

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056093.D
 Acq On : 24 Dec 2022 17:07
 Operator : CG/JU
 Sample : SST08045
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 24 21:49:44 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	8.346	152	42006	20.000	ng/ul	0.00
20) Naphthalene-d8	11.184	136	166384	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.956	164	146170	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.694	188	380083	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.001	240	382413	20.000	ng/ul	0.01
88) Perylene-d12	25.468	264	412203	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	29635	29.529	ng/uL	0.00
4) Pyridine-d5	4.081	84	256663	78.445	ng/ul	0.00
7) Phenol-d5	7.477	99	310078	81.378	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.659	67	119762	79.746	ng/ul	0.00
11) 2-Chlorophenol-d4	7.876	132	196506	87.258	ng/ul	0.00
15) 4-Methylphenol-d8	9.046	113	239370	83.472	ng/ul	0.01
21) Nitrobenzene-d5	9.527	128	105059	86.693	ng/ul	0.00
24) 2-Nitrophenol-d4	10.250	143	131706	83.184	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.791	165	294232	83.627	ng/ul	0.00
31) 4-Chloroaniline-d4	11.308	131	313840	78.862	ng/ul	0.00
46) Dimethylphthalate-d6	14.351	166	908264	80.285	ng/ul	0.00
49) Acenaphthylene-d8	14.657	160	1028602	80.511	ng/ul	0.00
54) 4-Nitrophenol-d4	15.133	143	139828	82.110	ng/ul	0.02
60) Fluorene-d10	15.943	176	860127	77.026	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.055	200	198196	81.117	ng/ul	0.01
73) Anthracene-d10	17.794	188	1365877	77.765	ng/ul	0.00
81) Pyrene-d10	20.056	212	1678987	79.498	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.238	264	1685446	80.446	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.687	88	31552	29.219	ng/uL	97
5) Pyridine	4.104	79	250741	79.503	ng/ul#	93
6) Benzaldehyde	7.471	77	111819	79.936	ng/ul#	86
8) Phenol	7.506	94	307189	81.007	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.753	93	196637	78.776	ng/ul	100
12) 2-Chlorophenol	7.906	128	196474	86.860	ng/ul	95
13) 2-Methylphenol	8.775	108	236654	83.117	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.869	45	27353	85.314	ng/ul#	77
16) Acetophenone	9.181	105	383927	80.825	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.169	70	168238	83.769	ng/ul	94
18) 4-Methylphenol	9.116	108	255304	82.779	ng/ul	95
19) Hexachloroethane	9.445	117	74258	81.650	ng/ul	89
22) Nitrobenzene	9.569	77	253847	84.417	ng/ul	98
23) Isophorone	10.097	82	535617	77.905	ng/ul	99
25) 2-Nitrophenol	10.285	139	127628	83.505	ng/ul#	83
26) 2,4-Dimethylphenol	10.326	107	289828	80.139	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.567	93	279227	78.368	ng/ul	99
29) 2,4-Dichlorophenol	10.820	162	281942	83.901	ng/ul#	89
30) Naphthalene	11.237	128	701817	80.953	ng/ul	98
32) 4-Chloroaniline	11.337	127	318554	79.435	ng/ul	96
33) Hexachlorobutadiene	11.507	225	242092	76.876	ng/ul	99
34) Caprolactam	12.171	113	20082	19.760	ng/ul	90
35) 4-Chloro-3-methylphenol	12.424	107	268024	83.021	ng/ul	99
36) 2-Methylnaphthalene	12.812	142	552515	79.492	ng/ul	95

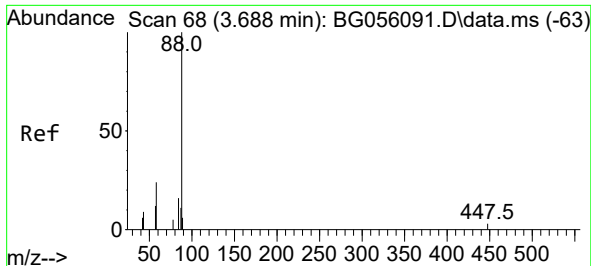
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.029	142	560232	80.011	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.170	216	482297	80.006	ng/ul	97
40) Hexachlorocyclopentadiene	13.147	237	326273	83.475	ng/ul	98
41) 2,4,6-Trichlorophenol	13.399	196	300273	84.511	ng/ul	92
42) 2,4,5-Trichlorophenol	13.476	196	319329	82.891	ng/ul	93
43) 1,1'-Biphenyl	13.799	154	841549	81.437	ng/ul	98
44) 2-Chloronaphthalene	13.852	162	699369	81.652	ng/ul	99
45) 2-Nitroaniline	14.040	65	115712	97.283	ng/ul#	76
47) Dimethylphthalate	14.398	163	885509	78.936	ng/ul	98
48) 2,6-Dinitrotoluene	14.527	165	185570	83.807	ng/ul	95
50) Acenaphthylene	14.686	152	1015900	80.014	ng/ul	97
51) 3-Nitroaniline	14.856	138	132965	79.943	ng/ul	93
52) Acenaphthene	15.021	153	721484	80.890	ng/ul	92
53) 2,4-Dinitrophenol	15.056	184	139695	81.053	ng/ul#	90
55) 4-Nitrophenol	15.150	109	139286	84.072	ng/ul	95
56) Dibenzofuran	15.356	168	1098322	78.671	ng/ul	99
57) 2,4-Dinitrotoluene	15.309	165	253908	82.690	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.573	232	313707	82.380	ng/ul#	97
59) Diethylphthalate	15.750	149	796806	79.503	ng/ul	97
61) Fluorene	16.002	166	890053	77.611	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.985	204	575183	77.203	ng/ul	99
63) 4-Nitroaniline	16.014	138	132865	83.717	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	16.067	198	190751	81.429	ng/ul#	93
67) N-Nitrosodiphenylamine	16.190	169	794187	82.468	ng/ul	100
68) 4-Bromophenyl-phenylether	16.872	248	396578	82.301	ng/ul	96
69) Hexachlorobenzene	17.001	284	379225	81.314	ng/ul	99
70) Atrazine	17.130	200	359743	78.346	ng/ul	99
71) Pentachlorophenol	17.336	266	247138	83.350	ng/ul	92
72) Phenanthrene	17.741	178	1512929	78.408	ng/ul	99
74) Anthracene	17.829	178	1522282	77.067	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.770	216	497782	86.341	ng/ul	95
76) Pentachlorobenzene	15.274	250	480546	84.436	ng/ul	93
77) Carbazole	18.094	167	1247957	77.277	ng/ul	99
78) Di-n-butylphthalate	18.623	149	1247933	84.580	ng/ul	100
80) Fluoranthene	19.727	202	1968857	79.279	ng/ul	99
82) Pyrene	20.092	202	1927843	76.951	ng/ul	99
83) Butylbenzylphthalate	20.949	149	519697	97.479	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.878	252	659387	76.744	ng/ul	98
85) Benzo(a)anthracene	21.978	228	2059849	78.917	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.848	149	787820	96.461	ng/ul	99
87) Chrysene	22.048	228	1909541	78.829	ng/ul	96
89) Di-n-octyl phthalate	23.147	149	1317808	86.391	ng/ul	100
90) Benzo(b)fluoranthene	24.363	252	2178933	80.073	ng/ul	98
91) Benzo(k)fluoranthene	24.363	252	2178933	82.106	ng/ul	99
93) Benzo(a)pyrene	25.321	252	1890482	79.728	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.486	276	2482383	79.553	ng/ul	97
95) Dibenzo(a,h)anthracene	29.569	278	2039590	78.078	ng/ul	99
96) Benzo(g,h,i)perylene	30.761	276	1973724	78.761	ng/ul	99

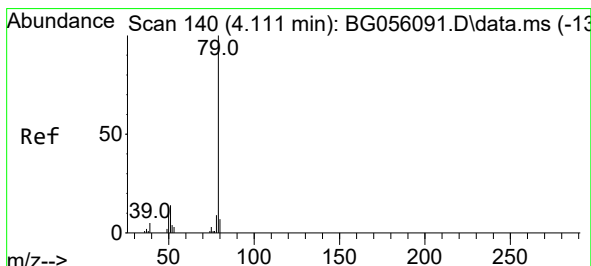
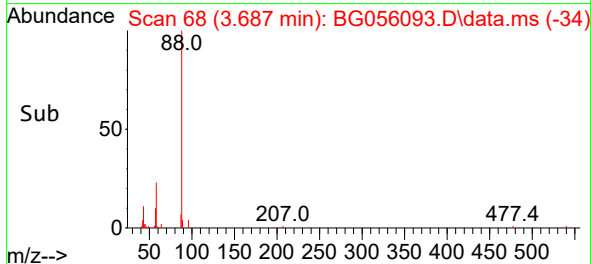
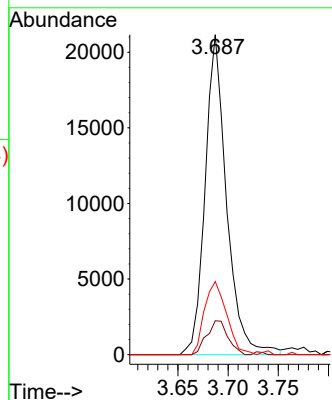
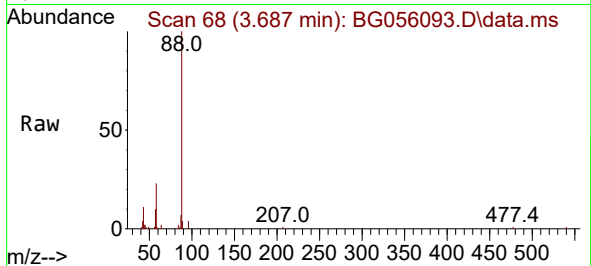
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#2
1,4-Dioxane
Concen: 29.219 ng/uL
RT: 3.687 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG056093.D
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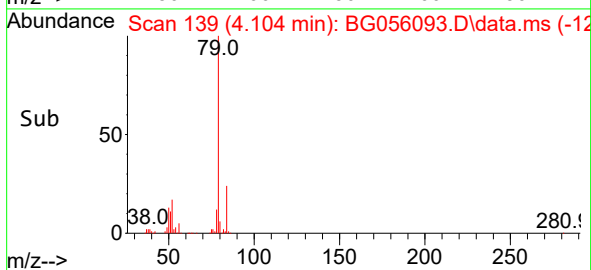
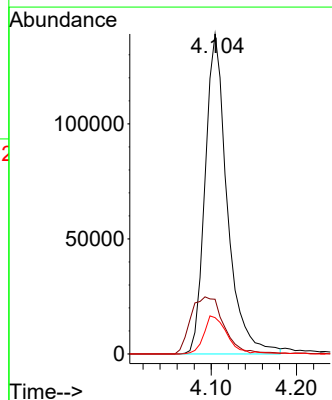
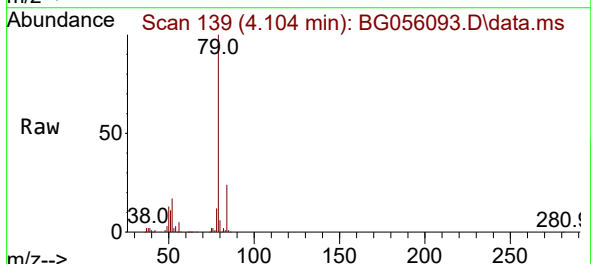
Instrument :
BNA_G
ClientSampleId :

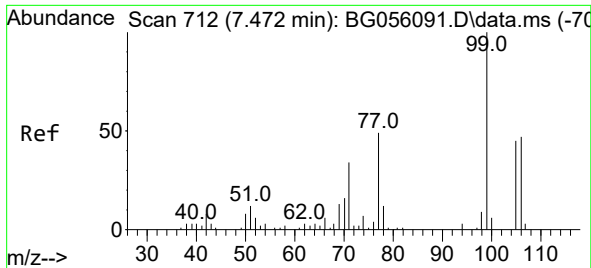
Tgt Ion: 88 Resp: 31552
Ion Ratio Lower Upper
88 100
43 10.6 7.4 11.0
58 22.8 19.1 28.7



#5
Pyridine
Concen: 79.503 ng/uL
RT: 4.104 min Scan# 139
Delta R.T. -0.006 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion: 79 Resp: 250741
Ion Ratio Lower Upper
79 100
52 17.1 11.0 16.6#
51 11.3 11.1 16.7

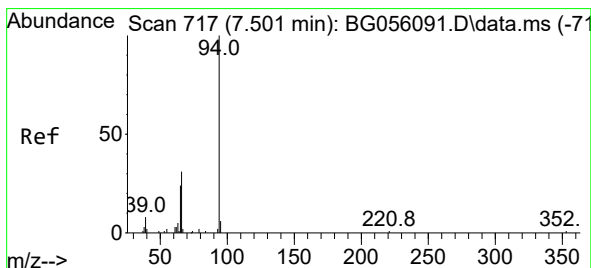
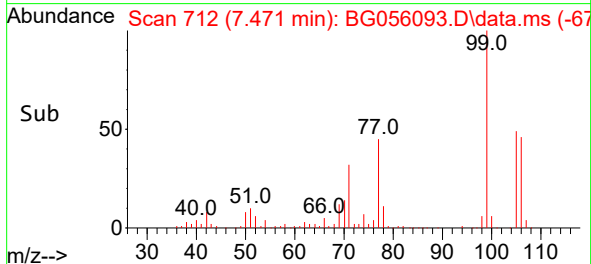
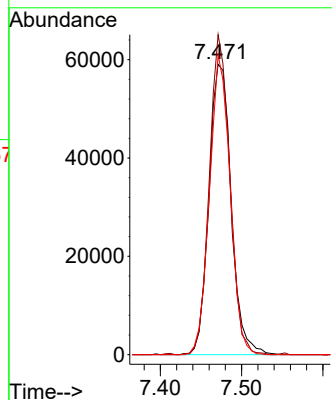
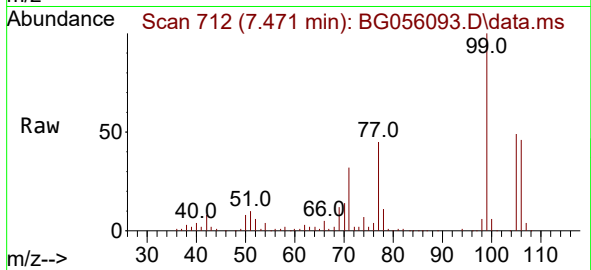




#6
Benzaldehyde
Concen: 79.936 ng/ul
RT: 7.471 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

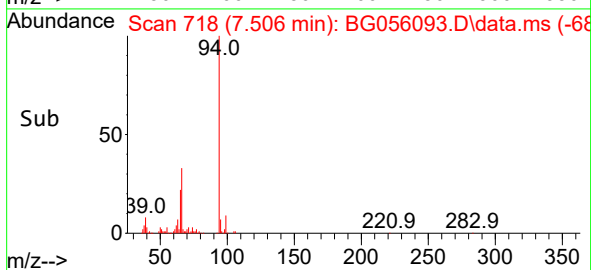
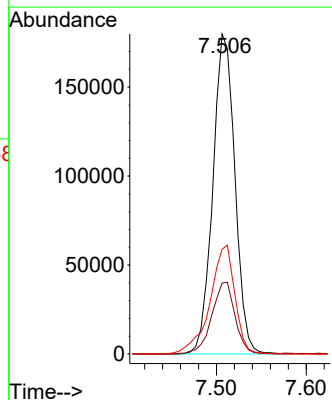
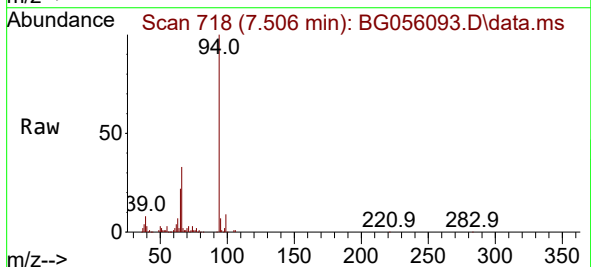
Instrument :
BNA_G
ClientSampleId :

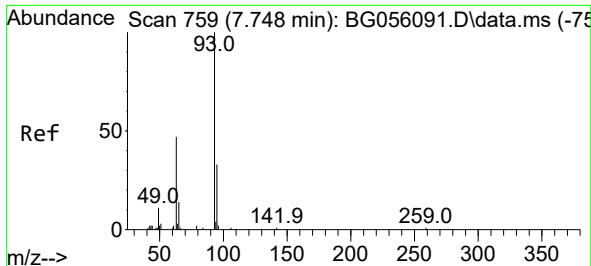
Tgt Ion: 77 Resp: 111819
Ion Ratio Lower Upper
77 100
105 110.2 72.6 109.0#
106 103.2 76.8 115.2



#8
Phenol
Concen: 81.007 ng/ul
RT: 7.506 min Scan# 718
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

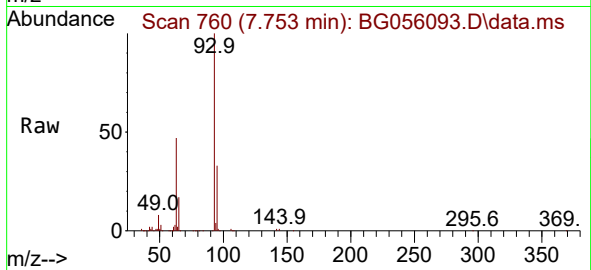
Tgt Ion: 94 Resp: 307189
Ion Ratio Lower Upper
94 100
65 22.2 18.8 28.2
66 32.8 26.2 39.2





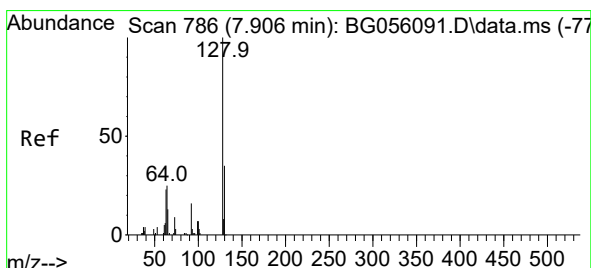
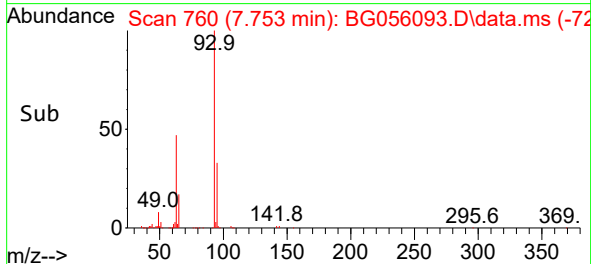
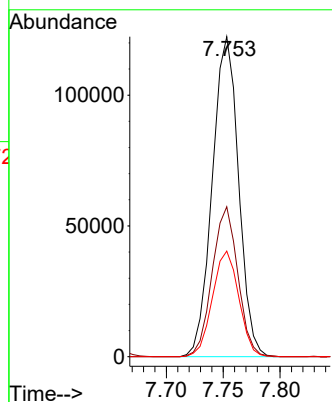
#10
 Bis(2-Chloroethyl)ether
 Concen: 78.776 ng/ul
 RT: 7.753 min Scan# 759
 Delta R.T. 0.005 min
 Lab File: BG056093.D
 Acq: 24 Dec 2022 17:07

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion: 93 Resp: 196637

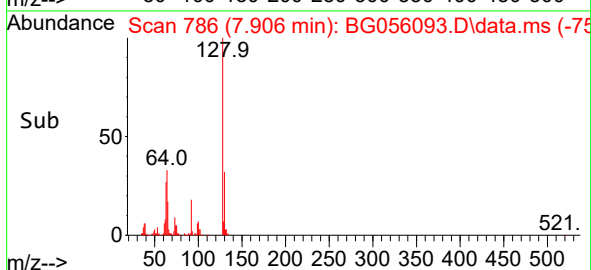
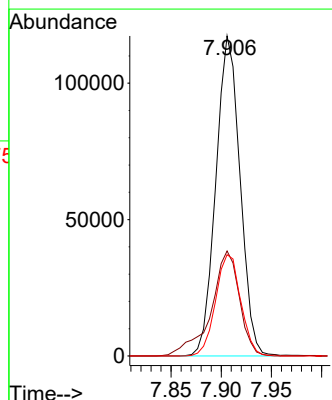
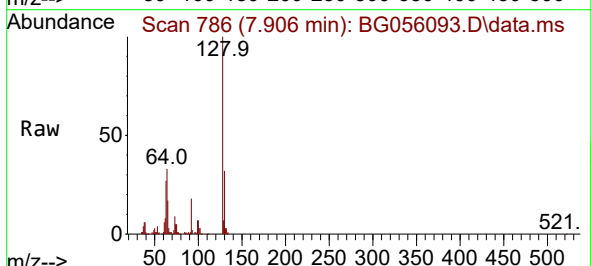
Ion	Ratio	Lower	Upper
93	100		
63	46.9	37.4	56.2
95	33.0	26.3	39.5

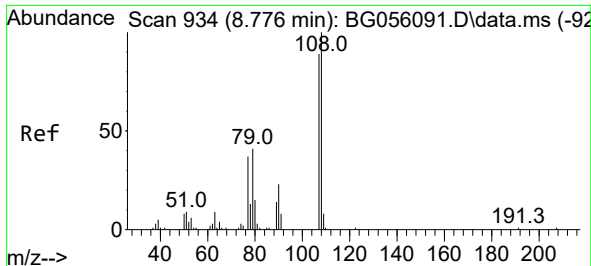


#12
 2-Chlorophenol
 Concen: 86.860 ng/ul
 RT: 7.906 min Scan# 786
 Delta R.T. -0.001 min
 Lab File: BG056093.D
 Acq: 24 Dec 2022 17:07

Tgt Ion: 128 Resp: 196474

Ion	Ratio	Lower	Upper
128	100		
64	32.8	24.8	37.2
130	31.7	27.9	41.9

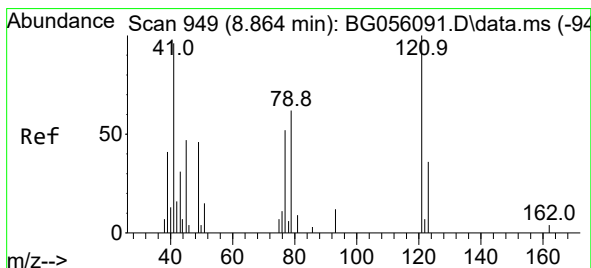
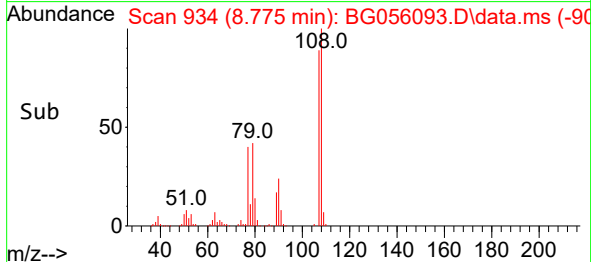
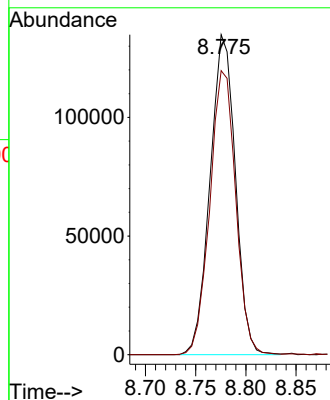
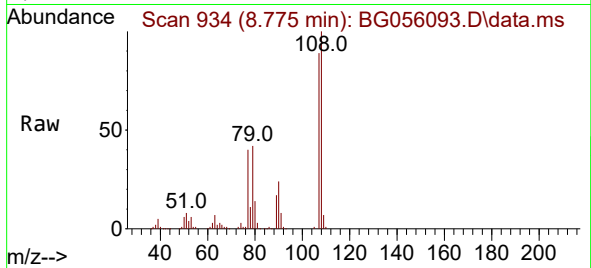




#13
2-Methylphenol
Concen: 83.117 ng/ul
RT: 8.775 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

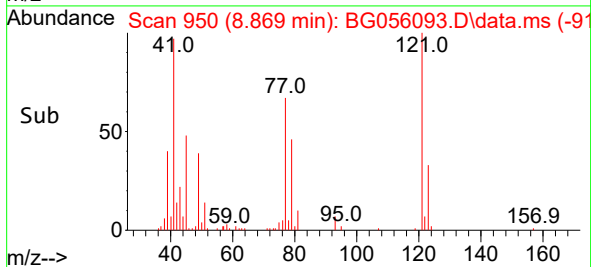
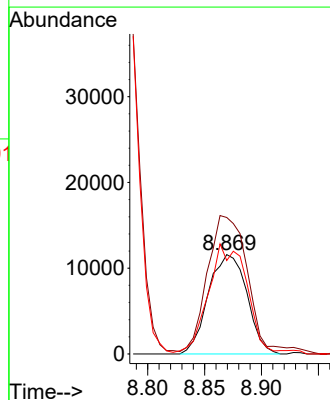
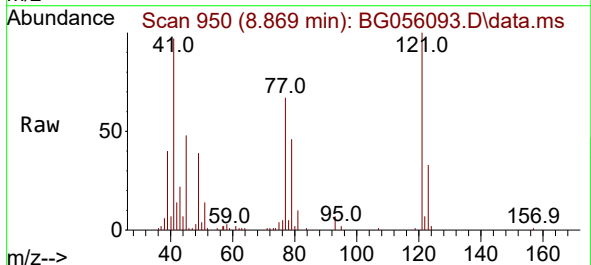
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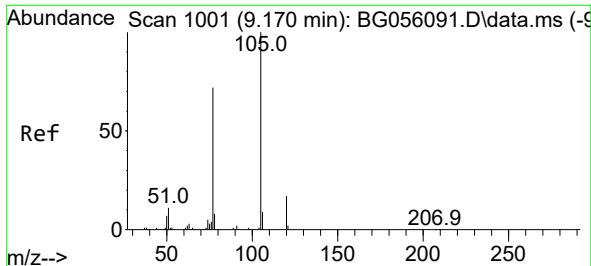
Tgt Ion:108 Resp: 236654
Ion Ratio Lower Upper
108 100
107 88.8 71.4 107.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 85.314 ng/ul
RT: 8.869 min Scan# 950
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion: 45 Resp: 27353
Ion Ratio Lower Upper
45 100
77 137.3 105.8 158.8
79 94.1 114.2 171.4#

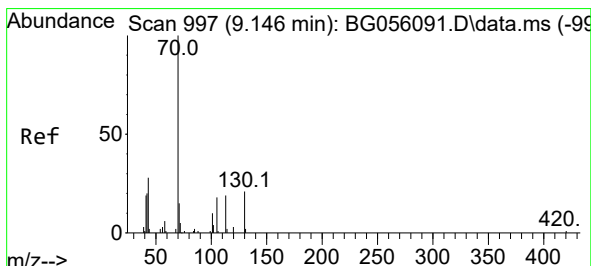
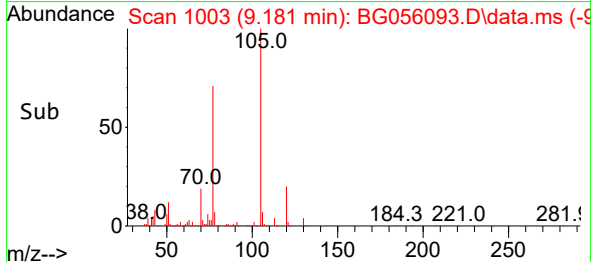
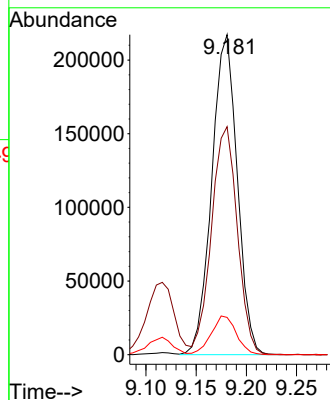
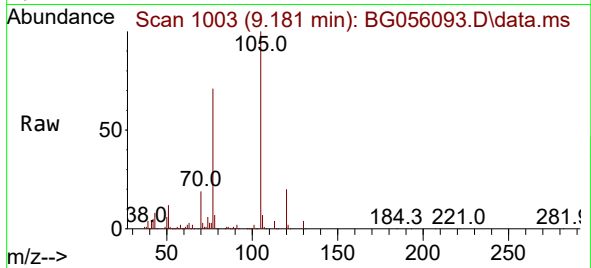




#16
Acetophenone
Concen: 80.825 ng/ul
RT: 9.181 min Scan# 1003
Delta R.T. 0.011 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

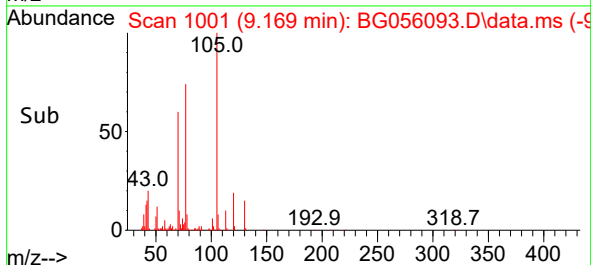
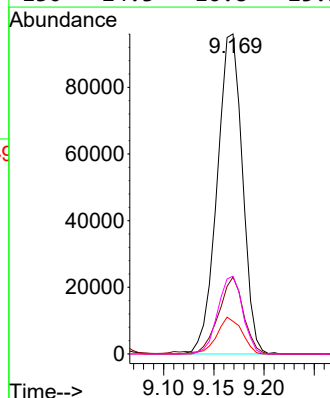
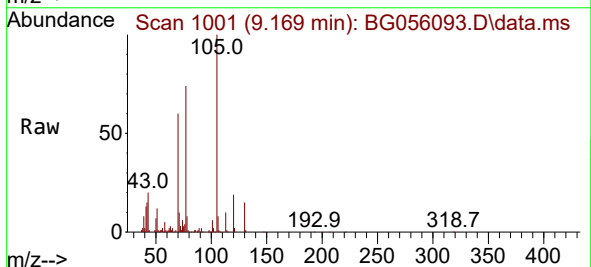
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BNA_G
ClientSampleId :

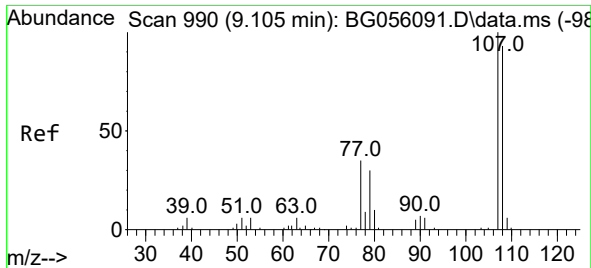
Tgt Ion:105 Resp: 383927
Ion Ratio Lower Upper
105 100
77 71.3 59.0 88.4
51 11.7 9.6 14.4



#17
N-Nitroso-di-n-propylamine
Concen: 83.769 ng/ul
RT: 9.169 min Scan# 1001
Delta R.T. 0.023 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion: 70 Resp: 168238
Ion Ratio Lower Upper
70 100
42 24.0 16.1 24.1
101 10.2 8.4 12.6
130 24.3 16.8 25.2

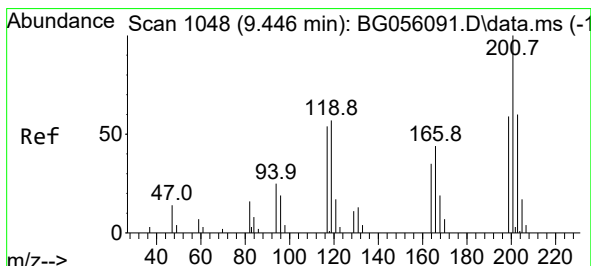
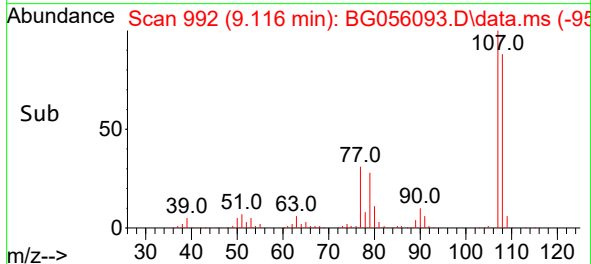
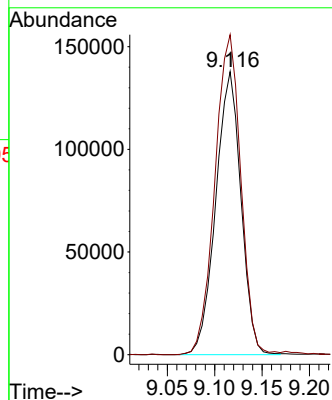
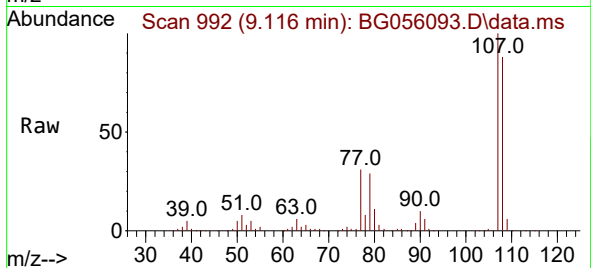




#18
4-Methylphenol
Concen: 82.779 ng/ul
RT: 9.116 min Scan# 911
Delta R.T. 0.011 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

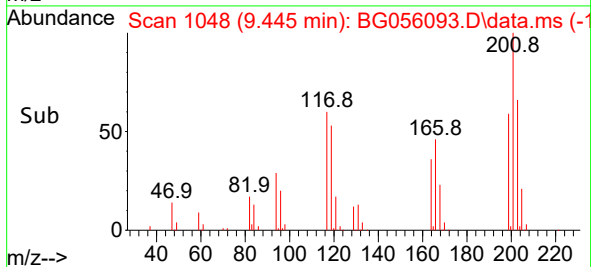
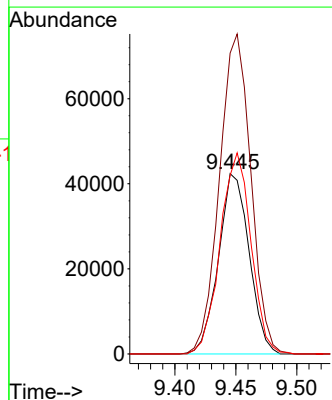
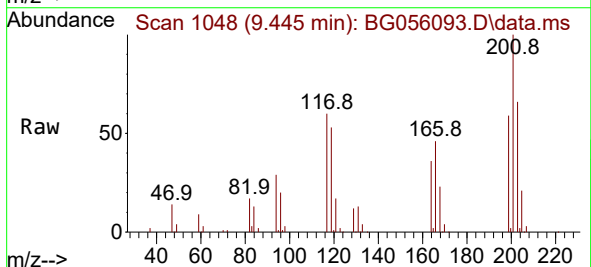
Instrument :
BNA_G
ClientSampleId :

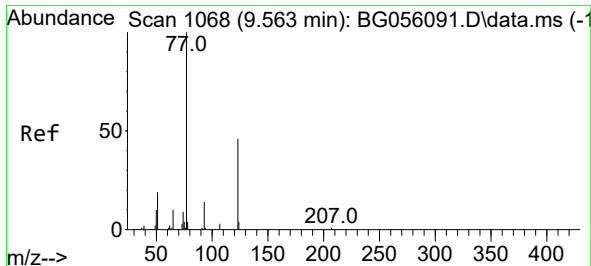
Tgt Ion:108 Resp: 255304
Ion Ratio Lower Upper
108 100
107 113.0 86.2 129.2



#19
Hexachloroethane
Concen: 81.650 ng/ul
RT: 9.445 min Scan# 1048
Delta R.T. -0.001 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:117 Resp: 74258
Ion Ratio Lower Upper
117 100
201 166.7 149.0 223.4
199 102.7 87.7 131.5

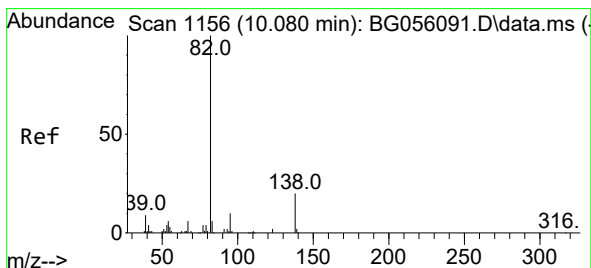
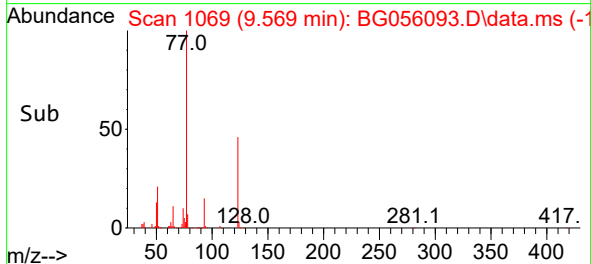
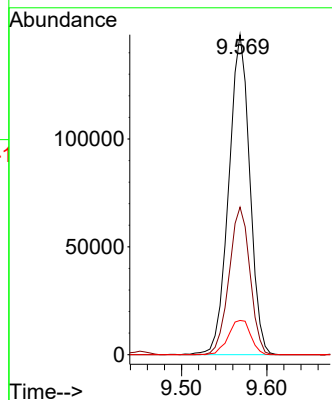
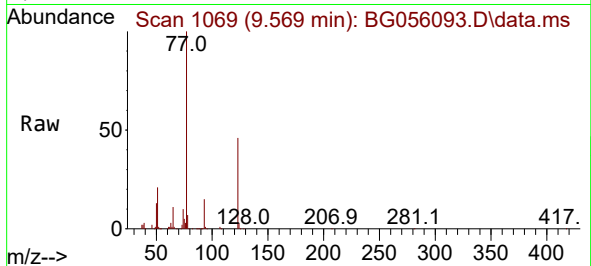




#22
Nitrobenzene
Concen: 84.417 ng/ul
RT: 9.569 min Scan# 1068
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

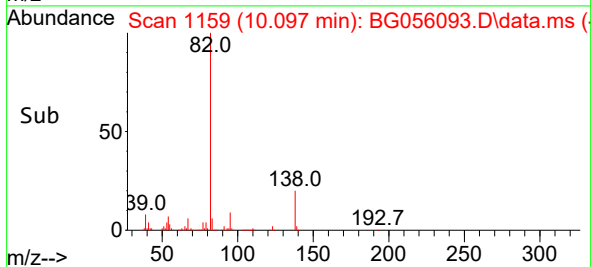
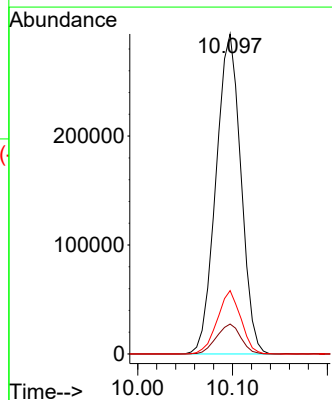
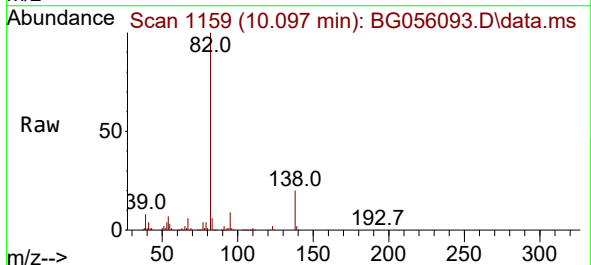
Instrument :
BNA_G
ClientSampleId :

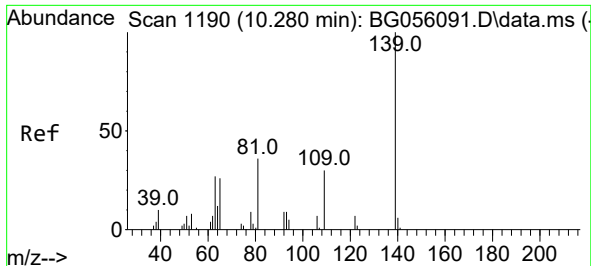
Tgt Ion: 77 Resp: 253847
Ion Ratio Lower Upper
77 100
123 46.1 36.0 54.0
65 10.7 7.6 11.4



#23
Isophorone
Concen: 77.905 ng/ul
RT: 10.097 min Scan# 1159
Delta R.T. 0.017 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion: 82 Resp: 535617
Ion Ratio Lower Upper
82 100
95 9.4 7.9 11.9
138 19.8 15.8 23.6

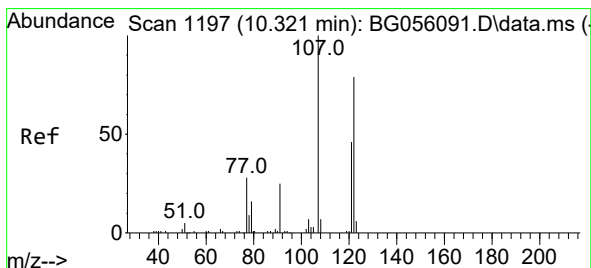
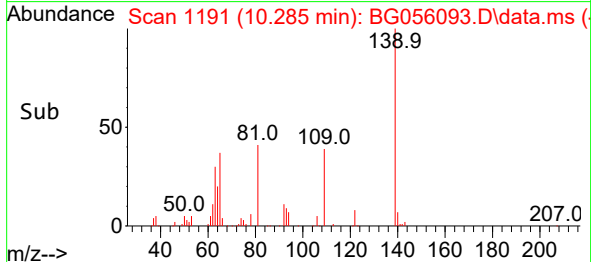
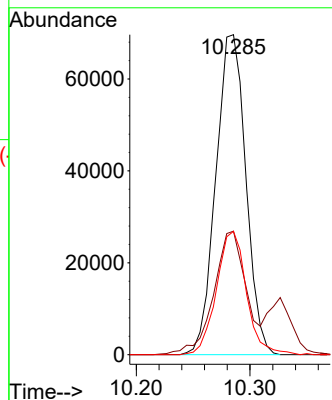
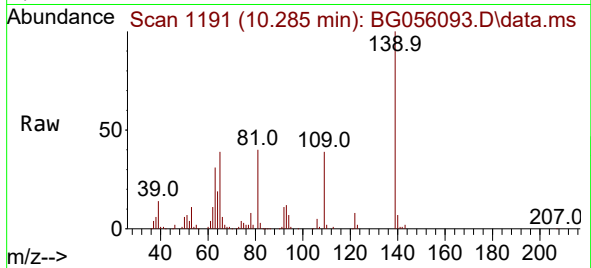




#25
2-Nitrophenol
Concen: 83.505 ng/ul
RT: 10.285 min Scan# 1191
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

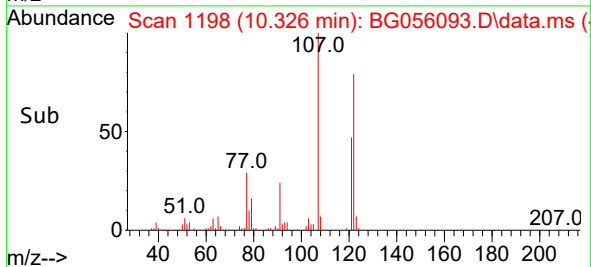
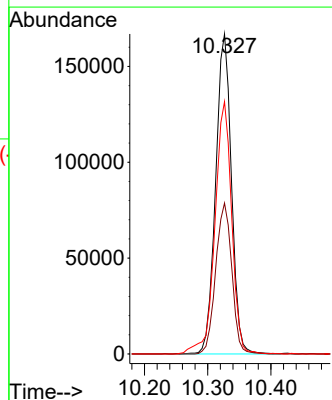
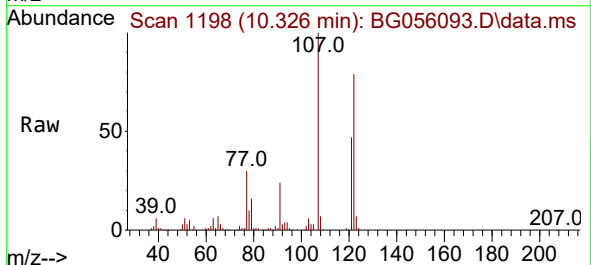
Instrument :
BNA_G
ClientSampleId :

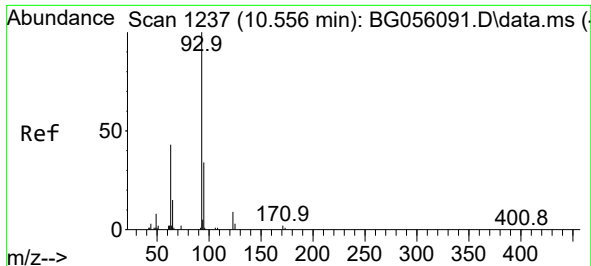
Tgt Ion:139 Resp: 127628
Ion Ratio Lower Upper
139 100
65 38.6 23.2 34.8#
109 38.6 23.8 35.8#



#26
2,4-Dimethylphenol
Concen: 80.139 ng/ul
RT: 10.326 min Scan# 1198
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

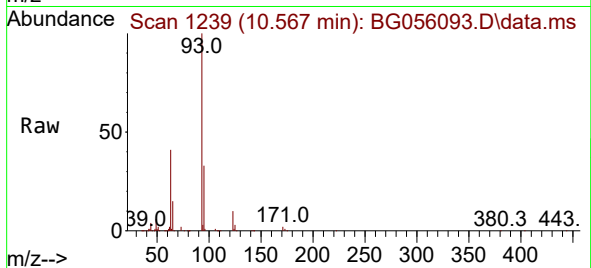
Tgt Ion:107 Resp: 289828
Ion Ratio Lower Upper
107 100
121 47.2 36.5 54.7
122 78.9 64.4 96.6



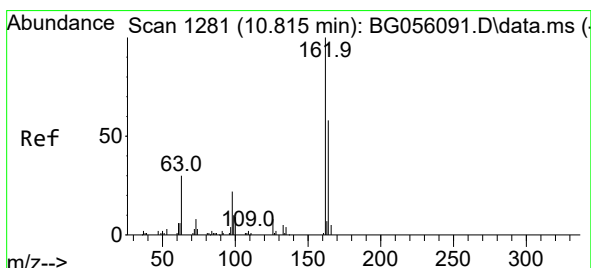
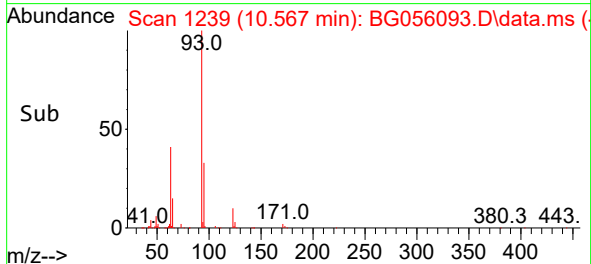
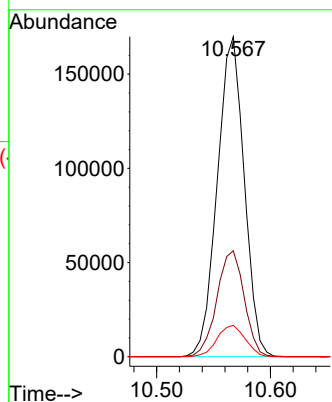


#27
 Bis(2-Chloroethoxy)methane
 Concen: 78.368 ng/ul
 RT: 10.567 min Scan# 1239
 Delta R.T. 0.011 min
 Lab File: BG056093.D
 Acq: 24 Dec 2022 17:07

Instrument :
 BNA_G
 ClientSampleId :

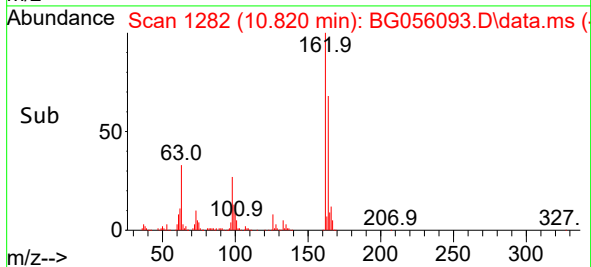
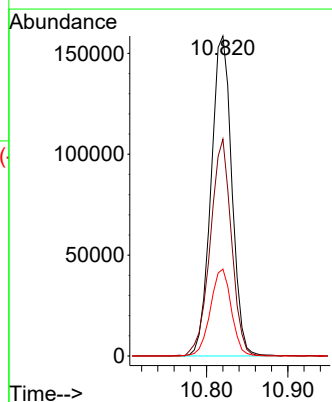
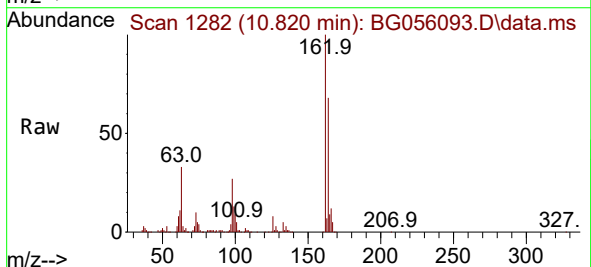


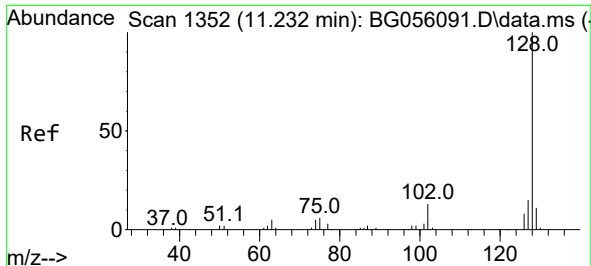
Tgt Ion: 93 Resp: 279227
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.8 40.2
 123 9.8 7.4 11.0



#29
 2,4-Dichlorophenol
 Concen: 83.901 ng/ul
 RT: 10.820 min Scan# 1282
 Delta R.T. 0.005 min
 Lab File: BG056093.D
 Acq: 24 Dec 2022 17:07

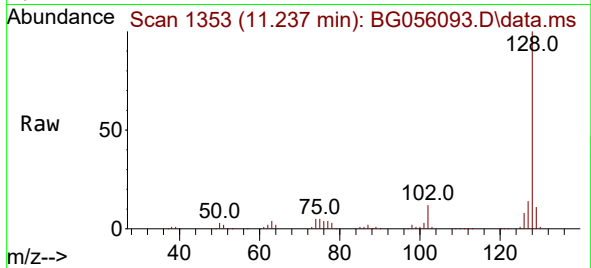
Tgt Ion:162 Resp: 281942
 Ion Ratio Lower Upper
 162 100
 164 67.7 47.3 70.9
 98 27.2 17.8 26.8#



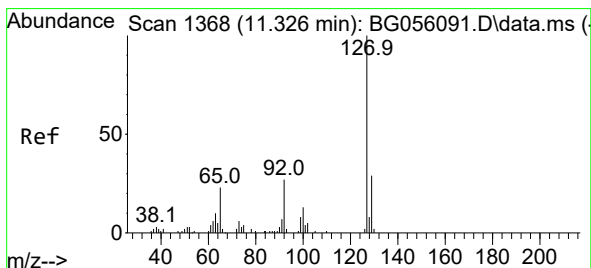
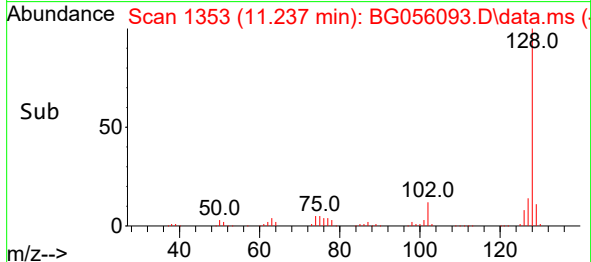
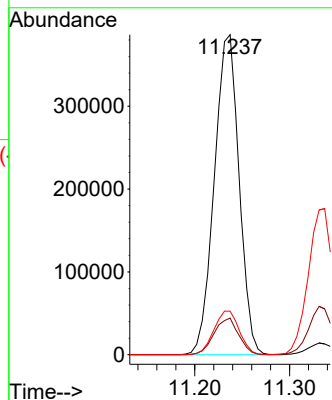


#30
Naphthalene
Concen: 80.953 ng/ul
RT: 11.237 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Instrument :
BNA_G
ClientSampleId :

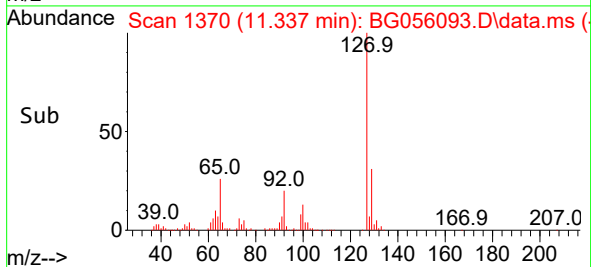
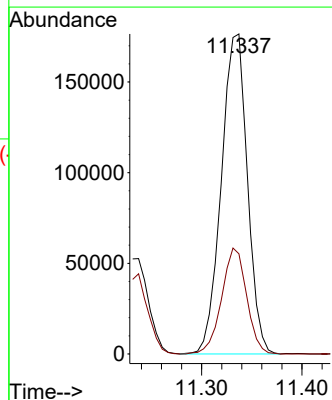
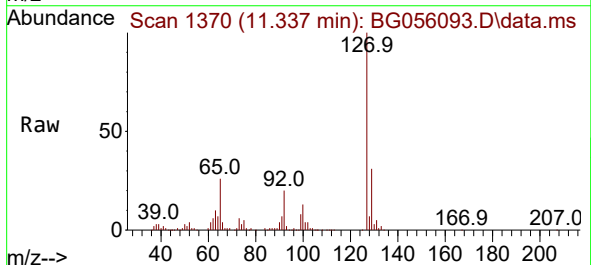


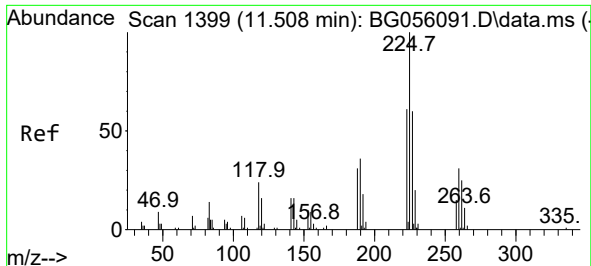
Tgt Ion:128 Resp: 701817
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.6 11.6 17.4



#32
4-Chloroaniline
Concen: 79.435 ng/ul
RT: 11.337 min Scan# 1370
Delta R.T. 0.011 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:127 Resp: 318554
Ion Ratio Lower Upper
127 100
129 31.3 23.4 35.0





#33

Hexachlorobutadiene

Concen: 76.876 ng/ul

RT: 11.507 min Scan# 1

Delta R.T. -0.001 min

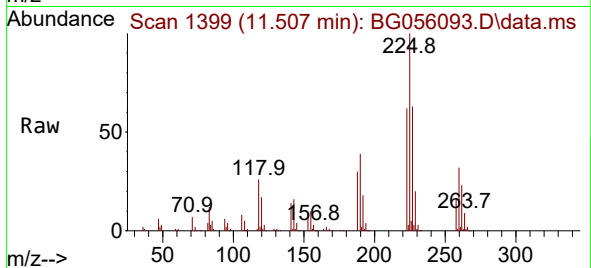
Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

Instrument :

BNA_G

ClientSampleId :



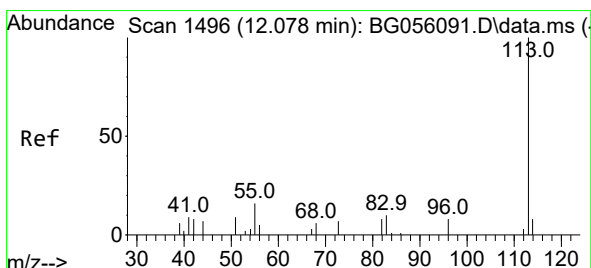
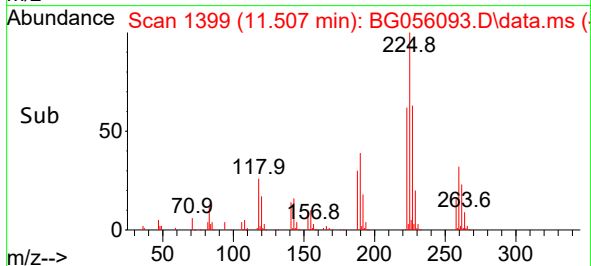
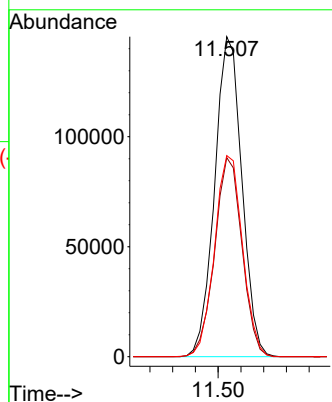
Tgt Ion:225 Resp: 242092

Ion Ratio Lower Upper

225 100

223 62.2 51.2 76.8

227 62.9 50.5 75.7



#34

Caprolactam

Concen: 19.760 ng/ul

RT: 12.171 min Scan# 1512

Delta R.T. 0.093 min

Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

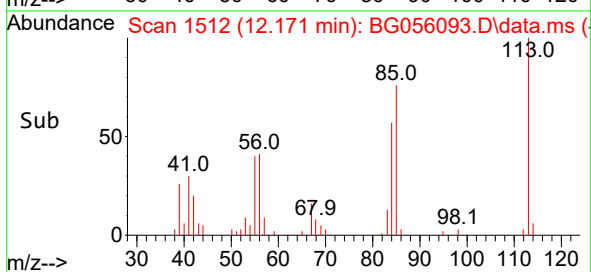
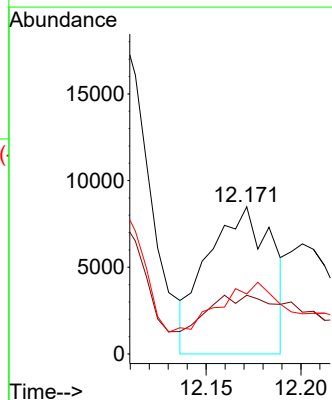
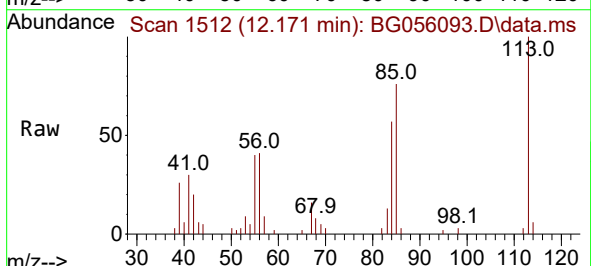
Tgt Ion:113 Resp: 20082

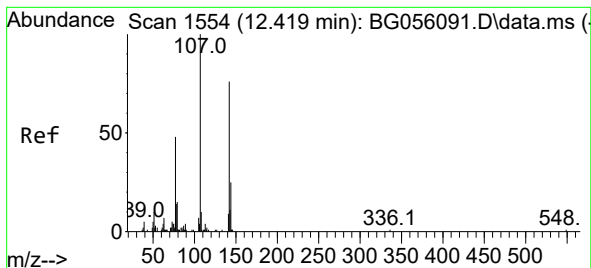
Ion Ratio Lower Upper

113 100

55 39.9 28.0 42.0

56 40.8 27.7 41.5

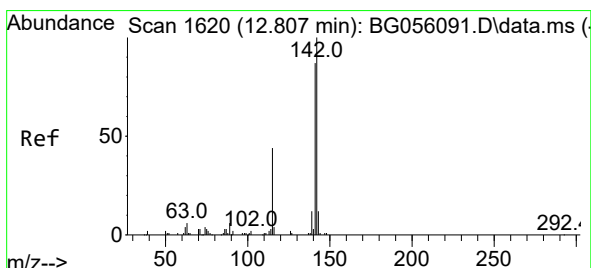
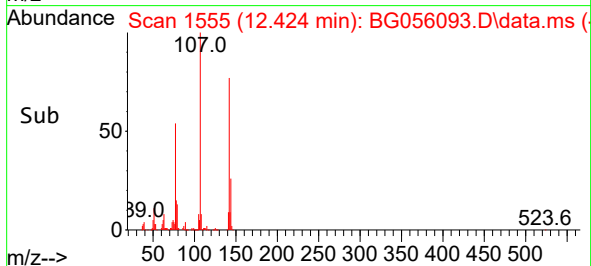
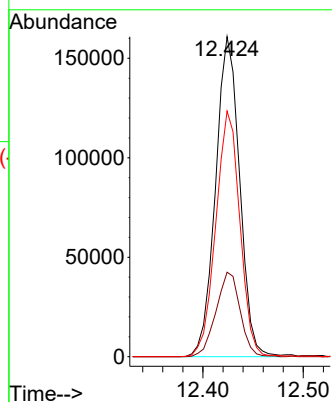
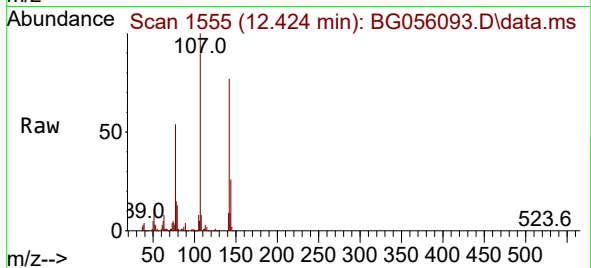




#35
4-Chloro-3-methylphenol
Concen: 83.021 ng/ul
RT: 12.424 min Scan# 1555
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

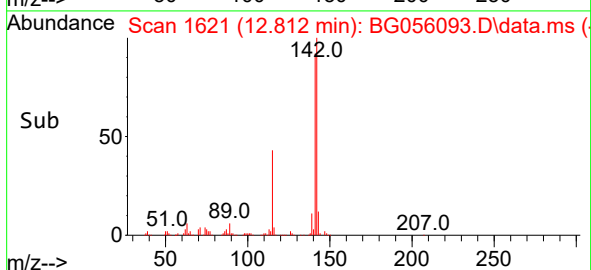
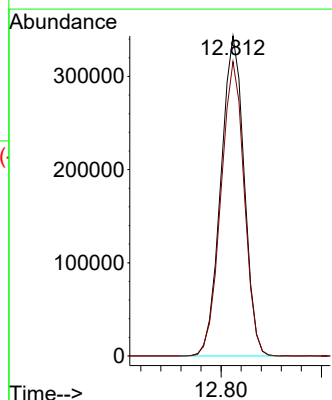
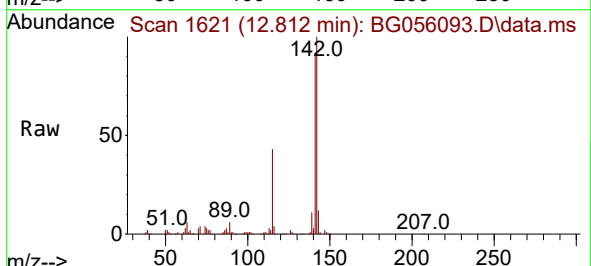
Instrument :
BNA_G
ClientSampleId :

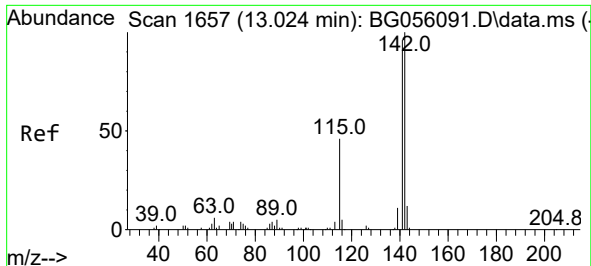
Tgt Ion:107 Resp: 268024
Ion Ratio Lower Upper
107 100
144 26.4 20.0 30.0
142 76.8 60.7 91.1



#36
2-Methylnaphthalene
Concen: 79.492 ng/ul
RT: 12.812 min Scan# 1621
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:142 Resp: 552515
Ion Ratio Lower Upper
142 100
141 92.0 69.8 104.6

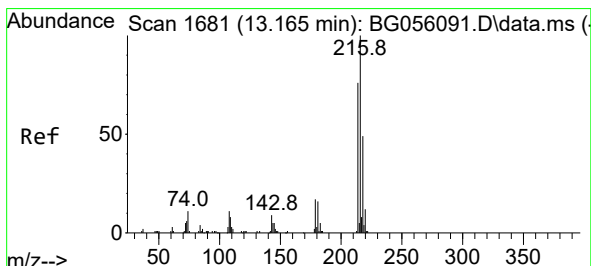
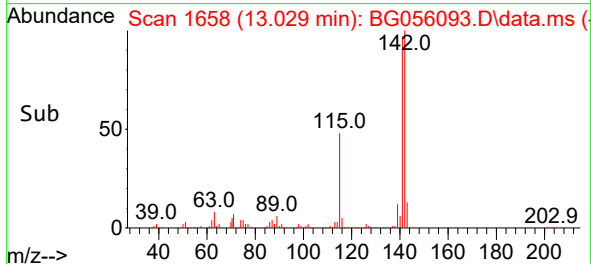
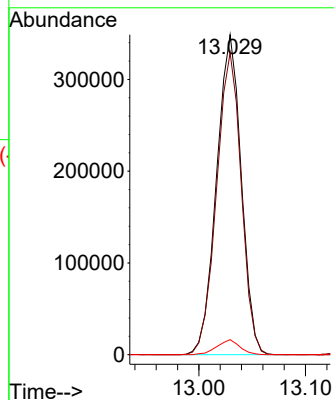
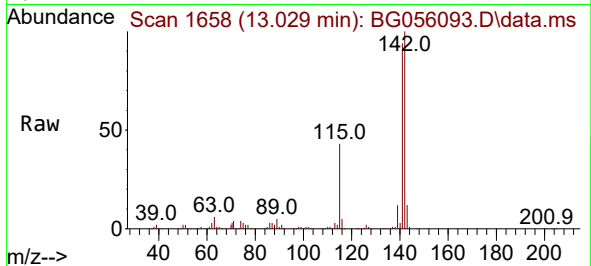




#37
1-Methylnaphthalene
Concen: 80.011 ng/ul
RT: 13.029 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

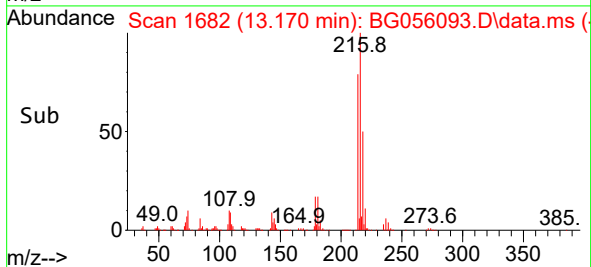
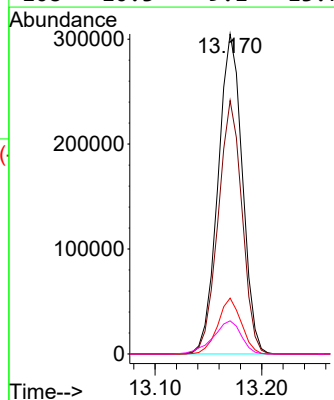
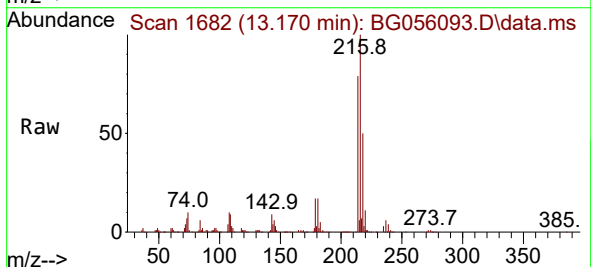
Instrument :
BNA_G
ClientSampleId :

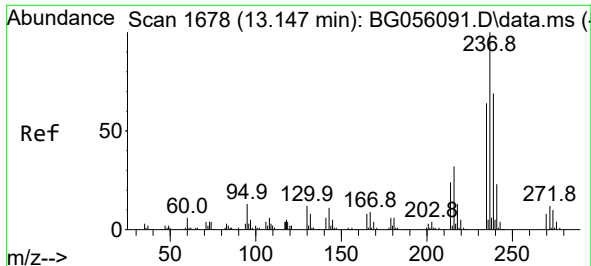
Tgt Ion:142 Resp: 560232
Ion Ratio Lower Upper
142 100
141 94.4 76.7 115.1
116 4.7 3.8 5.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 80.006 ng/ul
RT: 13.170 min Scan# 1682
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

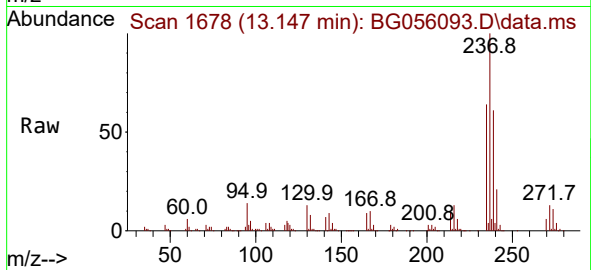
Tgt Ion:216 Resp: 482297
Ion Ratio Lower Upper
216 100
214 79.2 61.0 91.4
179 17.5 13.4 20.0
108 10.3 9.1 13.7



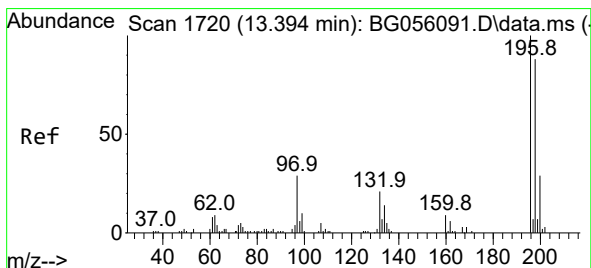
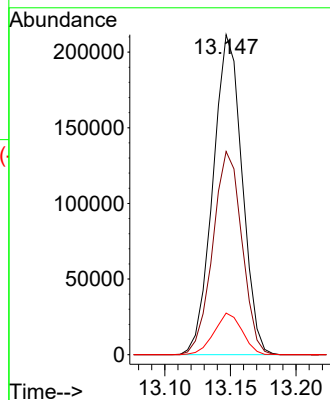
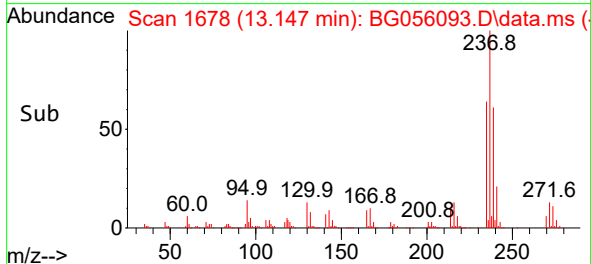


#40
Hexachlorocyclopentadiene
Concen: 83.475 ng/ul
RT: 13.147 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

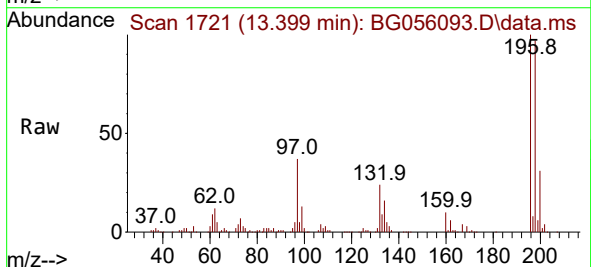
Instrument :
BNA_G
ClientSampleId :



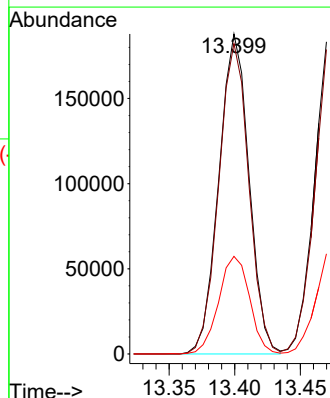
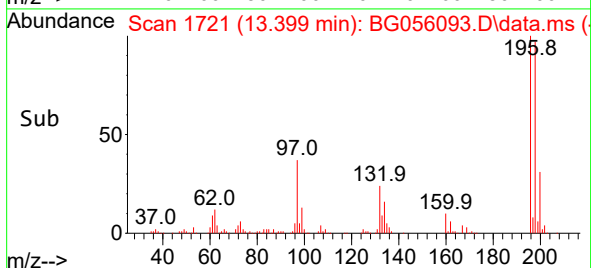
Tgt Ion:237 Resp: 326273
Ion Ratio Lower Upper
237 100
235 63.5 52.0 78.0
272 13.7 9.9 14.9

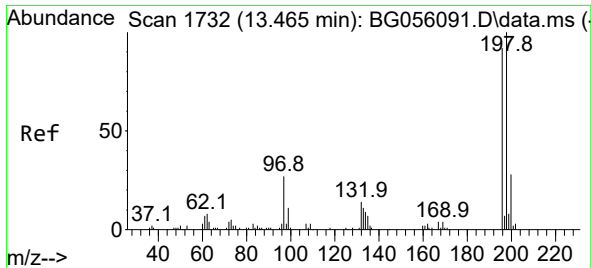


#41
2,4,6-Trichlorophenol
Concen: 84.511 ng/ul
RT: 13.399 min Scan# 1721
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07



Tgt Ion:196 Resp: 300273
Ion Ratio Lower Upper
196 100
198 97.0 70.2 105.4
200 30.5 23.4 35.2

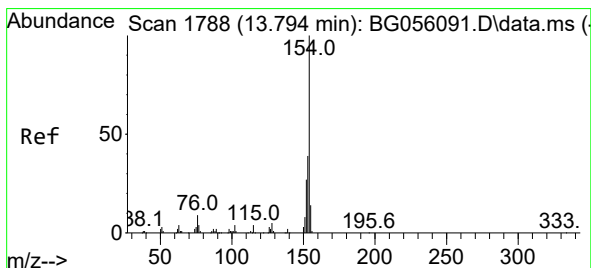
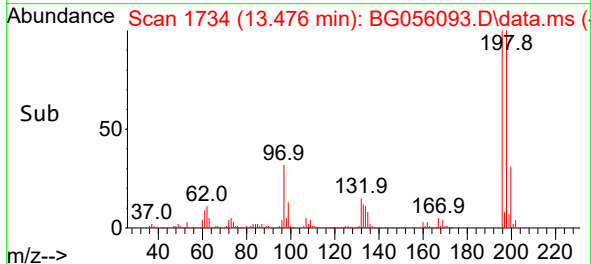
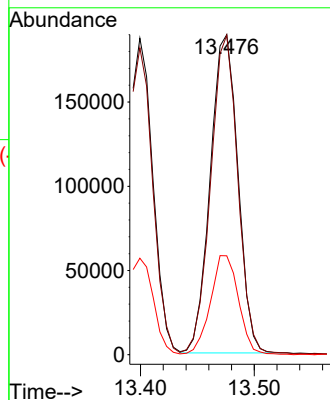
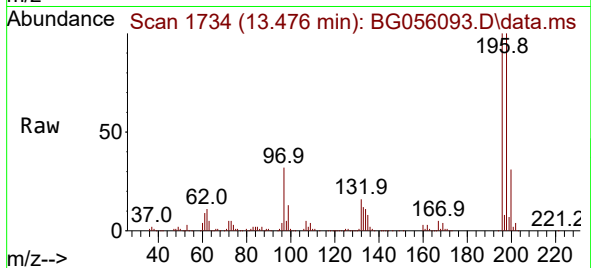




#42
2,4,5-Trichlorophenol
Concen: 82.891 ng/ul
RT: 13.476 min Scan# 1732
Delta R.T. 0.011 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

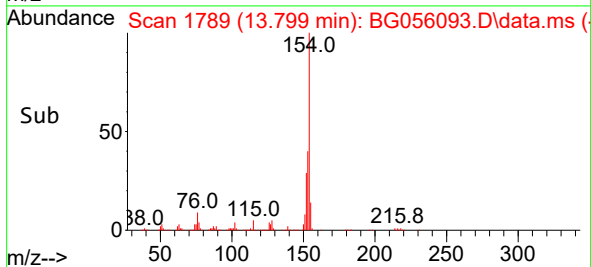
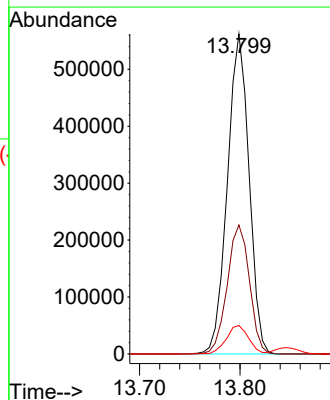
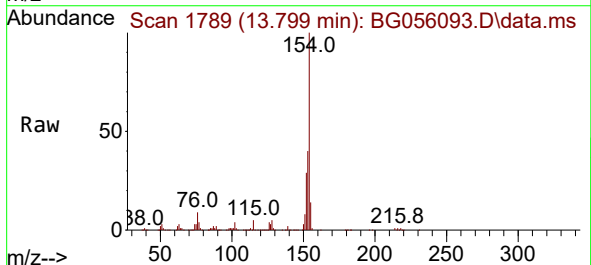
Instrument :
BNA_G
ClientSampleId :

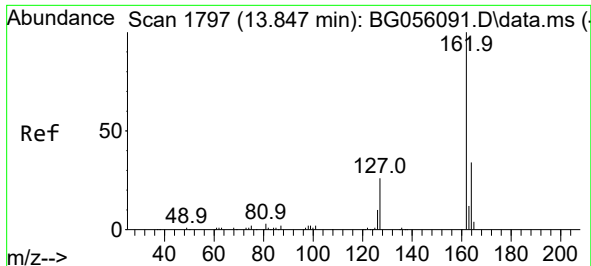
Tgt Ion:196 Resp: 319329
Ion Ratio Lower Upper
196 100
198 99.8 87.4 131.2
200 30.9 25.0 37.6



#43
1,1'-Biphenyl
Concen: 81.437 ng/ul
RT: 13.799 min Scan# 1789
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:154 Resp: 841549
Ion Ratio Lower Upper
154 100
153 40.3 31.3 46.9
76 8.9 7.4 11.0

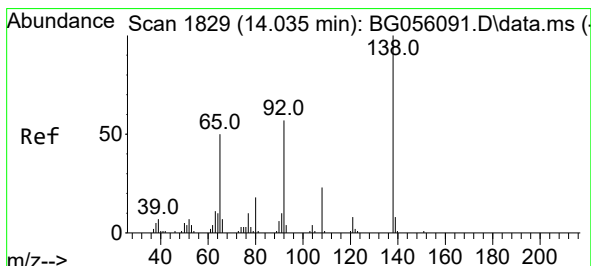
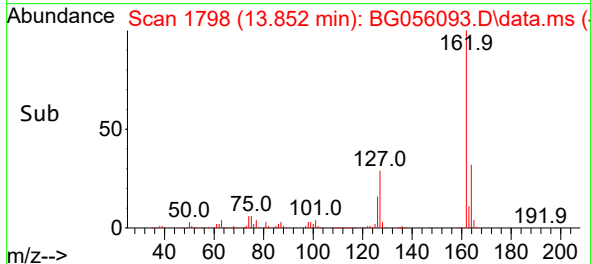
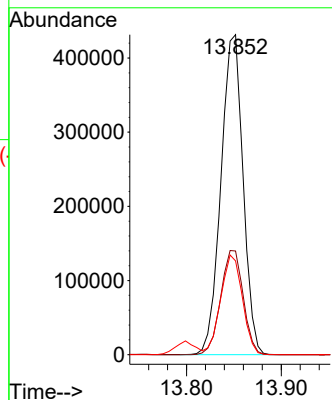
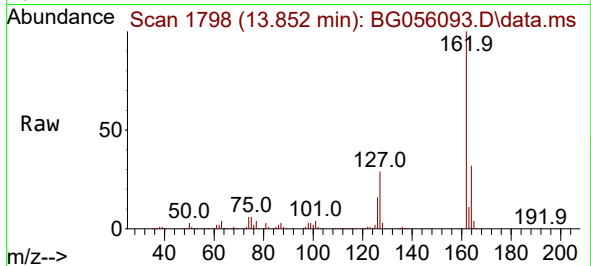




#44
2-Chloronaphthalene
Concen: 81.652 ng/ul
RT: 13.852 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

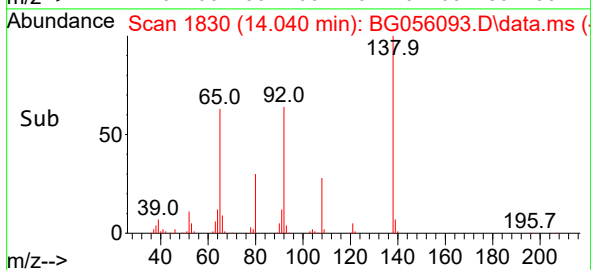
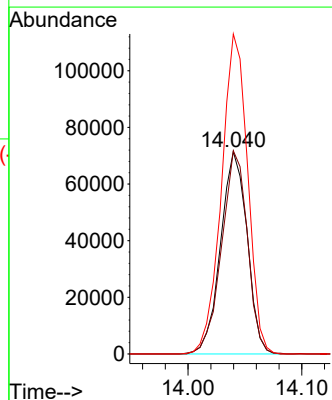
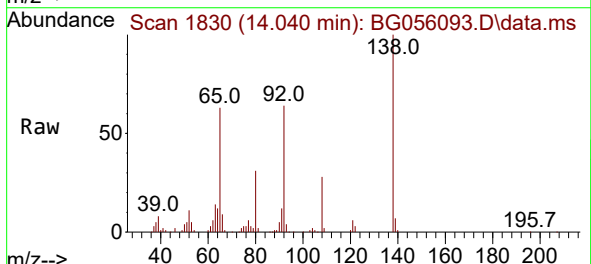
Instrument :
BNA_G
ClientSampleId :

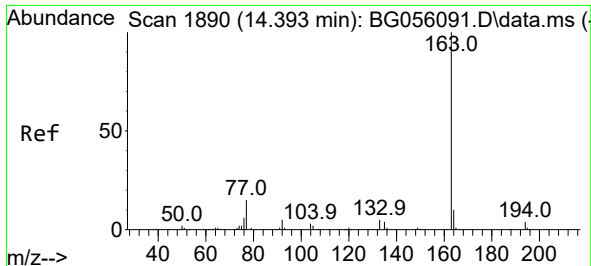
Tgt Ion:162 Resp: 699369
Ion Ratio Lower Upper
162 100
164 32.4 27.0 40.4
127 29.3 23.4 35.2



#45
2-Nitroaniline
Concen: 97.283 ng/ul
RT: 14.040 min Scan# 1830
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

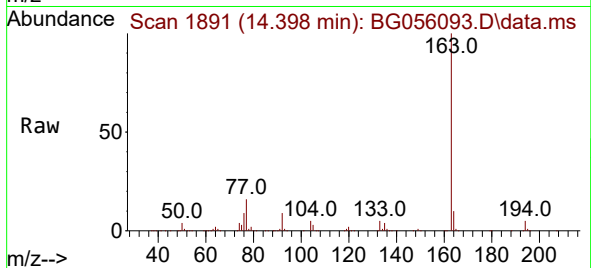
Tgt Ion: 65 Resp: 115712
Ion Ratio Lower Upper
65 100
92 100.4 92.6 138.8
138 158.1 162.2 243.4#



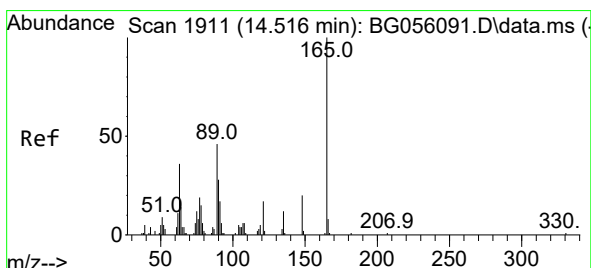
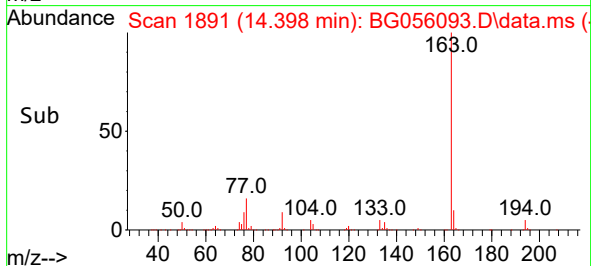
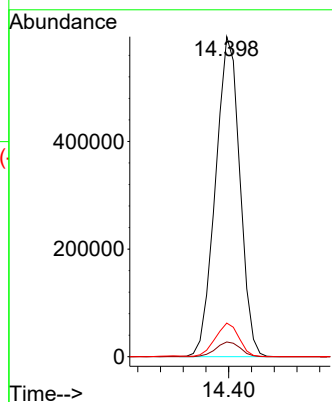


#47
Dimethylphthalate
Concen: 78.936 ng/ul
RT: 14.398 min Scan# 1891
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Instrument :
BNA_G
ClientSampleId :

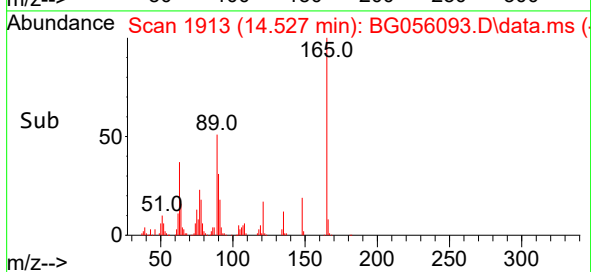
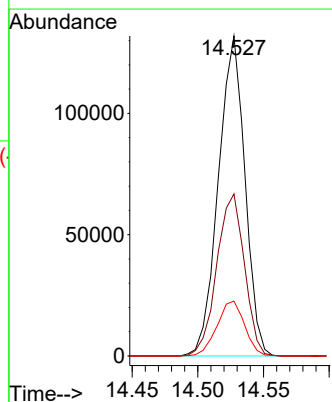
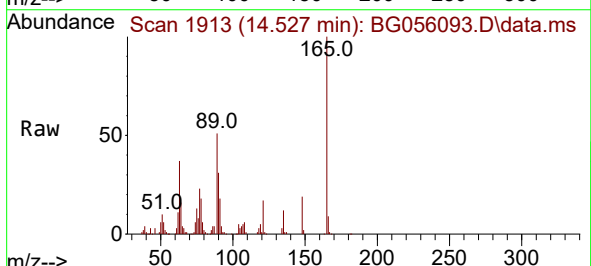


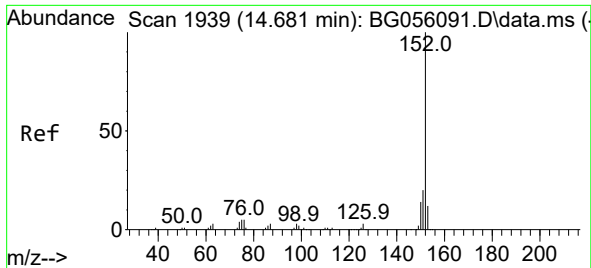
Tgt Ion:163 Resp: 885509
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 10.5 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 83.807 ng/ul
RT: 14.527 min Scan# 1913
Delta R.T. 0.011 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:165 Resp: 185570
Ion Ratio Lower Upper
165 100
89 50.6 37.0 55.6
121 17.2 13.6 20.4

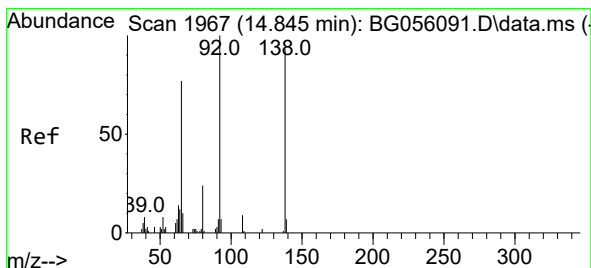
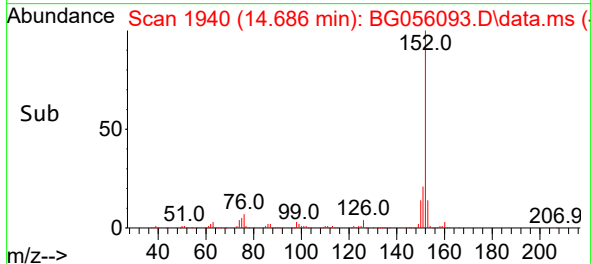
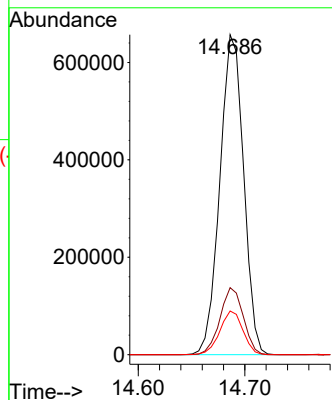
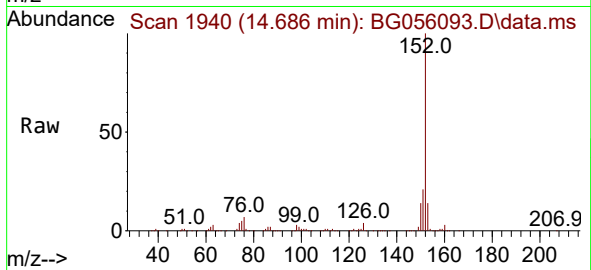




#50
Acenaphthylene
Concen: 80.014 ng/ul
RT: 14.686 min Scan# 1939
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

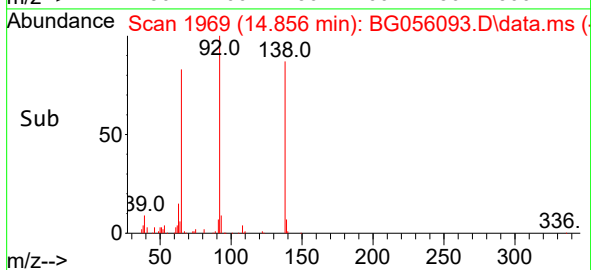
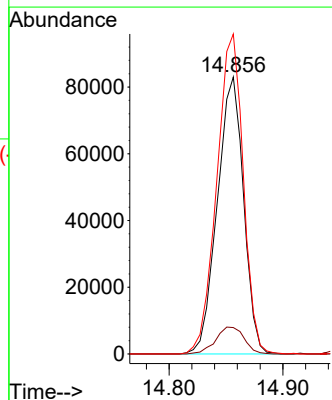
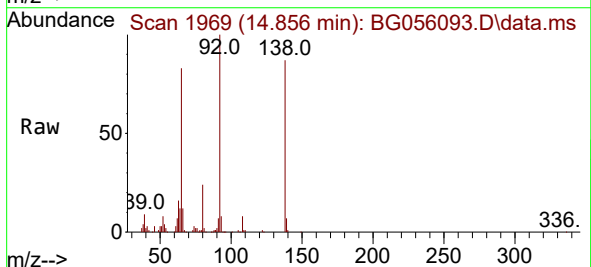
Instrument :
BNA_G
ClientSampleId :

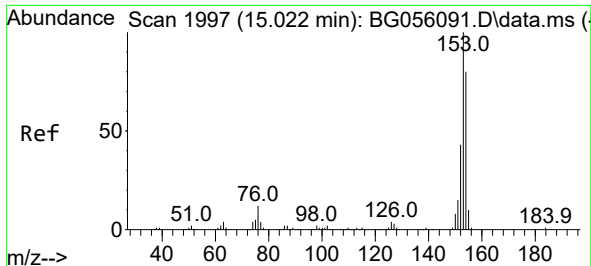
Tgt Ion:152 Resp: 1015900
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.2
153 13.7 9.7 14.5



#51
3-Nitroaniline
Concen: 79.943 ng/ul
RT: 14.856 min Scan# 1969
Delta R.T. 0.011 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:138 Resp: 132965
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 115.5 86.3 129.5

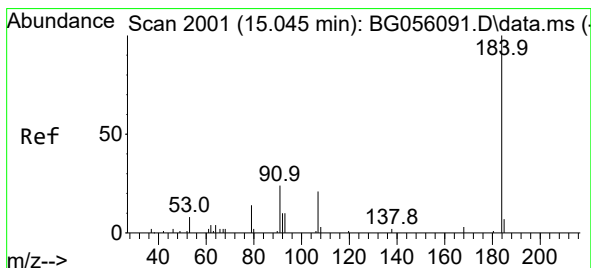
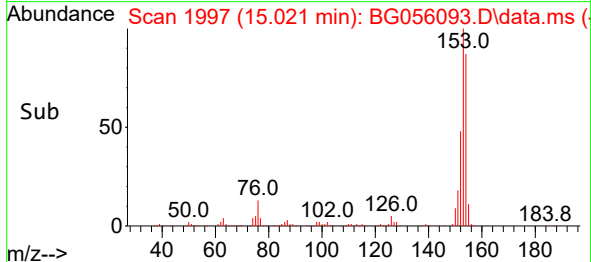
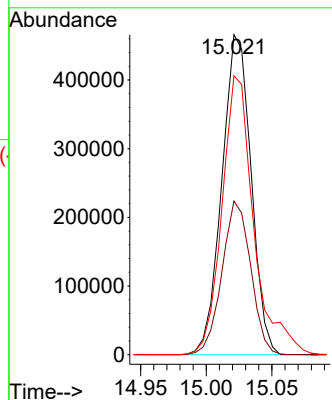
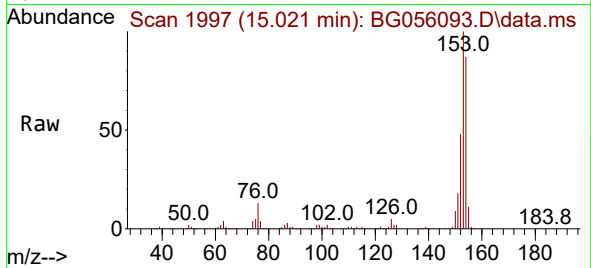




#52
Acenaphthene
Concen: 80.890 ng/ul
RT: 15.021 min Scan# 1997
Delta R.T. -0.001 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

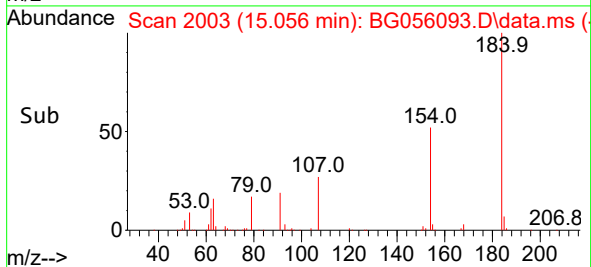
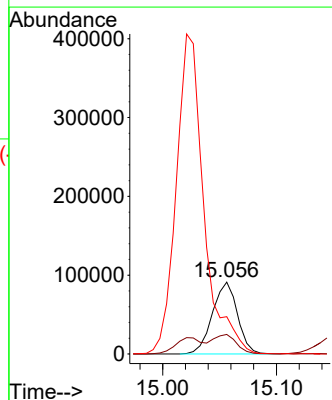
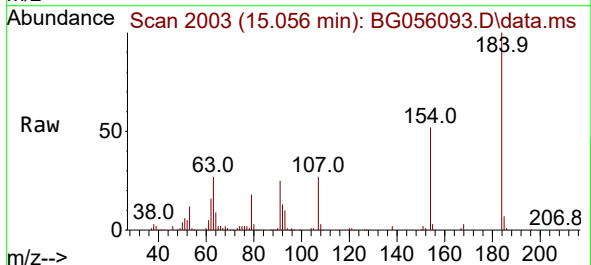
Instrument :
BNA_G
ClientSampleId :

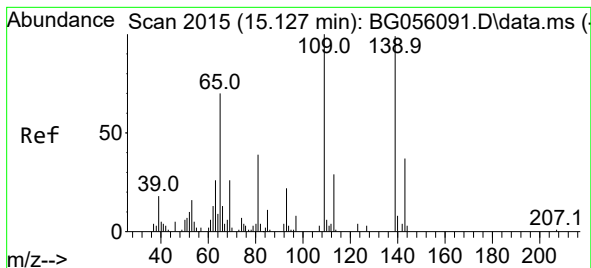
Tgt Ion:153 Resp: 721484
Ion Ratio Lower Upper
153 100
152 48.0 34.5 51.7
154 87.1 63.9 95.9



#53
2,4-Dinitrophenol
Concen: 81.053 ng/ul
RT: 15.056 min Scan# 2003
Delta R.T. 0.011 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:184 Resp: 139695
Ion Ratio Lower Upper
184 100
63 27.1 16.8 25.2#
154 51.8 47.1 70.7

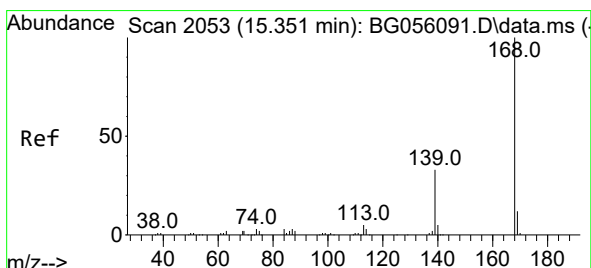
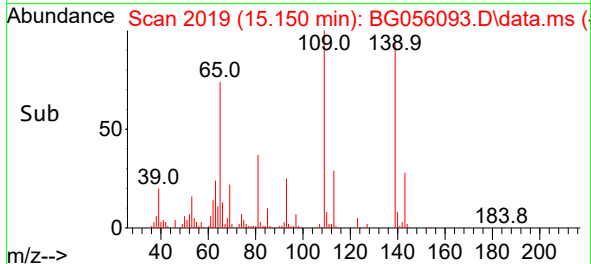
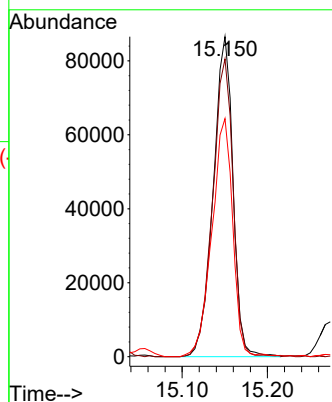
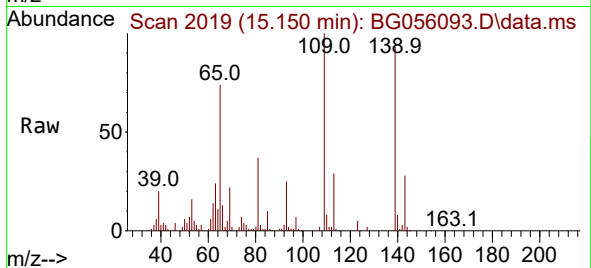




#55
4-Nitrophenol
Concen: 84.072 ng/ul
RT: 15.150 min Scan# 2019
Delta R.T. 0.023 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

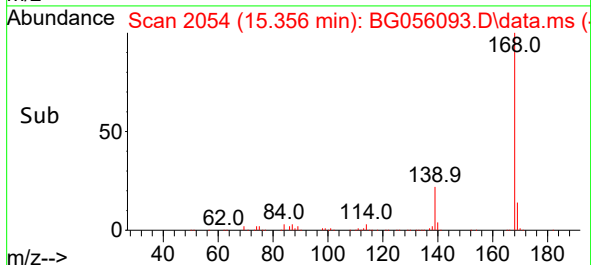
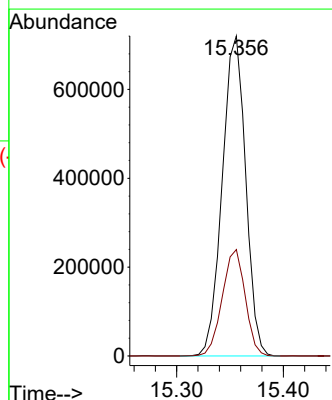
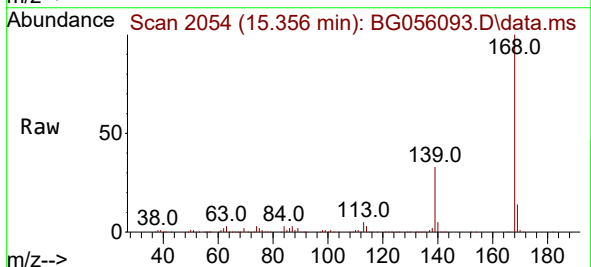
Instrument :
BNA_G
ClientSampleId :

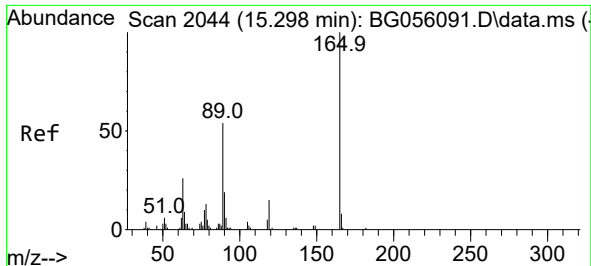
Tgt Ion:109 Resp: 139286
Ion Ratio Lower Upper
109 100
139 93.0 79.5 119.3
65 74.4 56.7 85.1



#56
Dibenzofuran
Concen: 78.671 ng/ul
RT: 15.356 min Scan# 2054
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:168 Resp: 1098322
Ion Ratio Lower Upper
168 100
139 33.2 26.3 39.5





#57

2,4-Dinitrotoluene

Concen: 82.690 ng/ul

RT: 15.309 min Scan# 2046

Delta R.T. 0.011 min

Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

Instrument :

BNA_G

ClientSampleId :

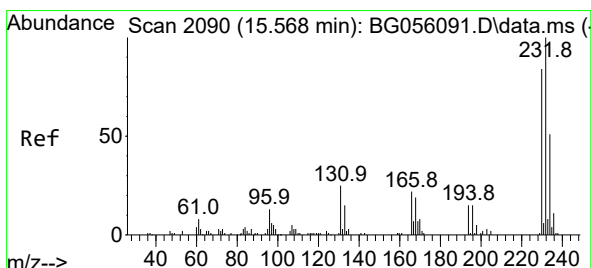
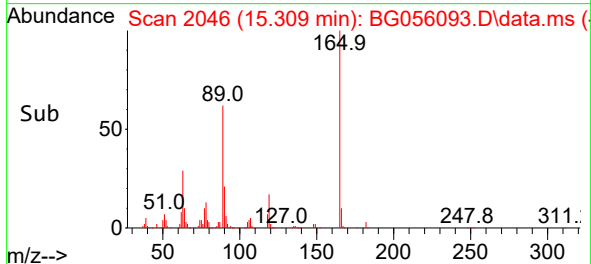
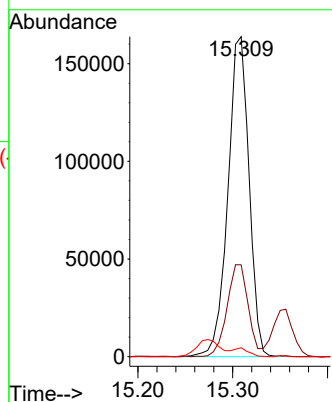
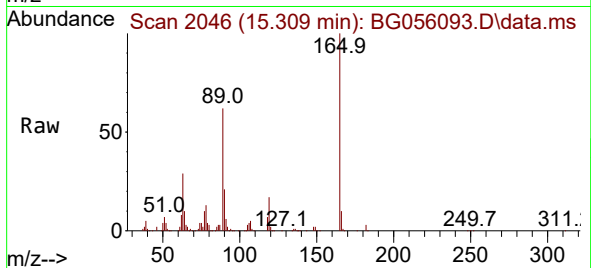
Tgt Ion:165 Resp: 253908

Ion Ratio Lower Upper

165 100

63 28.7 20.9 31.3

182 2.8 1.8 2.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 82.380 ng/ul

RT: 15.573 min Scan# 2091

Delta R.T. 0.005 min

Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

Tgt Ion:232 Resp: 313707

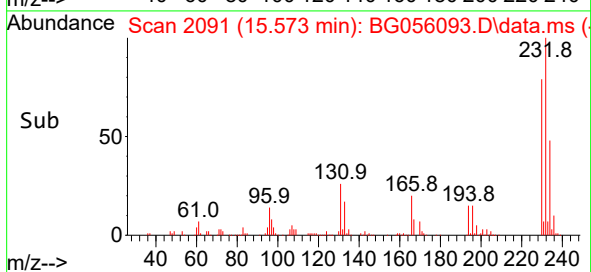
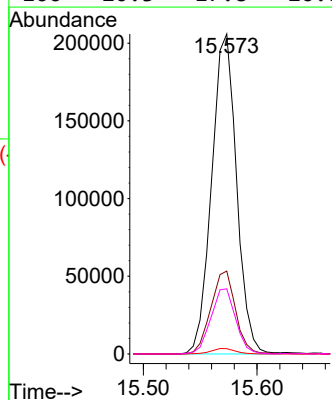
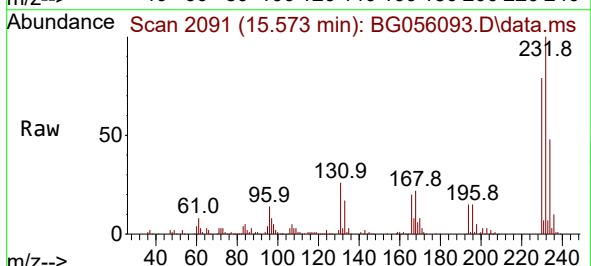
Ion Ratio Lower Upper

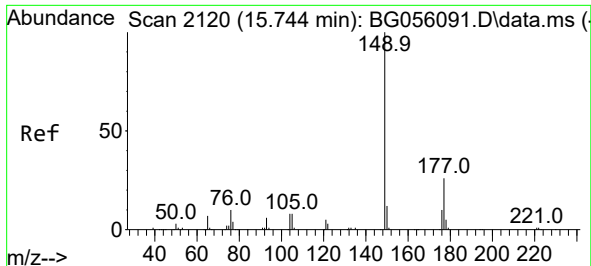
232 100

131 25.9 20.2 30.4

130 1.7 1.0 1.6#

166 20.3 17.8 26.8





#59

Diethylphthalate

Concen: 79.503 ng/ul

RT: 15.750 min Scan# 2121

Delta R.T. 0.005 min

Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

Instrument :

BNA_G

ClientSampleId :

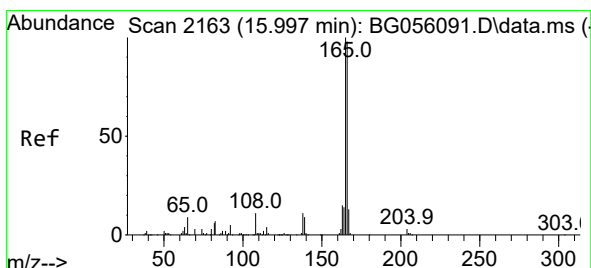
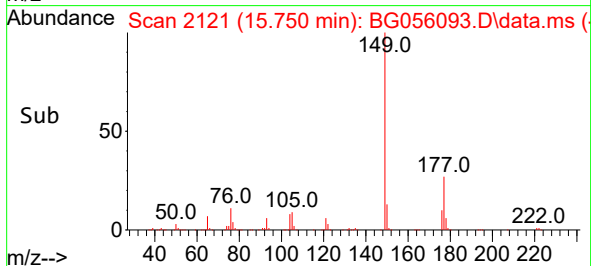
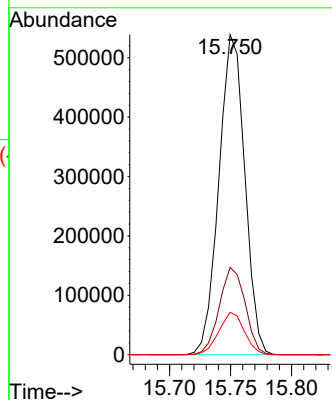
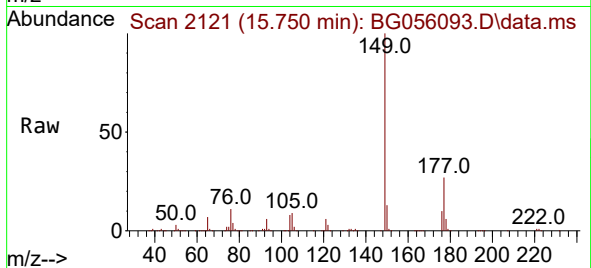
Tgt Ion:149 Resp: 796806

Ion Ratio Lower Upper

149 100

177 27.3 20.5 30.7

150 13.2 9.8 14.8



#61

Fluorene

Concen: 77.611 ng/ul

RT: 16.002 min Scan# 2164

Delta R.T. 0.005 min

Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

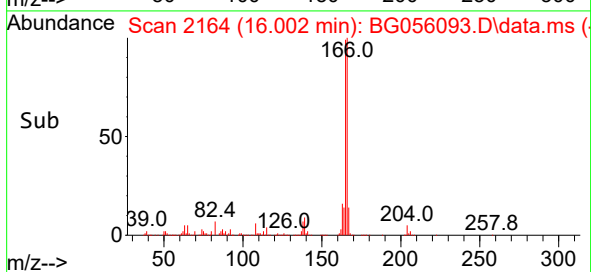
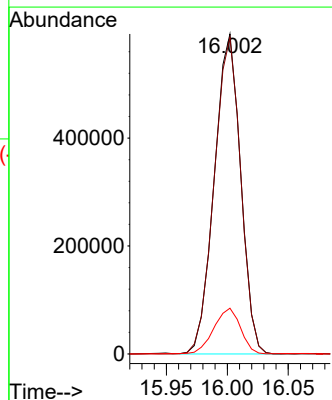
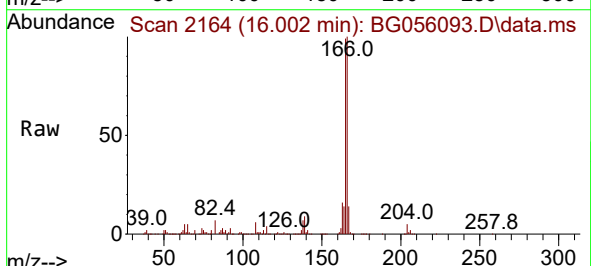
Tgt Ion:166 Resp: 890053

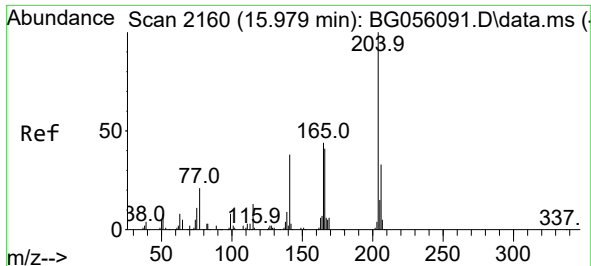
Ion Ratio Lower Upper

166 100

165 98.9 81.8 122.8

167 14.3 10.9 16.3





#62

4-Chlorophenyl-phenylether

Concen: 77.203 ng/ul

RT: 15.985 min Scan# 2161

Delta R.T. 0.005 min

Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

Instrument :

BNA_G

ClientSampleId :

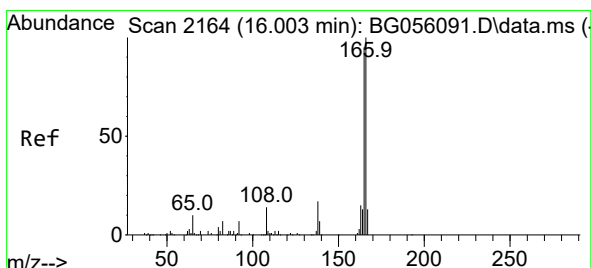
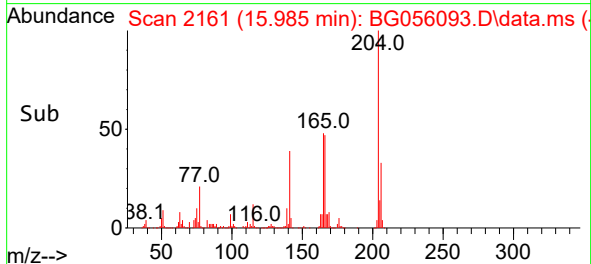
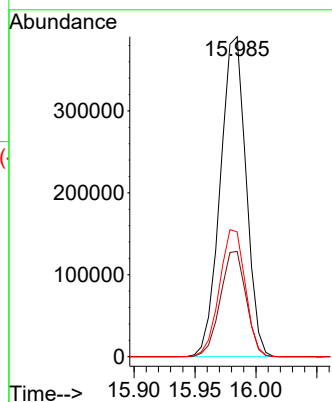
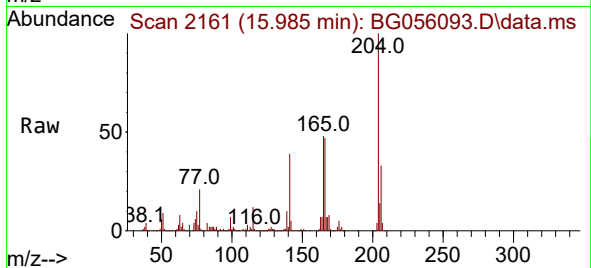
Tgt Ion:204 Resp: 575183

Ion Ratio Lower Upper

204 100

206 32.9 26.3 39.5

141 39.0 30.5 45.7



#63

4-Nitroaniline

Concen: 83.717 ng/ul

RT: 16.014 min Scan# 2166

Delta R.T. 0.011 min

Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

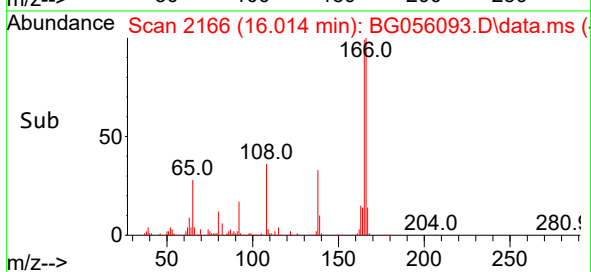
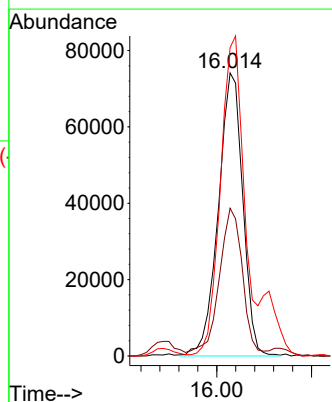
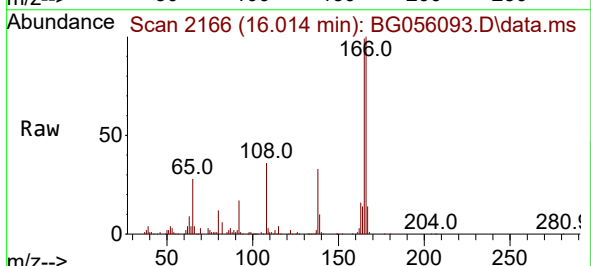
Tgt Ion:138 Resp: 132865

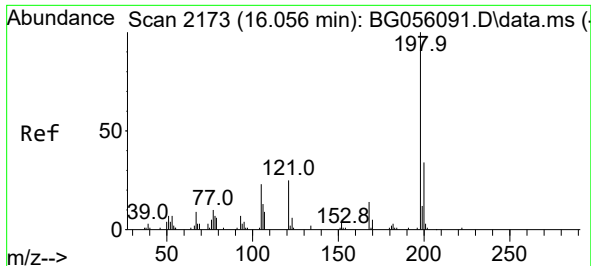
Ion Ratio Lower Upper

138 100

92 52.2 32.6 49.0#

108 109.0 66.3 99.5#

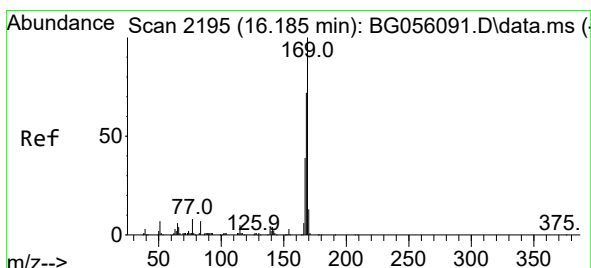
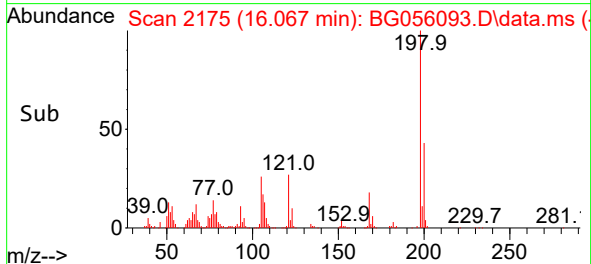
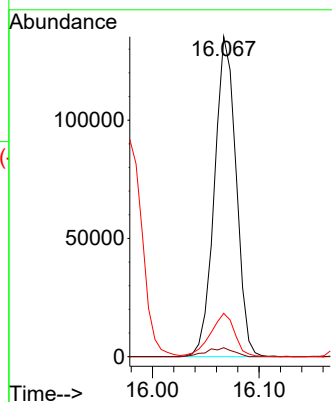
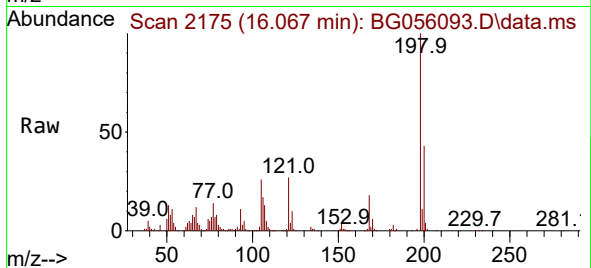




#66
4,6-Dinitro-2-methylphenol
Concen: 81.429 ng/ul
RT: 16.067 min Scan# 2175
Delta R.T. 0.011 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

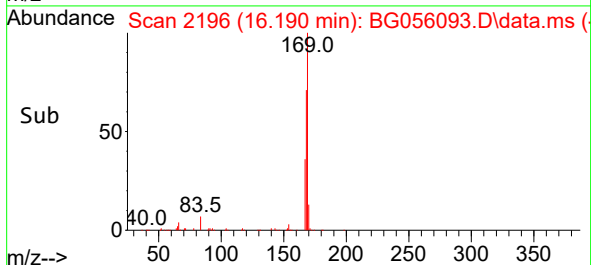
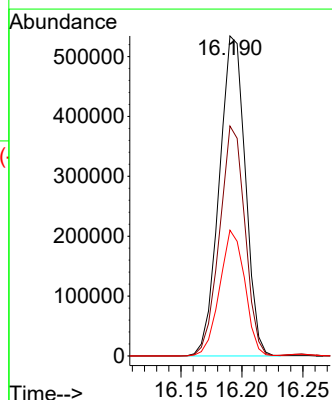
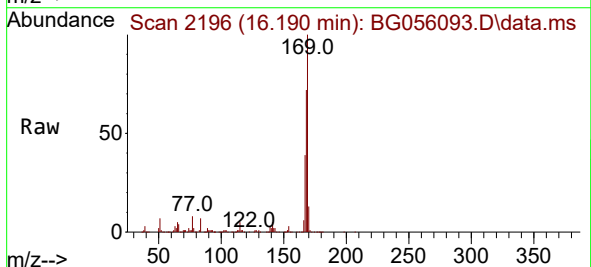
Instrument :
BNA_G
ClientSampleId :

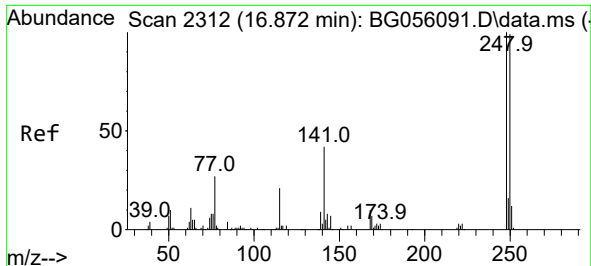
Tgt Ion:198 Resp: 190751
Ion Ratio Lower Upper
198 100
182 2.8 2.1 3.1
77 13.5 8.2 12.2#



#67
N-Nitrosodiphenylamine
Concen: 82.468 ng/ul
RT: 16.190 min Scan# 2196
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:169 Resp: 794187
Ion Ratio Lower Upper
169 100
168 71.8 57.4 86.0
167 39.3 31.1 46.7

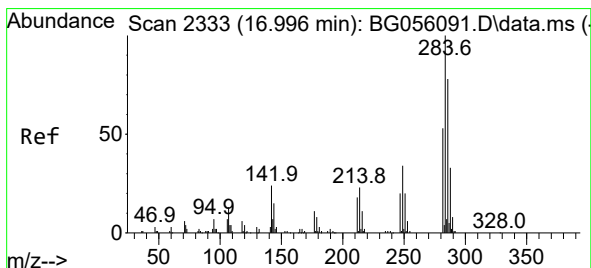
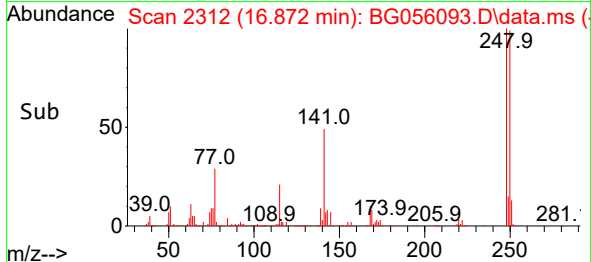
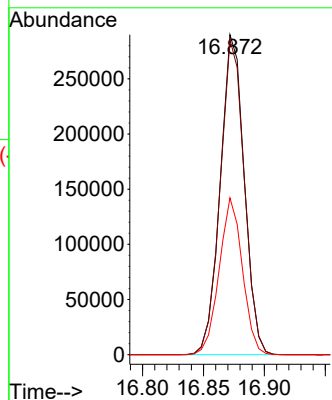
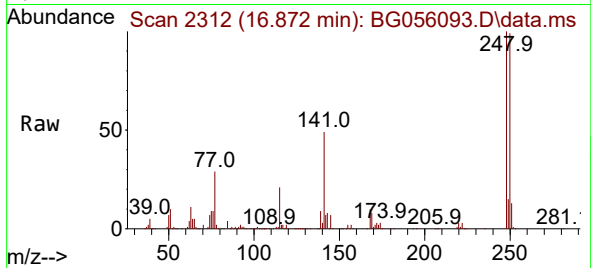




#68
4-Bromophenyl-phenylether
Concen: 82.301 ng/ul
RT: 16.872 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

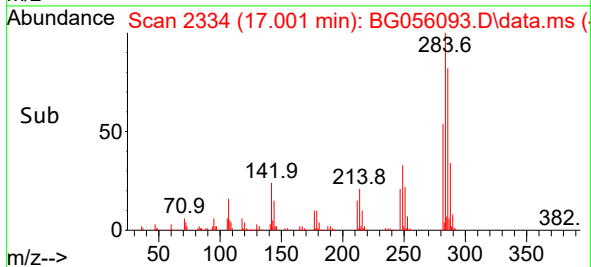
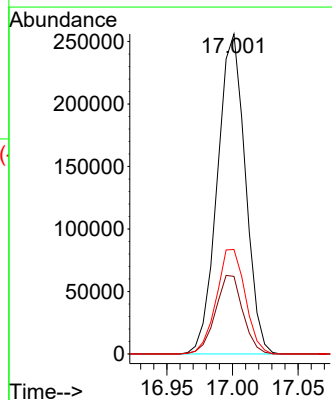
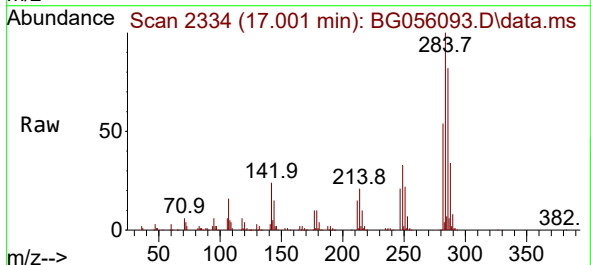
Instrument :
BNA_G
ClientSampleId :

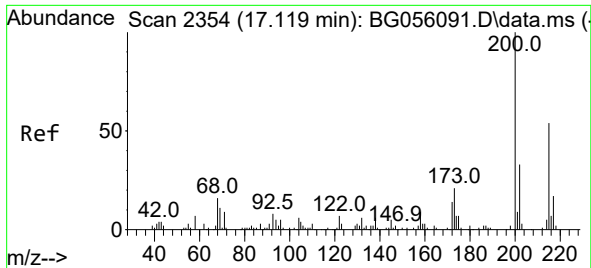
Tgt Ion:248 Resp: 396578
Ion Ratio Lower Upper
248 100
250 98.5 79.4 119.2
141 49.0 33.9 50.9



#69
Hexachlorobenzene
Concen: 81.314 ng/ul
RT: 17.001 min Scan# 2334
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:284 Resp: 379225
Ion Ratio Lower Upper
284 100
142 22.6 18.1 27.1
249 32.7 25.2 37.8

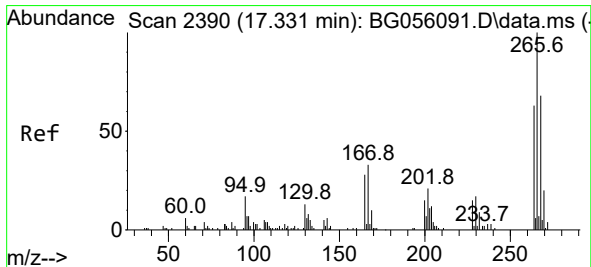
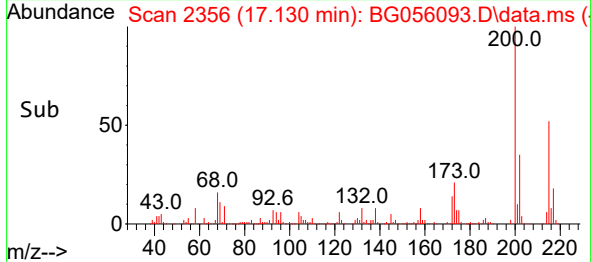
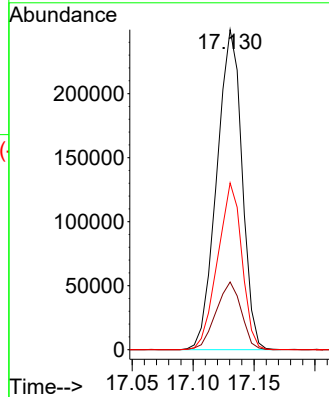
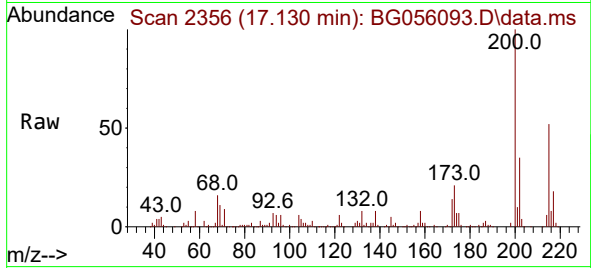




#70
 Atrazine
 Concen: 78.346 ng/ul
 RT: 17.130 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BG056093.D
 Acq: 24 Dec 2022 17:07

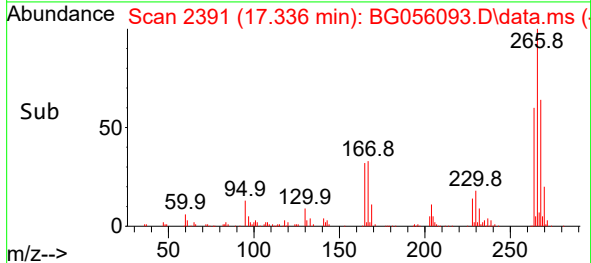
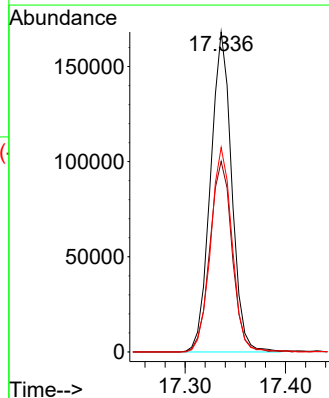
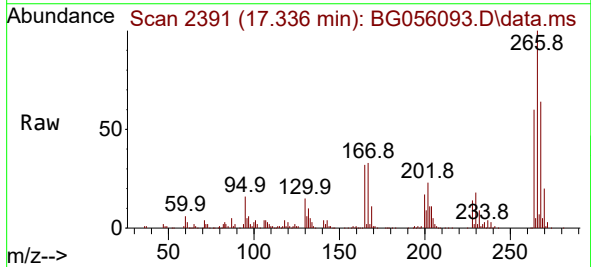
Instrument :
 BNA_G
 ClientSampleId :

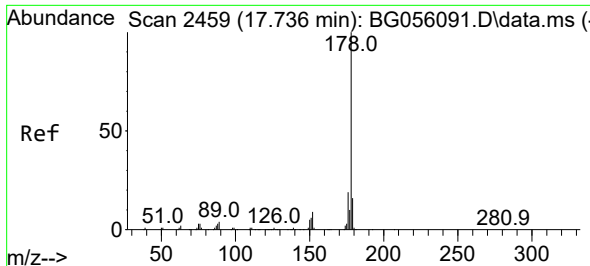
Tgt Ion:200 Resp: 359743
 Ion Ratio Lower Upper
 200 100
 173 21.2 16.9 25.3
 215 52.1 42.8 64.2



#71
 Pentachlorophenol
 Concen: 83.350 ng/ul
 RT: 17.336 min Scan# 2391
 Delta R.T. 0.005 min
 Lab File: BG056093.D
 Acq: 24 Dec 2022 17:07

Tgt Ion:266 Resp: 247138
 Ion Ratio Lower Upper
 266 100
 264 59.6 50.7 76.1
 268 63.9 58.3 87.5

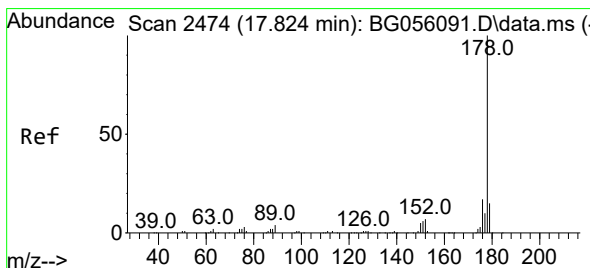
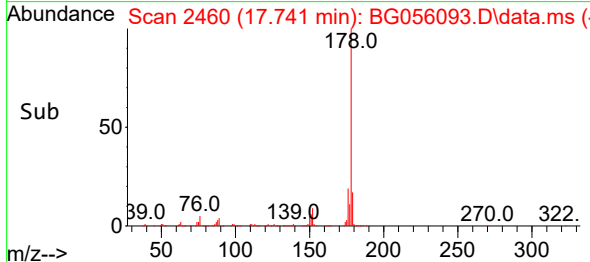
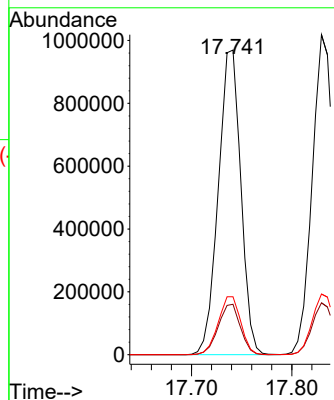
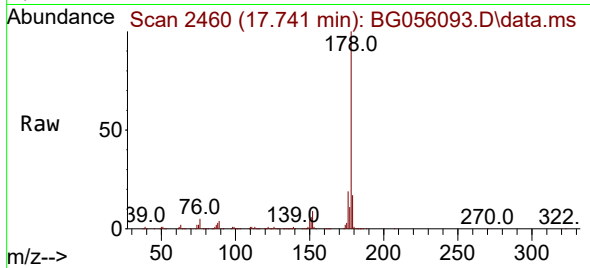




#72
Phenanthrene
Concen: 78.408 ng/ul
RT: 17.741 min Scan# 2459
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

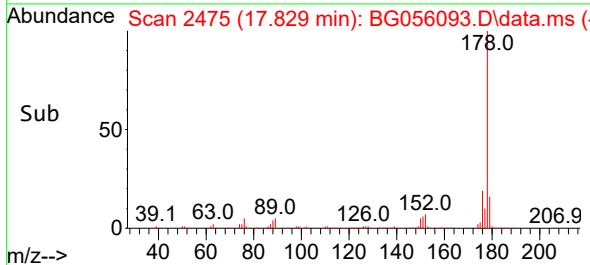
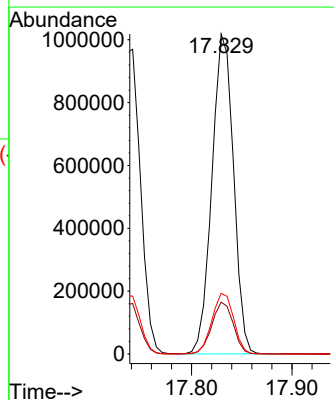
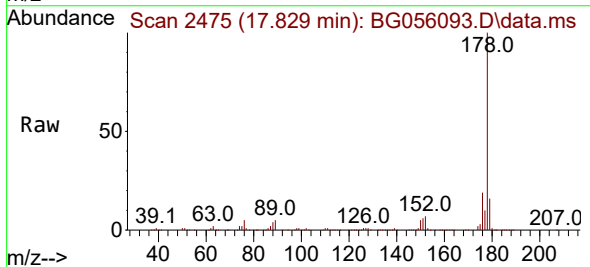
Instrument :
BNA_G
ClientSampleId :

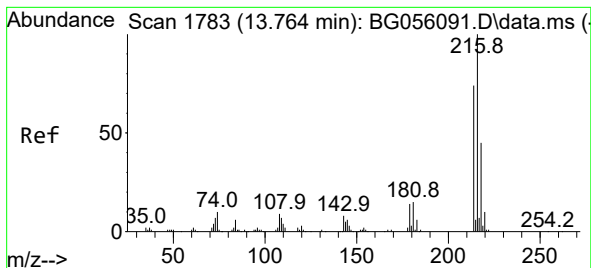
Tgt Ion:178 Resp: 1512929
Ion Ratio Lower Upper
178 100
179 16.6 12.7 19.1
176 19.0 15.0 22.4



#74
Anthracene
Concen: 77.067 ng/ul
RT: 17.829 min Scan# 2475
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:178 Resp: 1522282
Ion Ratio Lower Upper
178 100
179 16.2 12.1 18.1
176 18.9 13.9 20.9

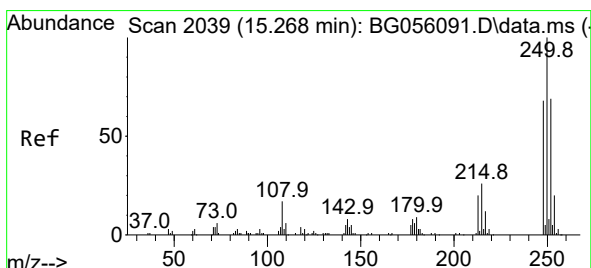
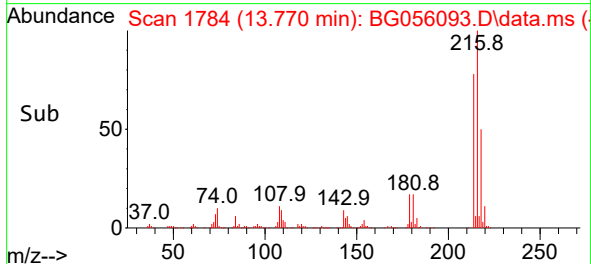
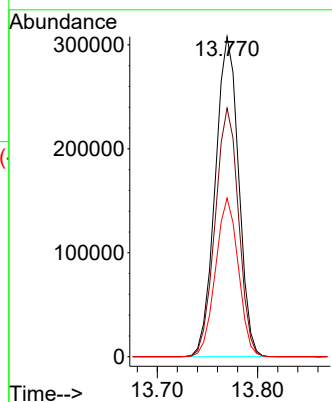
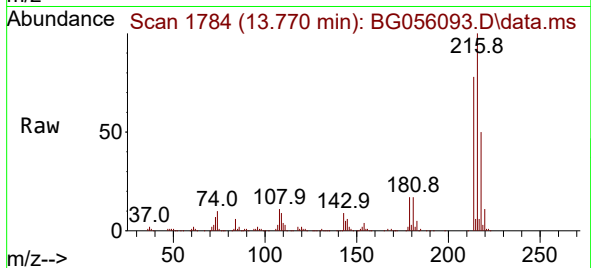




#75
1,2,3,4-Tetrachlorobenzene
Concen: 86.341 ng/uL
RT: 13.770 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

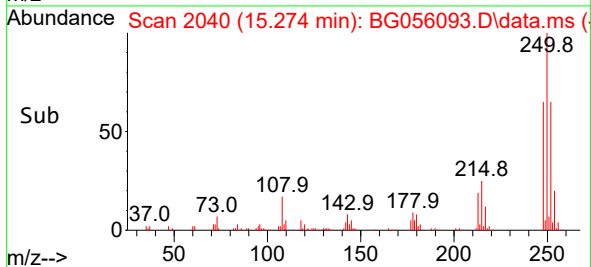
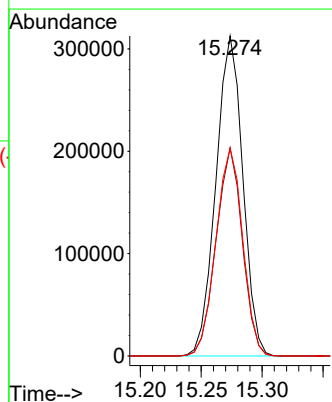
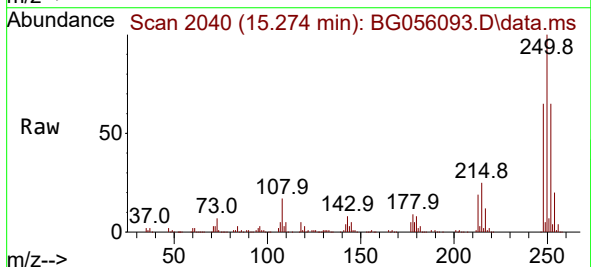
Instrument :
BNA_G
ClientSampleId :

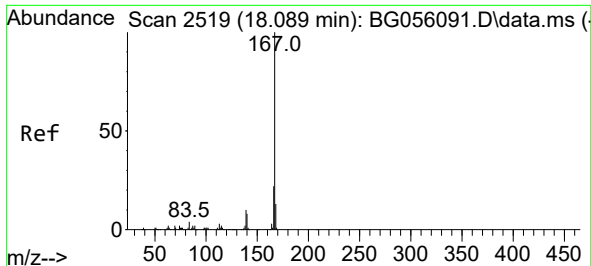
Tgt Ion:216 Resp: 497782
Ion Ratio Lower Upper
216 100
214 77.6 59.0 88.6
218 49.5 36.0 54.0



#76
Pentachlorobenzene
Concen: 84.436 ng/uL
RT: 15.274 min Scan# 2040
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:250 Resp: 480546
Ion Ratio Lower Upper
250 100
248 65.0 54.4 81.6
252 65.0 59.1 88.7

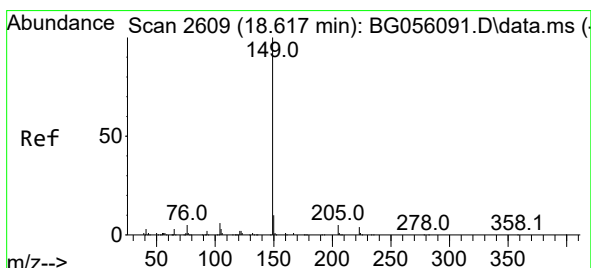
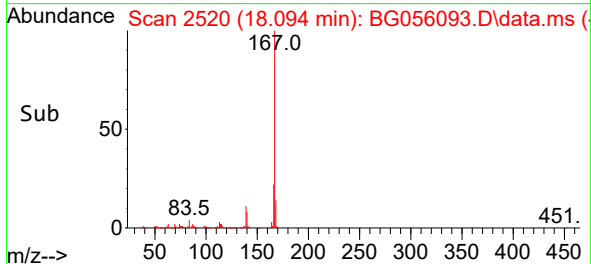
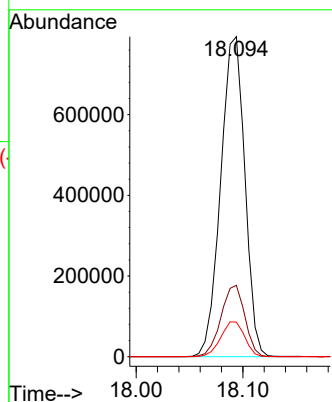
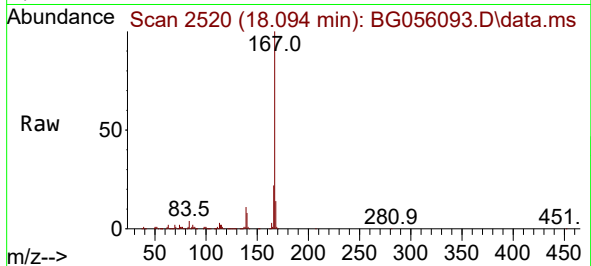




#77
Carbazole
Concen: 77.277 ng/ul
RT: 18.094 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

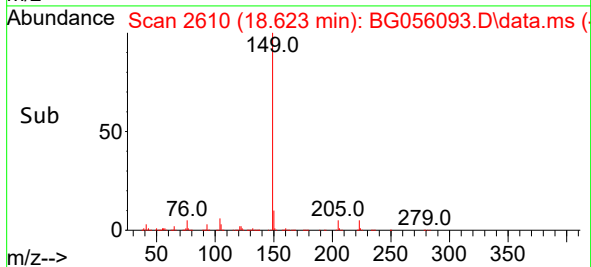
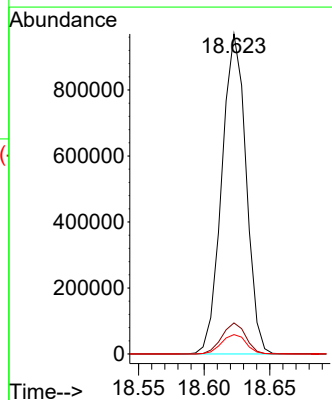
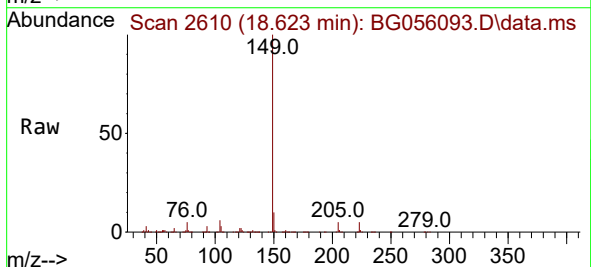
Instrument :
BNA_G
ClientSampleId :

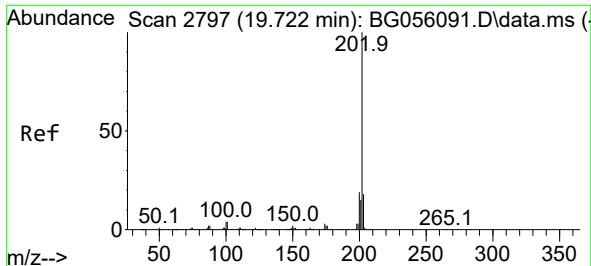
Tgt Ion:167 Resp: 1247957
Ion Ratio Lower Upper
167 100
166 22.3 17.4 26.0
139 10.8 8.3 12.5



#78
Di-n-butylphthalate
Concen: 84.580 ng/ul
RT: 18.623 min Scan# 2610
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:149 Resp: 1247933
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 6.0 4.6 7.0

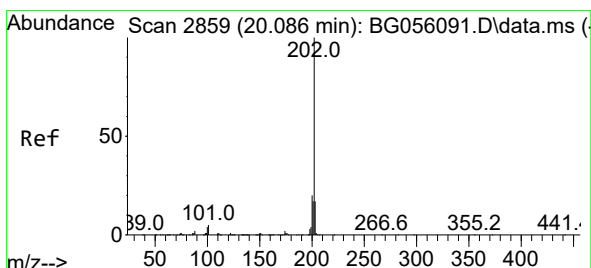
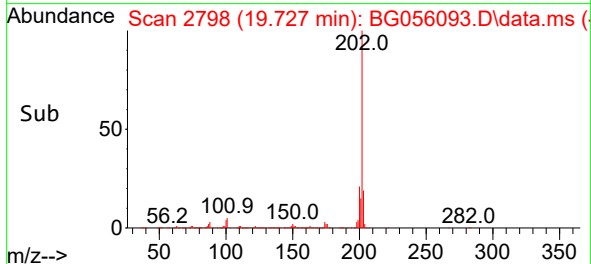
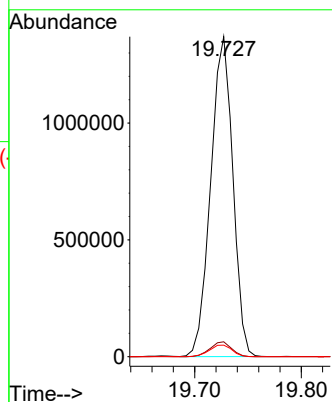
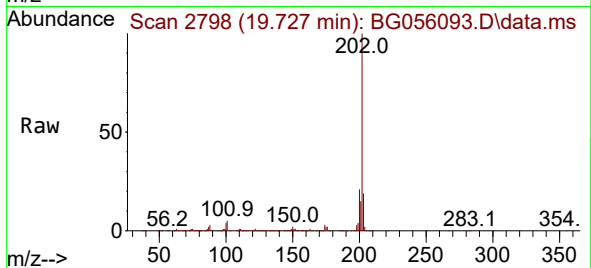




#80
Fluoranthene
Concen: 79.279 ng/ul
RT: 19.727 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

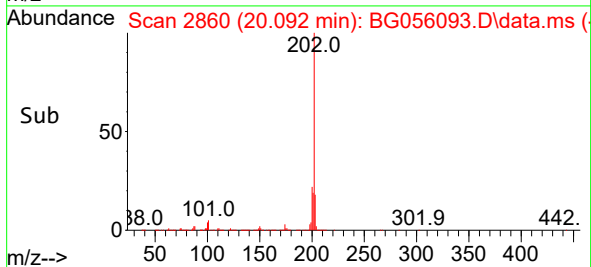
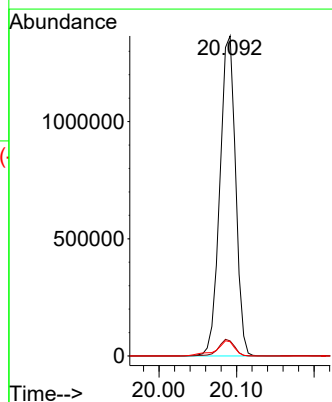
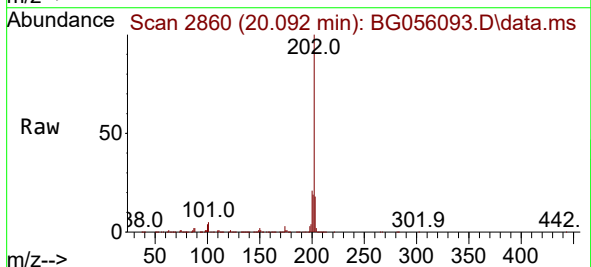
Instrument :
BNA_G
ClientSampleId :

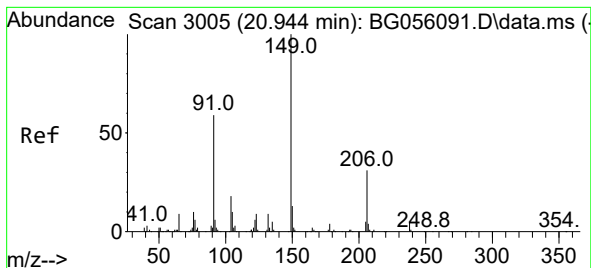
Tgt Ion:202 Resp: 1968857
Ion Ratio Lower Upper
202 100
101 4.6 3.2 4.8
100 3.6 3.0 4.4



#82
Pyrene
Concen: 76.951 ng/ul
RT: 20.092 min Scan# 2860
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:202 Resp: 1927843
Ion Ratio Lower Upper
202 100
101 4.7 3.6 5.4
100 4.5 3.3 4.9





#83

Butylbenzylphthalate

Concen: 97.479 ng/ul

RT: 20.949 min Scan# 3005

Delta R.T. 0.005 min

Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

Instrument :

BNA_G

ClientSampleId :

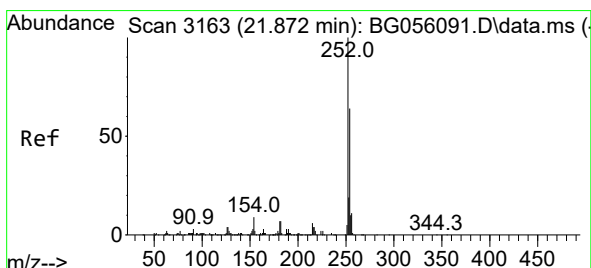
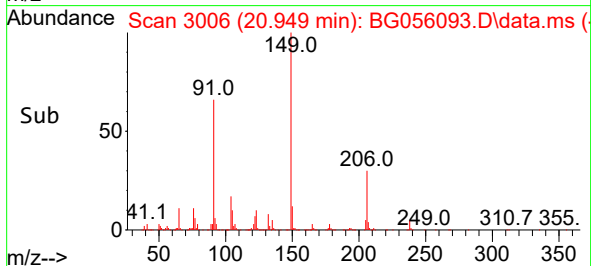
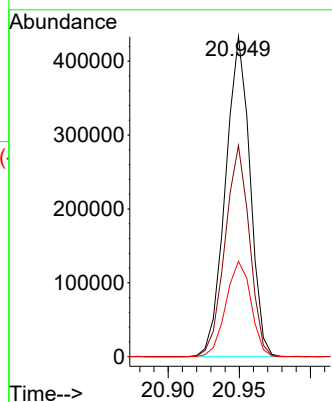
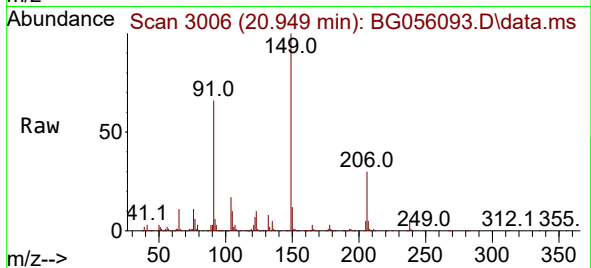
Tgt Ion:149 Resp: 519697

Ion Ratio Lower Upper

149 100

91 66.0 46.9 70.3

206 29.8 24.6 36.8



#84

3,3'-Dichlorobenzidine

Concen: 76.744 ng/ul

RT: 21.878 min Scan# 3164

Delta R.T. 0.005 min

Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

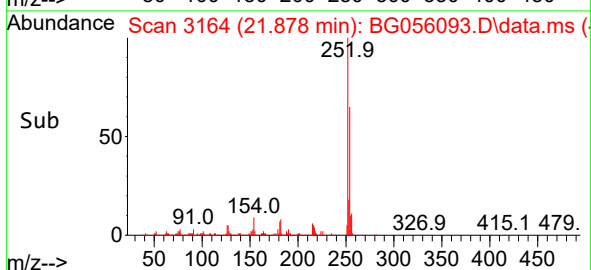
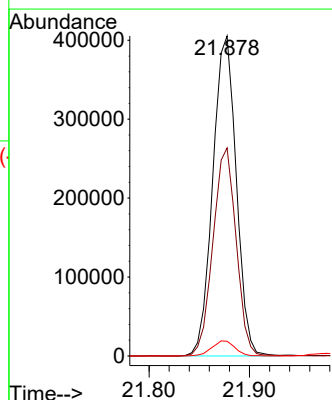
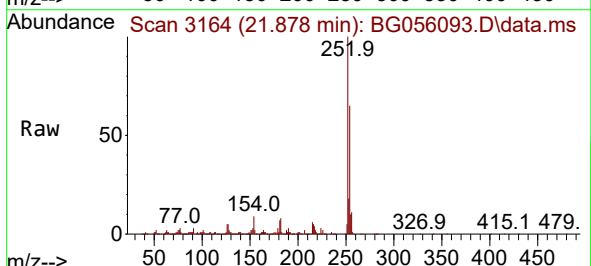
Tgt Ion:252 Resp: 659387

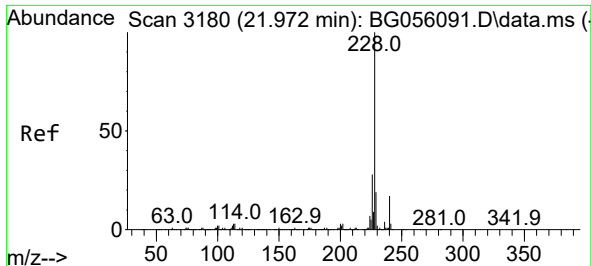
Ion Ratio Lower Upper

252 100

254 65.0 50.8 76.2

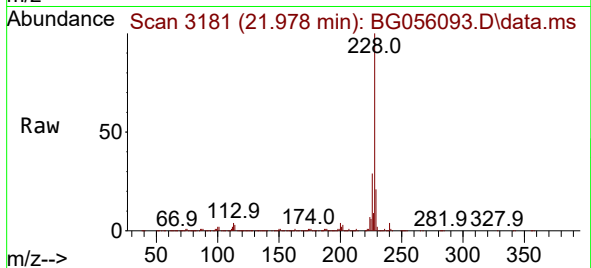
126 4.6 3.4 5.0



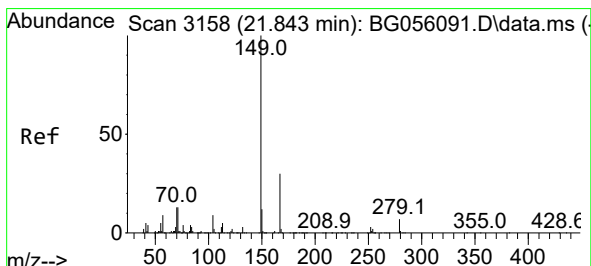
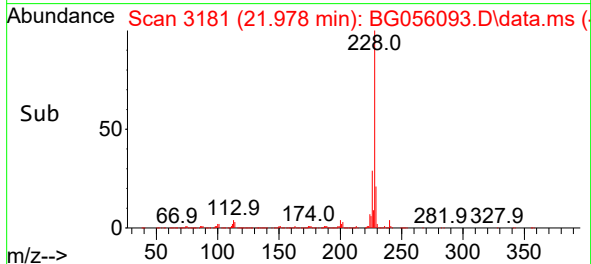
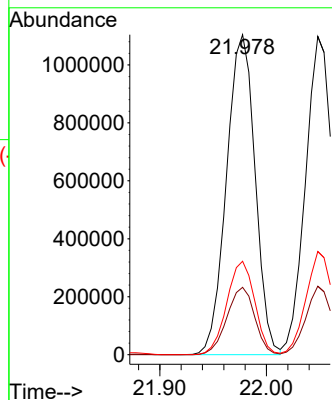


#85
Benzo(a)anthracene
Concen: 78.917 ng/ul
RT: 21.978 min Scan# 3180
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Instrument :
BNA_G
ClientSampleId :

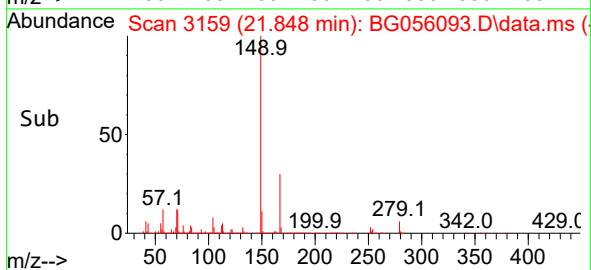
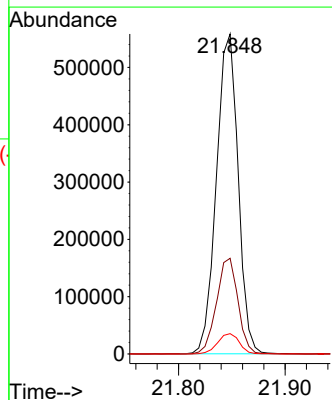
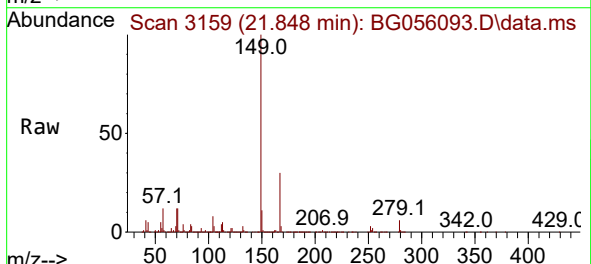


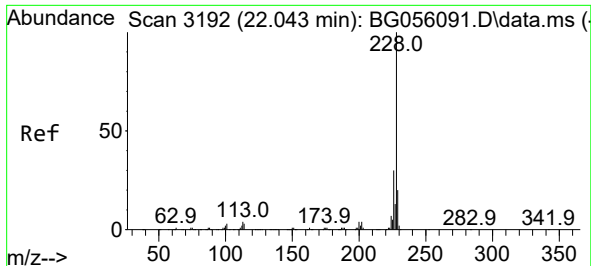
Tgt Ion:228 Resp: 2059849
Ion Ratio Lower Upper
228 100
229 21.0 15.5 23.3
226 29.2 22.3 33.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 96.461 ng/ul
RT: 21.848 min Scan# 3159
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

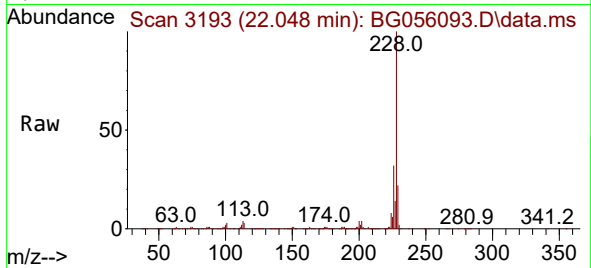
Tgt Ion:149 Resp: 787820
Ion Ratio Lower Upper
149 100
167 29.9 23.7 35.5
279 6.3 5.4 8.0



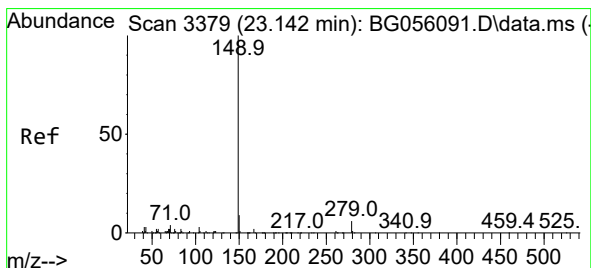
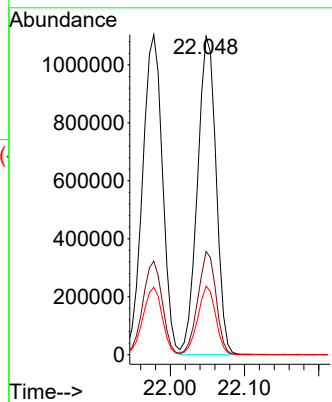
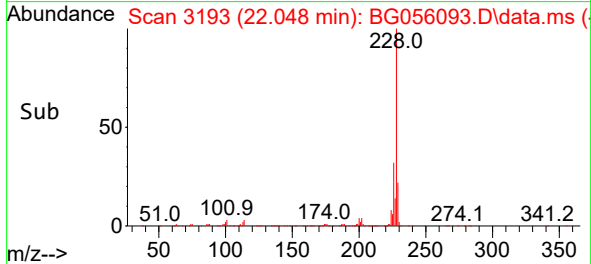


#87
Chrysene
Concen: 78.829 ng/ul
RT: 22.048 min Scan# 3192
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Instrument :
BNA_G
ClientSampleId :

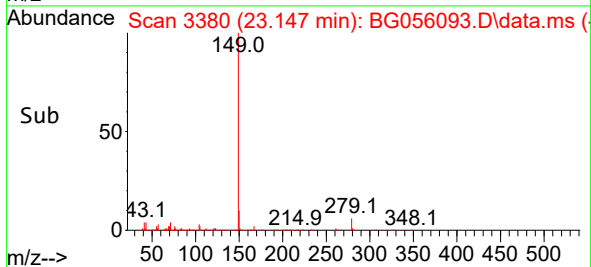
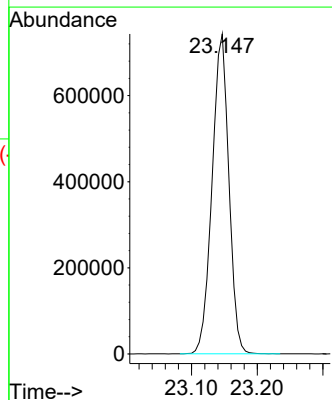
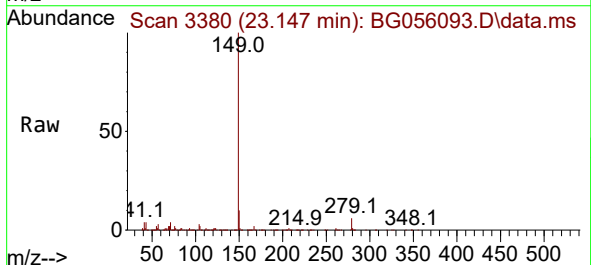


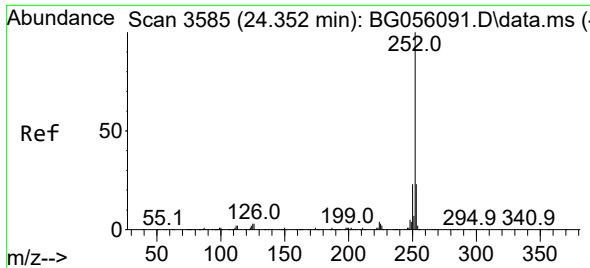
Tgt Ion:228 Resp: 1909541
Ion Ratio Lower Upper
228 100
226 32.5 23.9 35.9
229 21.5 16.2 24.4



#89
Di-n-octyl phthalate
Concen: 86.391 ng/ul
RT: 23.147 min Scan# 3380
Delta R.T. 0.005 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

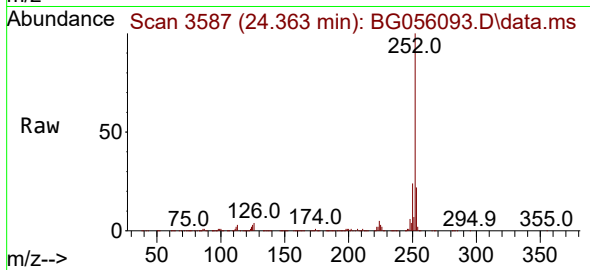
Tgt Ion:149 Resp: 1317808



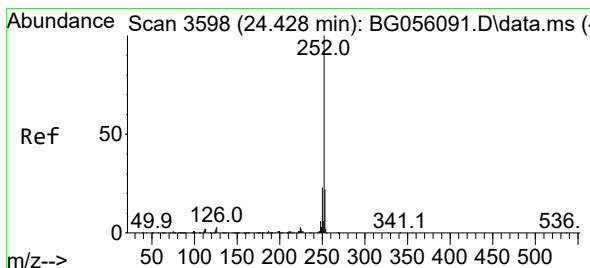
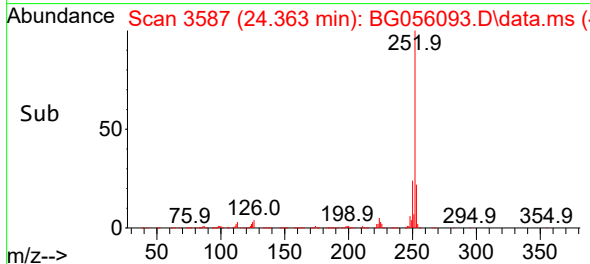
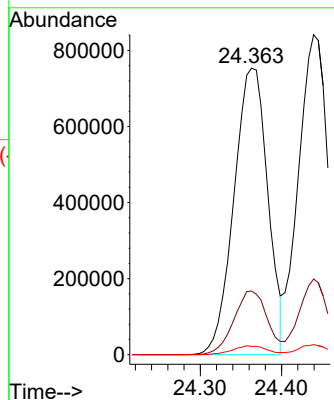


#90
Benzo(b)fluoranthene
Concen: 80.073 ng/ul
RT: 24.363 min Scan# 3587
Delta R.T. 0.011 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Instrument :
BNA_G
ClientSampleId :

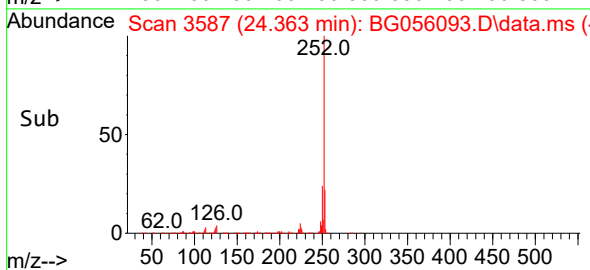
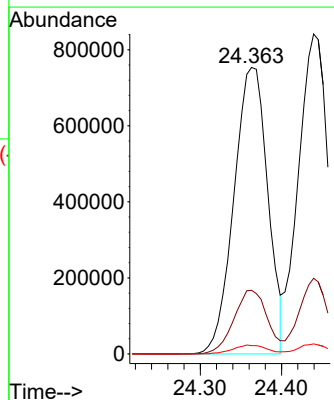
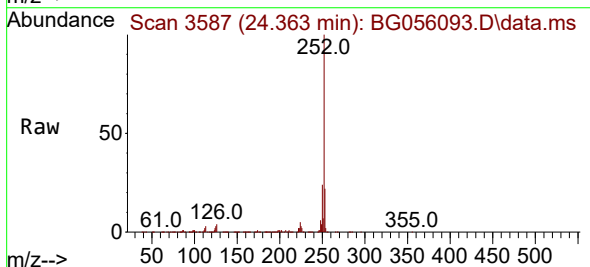


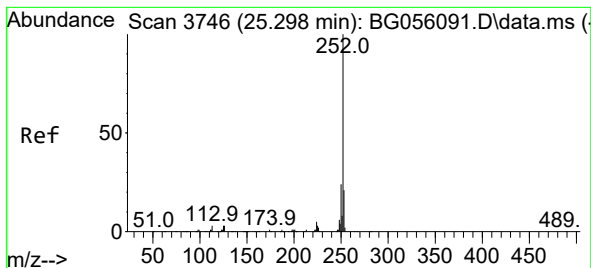
Tgt Ion:252 Resp: 2178933
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 2.9 2.2 3.4



#91
Benzo(k)fluoranthene
Concen: 82.106 ng/ul
RT: 24.363 min Scan# 3587
Delta R.T. -0.065 min
Lab File: BG056093.D
Acq: 24 Dec 2022 17:07

Tgt Ion:252 Resp: 2178933
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 2.9 2.0 3.0





#93

Benzo(a)pyrene

Concen: 79.728 ng/ul

RT: 25.321 min Scan# 31

Delta R.T. 0.023 min

Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

Instrument :

BNA_G

ClientSampleId :

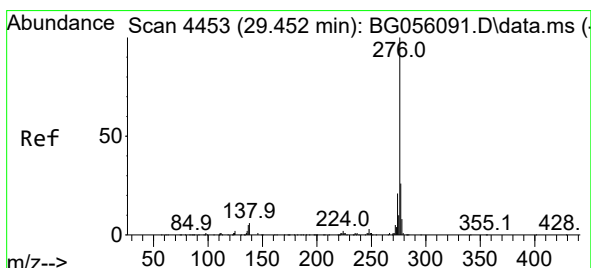
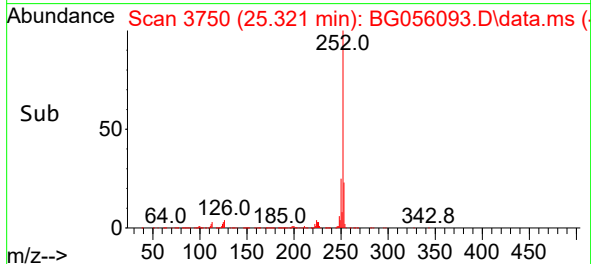
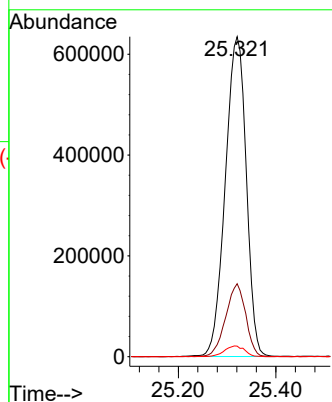
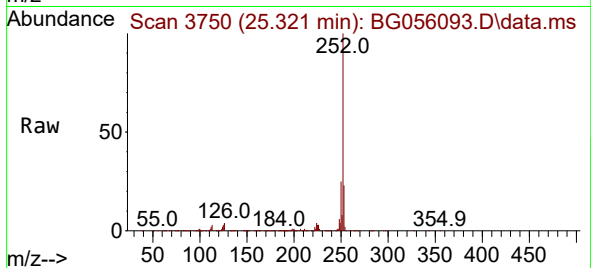
Tgt Ion:252 Resp: 1890482

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

125 3.3 2.3 3.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 79.553 ng/ul

RT: 29.486 min Scan# 4459

Delta R.T. 0.035 min

Lab File: BG056093.D

Acq: 24 Dec 2022 17:07

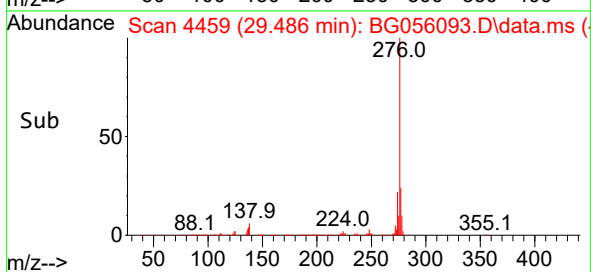
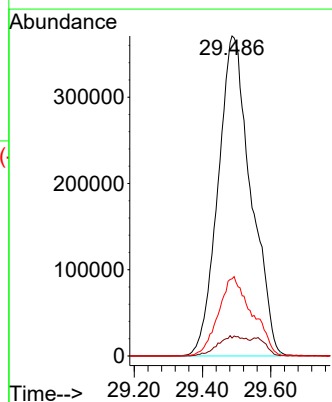
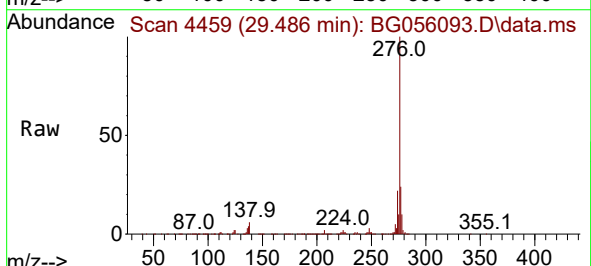
Tgt Ion:276 Resp: 2482383

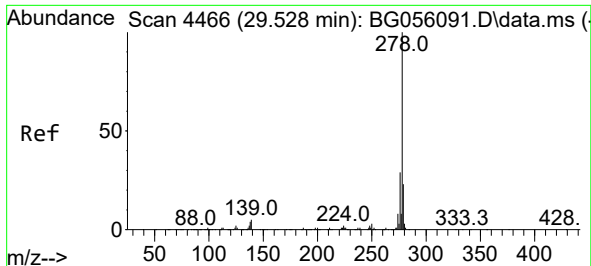
Ion Ratio Lower Upper

276 100

138 5.6 4.4 6.6

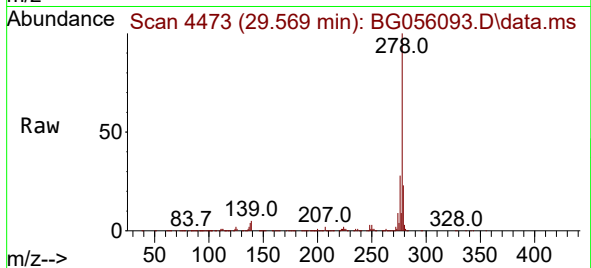
277 24.1 20.7 31.1



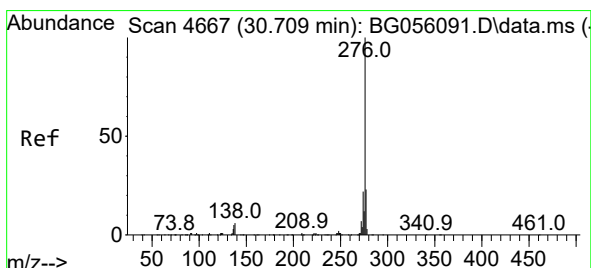
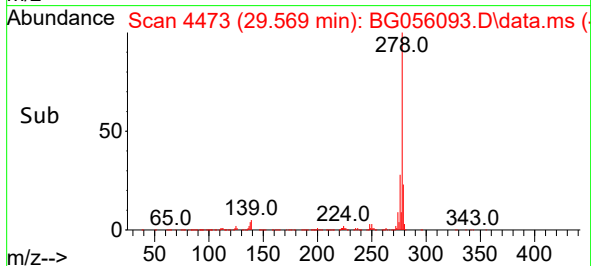
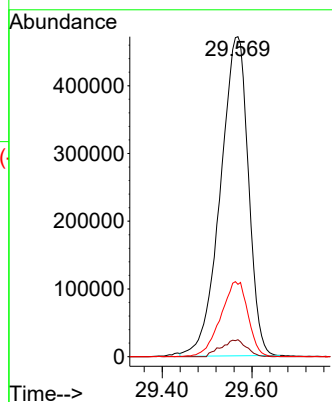


#95
 Dibenzo(a,h)anthracene
 Concen: 78.078 ng/ul
 RT: 29.569 min Scan# 4466
 Delta R.T. 0.041 min
 Lab File: BG056093.D
 Acq: 24 Dec 2022 17:07

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:278 Resp: 2039590
 Ion Ratio Lower Upper
 278 100
 139 5.3 4.3 6.5
 279 22.6 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 78.761 ng/ul
 RT: 30.761 min Scan# 4676
 Delta R.T. 0.052 min
 Lab File: BG056093.D
 Acq: 24 Dec 2022 17:07

Tgt Ion:276 Resp: 1973724
 Ion Ratio Lower Upper
 276 100
 138 6.4 5.1 7.7
 277 23.8 18.5 27.7

