

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056094.D
 Acq On : 24 Dec 2022 17:48
 Operator : CG/JU
 Sample : SSTD16046
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 24 21:50:13 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	8.347	152	36998	20.000	ng/ul	0.00
20) Naphthalene-d8	11.185	136	149086	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.957	164	127594	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.695	188	328436	20.000	ng/ul	0.00
79) Chrysene-d12	22.002	240	333571	20.000	ng/ul	0.01
88) Perylene-d12	25.474	264	356380	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.647	96	59150	66.917	ng/uL	0.00
4) Pyridine-d5	4.082	84	492026	170.736	ng/ul	0.00
7) Phenol-d5	7.489	99	595195	177.348	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.660	67	218298	165.035	ng/ul	0.00
11) 2-Chlorophenol-d4	7.877	132	378567	190.856	ng/ul	0.00
15) 4-Methylphenol-d8	9.052	113	451481	178.749	ng/ul	0.02
21) Nitrobenzene-d5	9.528	128	193411	178.118	ng/ul	0.00
24) 2-Nitrophenol-d4	10.257	143	253429	178.634	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.797	165	549593	174.330	ng/ul	0.01
31) 4-Chloroaniline-d4	11.314	131	584165	163.821	ng/ul	0.01
46) Dimethylphthalate-d6	14.358	166	1602131	162.237	ng/ul	0.01
49) Acenaphthylene-d8	14.663	160	1806307	161.967	ng/ul	0.01
54) 4-Nitrophenol-d4	15.145	143	254238	171.030	ng/ul	0.03
60) Fluorene-d10	15.950	176	1562128	160.257	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	16.067	200	373001	176.668	ng/ul	0.02
73) Anthracene-d10	17.801	188	2396288	157.885	ng/ul	0.01
81) Pyrene-d10	20.063	212	2905809	157.733	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.257	264	2998086	165.512	ng/ul	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.688	88	61728	64.902	ng/uL	98
5) Pyridine	4.105	79	474332	170.754	ng/ul#	94
6) Benzaldehyde	7.472	77	163322	132.557	ng/ul	90
8) Phenol	7.513	94	588895	176.315	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.754	93	365054	166.043	ng/ul	98
12) 2-Chlorophenol	7.912	128	373353	187.398	ng/ul	96
13) 2-Methylphenol	8.782	108	437629	174.507	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.870	45	51826	183.525	ng/ul#	79
16) Acetophenone	9.187	105	706613	168.892	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.181	70	304297	172.024	ng/ul#	91
18) 4-Methylphenol	9.129	108	472116	173.798	ng/ul	97
19) Hexachloroethane	9.446	117	138329	172.688	ng/ul	93
22) Nitrobenzene	9.575	77	472293	175.285	ng/ul	95
23) Isophorone	10.110	82	968193	157.162	ng/ul	99
25) 2-Nitrophenol	10.292	139	239237	174.690	ng/ul#	81
26) 2,4-Dimethylphenol	10.333	107	542608	167.443	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.568	93	508143	159.163	ng/ul	99
29) 2,4-Dichlorophenol	10.827	162	515691	171.266	ng/ul	91
30) Naphthalene	11.238	128	1297189	166.990	ng/ul	98
32) 4-Chloroaniline	11.338	127	586810	163.307	ng/ul	97
33) Hexachlorobutadiene	11.508	225	435933	154.492	ng/ul	98
34) Caprolactam	12.137	113	83055	91.205	ng/ul#	83
35) 4-Chloro-3-methylphenol	12.436	107	482555	166.816	ng/ul	95
36) 2-Methylnaphthalene	12.812	142	1009346	162.067	ng/ul	97

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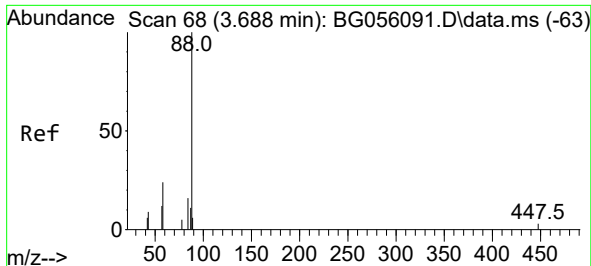
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.030	142	1023548	163.141	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.177	216	857591	162.973	ng/ul	99
40) Hexachlorocyclopentadiene	13.153	237	610405	178.904	ng/ul	98
41) 2,4,6-Trichlorophenol	13.406	196	544036	175.410	ng/ul	91
42) 2,4,5-Trichlorophenol	13.482	196	585014	173.965	ng/ul	90
43) 1,1'-Biphenyl	13.805	154	1499474	166.230	ng/ul	95
44) 2-Chloronaphthalene	13.852	162	1251114	167.333	ng/ul	96
45) 2-Nitroaniline	14.052	65	228216	219.802	ng/ul#	68
47) Dimethylphthalate	14.405	163	1558382	159.141	ng/ul#	98
48) 2,6-Dinitrotoluene	14.534	165	335770	173.716	ng/ul	92
50) Acenaphthylene	14.693	152	1819148	164.139	ng/ul	96
51) 3-Nitroaniline	14.863	138	237280	163.430	ng/ul	94
52) Acenaphthene	15.028	153	1296816	166.561	ng/ul	91
53) 2,4-Dinitrophenol	15.063	184	263475	175.128	ng/ul#	88
55) 4-Nitrophenol	15.163	109	262297	181.369	ng/ul	94
56) Dibenzofuran	15.357	168	1936797	158.927	ng/ul	98
57) 2,4-Dinitrotoluene	15.315	165	466311	173.972	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.574	232	567468	170.714	ng/ul#	96
59) Diethylphthalate	15.756	149	1426679	163.074	ng/ul	97
61) Fluorene	16.009	166	1598666	159.695	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.985	204	1011992	155.609	ng/ul	96
63) 4-Nitroaniline	16.032	138	239140	172.617	ng/ul#	69
66) 4,6-Dinitro-2-methylph...	16.079	198	351926	173.857	ng/ul#	90
67) N-Nitrosodiphenylamine	16.197	169	1406896	169.065	ng/ul	99
68) 4-Bromophenyl-phenylether	16.878	248	696042	167.162	ng/ul	97
69) Hexachlorobenzene	17.002	284	681547	169.118	ng/ul	99
70) Atrazine	17.137	200	643741	162.242	ng/ul	98
71) Pentachlorophenol	17.337	266	456939	178.341	ng/ul	94
72) Phenanthrene	17.742	178	2614789	156.822	ng/ul	96
74) Anthracene	17.836	178	2628879	154.018	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.770	216	878295	176.298	ng/ul	96
76) Pentachlorobenzene	15.280	250	857610	174.386	ng/ul	92
77) Carbazole	18.095	167	2212361	158.538	ng/ul	96
78) Di-n-butylphthalate	18.623	149	2237985	175.534	ng/ul	98
80) Fluoranthene	19.728	202	3346813	154.497	ng/ul#	97
82) Pyrene	20.092	202	3286950	150.412	ng/ul#	96
83) Butylbenzylphthalate	20.950	149	987561	212.357	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.878	252	1071166	142.923	ng/ul	98
85) Benzo(a)anthracene	21.984	228	3518913	154.556	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.849	149	1475161	207.065	ng/ul	99
87) Chrysene	22.055	228	3299462	156.152	ng/ul	94
89) Di-n-octyl phthalate	23.147	149	2424780	183.859	ng/ul	100
90) Benzo(b)fluoranthene	24.375	252	3868719	164.440	ng/ul	99
91) Benzo(k)fluoranthene	24.458	252	3657766	159.420	ng/ul#	97
93) Benzo(a)pyrene	25.339	252	3303253	161.131	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.516	276	4383275	162.475	ng/ul	98
95) Dibenzo(a,h)anthracene	29.599	278	3658429	161.987	ng/ul	98
96) Benzo(g,h,i)perylene	30.797	276	3521504	162.537	ng/ul	97

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

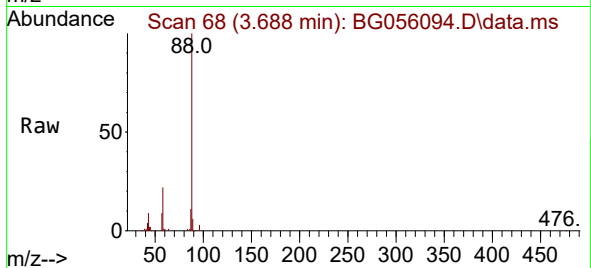
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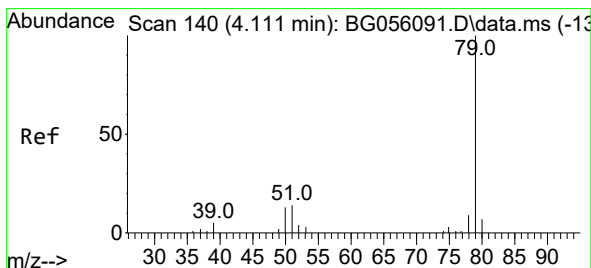
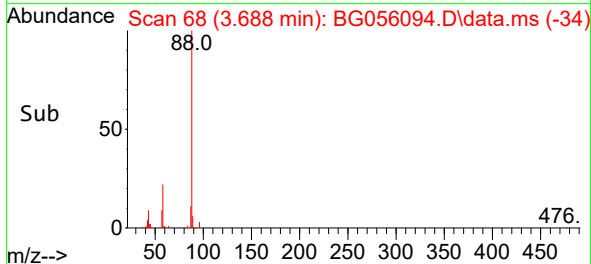
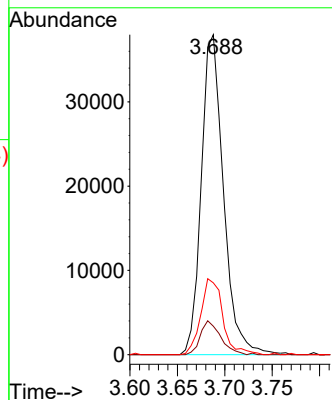


#2
1,4-Dioxane
Concen: 64.902 ng/uL
RT: 3.688 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG056094.D
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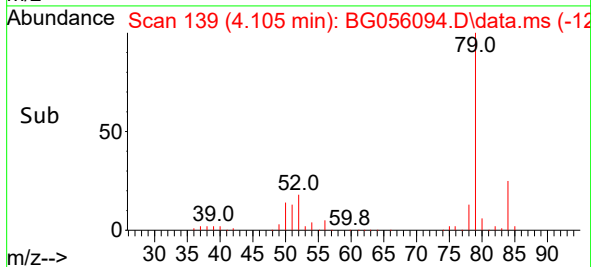
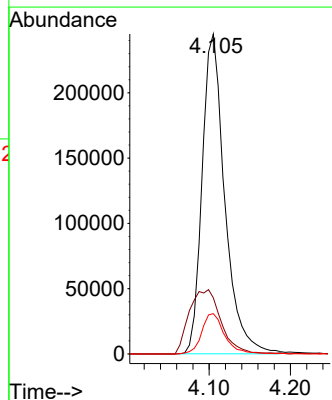
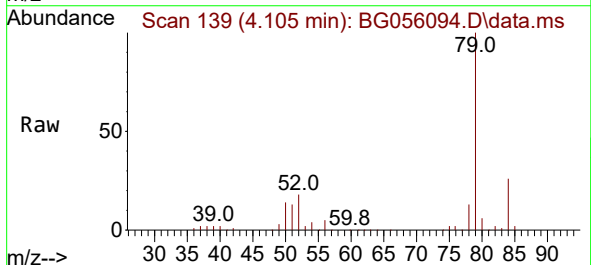


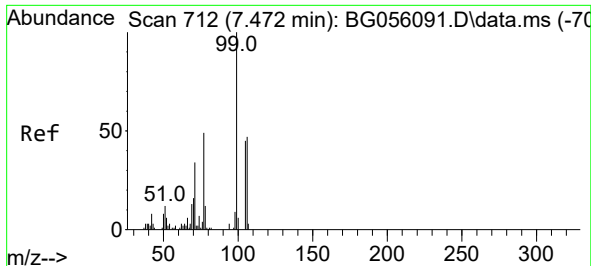
Tgt Ion: 88 Resp: 61728
Ion Ratio Lower Upper
88 100
43 8.9 7.4 11.0
58 22.4 19.1 28.7



#5
Pyridine
Concen: 170.754 ng/uL
RT: 4.105 min Scan# 139
Delta R.T. -0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion: 79 Resp: 474332
Ion Ratio Lower Upper
79 100
52 17.5 11.0 16.6#
51 12.6 11.1 16.7

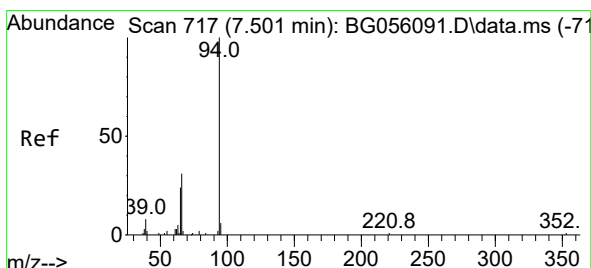
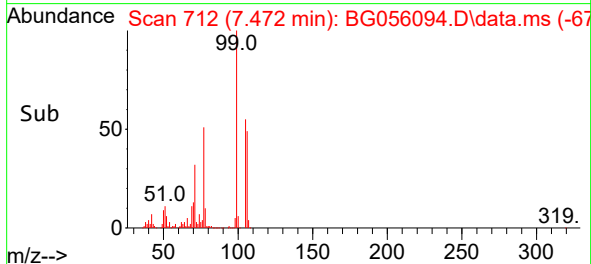
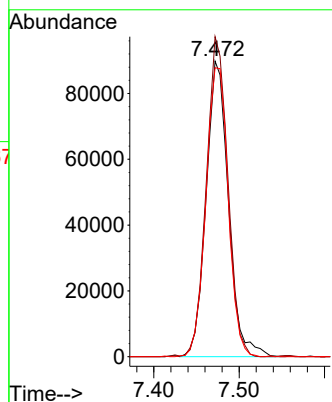
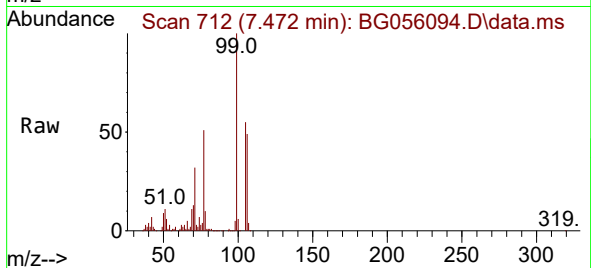




#6
Benzaldehyde
Concen: 132.557 ng/ul
RT: 7.472 min Scan# 712
Delta R.T. 0.000 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

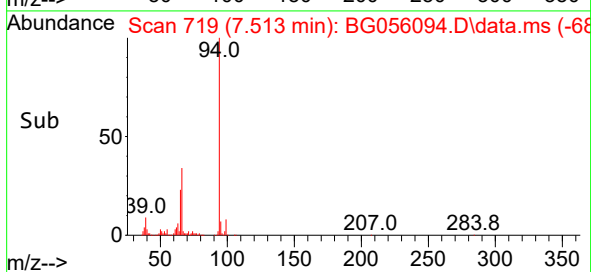
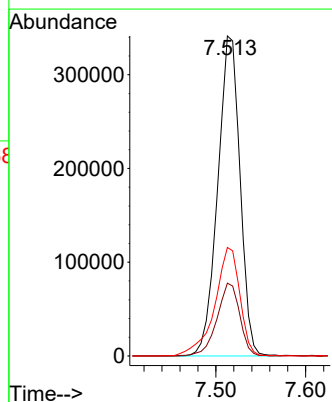
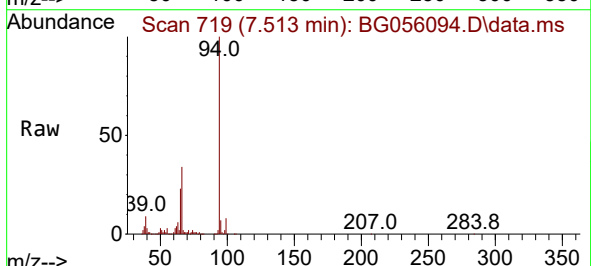
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ClientSampleId :

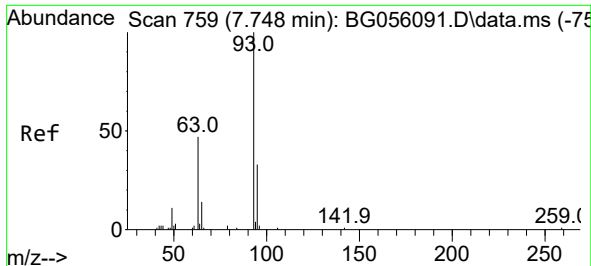
Tgt Ion: 77 Resp: 163322
Ion Ratio Lower Upper
77 100
105 108.3 72.6 109.0
106 97.8 76.8 115.2



#8
Phenol
Concen: 176.315 ng/ul
RT: 7.513 min Scan# 719
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion: 94 Resp: 588895
Ion Ratio Lower Upper
94 100
65 22.7 18.8 28.2
66 33.9 26.2 39.2

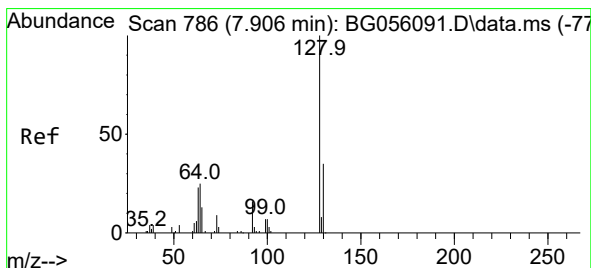
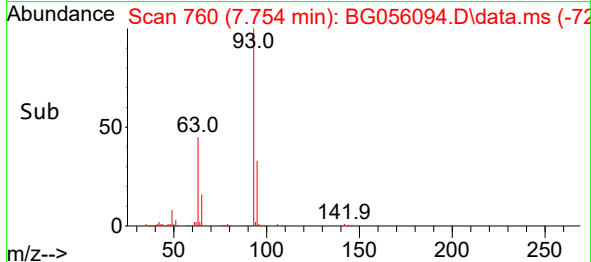
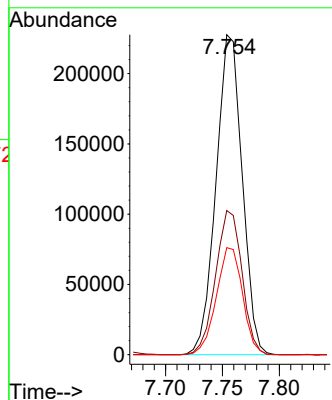
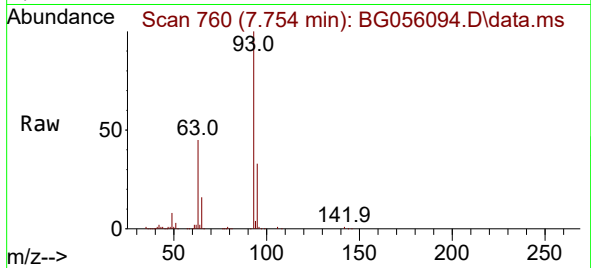




#10
Bis(2-Chloroethyl)ether
Concen: 166.043 ng/ul
RT: 7.754 min Scan# 759
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

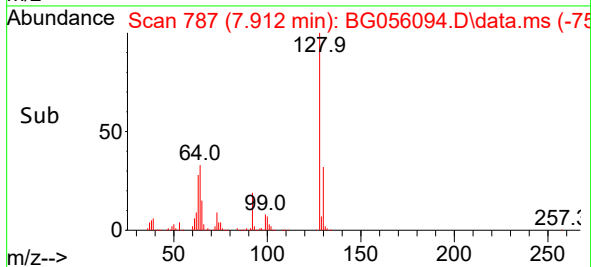
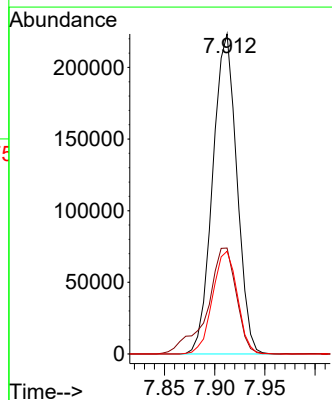
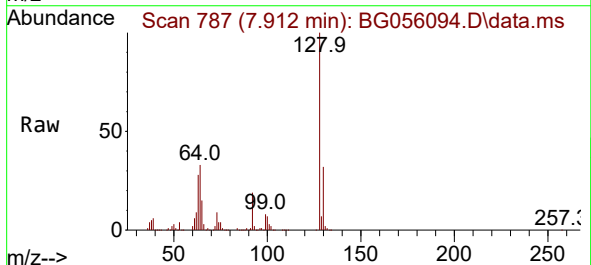
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ClientSampleId :

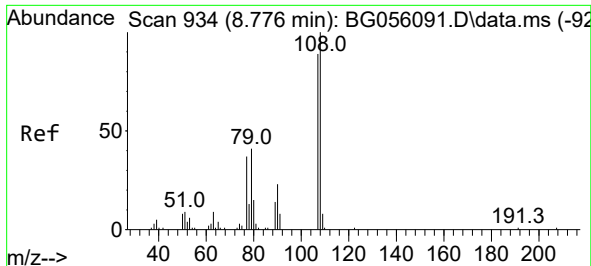
Tgt Ion: 93 Resp: 365054
Ion Ratio Lower Upper
93 100
63 45.1 37.4 56.2
95 33.5 26.3 39.5



#12
2-Chlorophenol
Concen: 187.398 ng/ul
RT: 7.912 min Scan# 787
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:128 Resp: 373353
Ion Ratio Lower Upper
128 100
64 33.1 24.8 37.2
130 32.1 27.9 41.9

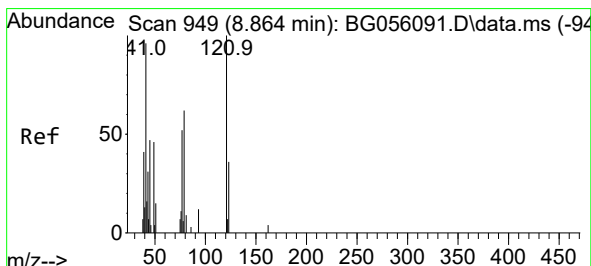
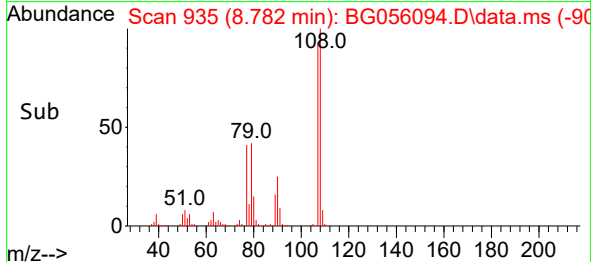
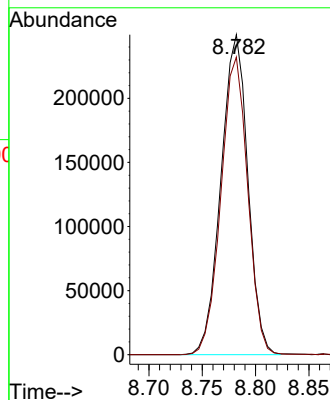
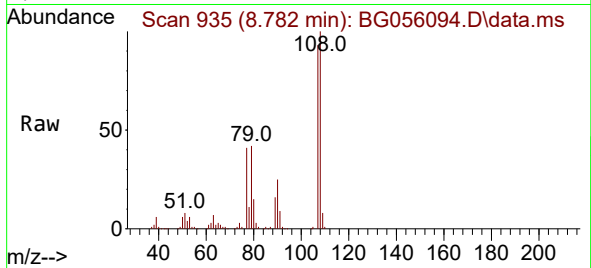




#13
2-Methylphenol
Concen: 174.507 ng/ul
RT: 8.782 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

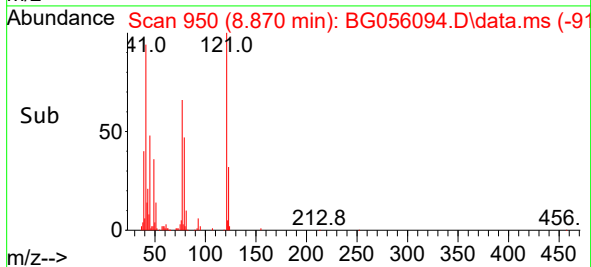
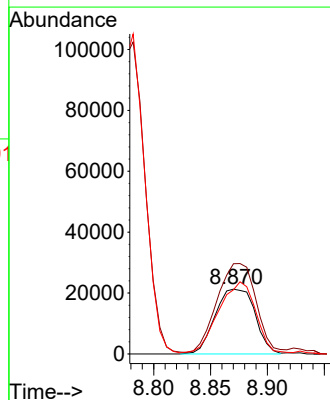
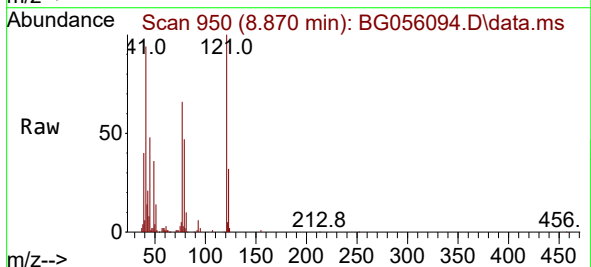
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ClientSampleId :

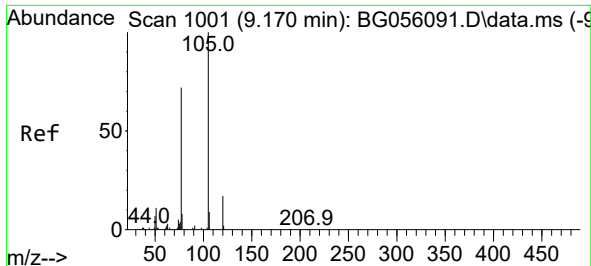
Tgt Ion:108 Resp: 437629
Ion Ratio Lower Upper
108 100
107 93.0 71.4 107.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 183.525 ng/ul
RT: 8.870 min Scan# 950
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion: 45 Resp: 51826
Ion Ratio Lower Upper
45 100
77 139.3 105.8 158.8
79 99.1 114.2 171.4#

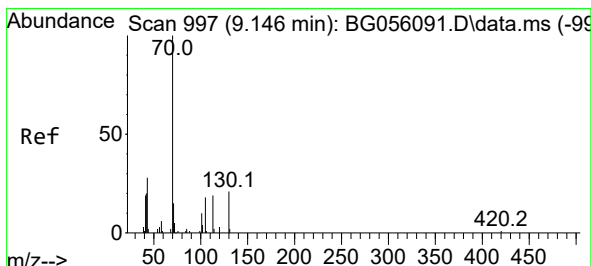
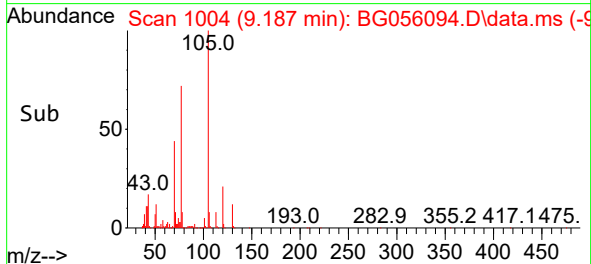
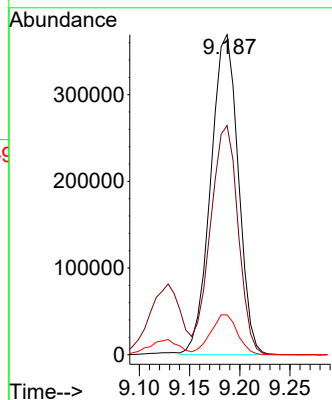
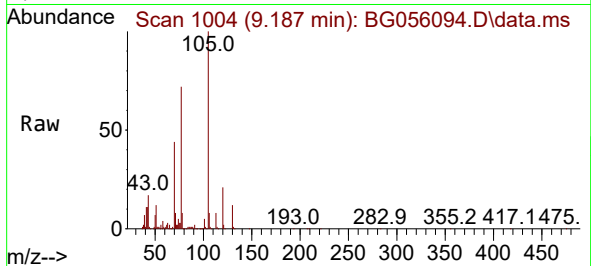




#16
Acetophenone
Concen: 168.892 ng/ul
RT: 9.187 min Scan# 1004
Delta R.T. 0.018 min
Lab File: BG056094.D
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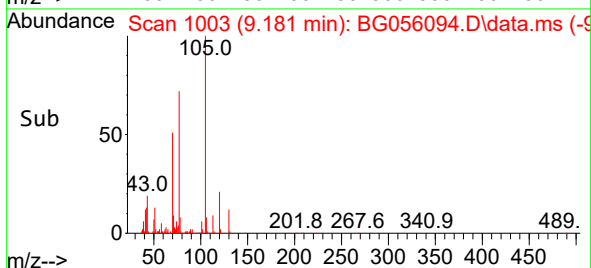
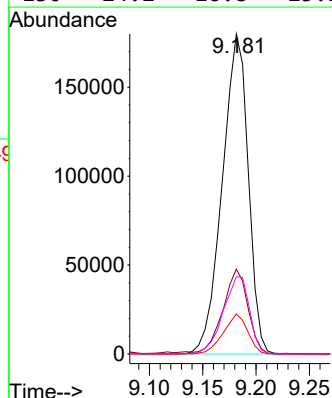
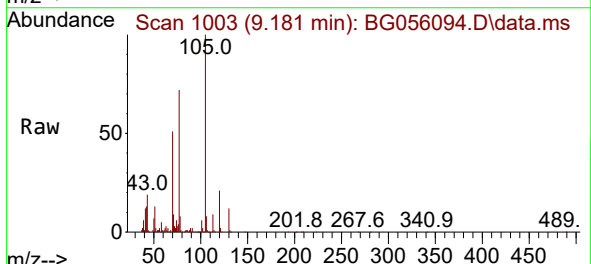
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ClientSampleId :

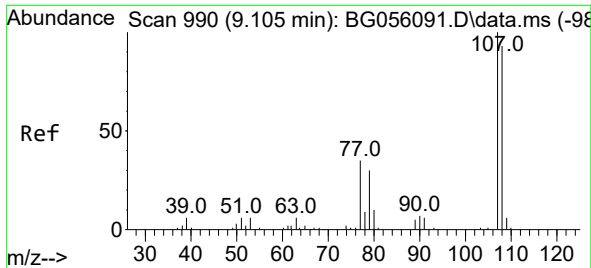
Tgt Ion:105 Resp: 706613
Ion Ratio Lower Upper
105 100
77 71.6 59.0 88.4
51 12.4 9.6 14.4



#17
N-Nitroso-di-n-propylamine
Concen: 172.024 ng/ul
RT: 9.181 min Scan# 1003
Delta R.T. 0.035 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion: 70 Resp: 304297
Ion Ratio Lower Upper
70 100
42 26.5 16.1 24.1#
101 12.5 8.4 12.6
130 24.2 16.8 25.2

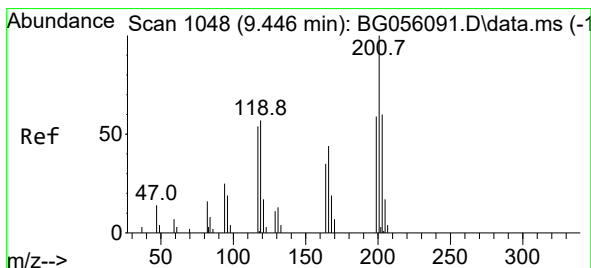
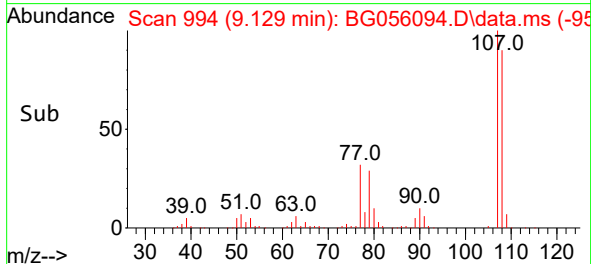
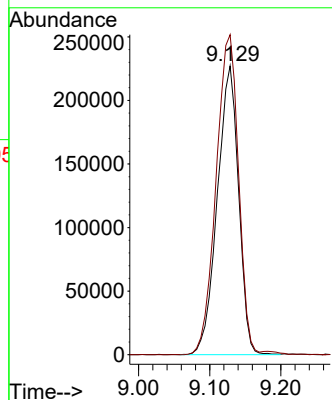
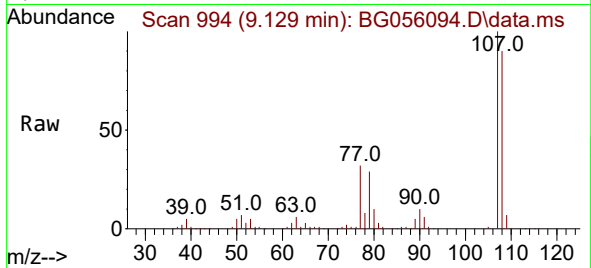




#18
4-Methylphenol
Concen: 173.798 ng/ul
RT: 9.129 min Scan# 990
Delta R.T. 0.024 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

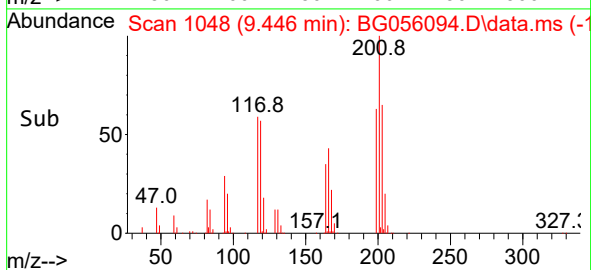
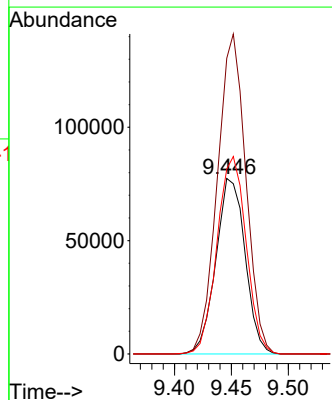
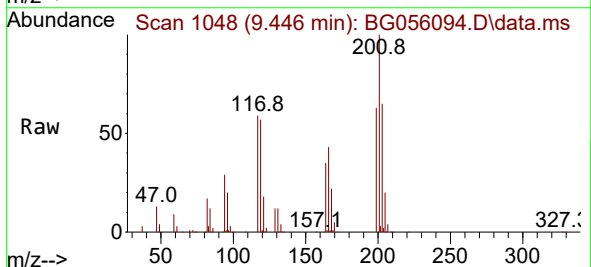
Instrument :
BNA_G
ClientSampleId :

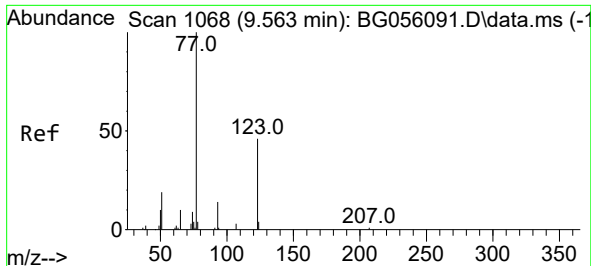
Tgt Ion:108 Resp: 472116
Ion Ratio Lower Upper
108 100
107 110.8 86.2 129.2



#19
Hexachloroethane
Concen: 172.688 ng/ul
RT: 9.446 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:117 Resp: 138329
Ion Ratio Lower Upper
117 100
201 172.8 149.0 223.4
199 105.3 87.7 131.5

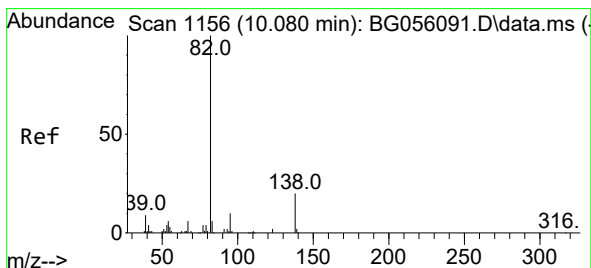
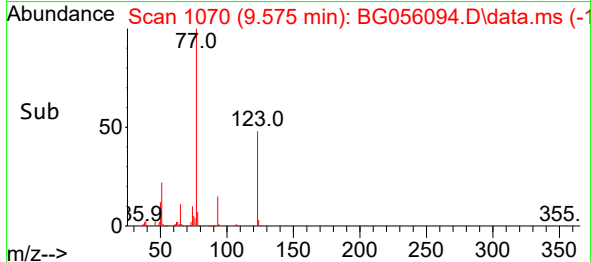
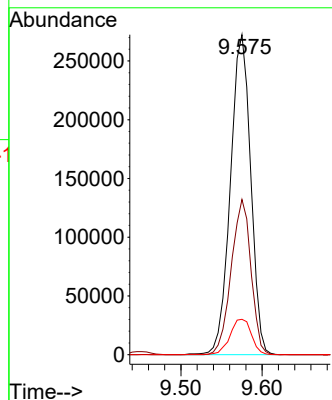
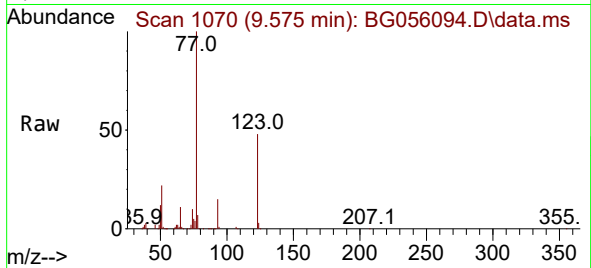




#22
Nitrobenzene
Concen: 175.285 ng/ul
RT: 9.575 min Scan# 1068
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

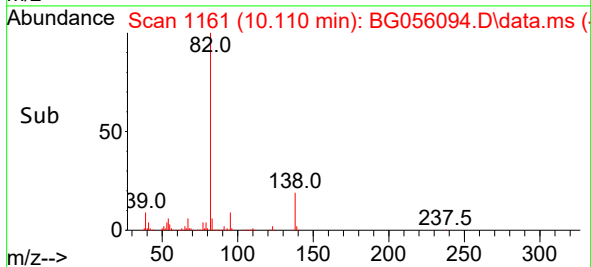
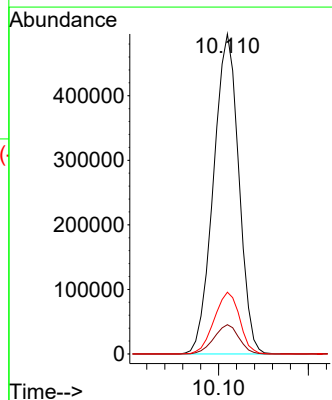
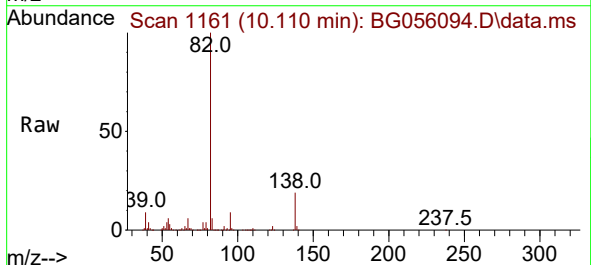
Instrument :
BNA_G
ClientSampleId :

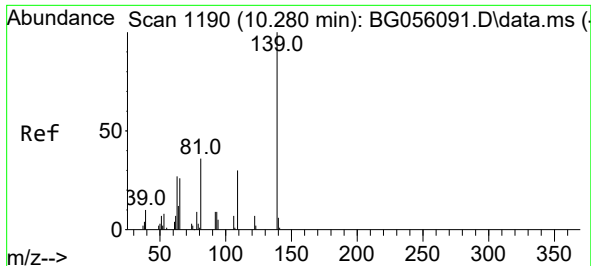
Tgt Ion: 77 Resp: 472293
Ion Ratio Lower Upper
77 100
123 48.5 36.0 54.0
65 11.1 7.6 11.4



#23
Isophorone
Concen: 157.162 ng/ul
RT: 10.110 min Scan# 1161
Delta R.T. 0.029 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion: 82 Resp: 968193
Ion Ratio Lower Upper
82 100
95 9.2 7.9 11.9
138 19.3 15.8 23.6

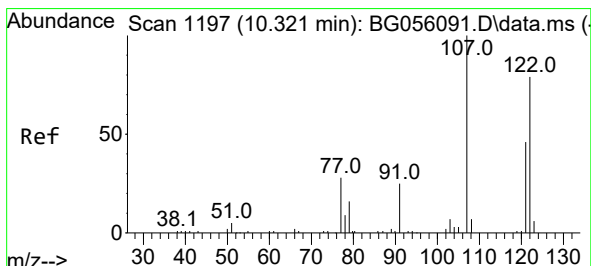
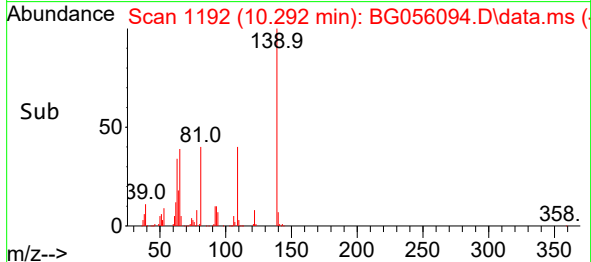
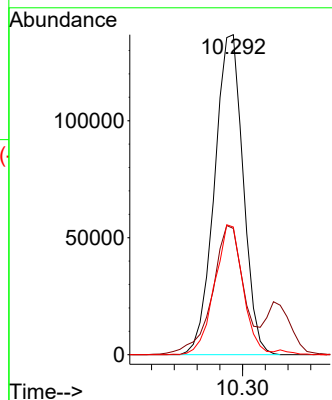
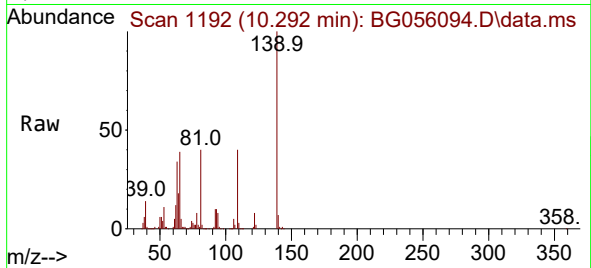




#25
2-Nitrophenol
Concen: 174.690 ng/ul
RT: 10.292 min Scan# 1192
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

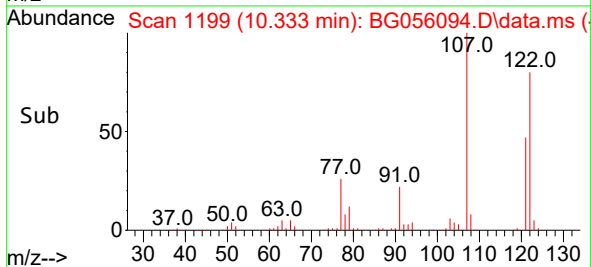
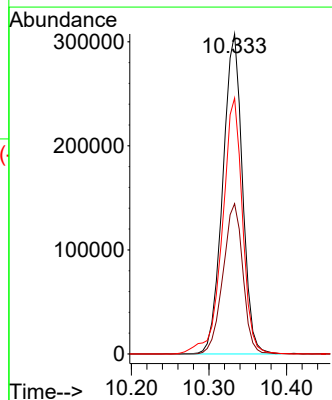
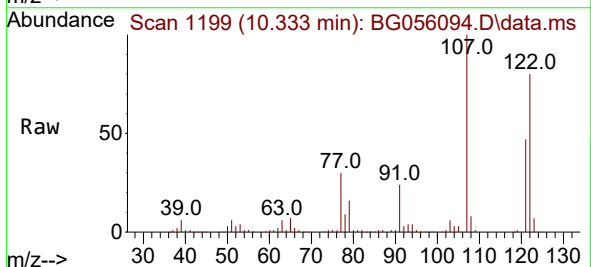
Instrument :
BNA_G
ClientSampleId :

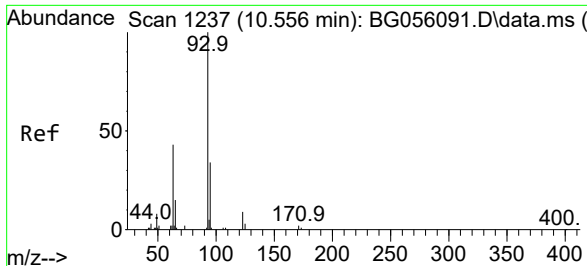
Tgt Ion:139 Resp: 239237
Ion Ratio Lower Upper
139 100
65 39.5 23.2 34.8#
109 39.9 23.8 35.8#



#26
2,4-Dimethylphenol
Concen: 167.443 ng/ul
RT: 10.333 min Scan# 1199
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:107 Resp: 542608
Ion Ratio Lower Upper
107 100
121 46.9 36.5 54.7
122 80.0 64.4 96.6





#27

Bis(2-Chloroethoxy)methane

Concen: 159.163 ng/ul

RT: 10.568 min Scan# 1239

Delta R.T. 0.012 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

Instrument :

BNA_G

ClientSampleId :

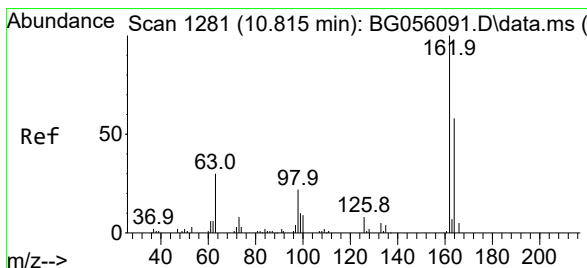
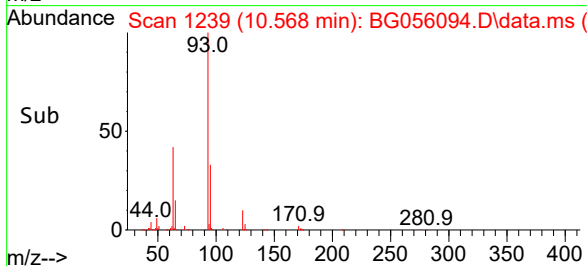
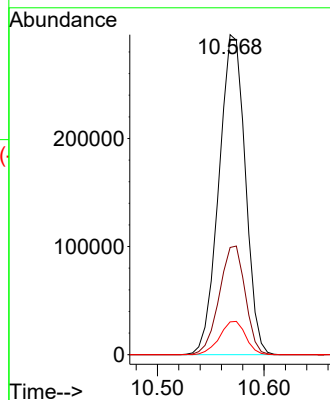
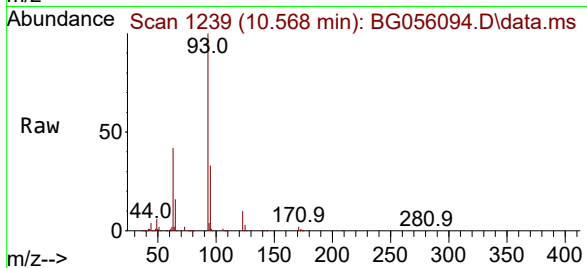
Tgt Ion: 93 Resp: 508143

Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

123 10.3 7.4 11.0



#29

2,4-Dichlorophenol

Concen: 171.266 ng/ul

RT: 10.827 min Scan# 1283

Delta R.T. 0.012 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

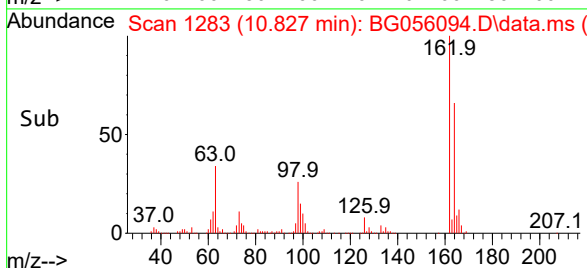
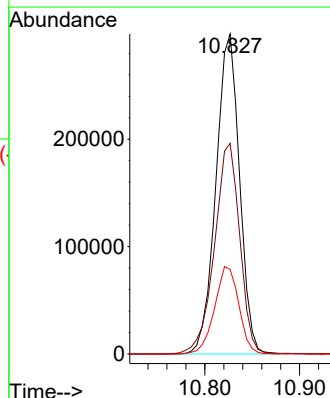
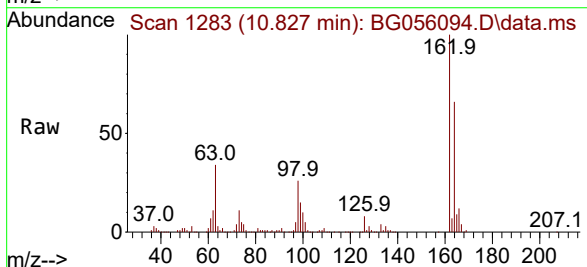
Tgt Ion:162 Resp: 515691

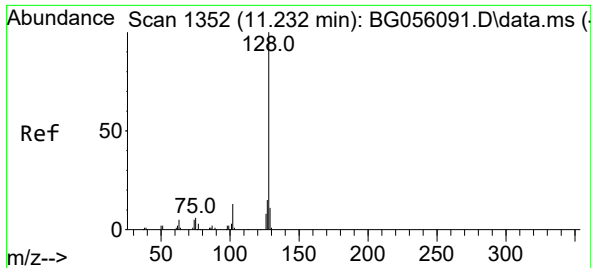
Ion Ratio Lower Upper

162 100

164 65.8 47.3 70.9

98 26.4 17.8 26.8

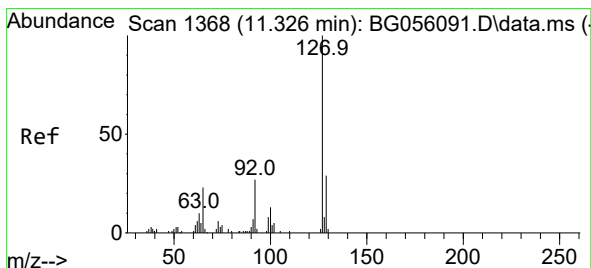
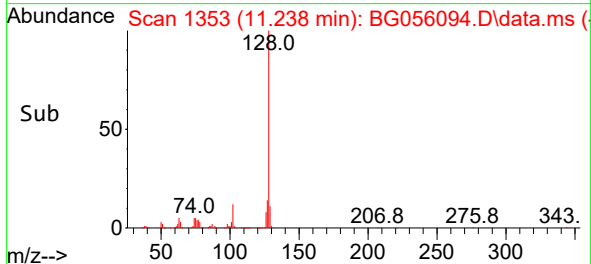
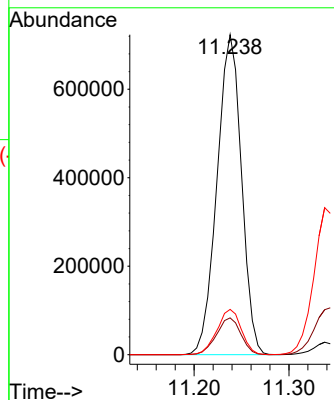
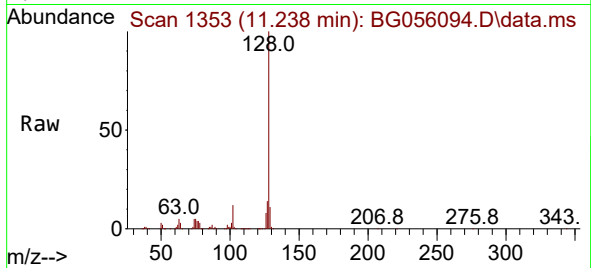




#30
Naphthalene
Concen: 166.990 ng/ul
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

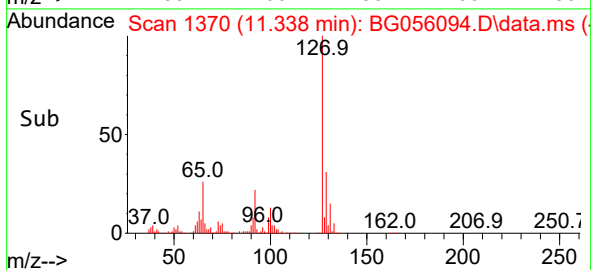
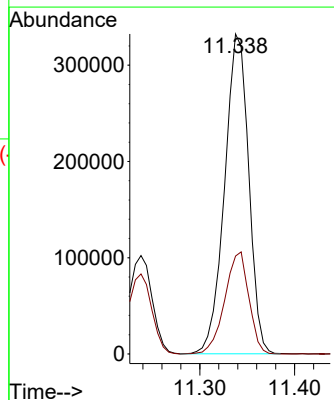
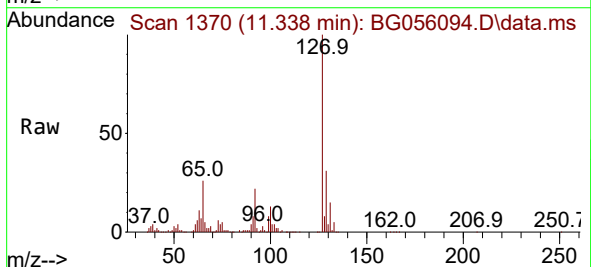
Instrument :
BNA_G
ClientSampleId :

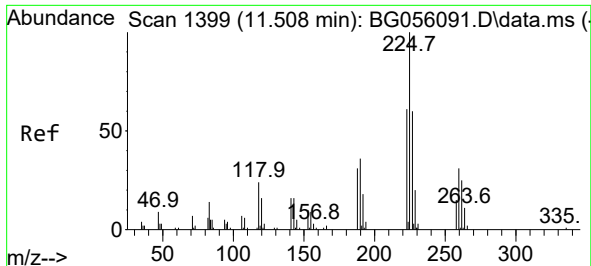
Tgt Ion:128 Resp: 1297189
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 14.1 11.6 17.4



#32
4-Chloroaniline
Concen: 163.307 ng/ul
RT: 11.338 min Scan# 1370
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:127 Resp: 586810
Ion Ratio Lower Upper
127 100
129 30.6 23.4 35.0

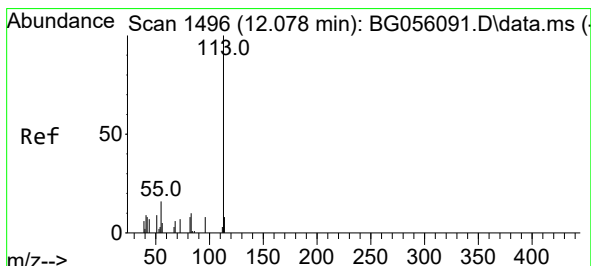
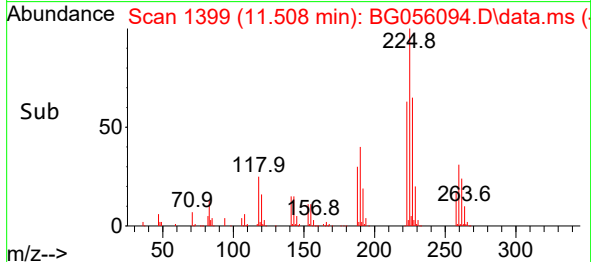
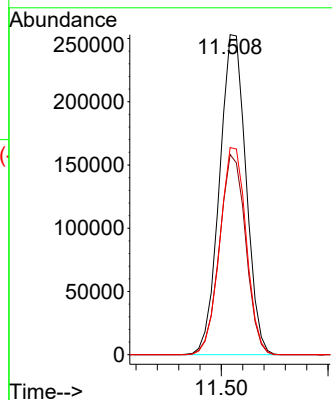
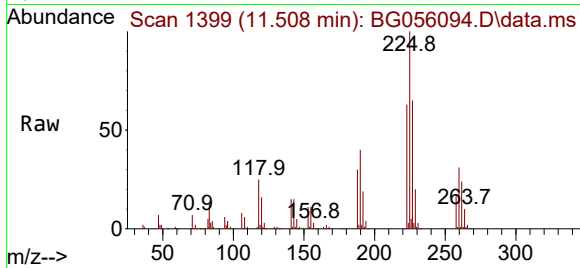




#33
Hexachlorobutadiene
Concen: 154.492 ng/ul
RT: 11.508 min Scan# 111
Delta R.T. 0.000 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

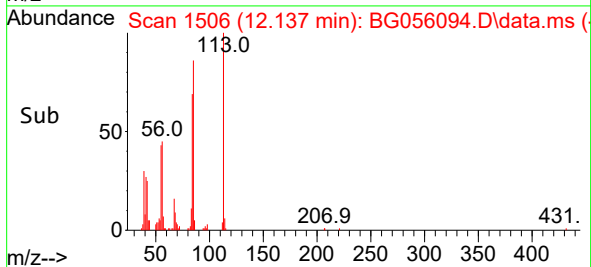
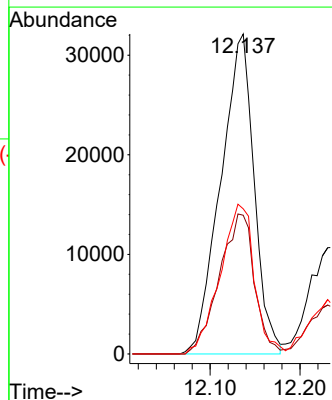
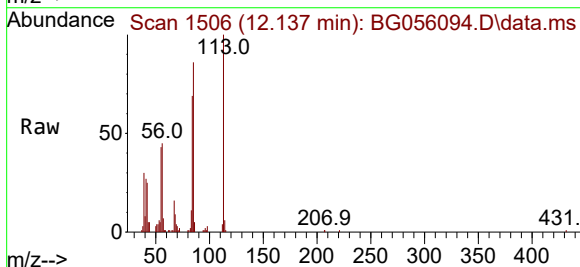
Instrument :
BNA_G
ClientSampleId :

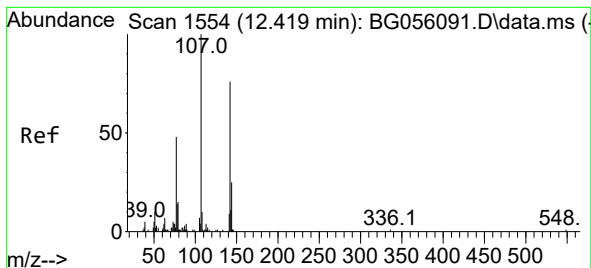
Tgt Ion:225 Resp: 435933
Ion Ratio Lower Upper
225 100
223 62.6 51.2 76.8
227 64.7 50.5 75.7



#34
Caprolactam
Concen: 91.205 ng/ul
RT: 12.137 min Scan# 1506
Delta R.T. 0.059 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:113 Resp: 83055
Ion Ratio Lower Upper
113 100
55 43.4 28.0 42.0#
56 45.4 27.7 41.5#

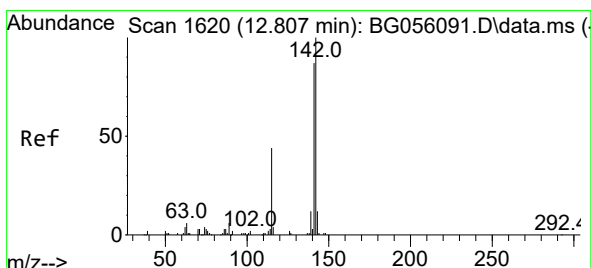
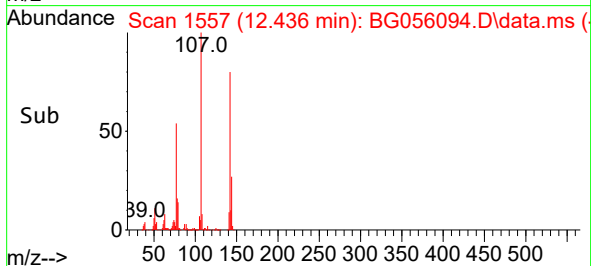
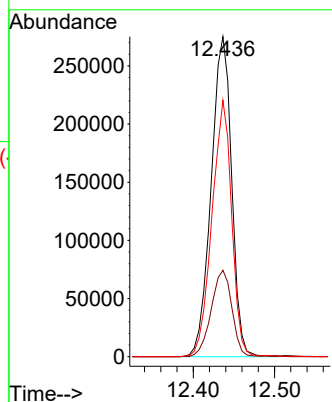
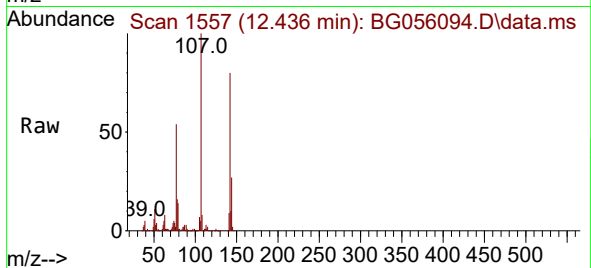




#35
4-Chloro-3-methylphenol
Concen: 166.816 ng/ul
RT: 12.436 min Scan# 1557
Delta R.T. 0.018 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

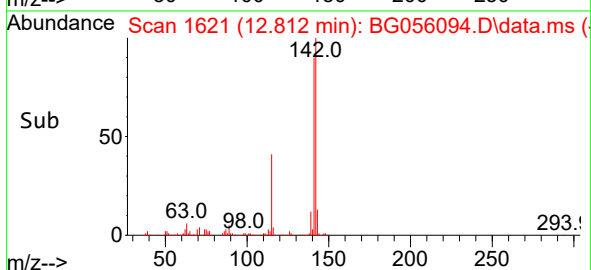
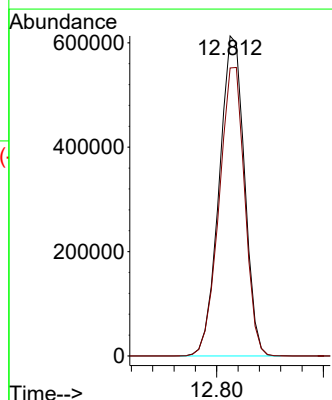
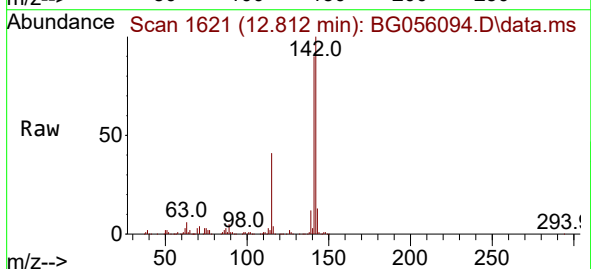
Instrument :
BNA_G
ClientSampleId :

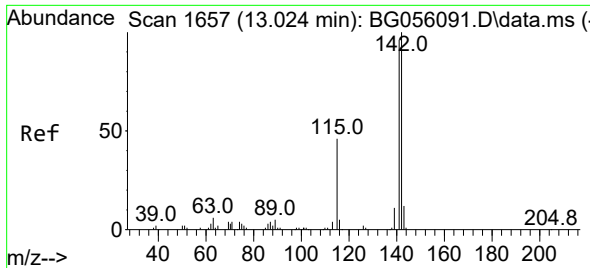
Tgt Ion:107 Resp: 482555
Ion Ratio Lower Upper
107 100
144 27.0 20.0 30.0
142 80.1 60.7 91.1



#36
2-Methylnaphthalene
Concen: 162.067 ng/ul
RT: 12.812 min Scan# 1621
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:142 Resp: 1009346
Ion Ratio Lower Upper
142 100
141 90.0 69.8 104.6

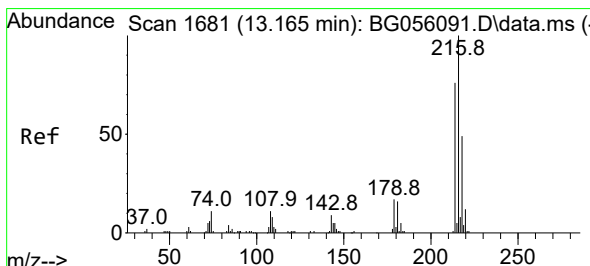
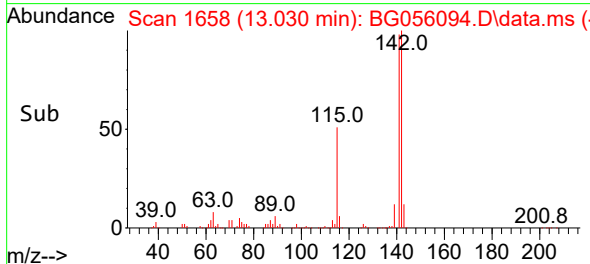
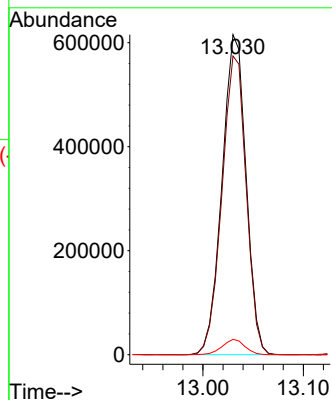
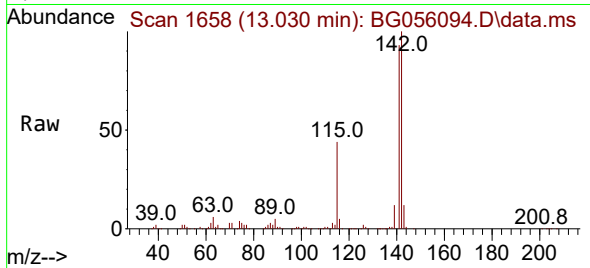




#37
1-Methylnaphthalene
Concen: 163.141 ng/ul
RT: 13.030 min Scan# 1658
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

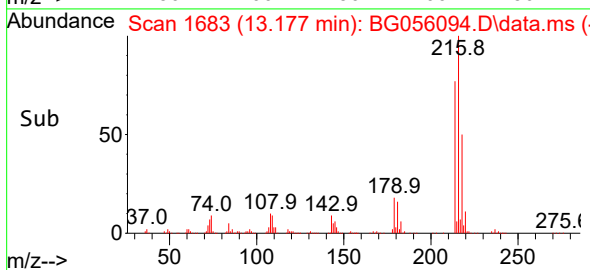
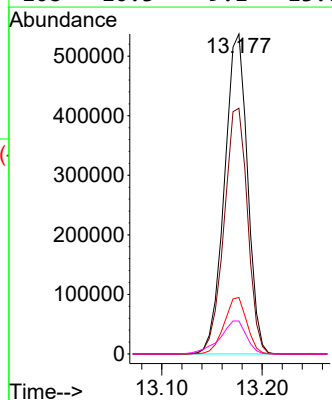
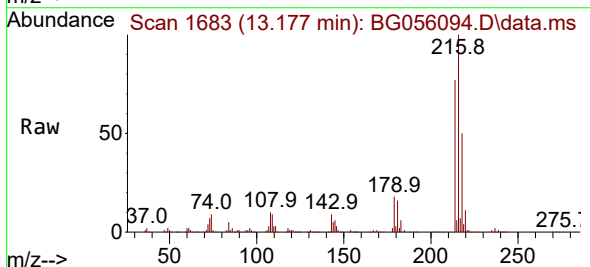
Instrument :
BNA_G
ClientSampleId :

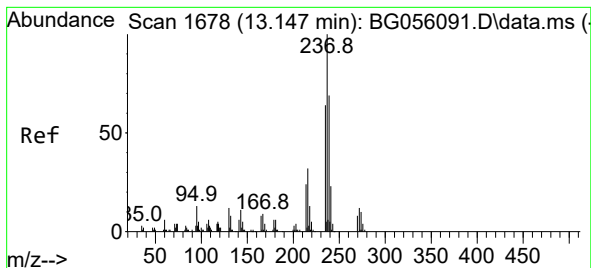
Tgt Ion:142 Resp: 1023548
Ion Ratio Lower Upper
142 100
141 93.3 76.7 115.1
116 4.8 3.8 5.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 162.973 ng/ul
RT: 13.177 min Scan# 1683
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:216 Resp: 857591
Ion Ratio Lower Upper
216 100
214 76.8 61.0 91.4
179 17.6 13.4 20.0
108 10.3 9.1 13.7





#40

Hexachlorocyclopentadiene

Concen: 178.904 ng/ul

RT: 13.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

Instrument :

BNA_G

ClientSampleId :

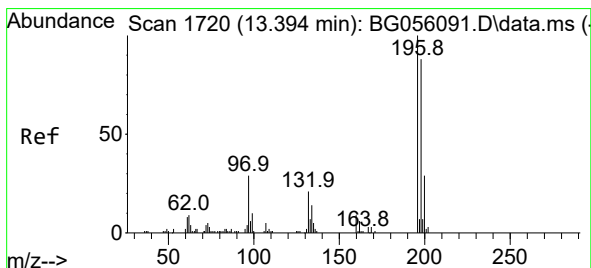
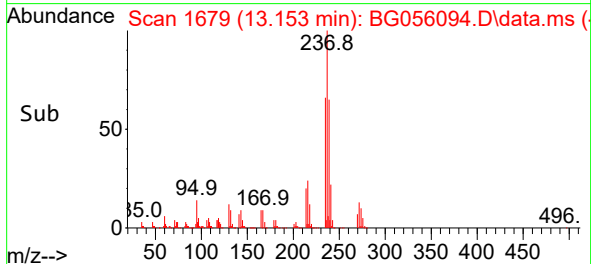
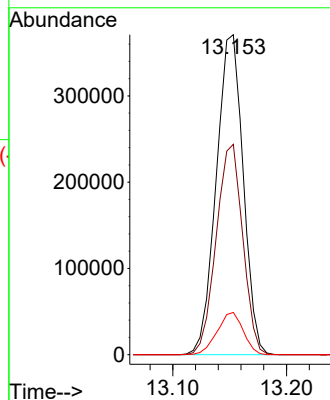
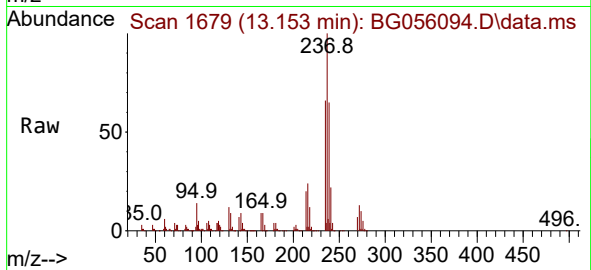
Tgt Ion:237 Resp: 610405

Ion Ratio Lower Upper

237 100

235 65.7 52.0 78.0

272 14.2 9.9 14.9



#41

2,4,6-Trichlorophenol

Concen: 175.410 ng/ul

RT: 13.406 min Scan# 1722

Delta R.T. 0.012 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

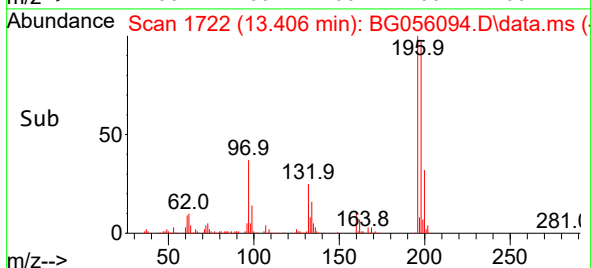
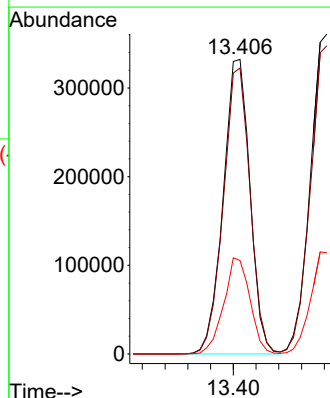
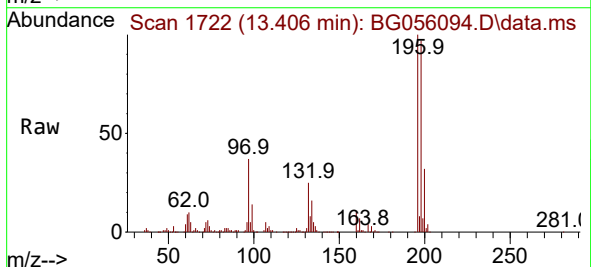
Tgt Ion:196 Resp: 544036

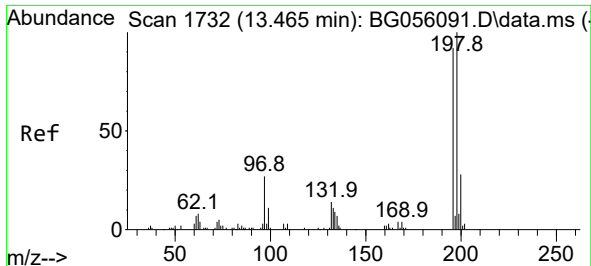
Ion Ratio Lower Upper

196 100

198 97.1 70.2 105.4

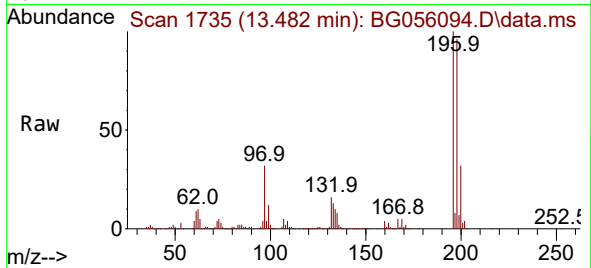
200 31.7 23.4 35.2



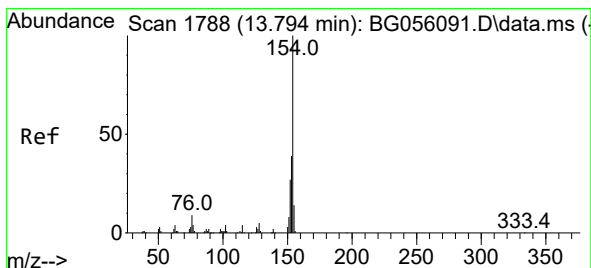
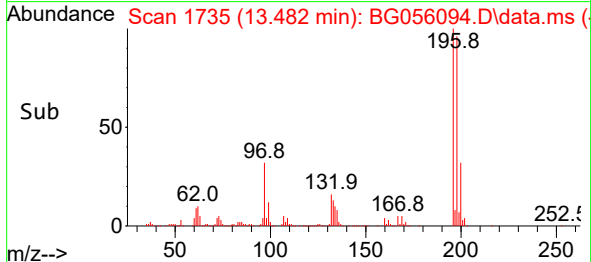
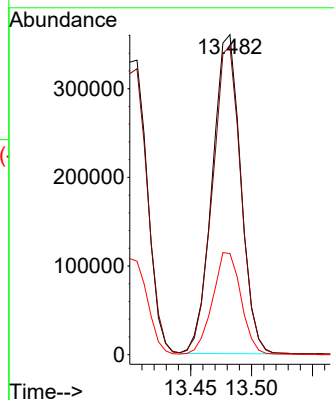


#42
 2,4,5-Trichlorophenol
 Concen: 173.965 ng/ul
 RT: 13.482 min Scan# 1735
 Delta R.T. 0.018 min
 Lab File: BG056094.D
 Acq: 24 Dec 2022 17:48

Instrument :
 BNA_G
 ClientSampleId :

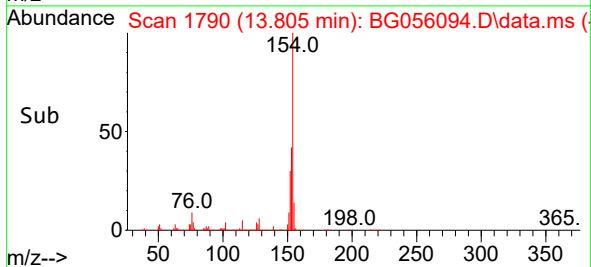
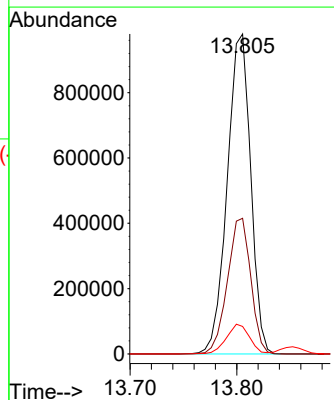
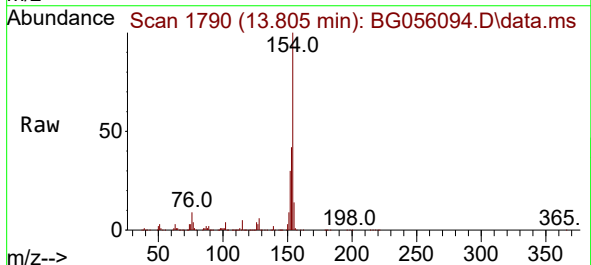


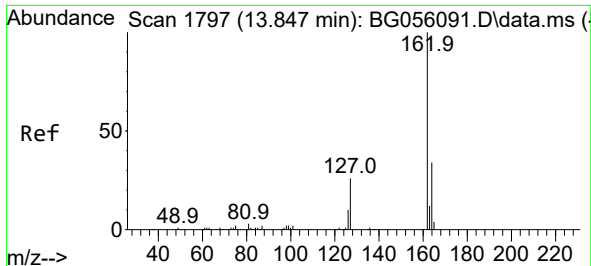
Tgt Ion:196 Resp: 585014
 Ion Ratio Lower Upper
 196 100
 198 96.3 87.4 131.2
 200 31.6 25.0 37.6



#43
 1,1'-Biphenyl
 Concen: 166.230 ng/ul
 RT: 13.805 min Scan# 1790
 Delta R.T. 0.012 min
 Lab File: BG056094.D
 Acq: 24 Dec 2022 17:48

Tgt Ion:154 Resp: 1499474
 Ion Ratio Lower Upper
 154 100
 153 42.4 31.3 46.9
 76 8.6 7.4 11.0

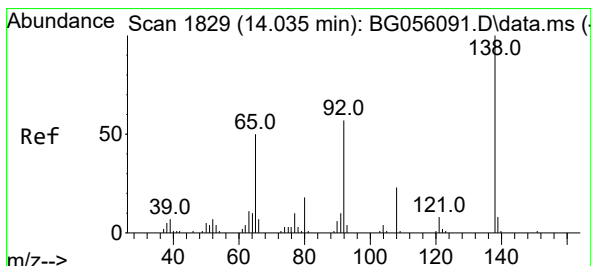
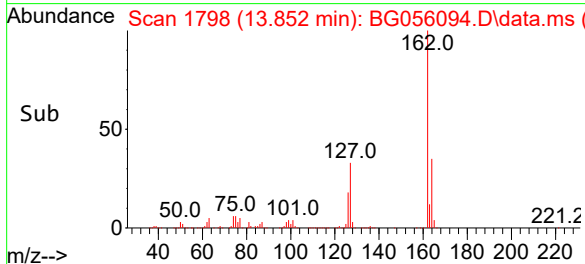
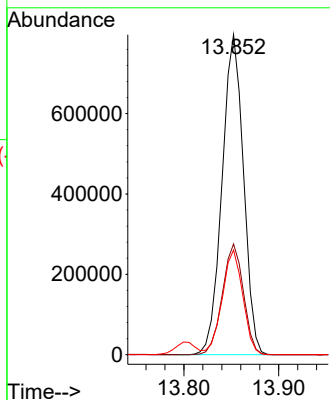
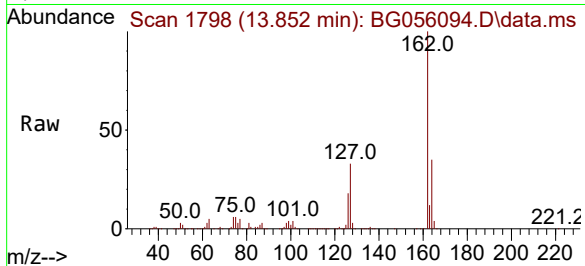




#44
2-Chloronaphthalene
Concen: 167.333 ng/ul
RT: 13.852 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

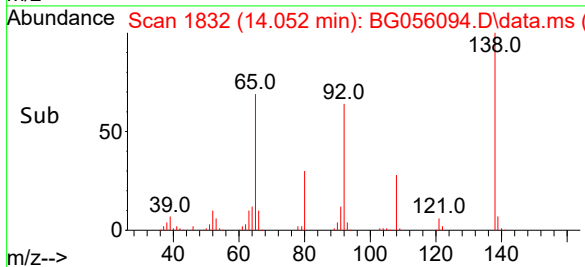
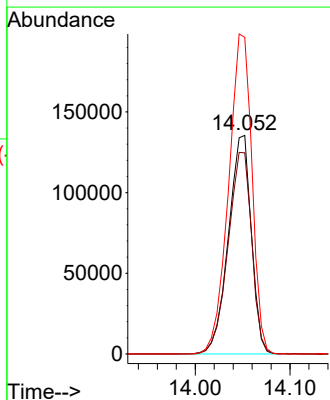
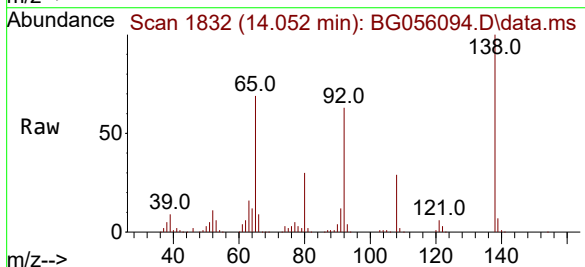
Instrument :
BNA_G
ClientSampleId :

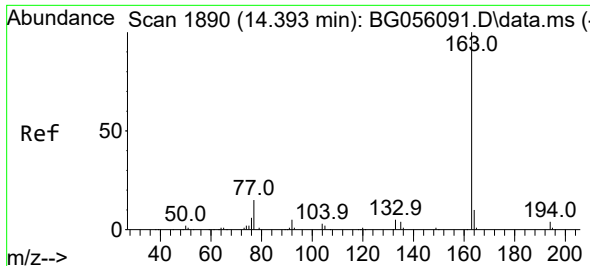
Tgt Ion:162 Resp: 1251114
Ion Ratio Lower Upper
162 100
164 34.6 27.0 40.4
127 32.7 23.4 35.2



#45
2-Nitroaniline
Concen: 219.802 ng/ul
RT: 14.052 min Scan# 1832
Delta R.T. 0.018 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion: 65 Resp: 228216
Ion Ratio Lower Upper
65 100
92 92.0 92.6 138.8#
138 144.9 162.2 243.4#

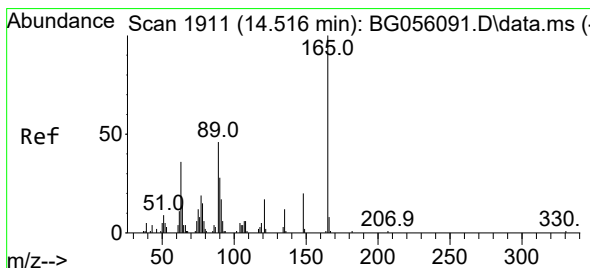
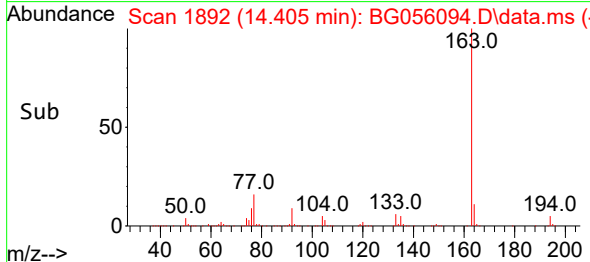
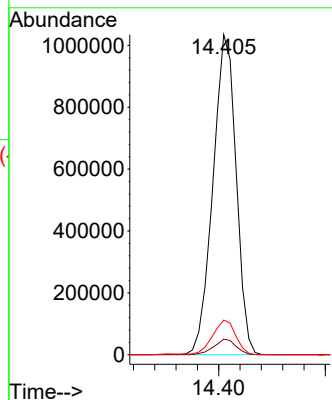
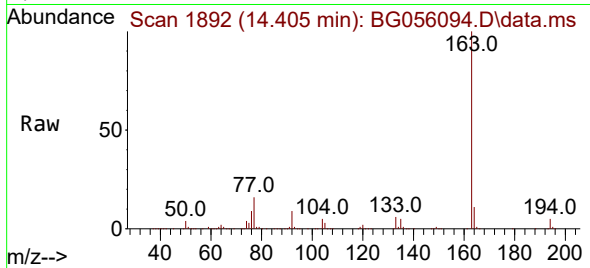




#47
Dimethylphthalate
Concen: 159.141 ng/ul
RT: 14.405 min Scan# 1890
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

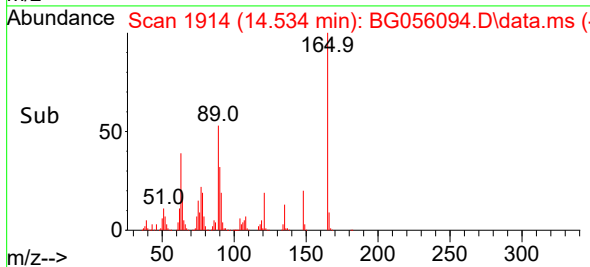
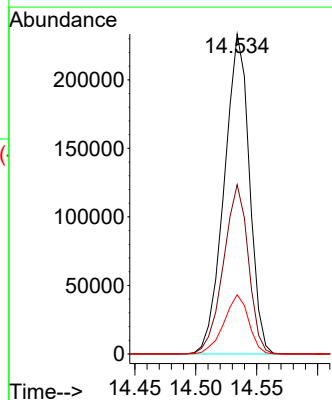
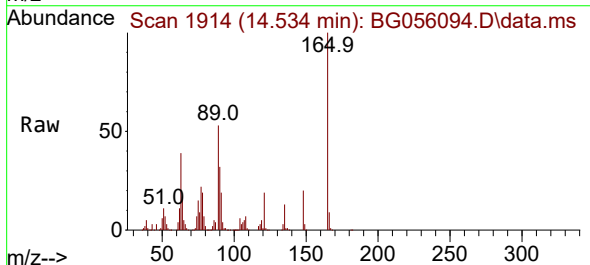
Instrument :
BNA_G
ClientSampleId :

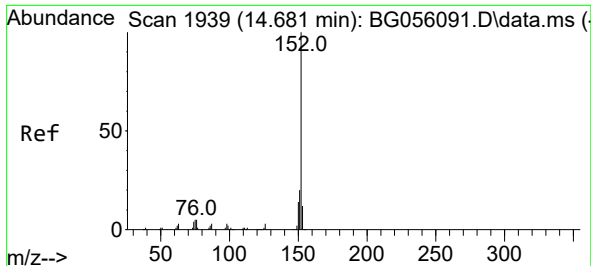
Tgt Ion:163 Resp: 1558382
Ion Ratio Lower Upper
163 100
194 4.9 3.2 4.8#
164 10.8 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 173.716 ng/ul
RT: 14.534 min Scan# 1914
Delta R.T. 0.018 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:165 Resp: 335770
Ion Ratio Lower Upper
165 100
89 52.9 37.0 55.6
121 18.5 13.6 20.4

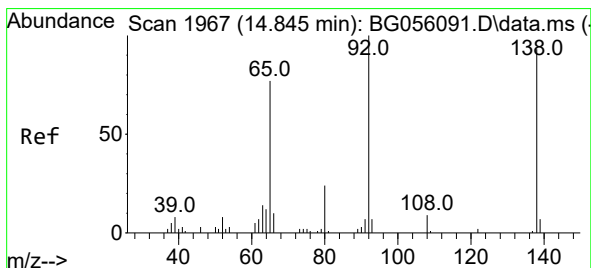
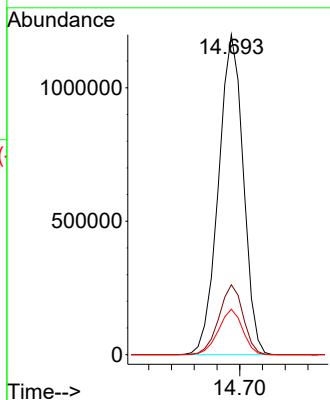
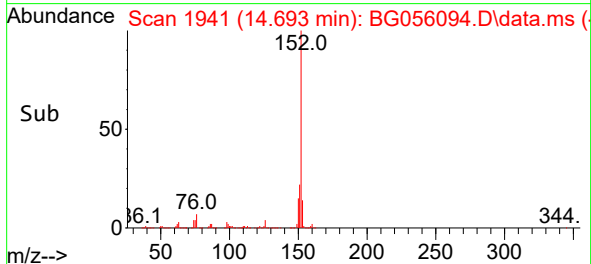
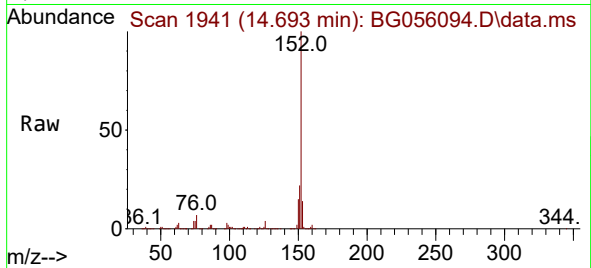




#50
Acenaphthylene
Concen: 164.139 ng/ul
RT: 14.693 min Scan# 1941
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

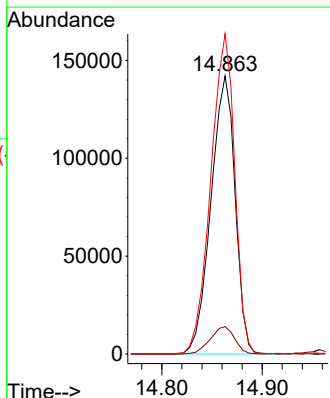
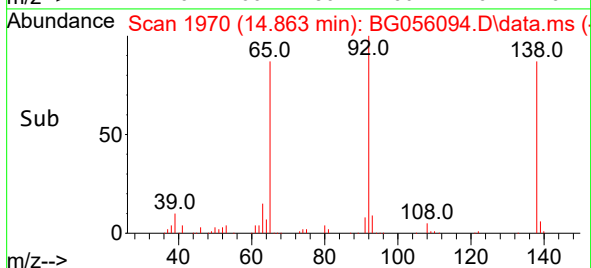
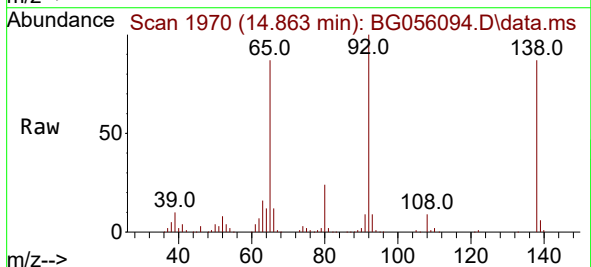
Instrument :
BNA_G
ClientSampleId :

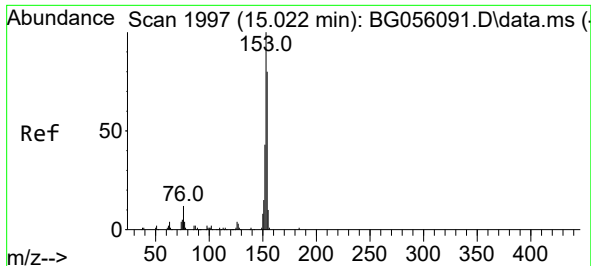
Tgt Ion:152 Resp: 1819148
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.2
153 14.2 9.7 14.5



#51
3-Nitroaniline
Concen: 163.430 ng/ul
RT: 14.863 min Scan# 1970
Delta R.T. 0.018 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

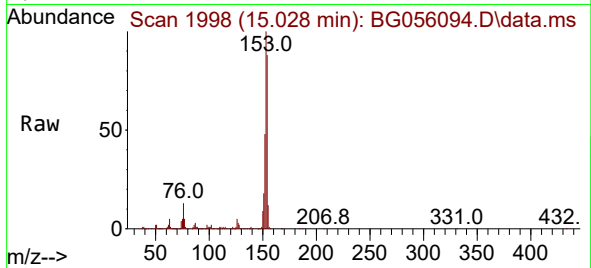
Tgt Ion:138 Resp: 237280
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 115.1 86.3 129.5



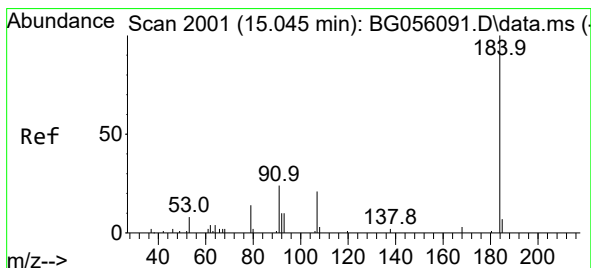
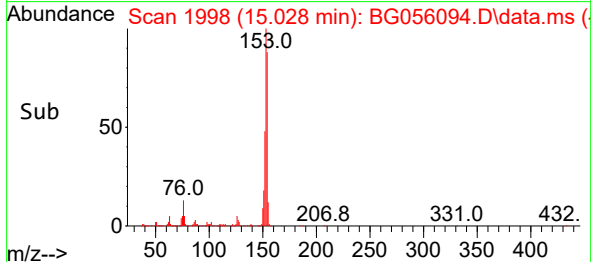
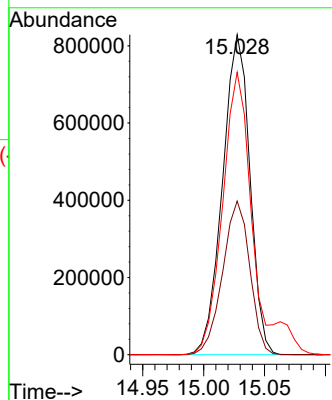


#52
Acenaphthene
Concen: 166.561 ng/ul
RT: 15.028 min Scan# 1997
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Instrument :
BNA_G
ClientSampleId :

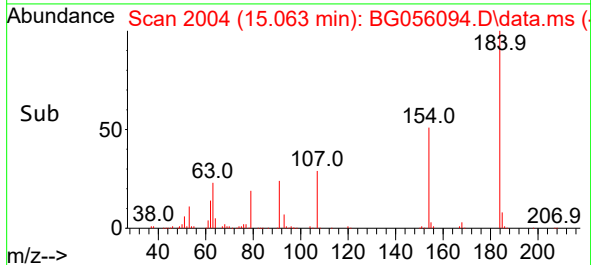
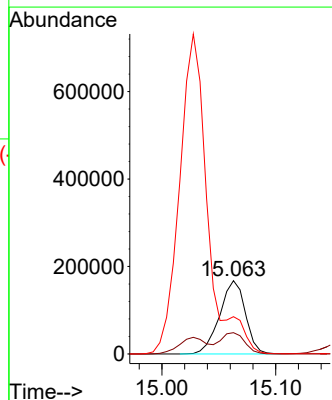
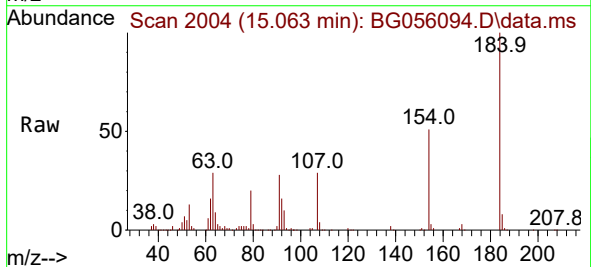


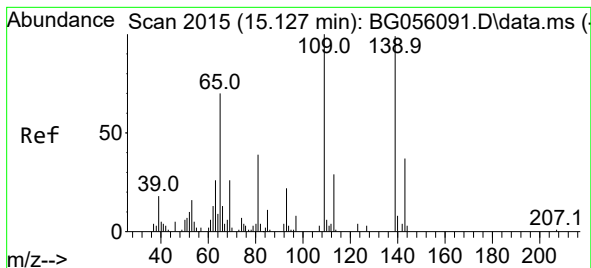
Tgt Ion:153 Resp: 1296816
Ion Ratio Lower Upper
153 100
152 48.0 34.5 51.7
154 88.3 63.9 95.9



#53
2,4-Dinitrophenol
Concen: 175.128 ng/ul
RT: 15.063 min Scan# 2004
Delta R.T. 0.018 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

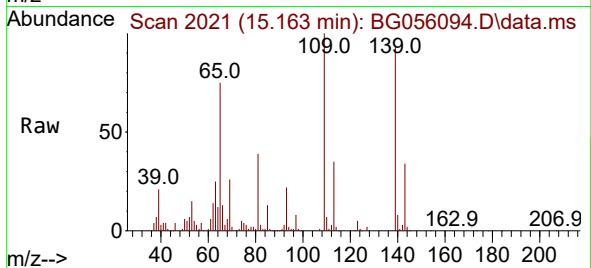
Tgt Ion:184 Resp: 263475
Ion Ratio Lower Upper
184 100
63 29.1 16.8 25.2#
154 50.9 47.1 70.7



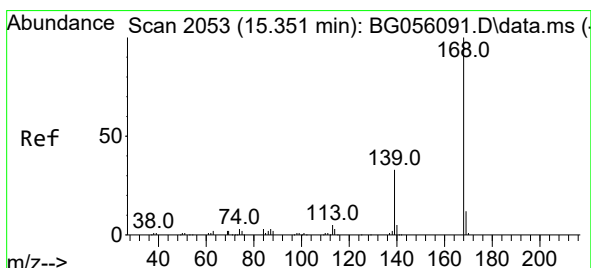
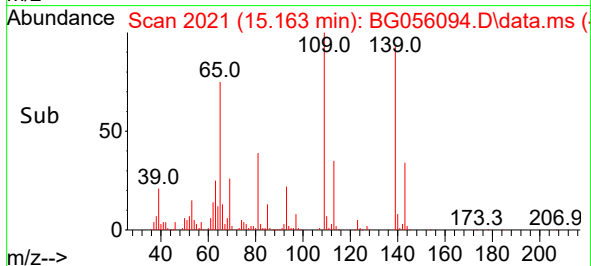
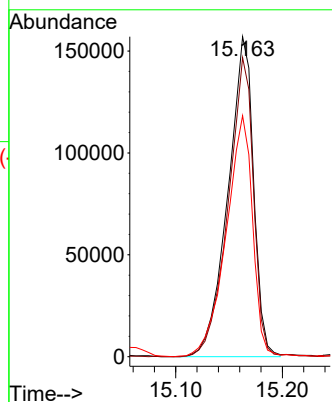


#55
4-Nitrophenol
Concen: 181.369 ng/ul
RT: 15.163 min Scan# 2015
Delta R.T. 0.035 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Instrument :
BNA_G
ClientSampleId :

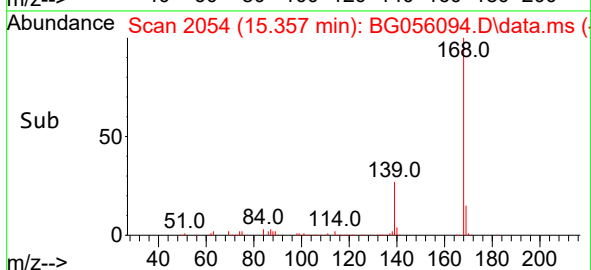
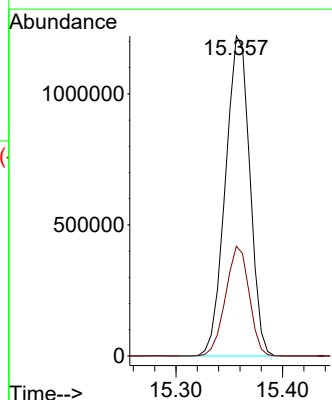
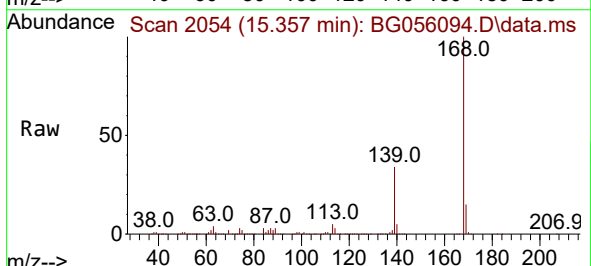


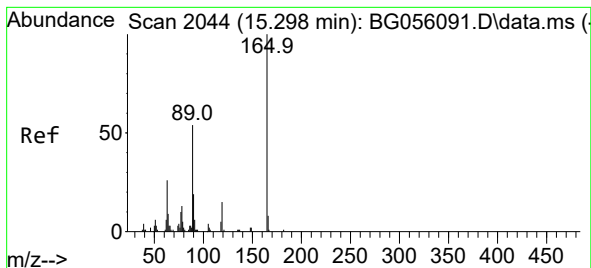
Tgt Ion:109 Resp: 262297
Ion Ratio Lower Upper
109 100
139 93.4 79.5 119.3
65 75.3 56.7 85.1



#56
Dibenzofuran
Concen: 158.927 ng/ul
RT: 15.357 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:168 Resp: 1936797
Ion Ratio Lower Upper
168 100
139 34.3 26.3 39.5





#57

2,4-Dinitrotoluene

Concen: 173.972 ng/ul

RT: 15.315 min Scan# 2044

Delta R.T. 0.018 min

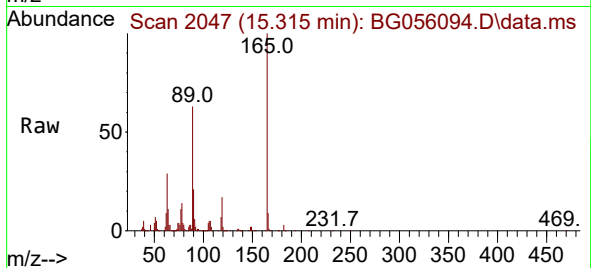
Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

Instrument :

BNA_G

ClientSampleId :



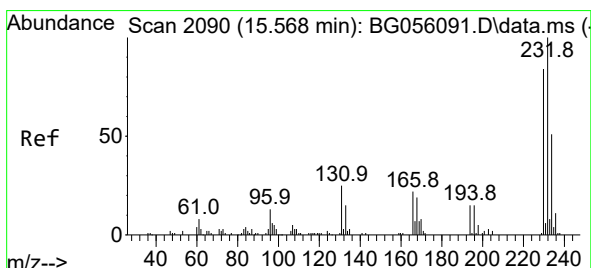
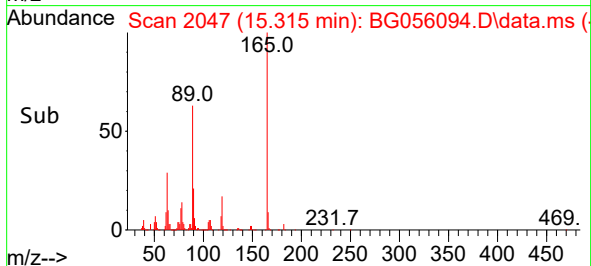
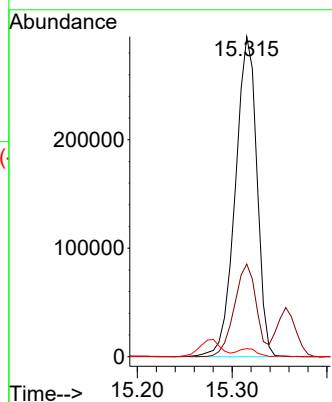
Tgt Ion:165 Resp: 466311

Ion Ratio Lower Upper

165 100

63 28.9 20.9 31.3

182 2.5 1.8 2.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 170.714 ng/ul

RT: 15.574 min Scan# 2091

Delta R.T. 0.006 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

Tgt Ion:232 Resp: 567468

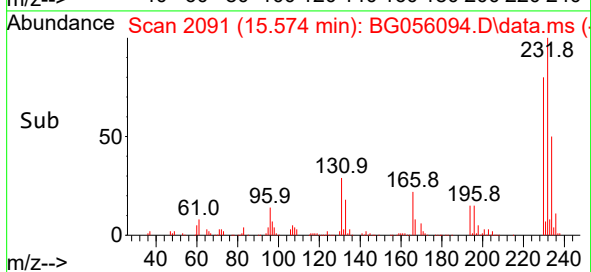
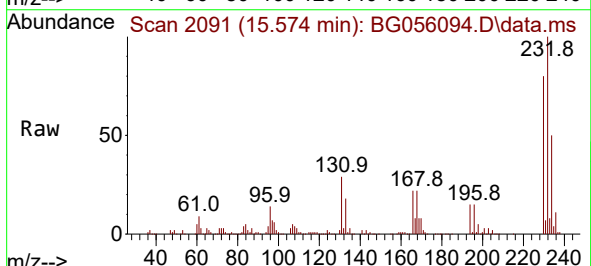
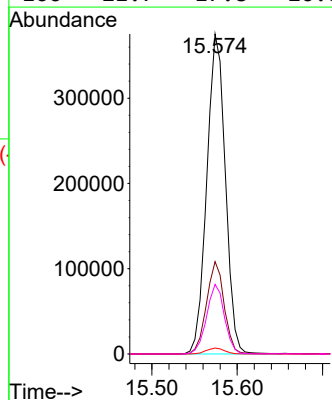
Ion Ratio Lower Upper

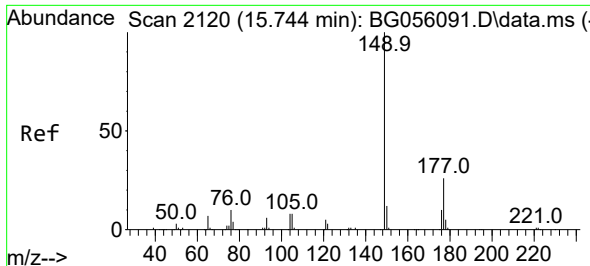
232 100

131 28.9 20.2 30.4

130 1.9 1.0 1.6#

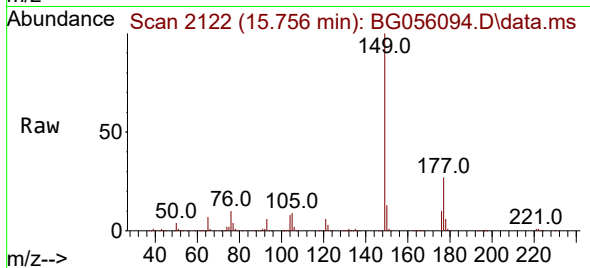
166 21.7 17.8 26.8



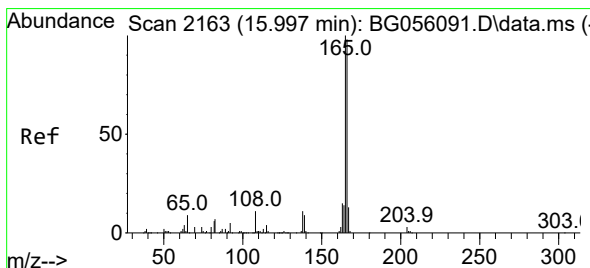
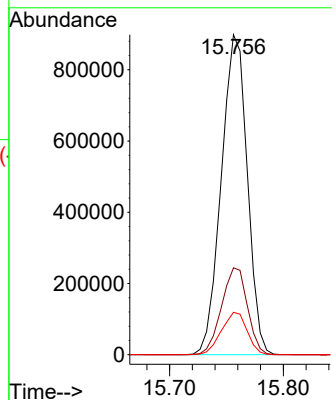
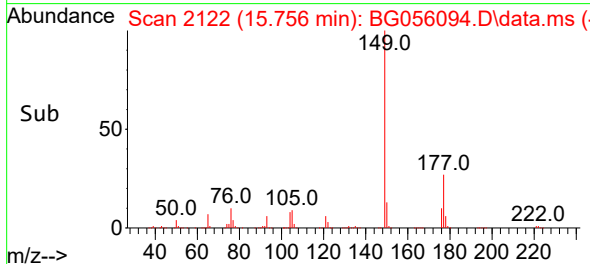


#59
Diethylphthalate
Concen: 163.074 ng/ul
RT: 15.756 min Scan# 2122
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

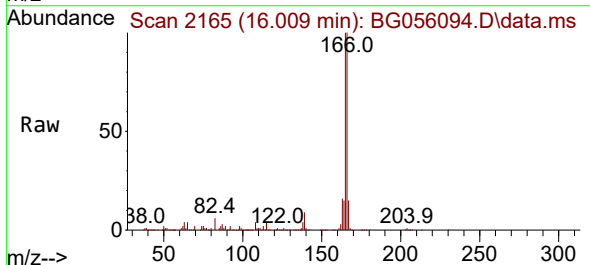
Instrument :
BNA_G
ClientSampleId :



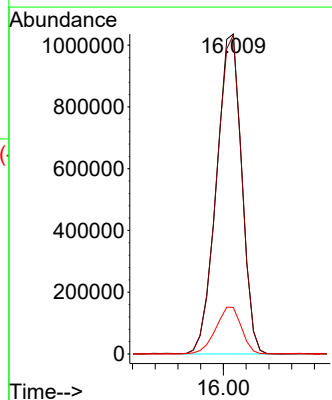
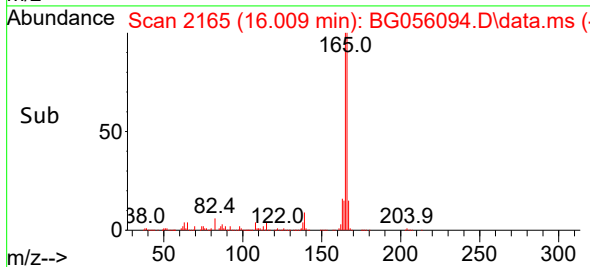
Tgt Ion:149 Resp: 1426679
Ion Ratio Lower Upper
149 100
177 27.1 20.5 30.7
150 13.2 9.8 14.8

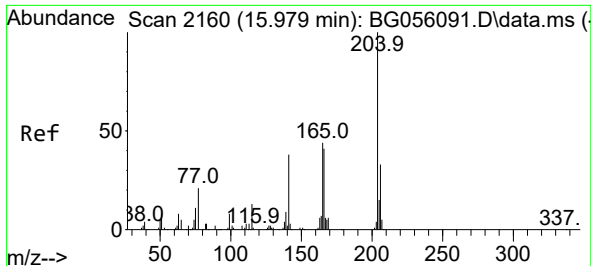


#61
Fluorene
Concen: 159.695 ng/ul
RT: 16.009 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48



Tgt Ion:166 Resp: 1598666
Ion Ratio Lower Upper
166 100
165 99.7 81.8 122.8
167 14.6 10.9 16.3

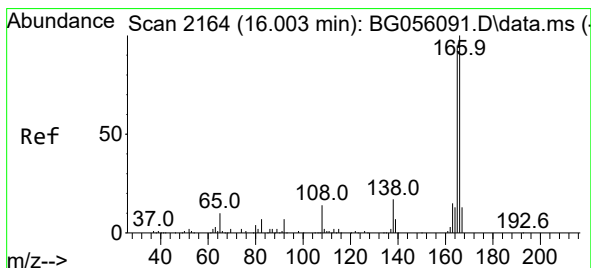
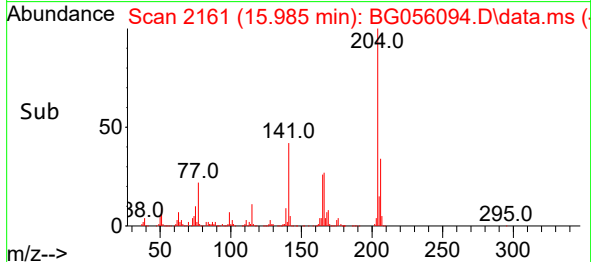
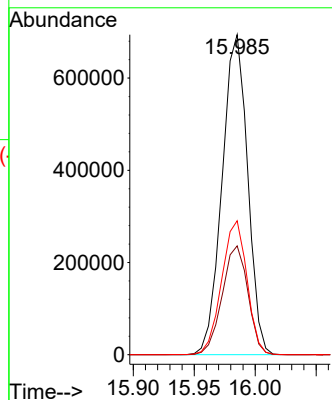
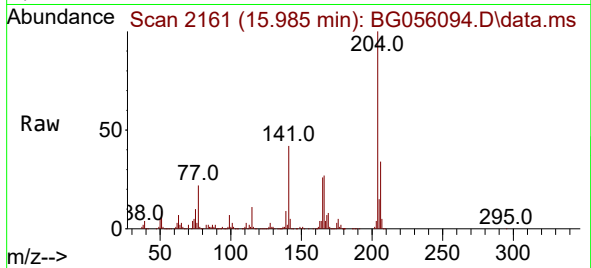




#62
4-Chlorophenyl-phenylether
Concen: 155.609 ng/ul
RT: 15.985 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

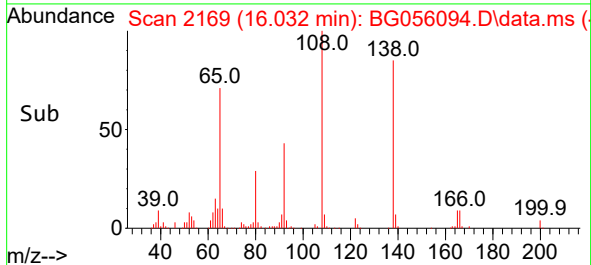
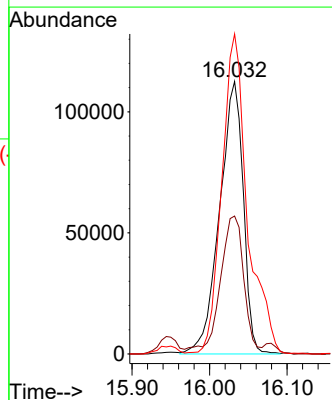
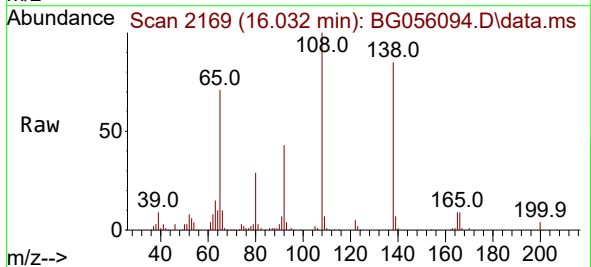
Instrument :
BNA_G
ClientSampleId :

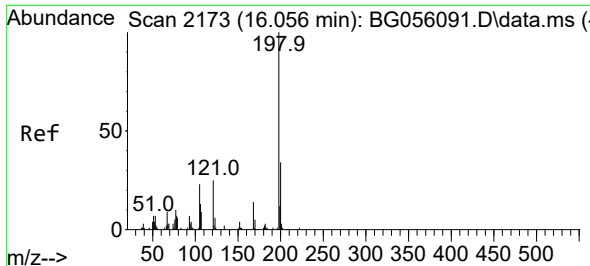
Tgt Ion:204 Resp: 1011992
Ion Ratio Lower Upper
204 100
206 34.0 26.3 39.5
141 41.8 30.5 45.7



#63
4-Nitroaniline
Concen: 172.617 ng/ul
RT: 16.032 min Scan# 2169
Delta R.T. 0.029 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:138 Resp: 239140
Ion Ratio Lower Upper
138 100
92 50.6 32.6 49.0#
108 117.4 66.3 99.5#

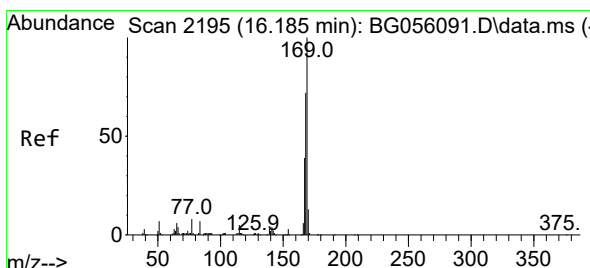
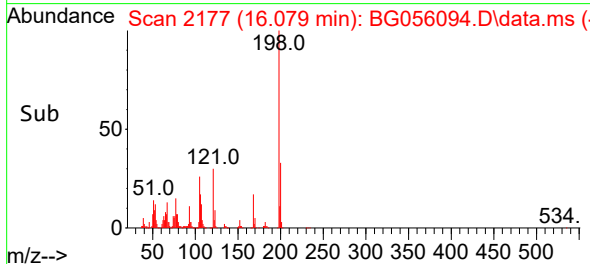
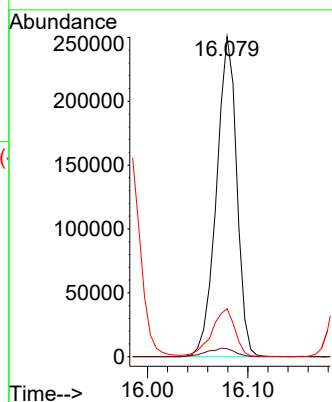
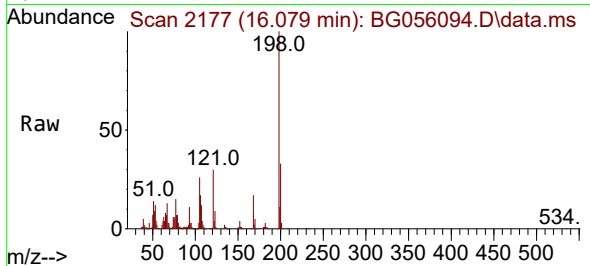




#66
4,6-Dinitro-2-methylphenol
Concen: 173.857 ng/ul
RT: 16.079 min Scan# 2177
Delta R.T. 0.024 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

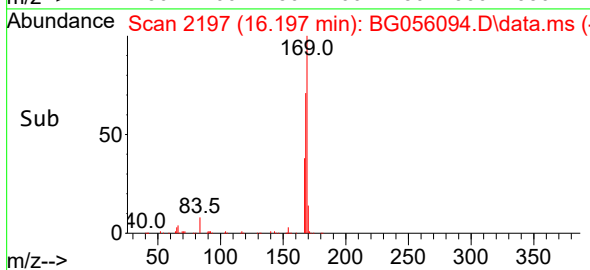
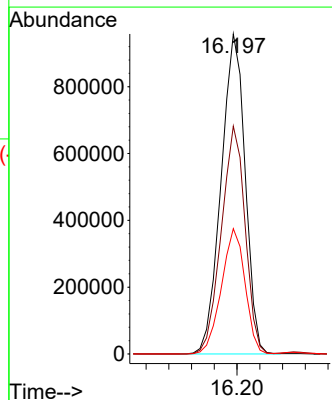
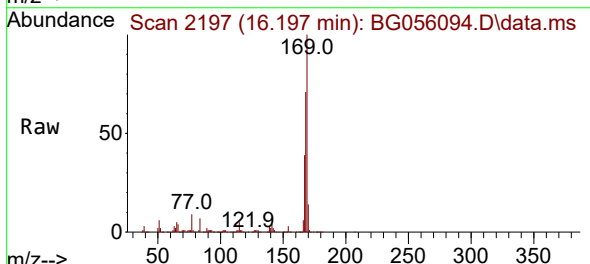
Instrument :
BNA_G
ClientSampleId :

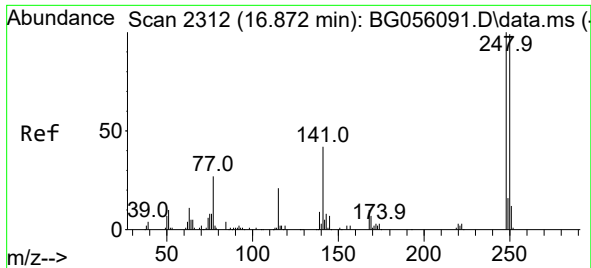
Tgt Ion:198 Resp: 351926
Ion Ratio Lower Upper
198 100
182 2.5 2.1 3.1
77 15.0 8.2 12.2#



#67
N-Nitrosodiphenylamine
Concen: 169.065 ng/ul
RT: 16.197 min Scan# 2197
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:169 Resp: 1406896
Ion Ratio Lower Upper
169 100
168 71.2 57.4 86.0
167 39.2 31.1 46.7

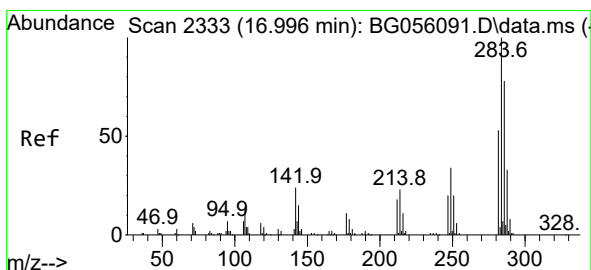
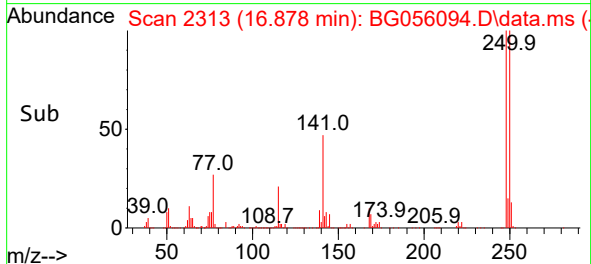
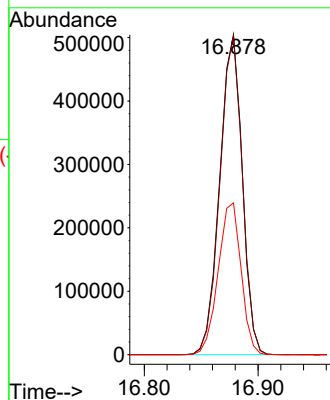
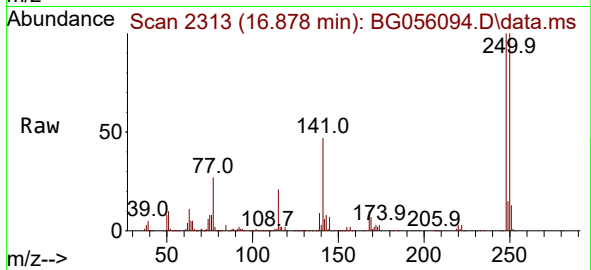




#68
4-Bromophenyl-phenylether
Concen: 167.162 ng/ul
RT: 16.878 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

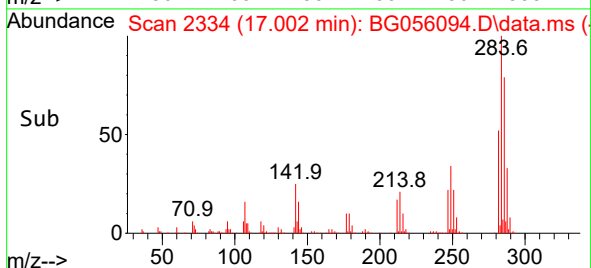
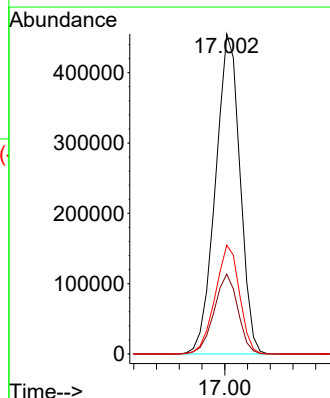
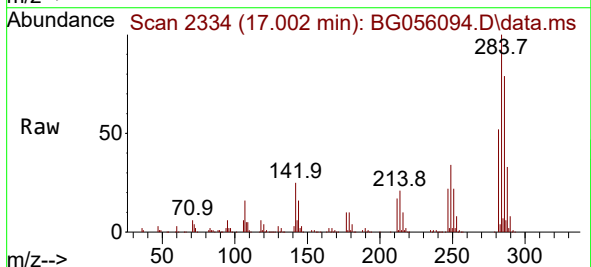
Instrument :
BNA_G
ClientSampleId :

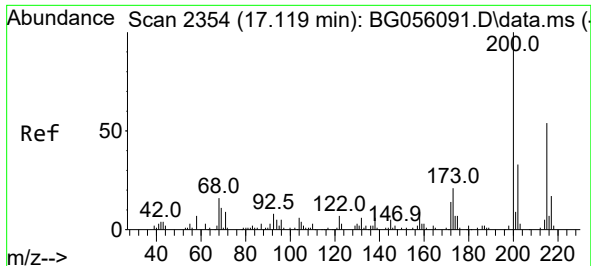
Tgt Ion:248 Resp: 696042
Ion Ratio Lower Upper
248 100
250 99.7 79.4 119.2
141 47.4 33.9 50.9



#69
Hexachlorobenzene
Concen: 169.118 ng/ul
RT: 17.002 min Scan# 2334
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:284 Resp: 681547
Ion Ratio Lower Upper
284 100
142 23.3 18.1 27.1
249 31.8 25.2 37.8

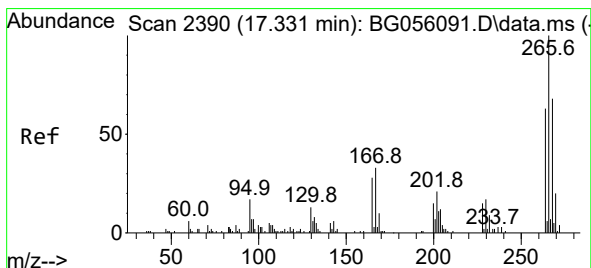
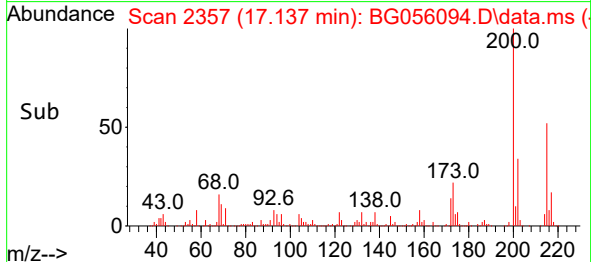
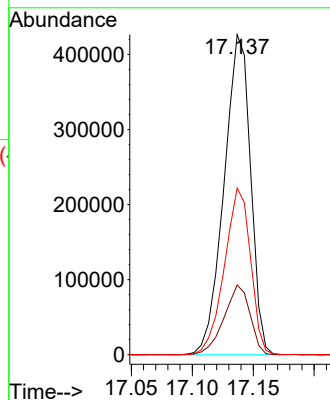
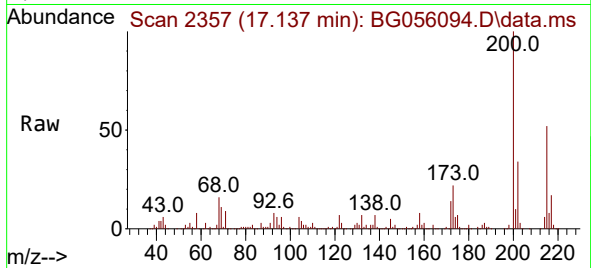




#70
 Atrazine
 Concen: 162.242 ng/ul
 RT: 17.137 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BG056094.D
 Acq: 24 Dec 2022 17:48

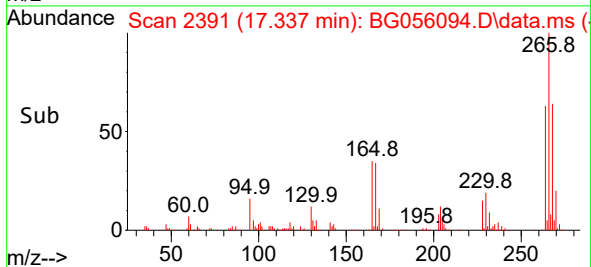
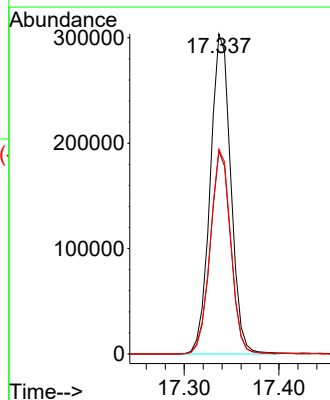
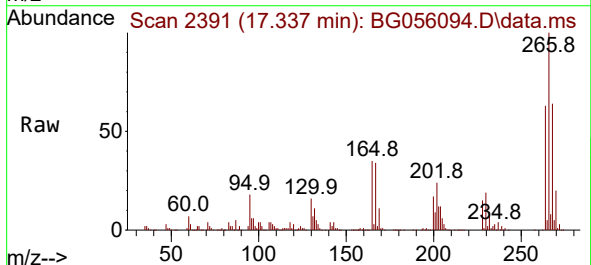
Instrument :
 BNA_G
 ClientSampleId :

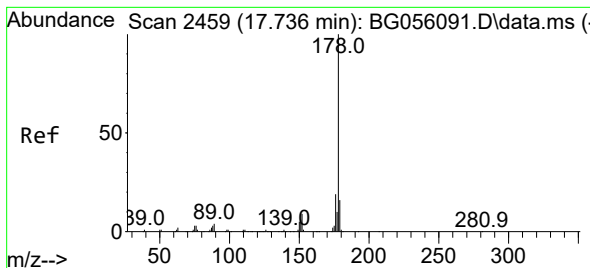
Tgt Ion:200 Resp: 643741
 Ion Ratio Lower Upper
 200 100
 173 21.8 16.9 25.3
 215 52.1 42.8 64.2



#71
 Pentachlorophenol
 Concen: 178.341 ng/ul
 RT: 17.337 min Scan# 2391
 Delta R.T. 0.006 min
 Lab File: BG056094.D
 Acq: 24 Dec 2022 17:48

Tgt Ion:266 Resp: 456939
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.7 76.1
 268 64.0 58.3 87.5





#72

Phenanthrene

Concen: 156.822 ng/ul

RT: 17.742 min Scan# 2459

Delta R.T. 0.006 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

Instrument :

BNA_G

ClientSampleId :

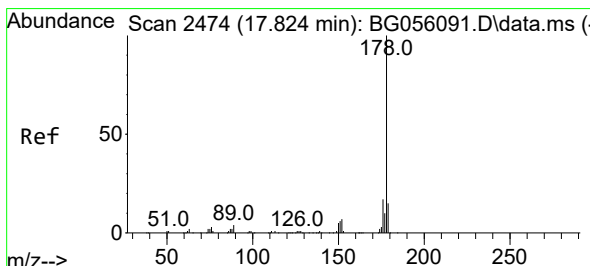
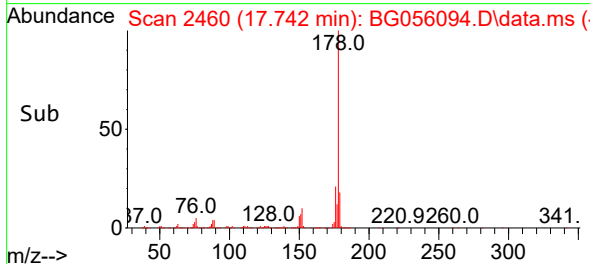
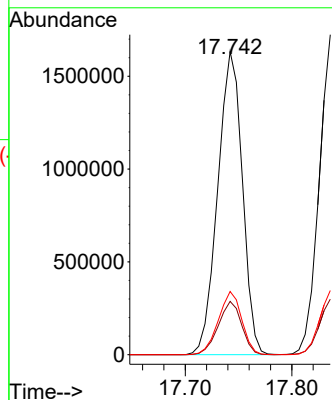
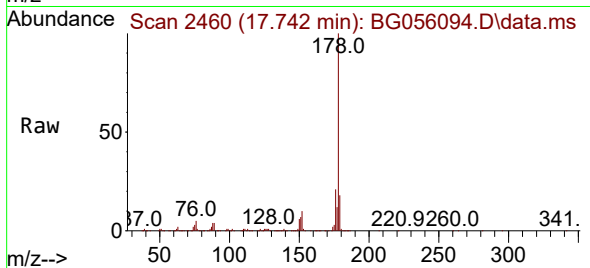
Tgt Ion:178 Resp: 2614789

Ion Ratio Lower Upper

178 100

179 17.6 12.7 19.1

176 20.9 15.0 22.4



#74

Anthracene

Concen: 154.018 ng/ul

RT: 17.836 min Scan# 2476

Delta R.T. 0.012 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

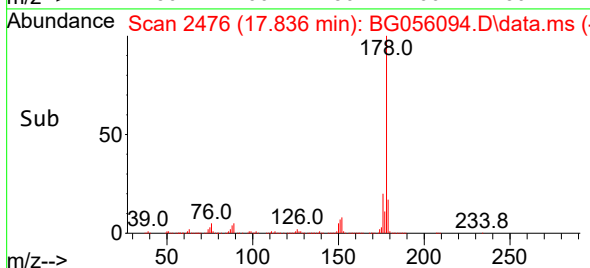
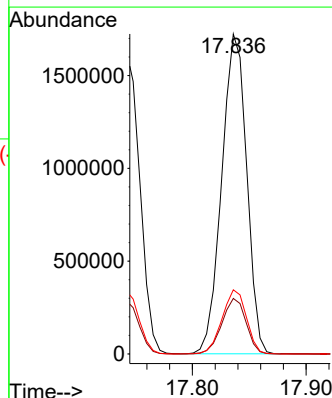
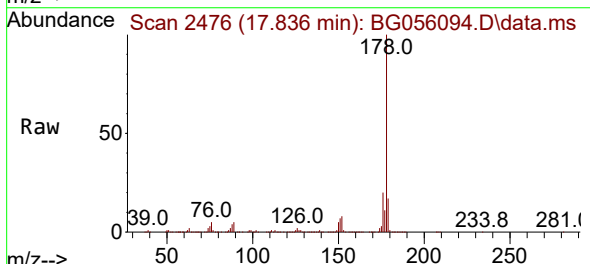
Tgt Ion:178 Resp: 2628879

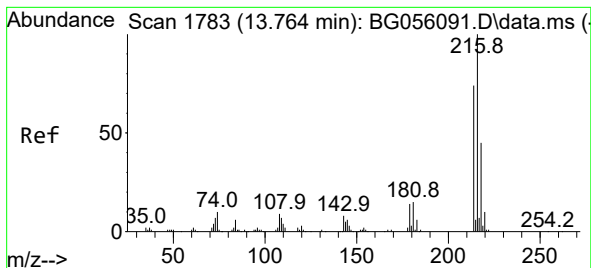
Ion Ratio Lower Upper

178 100

179 17.4 12.1 18.1

176 20.1 13.9 20.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 176.298 ng/uL

RT: 13.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

Instrument :

BNA_G

ClientSampleId :

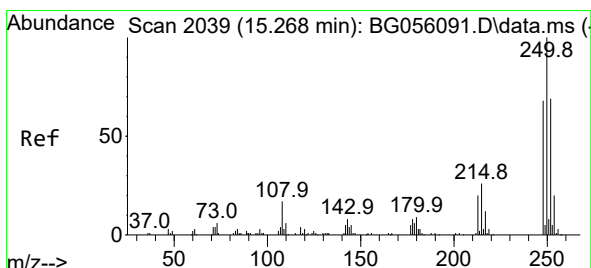
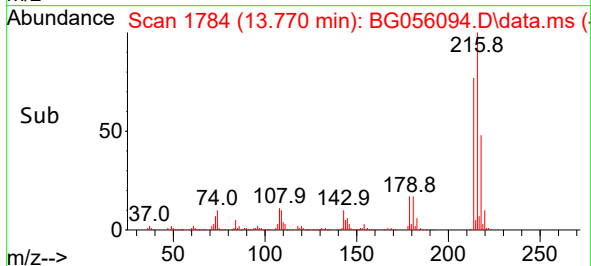
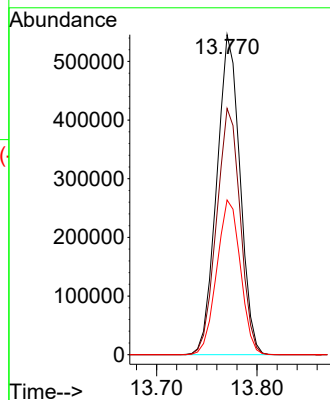
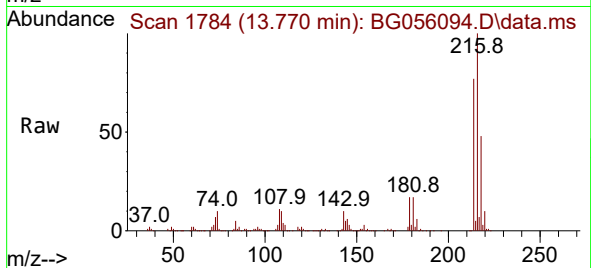
Tgt Ion:216 Resp: 878295

Ion Ratio Lower Upper

216 100

214 76.9 59.0 88.6

218 48.3 36.0 54.0



#76

Pentachlorobenzene

Concen: 174.386 ng/uL

RT: 15.280 min Scan# 2041

Delta R.T. 0.012 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

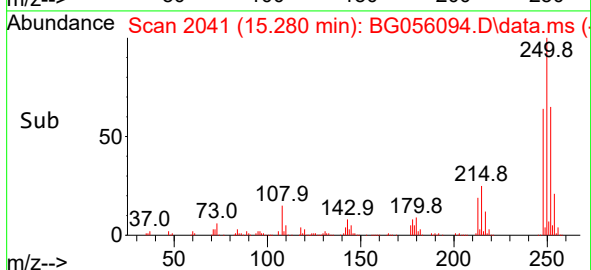
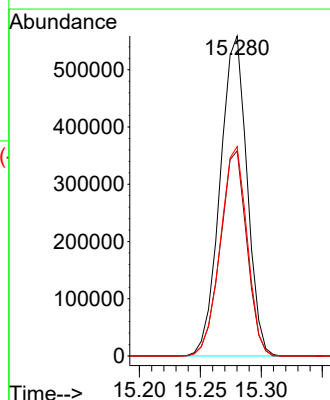
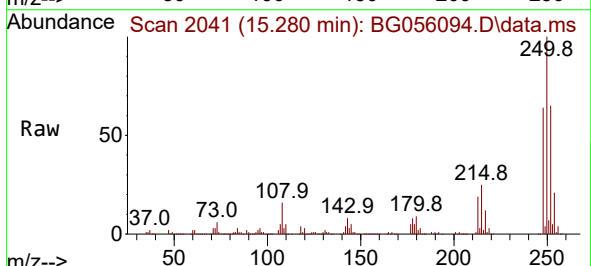
Tgt Ion:250 Resp: 857610

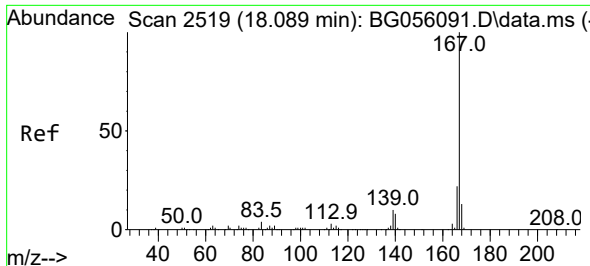
Ion Ratio Lower Upper

250 100

248 64.1 54.4 81.6

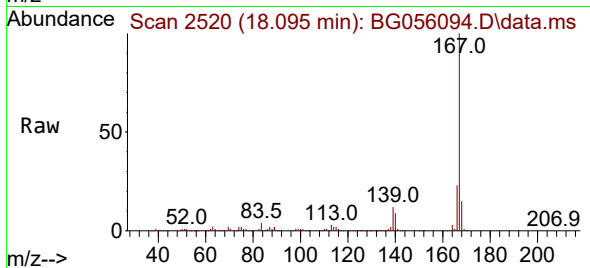
252 65.4 59.1 88.7



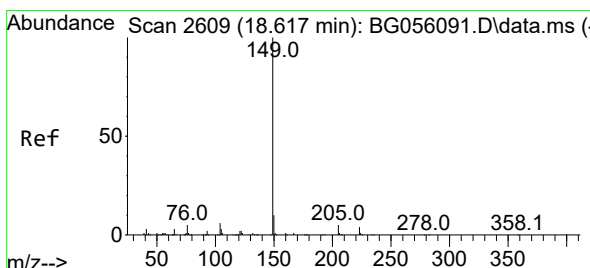
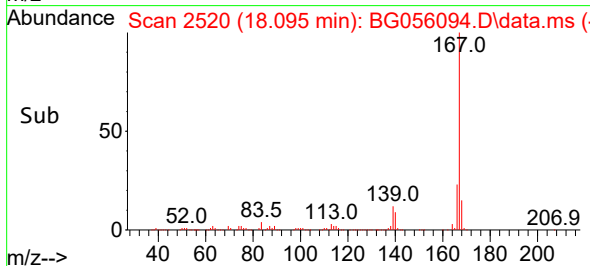
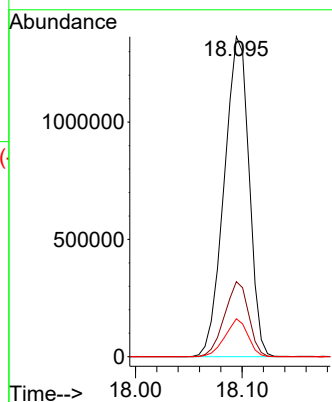


#77
Carbazole
Concen: 158.538 ng/ul
RT: 18.095 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Instrument :
BNA_G
ClientSampleId :

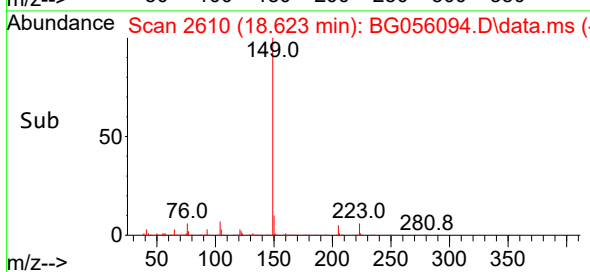
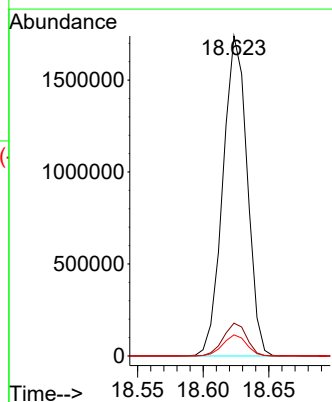
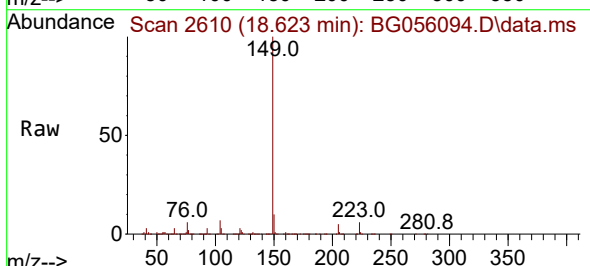


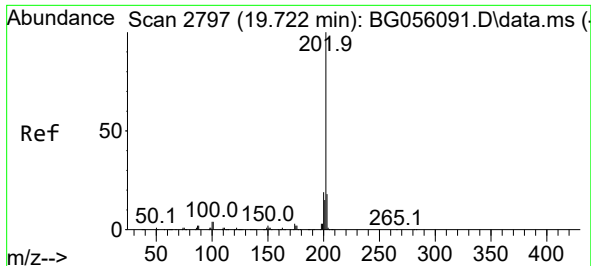
Tgt Ion:167 Resp: 2212361
Ion Ratio Lower Upper
167 100
166 23.5 17.4 26.0
139 11.9 8.3 12.5



#78
Di-n-butylphthalate
Concen: 175.534 ng/ul
RT: 18.623 min Scan# 2610
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:149 Resp: 2237985
Ion Ratio Lower Upper
149 100
150 10.3 7.8 11.6
104 6.6 4.6 7.0

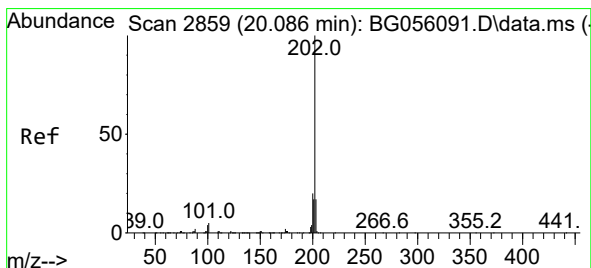
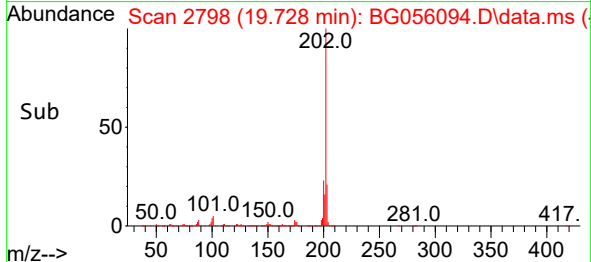
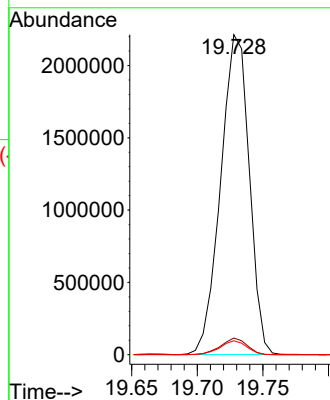
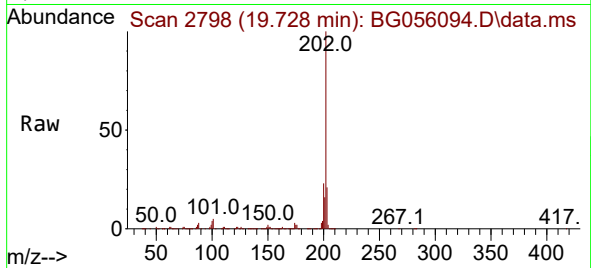




#80
Fluoranthene
Concen: 154.497 ng/ul
RT: 19.728 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

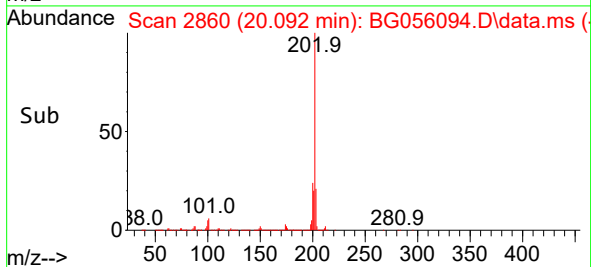
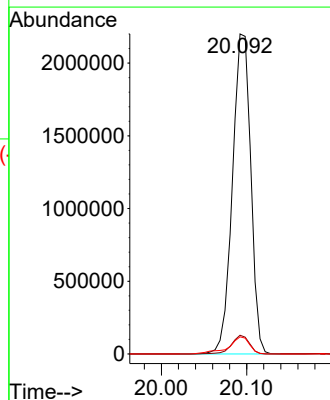
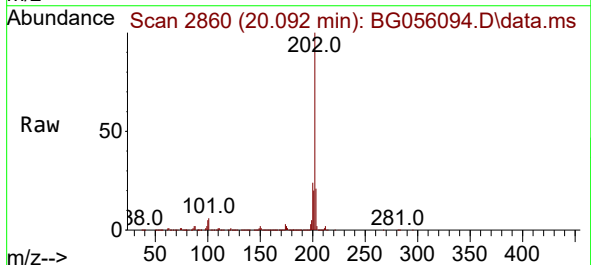
Instrument :
BNA_G
ClientSampleId :

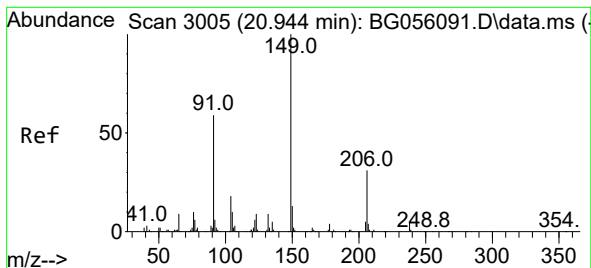
Tgt Ion:202 Resp: 3346813
Ion Ratio Lower Upper
202 100
101 5.2 3.2 4.8#
100 4.4 3.0 4.4



#82
Pyrene
Concen: 150.412 ng/ul
RT: 20.092 min Scan# 2860
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:202 Resp: 3286950
Ion Ratio Lower Upper
202 100
101 5.9 3.6 5.4#
100 5.3 3.3 4.9#





#83

Butylbenzylphthalate

Concen: 212.357 ng/ul

RT: 20.950 min Scan# 3006

Delta R.T. 0.006 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

Instrument :

BNA_G

ClientSampleId :

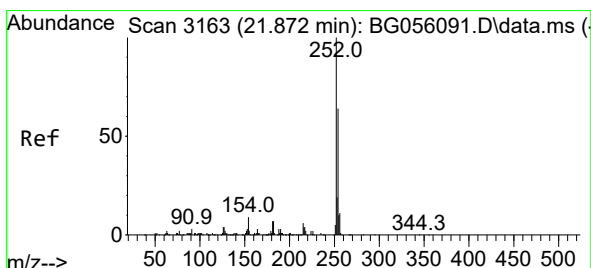
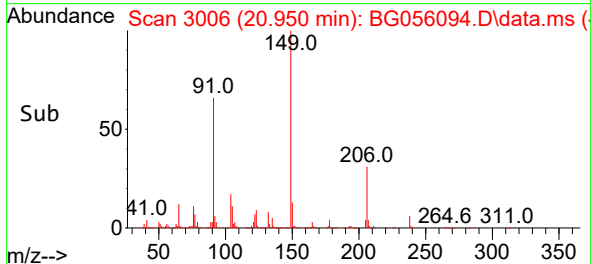
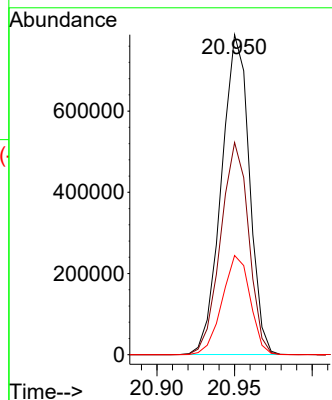
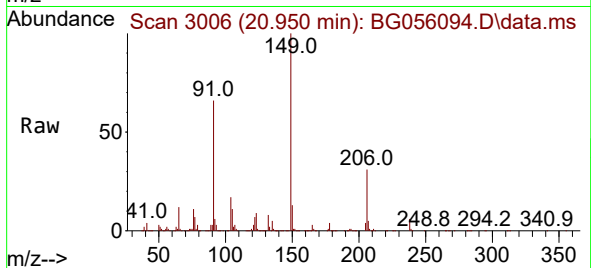
Tgt Ion:149 Resp: 987561

Ion Ratio Lower Upper

149 100

91 66.3 46.9 70.3

206 31.0 24.6 36.8



#84

3,3'-Dichlorobenzidine

Concen: 142.923 ng/ul

RT: 21.878 min Scan# 3164

Delta R.T. 0.006 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

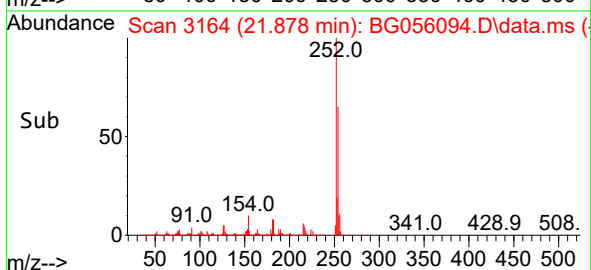
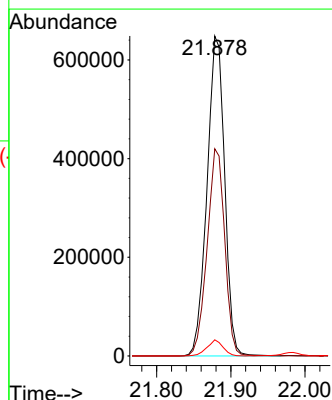
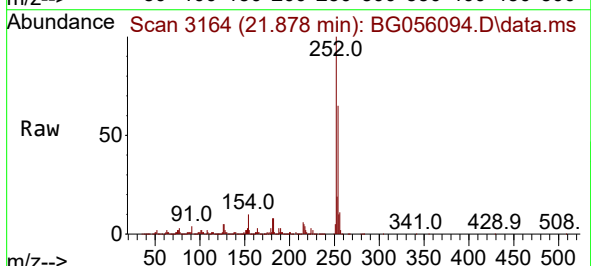
Tgt Ion:252 Resp: 1071166

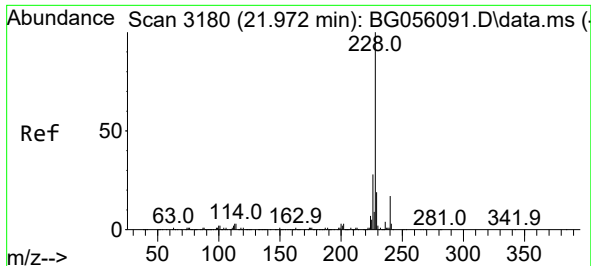
Ion Ratio Lower Upper

252 100

254 64.8 50.8 76.2

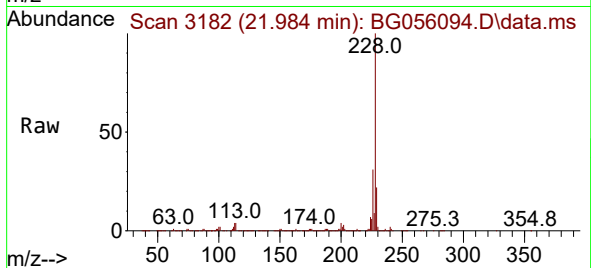
126 5.0 3.4 5.0



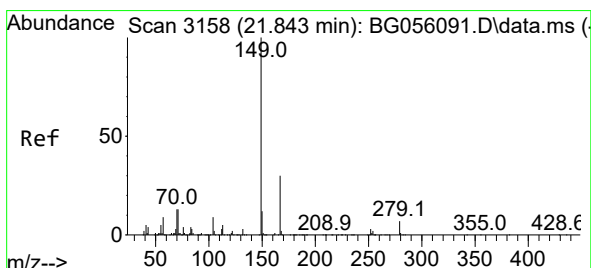
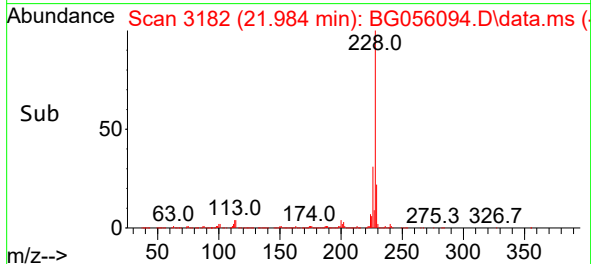
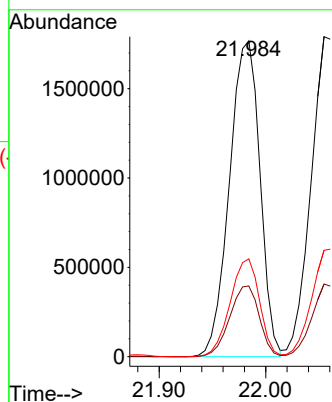


#85
Benzo(a)anthracene
Concen: 154.556 ng/ul
RT: 21.984 min Scan# 3182
Delta R.T. 0.012 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Instrument :
BNA_G
ClientSampleId :

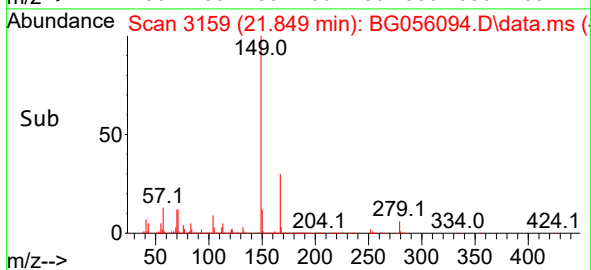
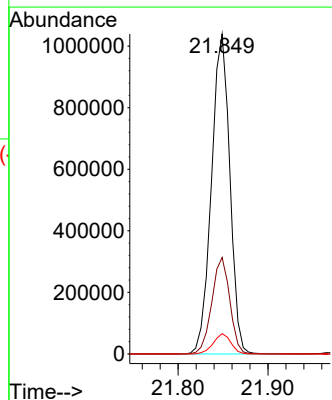
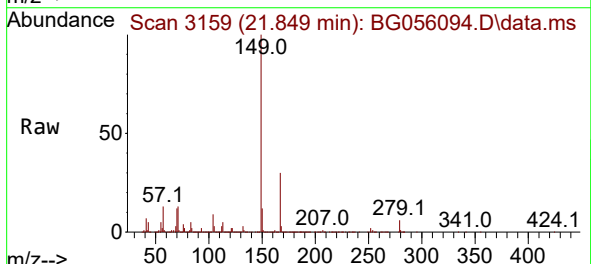


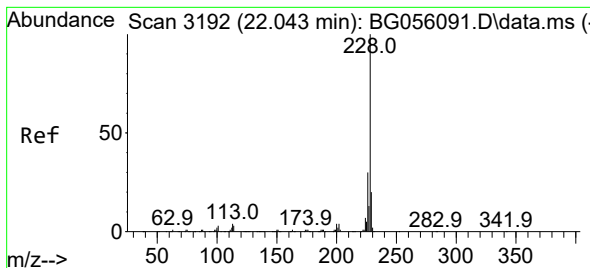
Tgt Ion:228 Resp: 3518913
Ion Ratio Lower Upper
228 100
229 22.4 15.5 23.3
226 30.9 22.3 33.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 207.065 ng/ul
RT: 21.849 min Scan# 3159
Delta R.T. 0.006 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:149 Resp: 1475161
Ion Ratio Lower Upper
149 100
167 30.1 23.7 35.5
279 6.4 5.4 8.0





#87

Chrysene

Concen: 156.152 ng/ul

RT: 22.055 min Scan# 3194

Delta R.T. 0.012 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

Instrument :

BNA_G

ClientSampleId :

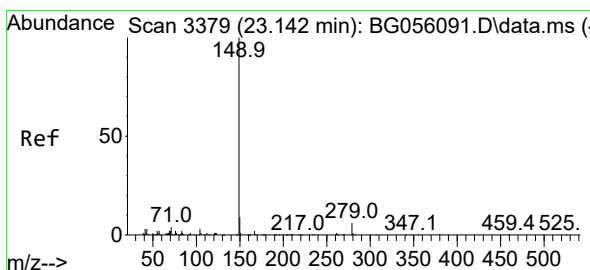
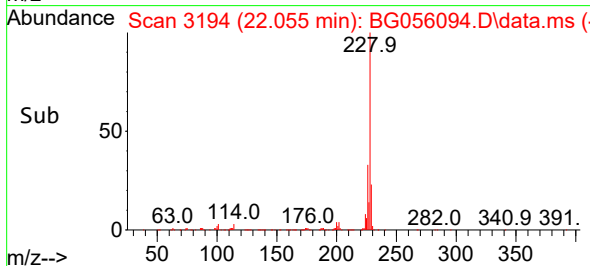
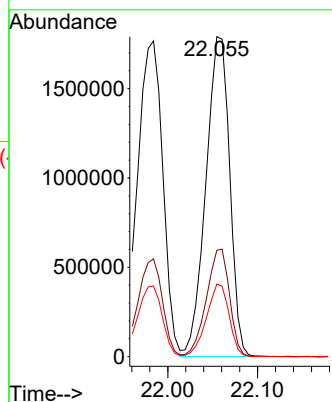
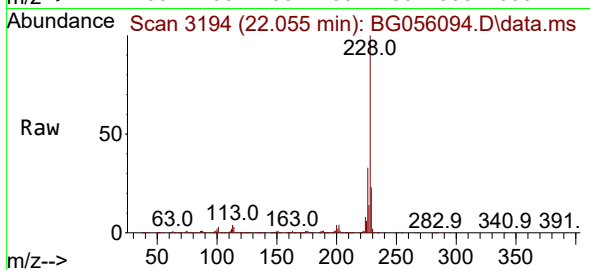
Tgt Ion:228 Resp: 3299462

Ion Ratio Lower Upper

228 100

226 33.3 23.9 35.9

229 22.7 16.2 24.4



#89

Di-n-octyl phthalate

Concen: 183.859 ng/ul

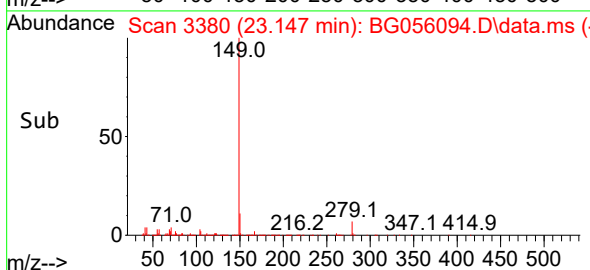
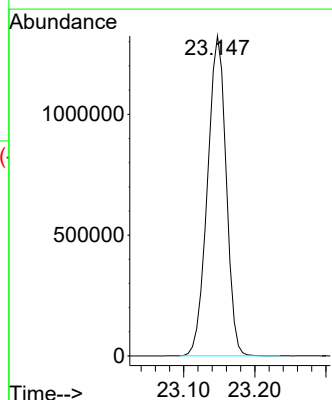
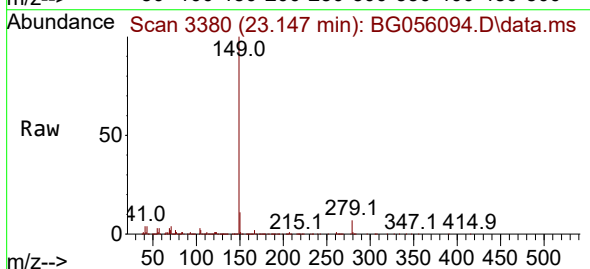
RT: 23.147 min Scan# 3380

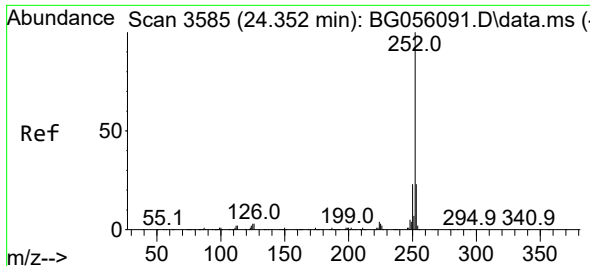
Delta R.T. 0.006 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

Tgt Ion:149 Resp: 2424780

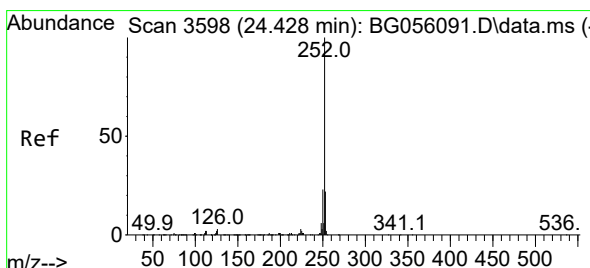
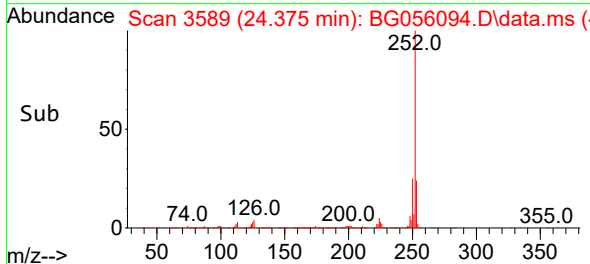
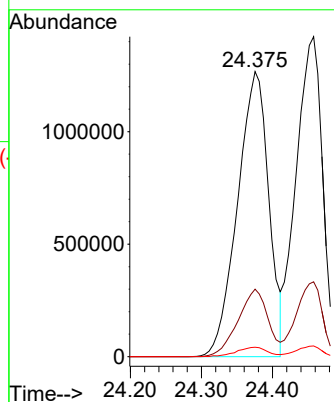
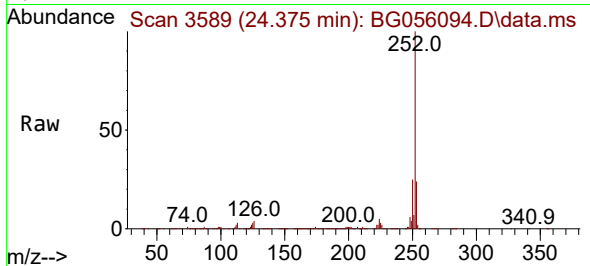




#90
Benzo(b)fluoranthene
Concen: 164.440 ng/ul
RT: 24.375 min Scan# 31
Delta R.T. 0.024 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

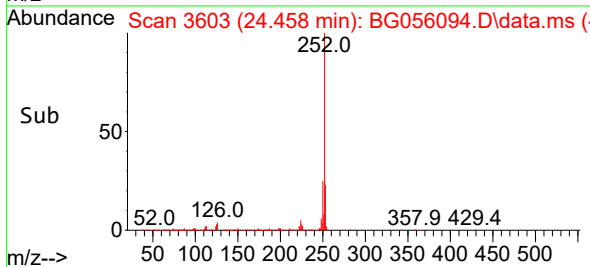
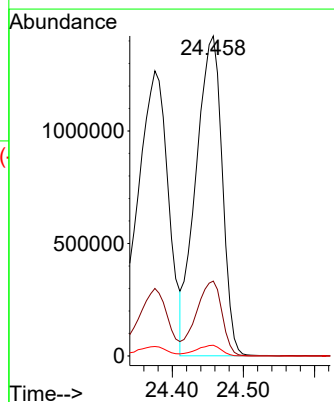
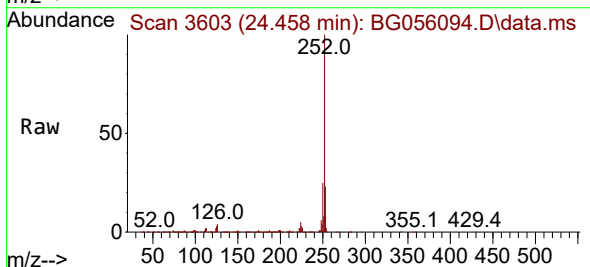
Instrument :
BNA_G
ClientSampleId :

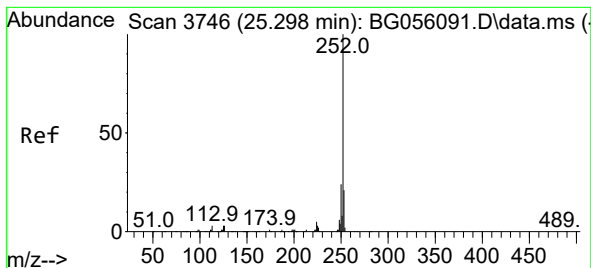
Tgt Ion:252 Resp: 3868719
Ion Ratio Lower Upper
252 100
253 23.7 18.5 27.7
125 3.3 2.2 3.4



#91
Benzo(k)fluoranthene
Concen: 159.420 ng/ul
RT: 24.458 min Scan# 3603
Delta R.T. 0.029 min
Lab File: BG056094.D
Acq: 24 Dec 2022 17:48

Tgt Ion:252 Resp: 3657766
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 3.4 2.0 3.0#





#93

Benzo(a)pyrene

Concen: 161.131 ng/ul

RT: 25.339 min Scan# 31

Delta R.T. 0.041 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

Instrument :

BNA_G

ClientSampleId :

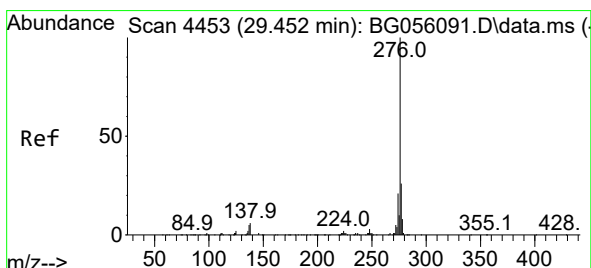
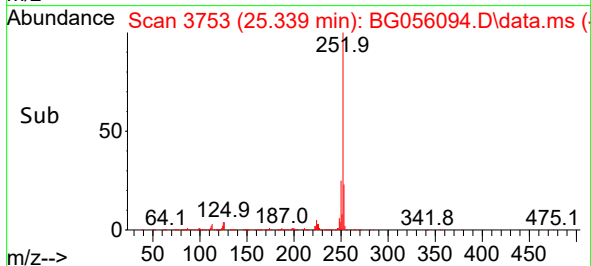
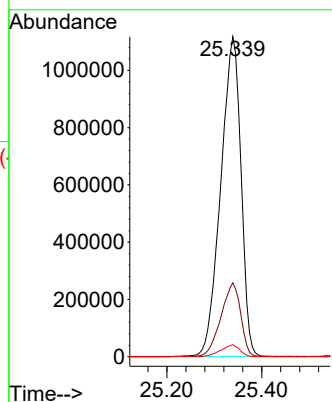
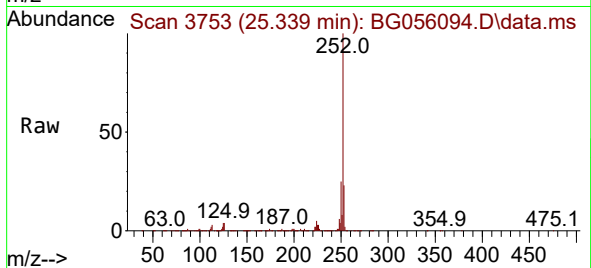
Tgt Ion:252 Resp: 3303253

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

125 3.8 2.3 3.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 162.475 ng/ul

RT: 29.516 min Scan# 4464

Delta R.T. 0.065 min

Lab File: BG056094.D

Acq: 24 Dec 2022 17:48

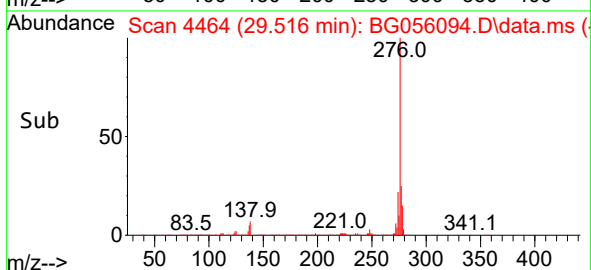
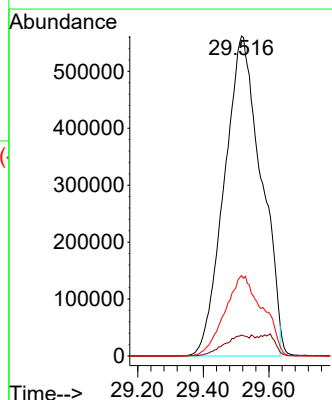
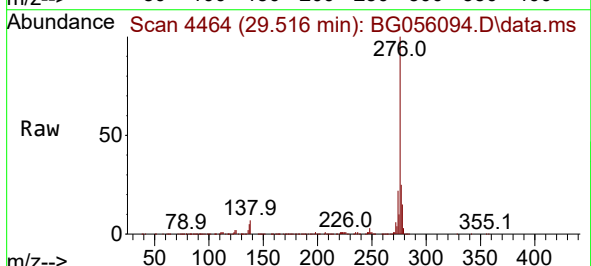
Tgt Ion:276 Resp: 4383275

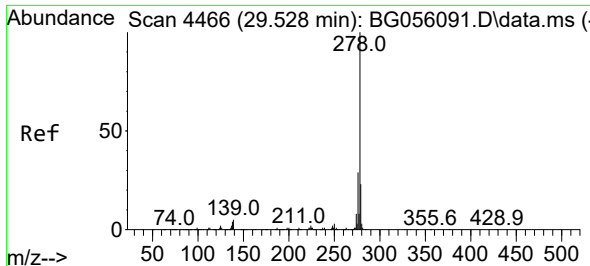
Ion Ratio Lower Upper

276 100

138 6.5 4.4 6.6

277 25.1 20.7 31.1

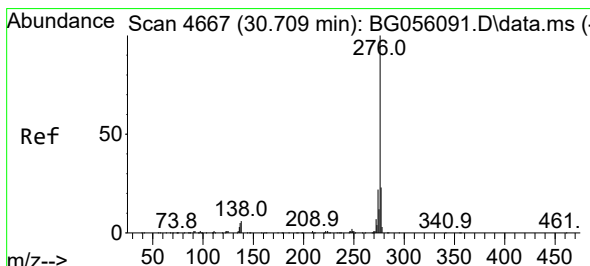
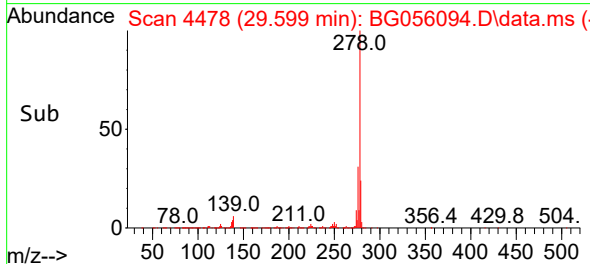
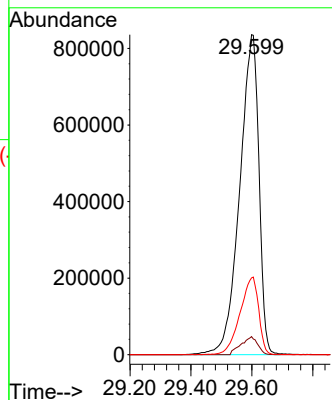
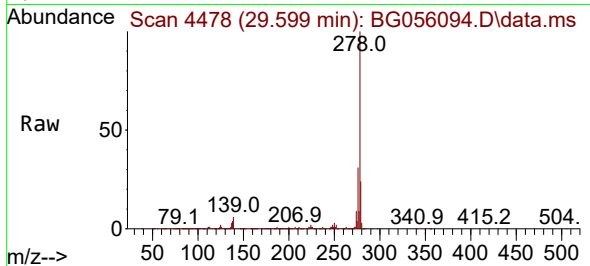




#95
 Dibenzo(a,h)anthracene
 Concen: 161.987 ng/ul
 RT: 29.599 min Scan# 4466
 Delta R.T. 0.071 min
 Lab File: BG056094.D
 Acq: 24 Dec 2022 17:48

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:278 Resp: 3658429
 Ion Ratio Lower Upper
 278 100
 139 5.6 4.3 6.5
 279 24.0 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 162.537 ng/ul
 RT: 30.797 min Scan# 4682
 Delta R.T. 0.088 min
 Lab File: BG056094.D
 Acq: 24 Dec 2022 17:48

Tgt Ion:276 Resp: 3521504
 Ion Ratio Lower Upper
 276 100
 138 6.5 5.1 7.7
 277 24.8 18.5 27.7

