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:139 Resp: 164095
Ion Ratio Lower Upper
139 100
109 92.9 82.2 122.2
65 73.9 60.6 100.6

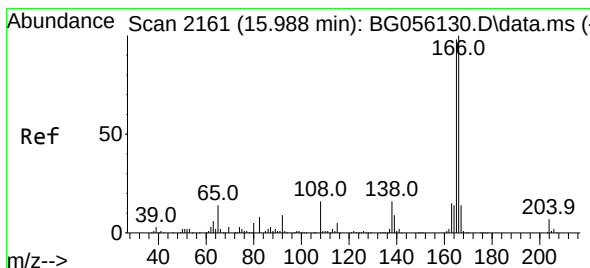
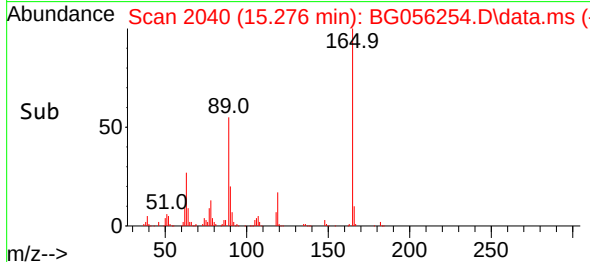
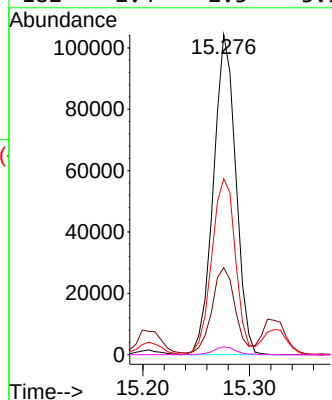
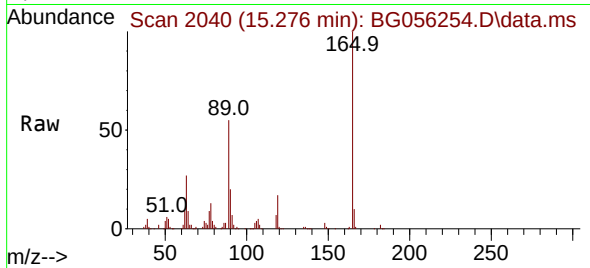




#57
2,4-Dinitrotoluene
Concen: 48.563 ng
RT: 15.276 min Scan# 2040
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

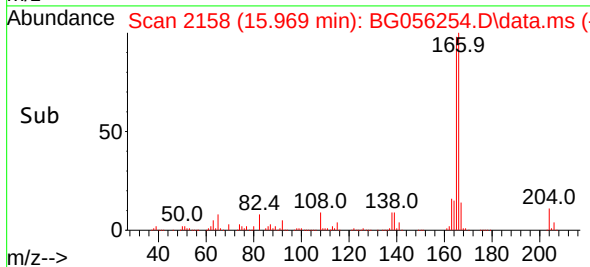
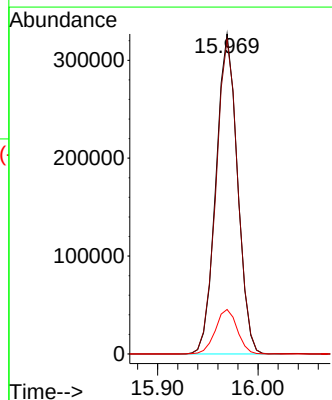
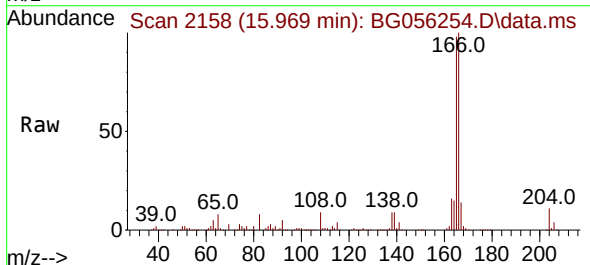
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

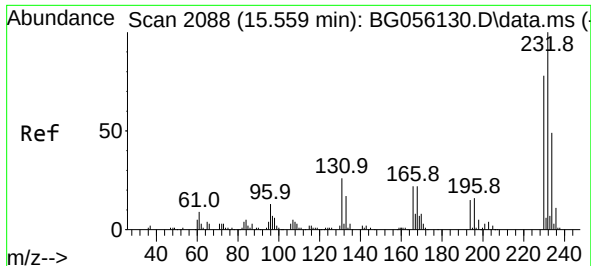
Tgt Ion:165 Resp: 152078
Ion Ratio Lower Upper
165 100
63 27.1 22.6 34.0
89 55.0 53.2 79.8
182 2.4 2.3 3.5



#58
Fluorene
Concen: 46.834 ng
RT: 15.969 min Scan# 2158
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:166 Resp: 485500
Ion Ratio Lower Upper
166 100
165 98.3 78.6 118.0
167 13.9 11.1 16.7

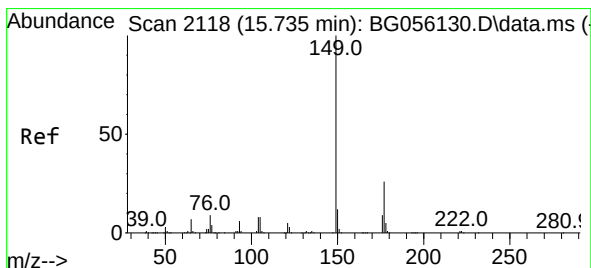
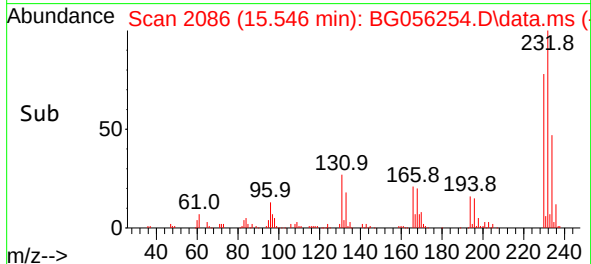
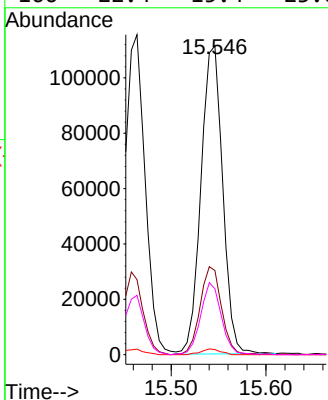
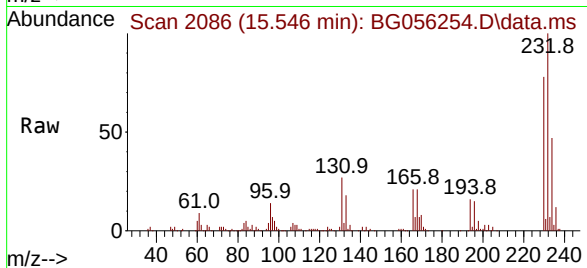




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.383 ng
RT: 15.546 min Scan# 2086
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

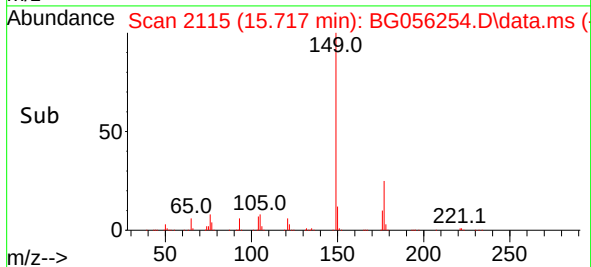
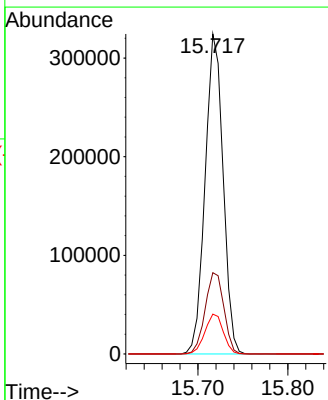
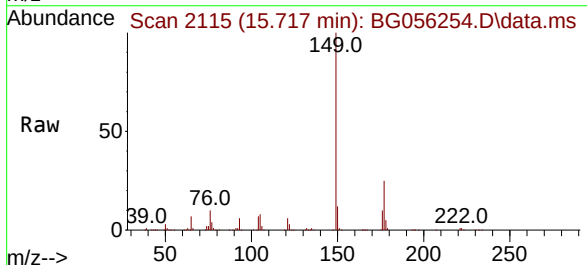
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

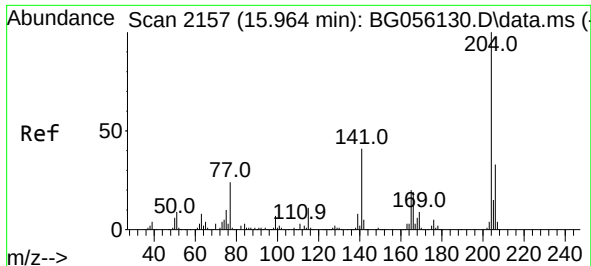
Tgt Ion:232 Resp: 176957
Ion Ratio Lower Upper
232 100
131 28.3 21.4 32.2
130 1.7 1.4 2.0
166 22.4 15.4 23.0



#60
Diethylphthalate
Concen: 45.684 ng
RT: 15.717 min Scan# 2115
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:149 Resp: 450225
Ion Ratio Lower Upper
149 100
177 25.4 20.6 31.0
150 12.5 9.9 14.9

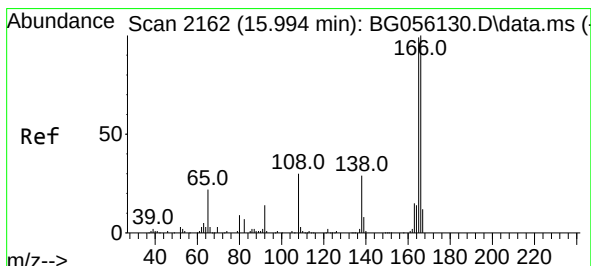
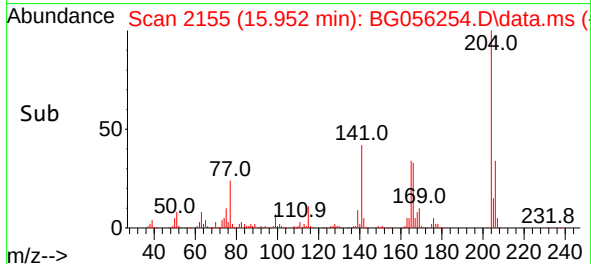
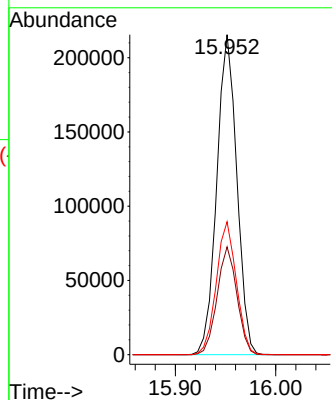
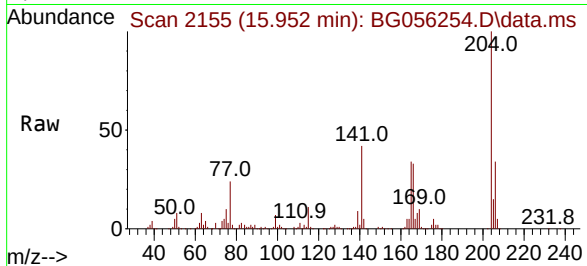




#61
4-Chlorophenyl-phenylether
Concen: 46.123 ng
RT: 15.952 min Scan# 2155
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

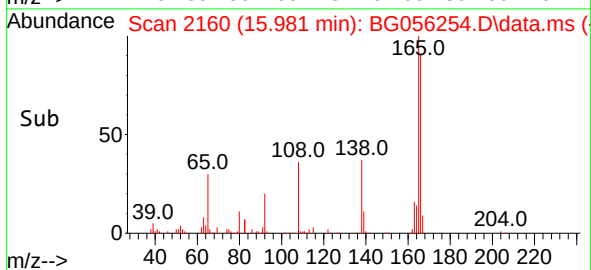
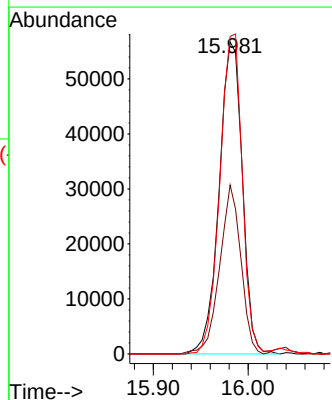
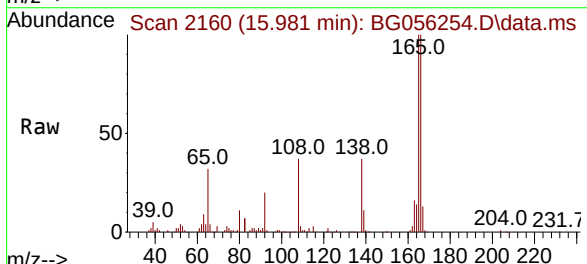
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

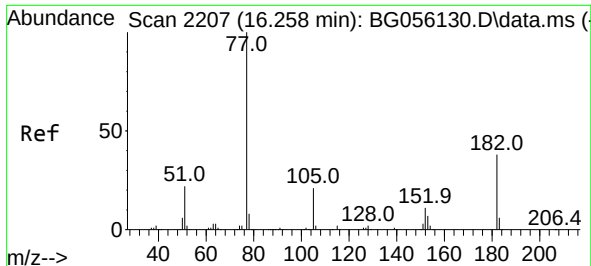
Tgt Ion:204 Resp: 298380
Ion Ratio Lower Upper
204 100
206 33.7 26.4 39.6
141 41.6 33.0 49.4



#62
4-Nitroaniline
Concen: 44.226 ng
RT: 15.981 min Scan# 2160
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:138 Resp: 96542
Ion Ratio Lower Upper
138 100
92 54.2 28.6 68.6
108 101.8 83.4 123.4

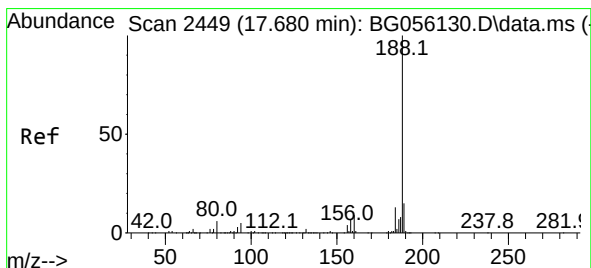
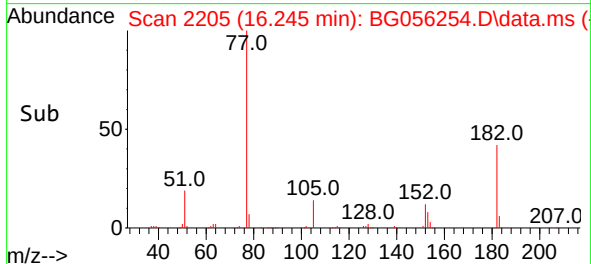
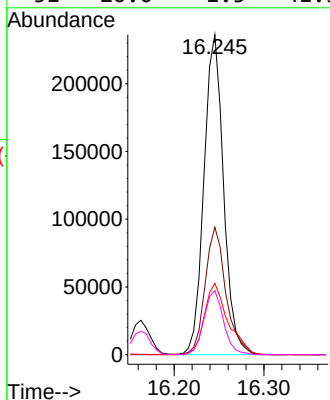
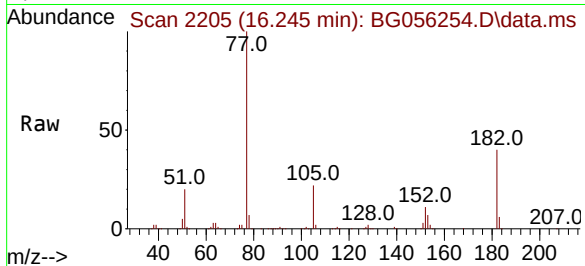




#63
Azobenzene
Concen: 47.109 ng
RT: 16.245 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

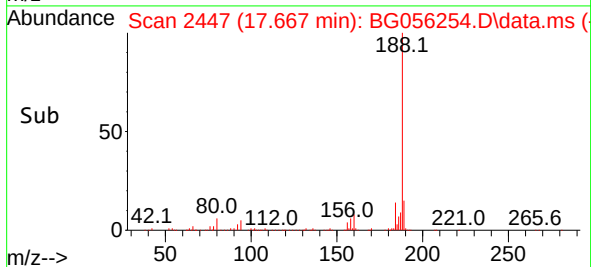
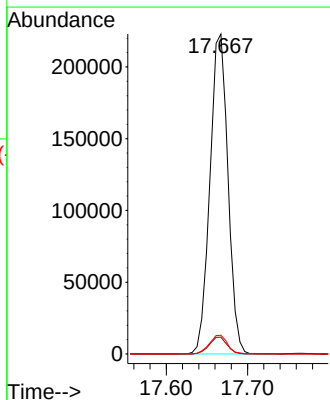
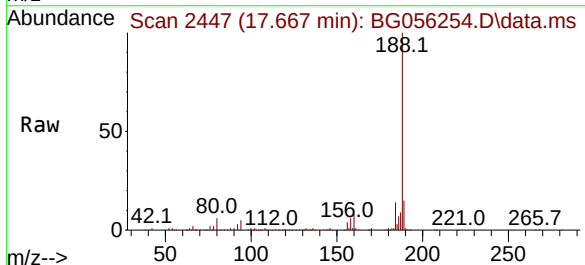
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

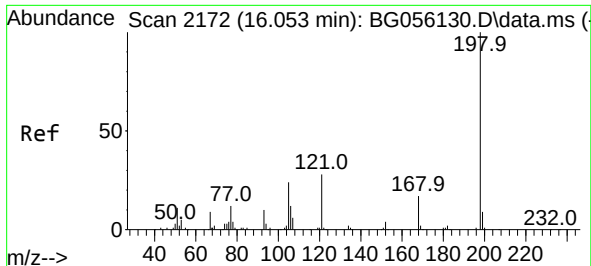
Tgt Ion:	77	Resp:	358269
Ion	Ratio	Lower	Upper
77	100		
182	39.9	18.5	58.5
105	22.3	1.4	41.4
51	20.0	1.5	41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.667 min Scan# 2447
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:	188	Resp:	343795
Ion	Ratio	Lower	Upper
188	100		
94	5.3	4.2	6.2
80	5.9	5.0	7.4

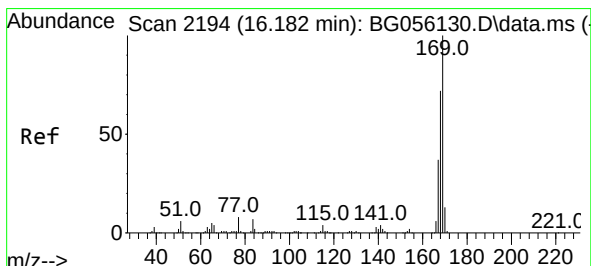
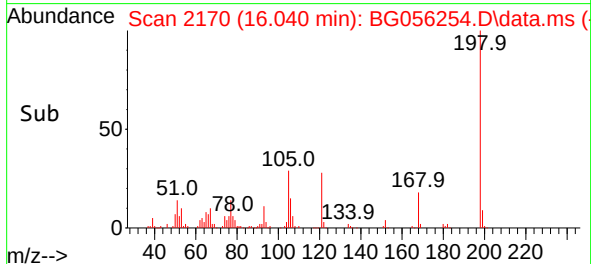
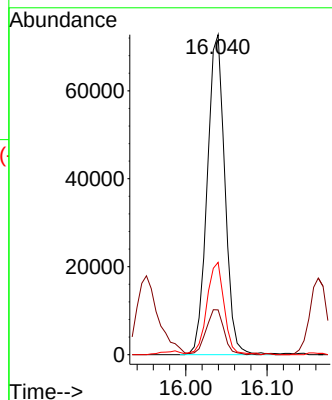
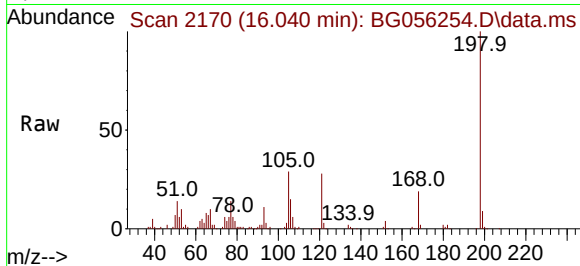




#65
4,6-Dinitro-2-methylphenol
Concen: 47.387 ng
RT: 16.040 min Scan# 2172
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

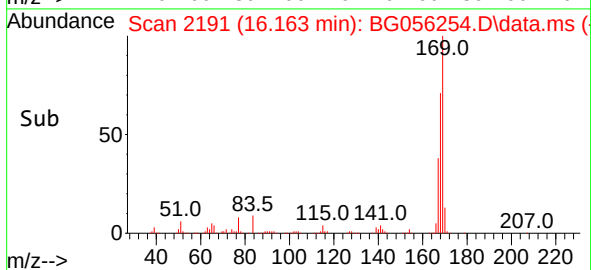
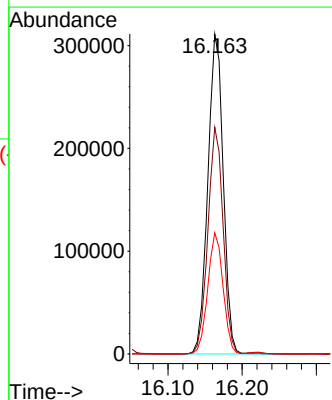
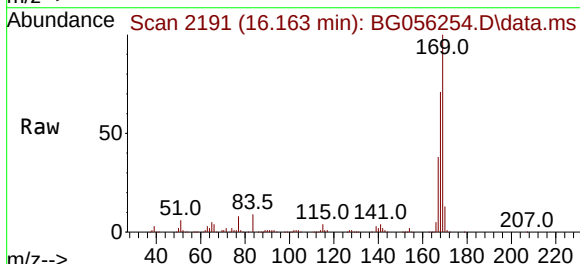
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

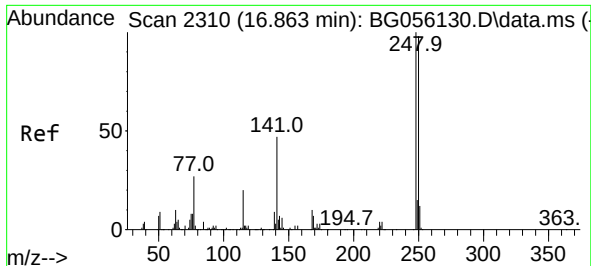
Tgt Ion:198 Resp: 109762
Ion Ratio Lower Upper
198 100
51 14.0 0.0 33.2
105 28.9 4.9 44.9



#66
n-Nitrosodiphenylamine
Concen: 47.037 ng
RT: 16.163 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:169 Resp: 448669
Ion Ratio Lower Upper
169 100
168 70.8 58.0 87.0
167 37.9 30.0 45.0

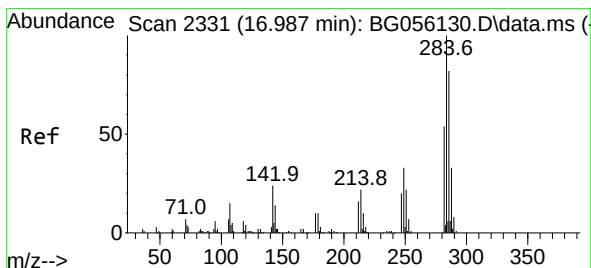
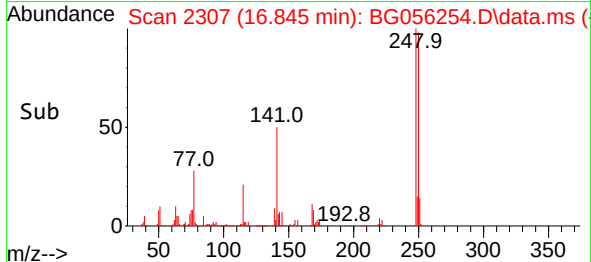
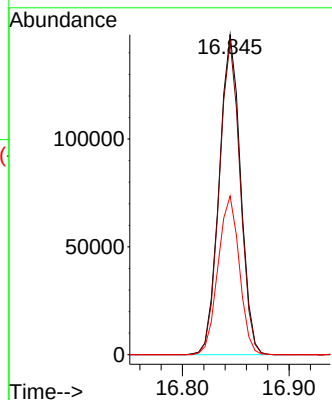
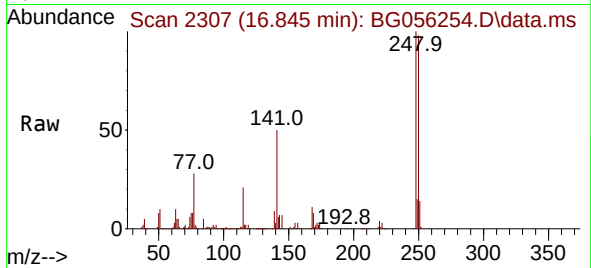




#67
4-Bromophenyl-phenylether
Concen: 46.893 ng
RT: 16.845 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

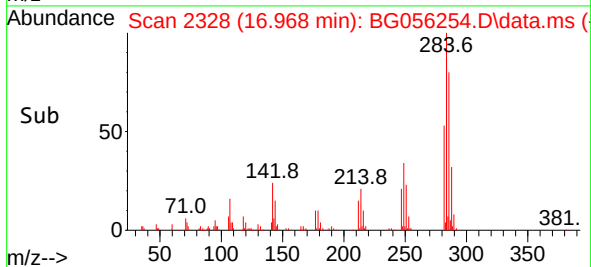
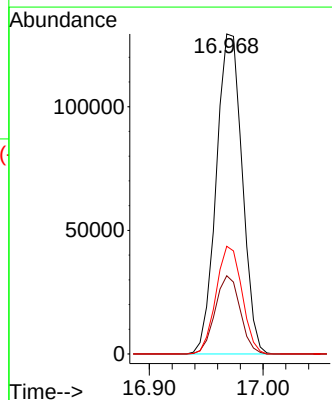
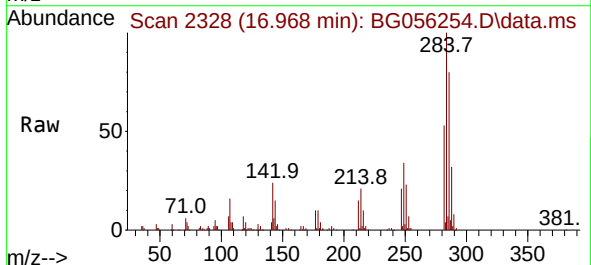
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

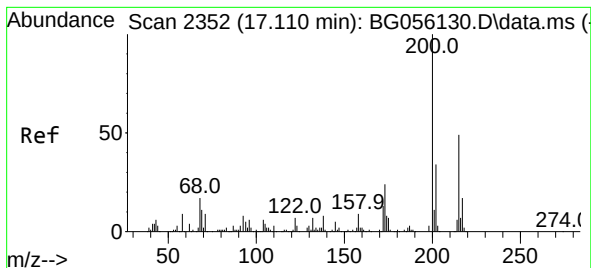
Tgt Ion:248 Resp: 205294
Ion Ratio Lower Upper
248 100
250 97.9 78.2 117.4
141 49.6 37.6 56.4



#68
Hexachlorobenzene
Concen: 50.206 ng
RT: 16.968 min Scan# 2328
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:284 Resp: 205066
Ion Ratio Lower Upper
284 100
142 24.5 19.0 28.6
249 36.2 26.6 39.8





#69

Atrazine

Concen: 49.794 ng

RT: 17.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

Instrument :

BNA_G

ClientSampleId :

S4-03MSD

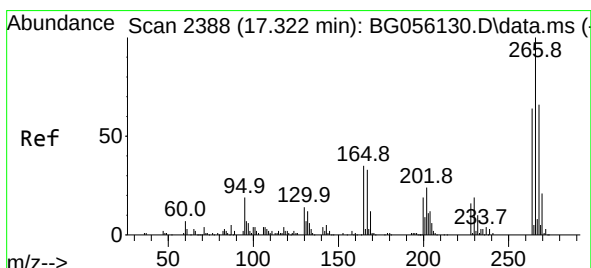
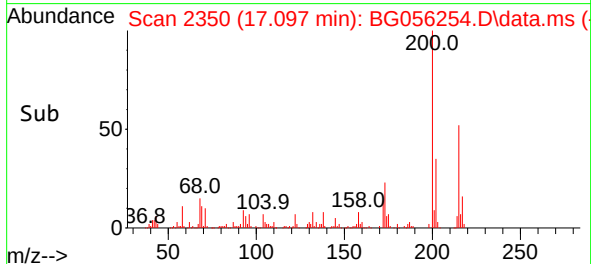
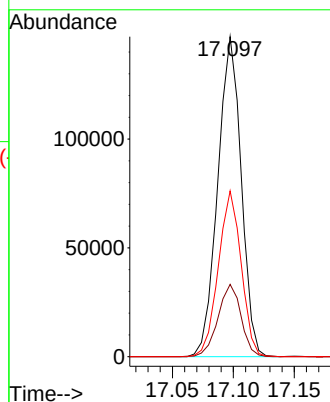
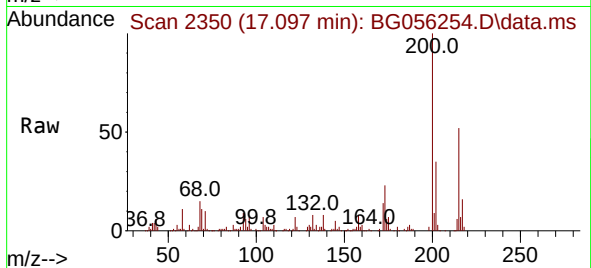
Tgt Ion:200 Resp: 196847

Ion Ratio Lower Upper

200 100

173 22.6 4.0 44.0

215 51.8 29.1 69.1



#70

Pentachlorophenol

Concen: 85.910 ng

RT: 17.309 min Scan# 2386

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

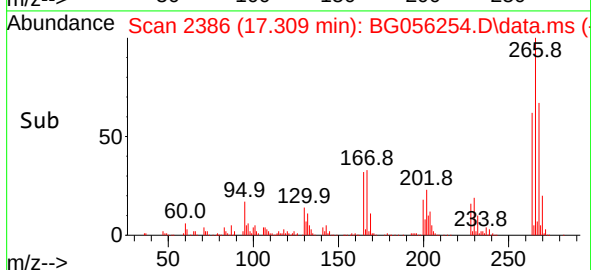
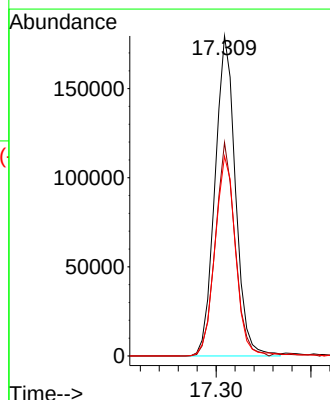
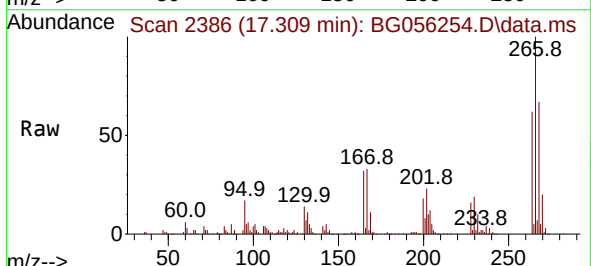
Tgt Ion:266 Resp: 269548

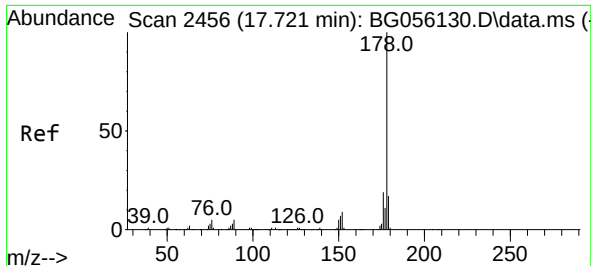
Ion Ratio Lower Upper

266 100

268 66.7 53.0 79.4

264 62.4 51.4 77.2

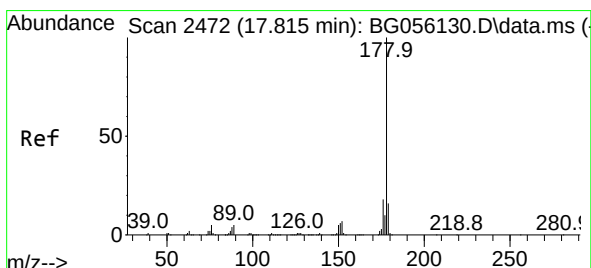
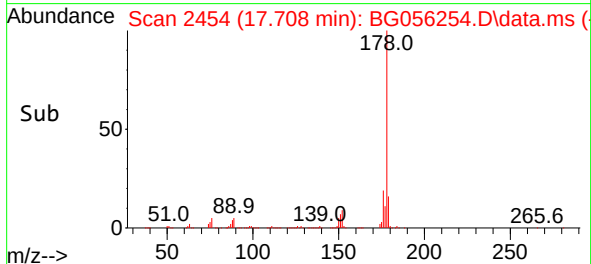
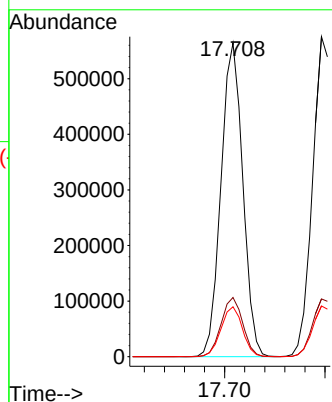
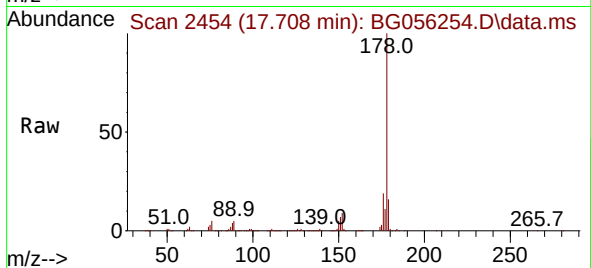




#71
Phenanthrene
Concen: 47.694 ng
RT: 17.708 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

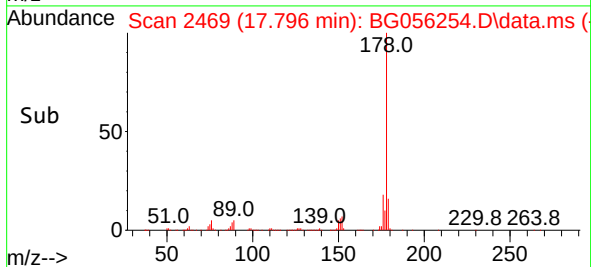
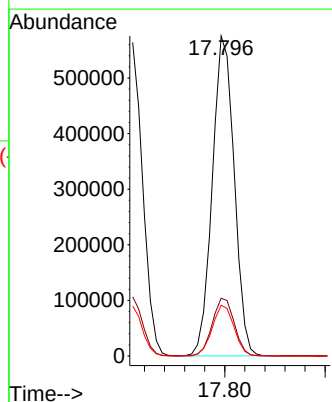
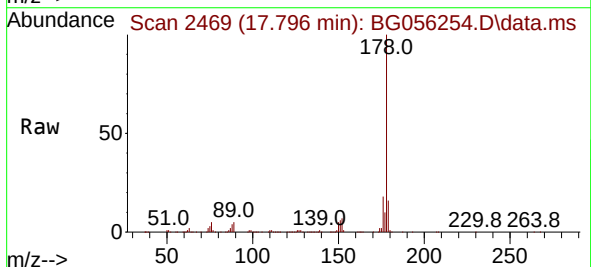
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

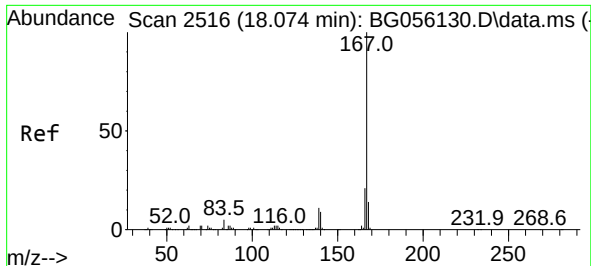
Tgt Ion:178 Resp: 849747
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.9 13.6 20.4



#72
Anthracene
Concen: 47.421 ng
RT: 17.796 min Scan# 2469
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:178 Resp: 871542
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.8 12.7 19.1

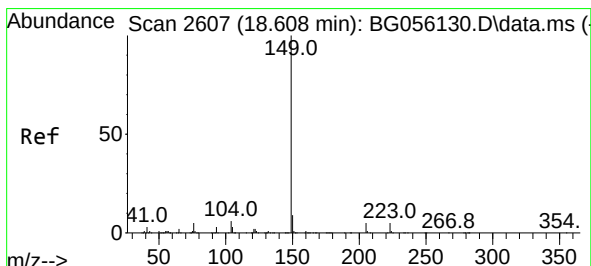
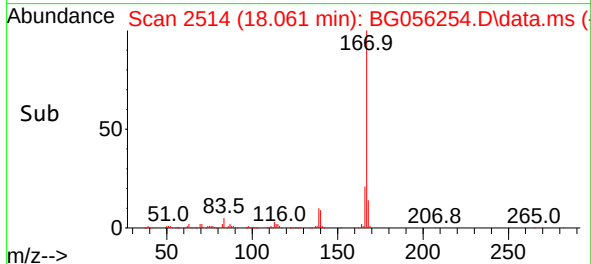
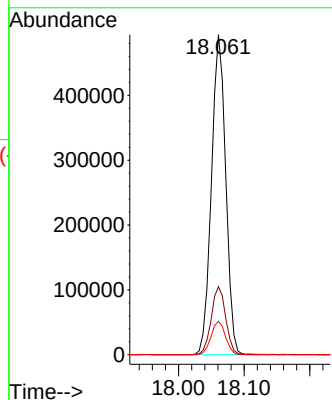
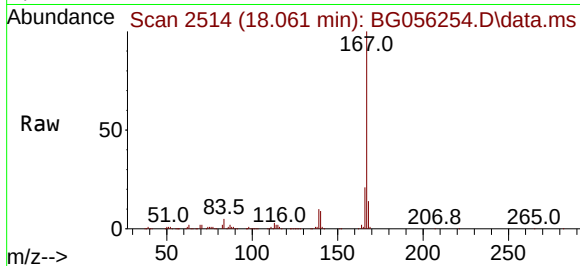




#73
Carbazole
Concen: 48.254 ng
RT: 18.061 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

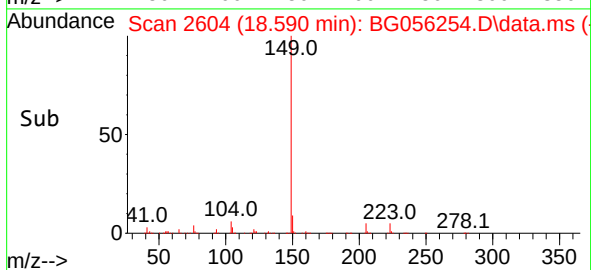
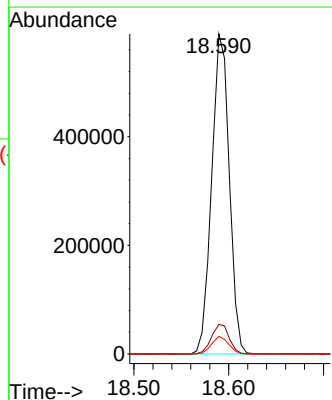
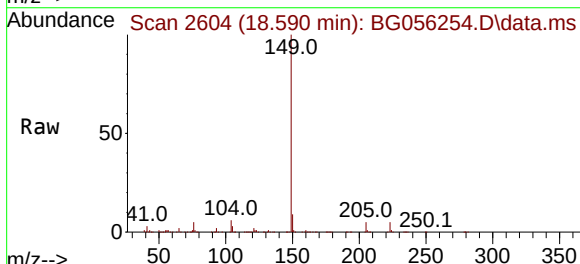
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

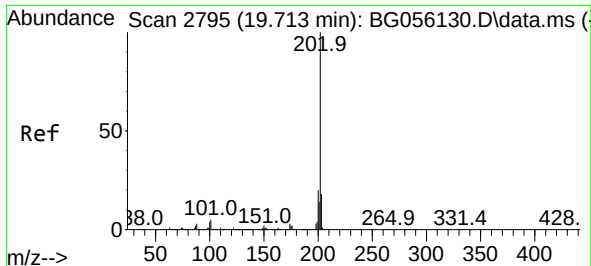
Tgt Ion:167 Resp: 745468
Ion Ratio Lower Upper
167 100
166 21.3 16.8 25.2
139 10.4 8.9 13.3



#74
Di-n-butylphthalate
Concen: 49.162 ng
RT: 18.590 min Scan# 2604
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:149 Resp: 757104
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.5 4.4 6.6

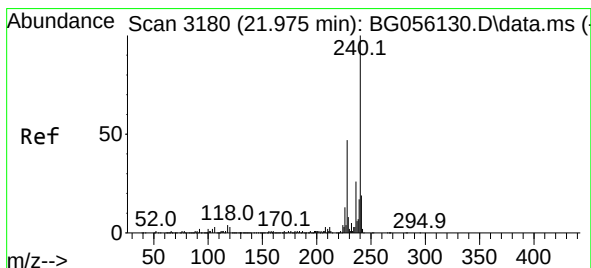
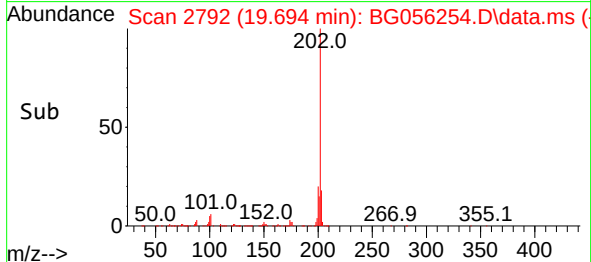
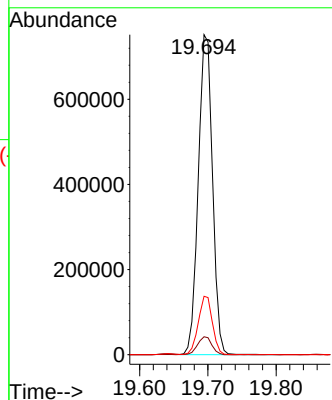
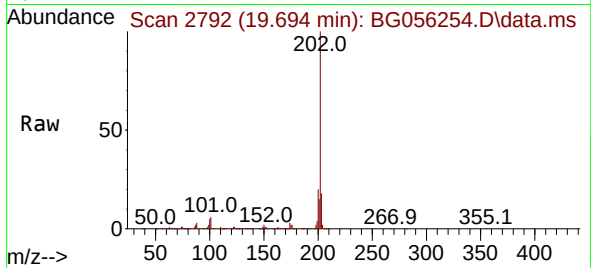




#75
Fluoranthene
Concen: 46.623 ng
RT: 19.694 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

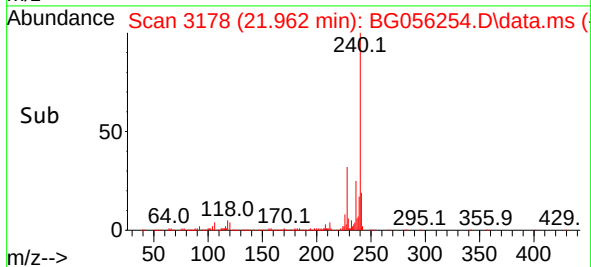
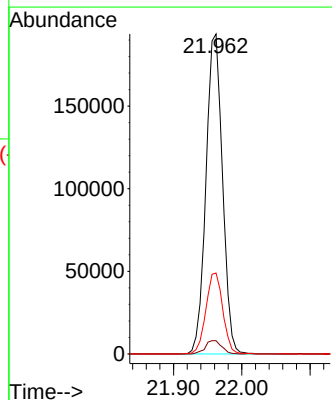
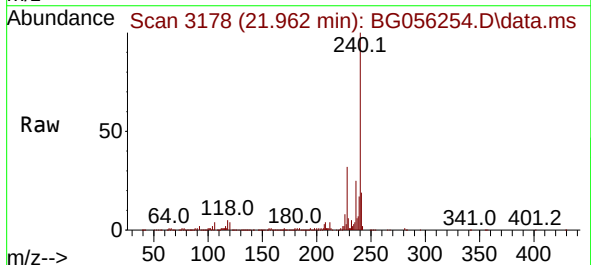
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

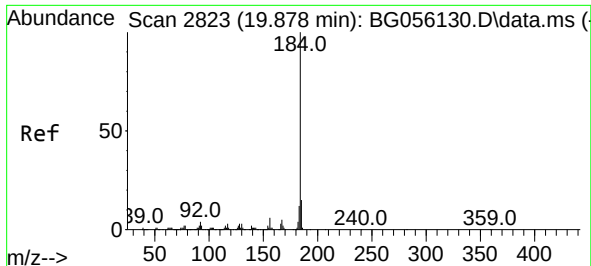
Tgt Ion:202 Resp: 1083521
Ion Ratio Lower Upper
202 100
101 5.6 0.0 25.0
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.962 min Scan# 3178
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:240 Resp: 326436
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.3 20.8 31.2

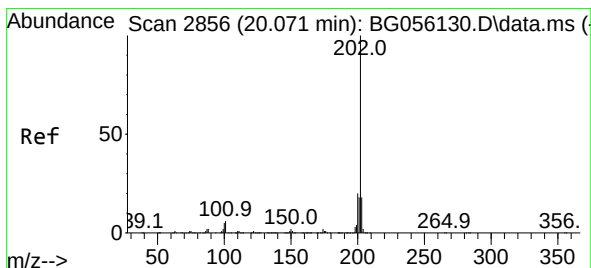
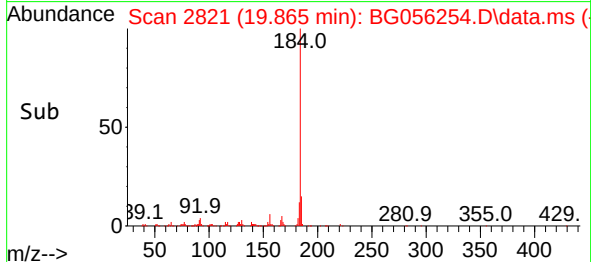
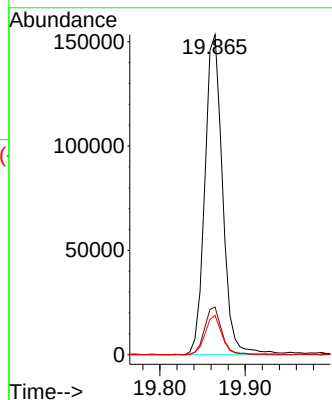
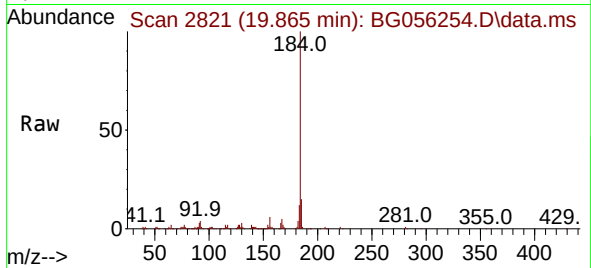




#77
Benzidine
Concen: 19.385 ng
RT: 19.865 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

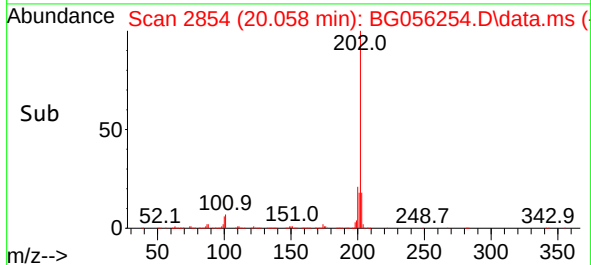
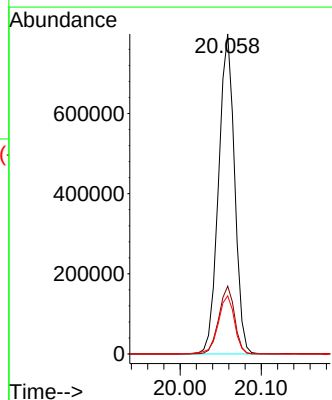
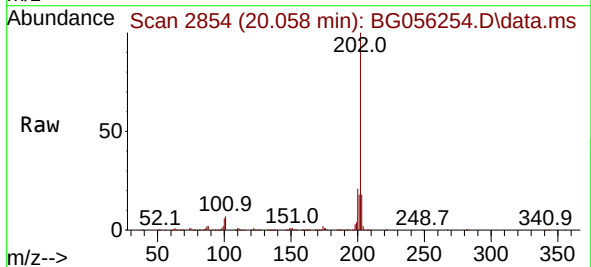
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

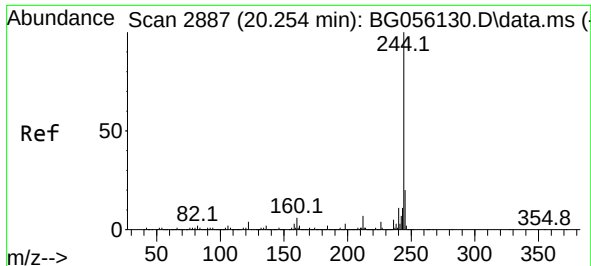
Tgt Ion:184 Resp: 221757
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 12.2 9.4 14.0



#78
Pyrene
Concen: 47.594 ng
RT: 20.058 min Scan# 2854
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:202 Resp: 1095065
Ion Ratio Lower Upper
202 100
200 21.2 16.4 24.6
203 18.2 14.3 21.5

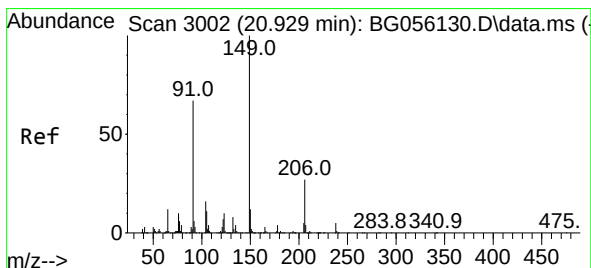
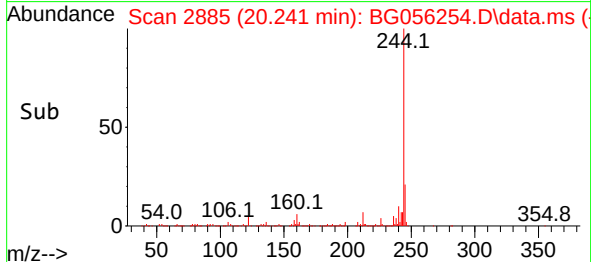
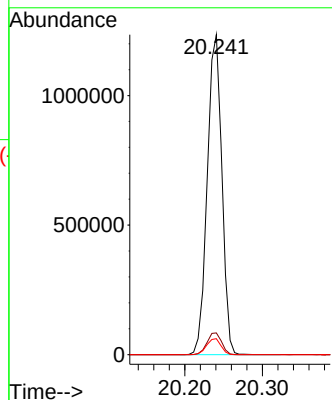
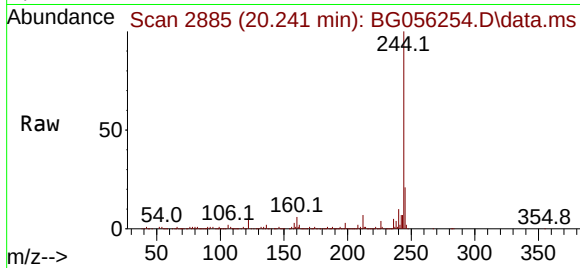




#79
 Terphenyl-d14
 Concen: 88.485 ng
 RT: 20.241 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056254.D
 Acq: 11 Jan 2023 17:21

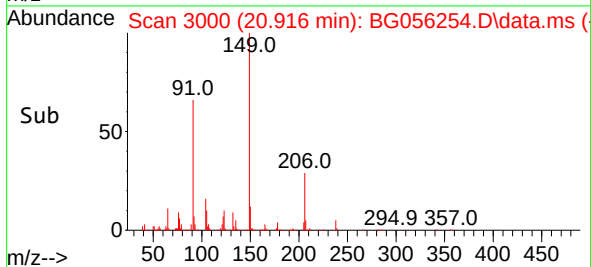
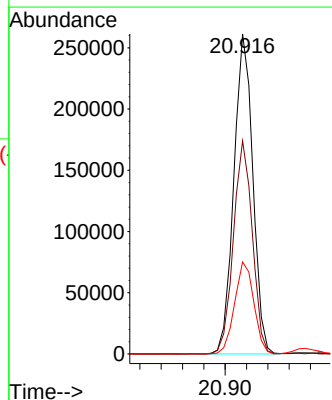
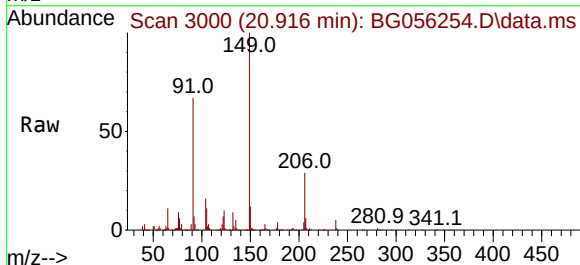
Instrument :
 BNA_G
 ClientSampleId :
 S4-03MSD

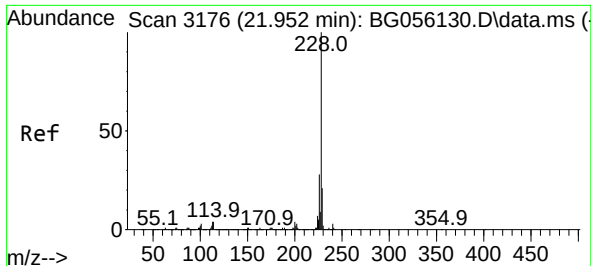
Tgt Ion:244 Resp: 1612718
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 5.0 3.5 5.3



#80
 Butylbenzylphthalate
 Concen: 49.025 ng
 RT: 20.916 min Scan# 3000
 Delta R.T. -0.003 min
 Lab File: BG056254.D
 Acq: 11 Jan 2023 17:21

Tgt Ion:149 Resp: 323616
 Ion Ratio Lower Upper
 149 100
 91 66.6 53.5 80.3
 206 28.8 21.9 32.9

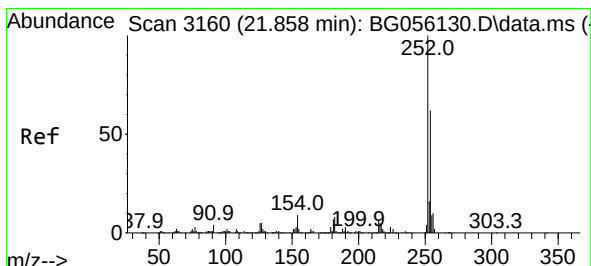
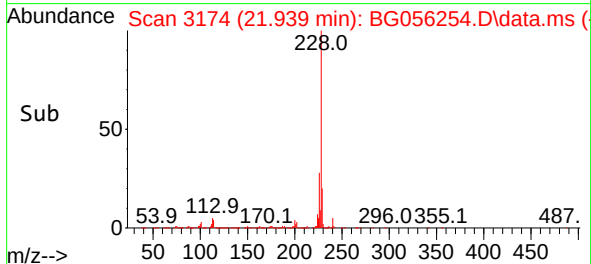
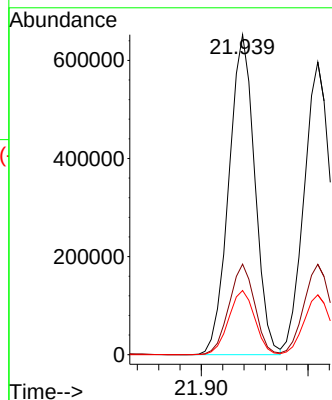
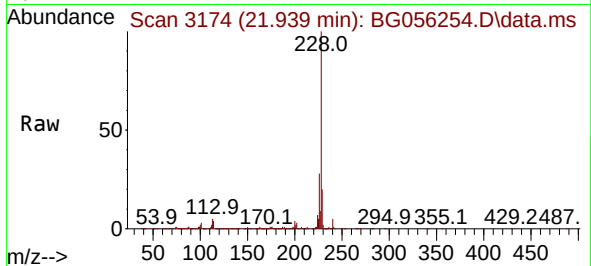




#81
 Benzo(a)anthracene
 Concen: 48.111 ng
 RT: 21.939 min Scan# 3176
 Delta R.T. -0.003 min
 Lab File: BG056254.D
 Acq: 11 Jan 2023 17:21

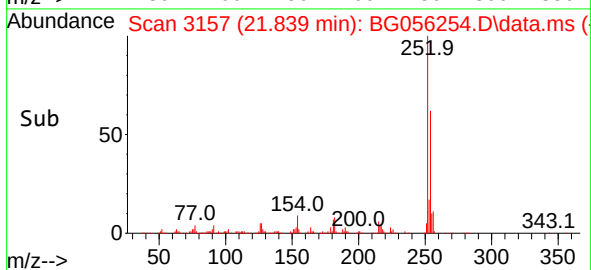
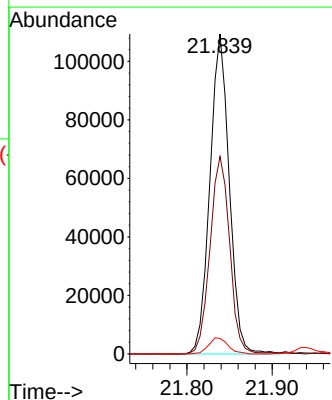
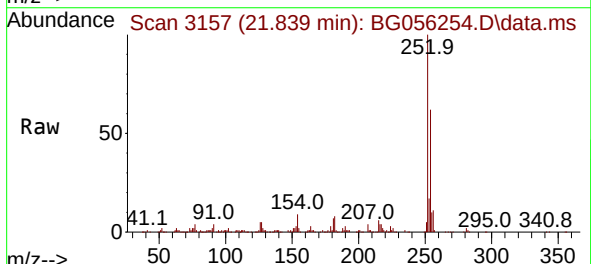
Instrument :
 BNA_G
 ClientSampleId :
 S4-03MSD

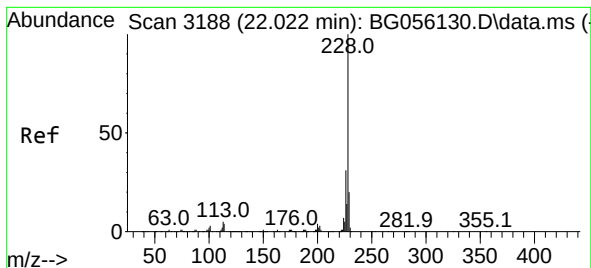
Tgt Ion:228 Resp: 1103080
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.6 34.0
 229 20.0 16.9 25.3



#82
 3,3'-Dichlorobenzidine
 Concen: 20.888 ng
 RT: 21.839 min Scan# 3157
 Delta R.T. -0.003 min
 Lab File: BG056254.D
 Acq: 11 Jan 2023 17:21

Tgt Ion:252 Resp: 172402
 Ion Ratio Lower Upper
 252 100
 254 61.7 49.5 74.3
 126 4.9 4.0 6.0





#83

Chrysene

Concen: 47.793 ng

RT: 22.009 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

Instrument :

BNA_G

ClientSampleId :

S4-03MSD

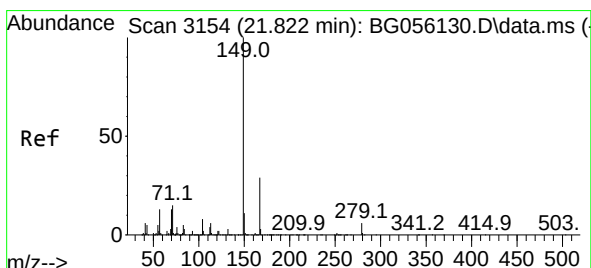
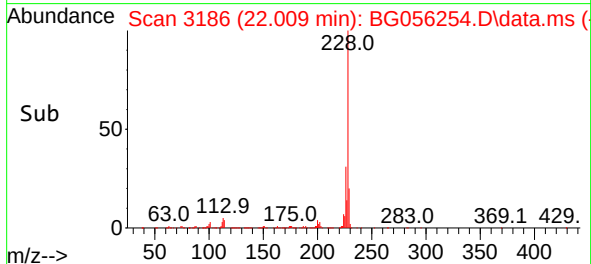
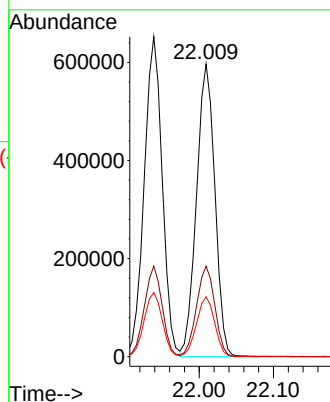
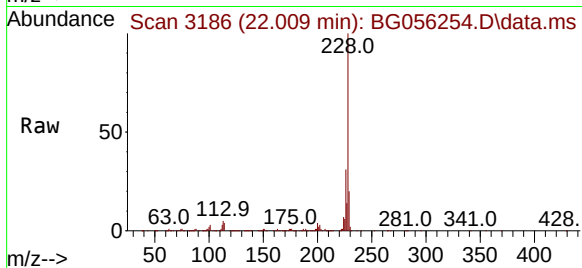
Tgt Ion:228 Resp: 1026435

Ion Ratio Lower Upper

228 100

226 30.9 24.6 36.8

229 20.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.333 ng

RT: 21.804 min Scan# 3151

Delta R.T. -0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

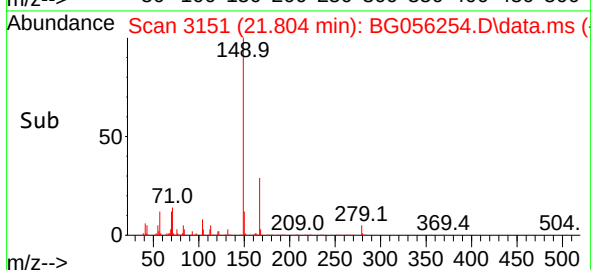
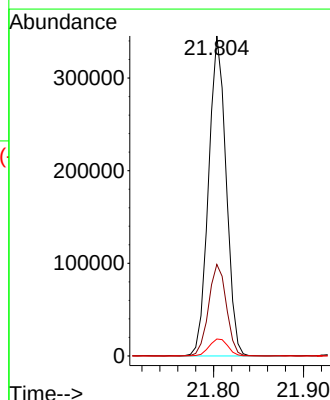
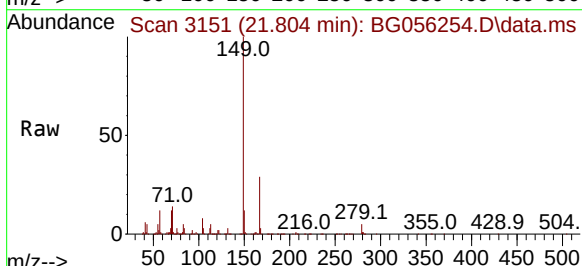
Tgt Ion:149 Resp: 469159

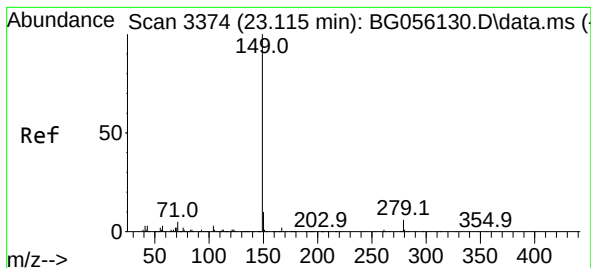
Ion Ratio Lower Upper

149 100

167 28.6 23.4 35.2

279 5.3 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 50.024 ng

RT: 23.090 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

Instrument :

BNA_G

ClientSampleId :

S4-03MSD

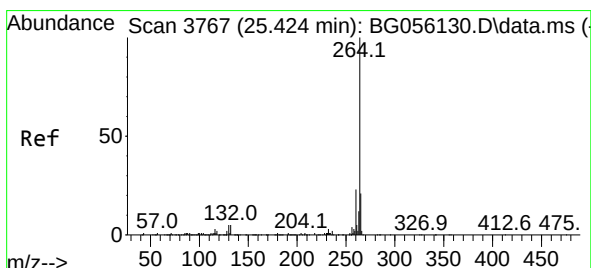
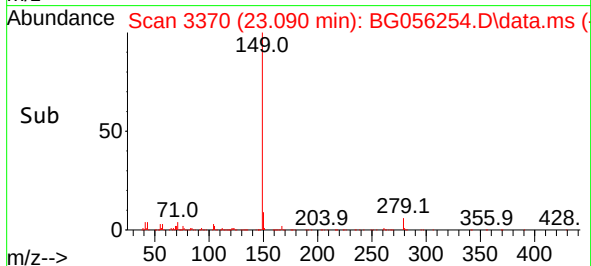
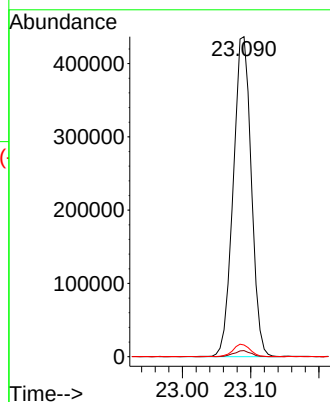
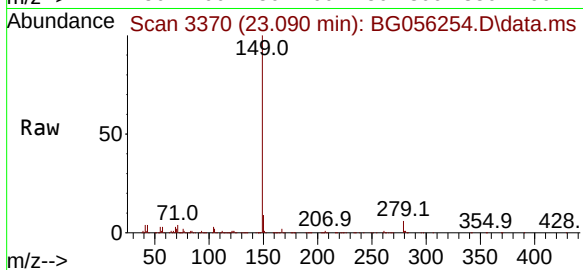
Tgt Ion:149 Resp: 803119

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 3.8 2.9 4.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.399 min Scan# 3763

Delta R.T. -0.003 min

Lab File: BG056254.D

Acq: 11 Jan 2023 17:21

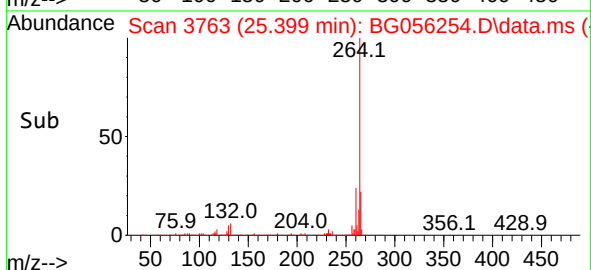
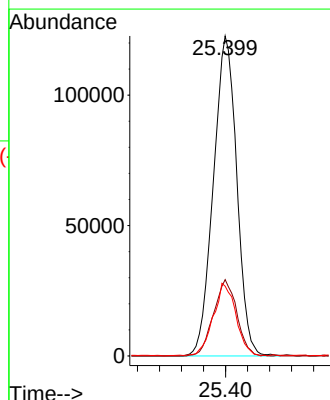
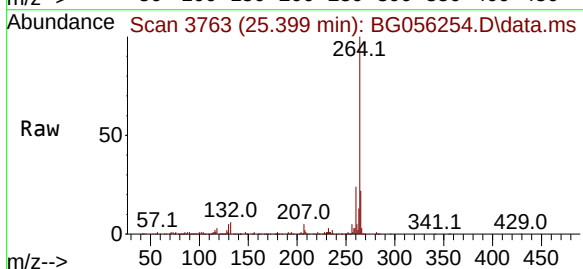
Tgt Ion:264 Resp: 361989

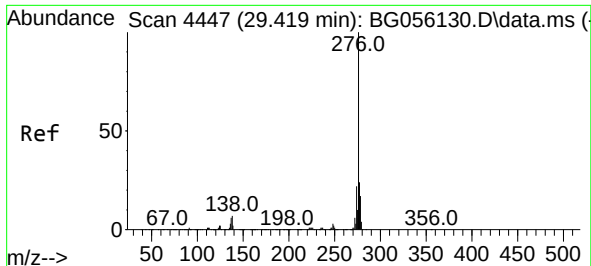
Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 21.8 16.7 25.1

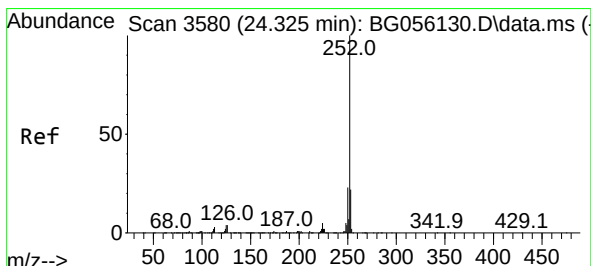
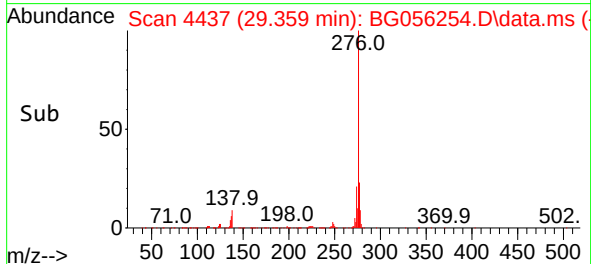
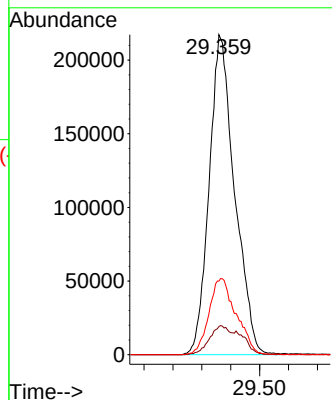
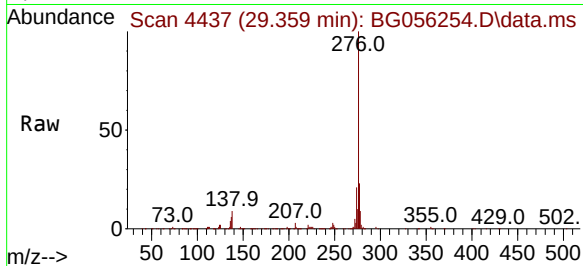




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.418 ng
 RT: 29.359 min Scan# 4447
 Delta R.T. -0.003 min
 Lab File: BG056254.D
 Acq: 11 Jan 2023 17:21

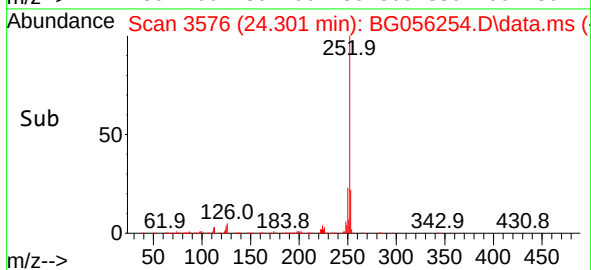
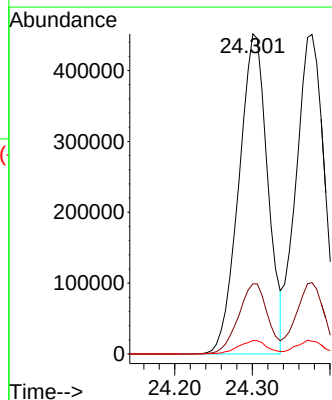
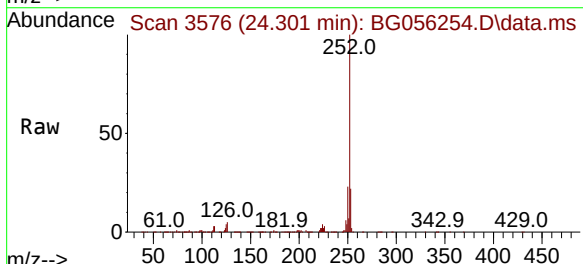
Instrument :
 BNA_G
 ClientSampleId :
 S4-03MSD

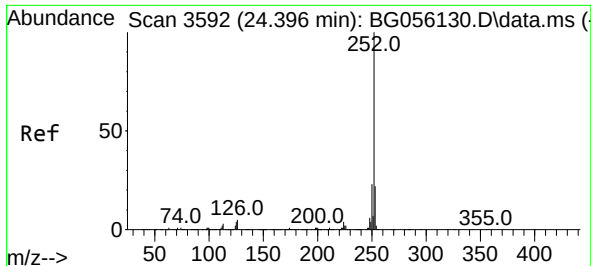
Tgt Ion:276 Resp: 1327308
 Ion Ratio Lower Upper
 276 100
 138 7.8 5.0 7.4#
 277 25.5 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 50.741 ng
 RT: 24.301 min Scan# 3576
 Delta R.T. 0.003 min
 Lab File: BG056254.D
 Acq: 11 Jan 2023 17:21

Tgt Ion:252 Resp: 1167009
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.2
 125 4.2 3.0 4.4

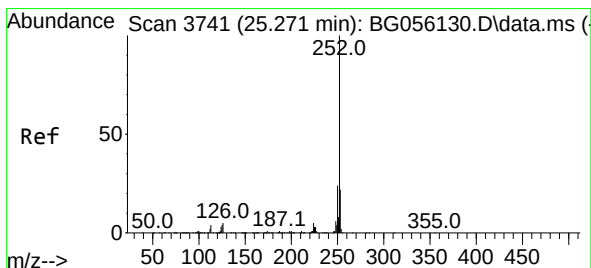
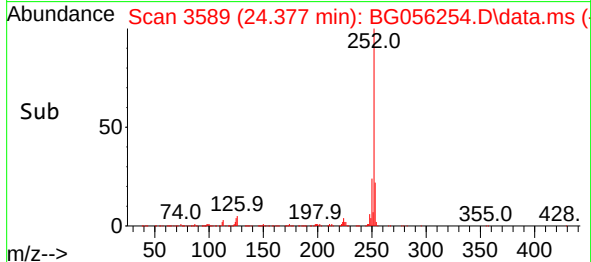
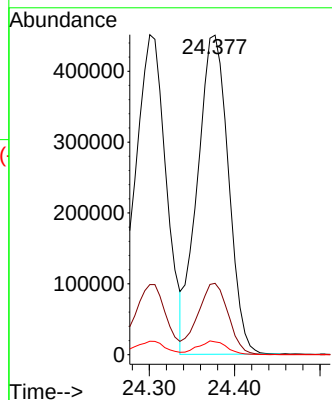
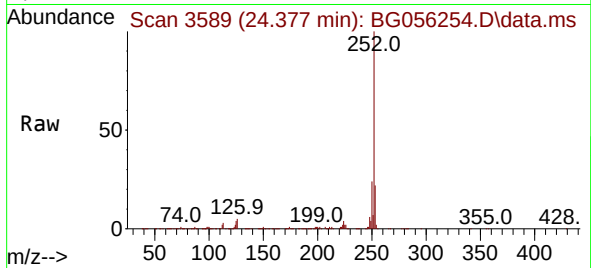




#89
Benzo(k)fluoranthene
Concen: 49.673 ng
RT: 24.377 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

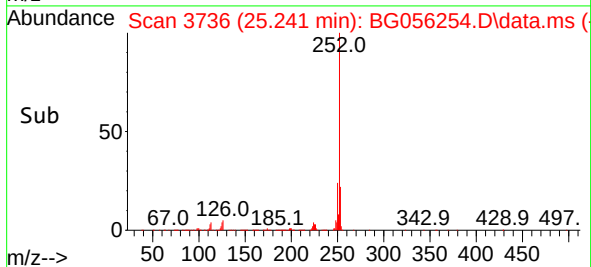
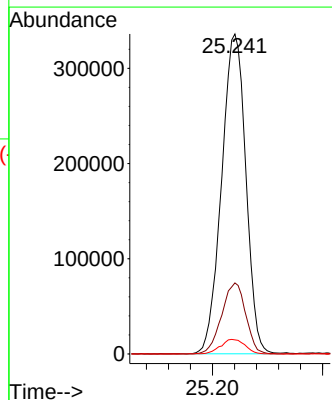
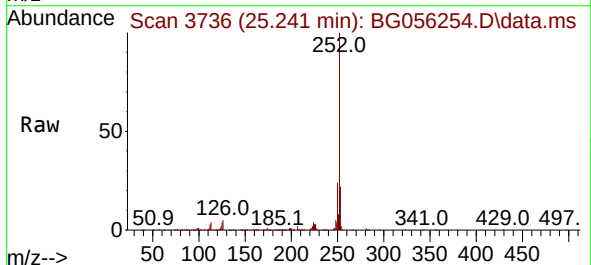
Instrument :
BNA_G
ClientSampleId :
S4-03MSD

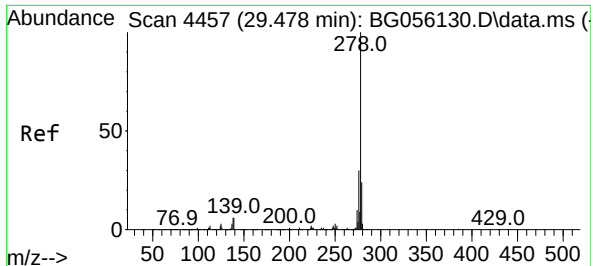
Tgt Ion:252 Resp: 1137662
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 4.0 3.4 5.0



#90
Benzo(a)pyrene
Concen: 45.779 ng
RT: 25.241 min Scan# 3736
Delta R.T. -0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:252 Resp: 1026952
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 4.4 3.2 4.8

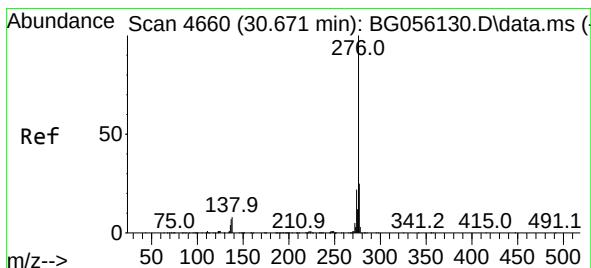
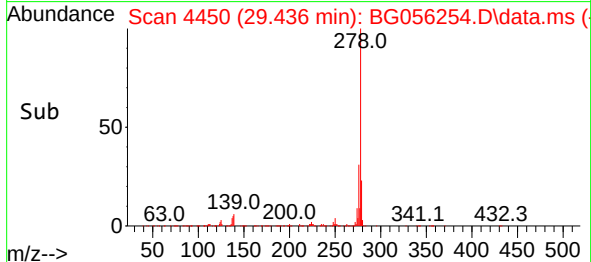
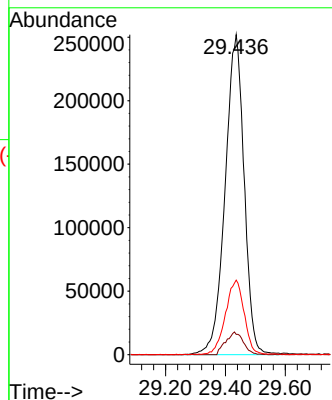
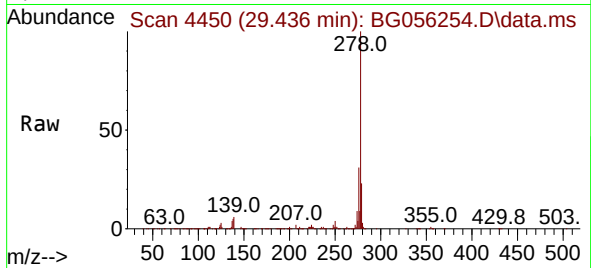




#91
Dibenzo(a,h)anthracene
Concen: 50.268 ng
RT: 29.436 min Scan# 4450
Delta R.T. 0.003 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Instrument :
BNA_G
ClientSampleId :
S4-03MSD

Tgt Ion:278 Resp: 1109497
Ion Ratio Lower Upper
278 100
139 6.4 4.8 7.2
279 23.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 50.195 ng
RT: 30.605 min Scan# 4649
Delta R.T. -0.009 min
Lab File: BG056254.D
Acq: 11 Jan 2023 17:21

Tgt Ion:276 Resp: 1074366
Ion Ratio Lower Upper
276 100
277 22.8 19.7 29.5
138 9.5 6.7 10.1

