

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056092.D
 Acq On : 24 Dec 2022 16:26
 Operator : CG/JU
 Sample : SST04044
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 24 21:49:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 18:26:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	35460	20.000	ng/ul	0.00
20) Naphthalene-d8	11.182	136	133989	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.954	164	120062	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.692	188	323065	20.000	ng/ul	0.00
79) Chrysene-d12	21.993	240	333581	20.000	ng/ul	0.00
88) Perylene-d12	25.465	264	367108	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	14175	16.732	ng/uL	0.00
4) Pyridine-d5	4.084	84	112931	40.887	ng/ul	0.00
7) Phenol-d5	7.474	99	126689	39.386	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.656	67	51164	40.358	ng/ul	0.00
11) 2-Chlorophenol-d4	7.874	132	78529	41.308	ng/ul	0.00
15) 4-Methylphenol-d8	9.043	113	96408	39.825	ng/ul	0.00
21) Nitrobenzene-d5	9.519	128	40643	41.647	ng/ul	0.00
24) 2-Nitrophenol-d4	10.247	143	52197	40.937	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.788	165	116791	41.220	ng/ul	0.00
31) 4-Chloroaniline-d4	11.305	131	128058	39.959	ng/ul	0.00
46) Dimethylphthalate-d6	14.349	166	382309	41.143	ng/ul	0.00
49) Acenaphthylene-d8	14.654	160	423881	40.393	ng/ul	0.00
54) 4-Nitrophenol-d4	15.118	143	54666	39.082	ng/ul	0.00
60) Fluorene-d10	15.941	176	363269	39.605	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.047	200	82071	39.518	ng/ul	0.00
73) Anthracene-d10	17.792	188	606191	40.604	ng/ul	0.00
81) Pyrene-d10	20.054	212	764084	41.475	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.230	264	761842	40.829	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.690	88	14506	15.913	ng/uL#	95
5) Pyridine	4.108	79	108178	40.632	ng/ul	97
6) Benzaldehyde	7.474	77	50088	42.416	ng/ul	90
8) Phenol	7.504	94	126769	39.601	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.750	93	85101	40.387	ng/ul	97
12) 2-Chlorophenol	7.903	128	78781	41.258	ng/ul	98
13) 2-Methylphenol	8.773	108	95995	39.939	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.873	45	10689	39.493	ng/ul#	70
16) Acetophenone	9.172	105	158827	39.609	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.155	70	68140	40.191	ng/ul#	93
18) 4-Methylphenol	9.102	108	105191	40.403	ng/ul	97
19) Hexachloroethane	9.448	117	31669	41.250	ng/ul	99
22) Nitrobenzene	9.560	77	100575	41.533	ng/ul#	96
23) Isophorone	10.083	82	224772	40.597	ng/ul	96
25) 2-Nitrophenol	10.283	139	52141	42.363	ng/ul#	93
26) 2,4-Dimethylphenol	10.324	107	118226	40.594	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.559	93	117889	41.086	ng/ul	98
29) 2,4-Dichlorophenol	10.817	162	112570	41.598	ng/ul	96
30) Naphthalene	11.235	128	288230	41.285	ng/ul	99
32) 4-Chloroaniline	11.329	127	127823	39.581	ng/ul	95
33) Hexachlorobutadiene	11.511	225	101686	40.097	ng/ul	99
34) Caprolactam	12.081	113	31701	38.734	ng/ul#	78
35) 4-Chloro-3-methylphenol	12.416	107	108134	41.593	ng/ul	94
36) 2-Methylnaphthalene	12.809	142	223418	39.915	ng/ul	91

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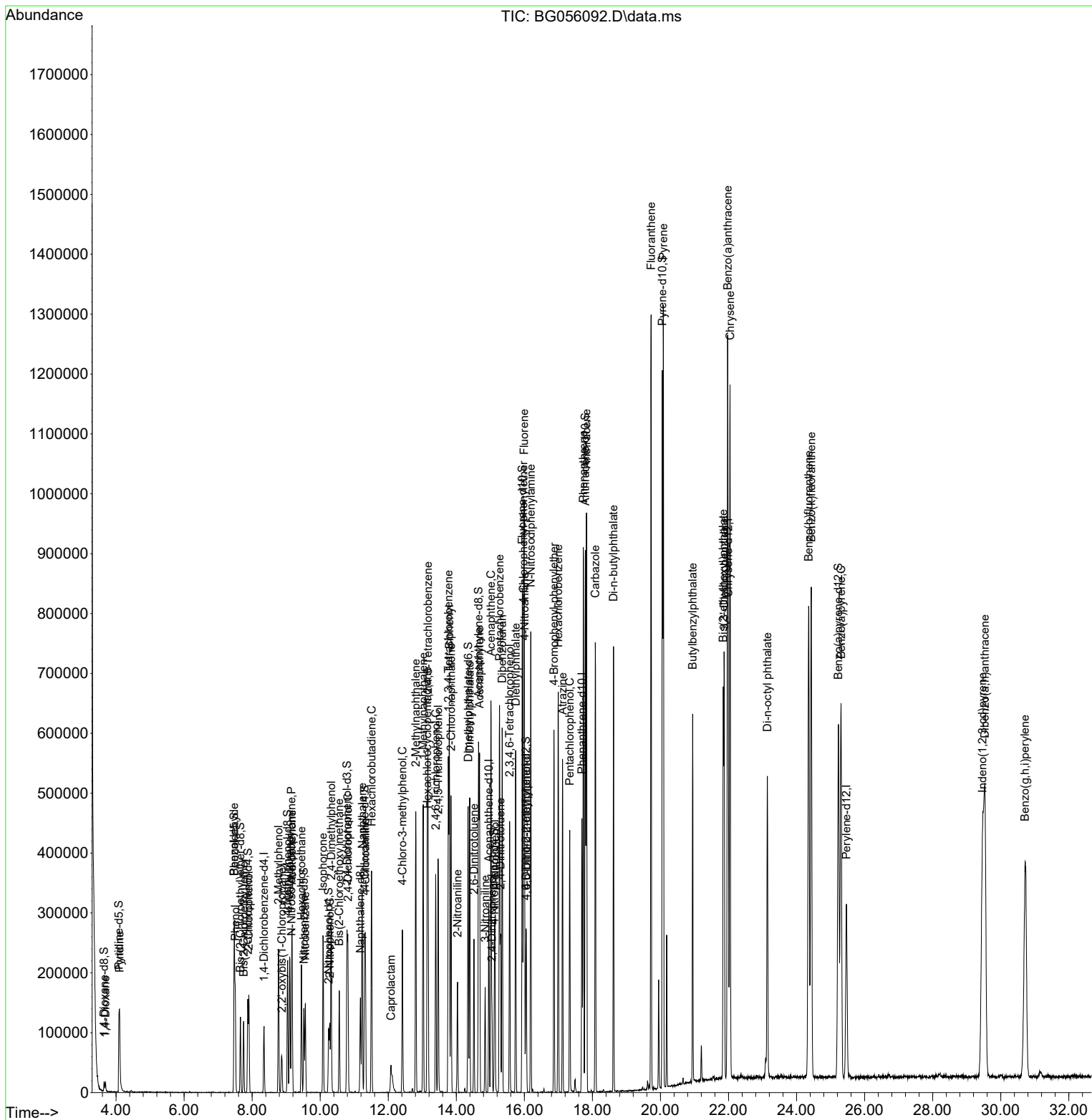
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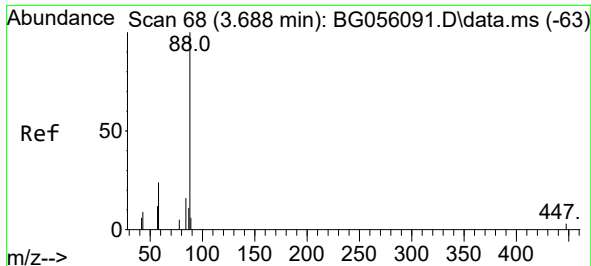
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.027	142	225665	40.021	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.168	216	199054	40.200	ng/ul	98
40) Hexachlorocyclopentadiene	13.144	237	127114	39.593	ng/ul	97
41) 2,4,6-Trichlorophenol	13.397	196	120896	41.425	ng/ul	88
42) 2,4,5-Trichlorophenol	13.467	196	133120	42.069	ng/ul	88
43) 1,1'-Biphenyl	13.796	154	345038	40.650	ng/ul	97
44) 2-Chloronaphthalene	13.843	162	285476	40.577	ng/ul	95
45) 2-Nitroaniline	14.037	65	41643	42.624	ng/ul#	77
47) Dimethylphthalate	14.396	163	377268	40.943	ng/ul	100
48) 2,6-Dinitrotoluene	14.519	165	75688	41.615	ng/ul	93
50) Acenaphthylene	14.683	152	425936	40.842	ng/ul	98
51) 3-Nitroaniline	14.848	138	55216	40.417	ng/ul	97
52) Acenaphthene	15.018	153	298973	40.809	ng/ul	91
53) 2,4-Dinitrophenol	15.048	184	55993	39.553	ng/ul	94
55) 4-Nitrophenol	15.136	109	56296	41.369	ng/ul	95
56) Dibenzofuran	15.347	168	459966	40.111	ng/ul	99
57) 2,4-Dinitrotoluene	15.300	165	103839	41.171	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.565	232	129131	41.284	ng/ul#	99
59) Diethylphthalate	15.747	149	339667	41.261	ng/ul	97
61) Fluorene	15.994	166	375828	39.898	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.976	204	242599	39.643	ng/ul	96
63) 4-Nitroaniline	16.005	138	54728	41.982	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.058	198	78319	39.334	ng/ul#	93
67) N-Nitrosodiphenylamine	16.188	169	338047	41.298	ng/ul	98
68) 4-Bromophenyl-phenylether	16.869	248	169924	41.488	ng/ul	94
69) Hexachlorobenzene	16.998	284	162728	41.050	ng/ul	95
70) Atrazine	17.122	200	159346	40.828	ng/ul	97
71) Pentachlorophenol	17.333	266	102754	40.771	ng/ul	94
72) Phenanthrene	17.733	178	670687	40.893	ng/ul	99
74) Anthracene	17.827	178	677505	40.353	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.767	216	202989	41.423	ng/ul	94
76) Pentachlorobenzene	15.271	250	201703	41.696	ng/ul	90
77) Carbazole	18.085	167	554151	40.371	ng/ul	99
78) Di-n-butylphthalate	18.620	149	542209	43.235	ng/ul	98
80) Fluoranthene	19.725	202	906887	41.863	ng/ul	100
82) Pyrene	20.083	202	883938	40.448	ng/ul	99
83) Butylbenzylphthalate	20.947	149	205933	44.281	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.875	252	322217	42.991	ng/ul	99
85) Benzo(a)anthracene	21.975	228	934491	41.043	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.846	149	322670	45.291	ng/ul	99
87) Chrysene	22.045	228	867181	41.039	ng/ul	99
89) Di-n-octyl phthalate	23.144	149	555271	40.873	ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	1002675	41.373	ng/ul	98
91) Benzo(k)fluoranthene	24.431	252	945018	39.984	ng/ul	99
93) Benzo(a)pyrene	25.306	252	856674	40.567	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.460	276	511549	18.407	ng/ul	98
95) Dibenzo(a,h)anthracene	29.537	278	928728	39.920	ng/ul	99
96) Benzo(g,h,i)perylene	30.712	276	570314	25.554	ng/ul	100

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

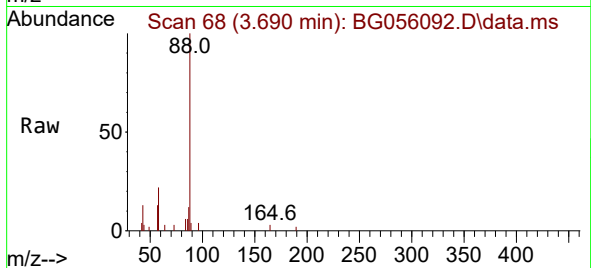
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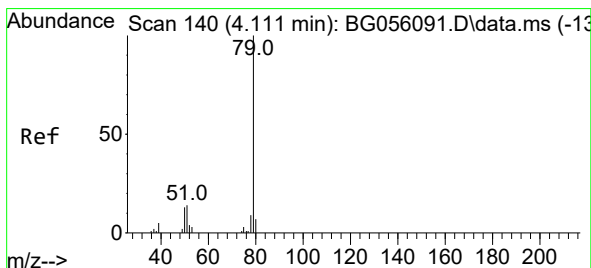
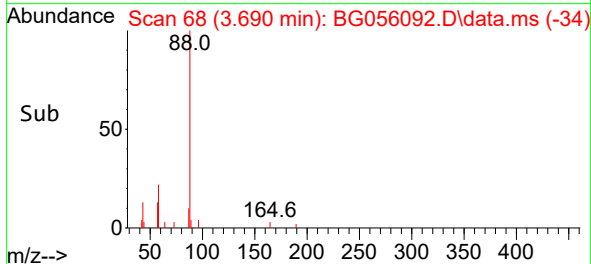
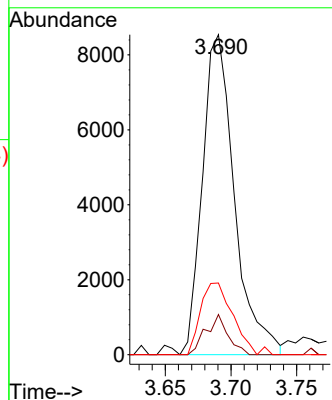


#2
1,4-Dioxane
Concen: 15.913 ng/uL
RT: 3.690 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

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ClientSampleId :

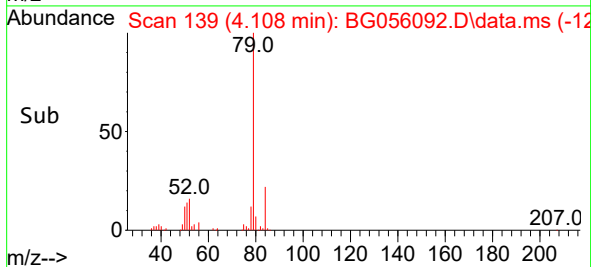
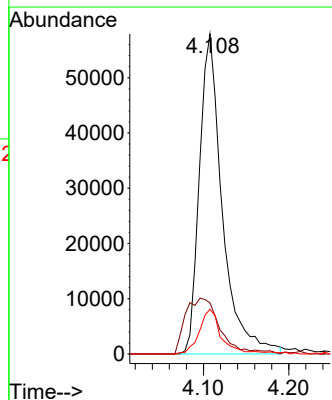
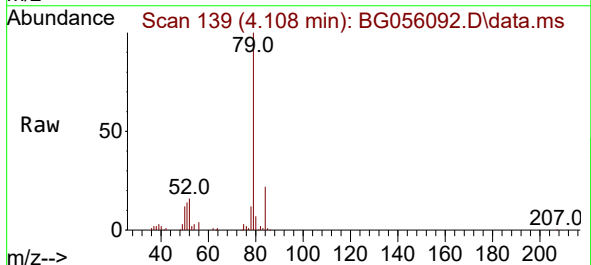


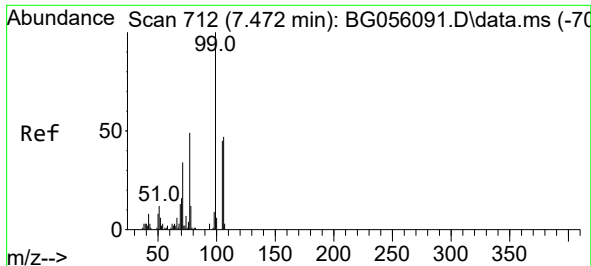
Tgt Ion: 88 Resp: 14506
Ion Ratio Lower Upper
88 100
43 12.6 7.4 11.0#
58 22.4 19.1 28.7



#5
Pyridine
Concen: 40.632 ng/uL
RT: 4.108 min Scan# 139
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion: 79 Resp: 108178
Ion Ratio Lower Upper
79 100
52 16.0 11.0 16.6
51 13.9 11.1 16.7

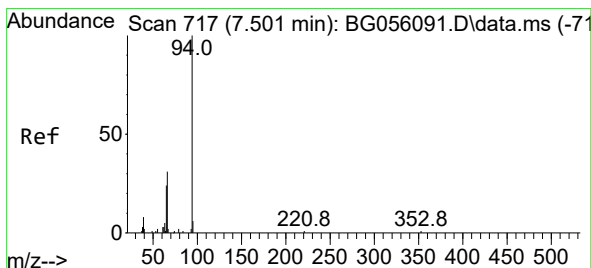
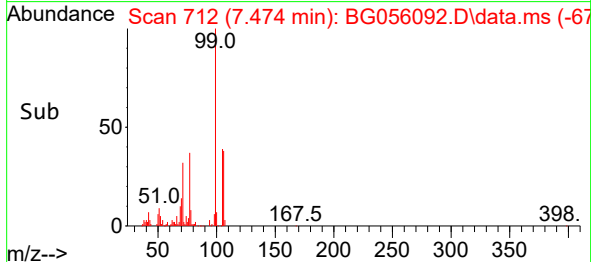
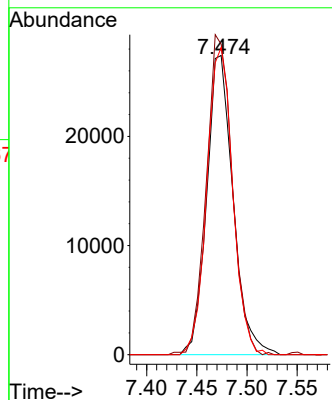
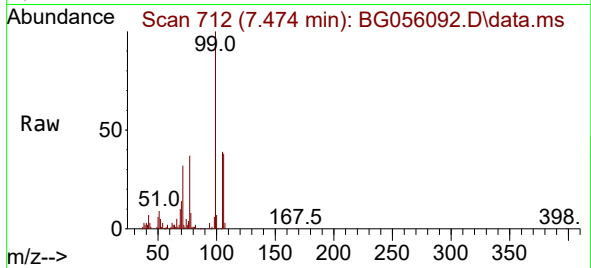




#6
Benzaldehyde
Concen: 42.416 ng/ul
RT: 7.474 min Scan# 712
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

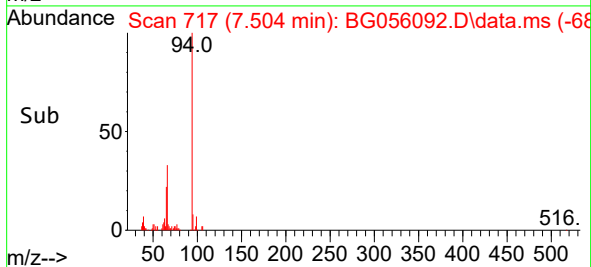
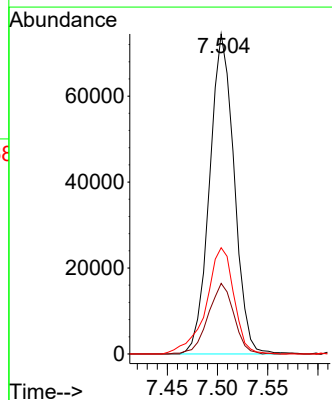
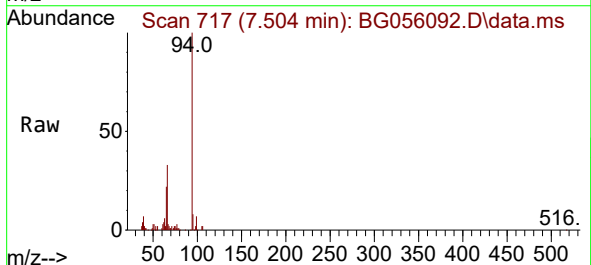
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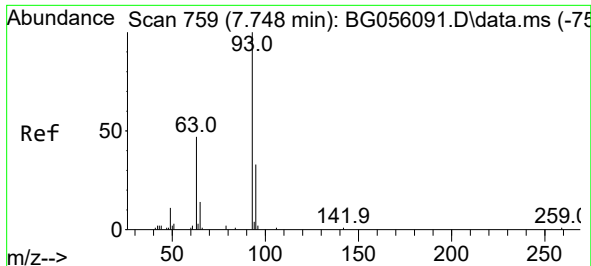
Tgt Ion: 77 Resp: 50088
Ion Ratio Lower Upper
77 100
105 103.8 72.6 109.0
106 102.7 76.8 115.2



#8
Phenol
Concen: 39.601 ng/ul
RT: 7.504 min Scan# 717
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion: 94 Resp: 126769
Ion Ratio Lower Upper
94 100
65 22.1 18.8 28.2
66 33.2 26.2 39.2

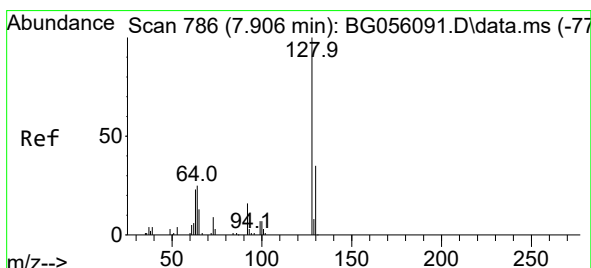
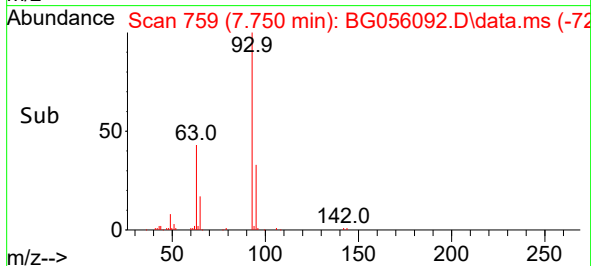
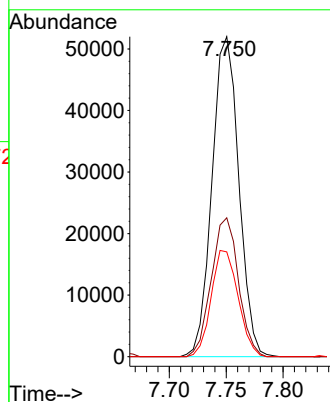
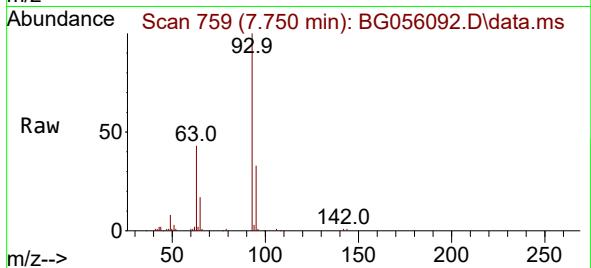




#10
 Bis(2-Chloroethyl)ether
 Concen: 40.387 ng/ul
 RT: 7.750 min Scan# 759
 Delta R.T. 0.003 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26

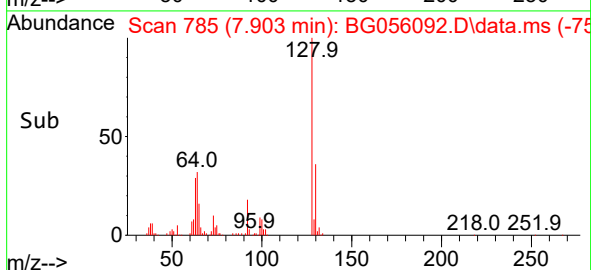
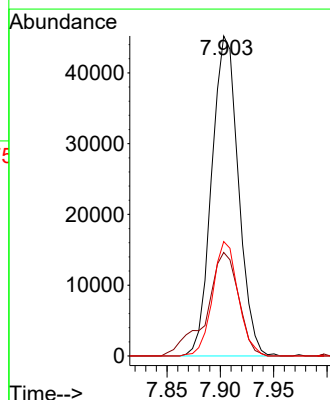
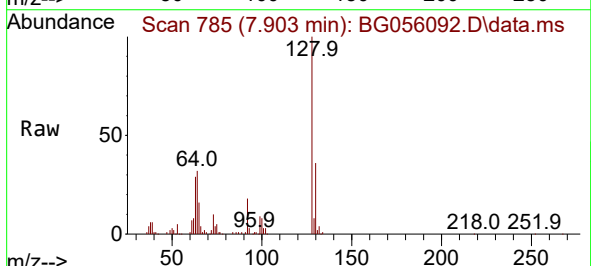
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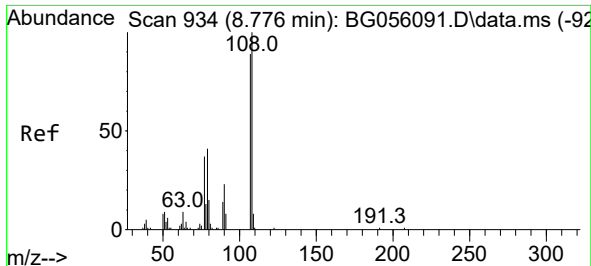
Tgt Ion:	93	Resp:	85101
Ion	Ratio	Lower	Upper
93	100		
63	43.4	37.4	56.2
95	32.8	26.3	39.5



#12
 2-Chlorophenol
 Concen: 41.258 ng/ul
 RT: 7.903 min Scan# 785
 Delta R.T. -0.003 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26

Tgt Ion:	128	Resp:	78781
Ion	Ratio	Lower	Upper
128	100		
64	32.3	24.8	37.2
130	35.8	27.9	41.9

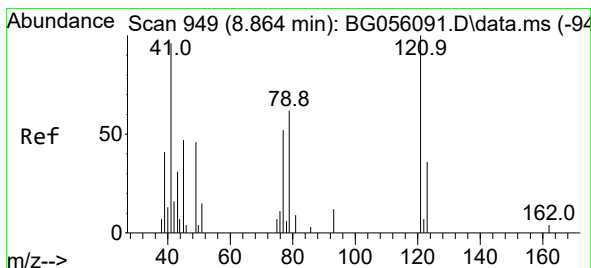
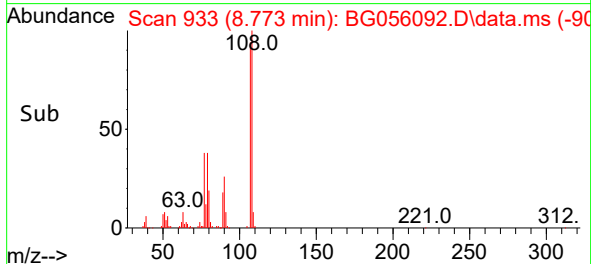
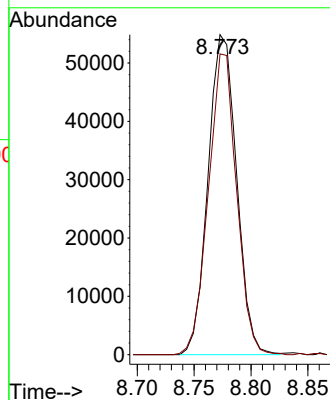
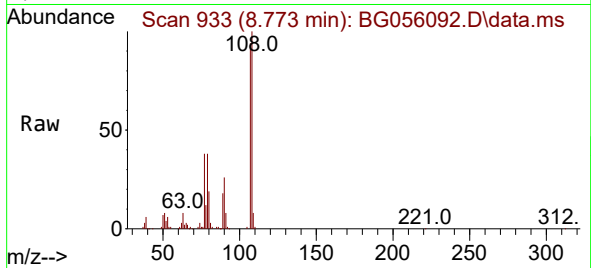




#13
2-Methylphenol
Concen: 39.939 ng/ul
RT: 8.773 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

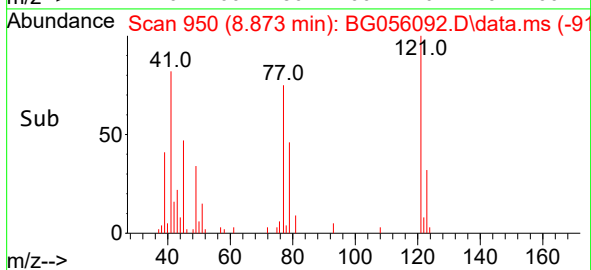
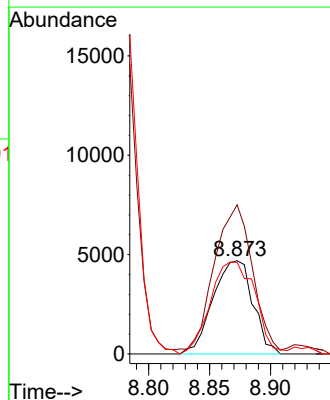
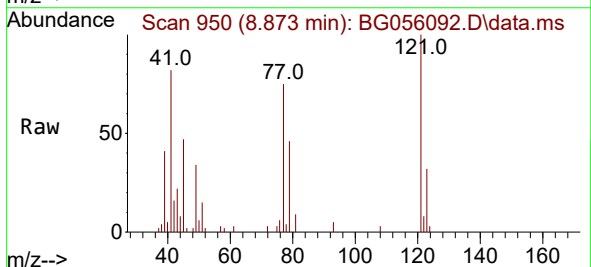
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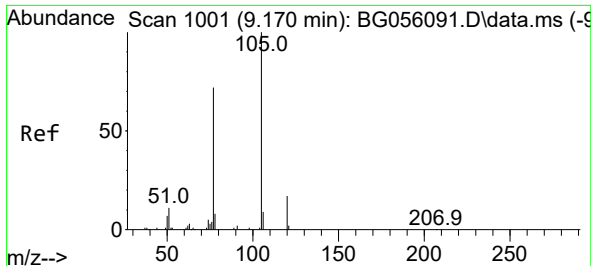
Tgt Ion:108 Resp: 95995
Ion Ratio Lower Upper
108 100
107 94.0 71.4 107.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.493 ng/ul
RT: 8.873 min Scan# 950
Delta R.T. 0.008 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion: 45 Resp: 10689
Ion Ratio Lower Upper
45 100
77 159.9 105.8 158.8#
79 98.2 114.2 171.4#

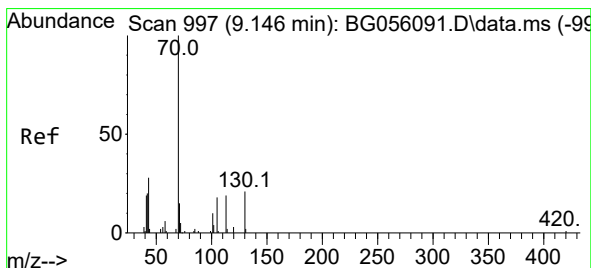
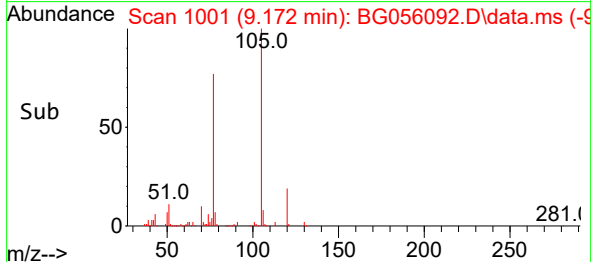
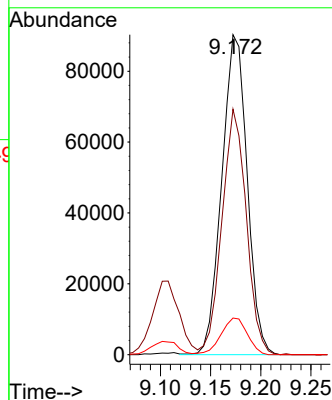
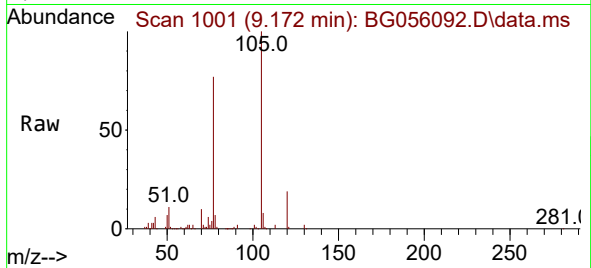




#16
 Acetophenone
 Concen: 39.609 ng/ul
 RT: 9.172 min Scan# 1001
 Delta R.T. 0.003 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26

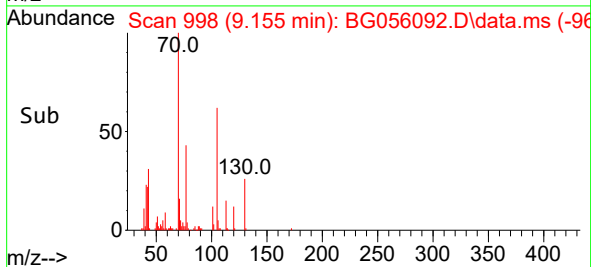
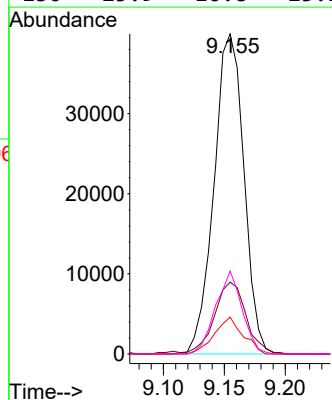
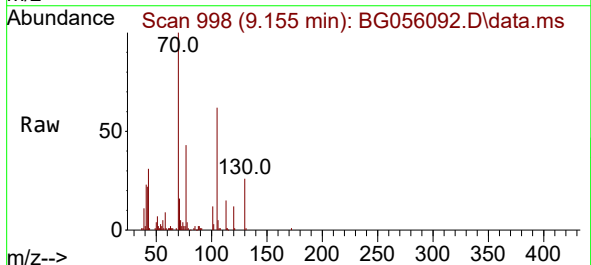
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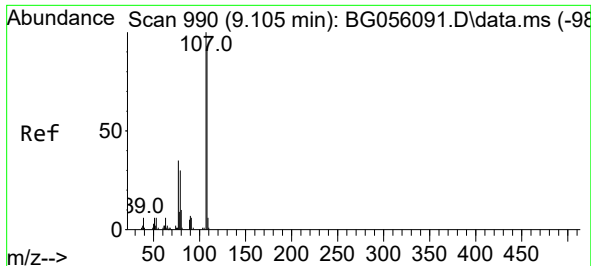
Tgt Ion:105 Resp: 158827
 Ion Ratio Lower Upper
 105 100
 77 76.7 59.0 88.4
 51 11.4 9.6 14.4



#17
 N-Nitroso-di-n-propylamine
 Concen: 40.191 ng/ul
 RT: 9.155 min Scan# 998
 Delta R.T. 0.008 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26

Tgt Ion: 70 Resp: 68140
 Ion Ratio Lower Upper
 70 100
 42 22.4 16.1 24.1
 101 11.5 8.4 12.6
 130 25.9 16.8 25.2#

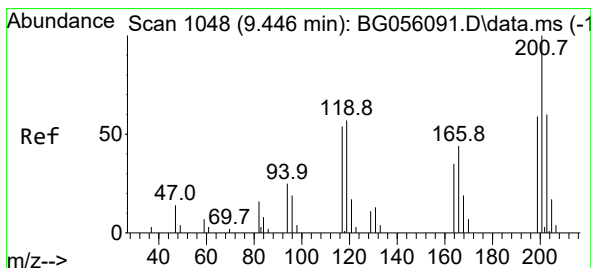
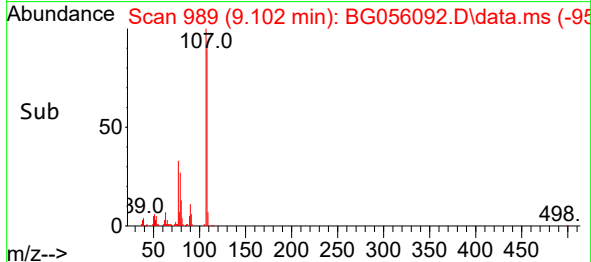
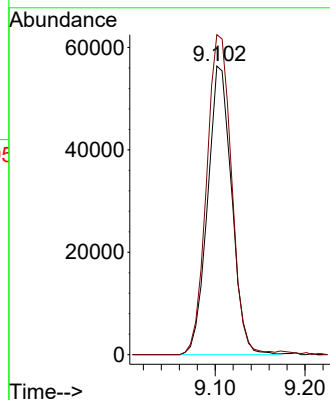
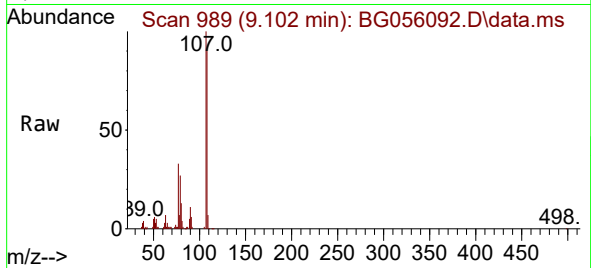




#18
4-Methylphenol
Concen: 40.403 ng/ul
RT: 9.102 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

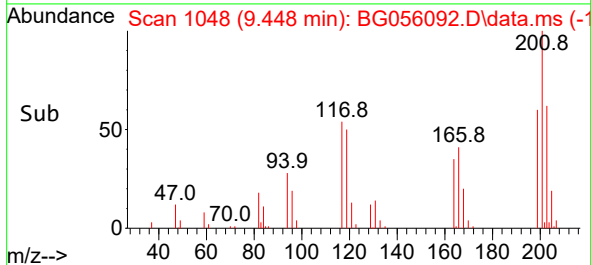
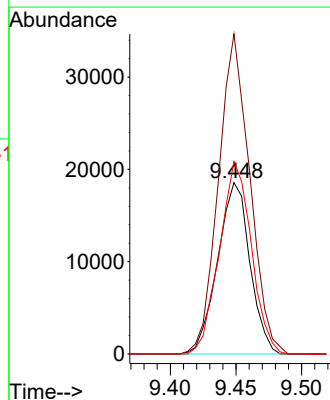
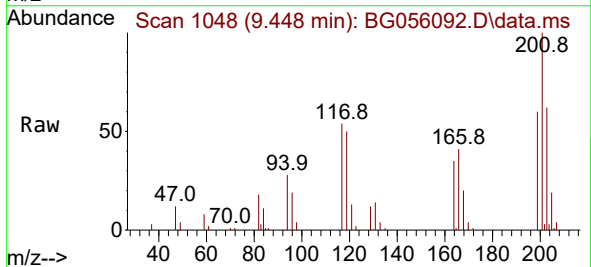
Instrument :
BNA_G
ClientSampleId :

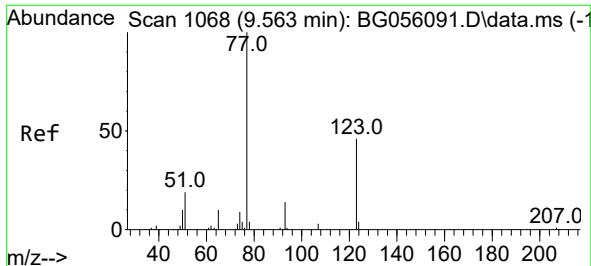
Tgt Ion:108 Resp: 105191
Ion Ratio Lower Upper
108 100
107 110.9 86.2 129.2



#19
Hexachloroethane
Concen: 41.250 ng/ul
RT: 9.448 min Scan# 1048
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:117 Resp: 31669
Ion Ratio Lower Upper
117 100
201 186.8 149.0 223.4
199 112.4 87.7 131.5

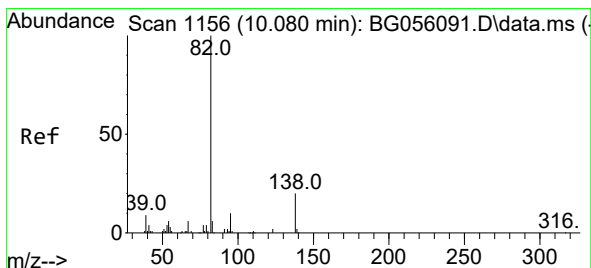
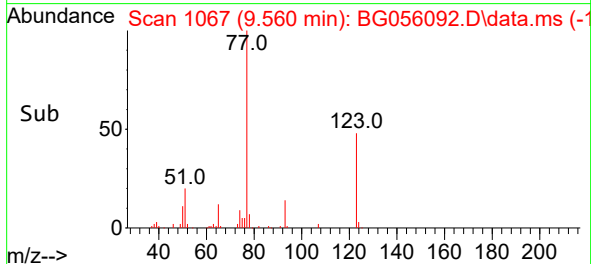
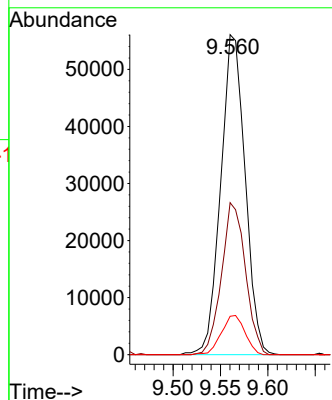
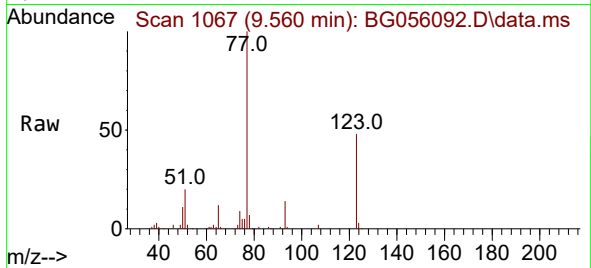




#22
Nitrobenzene
Concen: 41.533 ng/ul
RT: 9.560 min Scan# 1067
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

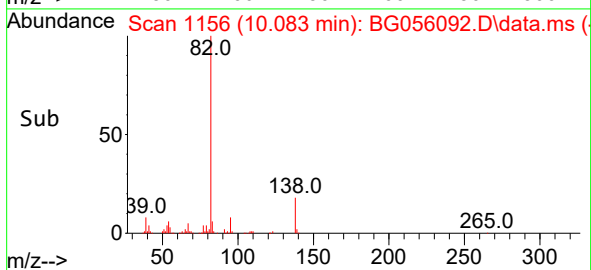
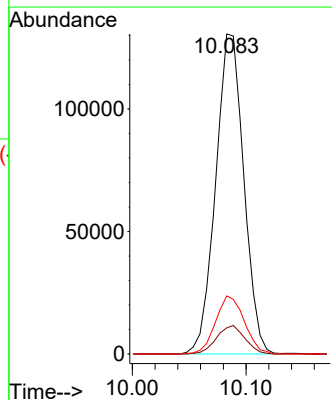
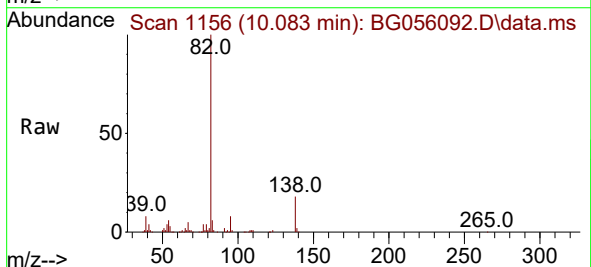
Instrument :
BNA_G
ClientSampleId :

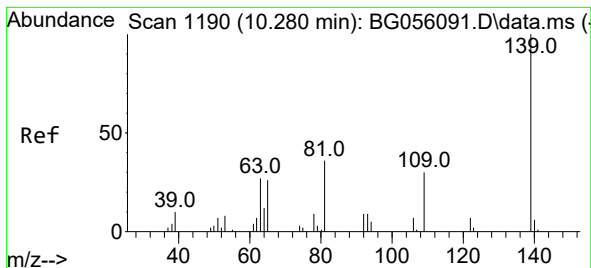
Tgt Ion: 77 Resp: 100575
Ion Ratio Lower Upper
77 100
123 47.5 36.0 54.0
65 12.0 7.6 11.4#



#23
Isophorone
Concen: 40.597 ng/ul
RT: 10.083 min Scan# 1156
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

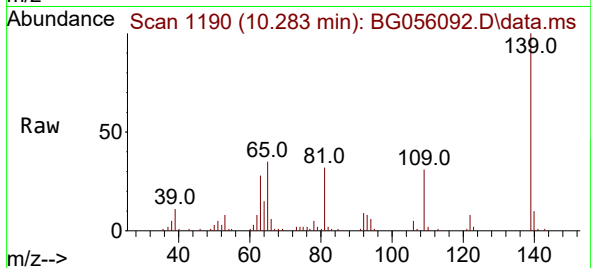
Tgt Ion: 82 Resp: 224772
Ion Ratio Lower Upper
82 100
95 8.2 7.9 11.9
138 18.1 15.8 23.6



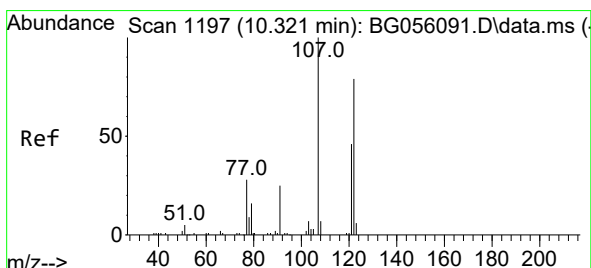
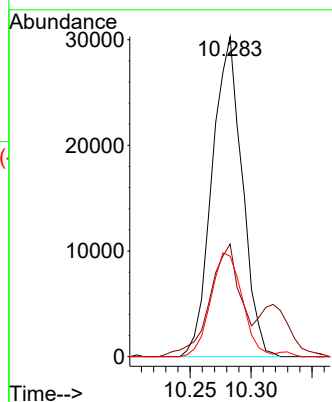
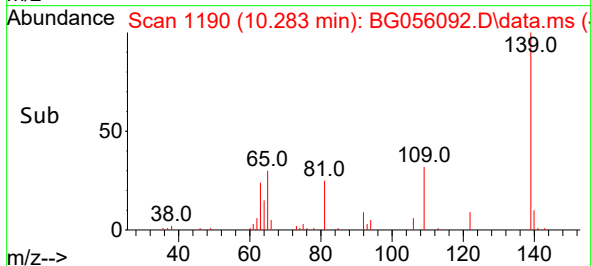


#25
2-Nitrophenol
Concen: 42.363 ng/ul
RT: 10.283 min Scan# 1190
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

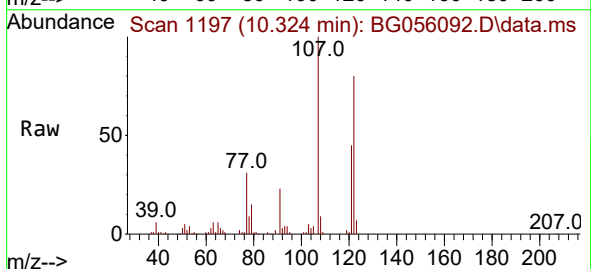
Instrument :
BNA_G
ClientSampleId :



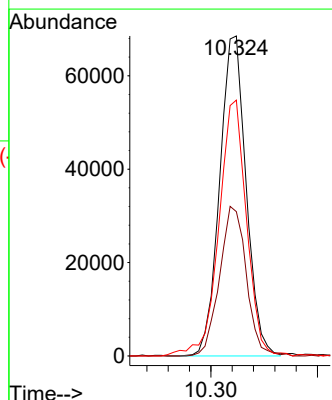
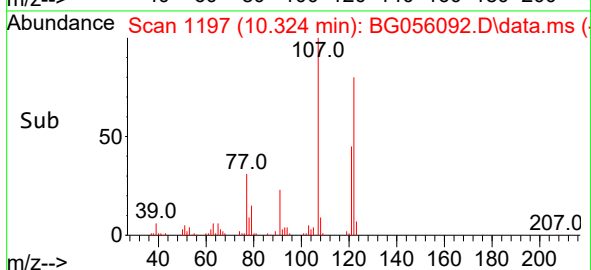
Tgt Ion:139 Resp: 52141
Ion Ratio Lower Upper
139 100
65 35.2 23.2 34.8#
109 31.4 23.8 35.8

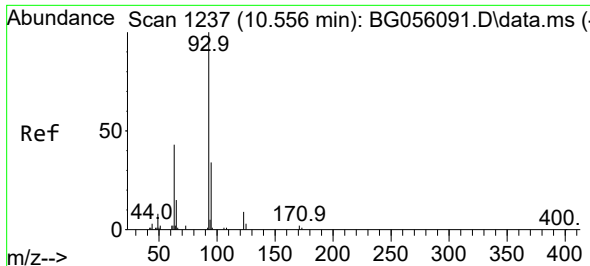


#26
2,4-Dimethylphenol
Concen: 40.594 ng/ul
RT: 10.324 min Scan# 1197
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26



Tgt Ion:107 Resp: 118226
Ion Ratio Lower Upper
107 100
121 45.1 36.5 54.7
122 80.0 64.4 96.6

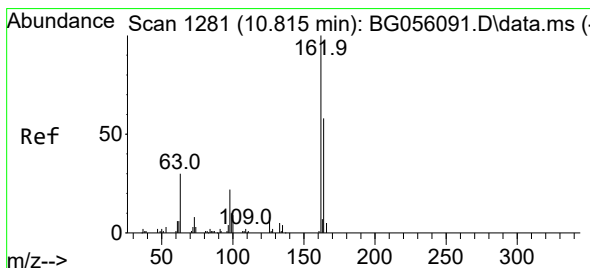
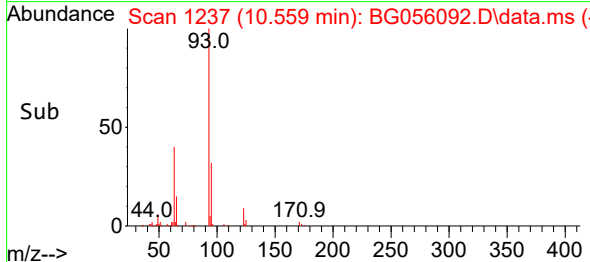
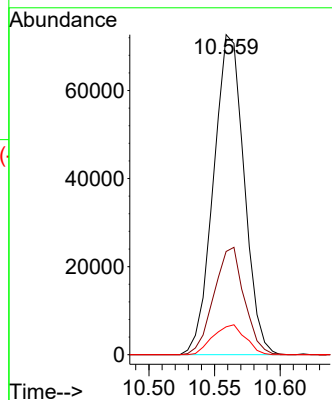
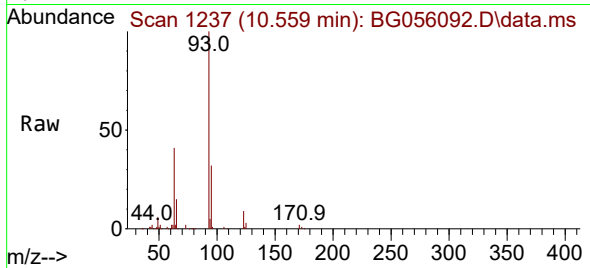




#27
 Bis(2-Chloroethoxy)methane
 Concen: 41.086 ng/ul
 RT: 10.559 min Scan# 117889
 Delta R.T. 0.003 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26

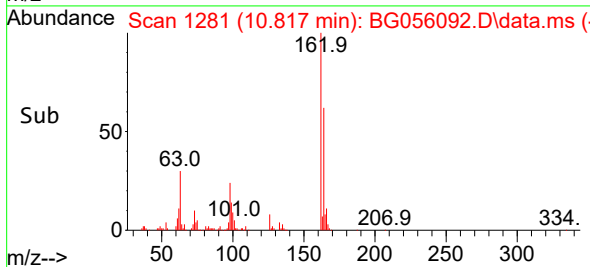
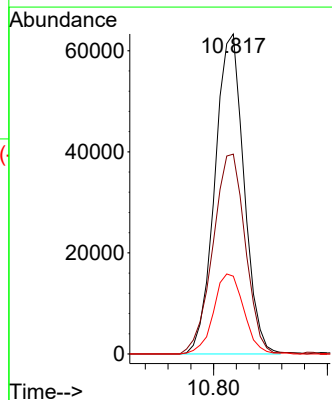
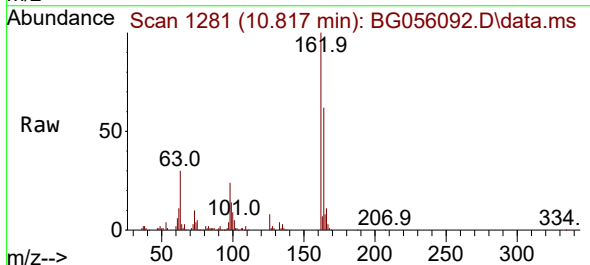
Instrument :
 BNA_G
 ClientSampleId :

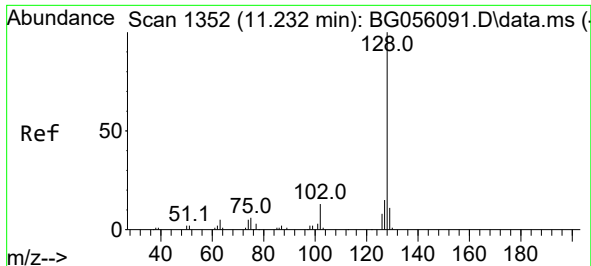
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.8	40.2
123	8.7	7.4	11.0



#29
 2,4-Dichlorophenol
 Concen: 41.598 ng/ul
 RT: 10.817 min Scan# 1281
 Delta R.T. 0.003 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.4	47.3	70.9
98	24.3	17.8	26.8

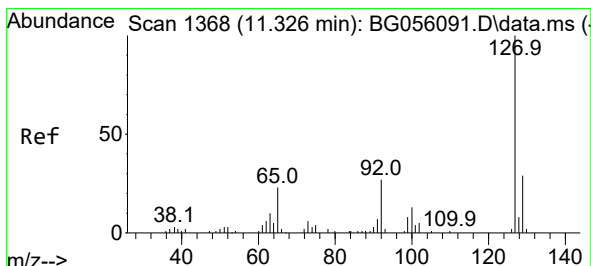
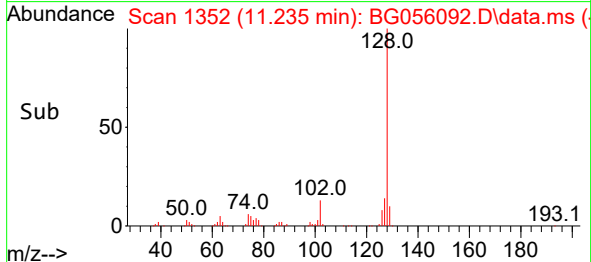
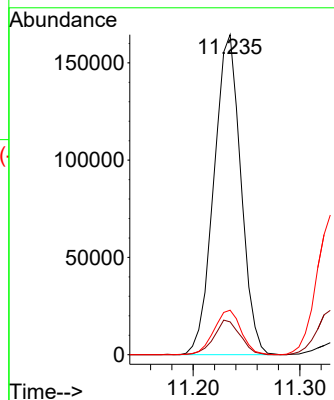
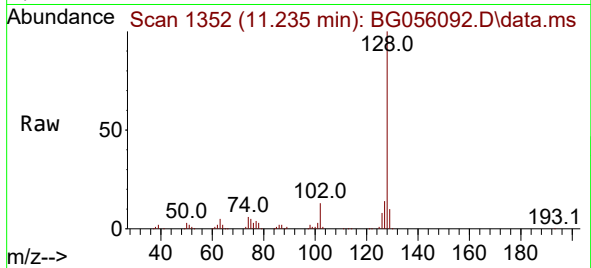




#30
Naphthalene
Concen: 41.285 ng/ul
RT: 11.235 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

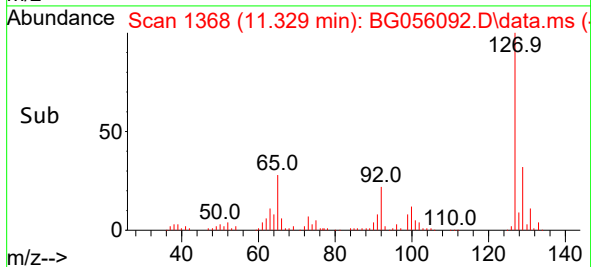
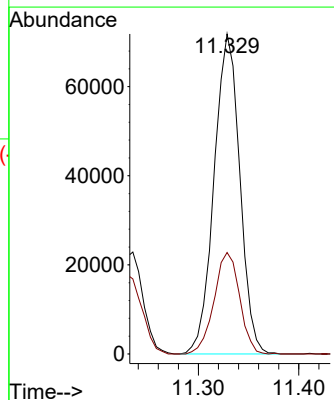
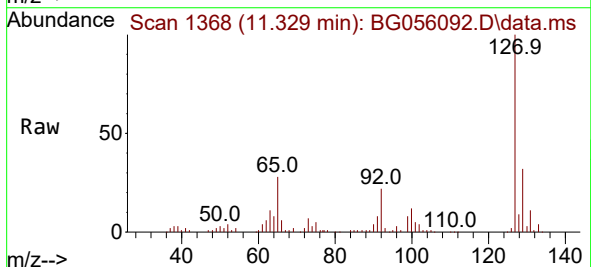
Instrument :
BNA_G
ClientSampleId :

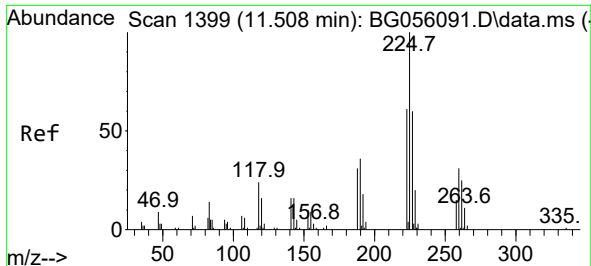
Tgt Ion:128 Resp: 288230
Ion Ratio Lower Upper
128 100
129 10.2 8.4 12.6
127 13.9 11.6 17.4



#32
4-Chloroaniline
Concen: 39.581 ng/ul
RT: 11.329 min Scan# 1368
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:127 Resp: 127823
Ion Ratio Lower Upper
127 100
129 31.7 23.4 35.0

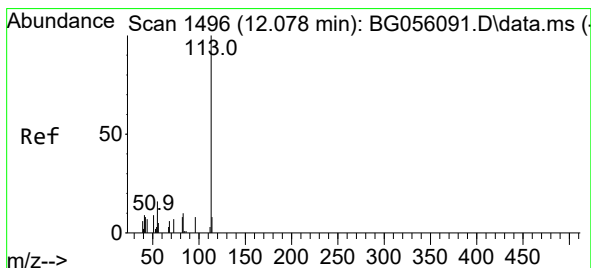
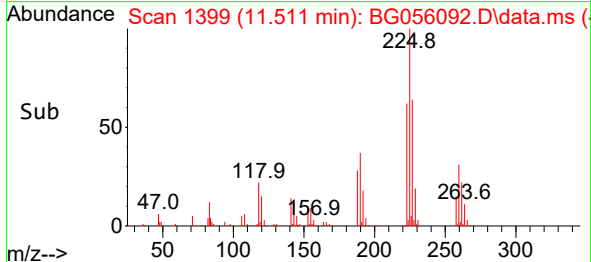
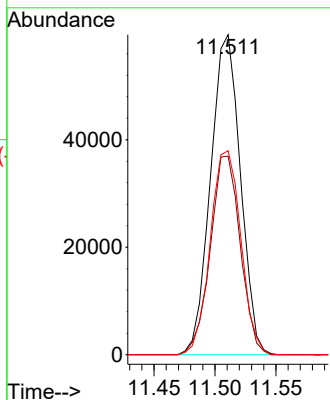
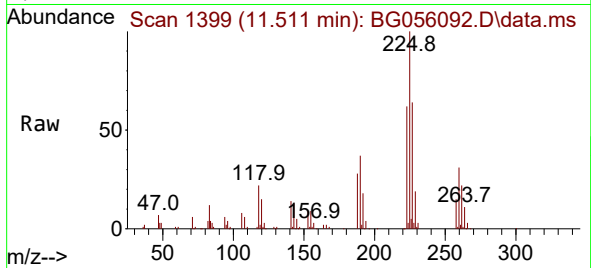




#33
Hexachlorobutadiene
Concen: 40.097 ng/ul
RT: 11.511 min Scan# 1399
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

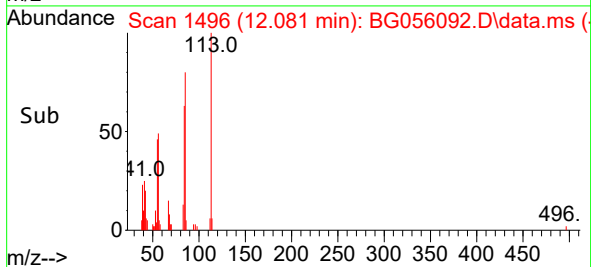
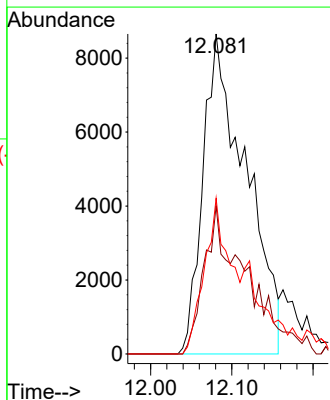
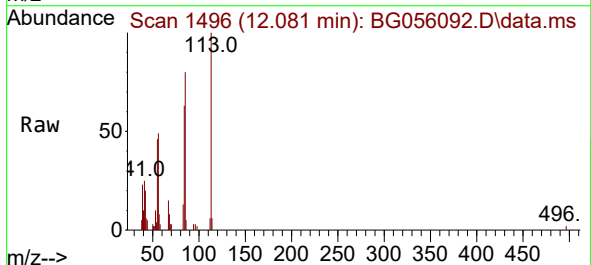
Instrument :
BNA_G
ClientSampleId :

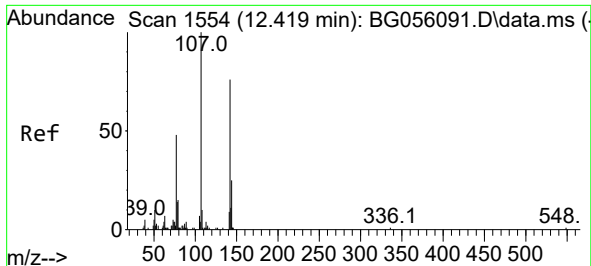
Tgt Ion:225 Resp: 101686
Ion Ratio Lower Upper
225 100
223 65.5 51.2 76.8
227 63.7 50.5 75.7



#34
Caprolactam
Concen: 38.734 ng/ul
RT: 12.081 min Scan# 1496
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:113 Resp: 31701
Ion Ratio Lower Upper
113 100
55 46.3 28.0 42.0#
56 48.7 27.7 41.5#

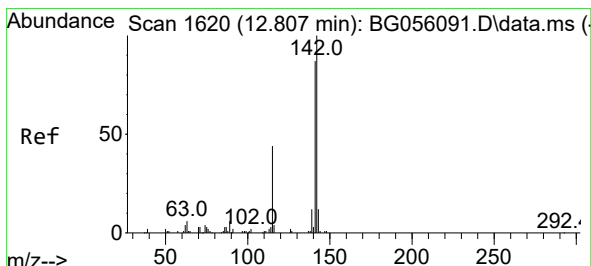
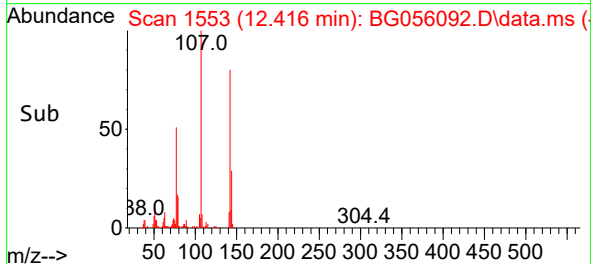
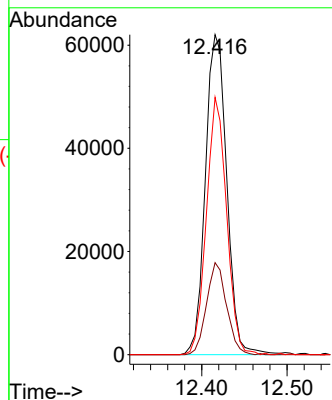
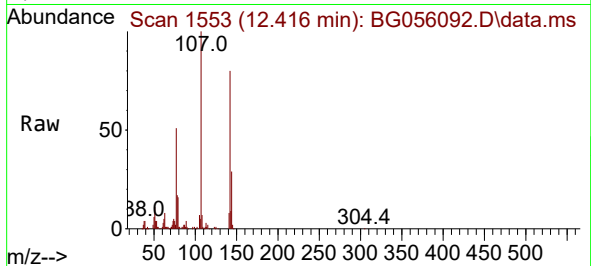




#35
4-Chloro-3-methylphenol
Concen: 41.593 ng/ul
RT: 12.416 min Scan# 1553
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

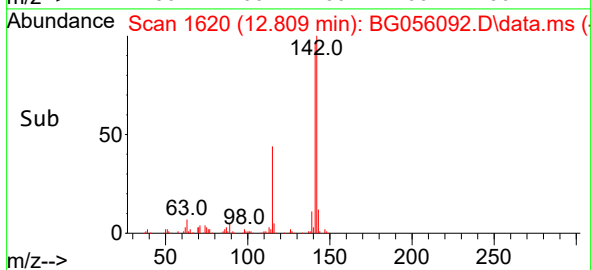
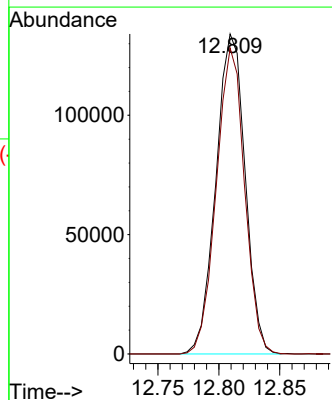
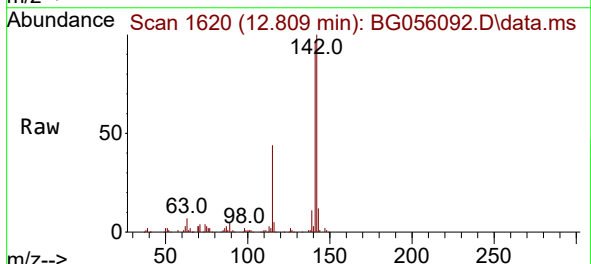
Instrument :
BNA_G
ClientSampleId :

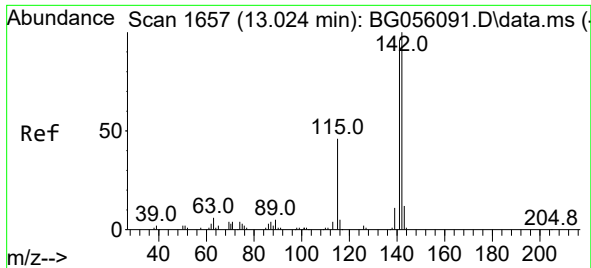
Tgt Ion:107 Resp: 108134
Ion Ratio Lower Upper
107 100
144 28.7 20.0 30.0
142 80.4 60.7 91.1



#36
2-Methylnaphthalene
Concen: 39.915 ng/ul
RT: 12.809 min Scan# 1620
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:142 Resp: 223418
Ion Ratio Lower Upper
142 100
141 95.6 69.8 104.6

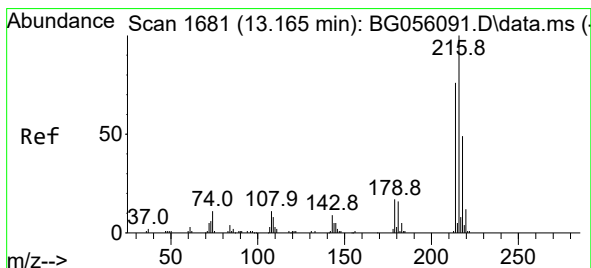
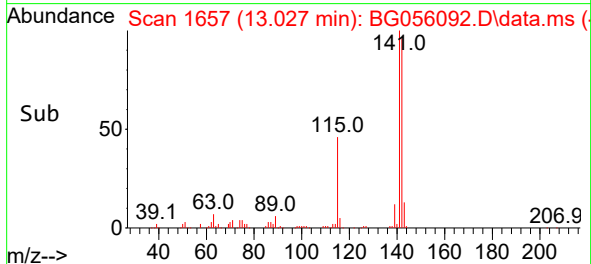
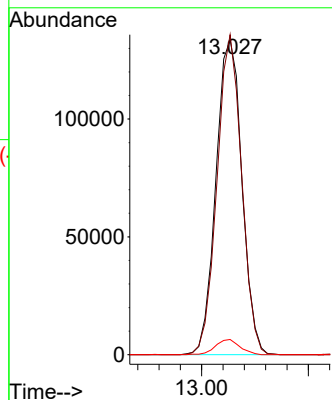
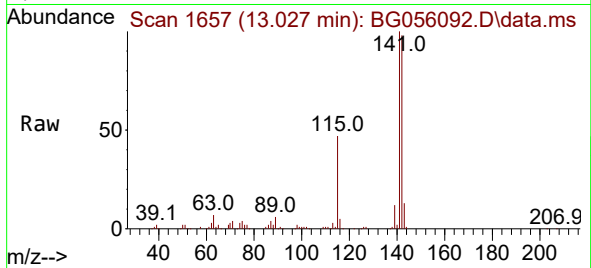




#37
1-Methylnaphthalene
Concen: 40.021 ng/ul
RT: 13.027 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

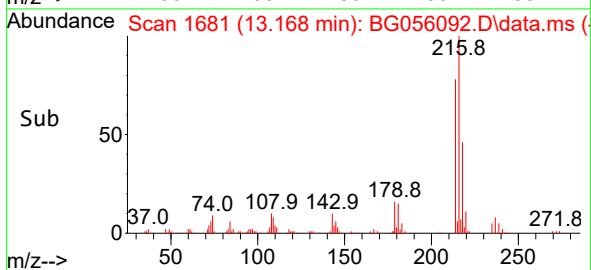
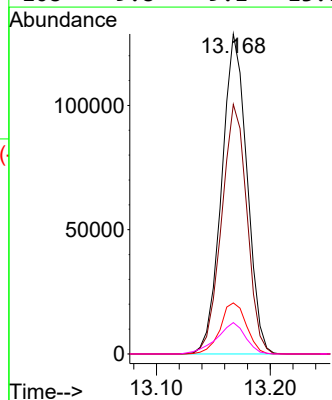
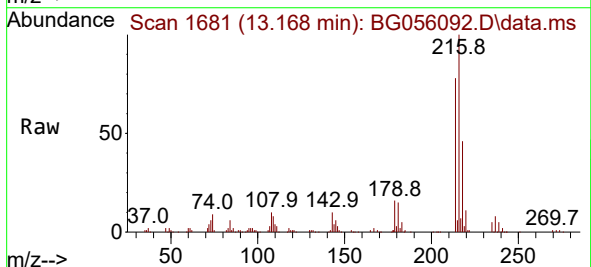
Instrument :
BNA_G
ClientSampleId :

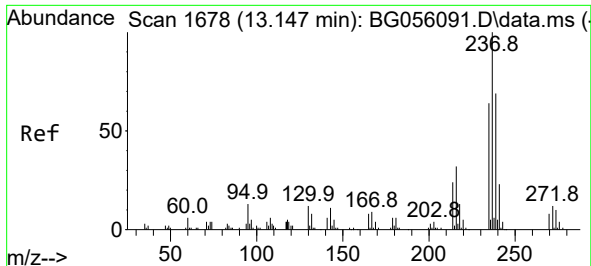
Tgt Ion:142 Resp: 225665
Ion Ratio Lower Upper
142 100
141 101.6 76.7 115.1
116 4.9 3.8 5.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.200 ng/ul
RT: 13.168 min Scan# 1681
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

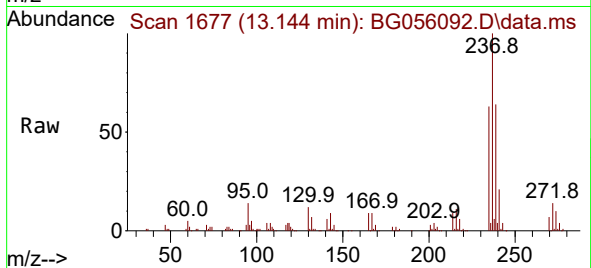
Tgt Ion:216 Resp: 199054
Ion Ratio Lower Upper
216 100
214 78.0 61.0 91.4
179 16.0 13.4 20.0
108 9.8 9.1 13.7



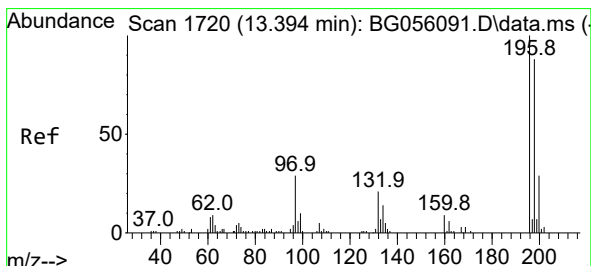
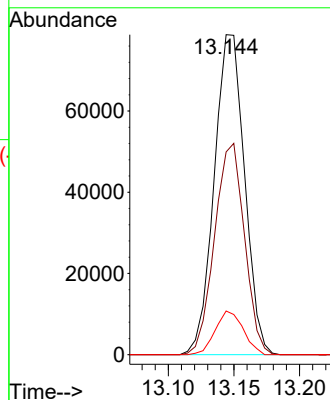
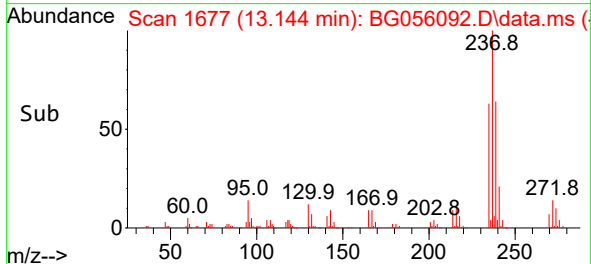


#40
 Hexachlorocyclopentadiene
 Concen: 39.593 ng/ul
 RT: 13.144 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26

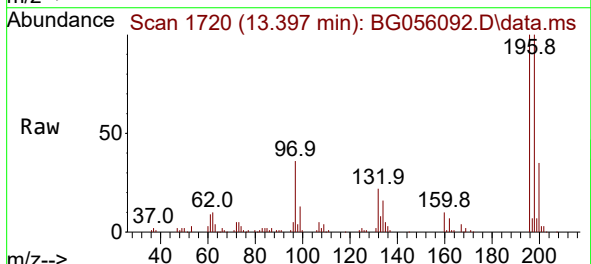
Instrument :
 BNA_G
 ClientSampleId :



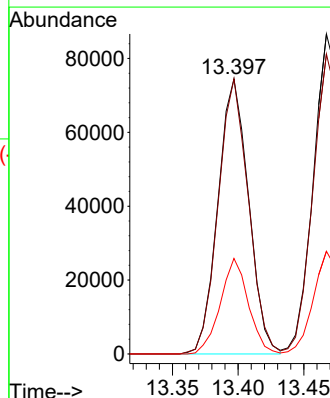
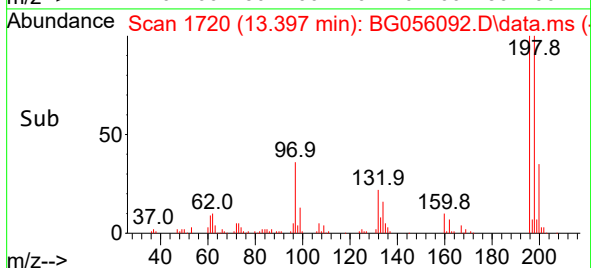
Tgt Ion:237 Resp: 127114
 Ion Ratio Lower Upper
 237 100
 235 63.4 52.0 78.0
 272 14.4 9.9 14.9

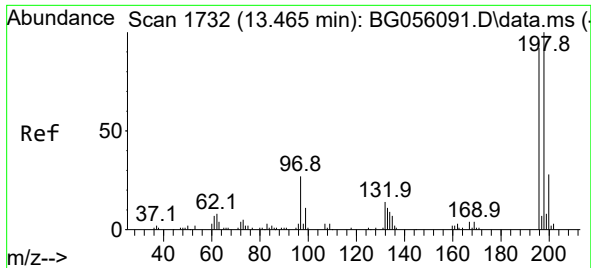


#41
 2,4,6-Trichlorophenol
 Concen: 41.425 ng/ul
 RT: 13.397 min Scan# 1720
 Delta R.T. 0.003 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26



Tgt Ion:196 Resp: 120896
 Ion Ratio Lower Upper
 196 100
 198 100.0 70.2 105.4
 200 34.7 23.4 35.2

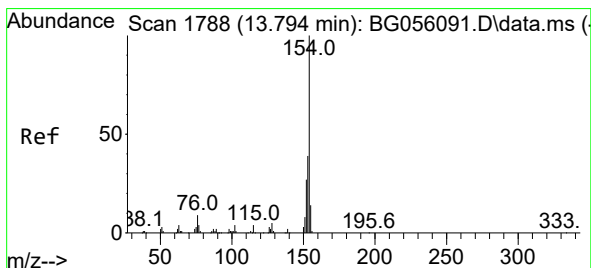
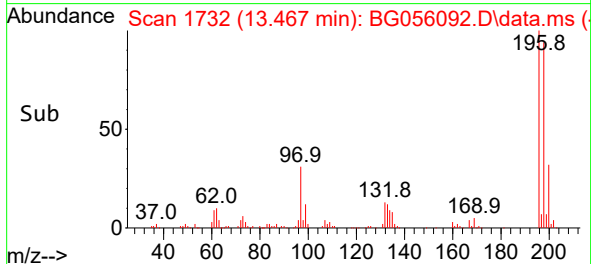
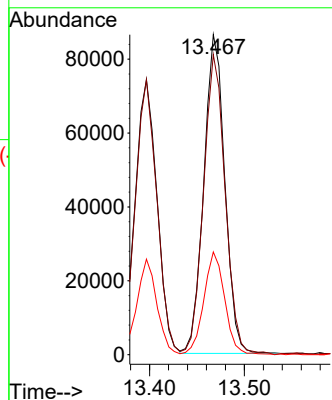
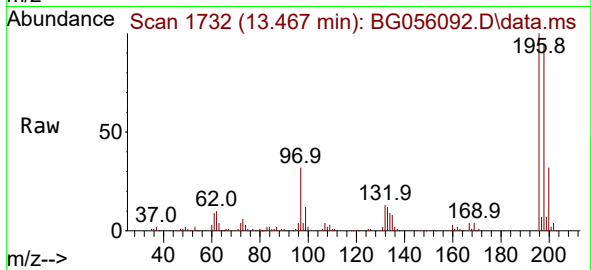




#42
2,4,5-Trichlorophenol
Concen: 42.069 ng/ul
RT: 13.467 min Scan# 1732
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

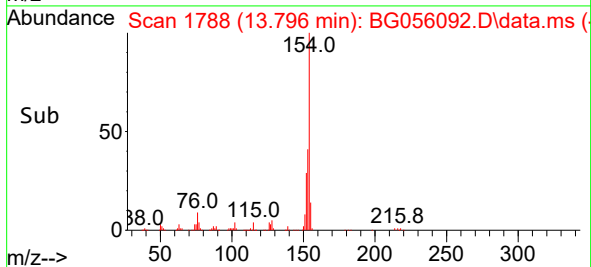
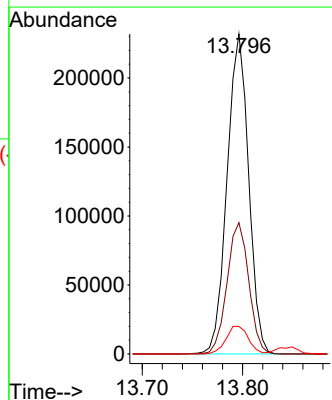
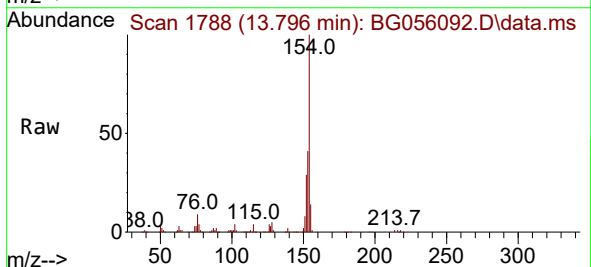
Instrument :
BNA_G
ClientSampleId :

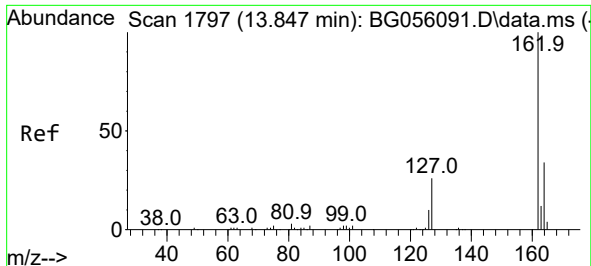
Tgt Ion:196 Resp: 133120
Ion Ratio Lower Upper
196 100
198 93.8 87.4 131.2
200 32.1 25.0 37.6



#43
1,1'-Biphenyl
Concen: 40.650 ng/ul
RT: 13.796 min Scan# 1788
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

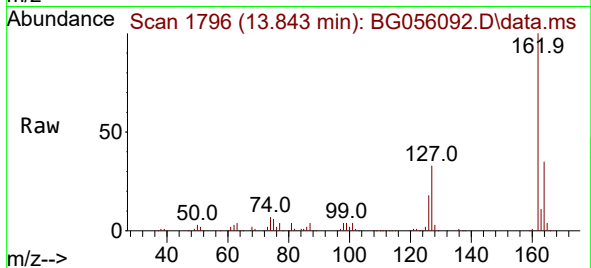
Tgt Ion:154 Resp: 345038
Ion Ratio Lower Upper
154 100
153 41.1 31.3 46.9
76 8.6 7.4 11.0



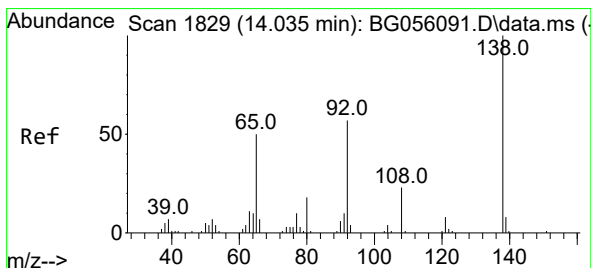
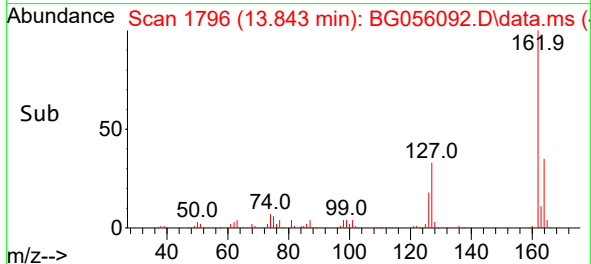
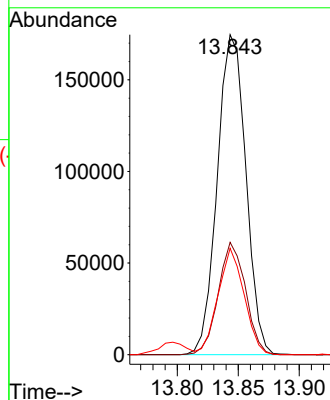


#44
2-Chloronaphthalene
Concen: 40.577 ng/ul
RT: 13.843 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Instrument :
BNA_G
ClientSampleId :

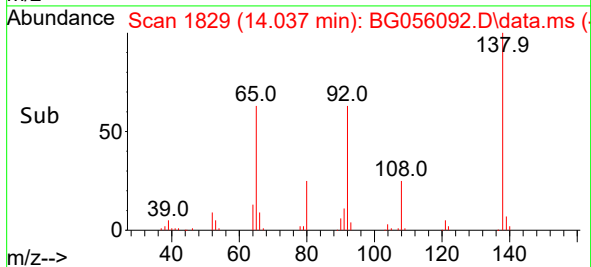
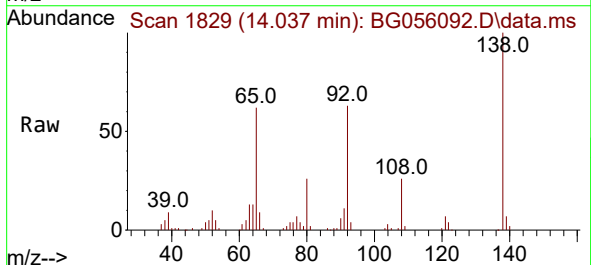
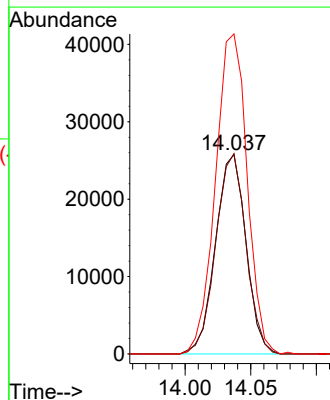


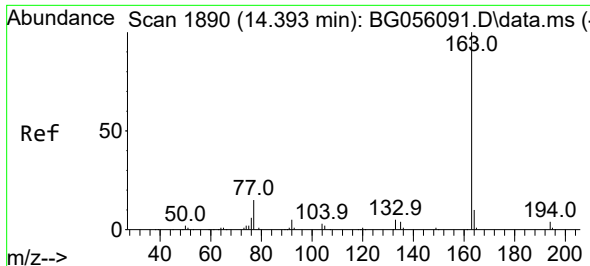
Tgt Ion:162 Resp: 285476
Ion Ratio Lower Upper
162 100
164 35.1 27.0 40.4
127 33.2 23.4 35.2



#45
2-Nitroaniline
Concen: 42.624 ng/ul
RT: 14.037 min Scan# 1829
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion: 65 Resp: 41643
Ion Ratio Lower Upper
65 100
92 100.4 92.6 138.8
138 160.4 162.2 243.4#

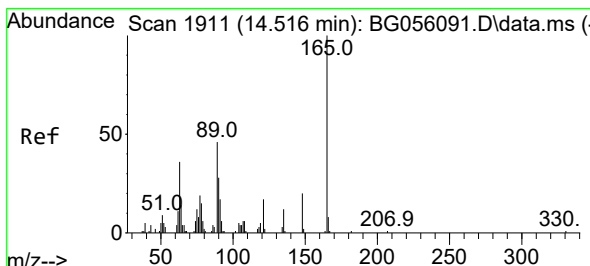
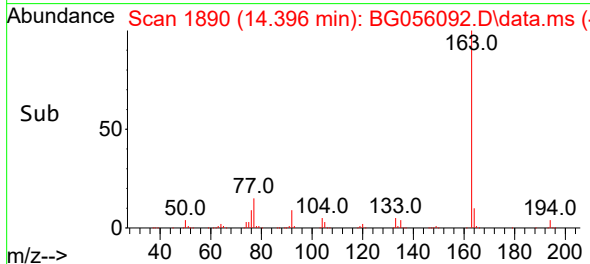
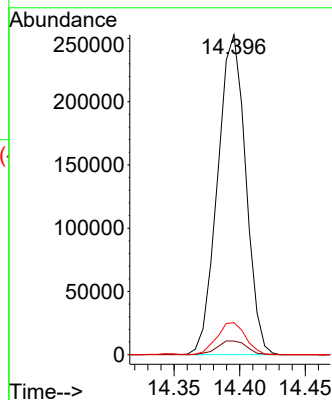
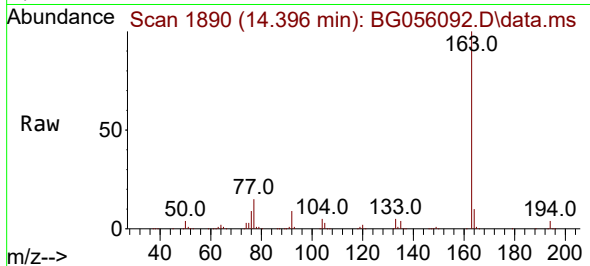




#47
Dimethylphthalate
Concen: 40.943 ng/ul
RT: 14.396 min Scan# 1890
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

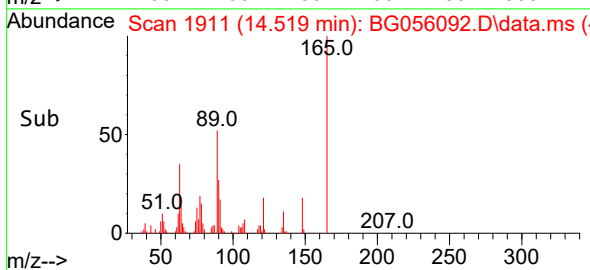
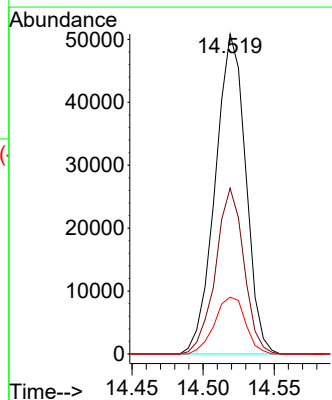
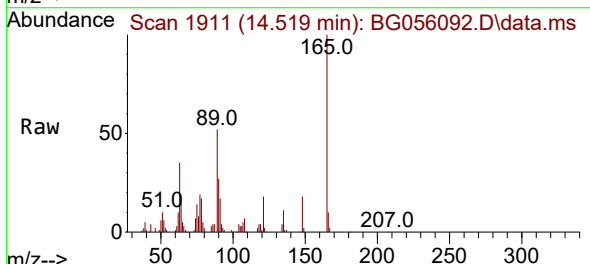
Instrument :
BNA_G
ClientSampleId :

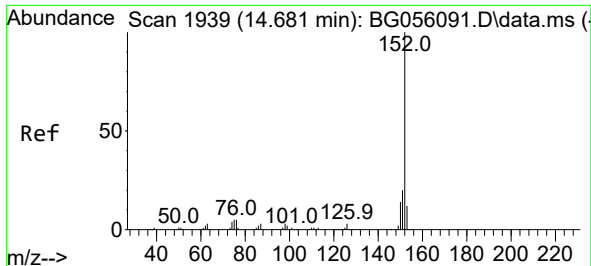
Tgt Ion:163 Resp: 377268
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.0 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 41.615 ng/ul
RT: 14.519 min Scan# 1911
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:165 Resp: 75688
Ion Ratio Lower Upper
165 100
89 51.8 37.0 55.6
121 17.8 13.6 20.4

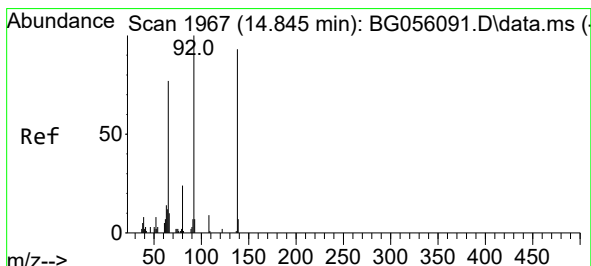
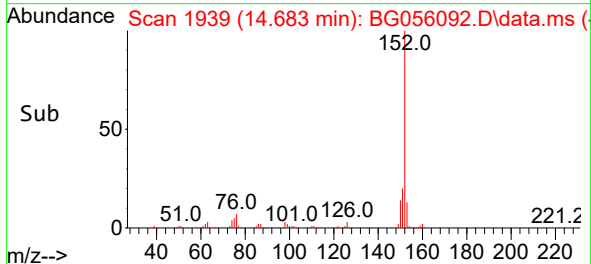
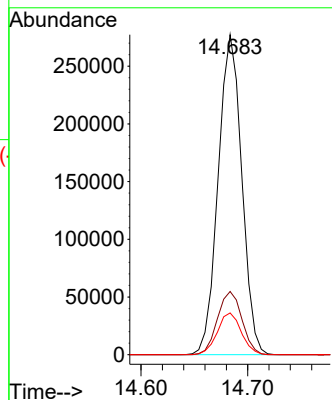
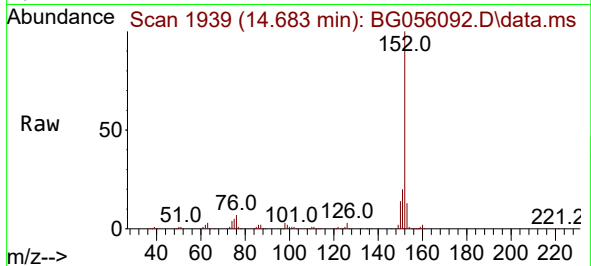




#50
Acenaphthylene
Concen: 40.842 ng/ul
RT: 14.683 min Scan# 1939
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

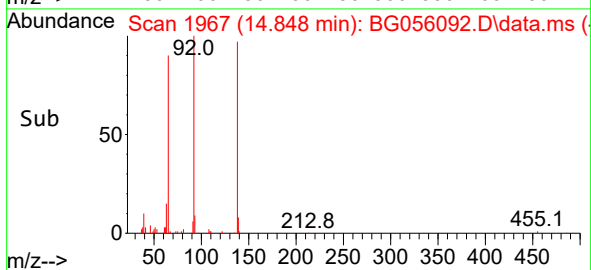
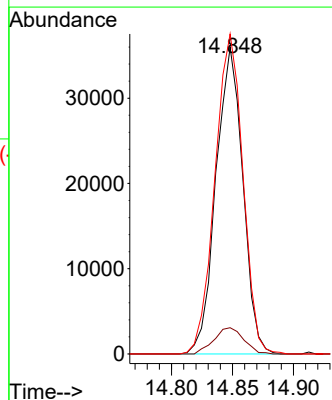
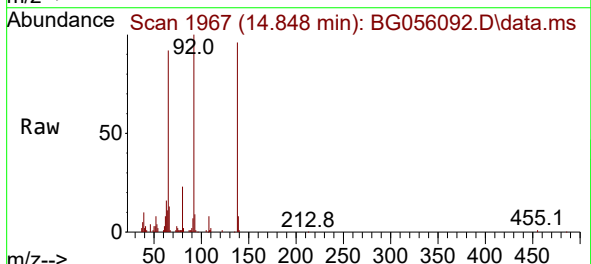
Instrument :
BNA_G
ClientSampleId :

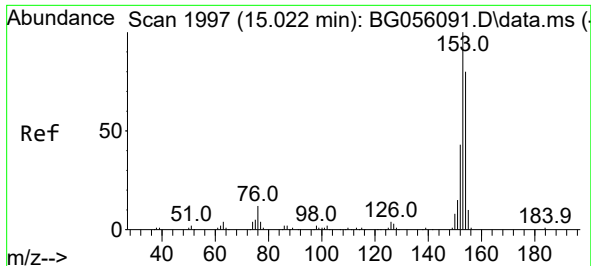
Tgt Ion:152 Resp: 425936
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.1 9.7 14.5



#51
3-Nitroaniline
Concen: 40.417 ng/ul
RT: 14.848 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:138 Resp: 55216
Ion Ratio Lower Upper
138 100
108 8.6 8.0 12.0
92 104.3 86.3 129.5

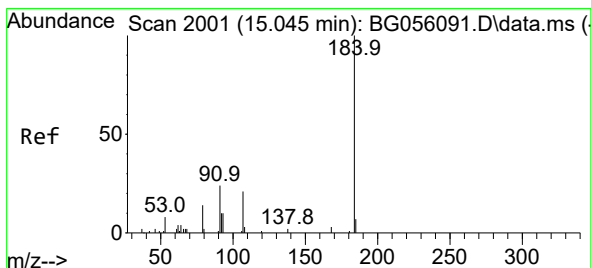
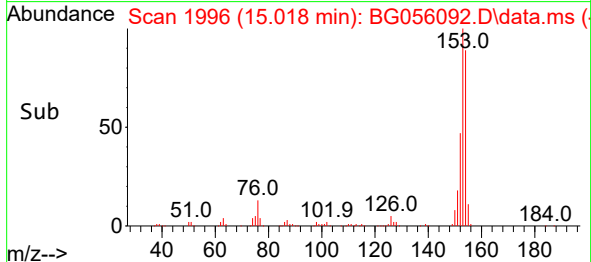
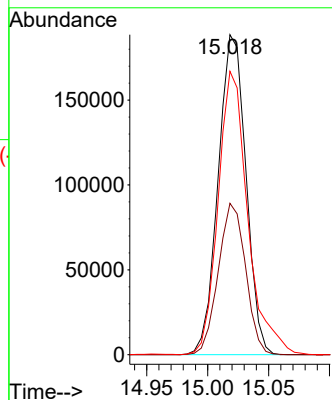
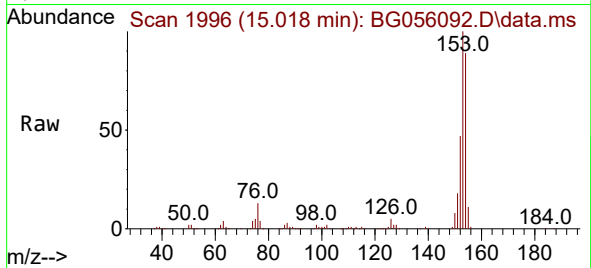




#52
Acenaphthene
Concen: 40.809 ng/ul
RT: 15.018 min Scan# 1997
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

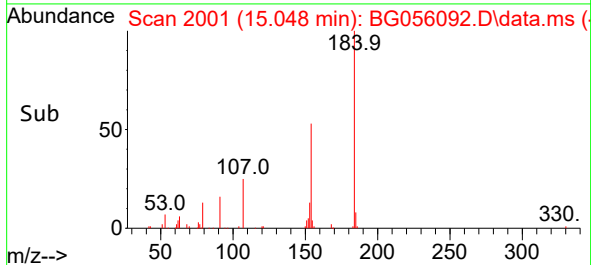
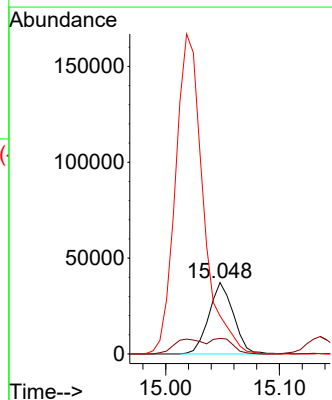
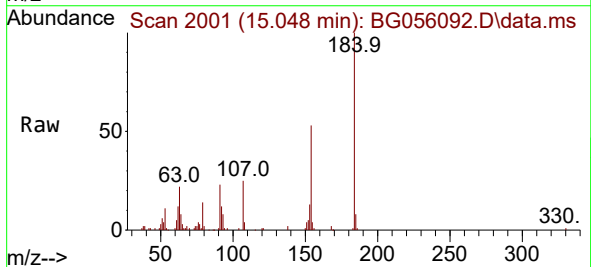
Instrument :
BNA_G
ClientSampleId :

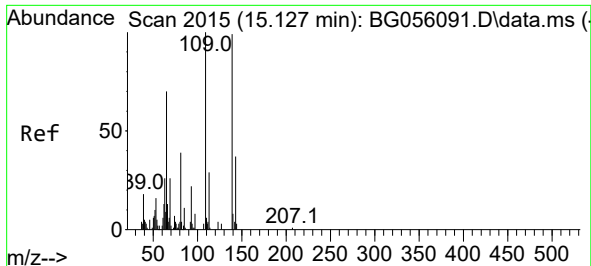
Tgt Ion:153 Resp: 298973
Ion Ratio Lower Upper
153 100
152 47.3 34.5 51.7
154 88.5 63.9 95.9



#53
2,4-Dinitrophenol
Concen: 39.553 ng/ul
RT: 15.048 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:184 Resp: 55993
Ion Ratio Lower Upper
184 100
63 21.7 16.8 25.2
154 53.2 47.1 70.7

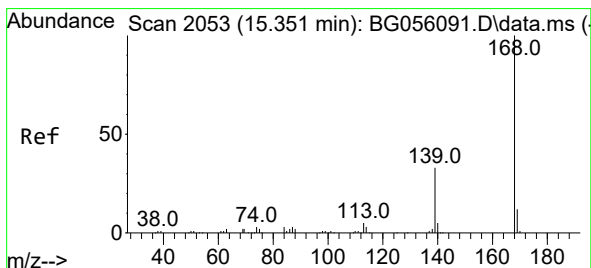
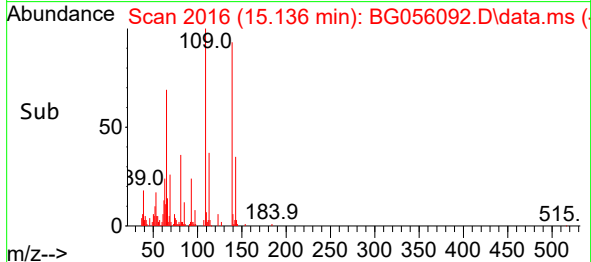
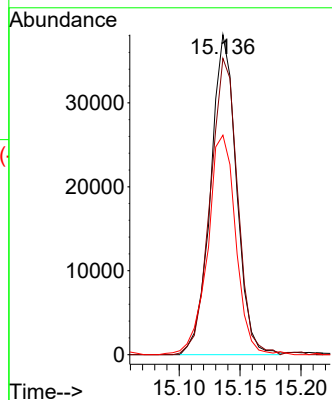
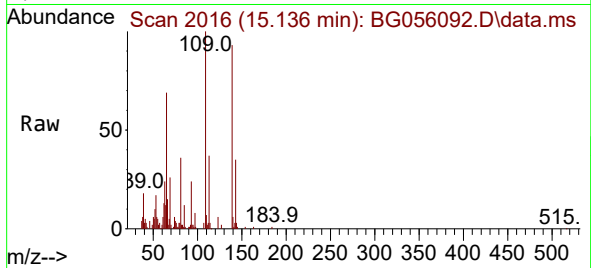




#55
4-Nitrophenol
Concen: 41.369 ng/ul
RT: 15.136 min Scan# 2015
Delta R.T. 0.008 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

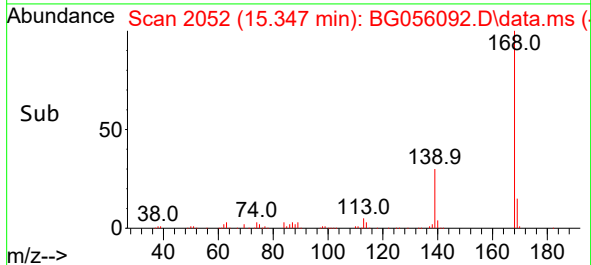
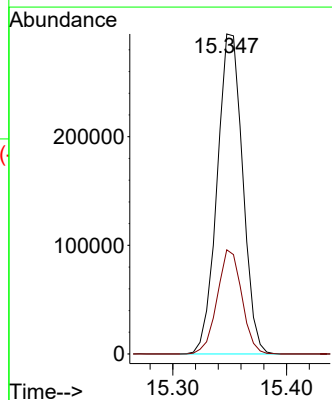
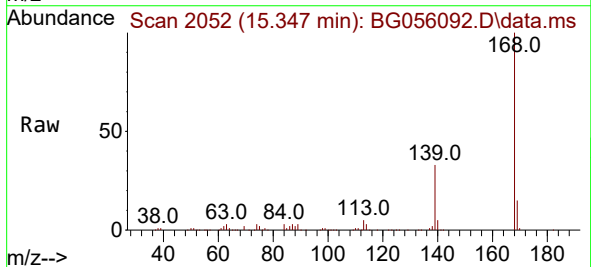
Instrument :
BNA_G
ClientSampleId :

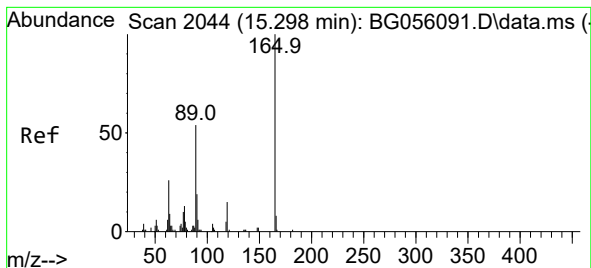
Tgt Ion:109 Resp: 56296
Ion Ratio Lower Upper
109 100
139 92.6 79.5 119.3
65 68.6 56.7 85.1



#56
Dibenzofuran
Concen: 40.111 ng/ul
RT: 15.347 min Scan# 2052
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:168 Resp: 459966
Ion Ratio Lower Upper
168 100
139 32.5 26.3 39.5





#57

2,4-Dinitrotoluene

Concen: 41.171 ng/ul

RT: 15.300 min Scan# 2044

Delta R.T. 0.003 min

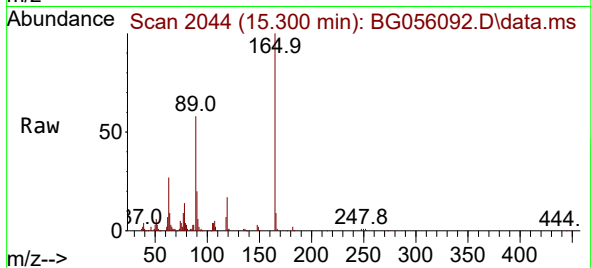
Lab File: BG056092.D

Acq: 24 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :



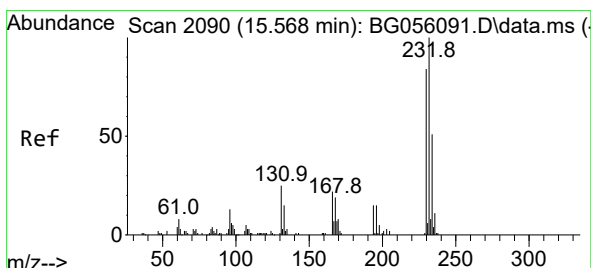
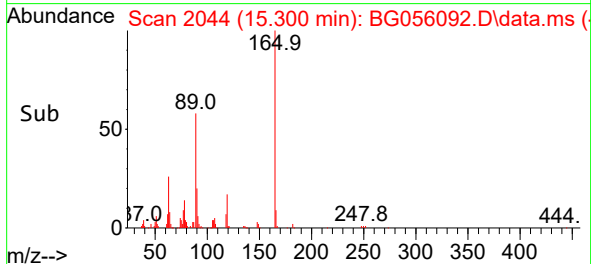
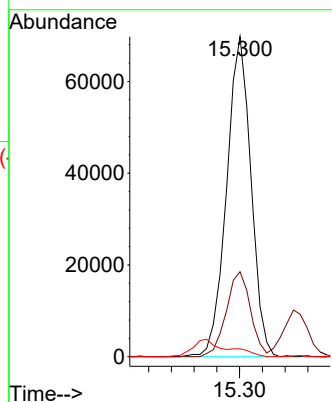
Tgt Ion:165 Resp: 103839

Ion Ratio Lower Upper

165 100

63 26.6 20.9 31.3

182 2.5 1.8 2.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.284 ng/ul

RT: 15.565 min Scan# 2089

Delta R.T. -0.003 min

Lab File: BG056092.D

Acq: 24 Dec 2022 16:26

Tgt Ion:232 Resp: 129131

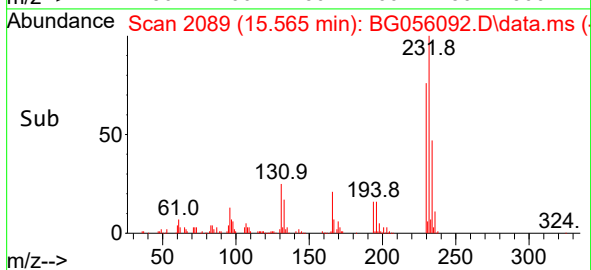
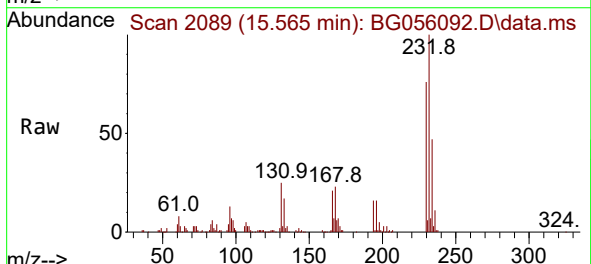
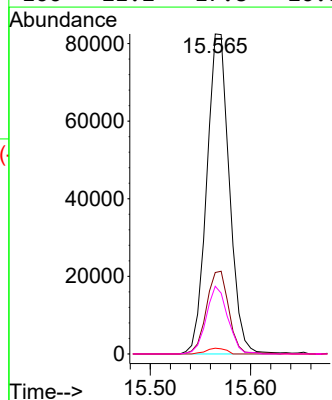
Ion Ratio Lower Upper

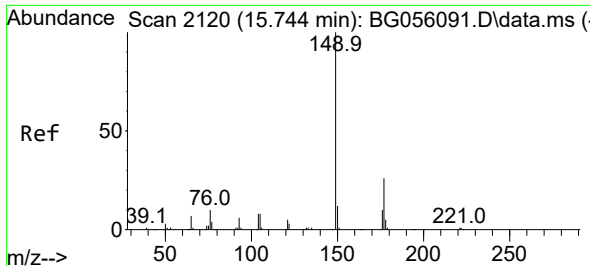
232 100

131 25.5 20.2 30.4

130 1.8 1.0 1.6#

166 21.2 17.8 26.8

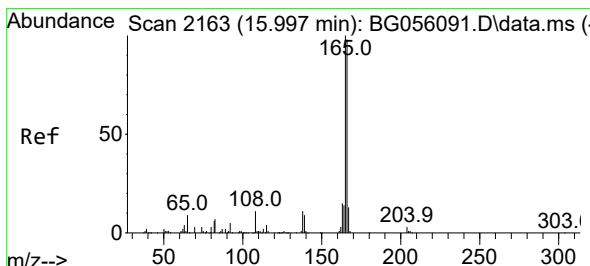
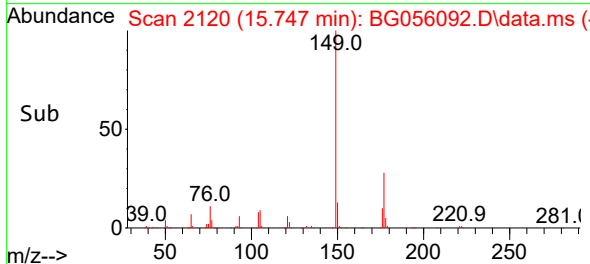
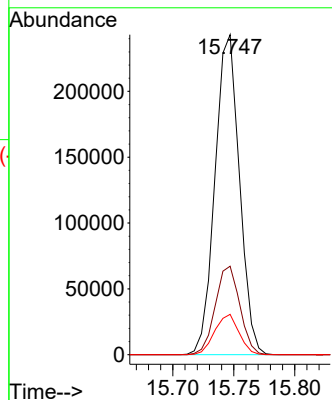
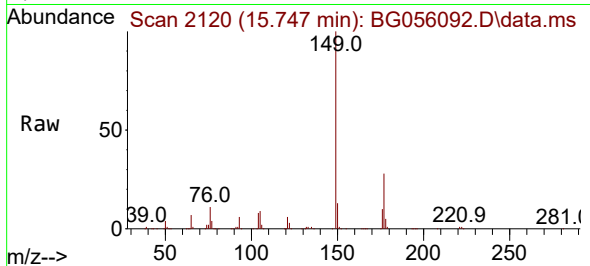




#59
Diethylphthalate
Concen: 41.261 ng/ul
RT: 15.747 min Scan# 2120
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

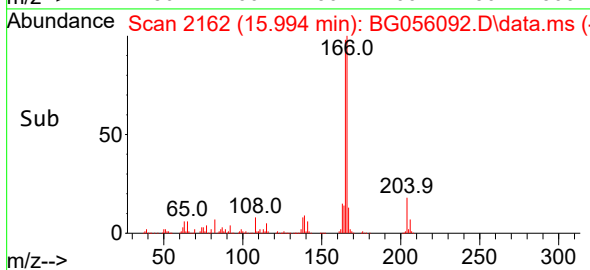
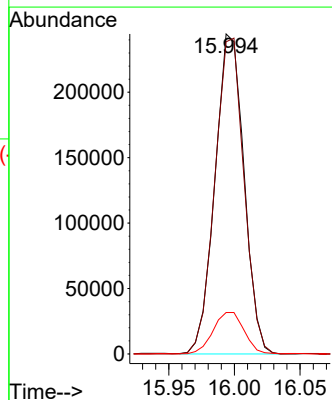
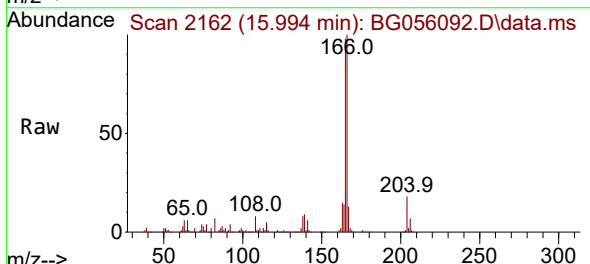
Instrument :
BNA_G
ClientSampleId :

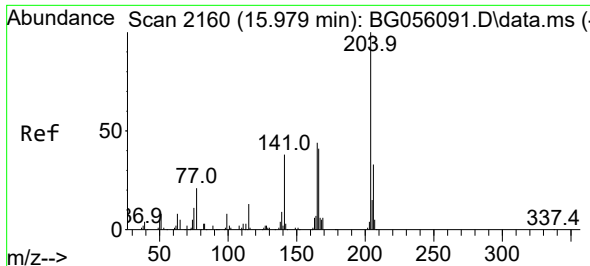
Tgt Ion:149 Resp: 339667
Ion Ratio Lower Upper
149 100
177 27.7 20.5 30.7
150 12.6 9.8 14.8



#61
Fluorene
Concen: 39.898 ng/ul
RT: 15.994 min Scan# 2162
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:166 Resp: 375828
Ion Ratio Lower Upper
166 100
165 97.6 81.8 122.8
167 12.9 10.9 16.3

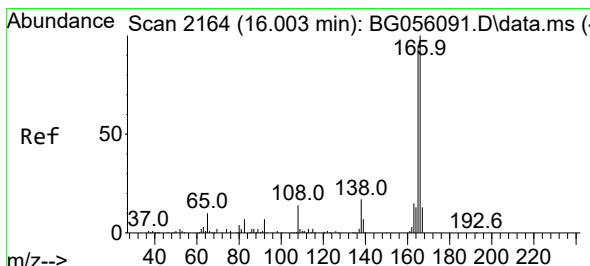
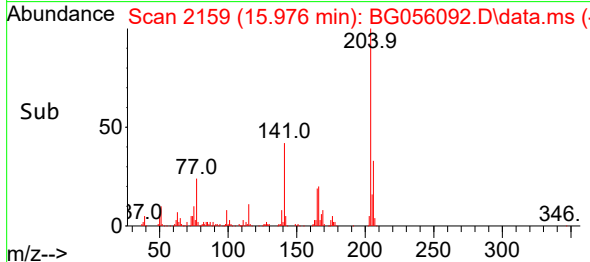
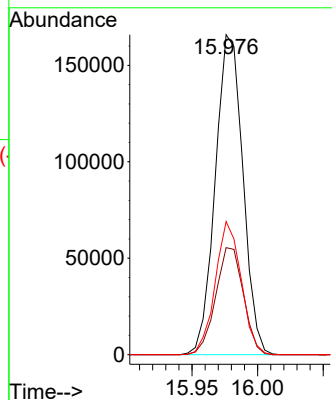
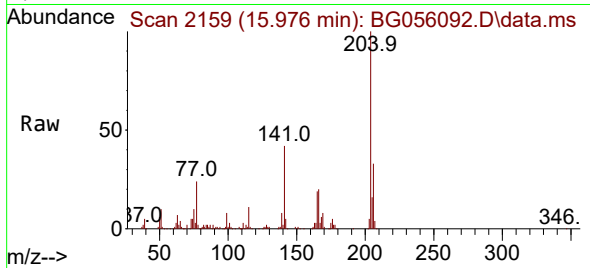




#62
4-Chlorophenyl-phenylether
Concen: 39.643 ng/ul
RT: 15.976 min Scan# 2159
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

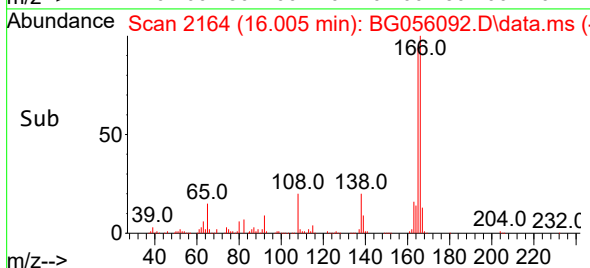
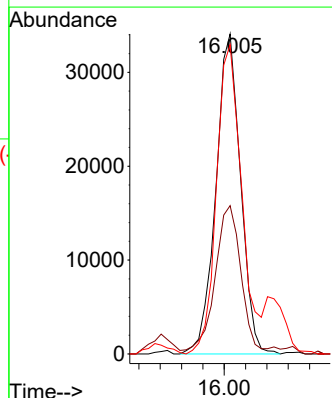
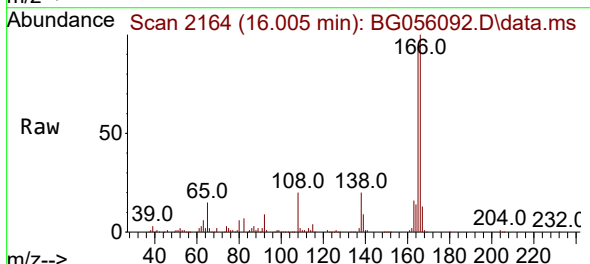
Instrument :
BNA_G
ClientSampleId :

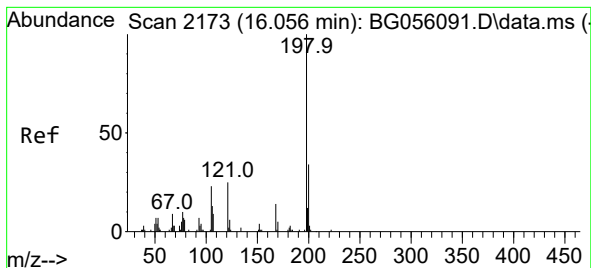
Tgt Ion:204 Resp: 242599
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 41.6 30.5 45.7



#63
4-Nitroaniline
Concen: 41.982 ng/ul
RT: 16.005 min Scan# 2164
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:138 Resp: 54728
Ion Ratio Lower Upper
138 100
92 46.3 32.6 49.0
108 96.7 66.3 99.5

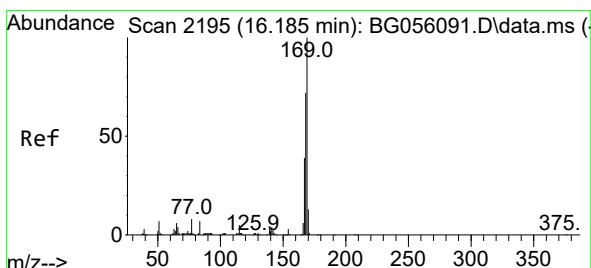
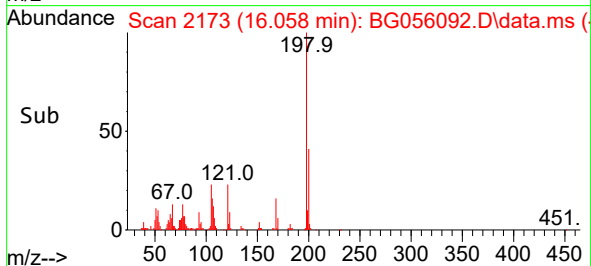
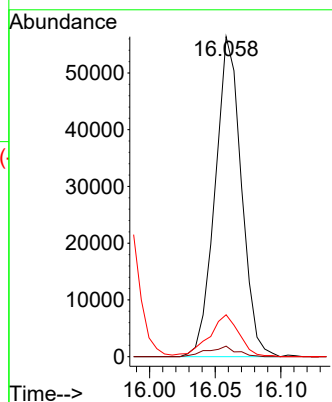
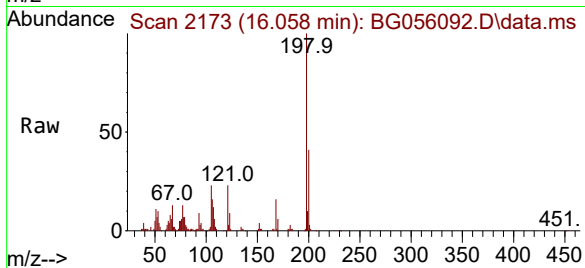




#66
4,6-Dinitro-2-methylphenol
Concen: 39.334 ng/ul
RT: 16.058 min Scan# 2173
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

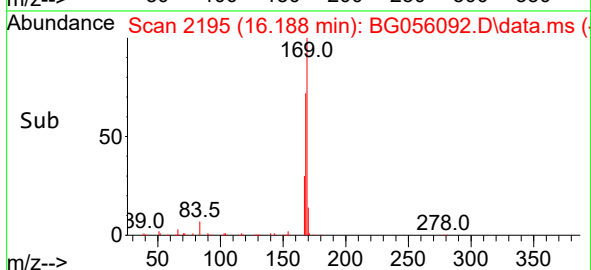
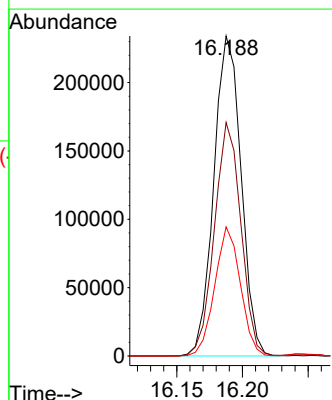
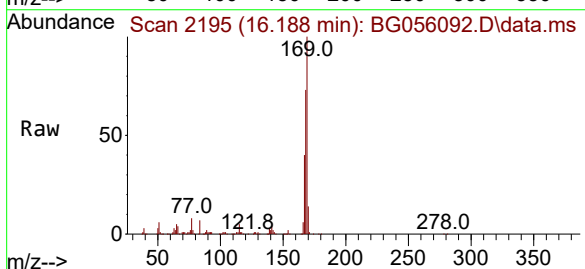
Instrument :
BNA_G
ClientSampleId :

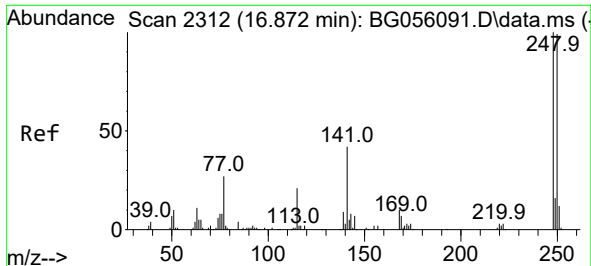
Tgt Ion:198 Resp: 78319
Ion Ratio Lower Upper
198 100
182 3.3 2.1 3.1#
77 13.1 8.2 12.2#



#67
N-Nitrosodiphenylamine
Concen: 41.298 ng/ul
RT: 16.188 min Scan# 2195
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:169 Resp: 338047
Ion Ratio Lower Upper
169 100
168 72.9 57.4 86.0
167 40.4 31.1 46.7

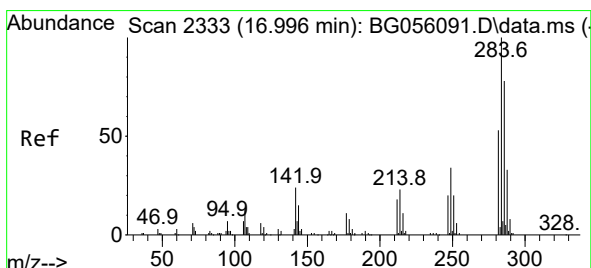
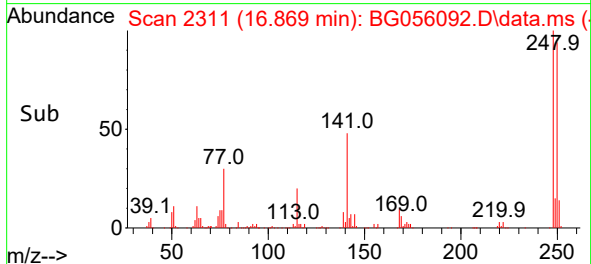
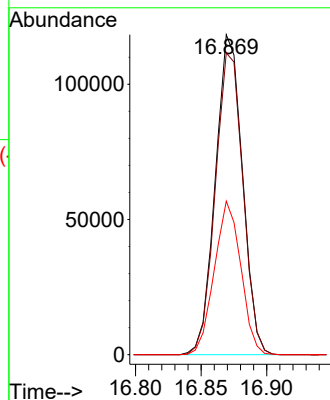
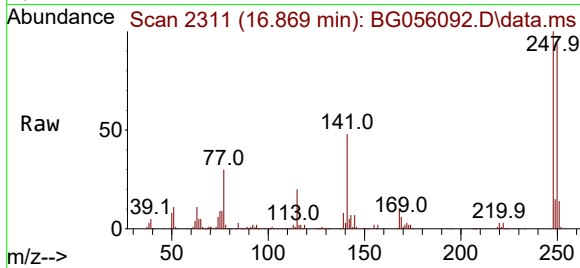




#68
4-Bromophenyl-phenylether
Concen: 41.488 ng/ul
RT: 16.869 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

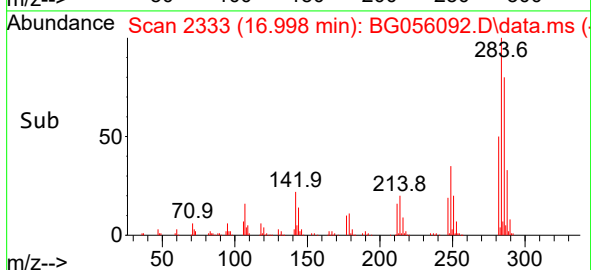
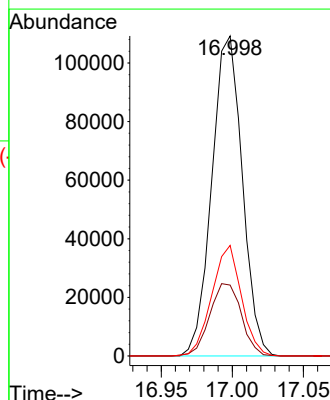
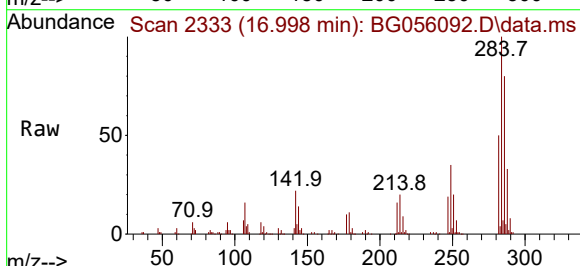
Instrument :
BNA_G
ClientSampleId :

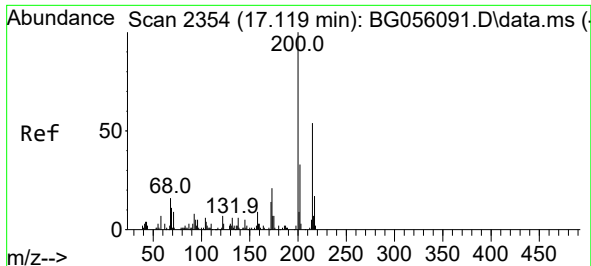
Tgt Ion:248 Resp: 169924
Ion Ratio Lower Upper
248 100
250 94.3 79.4 119.2
141 48.0 33.9 50.9



#69
Hexachlorobenzene
Concen: 41.050 ng/ul
RT: 16.998 min Scan# 2333
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:284 Resp: 162728
Ion Ratio Lower Upper
284 100
142 20.7 18.1 27.1
249 34.8 25.2 37.8

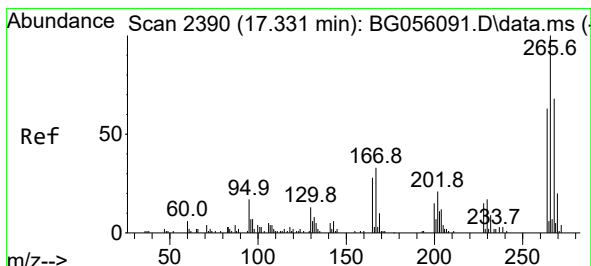
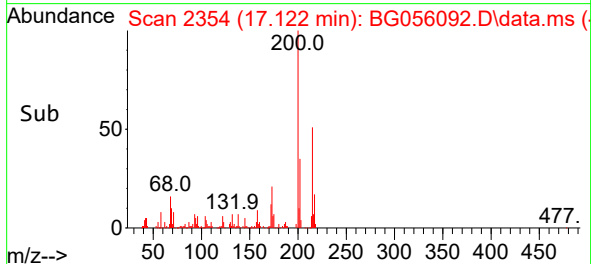
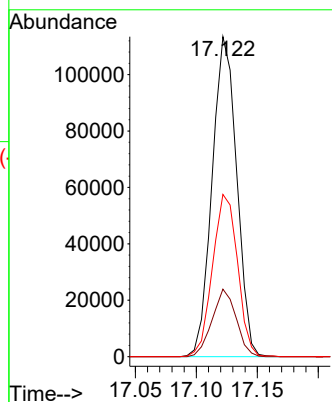
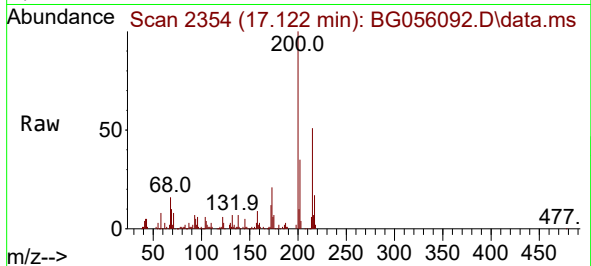




#70
Atrazine
Concen: 40.828 ng/ul
RT: 17.122 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

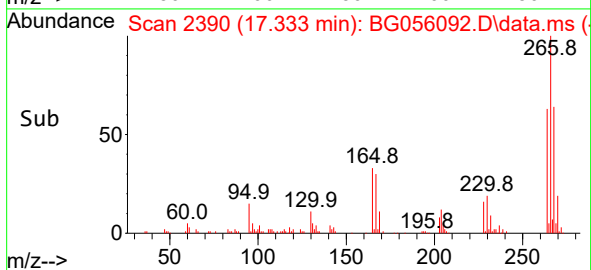
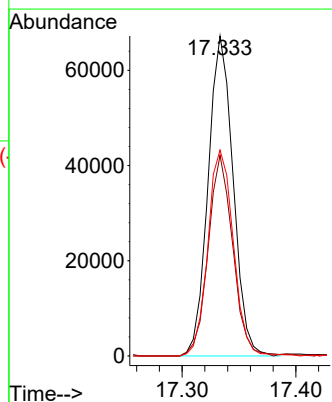
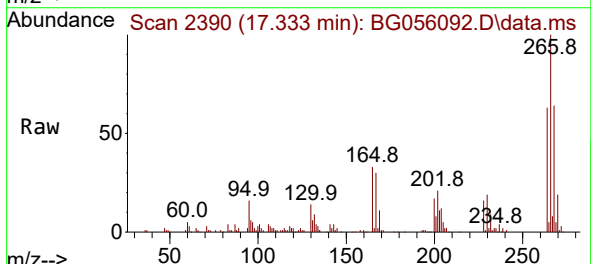
Instrument :
BNA_G
ClientSampleId :

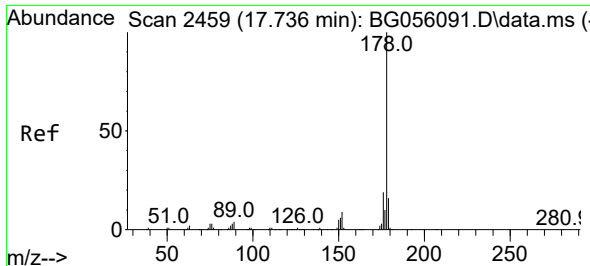
Tgt Ion:200 Resp: 159346
Ion Ratio Lower Upper
200 100
173 21.1 16.9 25.3
215 50.7 42.8 64.2



#71
Pentachlorophenol
Concen: 40.771 ng/ul
RT: 17.333 min Scan# 2390
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:266 Resp: 102754
Ion Ratio Lower Upper
266 100
264 62.7 50.7 76.1
268 64.4 58.3 87.5

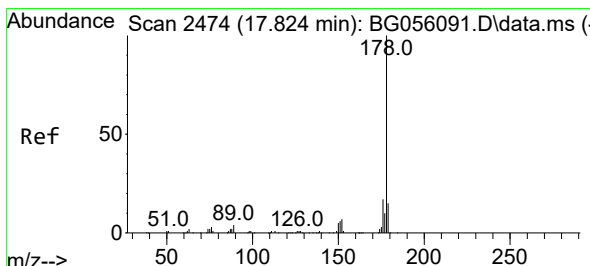
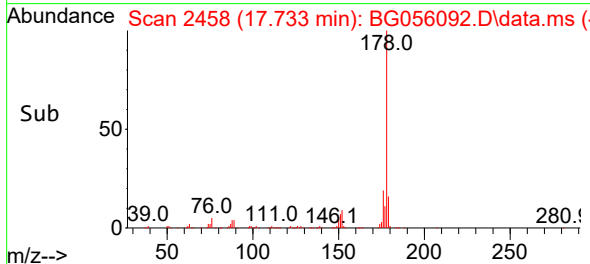
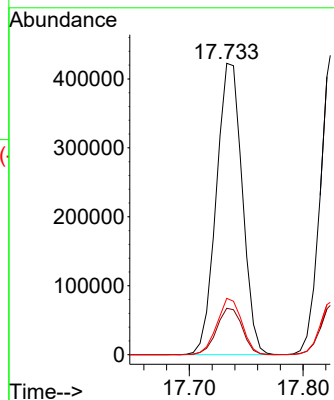
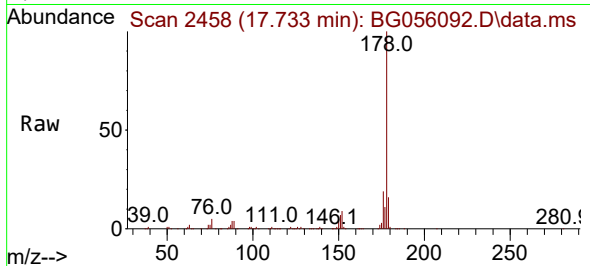




#72
Phenanthrene
Concen: 40.893 ng/ul
RT: 17.733 min Scan# 2459
Delta R.T. -0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

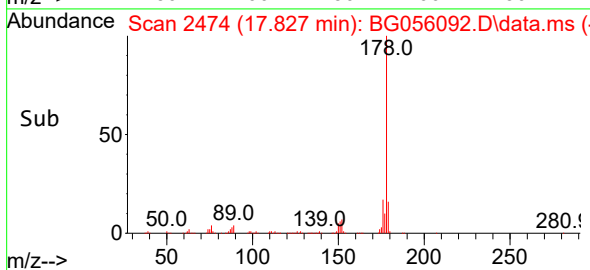
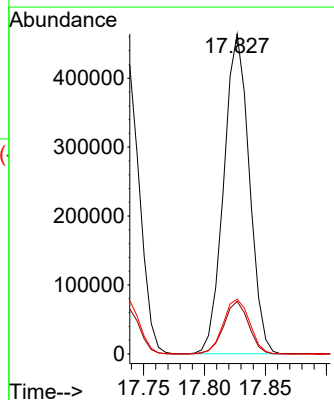
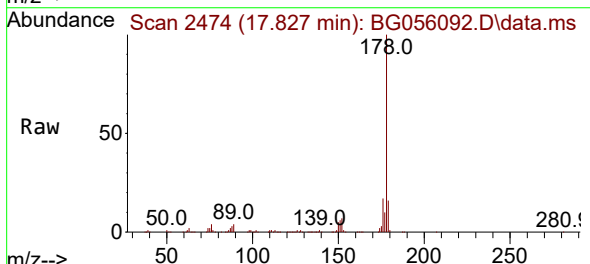
Instrument :
BNA_G
ClientSampleId :

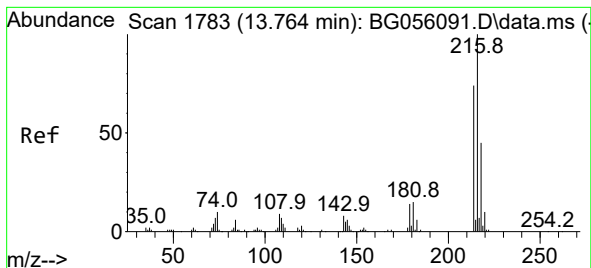
Tgt Ion:178 Resp: 670687
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 19.3 15.0 22.4



#74
Anthracene
Concen: 40.353 ng/ul
RT: 17.827 min Scan# 2474
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:178 Resp: 677505
Ion Ratio Lower Upper
178 100
179 16.5 12.1 18.1
176 17.1 13.9 20.9

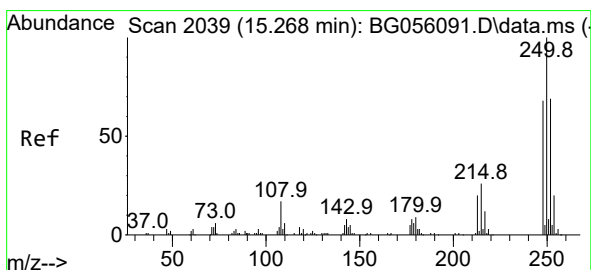
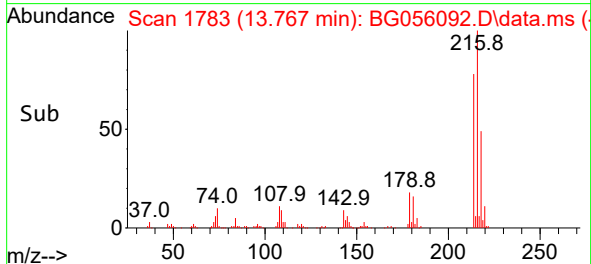
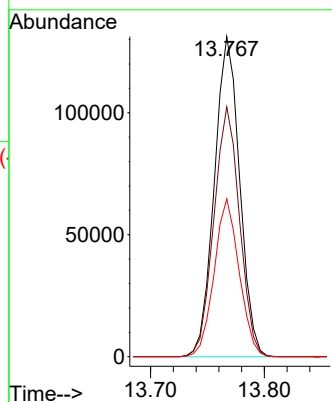
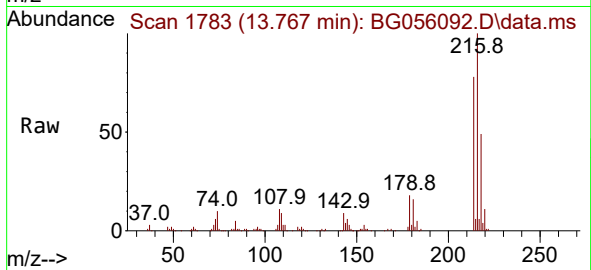




#75
1,2,3,4-Tetrachlorobenzene
Concen: 41.423 ng/uL
RT: 13.767 min Scan# 1783
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

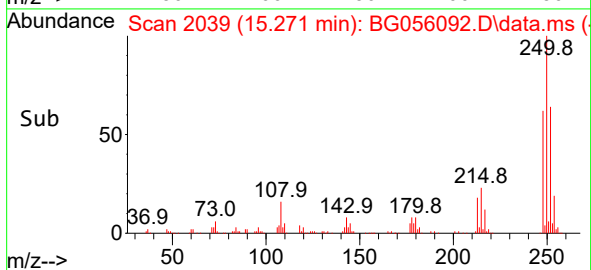
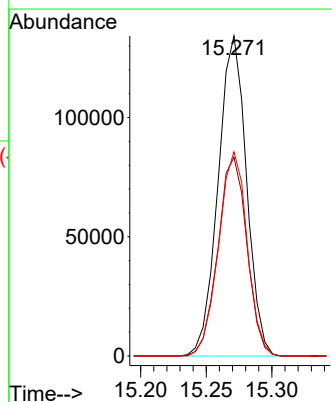
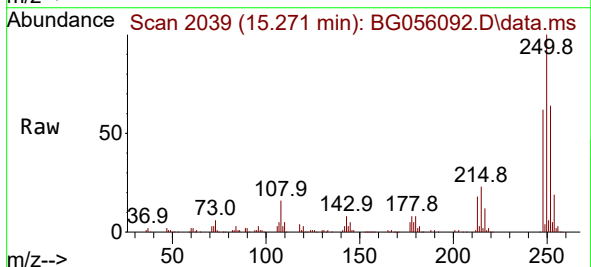
Instrument :
BNA_G
ClientSampleId :

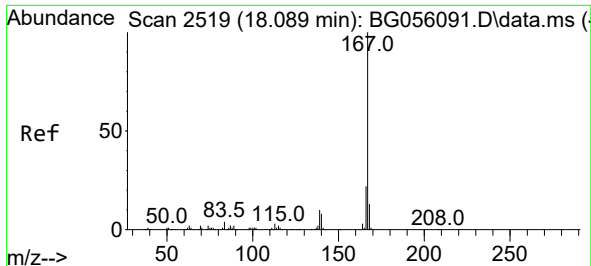
Tgt Ion:216 Resp: 202989
Ion Ratio Lower Upper
216 100
214 78.0 59.0 88.6
218 49.3 36.0 54.0



#76
Pentachlorobenzene
Concen: 41.696 ng/uL
RT: 15.271 min Scan# 2039
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:250 Resp: 201703
Ion Ratio Lower Upper
250 100
248 62.1 54.4 81.6
252 63.8 59.1 88.7

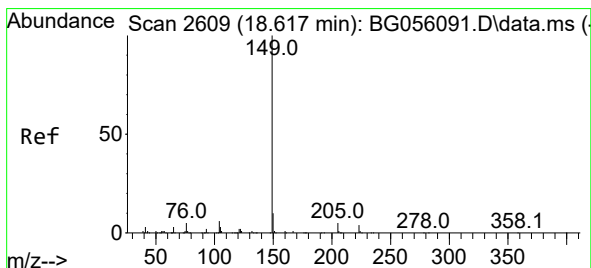
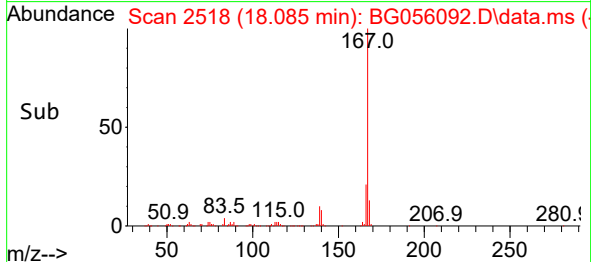
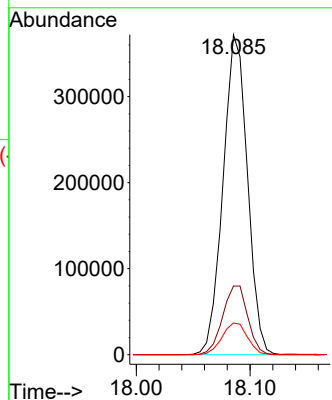
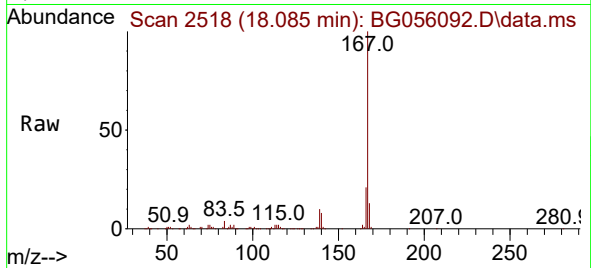




#77
 Carbazole
 Concen: 40.371 ng/ul
 RT: 18.085 min Scan# 2519
 Delta R.T. -0.003 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26

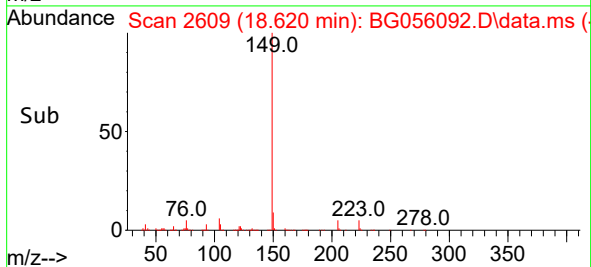
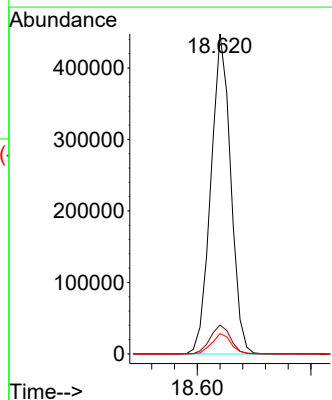
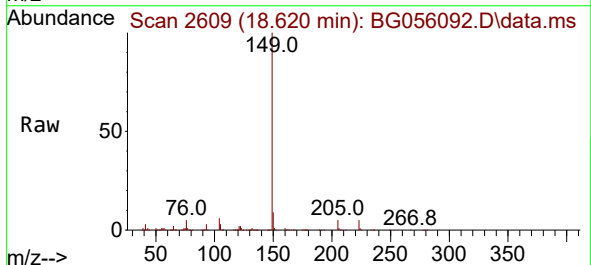
Instrument :
 BNA_G
 ClientSampleId :

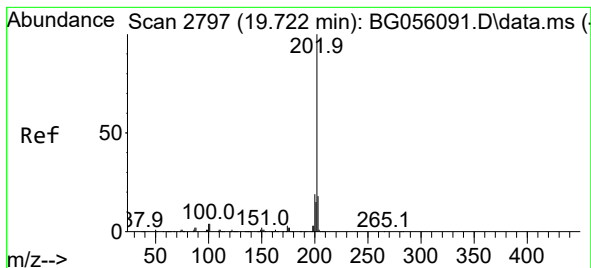
Tgt Ion:167 Resp: 554151
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 9.9 8.3 12.5



#78
 Di-n-butylphthalate
 Concen: 43.235 ng/ul
 RT: 18.620 min Scan# 2609
 Delta R.T. 0.003 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26

Tgt Ion:149 Resp: 542209
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.6
 104 6.4 4.6 7.0





#80

Fluoranthene

Concen: 41.863 ng/ul

RT: 19.725 min Scan# 21

Delta R.T. 0.003 min

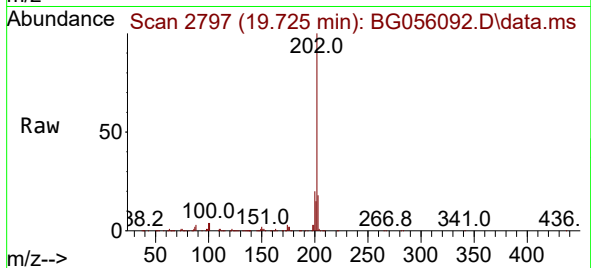
Lab File: BG056092.D

Acq: 24 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :



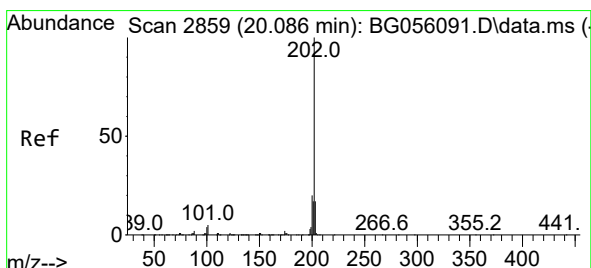
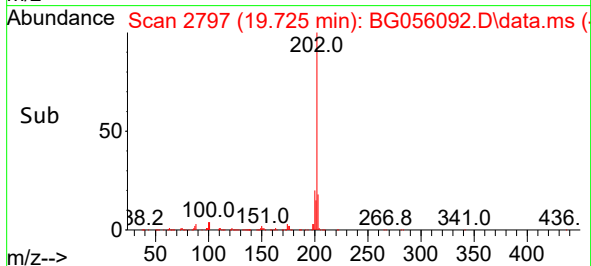
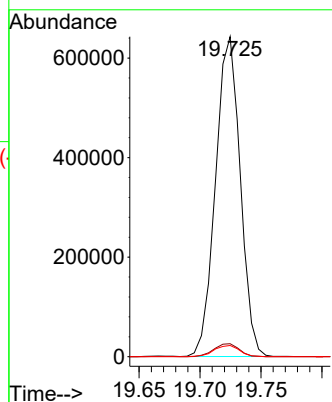
Tgt Ion:202 Resp: 906887

Ion Ratio Lower Upper

202 100

101 4.0 3.2 4.8

100 3.5 3.0 4.4



#82

Pyrene

Concen: 40.448 ng/ul

RT: 20.083 min Scan# 2858

Delta R.T. -0.003 min

Lab File: BG056092.D

Acq: 24 Dec 2022 16:26

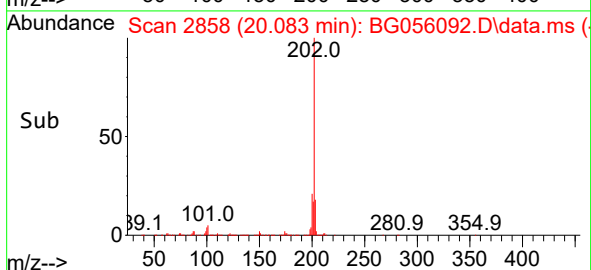
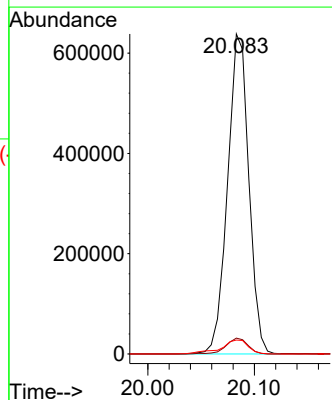
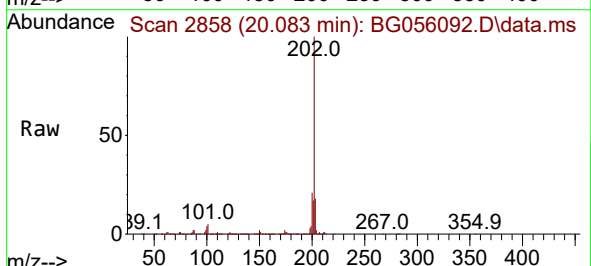
Tgt Ion:202 Resp: 883938

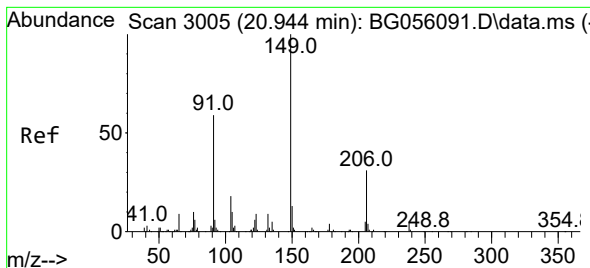
Ion Ratio Lower Upper

202 100

101 4.9 3.6 5.4

100 4.4 3.3 4.9





#83

Butylbenzylphthalate

Concen: 44.281 ng/ul

RT: 20.947 min Scan# 3005

Delta R.T. 0.003 min

Lab File: BG056092.D

Acq: 24 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :

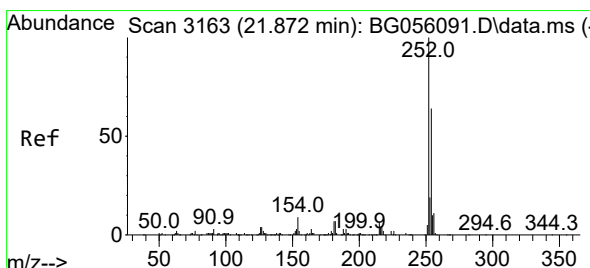
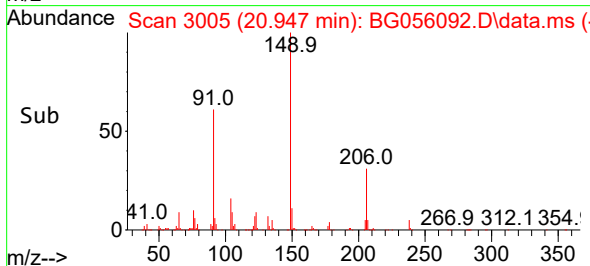
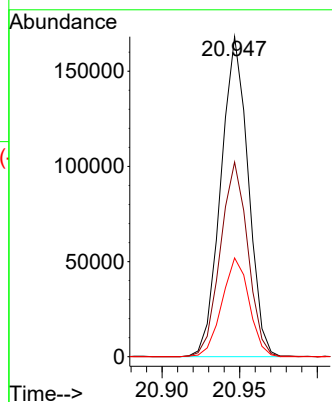
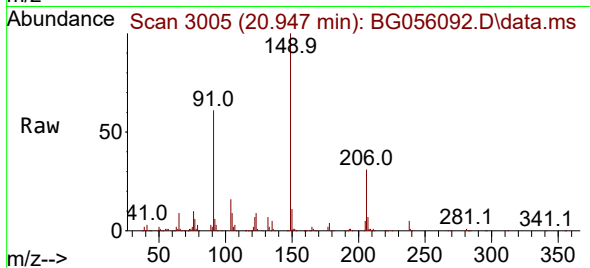
Tgt Ion:149 Resp: 205933

Ion Ratio Lower Upper

149 100

91 60.8 46.9 70.3

206 30.9 24.6 36.8



#84

3,3'-Dichlorobenzidine

Concen: 42.991 ng/ul

RT: 21.875 min Scan# 3163

Delta R.T. 0.003 min

Lab File: BG056092.D

Acq: 24 Dec 2022 16:26

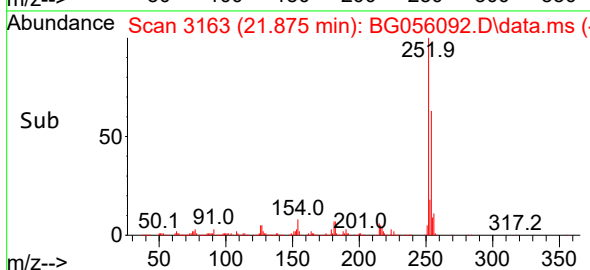
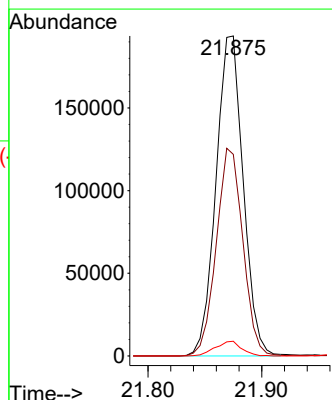
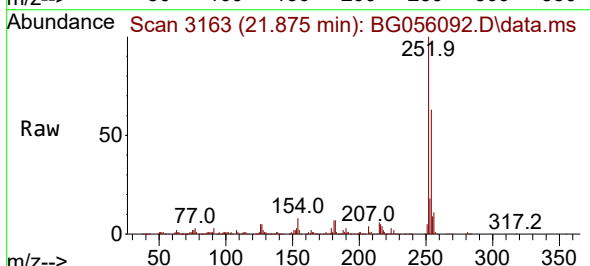
Tgt Ion:252 Resp: 322217

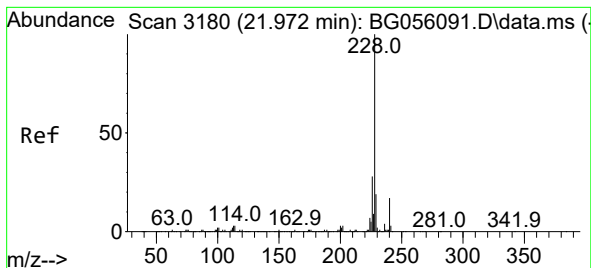
Ion Ratio Lower Upper

252 100

254 63.0 50.8 76.2

126 4.6 3.4 5.0





#85

Benzo(a)anthracene

Concen: 41.043 ng/ul

RT: 21.975 min Scan# 3180

Delta R.T. 0.003 min

Lab File: BG056092.D

Acq: 24 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :

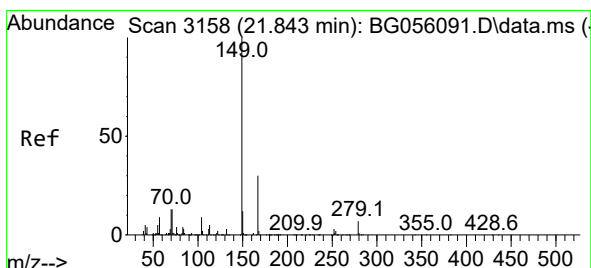
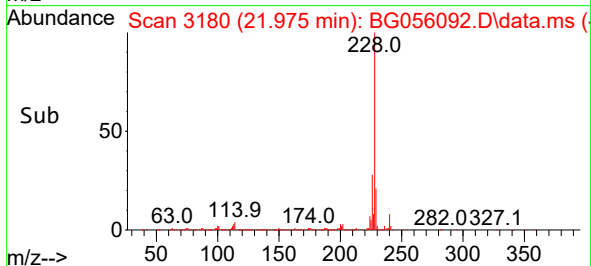
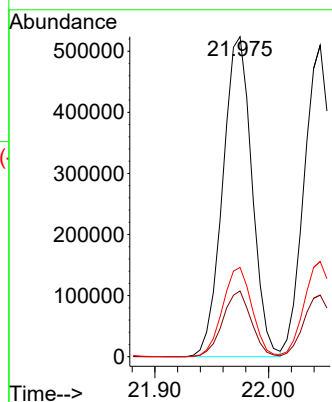
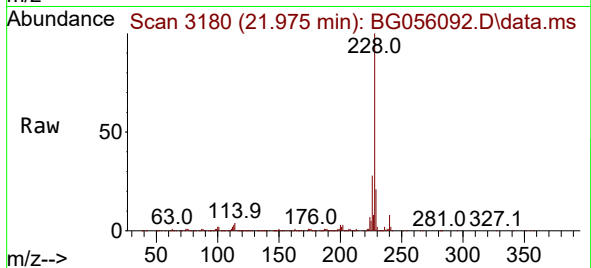
Tgt Ion:228 Resp: 934491

Ion Ratio Lower Upper

228 100

229 20.6 15.5 23.3

226 27.9 22.3 33.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 45.291 ng/ul

RT: 21.846 min Scan# 3158

Delta R.T. 0.003 min

Lab File: BG056092.D

Acq: 24 Dec 2022 16:26

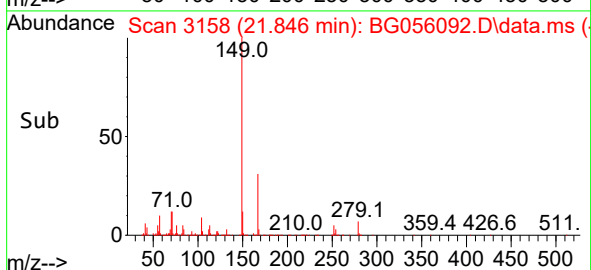
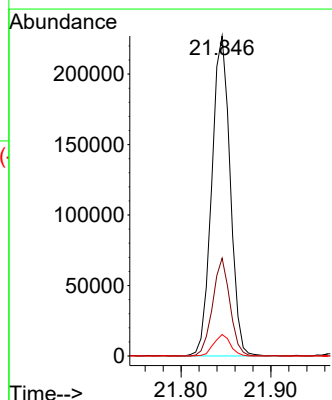
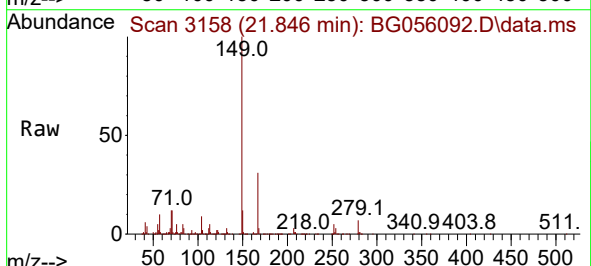
Tgt Ion:149 Resp: 322670

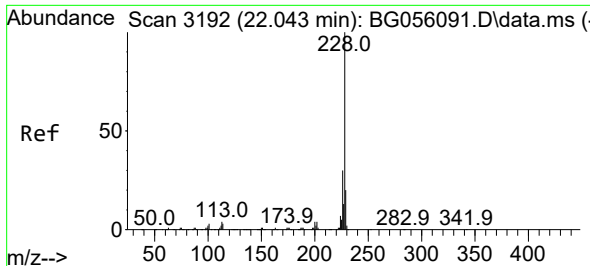
Ion Ratio Lower Upper

149 100

167 30.5 23.7 35.5

279 6.7 5.4 8.0

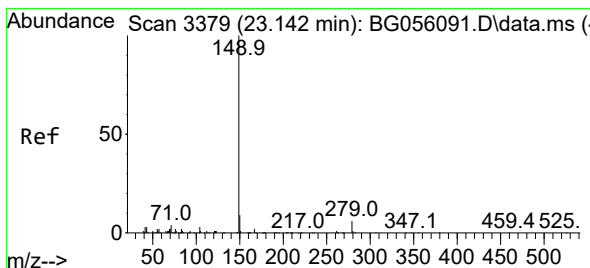
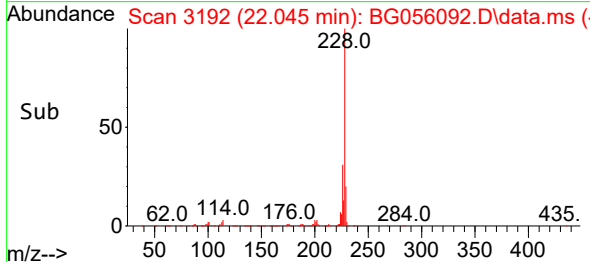
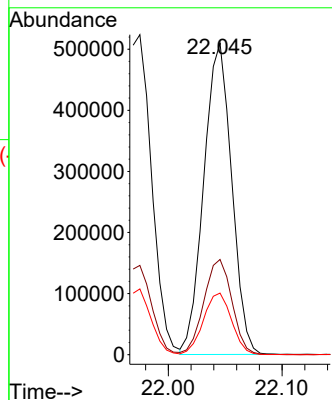
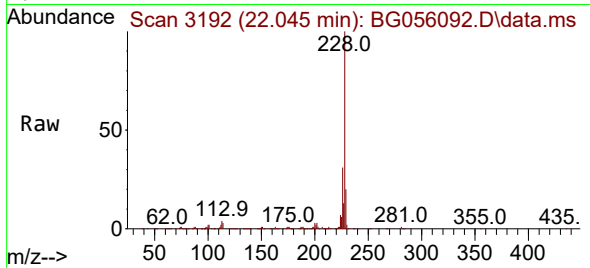




#87
Chrysene
Concen: 41.039 ng/ul
RT: 22.045 min Scan# 3192
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

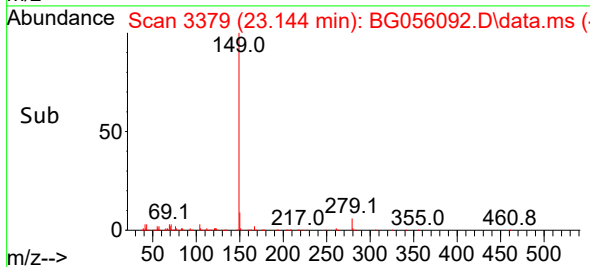
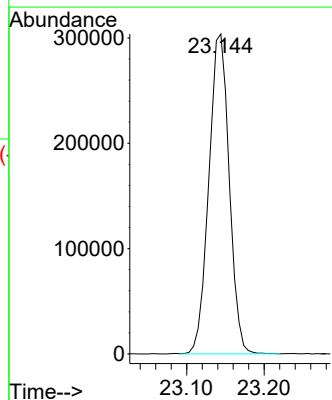
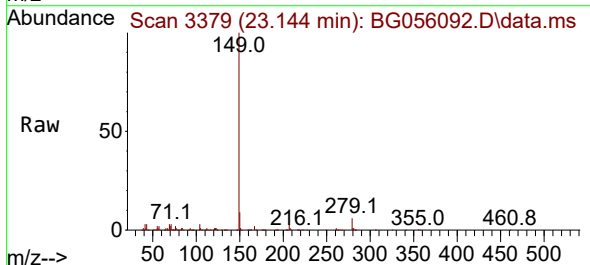
Instrument :
BNA_G
ClientSampleId :

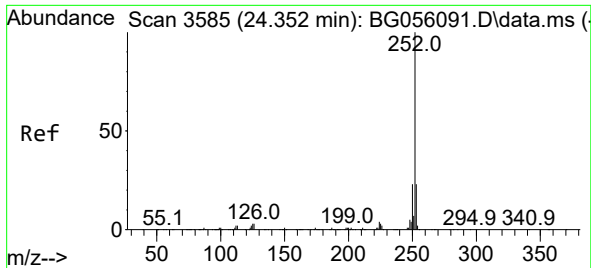
Tgt Ion:228 Resp: 867181
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 19.8 16.2 24.4



#89
Di-n-octyl phthalate
Concen: 40.873 ng/ul
RT: 23.144 min Scan# 3379
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:149 Resp: 555271

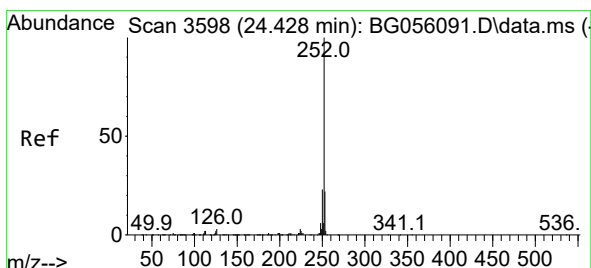
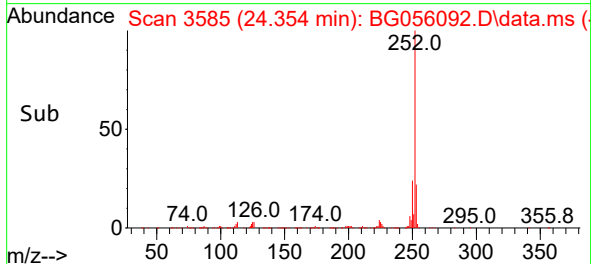
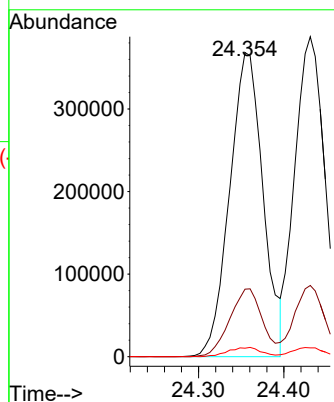
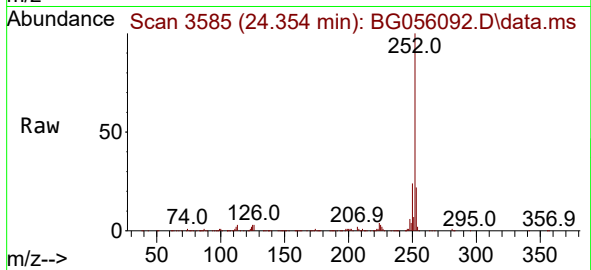




#90
Benzo(b)fluoranthene
Concen: 41.373 ng/ul
RT: 24.354 min Scan# 3585
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

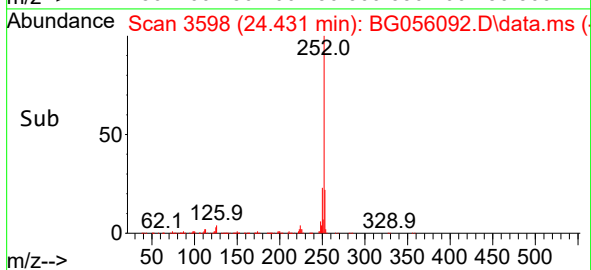
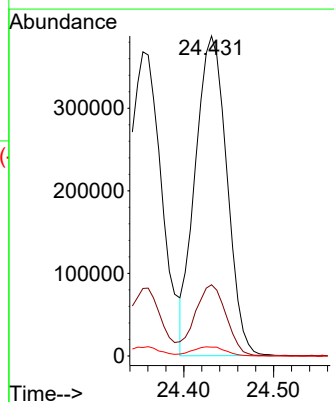
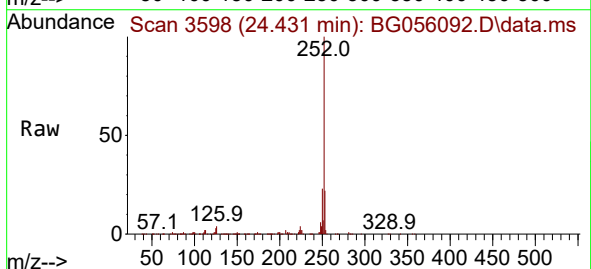
Instrument :
BNA_G
ClientSampleId :

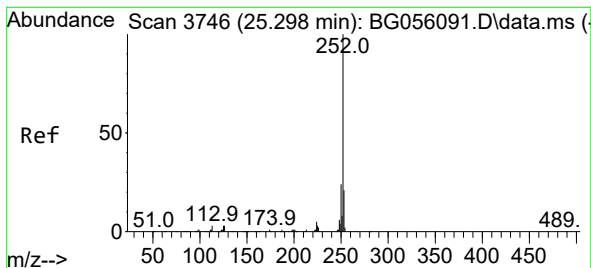
Tgt Ion:252 Resp: 1002675
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 2.8 2.2 3.4



#91
Benzo(k)fluoranthene
Concen: 39.984 ng/ul
RT: 24.431 min Scan# 3598
Delta R.T. 0.003 min
Lab File: BG056092.D
Acq: 24 Dec 2022 16:26

Tgt Ion:252 Resp: 945018
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 2.8 2.0 3.0





#93

Benzo(a)pyrene

Concen: 40.567 ng/ul

RT: 25.306 min Scan# 31

Delta R.T. 0.008 min

Lab File: BG056092.D

Acq: 24 Dec 2022 16:26

Instrument :

BNA_G

ClientSampleId :

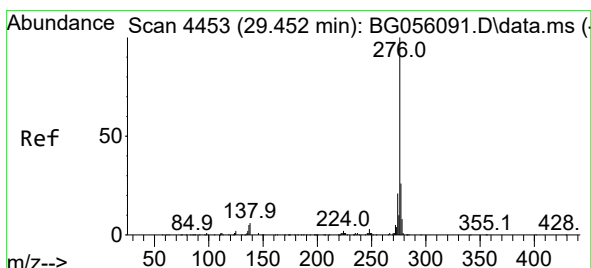
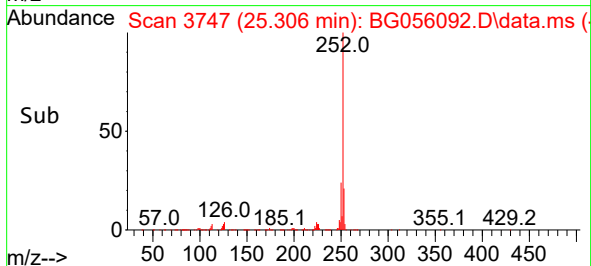
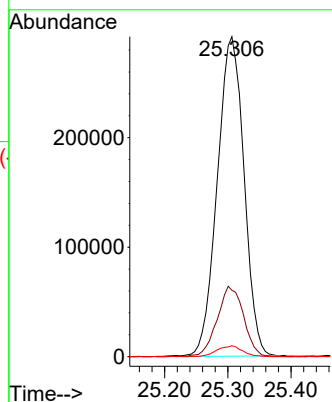
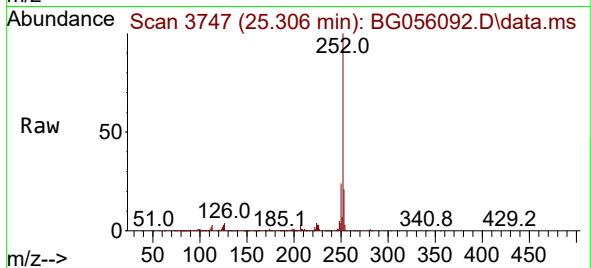
Tgt Ion:252 Resp: 856674

Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.6

125 3.4 2.3 3.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.407 ng/ul

RT: 29.460 min Scan# 4454

Delta R.T. 0.008 min

Lab File: BG056092.D

Acq: 24 Dec 2022 16:26

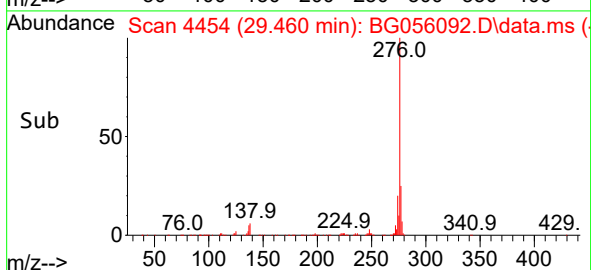
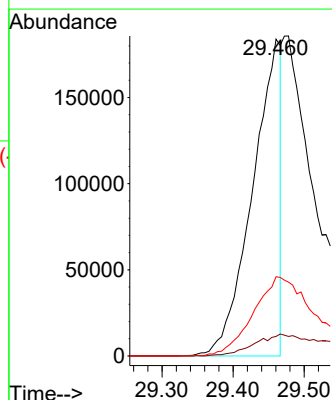
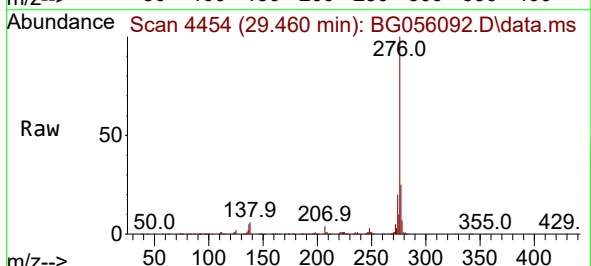
Tgt Ion:276 Resp: 511549

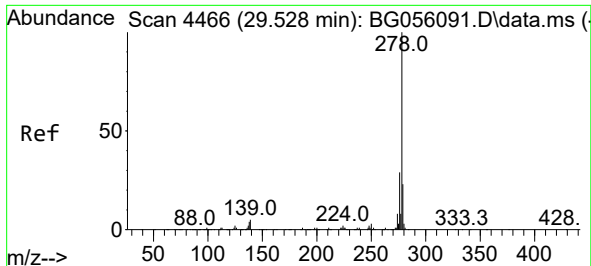
Ion Ratio Lower Upper

276 100

138 6.1 4.4 6.6

277 25.0 20.7 31.1

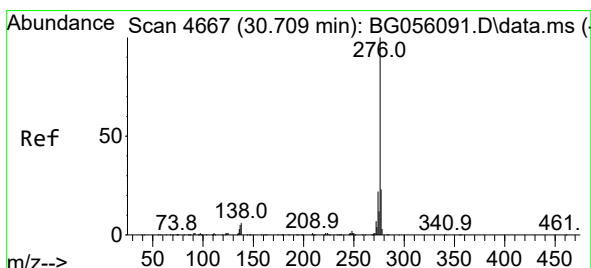
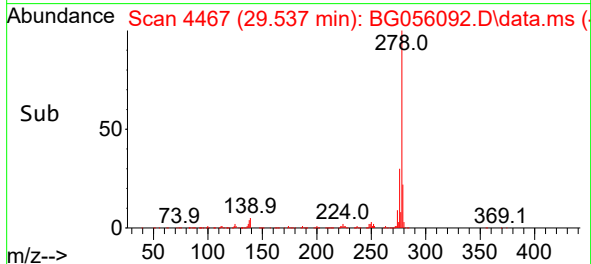
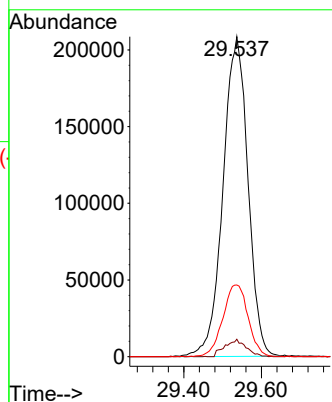
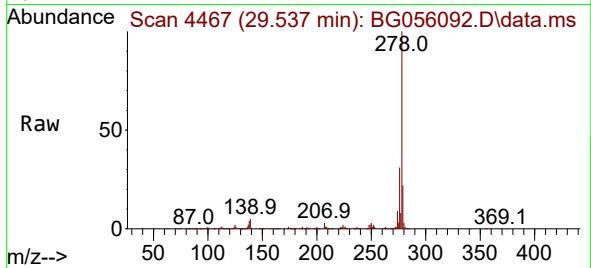




#95
 Dibenzo(a,h)anthracene
 Concen: 39.920 ng/ul
 RT: 29.537 min Scan# 4466
 Delta R.T. 0.009 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:278 Resp: 928728
 Ion Ratio Lower Upper
 278 100
 139 5.4 4.3 6.5
 279 22.4 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 25.554 ng/ul
 RT: 30.712 min Scan# 4667
 Delta R.T. 0.003 min
 Lab File: BG056092.D
 Acq: 24 Dec 2022 16:26

Tgt Ion:276 Resp: 570314
 Ion Ratio Lower Upper
 276 100
 138 6.3 5.1 7.7
 277 23.3 18.5 27.7

