

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
 Data File : BG056124.D
 Acq On : 25 Dec 2022 16:53
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 25 22:38:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 22:54:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.348	152	53411	20.000	ng/ul	0.00
20) Naphthalene-d8	11.180	136	211021	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.952	164	179398	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.690	188	447886	20.000	ng/ul	0.00
79) Chrysene-d12	21.991	240	433585	20.000	ng/ul	0.00
88) Perylene-d12	25.457	264	476506	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.648	96	9641	7.556	ng/uL	0.00
4) Pyridine-d5	4.082	84	78501	18.869	ng/ul	0.00
7) Phenol-d5	7.478	99	97441	20.112	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.655	67	38358	20.088	ng/ul	0.00
11) 2-Chlorophenol-d4	7.872	132	64629	22.570	ng/ul	0.00
15) 4-Methylphenol-d8	9.041	113	78771	21.603	ng/ul	0.00
21) Nitrobenzene-d5	9.517	128	34472	22.429	ng/ul	0.00
24) 2-Nitrophenol-d4	10.246	143	44482	22.151	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.786	165	97205	21.784	ng/ul	0.00
31) 4-Chloroaniline-d4	11.303	131	100185	19.849	ng/ul	0.00
46) Dimethylphthalate-d6	14.341	166	282378	20.337	ng/ul	0.00
49) Acenaphthylene-d8	14.652	160	319721	20.390	ng/ul	0.00
54) 4-Nitrophenol-d4	15.117	143	43701	20.909	ng/ul	0.00
60) Fluorene-d10	15.939	176	267058	19.486	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.045	200	59049	20.509	ng/ul	0.00
73) Anthracene-d10	17.790	188	422700	20.423	ng/ul	0.00
81) Pyrene-d10	20.052	212	505485	21.110	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.222	264	500551	20.667	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.689	88	9916	6.948	ng/uL#	94
5) Pyridine	4.106	79	72367	18.087	ng/ul#	91
6) Benzaldehyde	7.473	77	35684	20.062	ng/ul	94
8) Phenol	7.502	94	97588	20.239	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.749	93	61885	19.498	ng/ul	92
12) 2-Chlorophenol	7.901	128	65652	22.827	ng/ul	91
13) 2-Methylphenol	8.771	108	75727	20.917	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.859	45	10112	24.805	ng/ul#	61
16) Acetophenone	9.171	105	118039	19.543	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.147	70	49656	19.445	ng/ul#	90
18) 4-Methylphenol	9.106	108	81506	20.784	ng/ul	98
19) Hexachloroethane	9.447	117	25484	22.038	ng/ul	87
22) Nitrobenzene	9.558	77	81787	21.445	ng/ul	98
23) Isophorone	10.081	82	158819	18.214	ng/ul	97
25) 2-Nitrophenol	10.281	139	43209	22.291	ng/ul#	78
26) 2,4-Dimethylphenol	10.316	107	93485	20.381	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.557	93	87126	19.280	ng/ul	99
29) 2,4-Dichlorophenol	10.816	162	89665	21.038	ng/ul#	91
30) Naphthalene	11.233	128	230170	20.934	ng/ul	98
32) 4-Chloroaniline	11.327	127	99842	19.630	ng/ul	98
33) Hexachlorobutadiene	11.509	225	77671	19.447	ng/ul	97
34) Caprolactam	12.073	113	25210	18.502	ng/ul#	67
35) 4-Chloro-3-methylphenol	12.414	107	85770	20.948	ng/ul	95
36) 2-Methylnaphthalene	12.807	142	177723	20.161	ng/ul	96

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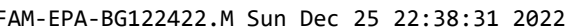
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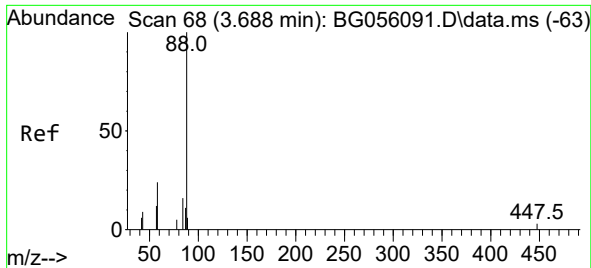
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.025	142	182545	20.556	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.166	216	151460	20.471	ng/ul	97
40) Hexachlorocyclopentadiene	13.142	237	75885	15.819	ng/ul	94
41) 2,4,6-Trichlorophenol	13.395	196	93723	21.492	ng/ul	88
42) 2,4,5-Trichlorophenol	13.465	196	101665	21.502	ng/ul	89
43) 1,1'-Biphenyl	13.795	154	267272	21.073	ng/ul	100
44) 2-Chloronaphthalene	13.842	162	218169	20.754	ng/ul	96
45) 2-Nitroaniline	14.035	65	39775	27.246	ng/ul#	68
47) Dimethylphthalate	14.388	163	273737	19.882	ng/ul	99
48) 2,6-Dinitrotoluene	14.517	165	58807	21.639	ng/ul	96
50) Acenaphthylene	14.682	152	322298	20.683	ng/ul	98
51) 3-Nitroaniline	14.846	138	45100	22.093	ng/ul	98
52) Acenaphthene	15.017	153	226549	20.695	ng/ul	93
53) 2,4-Dinitrophenol	15.046	184	39165	18.515	ng/ul#	91
55) 4-Nitrophenol	15.134	109	43765	21.523	ng/ul	96
56) Dibenzofuran	15.352	168	349269	20.384	ng/ul	96
57) 2,4-Dinitrotoluene	15.299	165	79845	21.187	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.569	232	97002	20.755	ng/ul#	98
59) Diethylphthalate	15.739	149	251548	20.450	ng/ul	99
61) Fluorene	15.992	166	274815	19.525	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.974	204	173761	19.003	ng/ul	96
63) 4-Nitroaniline	16.004	138	35536	18.244	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	16.057	198	57347	20.775	ng/ul#	89
67) N-Nitrosodiphenylamine	16.186	169	241645	21.294	ng/ul	99
68) 4-Bromophenyl-phenylether	16.867	248	116270	20.476	ng/ul	96
69) Hexachlorobenzene	16.997	284	114316	20.801	ng/ul	98
70) Atrazine	17.120	200	113576	20.991	ng/ul	94
71) Pentachlorophenol	17.332	266	73992	21.177	ng/ul	86
72) Phenanthrene	17.731	178	467235	20.549	ng/ul	100
74) Anthracene	17.825	178	474174	20.371	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.765	216	150229	22.113	ng/uL	90
76) Pentachlorobenzene	15.269	250	148667	22.168	ng/uL	92
77) Carbazole	18.084	167	393975	20.703	ng/ul	98
78) Di-n-butylphthalate	18.618	149	407339	23.428	ng/ul	99
80) Fluoranthene	19.723	202	609913	21.661	ng/ul	99
82) Pyrene	20.081	202	596177	20.988	ng/ul#	97
83) Butylbenzylphthalate	20.945	149	174128	28.806	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.867	252	223646	22.957	ng/ul	98
85) Benzo(a)anthracene	21.967	228	620318	20.961	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.838	149	251828	27.195	ng/ul#	98
87) Chrysene	22.044	228	578862	21.076	ng/ul	98
89) Di-n-octyl phthalate	23.137	149	427043	24.217	ng/ul	100
90) Benzo(b)fluoranthene	24.347	252	641249	20.385	ng/ul	98
91) Benzo(k)fluoranthene	24.423	252	637938	20.782	ng/ul	99
93) Benzo(a)pyrene	25.299	252	565290	20.623	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.459	276	737269	20.421	ng/ul#	98
95) Dibenzo(a,h)anthracene	29.523	278	612180	20.273	ng/ul	99
96) Benzo(g,h,i)perylene	30.710	276	577463	19.903	ng/ul	99

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

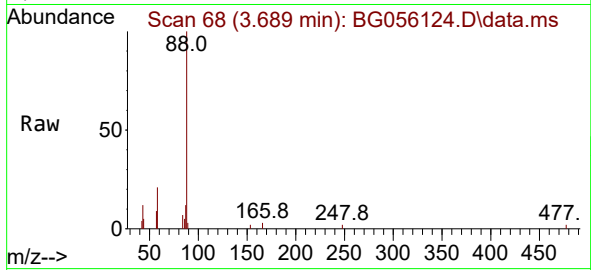
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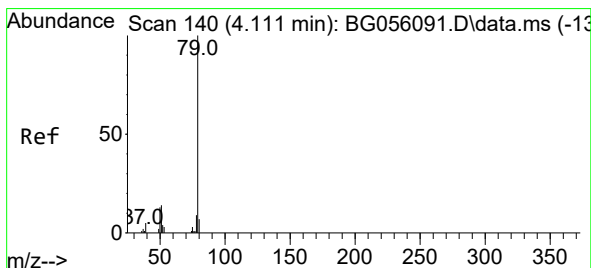
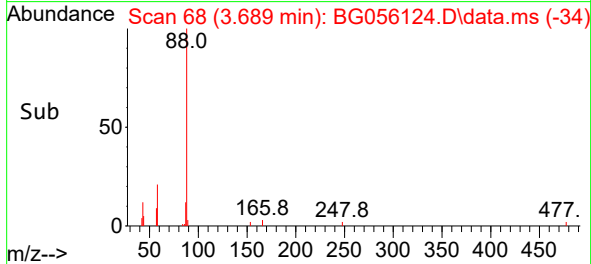
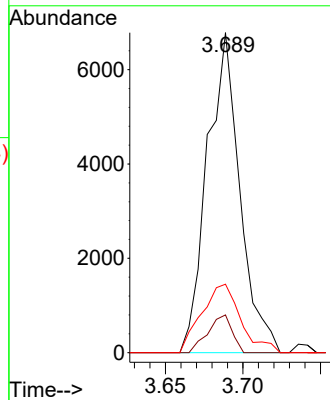


#2
1,4-Dioxane
Concen: 6.948 ng/uL
RT: 3.689 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Instrument :
BNA_G
ClientSampleId :

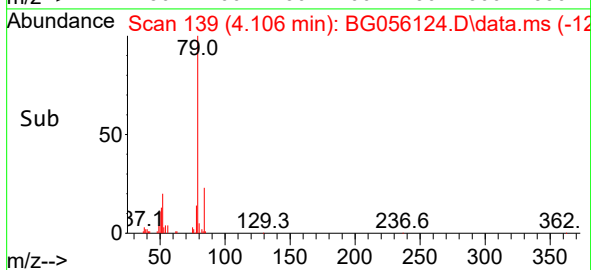
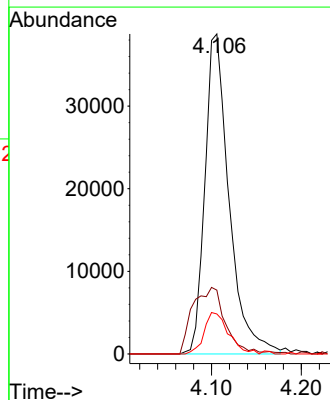
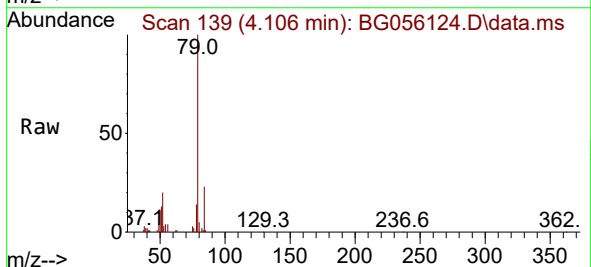


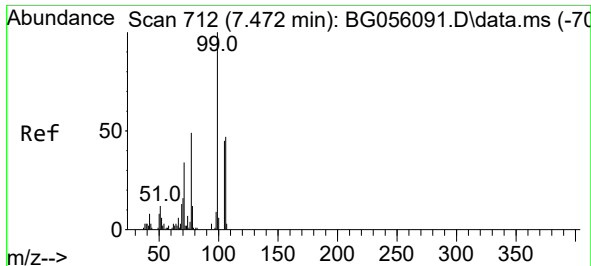
Tgt Ion: 88 Resp: 9916
Ion Ratio Lower Upper
88 100
43 11.8 7.4 11.0#
58 21.4 19.1 28.7



#5
Pyridine
Concen: 18.087 ng/uL
RT: 4.106 min Scan# 139
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion: 79 Resp: 72367
Ion Ratio Lower Upper
79 100
52 19.9 11.0 16.6#
51 12.5 11.1 16.7

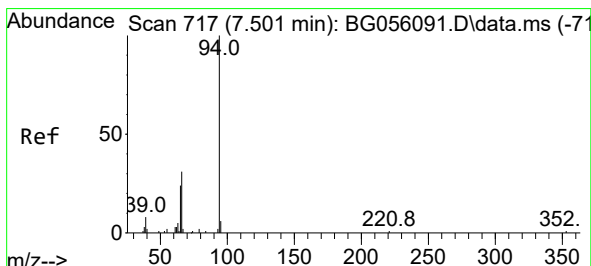
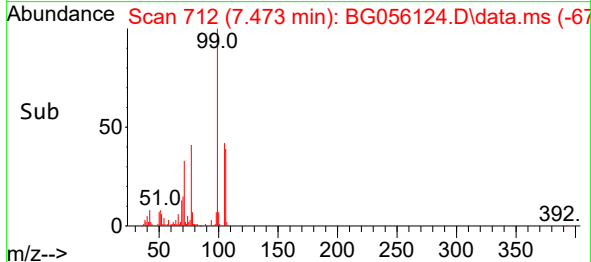
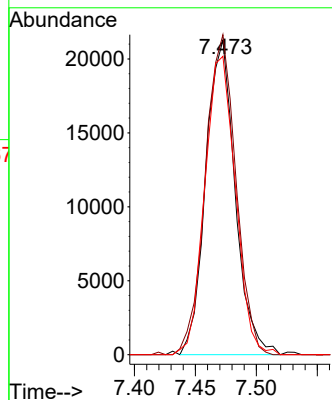
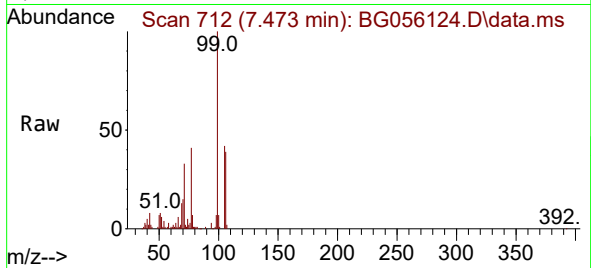




#6
Benzaldehyde
Concen: 20.062 ng/ul
RT: 7.473 min Scan# 712
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

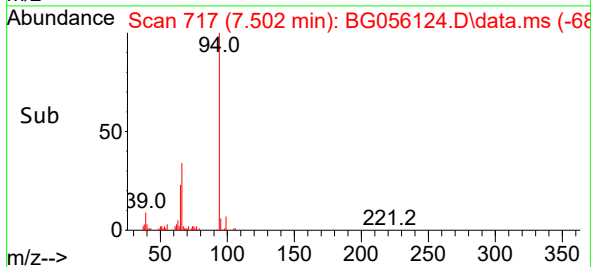
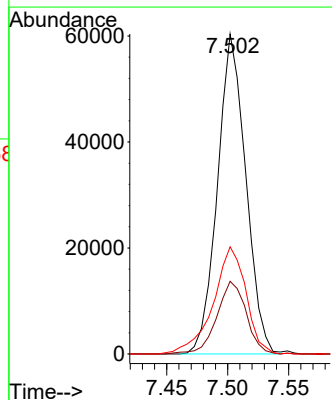
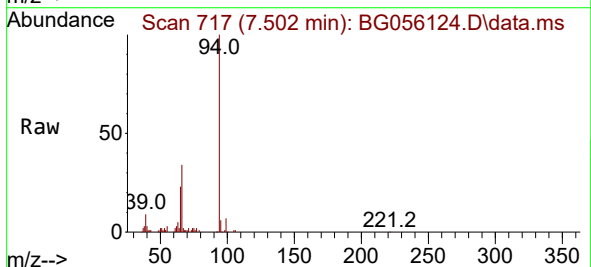
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BNA_G
ClientSampleId :

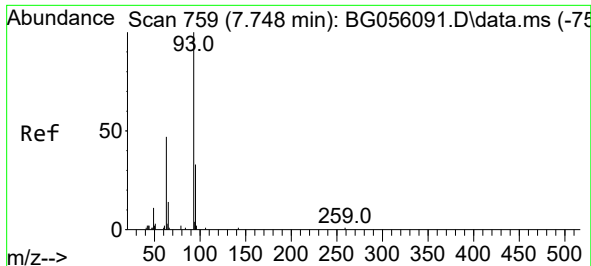
Tgt Ion: 77 Resp: 35684
Ion Ratio Lower Upper
77 100
105 101.7 72.6 109.0
106 94.9 76.8 115.2



#8
Phenol
Concen: 20.239 ng/ul
RT: 7.502 min Scan# 717
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion: 94 Resp: 97588
Ion Ratio Lower Upper
94 100
65 22.7 18.8 28.2
66 33.5 26.2 39.2





#10

Bis(2-Chloroethyl)ether

Concen: 19.498 ng/ul

RT: 7.749 min Scan# 759

Delta R.T. 0.001 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

Instrument :

BNA_G

ClientSampleId :

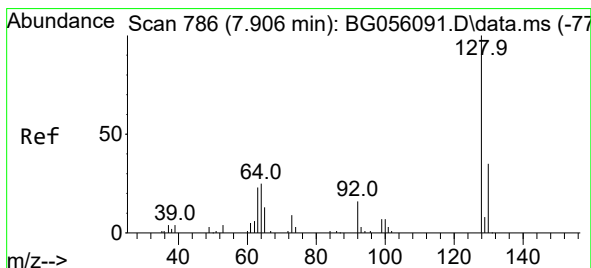
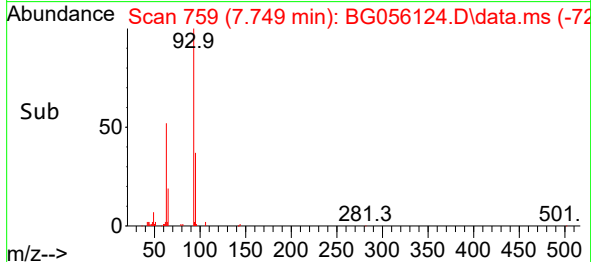
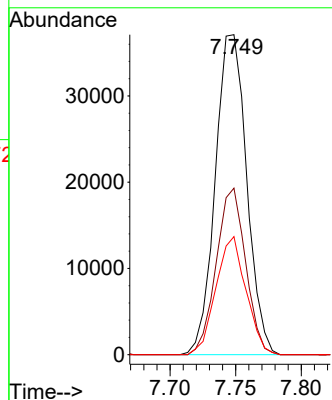
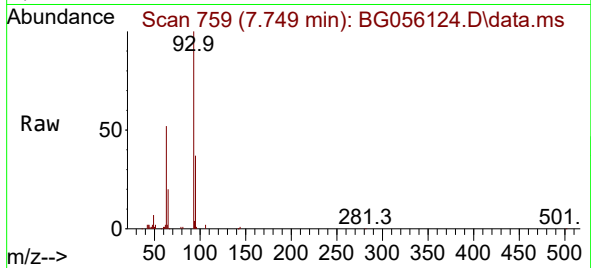
Tgt Ion: 93 Resp: 61885

Ion Ratio Lower Upper

93 100

63 52.0 37.4 56.2

95 36.9 26.3 39.5



#12

2-Chlorophenol

Concen: 22.827 ng/ul

RT: 7.901 min Scan# 785

Delta R.T. -0.005 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

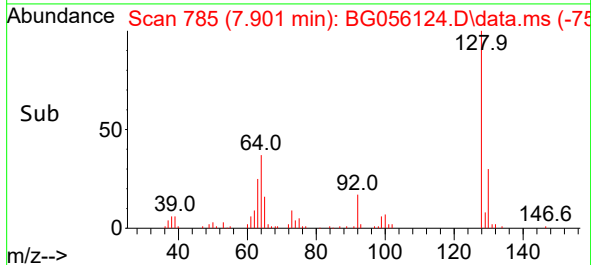
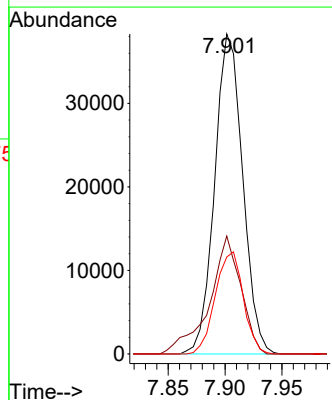
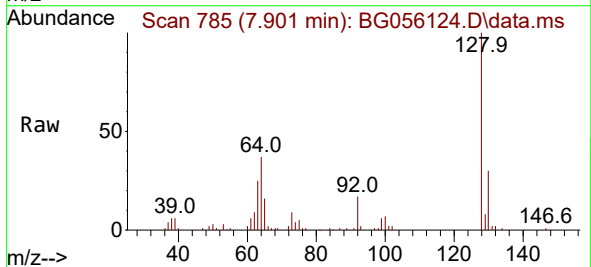
Tgt Ion: 128 Resp: 65652

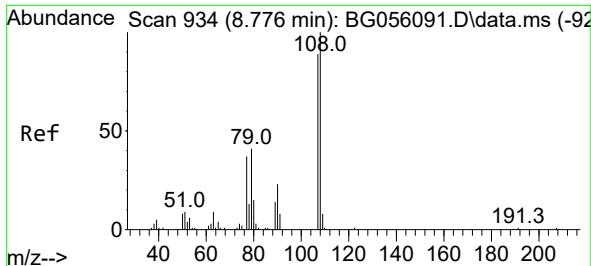
Ion Ratio Lower Upper

128 100

64 36.8 24.8 37.2

130 30.3 27.9 41.9





#13

2-Methylphenol

Concen: 20.917 ng/ul

RT: 8.771 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

Instrument :

BNA_G

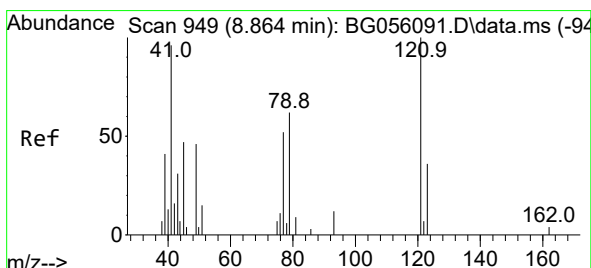
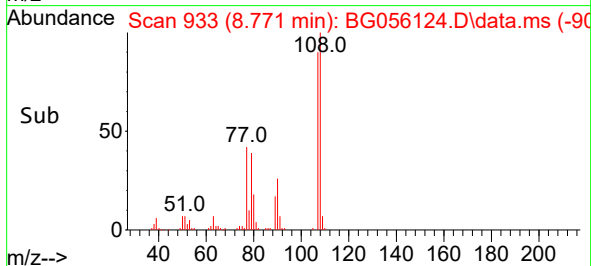
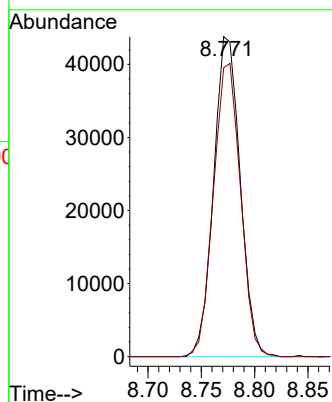
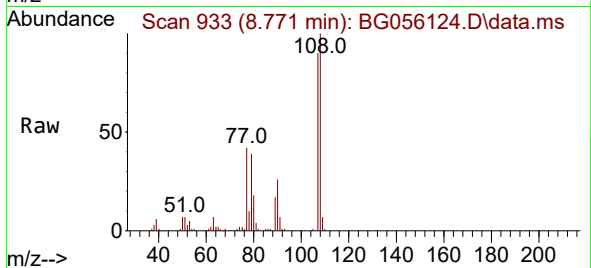
ClientSampleId :

Tgt Ion:108 Resp: 75727

Ion Ratio Lower Upper

108 100

107 90.3 71.4 107.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 24.805 ng/ul

RT: 8.859 min Scan# 948

Delta R.T. -0.005 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

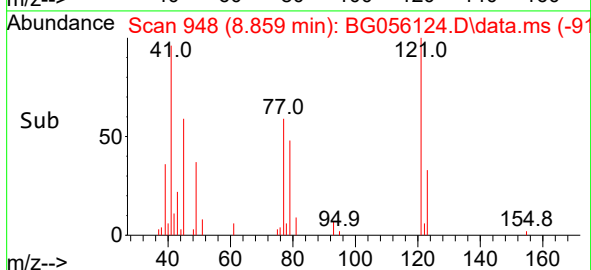
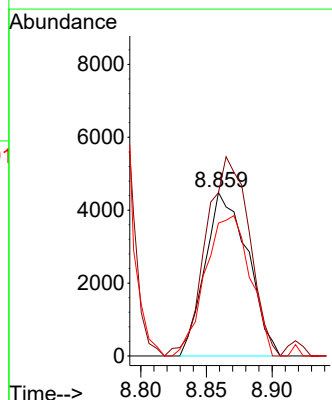
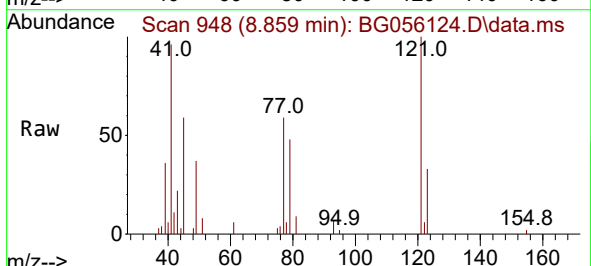
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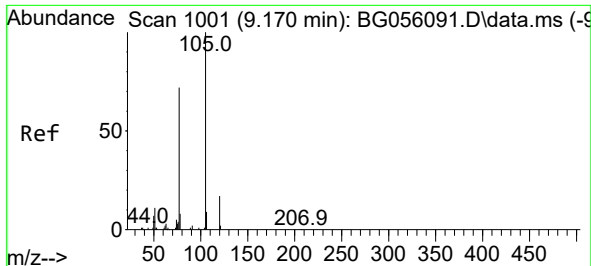
Ion Ratio Lower Upper

45 100

77 99.8 105.8 158.8#

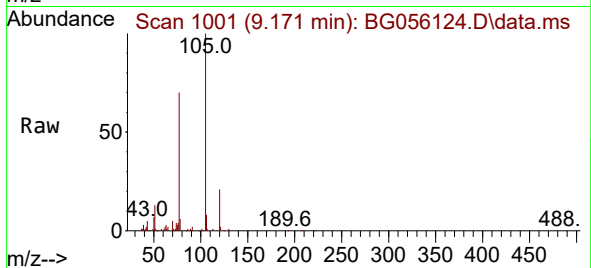
79 81.2 114.2 171.4#



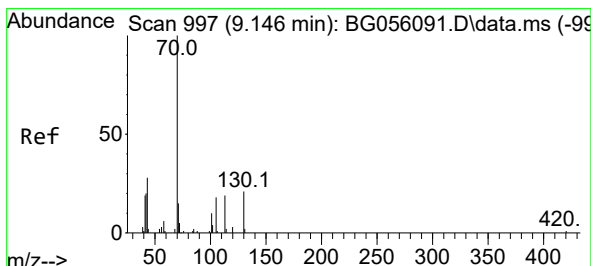
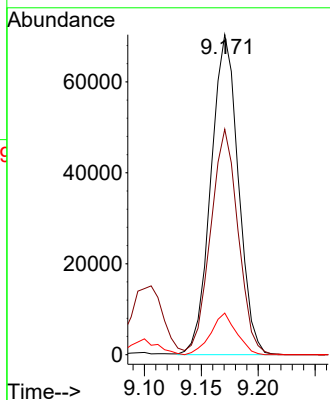
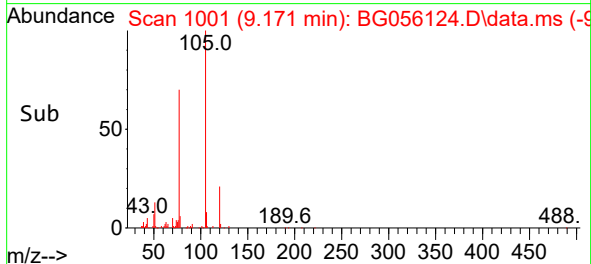


#16
Acetophenone
Concen: 19.543 ng/ul
RT: 9.171 min Scan# 1001
Delta R.T. 0.001 min
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ClientSampleId :

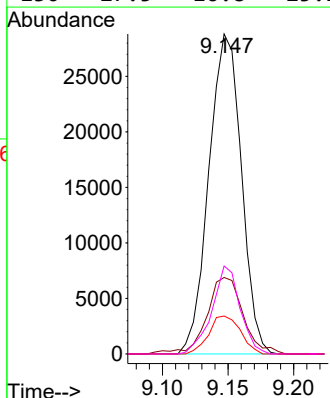
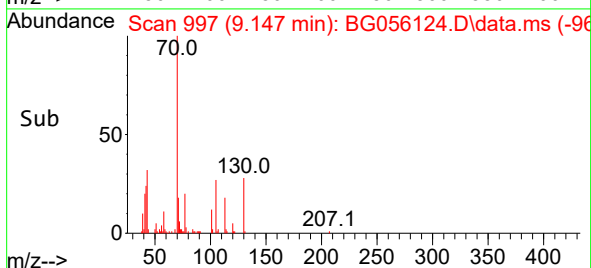
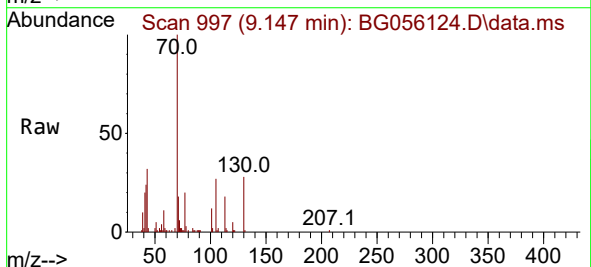


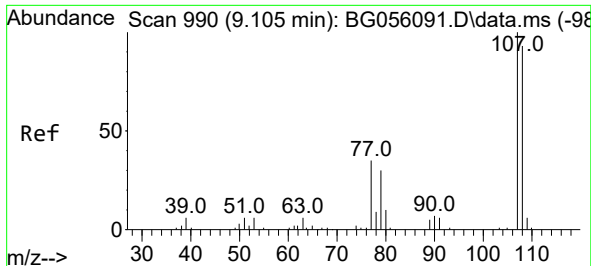
Tgt Ion:105 Resp: 118039
Ion Ratio Lower Upper
105 100
77 70.5 59.0 88.4
51 13.0 9.6 14.4



#17
N-Nitroso-di-n-propylamine
Concen: 19.445 ng/ul
RT: 9.147 min Scan# 997
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion: 70 Resp: 49656
Ion Ratio Lower Upper
70 100
42 23.9 16.1 24.1
101 11.9 8.4 12.6
130 27.5 16.8 25.2#

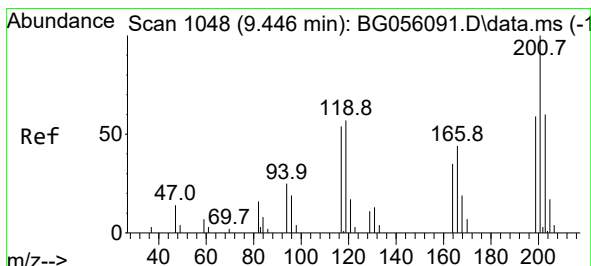
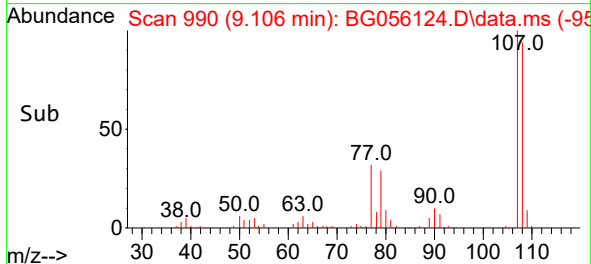
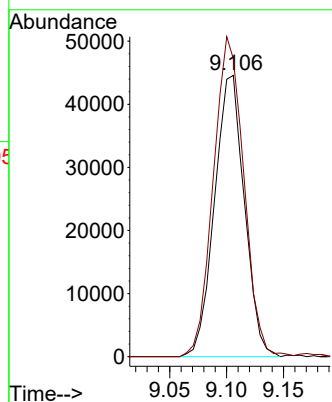
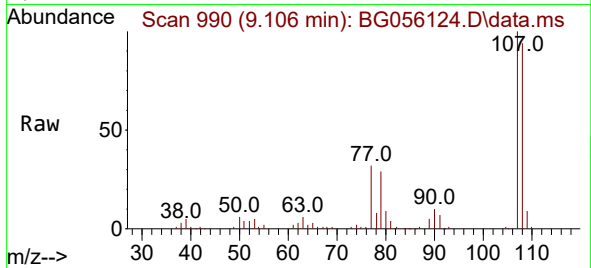




#18
4-Methylphenol
Concen: 20.784 ng/ul
RT: 9.106 min Scan# 990
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

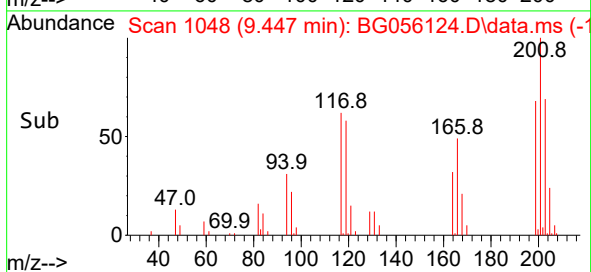
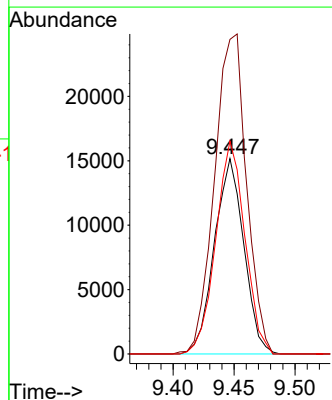
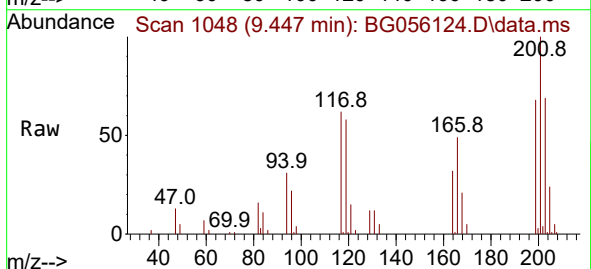
Instrument :
BNA_G
ClientSampleId :

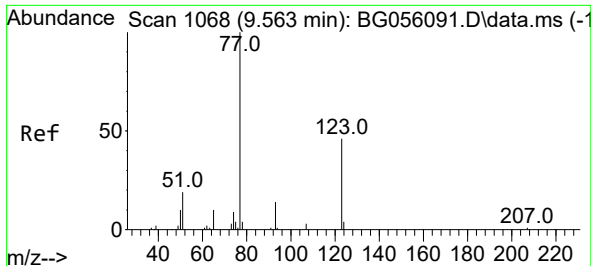
Tgt Ion:108 Resp: 81506
Ion Ratio Lower Upper
108 100
107 105.9 86.2 129.2



#19
Hexachloroethane
Concen: 22.038 ng/ul
RT: 9.447 min Scan# 1048
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:117 Resp: 25484
Ion Ratio Lower Upper
117 100
201 158.5 149.0 223.4
199 107.2 87.7 131.5

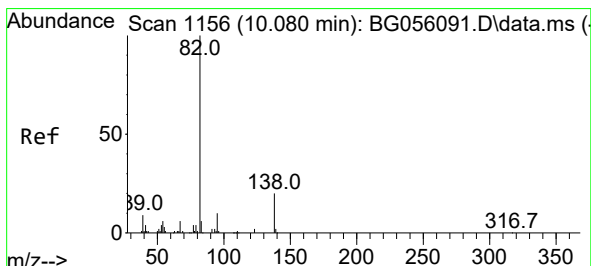
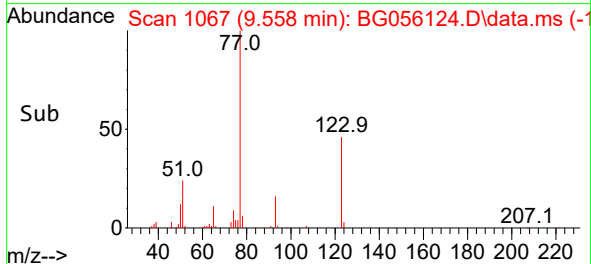
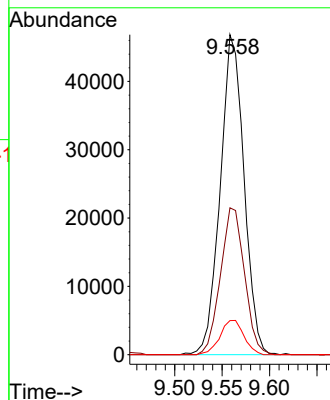
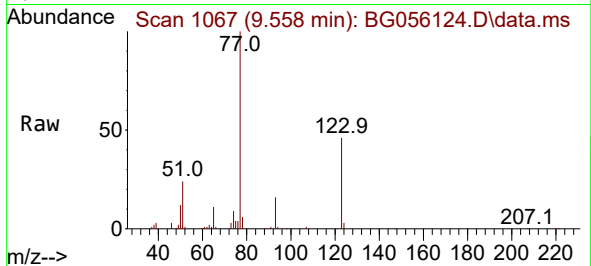




#22
Nitrobenzene
Concen: 21.445 ng/ul
RT: 9.558 min Scan# 1067
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

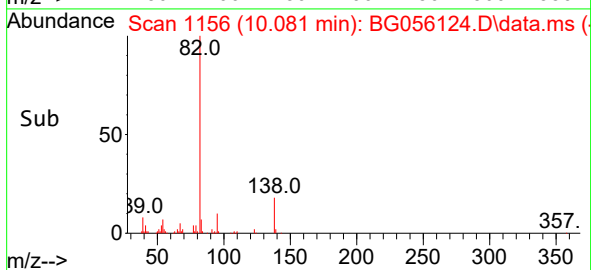
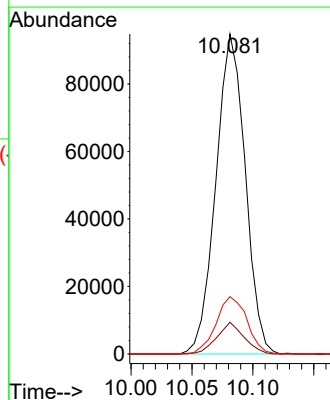
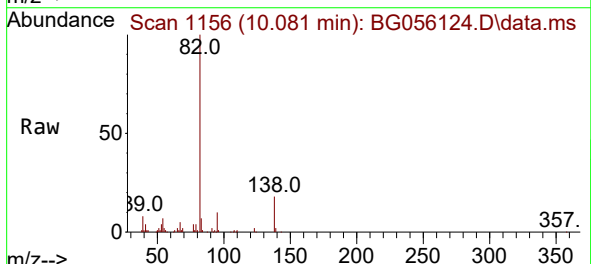
Instrument :
BNA_G
ClientSampleId :

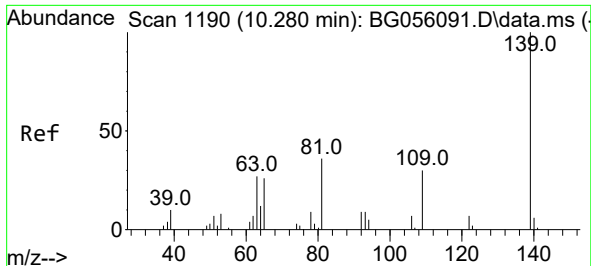
Tgt Ion: 77 Resp: 81787
Ion Ratio Lower Upper
77 100
123 45.9 36.0 54.0
65 10.6 7.6 11.4



#23
Isophorone
Concen: 18.214 ng/ul
RT: 10.081 min Scan# 1156
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion: 82 Resp: 158819
Ion Ratio Lower Upper
82 100
95 9.9 7.9 11.9
138 17.9 15.8 23.6

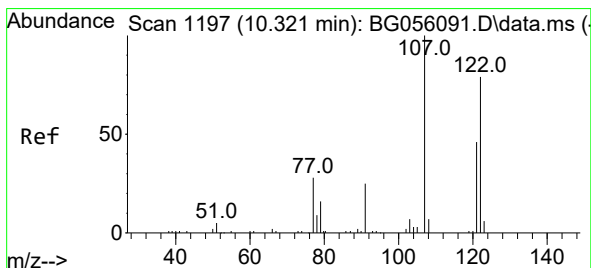
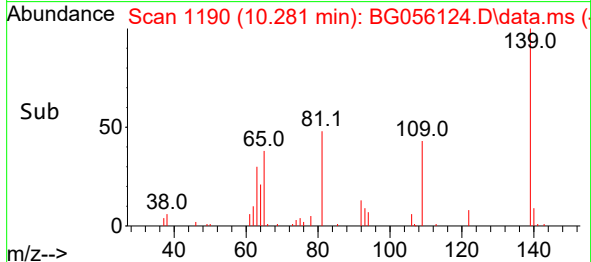
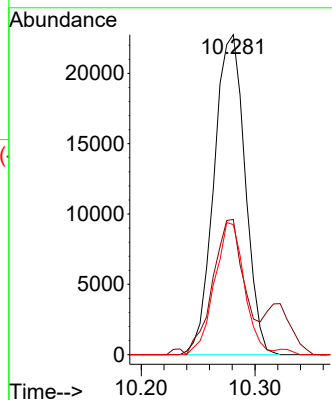
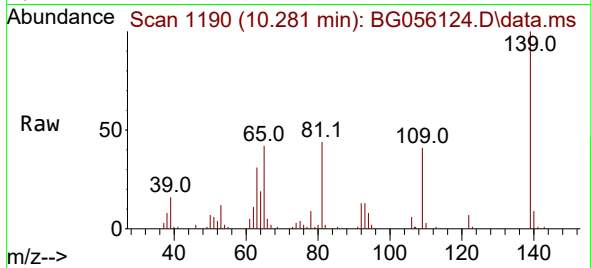




#25
2-Nitrophenol
Concen: 22.291 ng/ul
RT: 10.281 min Scan# 1190
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

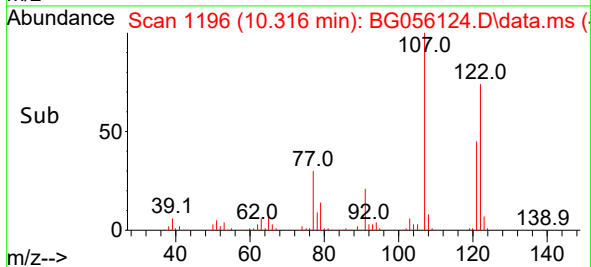
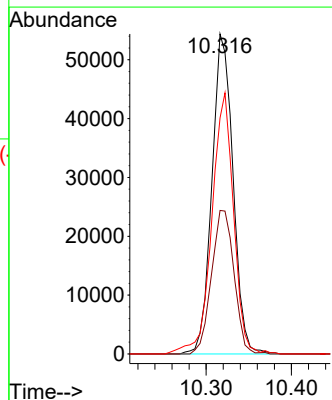
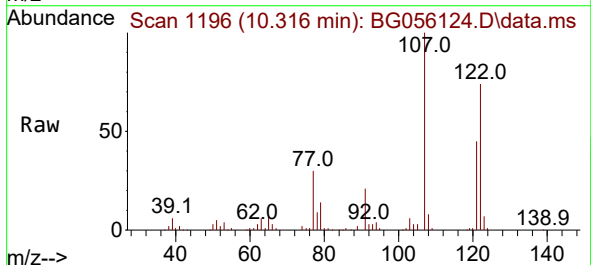
Instrument :
BNA_G
ClientSampleId :

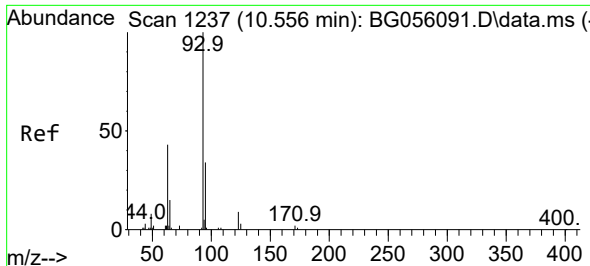
Tgt Ion:139 Resp: 43209
Ion Ratio Lower Upper
139 100
65 42.3 23.2 34.8#
109 40.7 23.8 35.8#



#26
2,4-Dimethylphenol
Concen: 20.381 ng/ul
RT: 10.316 min Scan# 1196
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:107 Resp: 93485
Ion Ratio Lower Upper
107 100
121 44.9 36.5 54.7
122 73.7 64.4 96.6

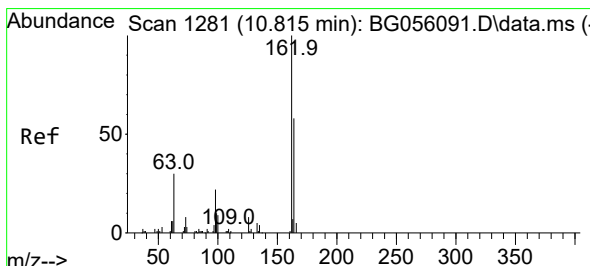
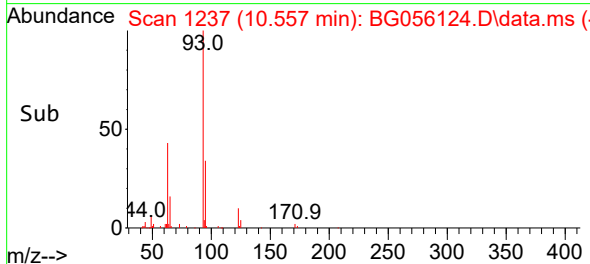
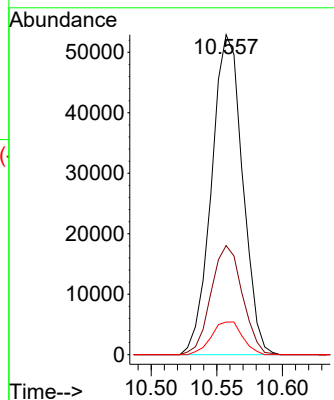
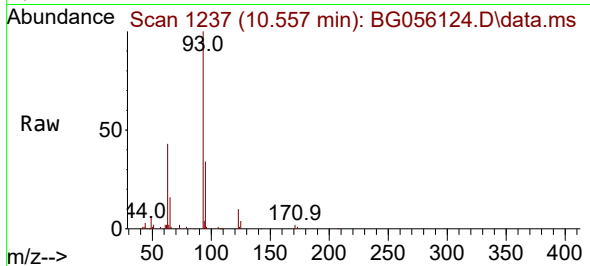




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.280 ng/ul
 RT: 10.557 min Scan# 1237
 Delta R.T. 0.001 min
 Lab File: BG056124.D
 Acq: 25 Dec 2022 16:53

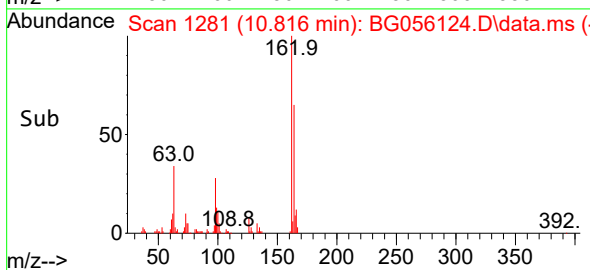
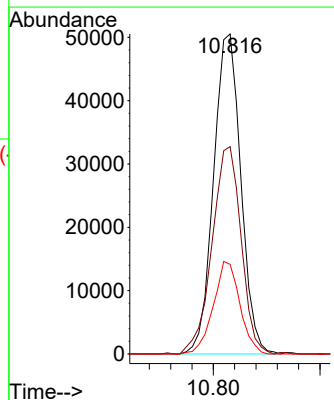
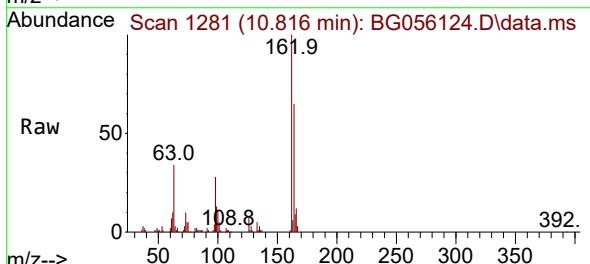
Instrument :
 BNA_G
 ClientSampleId :

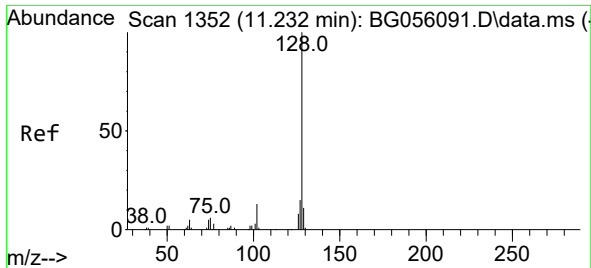
Tgt Ion: 93 Resp: 87126
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.8 40.2
 123 10.2 7.4 11.0



#29
 2,4-Dichlorophenol
 Concen: 21.038 ng/ul
 RT: 10.816 min Scan# 1281
 Delta R.T. 0.001 min
 Lab File: BG056124.D
 Acq: 25 Dec 2022 16:53

Tgt Ion:162 Resp: 89665
 Ion Ratio Lower Upper
 162 100
 164 64.8 47.3 70.9
 98 28.0 17.8 26.8#

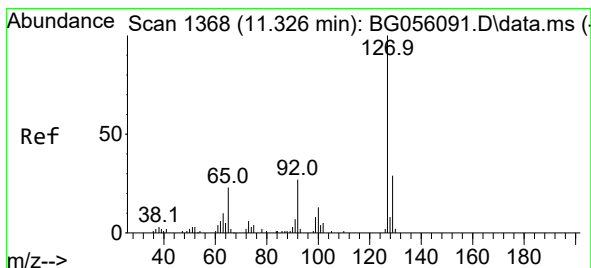
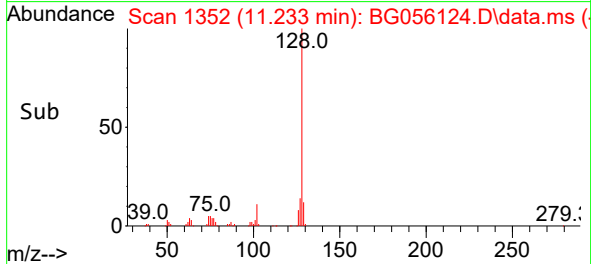
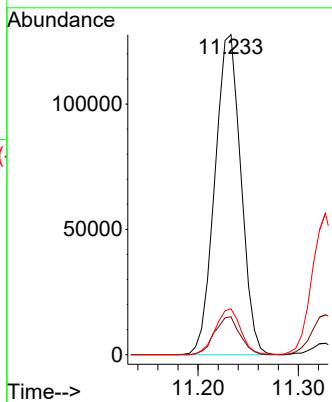
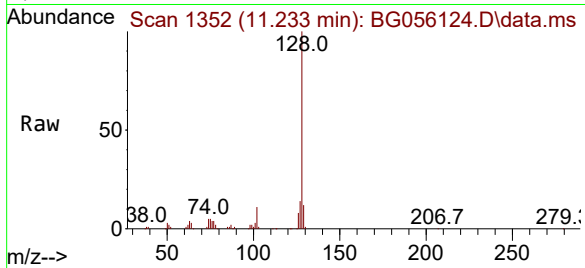




#30
Naphthalene
Concen: 20.934 ng/ul
RT: 11.233 min Scan# 11233
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

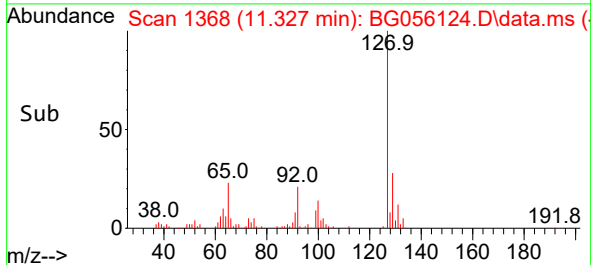
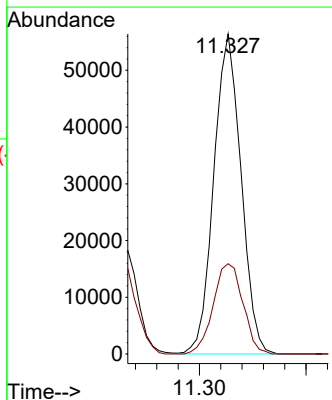
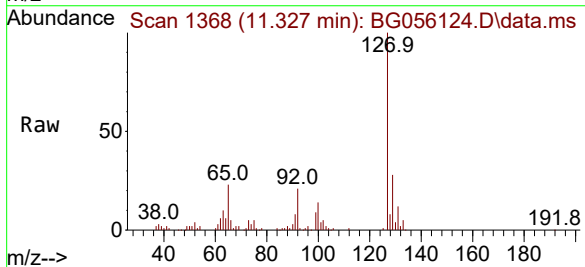
Instrument :
BNA_G
ClientSampleId :

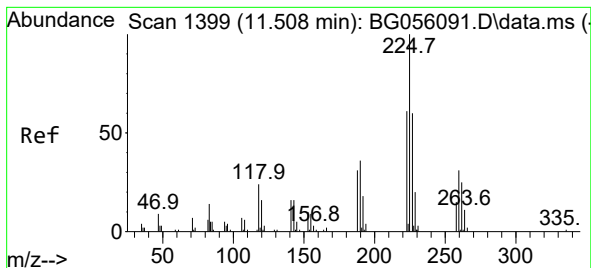
Tgt Ion:128 Resp: 230170
Ion Ratio Lower Upper
128 100
129 11.9 8.4 12.6
127 14.3 11.6 17.4



#32
4-Chloroaniline
Concen: 19.630 ng/ul
RT: 11.327 min Scan# 1368
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:127 Resp: 99842
Ion Ratio Lower Upper
127 100
129 28.2 23.4 35.0





#33

Hexachlorobutadiene

Concen: 19.447 ng/ul

RT: 11.509 min Scan# 11

Delta R.T. 0.001 min

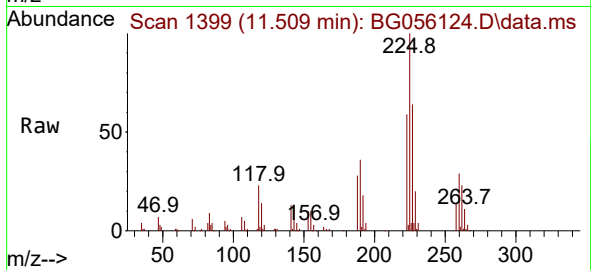
Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

Instrument :

BNA_G

ClientSampleId :



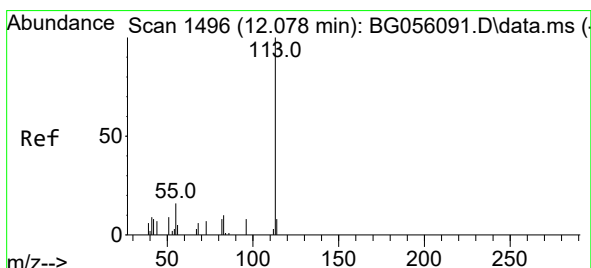
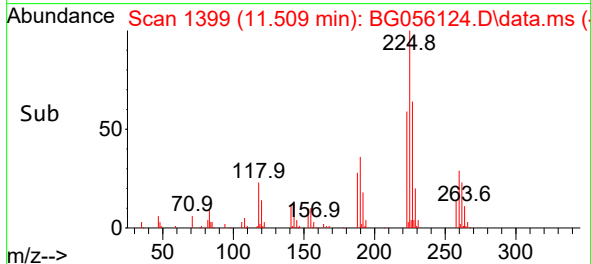
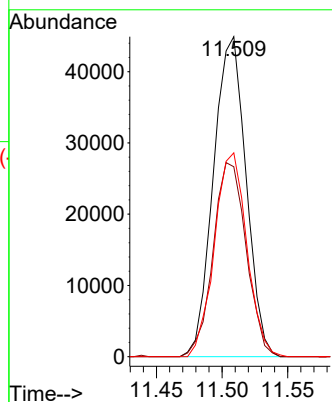
Tgt Ion:225 Resp: 77671

Ion Ratio Lower Upper

225 100

223 59.3 51.2 76.8

227 63.7 50.5 75.7



#34

Caprolactam

Concen: 18.502 ng/ul

RT: 12.073 min Scan# 1495

Delta R.T. -0.005 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

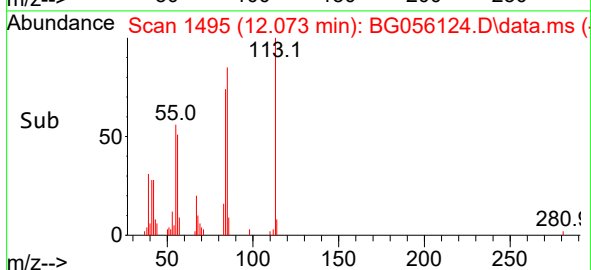
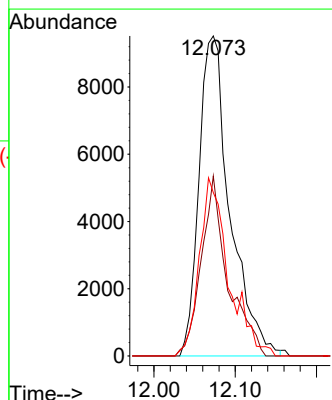
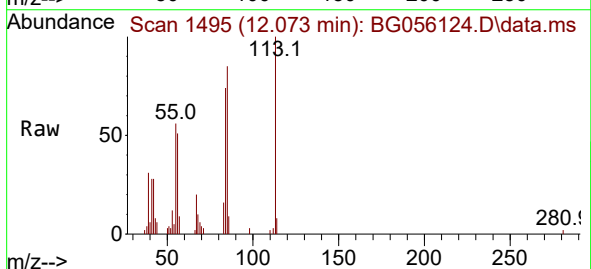
Tgt Ion:113 Resp: 25210

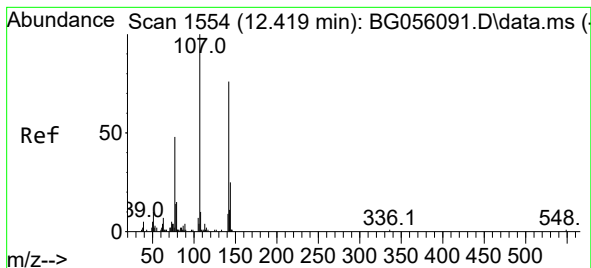
Ion Ratio Lower Upper

113 100

55 56.2 28.0 42.0#

56 51.1 27.7 41.5#

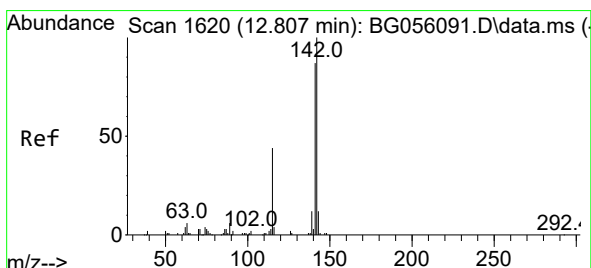
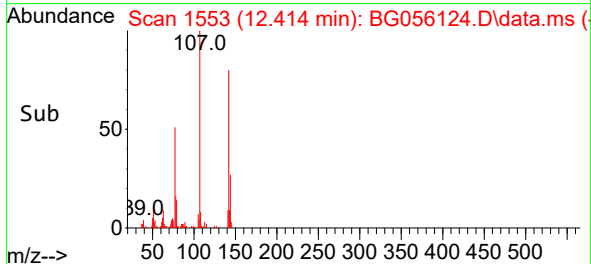
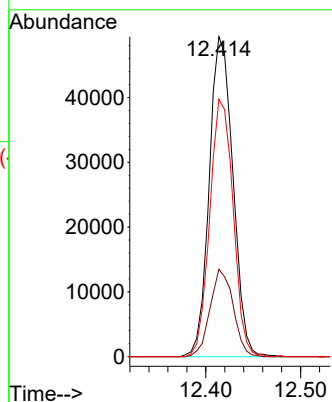
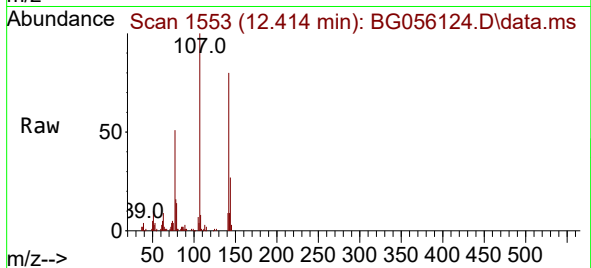




#35
4-Chloro-3-methylphenol
Concen: 20.948 ng/ul
RT: 12.414 min Scan# 1553
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

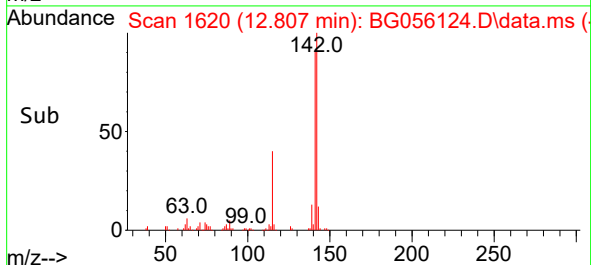
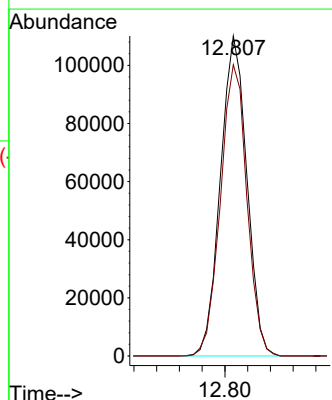
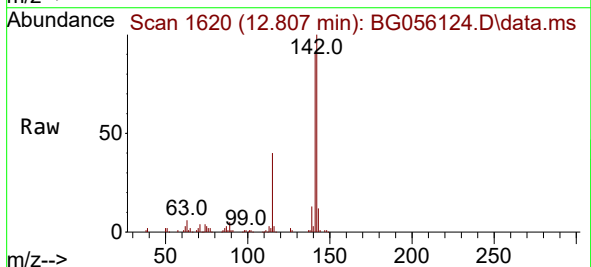
Instrument :
BNA_G
ClientSampleId :

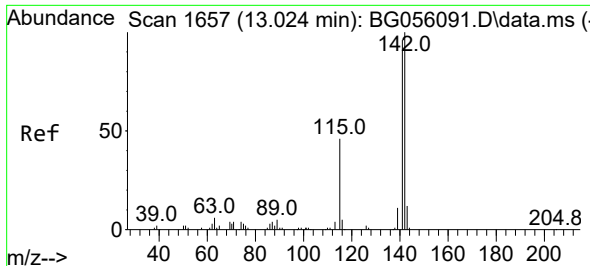
Tgt Ion:107 Resp: 85770
Ion Ratio Lower Upper
107 100
144 27.3 20.0 30.0
142 80.5 60.7 91.1



#36
2-Methylnaphthalene
Concen: 20.161 ng/ul
RT: 12.807 min Scan# 1620
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:142 Resp: 177723
Ion Ratio Lower Upper
142 100
141 91.0 69.8 104.6





#37

1-Methylnaphthalene

Concen: 20.556 ng/ul

RT: 13.025 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

Instrument :

BNA_G

ClientSampleId :

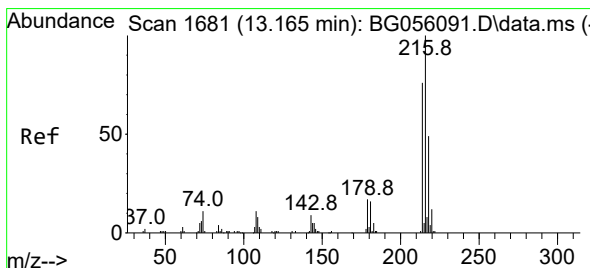
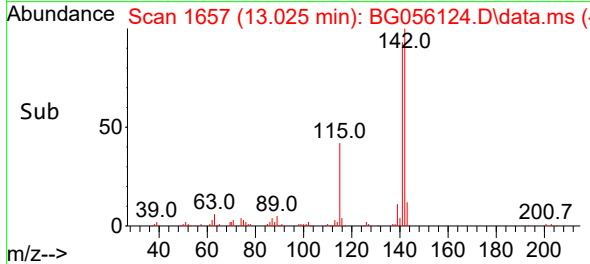
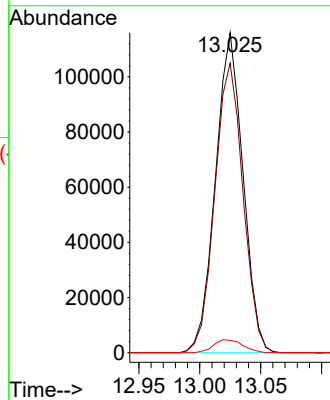
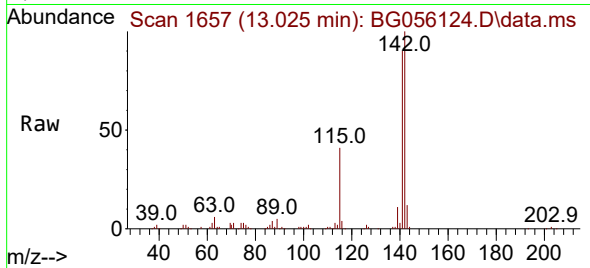
Tgt Ion:142 Resp: 182545

Ion Ratio Lower Upper

142 100

141 90.4 76.7 115.1

116 3.9 3.8 5.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.471 ng/ul

RT: 13.166 min Scan# 1681

Delta R.T. 0.001 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

Tgt Ion:216 Resp: 151460

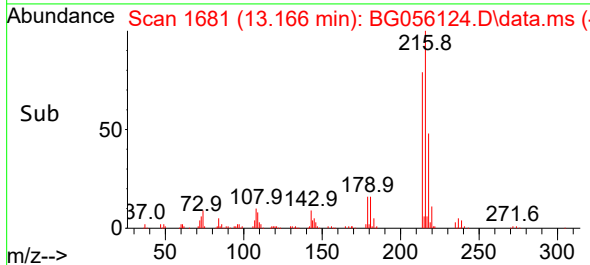
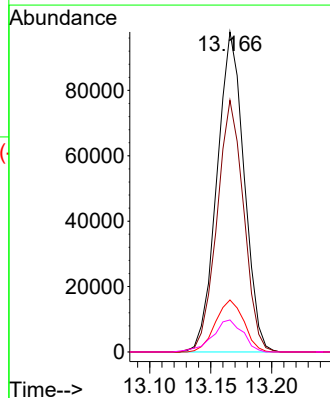
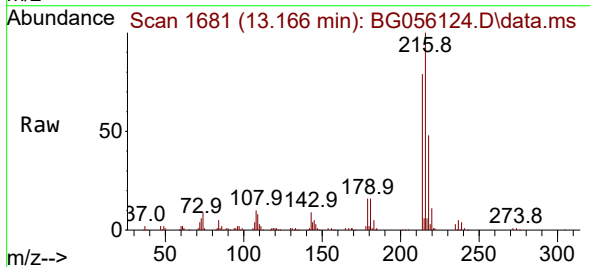
Ion Ratio Lower Upper

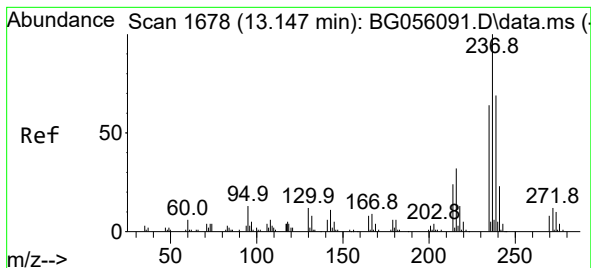
216 100

214 78.7 61.0 91.4

179 16.3 13.4 20.0

108 10.0 9.1 13.7





#40

Hexachlorocyclopentadiene

Concen: 15.819 ng/ul

RT: 13.142 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG056124.D

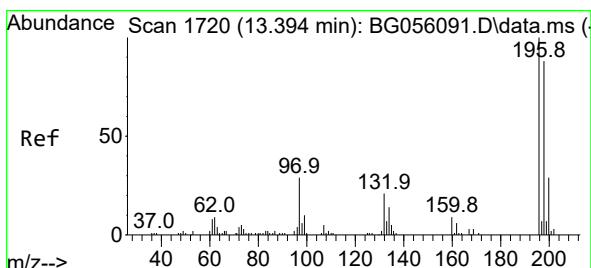
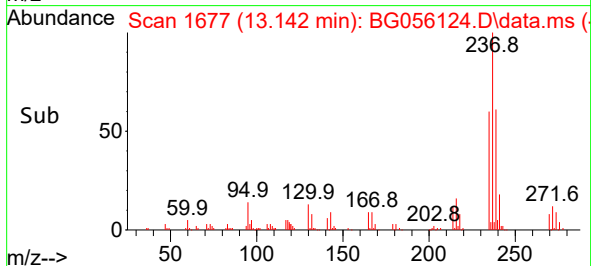
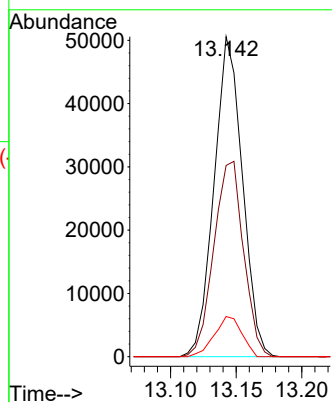
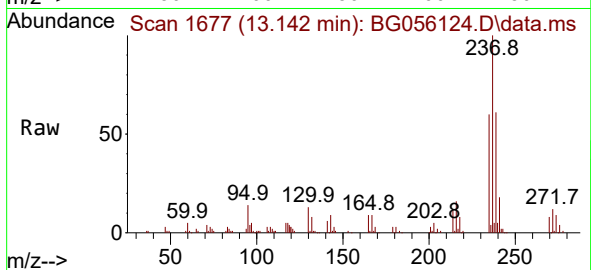
Acq: 25 Dec 2022 16:53

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:237	Resp:	75885
Ion Ratio	Lower	Upper
237	100	
235	59.8	52.0 78.0
272	12.6	9.9 14.9



#41

2,4,6-Trichlorophenol

Concen: 21.492 ng/ul

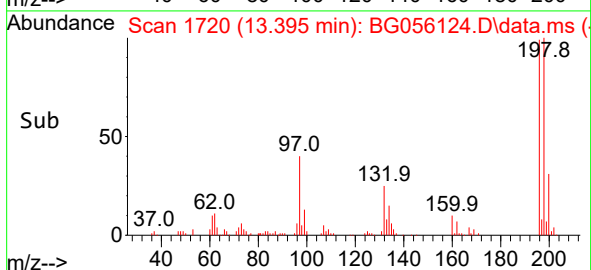
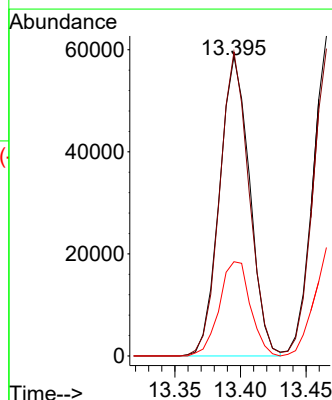
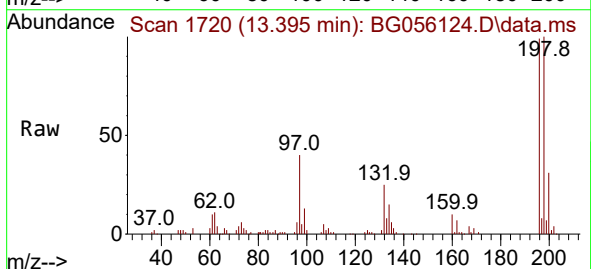
RT: 13.395 min Scan# 1720

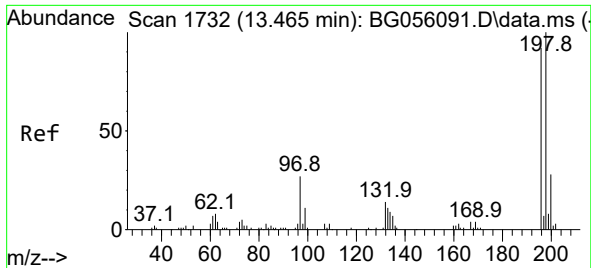
Delta R.T. 0.001 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

Tgt Ion:196	Resp:	93723
Ion Ratio	Lower	Upper
196	100	
198	101.5	70.2 105.4
200	31.5	23.4 35.2

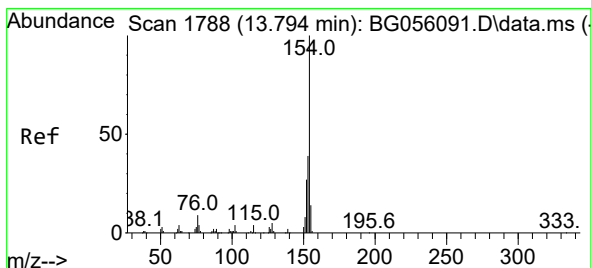
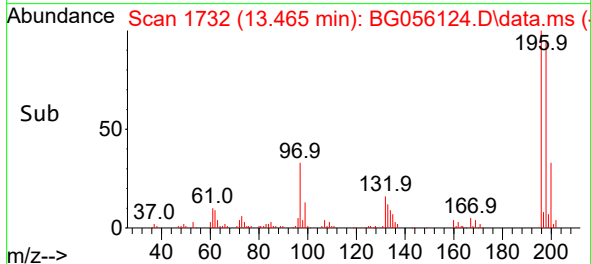
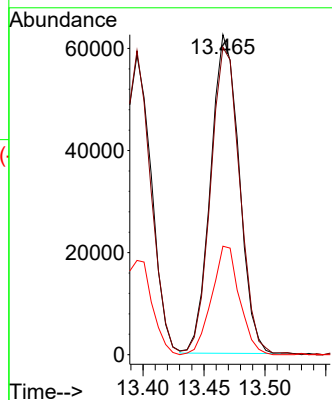
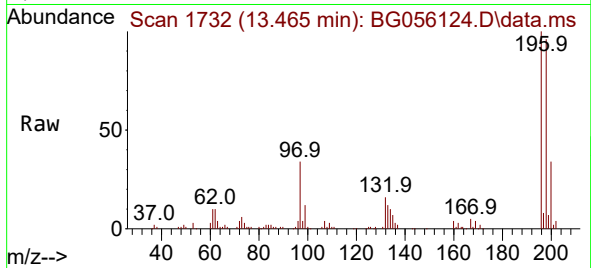




#42
2,4,5-Trichlorophenol
Concen: 21.502 ng/ul
RT: 13.465 min Scan# 1732
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

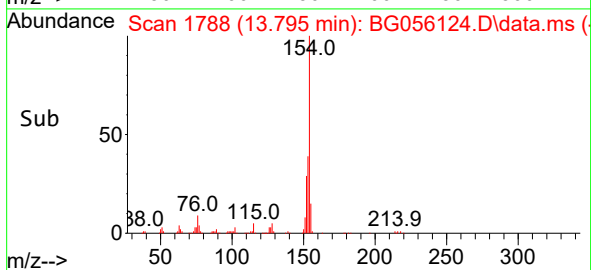
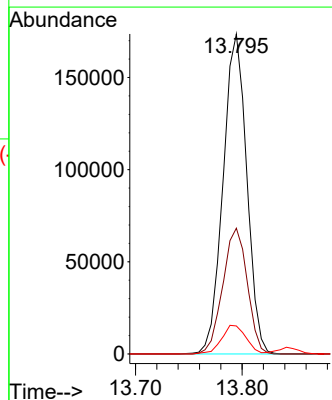
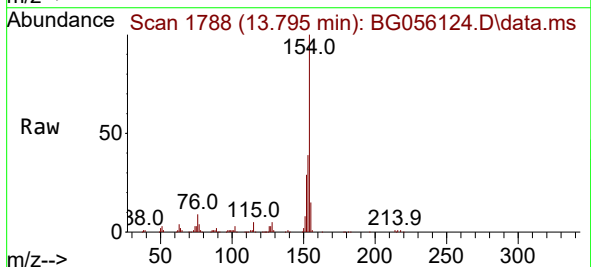
Instrument :
BNA_G
ClientSampleId :

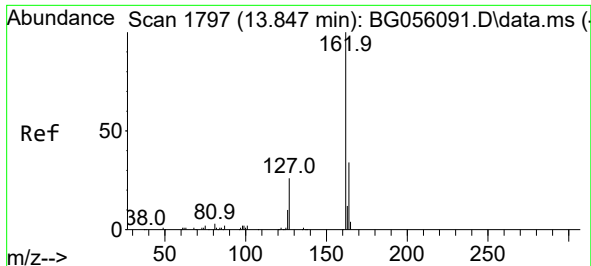
Tgt Ion:196 Resp: 101665
Ion Ratio Lower Upper
196 100
198 96.0 87.4 131.2
200 33.9 25.0 37.6



#43
1,1'-Biphenyl
Concen: 21.073 ng/ul
RT: 13.795 min Scan# 1788
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:154 Resp: 267272
Ion Ratio Lower Upper
154 100
153 39.3 31.3 46.9
76 8.8 7.4 11.0

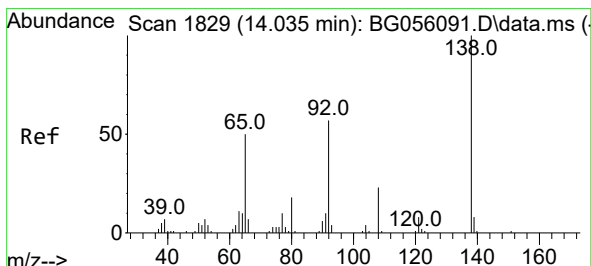
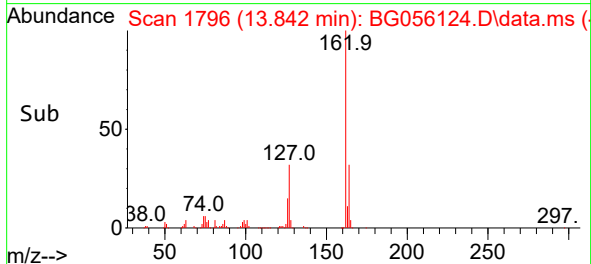
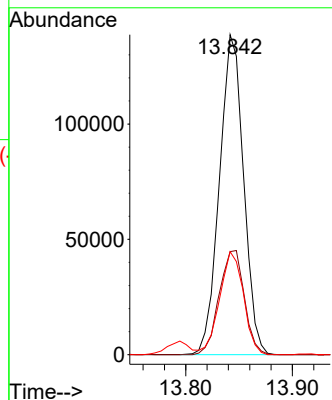
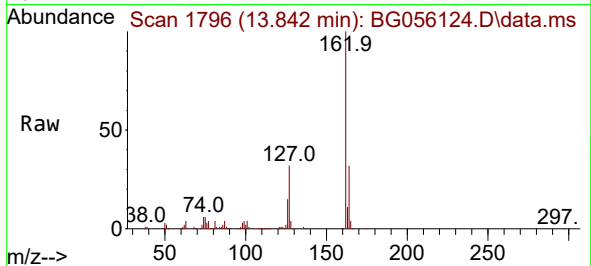




#44
2-Chloronaphthalene
Concen: 20.754 ng/ul
RT: 13.842 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

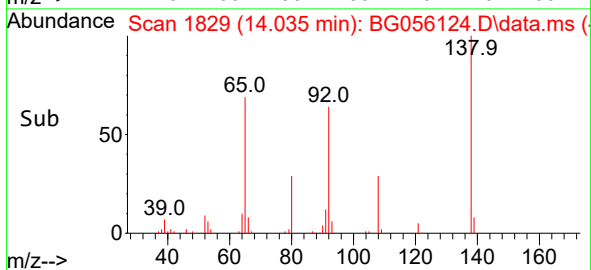
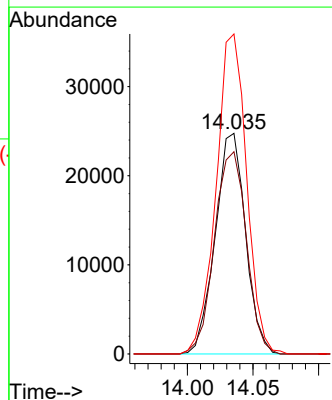
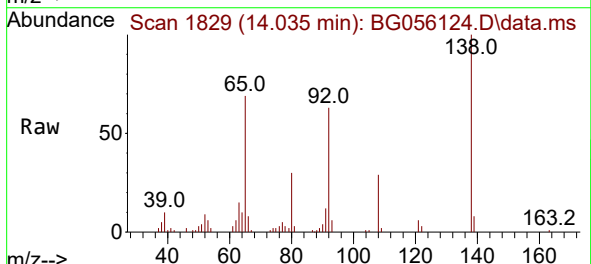
Instrument :
BNA_G
ClientSampleId :

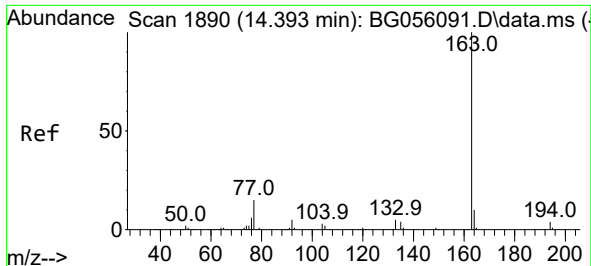
Tgt Ion:162 Resp: 218169
Ion Ratio Lower Upper
162 100
164 32.2 27.0 40.4
127 32.2 23.4 35.2



#45
2-Nitroaniline
Concen: 27.246 ng/ul
RT: 14.035 min Scan# 1829
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion: 65 Resp: 39775
Ion Ratio Lower Upper
65 100
92 91.7 92.6 138.8#
138 145.0 162.2 243.4#

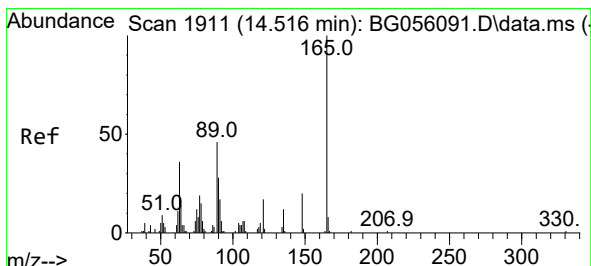
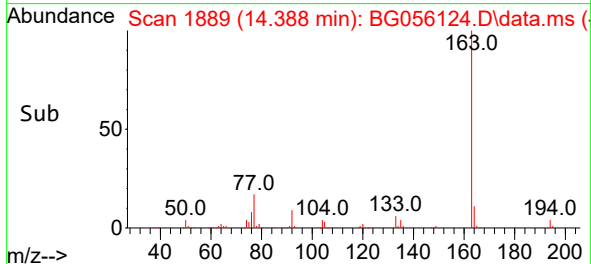
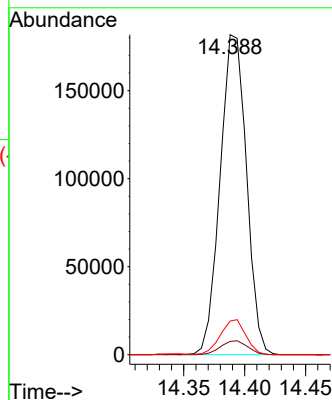
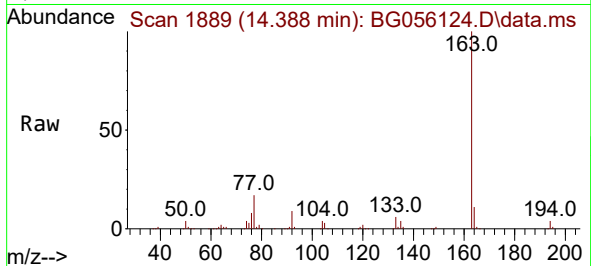




#47
Dimethylphthalate
Concen: 19.882 ng/ul
RT: 14.388 min Scan# 1889
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

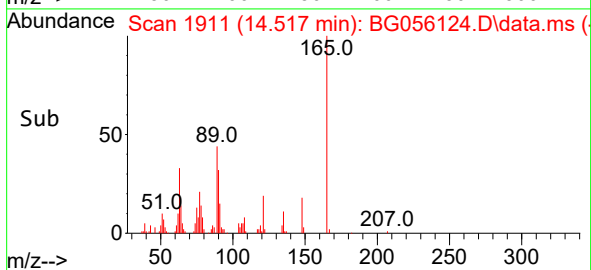
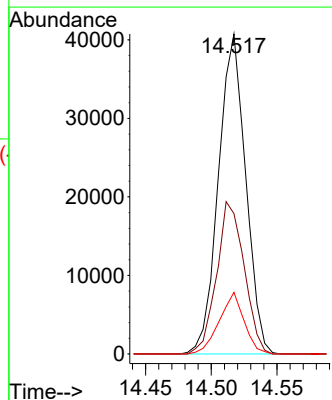
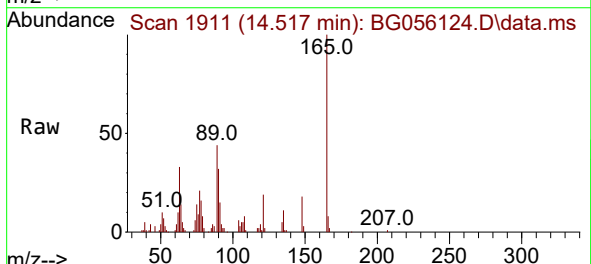
Instrument :
BNA_G
ClientSampleId :

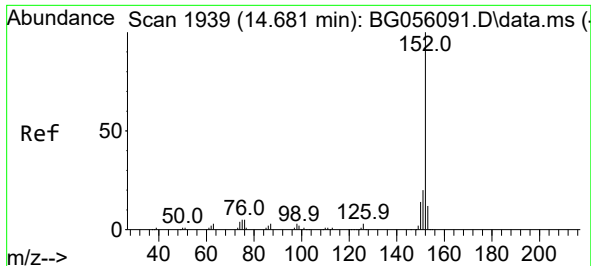
Tgt Ion:163 Resp: 273737
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.5 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 21.639 ng/ul
RT: 14.517 min Scan# 1911
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

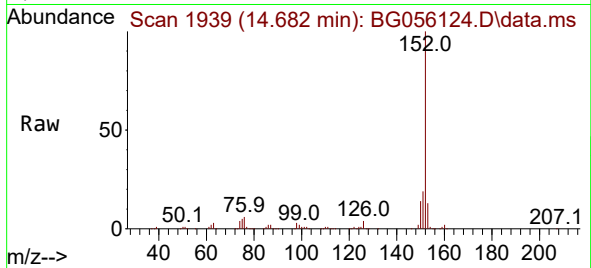
Tgt Ion:165 Resp: 58807
Ion Ratio Lower Upper
165 100
89 43.9 37.0 55.6
121 19.3 13.6 20.4



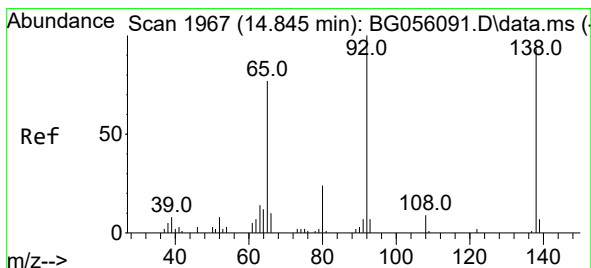
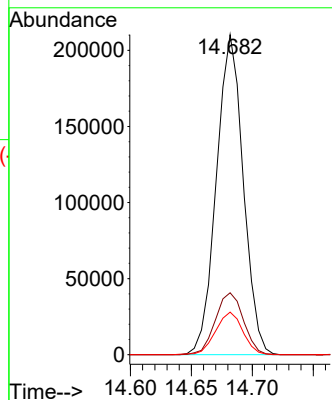
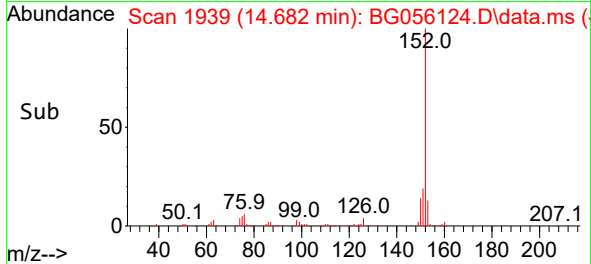


#50
Acenaphthylene
Concen: 20.683 ng/ul
RT: 14.682 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

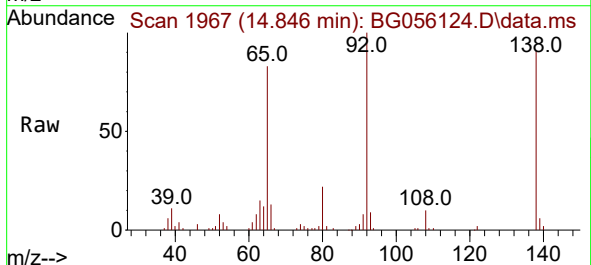
Instrument :
BNA_G
ClientSampleId :



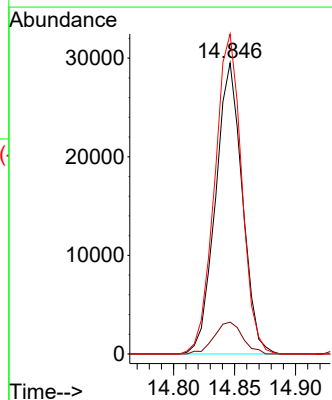
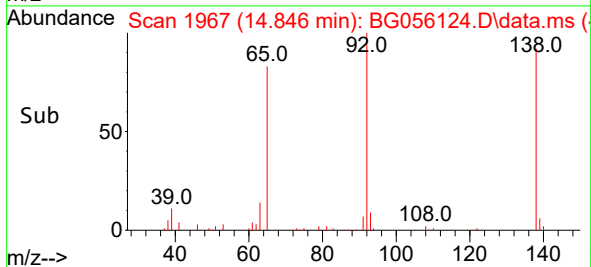
Tgt Ion:152 Resp: 322298
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 13.3 9.7 14.5

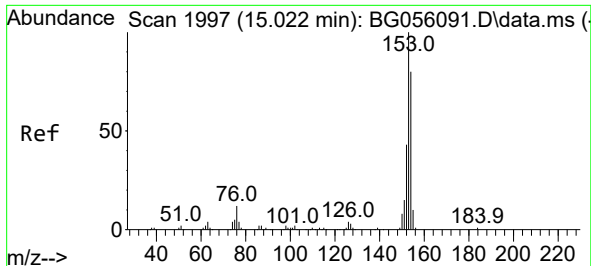


#51
3-Nitroaniline
Concen: 22.093 ng/ul
RT: 14.846 min Scan# 1967
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53



Tgt Ion:138 Resp: 45100
Ion Ratio Lower Upper
138 100
108 10.9 8.0 12.0
92 110.0 86.3 129.5

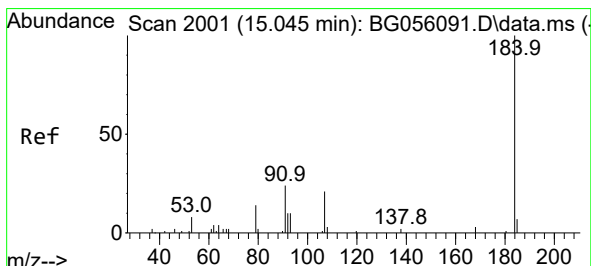
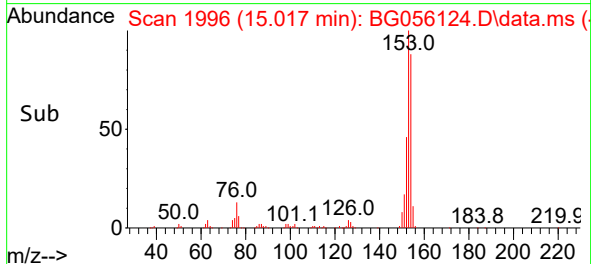
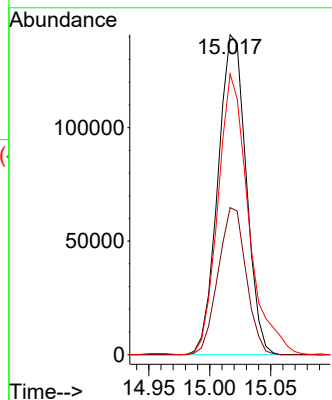
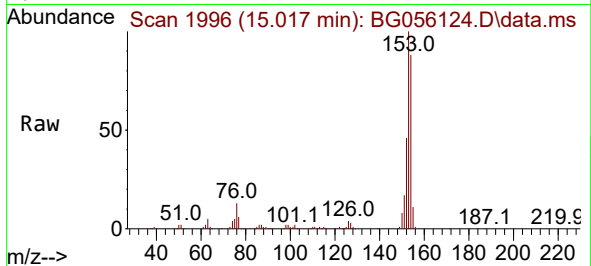




#52
Acenaphthene
Concen: 20.695 ng/ul
RT: 15.017 min Scan# 1997
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

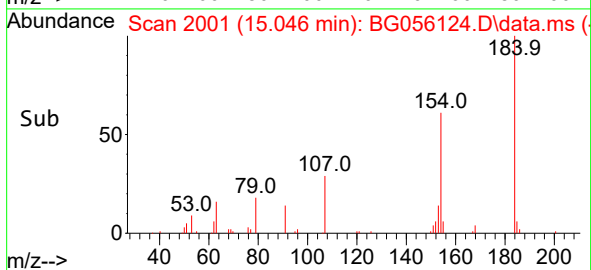
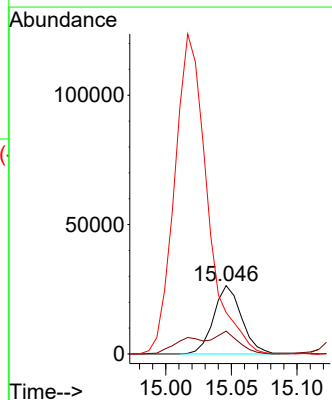
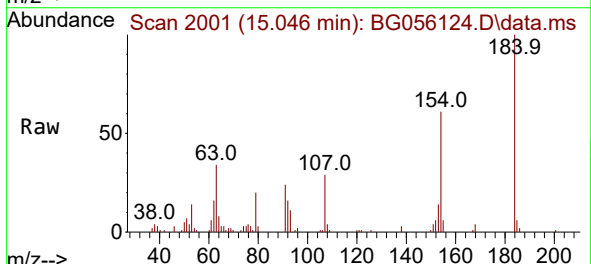
Instrument :
BNA_G
ClientSampleId :

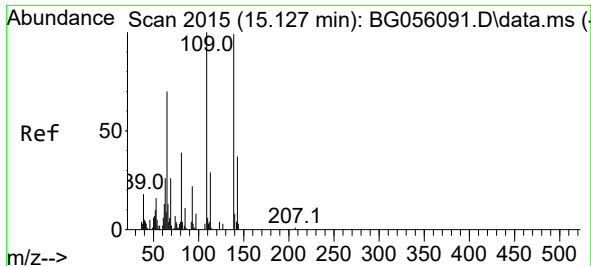
Tgt Ion:153 Resp: 226549
Ion Ratio Lower Upper
153 100
152 45.9 34.5 51.7
154 87.8 63.9 95.9



#53
2,4-Dinitrophenol
Concen: 18.515 ng/ul
RT: 15.046 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:184 Resp: 39165
Ion Ratio Lower Upper
184 100
63 33.6 16.8 25.2#
154 60.6 47.1 70.7

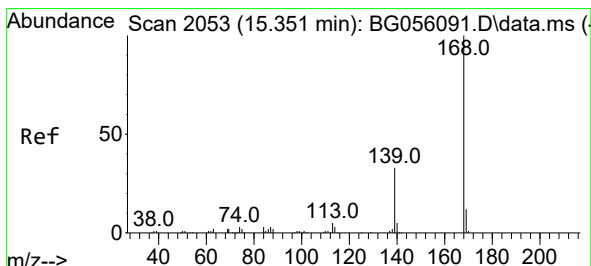
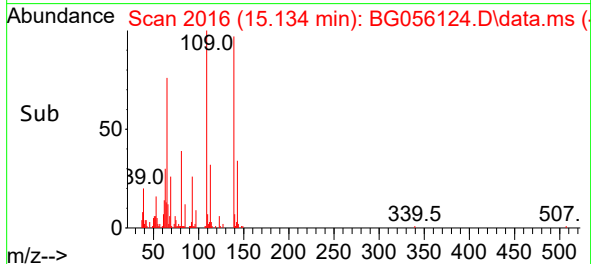
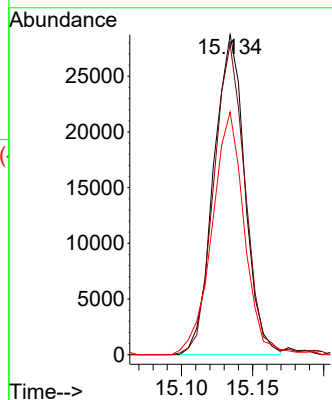
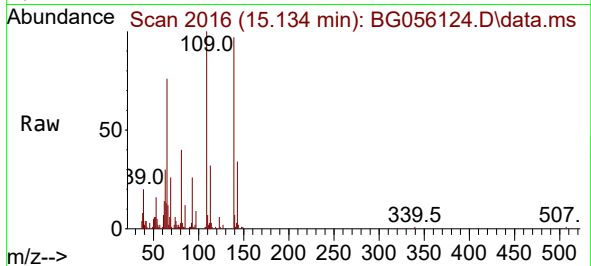




#55
4-Nitrophenol
Concen: 21.523 ng/ul
RT: 15.134 min Scan# 2015
Delta R.T. 0.007 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

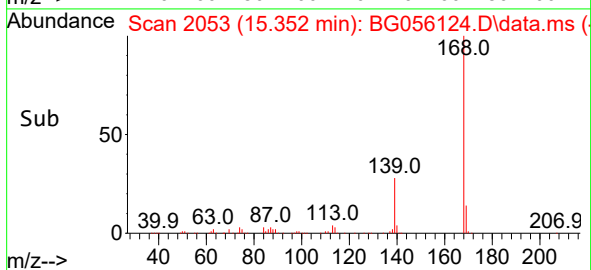
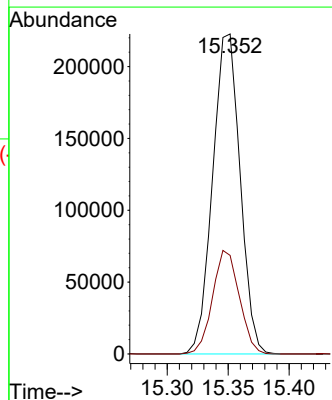
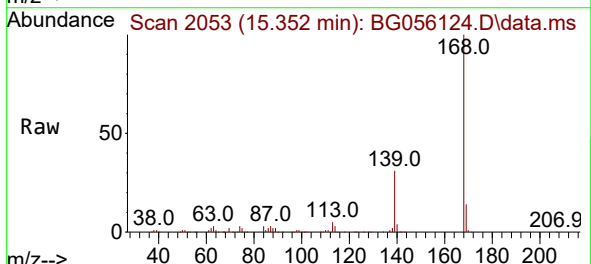
Instrument :
BNA_G
ClientSampleId :

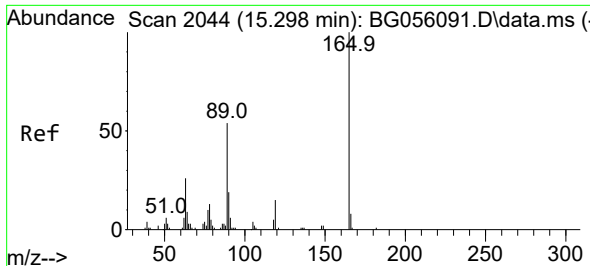
Tgt Ion:109 Resp: 43765
Ion Ratio Lower Upper
109 100
139 97.0 79.5 119.3
65 75.9 56.7 85.1



#56
Dibenzofuran
Concen: 20.384 ng/ul
RT: 15.352 min Scan# 2053
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:168 Resp: 349269
Ion Ratio Lower Upper
168 100
139 30.8 26.3 39.5





#57

2,4-Dinitrotoluene

Concen: 21.187 ng/ul

RT: 15.299 min Scan# 2044

Delta R.T. 0.001 min

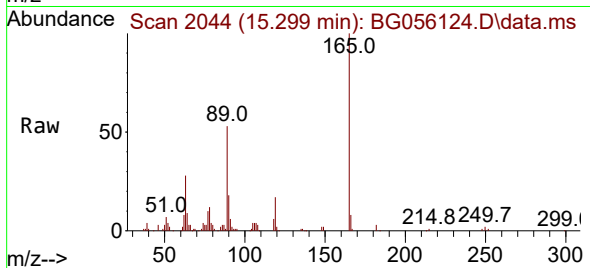
Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

Instrument :

BNA_G

ClientSampleId :



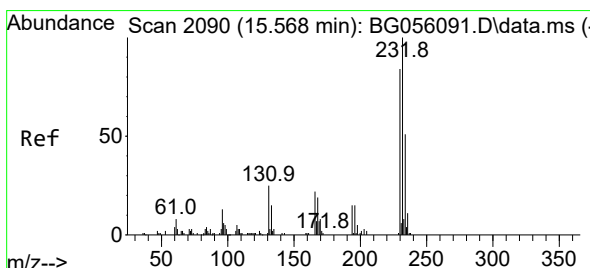
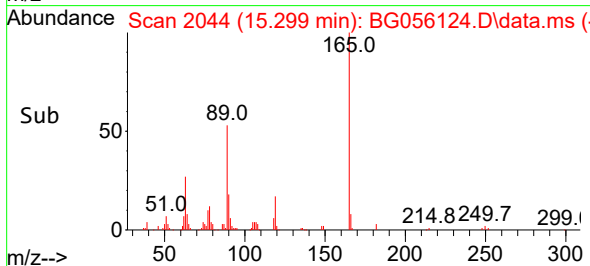
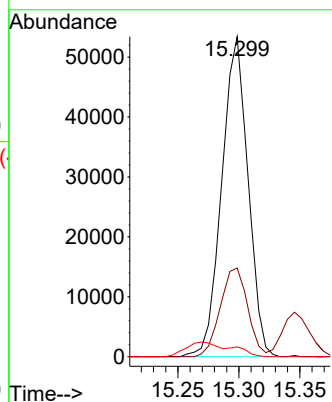
Tgt Ion:165 Resp: 79845

Ion Ratio Lower Upper

165 100

63 27.7 20.9 31.3

182 3.1 1.8 2.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.755 ng/ul

RT: 15.569 min Scan# 2090

Delta R.T. 0.001 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

Tgt Ion:232 Resp: 97002

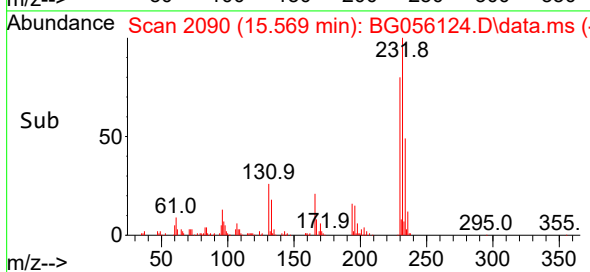
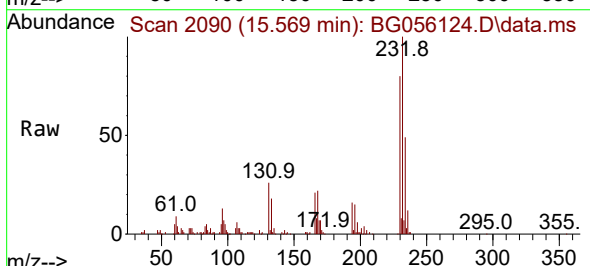
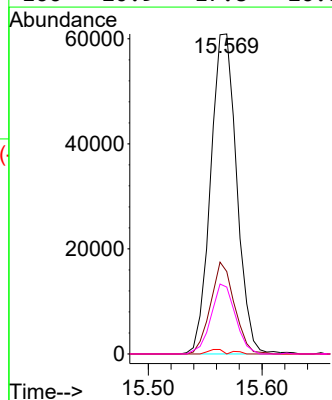
Ion Ratio Lower Upper

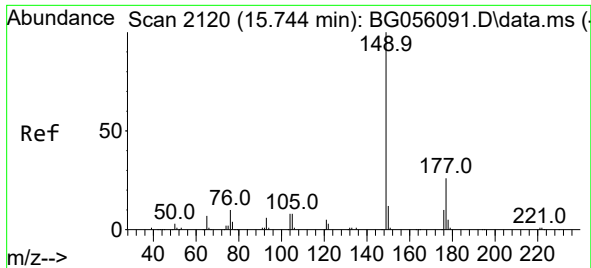
232 100

131 25.8 20.2 30.4

130 0.0 1.0 1.6#

166 20.9 17.8 26.8

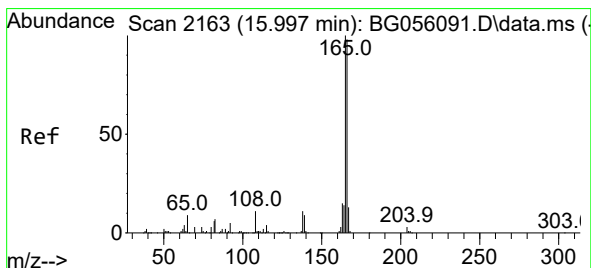
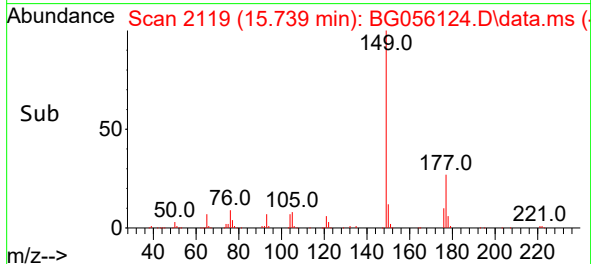
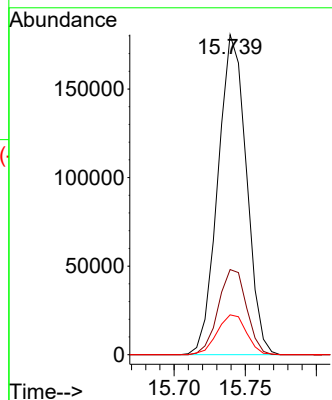
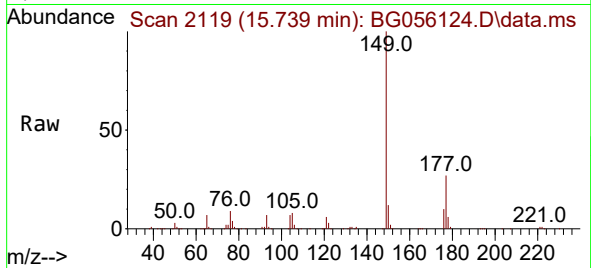




#59
Diethylphthalate
Concen: 20.450 ng/ul
RT: 15.739 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

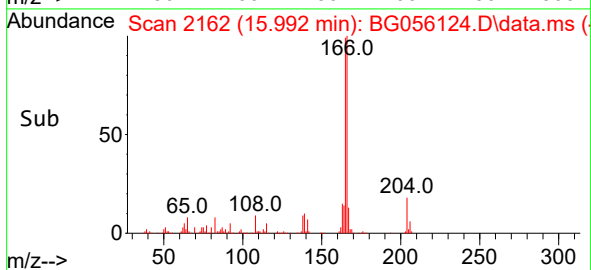
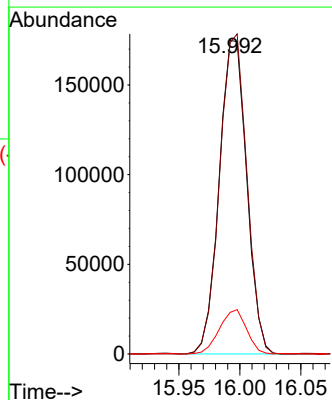
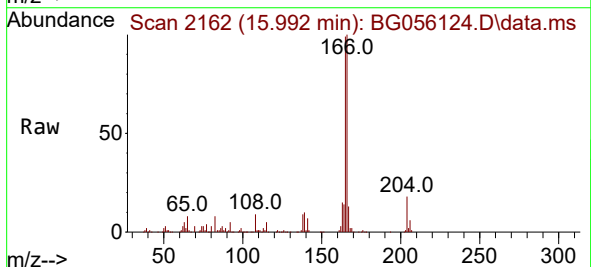
Instrument :
BNA_G
ClientSampleId :

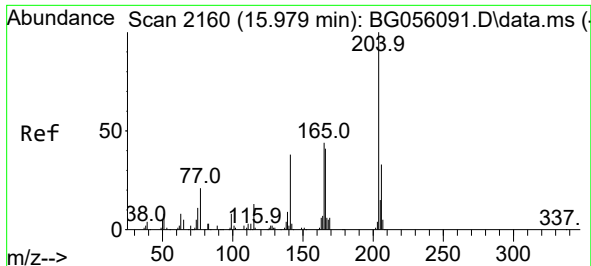
Tgt Ion:149 Resp: 251548
Ion Ratio Lower Upper
149 100
177 26.6 20.5 30.7
150 12.5 9.8 14.8



#61
Fluorene
Concen: 19.525 ng/ul
RT: 15.992 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:166 Resp: 274815
Ion Ratio Lower Upper
166 100
165 99.3 81.8 122.8
167 13.3 10.9 16.3





#62

4-Chlorophenyl-phenylether

Concen: 19.003 ng/ul

RT: 15.974 min Scan# 2159

Delta R.T. -0.005 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

Instrument :

BNA_G

ClientSampleId :

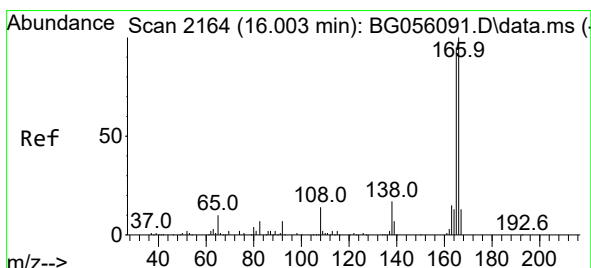
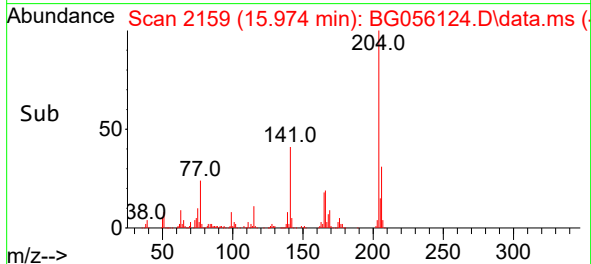
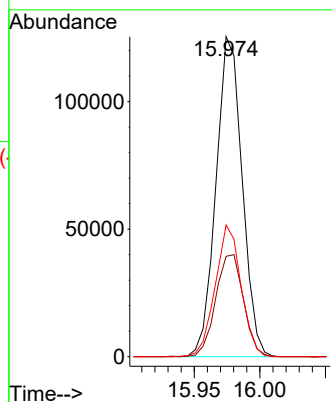
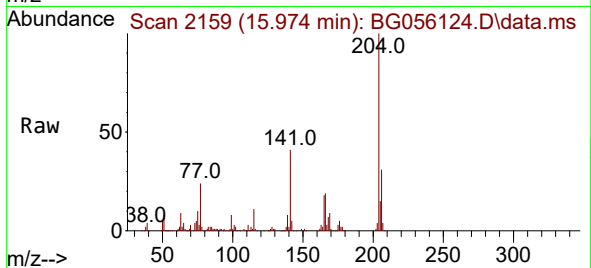
Tgt Ion:204 Resp: 173761

Ion Ratio Lower Upper

204 100

206 31.4 26.3 39.5

141 41.2 30.5 45.7



#63

4-Nitroaniline

Concen: 18.244 ng/ul

RT: 16.004 min Scan# 2164

Delta R.T. 0.001 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

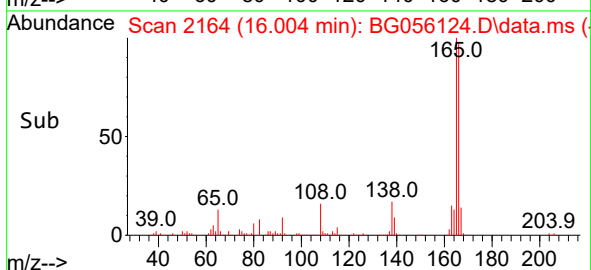
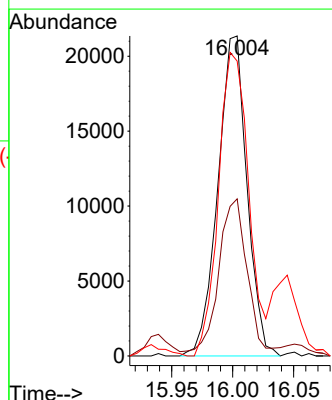
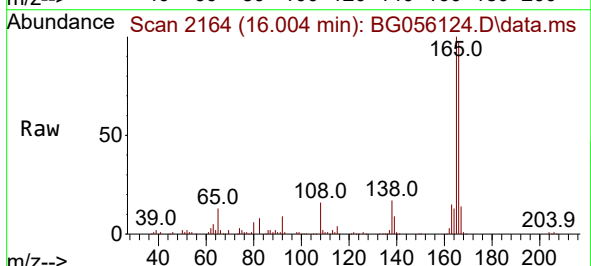
Tgt Ion:138 Resp: 35536

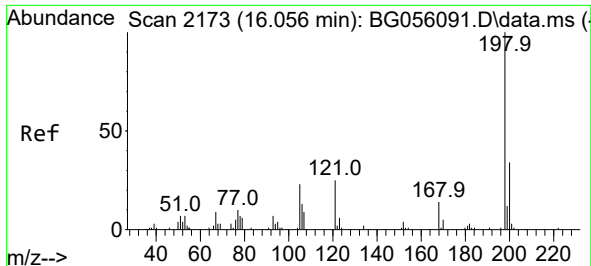
Ion Ratio Lower Upper

138 100

92 49.1 32.6 49.0#

108 92.2 66.3 99.5

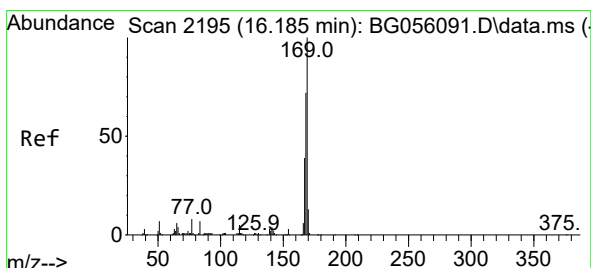
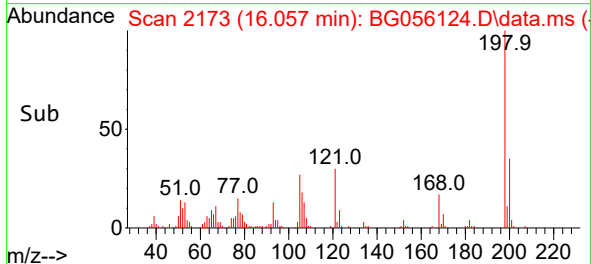
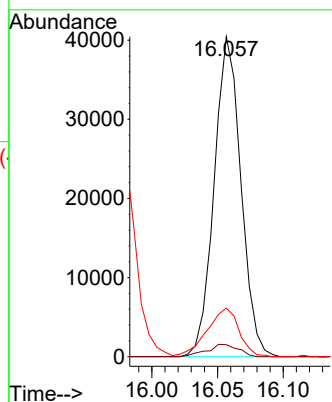
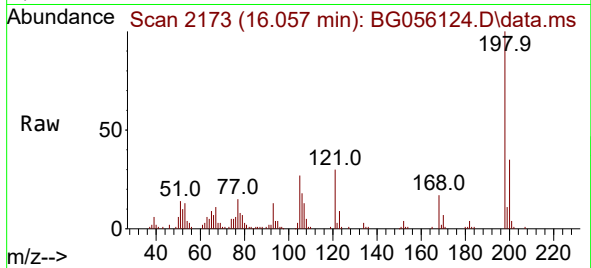




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.775 ng/ul
 RT: 16.057 min Scan# 2173
 Delta R.T. 0.001 min
 Lab File: BG056124.D
 Acq: 25 Dec 2022 16:53

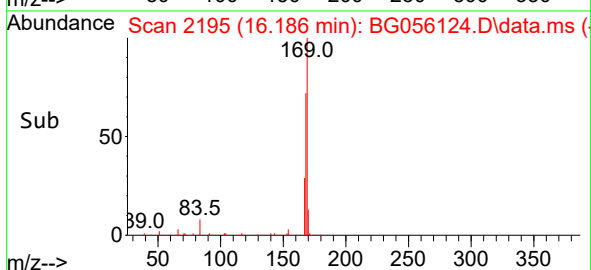
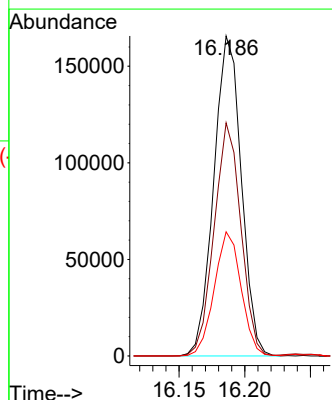
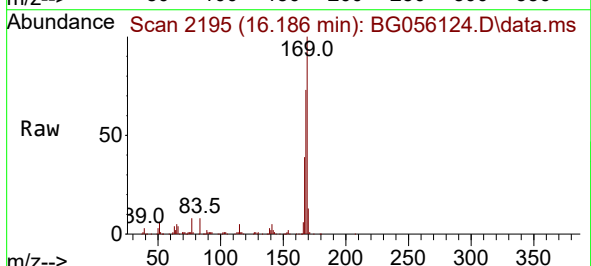
Instrument :
 BNA_G
 ClientSampleId :

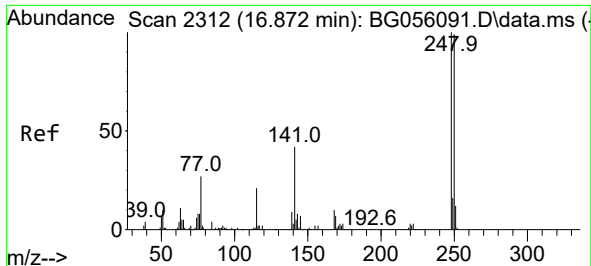
Tgt Ion:198 Resp: 57347
 Ion Ratio Lower Upper
 198 100
 182 3.8 2.1 3.1#
 77 15.2 8.2 12.2#



#67
 N-Nitrosodiphenylamine
 Concen: 21.294 ng/ul
 RT: 16.186 min Scan# 2195
 Delta R.T. 0.001 min
 Lab File: BG056124.D
 Acq: 25 Dec 2022 16:53

Tgt Ion:169 Resp: 241645
 Ion Ratio Lower Upper
 169 100
 168 72.8 57.4 86.0
 167 38.8 31.1 46.7

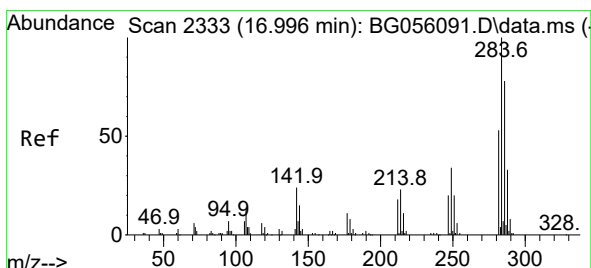
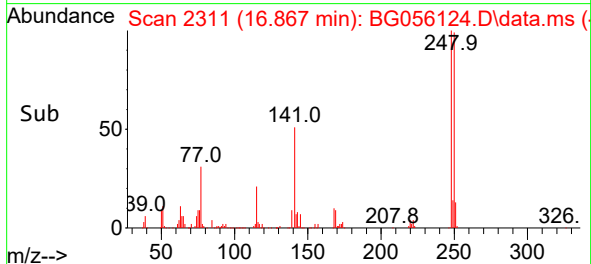
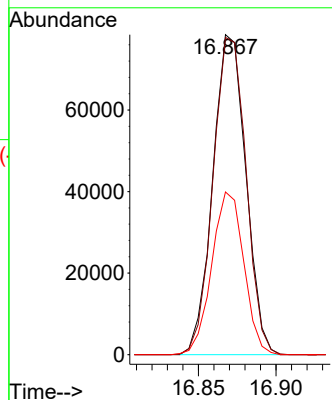
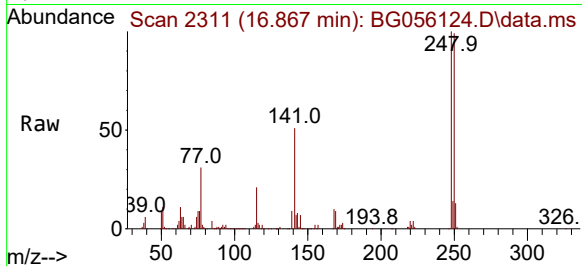




#68
4-Bromophenyl-phenylether
Concen: 20.476 ng/ul
RT: 16.867 min Scan# 211
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

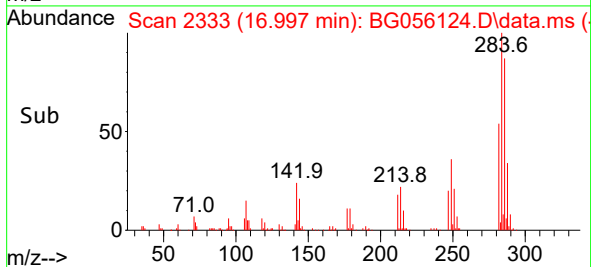
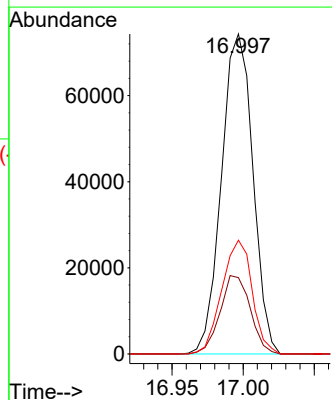
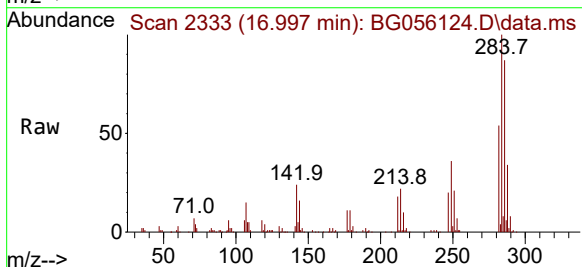
Instrument :
BNA_G
ClientSampleId :

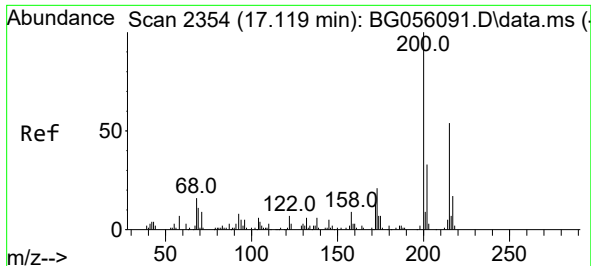
Tgt Ion:248 Resp: 116270
Ion Ratio Lower Upper
248 100
250 99.2 79.4 119.2
141 50.9 33.9 50.9



#69
Hexachlorobenzene
Concen: 20.801 ng/ul
RT: 16.997 min Scan# 2333
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

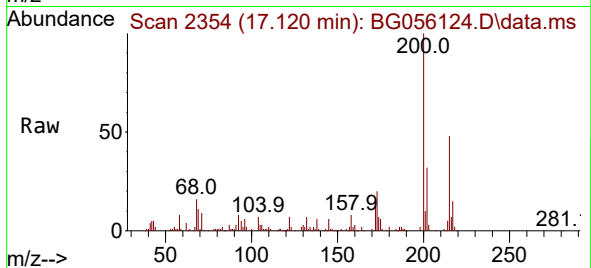
Tgt Ion:284 Resp: 114316
Ion Ratio Lower Upper
284 100
142 22.1 18.1 27.1
249 33.0 25.2 37.8



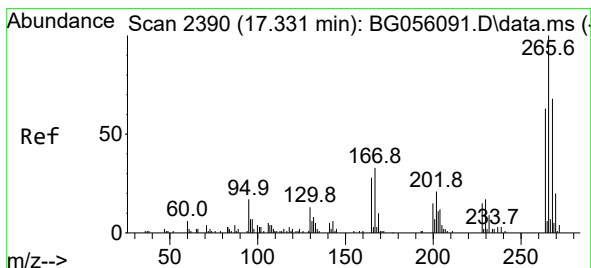
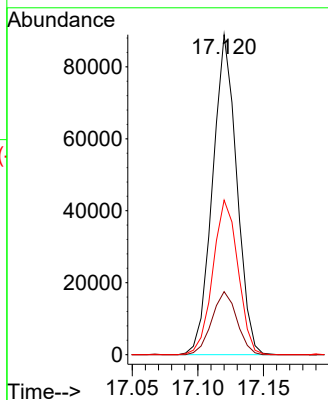
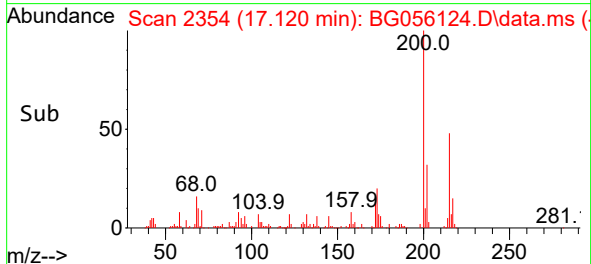


#70
Atrazine
Concen: 20.991 ng/ul
RT: 17.120 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

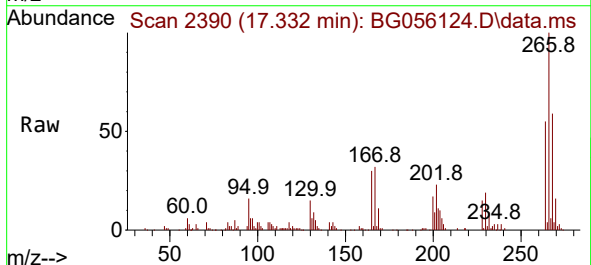
Instrument :
BNA_G
ClientSampleId :



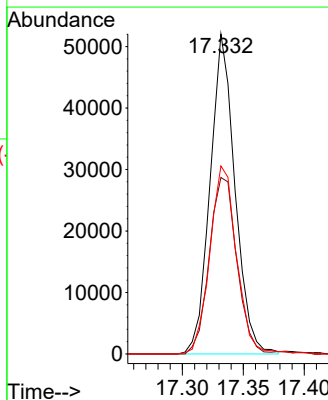
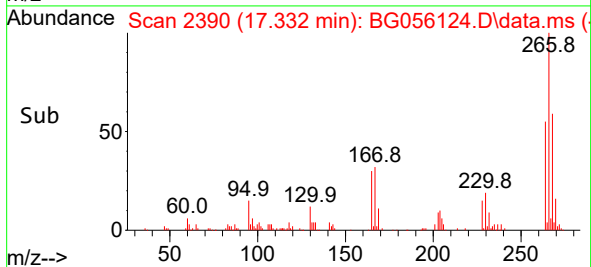
Tgt Ion:200 Resp: 113576
Ion Ratio Lower Upper
200 100
173 19.7 16.9 25.3
215 48.3 42.8 64.2

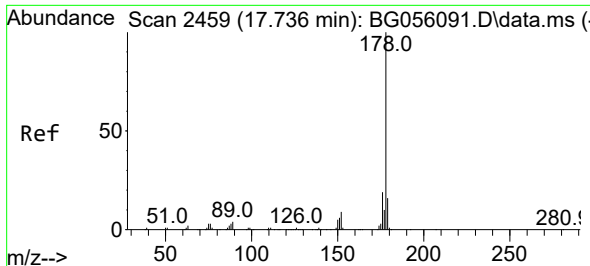


#71
Pentachlorophenol
Concen: 21.177 ng/ul
RT: 17.332 min Scan# 2390
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53



Tgt Ion:266 Resp: 73992
Ion Ratio Lower Upper
266 100
264 55.1 50.7 76.1
268 58.8 58.3 87.5

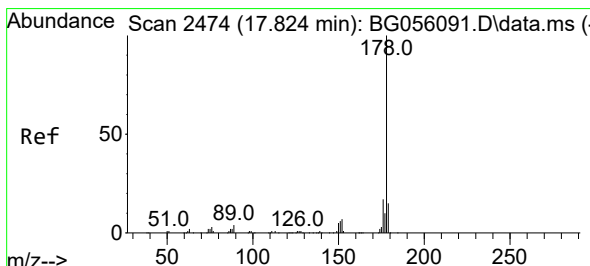
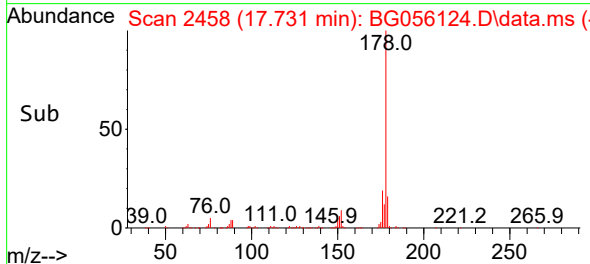
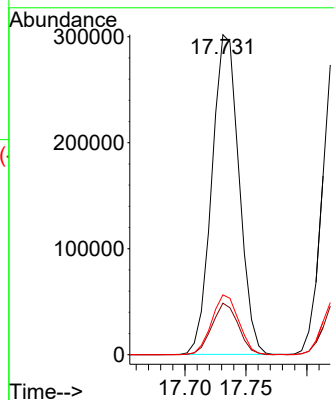
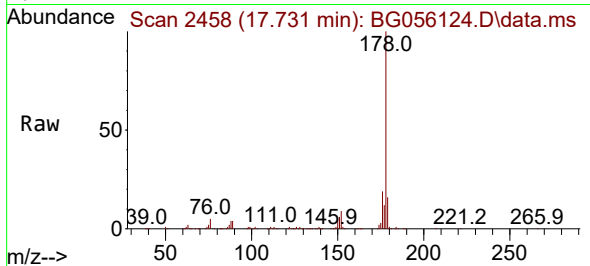




#72
Phenanthrene
Concen: 20.549 ng/ul
RT: 17.731 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

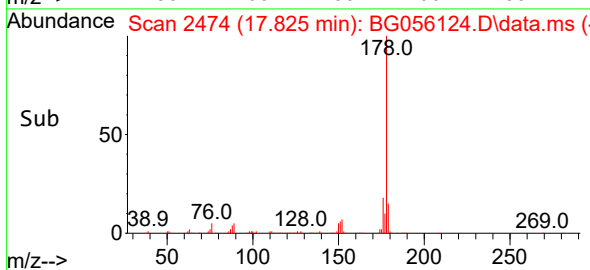
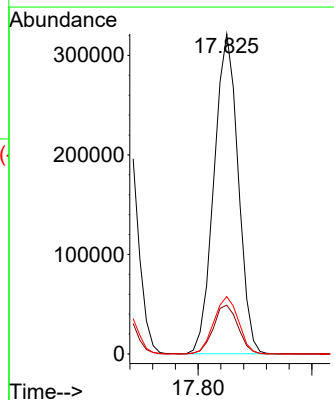
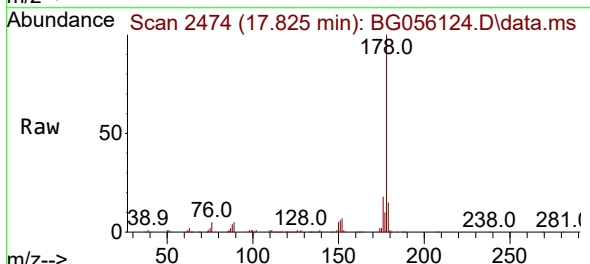
Instrument :
BNA_G
ClientSampleId :

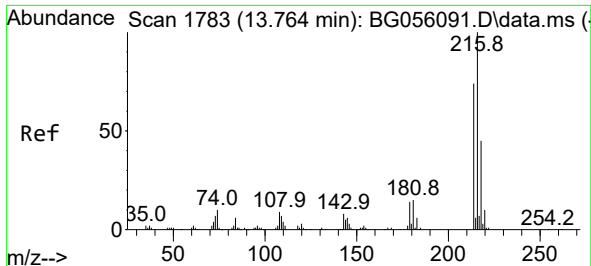
Tgt Ion:178 Resp: 467235
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 18.7 15.0 22.4



#74
Anthracene
Concen: 20.371 ng/ul
RT: 17.825 min Scan# 2474
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:178 Resp: 474174
Ion Ratio Lower Upper
178 100
179 15.2 12.1 18.1
176 18.0 13.9 20.9

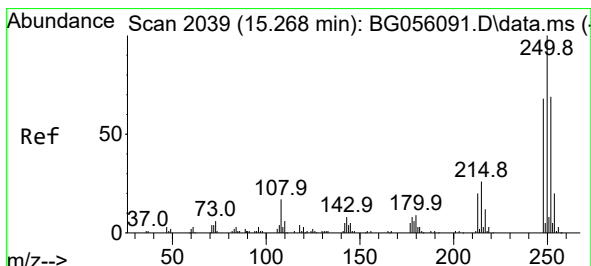
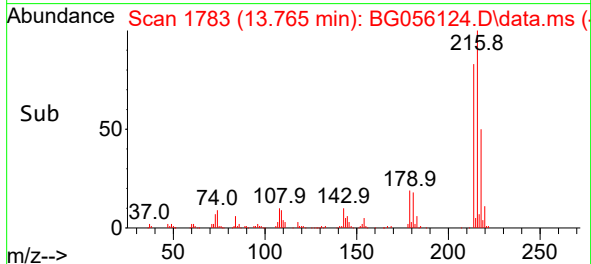
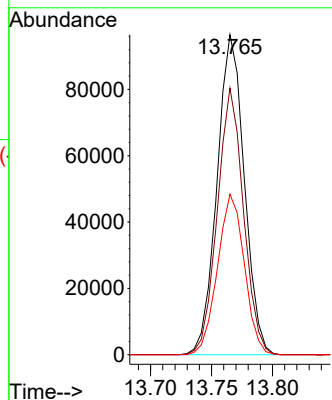
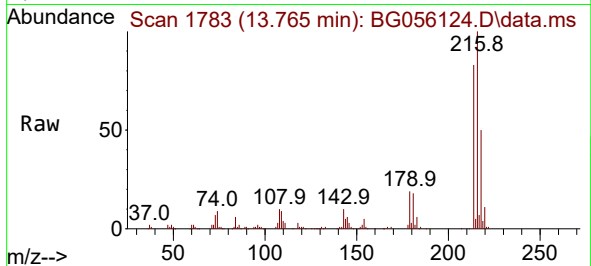




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.113 ng/uL
RT: 13.765 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

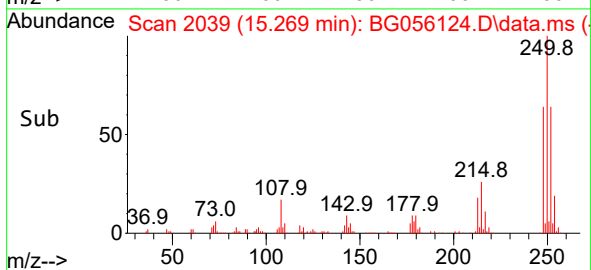
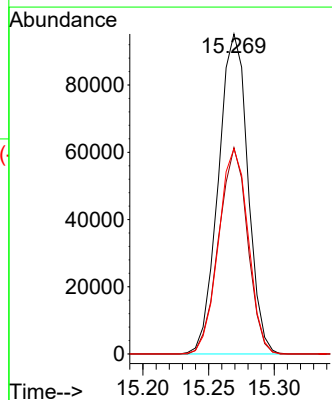
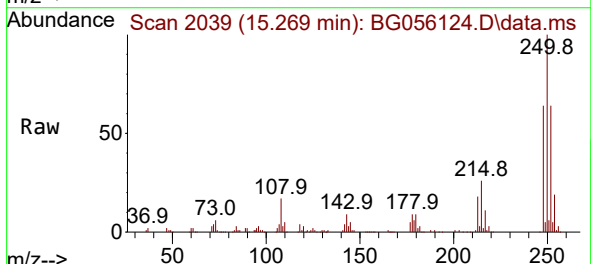
Instrument :
BNA_G
ClientSampleId :

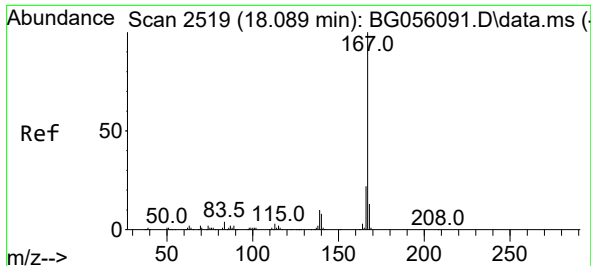
Tgt Ion:216 Resp: 150229
Ion Ratio Lower Upper
216 100
214 83.3 59.0 88.6
218 50.2 36.0 54.0



#76
Pentachlorobenzene
Concen: 22.168 ng/uL
RT: 15.269 min Scan# 2039
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:250 Resp: 148667
Ion Ratio Lower Upper
250 100
248 64.4 54.4 81.6
252 64.2 59.1 88.7

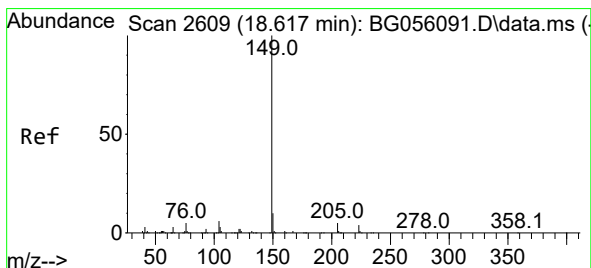
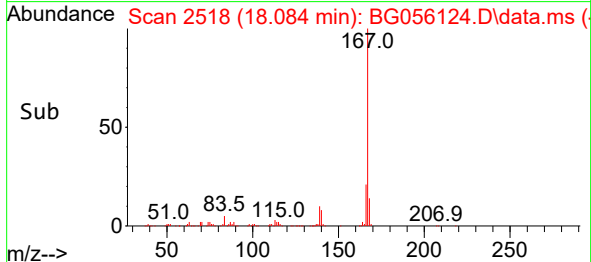
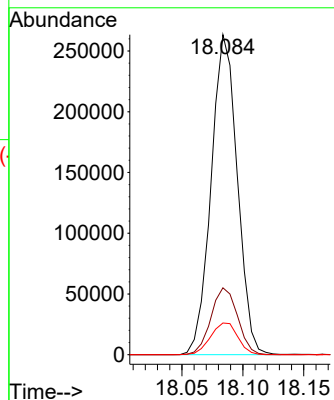
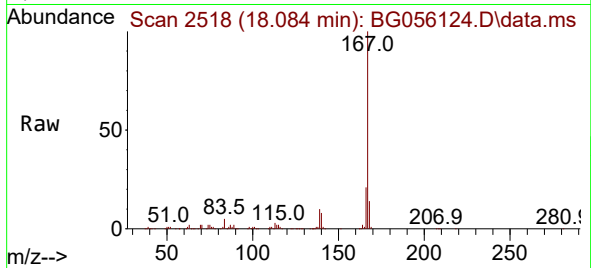




#77
 Carbazole
 Concen: 20.703 ng/ul
 RT: 18.084 min Scan# 2519
 Delta R.T. -0.005 min
 Lab File: BG056124.D
 Acq: 25 Dec 2022 16:53

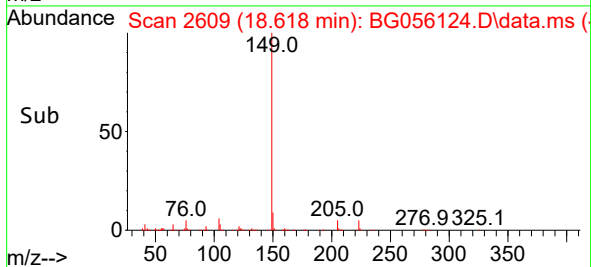
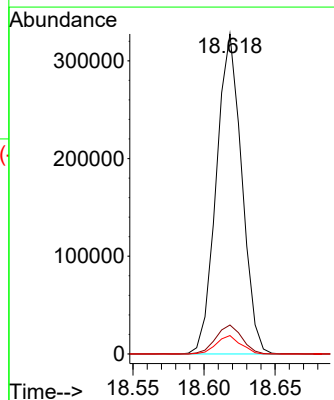
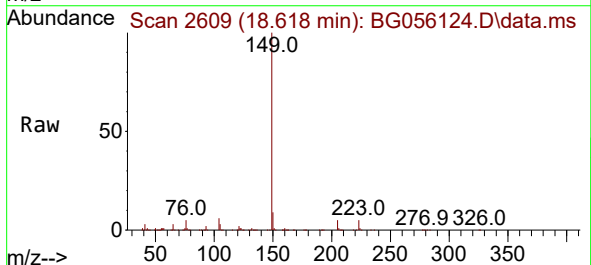
Instrument :
 BNA_G
 ClientSampleId :

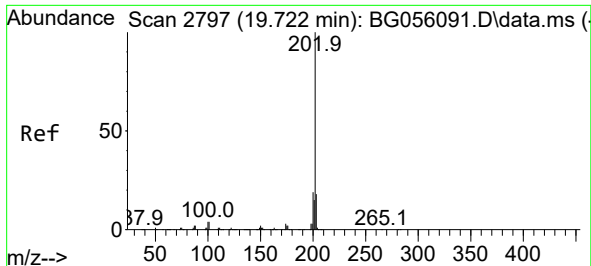
Tgt Ion:167 Resp: 393975
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 9.9 8.3 12.5



#78
 Di-n-butylphthalate
 Concen: 23.428 ng/ul
 RT: 18.618 min Scan# 2609
 Delta R.T. 0.001 min
 Lab File: BG056124.D
 Acq: 25 Dec 2022 16:53

Tgt Ion:149 Resp: 407339
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 5.8 4.6 7.0

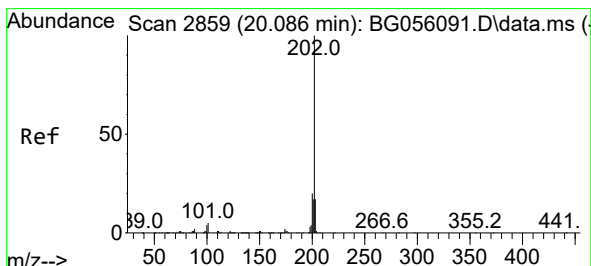
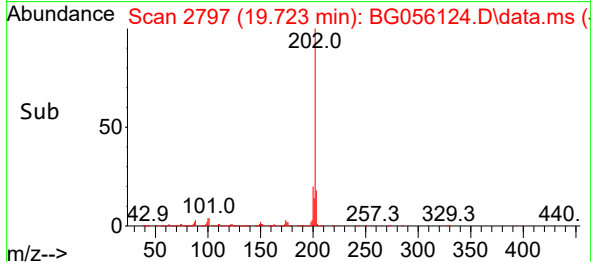
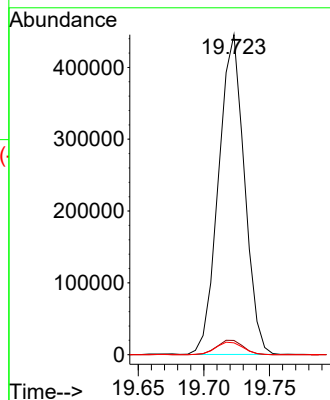
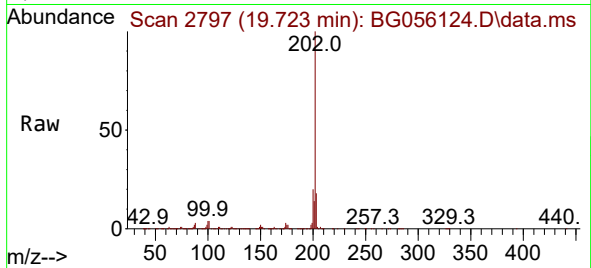




#80
Fluoranthene
Concen: 21.661 ng/ul
RT: 19.723 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

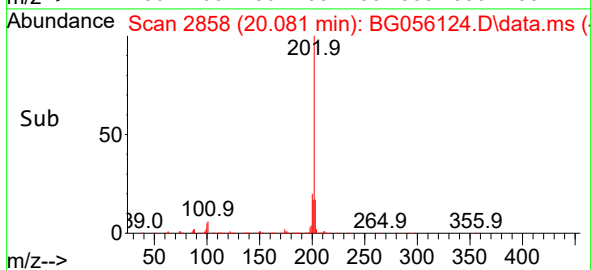
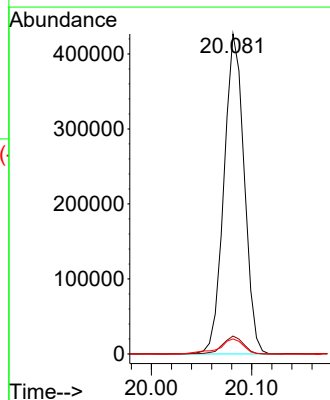
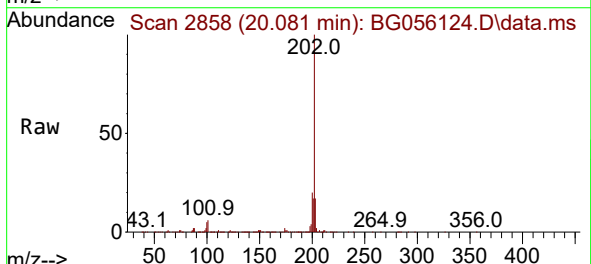
Instrument :
BNA_G
ClientSampleId :

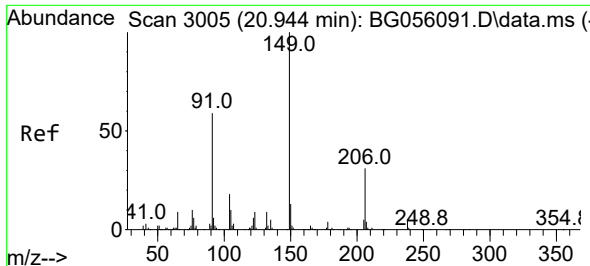
Tgt Ion:202 Resp: 609913
Ion Ratio Lower Upper
202 100
101 4.5 3.2 4.8
100 3.7 3.0 4.4



#82
Pyrene
Concen: 20.988 ng/ul
RT: 20.081 min Scan# 2858
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:202 Resp: 596177
Ion Ratio Lower Upper
202 100
101 5.6 3.6 5.4#
100 4.7 3.3 4.9

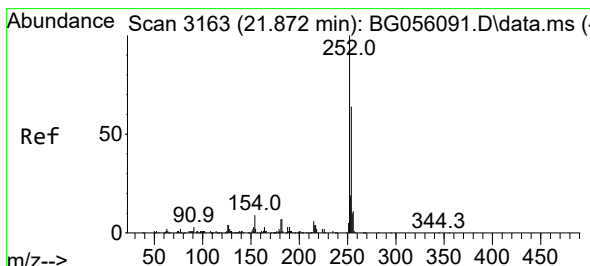
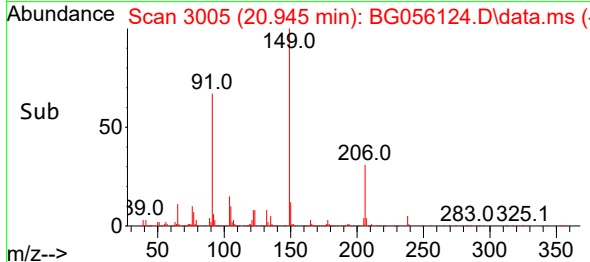
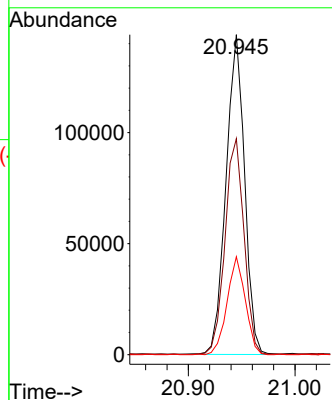
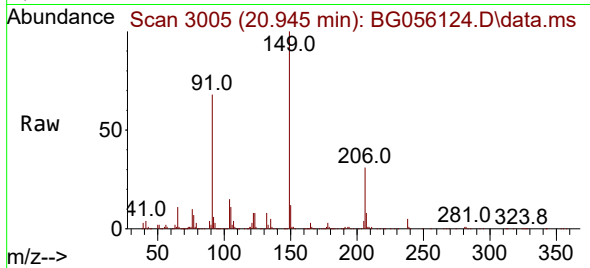




#83
 Butylbenzylphthalate
 Concen: 28.806 ng/ul
 RT: 20.945 min Scan# 3005
 Delta R.T. 0.001 min
 Lab File: BG056124.D
 Acq: 25 Dec 2022 16:53

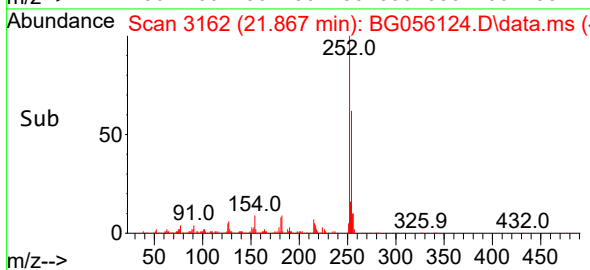
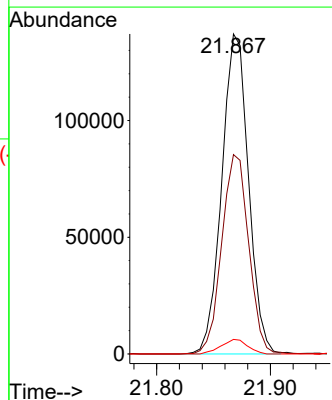
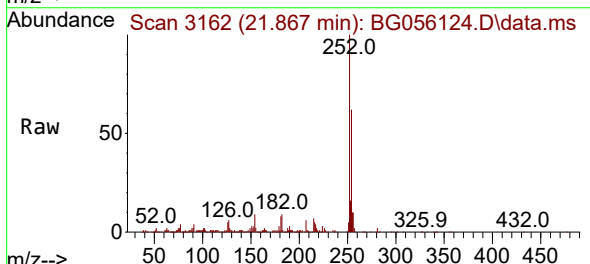
Instrument :
 BNA_G
 ClientSampleId :

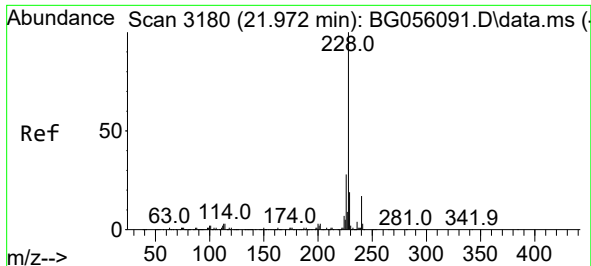
Tgt Ion:149 Resp: 174128
 Ion Ratio Lower Upper
 149 100
 91 67.5 46.9 70.3
 206 30.6 24.6 36.8



#84
 3,3'-Dichlorobenzidine
 Concen: 22.957 ng/ul
 RT: 21.867 min Scan# 3162
 Delta R.T. -0.005 min
 Lab File: BG056124.D
 Acq: 25 Dec 2022 16:53

Tgt Ion:252 Resp: 223646
 Ion Ratio Lower Upper
 252 100
 254 62.3 50.8 76.2
 126 4.5 3.4 5.0

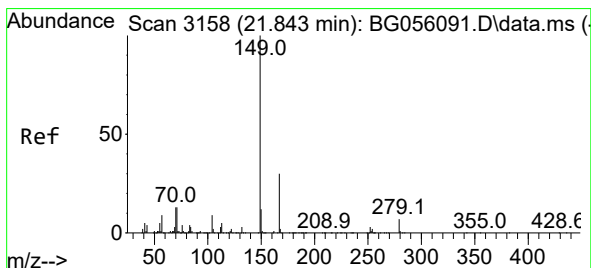
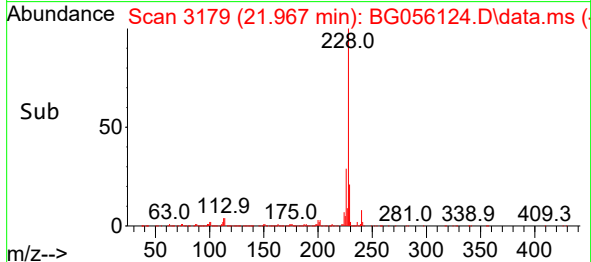
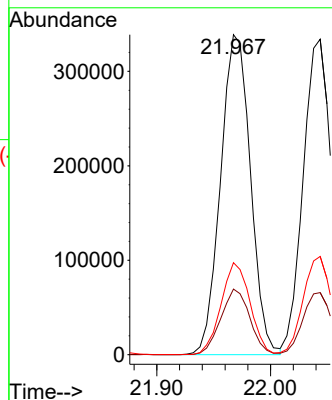
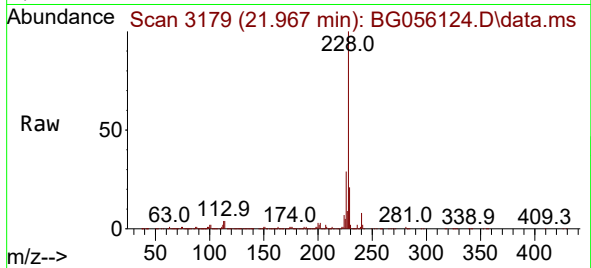




#85
Benzo(a)anthracene
Concen: 20.961 ng/ul
RT: 21.967 min Scan# 3180
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

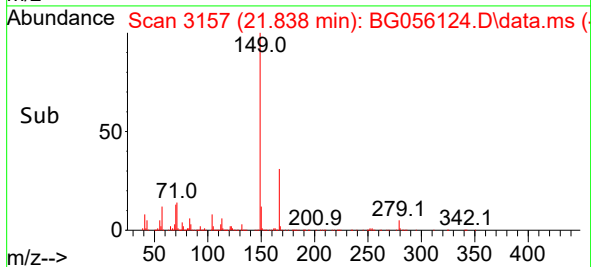
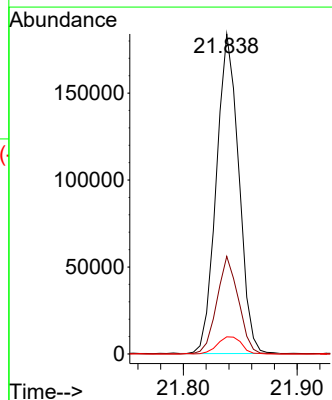
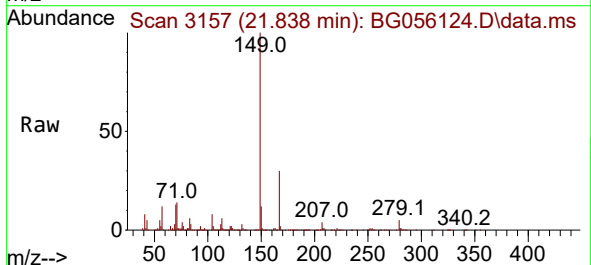
Instrument :
BNA_G
ClientSampleId :

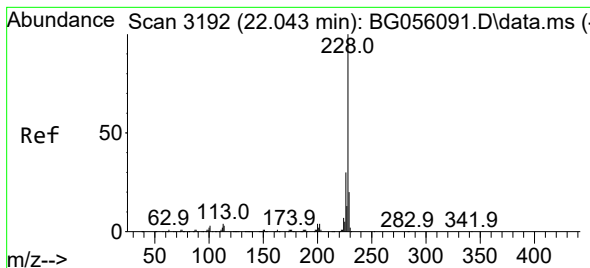
Tgt Ion:228 Resp: 620318
Ion Ratio Lower Upper
228 100
229 20.5 15.5 23.3
226 28.8 22.3 33.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 27.195 ng/ul
RT: 21.838 min Scan# 3157
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:149 Resp: 251828
Ion Ratio Lower Upper
149 100
167 30.5 23.7 35.5
279 5.4 5.4 8.0#





#87

Chrysene

Concen: 21.076 ng/ul

RT: 22.044 min Scan# 3192

Delta R.T. 0.001 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

Instrument :

BNA_G

ClientSampleId :

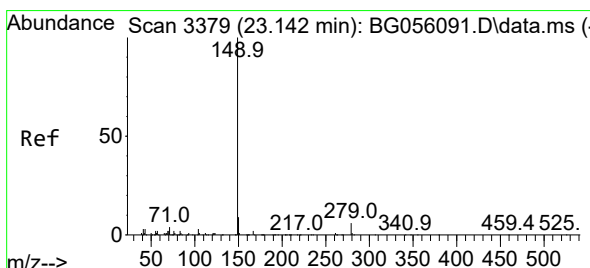
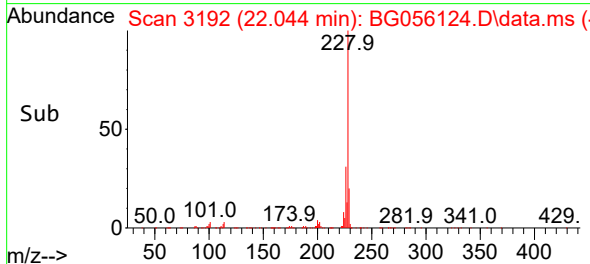
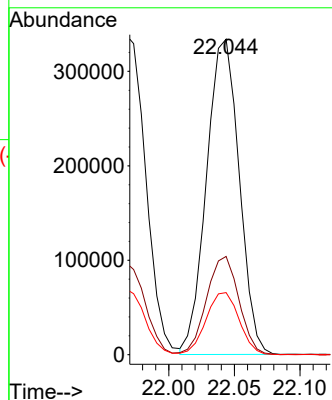
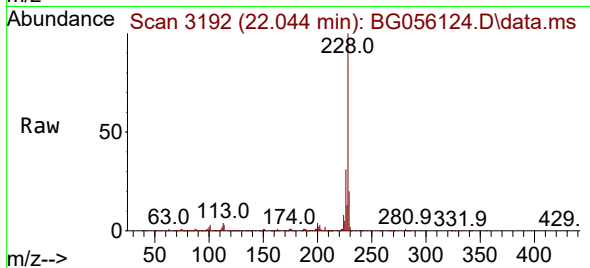
Tgt Ion:228 Resp: 578862

Ion Ratio Lower Upper

228 100

226 31.2 23.9 35.9

229 19.7 16.2 24.4



#89

Di-n-octyl phthalate

Concen: 24.217 ng/ul

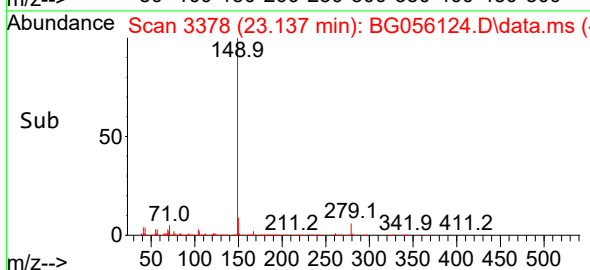
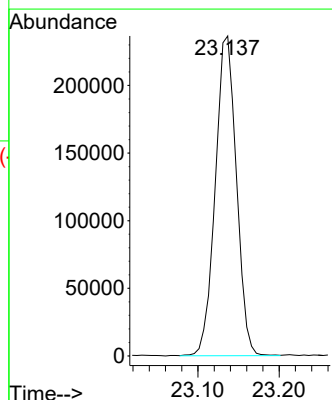
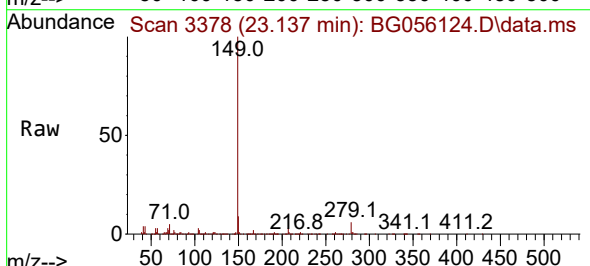
RT: 23.137 min Scan# 3378

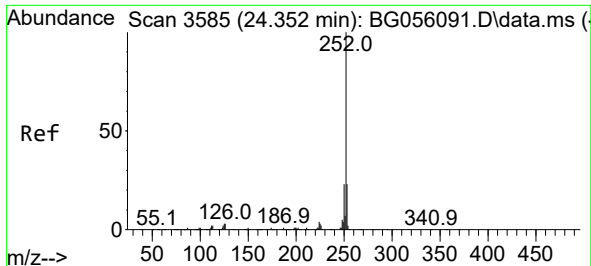
Delta R.T. -0.005 min

Lab File: BG056124.D

Acq: 25 Dec 2022 16:53

Tgt Ion:149 Resp: 427043

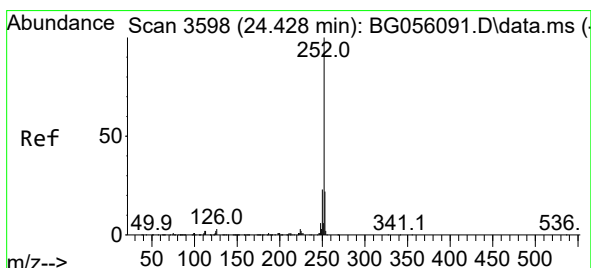
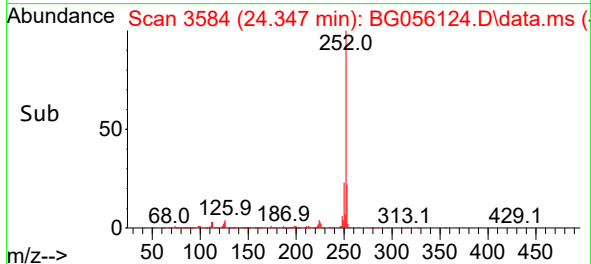
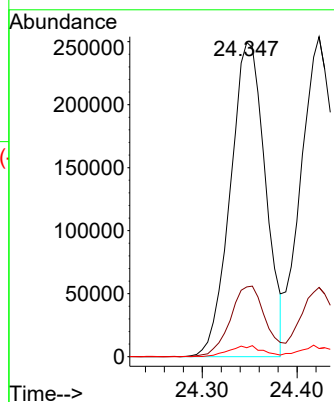
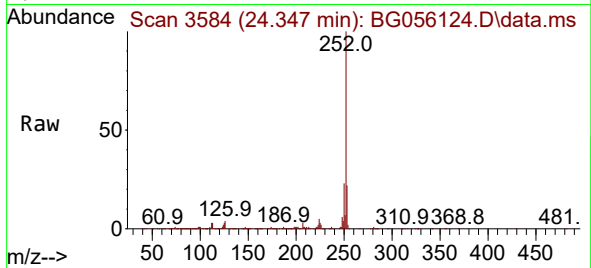




#90
Benzo(b)fluoranthene
Concen: 20.385 ng/ul
RT: 24.347 min Scan# 3584
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

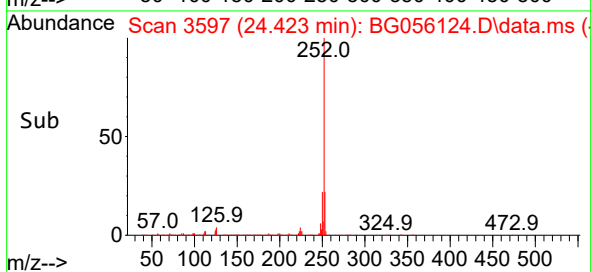
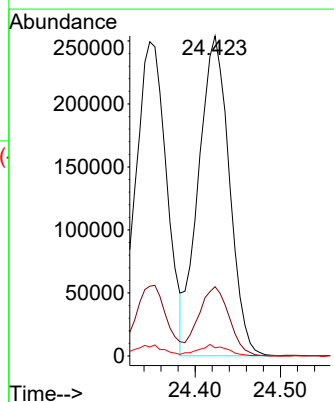
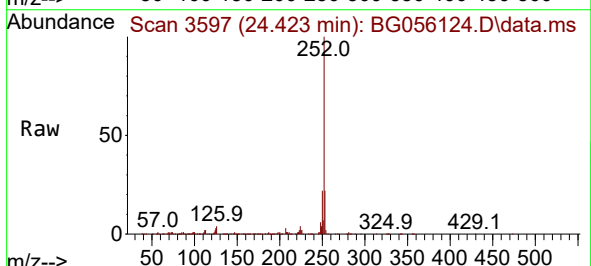
Instrument :
BNA_G
ClientSampleId :

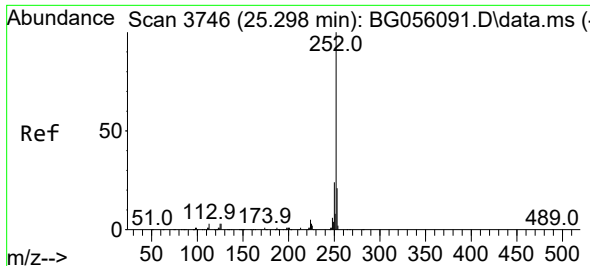
Tgt Ion:252 Resp: 641249
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 2.8 2.2 3.4



#91
Benzo(k)fluoranthene
Concen: 20.782 ng/ul
RT: 24.423 min Scan# 3597
Delta R.T. -0.005 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:252 Resp: 637938
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 2.5 2.0 3.0

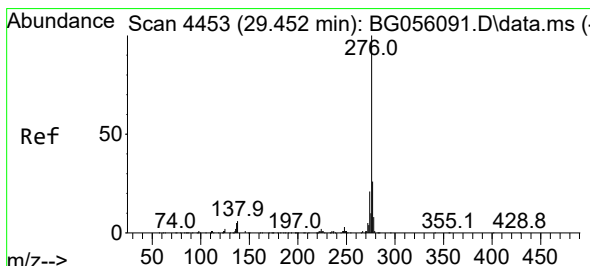
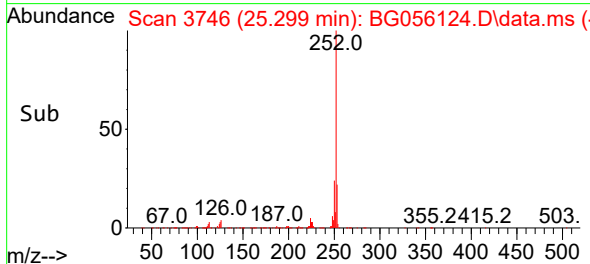
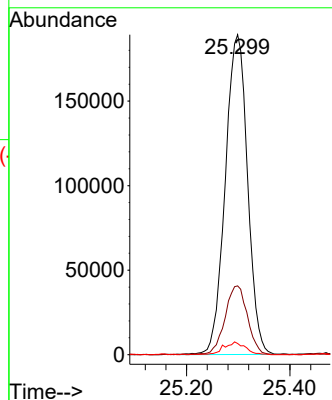
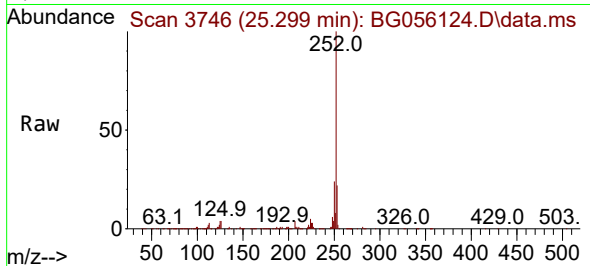




#93
Benzo(a)pyrene
Concen: 20.623 ng/ul
RT: 25.299 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

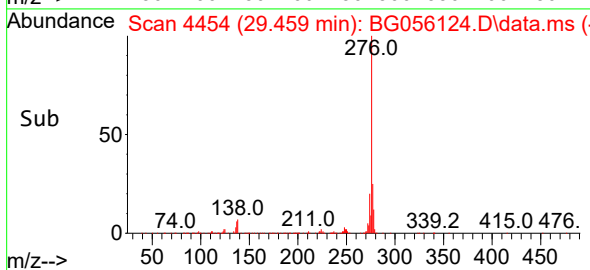
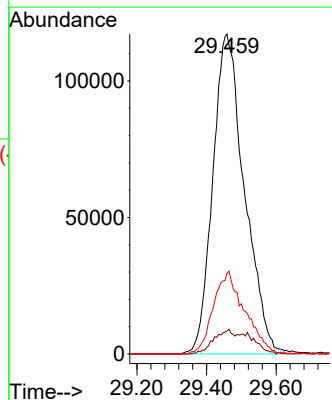
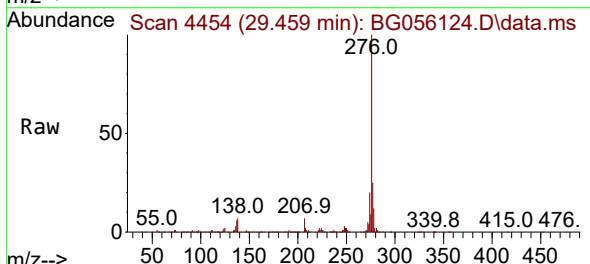
Instrument :
BNA_G
ClientSampleId :

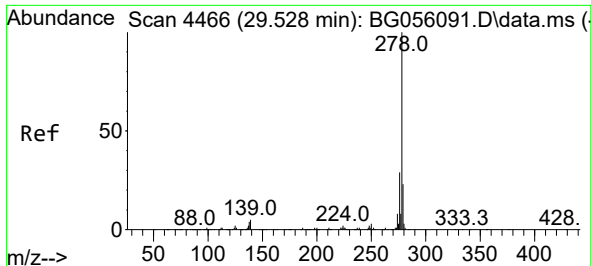
Tgt Ion:252 Resp: 565290
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 3.5 2.3 3.5#



#94
Indeno(1,2,3-cd)pyrene
Concen: 20.421 ng/ul
RT: 29.459 min Scan# 4454
Delta R.T. 0.007 min
Lab File: BG056124.D
Acq: 25 Dec 2022 16:53

Tgt Ion:276 Resp: 737269
Ion Ratio Lower Upper
276 100
138 7.1 4.4 6.6#
277 25.1 20.7 31.1

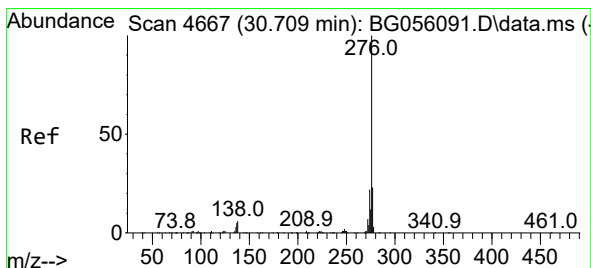
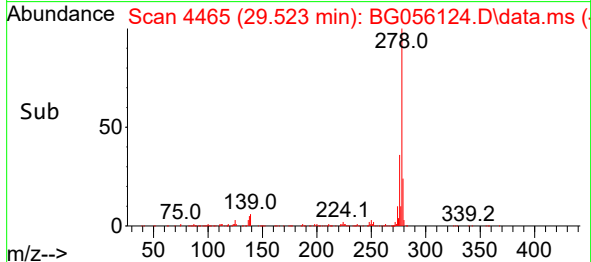
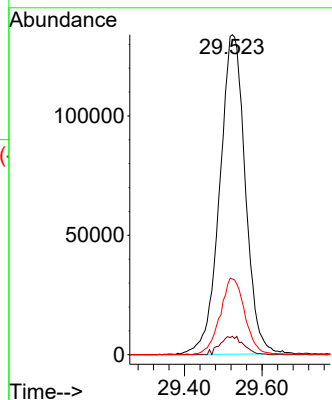
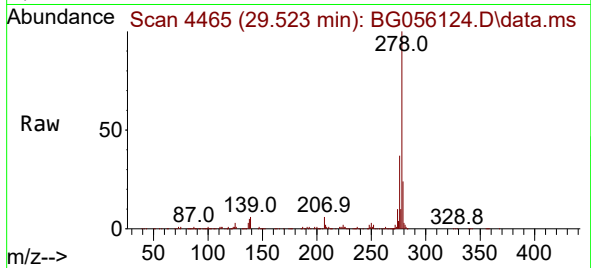




#95
 Dibenzo(a,h)anthracene
 Concen: 20.273 ng/ul
 RT: 29.523 min Scan# 4466
 Delta R.T. -0.005 min
 Lab File: BG056124.D
 Acq: 25 Dec 2022 16:53

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:278 Resp: 612180
 Ion Ratio Lower Upper
 278 100
 139 5.7 4.3 6.5
 279 23.6 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 19.903 ng/ul
 RT: 30.710 min Scan# 4667
 Delta R.T. 0.001 min
 Lab File: BG056124.D
 Acq: 25 Dec 2022 16:53

Tgt Ion:276 Resp: 577463
 Ion Ratio Lower Upper
 276 100
 138 6.5 5.1 7.7
 277 22.3 18.5 27.7

