

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062122\
 Data File : BG053984.D
 Acq On : 21 Jun 2022 18:42
 Operator : CG/JU
 Sample : PB145591BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 21 23:07:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 15:29:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	21157	20.000	ng/u1	0.00
20) Naphthalene-d8	10.886	136	83674	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.705	164	64109	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.443	188	167494	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.720	240	185635	20.000	ng/u1	# 0.00
88) Perylene-d12	24.981	264	194325	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.500	96	2571	5.782	ng/uL	0.00
4) Pyridine-d5	3.918	84	35804	29.604	ng/u1	0.00
7) Phenol-d5	7.231	99	47994	31.664	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.402	67	27932	30.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.613	132	38199	31.604	ng/u1	0.00
15) 4-Methylphenol-d8	8.782	113	40191	31.099	ng/u1	0.00
21) Nitrobenzene-d5	9.241	128	19167	30.861	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	22080	33.460	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	47511	32.542	ng/u1	0.00
31) 4-Chloroaniline-d4	11.015	131	53341	28.920	ng/u1	0.00
46) Dimethylphthalate-d6	14.106	166	159779	31.681	ng/u1	0.00
49) Acenaphthylene-d8	14.399	160	167997	30.633	ng/u1	0.00
54) 4-Nitrophenol-d4	14.887	143	22344	32.356	ng/u1	0.00
60) Fluorene-d10	15.692	176	142301	31.412	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	30995	33.923	ng/u1	0.00
73) Anthracene-d10	17.543	188	240135	31.746	ng/u1	0.00
81) Pyrene-d10	19.828	212	316879	32.739	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.758	264	324735	33.106	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.541	88	5870	12.097	ng/uL#	81
5) Pyridine	3.935	79	36896	29.416	ng/u1	97
6) Benzaldehyde	7.214	77	32027	41.494	ng/u1	96
8) Phenol	7.261	94	50268	31.784	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.490	93	38063	31.773	ng/u1	91
12) 2-Chlorophenol	7.643	128	40084	32.481	ng/u1	92
13) 2-Methylphenol	8.518	108	38320	31.214	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.606	45	56222	31.595	ng/u1	99
16) Acetophenone	8.900	105	61360	30.700	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.882	70	31825	31.236	ng/u1	99
18) 4-Methylphenol	8.847	108	41431	31.547	ng/u1	97
19) Hexachloroethane	9.170	117	16739	32.010	ng/u1	91
22) Nitrobenzene	9.282	77	47067	31.816	ng/u1	97
23) Isophorone	9.805	82	89700	31.274	ng/u1	99
25) 2-Nitrophenol	9.993	139	23242	33.589	ng/u1	94
26) 2,4-Dimethylphenol	10.052	107	44863	29.691	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.287	93	51460	31.870	ng/u1	99
29) 2,4-Dichlorophenol	10.533	162	47371	32.445	ng/u1	96
30) Naphthalene	10.939	128	129186	31.124	ng/u1	99
32) 4-Chloroaniline	11.039	127	53414	29.203	ng/u1	97
33) Hexachlorobutadiene	11.227	225	43510	30.510	ng/u1	99
34) Caprolactam	11.797	113	8838	20.285	ng/u1	82
35) 4-Chloro-3-methylphenol	12.155	107	46444	33.078	ng/u1	96
36) 2-Methylnaphthalene	12.537	142	94413	30.748	ng/u1	95

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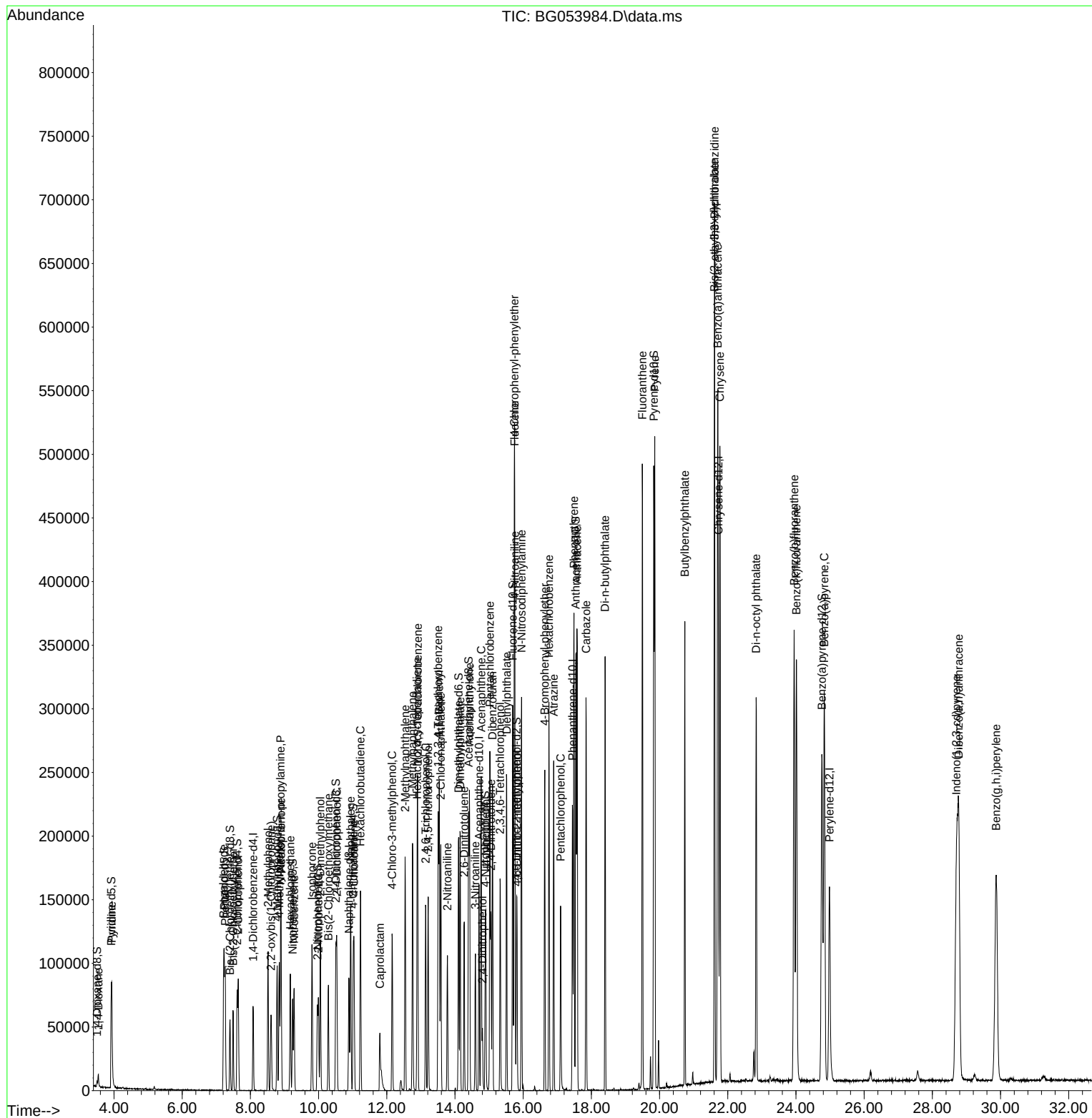
Quant Time: Jun 21 23:07:53 2022
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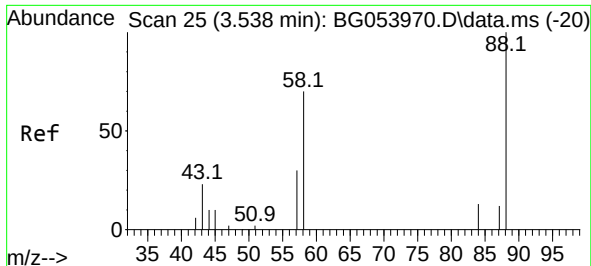
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.754	142	94839	30.971	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.907	216	80749	30.988	ng/ul	97
40) Hexachlorocyclopentadiene	12.889	237	36334	24.862	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.142	196	46055	34.053	ng/ul	90
42) 2,4,5-Trichlorophenol	13.213	196	49923	32.651	ng/ul	99
43) 1,1'-Biphenyl	13.536	154	139496	31.394	ng/ul	99
44) 2-Chloronaphthalene	13.583	162	114156	30.937	ng/ul	98
45) 2-Nitroaniline	13.777	65	32377	34.877	ng/ul	98
47) Dimethylphthalate	14.153	163	154579	31.889	ng/ul	100
48) 2,6-Dinitrotoluene	14.270	165	33588	34.453	ng/ul	93
50) Acenaphthylene	14.423	152	177165	31.462	ng/ul	99
51) 3-Nitroaniline	14.599	138	28626	36.171	ng/ul#	90
52) Acenaphthene	14.770	153	117820	31.332	ng/ul	100
53) 2,4-Dinitrophenol	14.805	184	14223	31.492	ng/ul#	59
55) 4-Nitrophenol	14.899	109	22241	32.855	ng/ul	88
56) Dibenzofuran	15.099	168	181323	31.515	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	48033	33.965	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.322	232	47979	36.113	ng/ul#	95
59) Diethylphthalate	15.516	149	152274	32.038	ng/ul	97
61) Fluorene	15.751	166	147421	31.460	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	92063	30.898	ng/ul	95
63) 4-Nitroaniline	15.757	138	29040	38.161	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.821	198	29981	34.183	ng/ul#	97
67) N-Nitrosodiphenylamine	15.950	169	135912	33.191	ng/ul	98
68) 4-Bromophenyl-phenylether	16.632	248	68813	33.075	ng/ul	93
69) Hexachlorobenzene	16.755	284	79825	32.736	ng/ul	93
70) Atrazine	16.896	200	64535	32.087	ng/ul	97
71) Pentachlorophenol	17.096	266	37468	36.252	ng/ul	89
72) Phenanthrene	17.490	178	271813	32.756	ng/ul	99
74) Anthracene	17.578	178	271203	32.429	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.506	216	88503	31.023	ng/uL	97
76) Pentachlorobenzene	15.022	250	85583	32.618	ng/uL	94
77) Carbazole	17.842	167	228448	33.132	ng/ul	98
78) Di-n-butylphthalate	18.401	149	264737	33.724	ng/ul	99
80) Fluoranthene	19.493	202	357574	33.093	ng/ul#	93
82) Pyrene	19.858	202	355026	33.049	ng/ul#	94
83) Butylbenzylphthalate	20.739	149	115582	35.702	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.614	252	139449	36.300	ng/ul#	96
85) Benzo(a)anthracene	21.703	228	380618	33.264	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.609	149	167704	35.451	ng/ul	99
87) Chrysene	21.767	228	361566	32.938	ng/ul	99
89) Di-n-octyl phthalate	22.831	149	289110	34.642	ng/ul	100
90) Benzo(b)fluoranthene	23.947	252	401220	33.437	ng/ul#	98
91) Benzo(k)fluoranthene	24.012	252	385828	33.581	ng/ul#	98
93) Benzo(a)pyrene	24.828	252	388984	33.653	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.706	276	469638	33.771	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.771	278	399885	34.169	ng/ul#	96
96) Benzo(g,h,i)perylene	29.869	276	398357	33.927	ng/ul#	95

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

ClientSampleId :

Response via : Initial Calibration

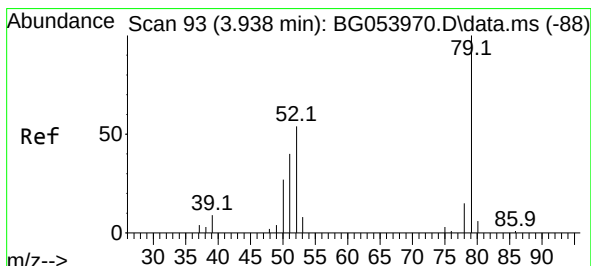
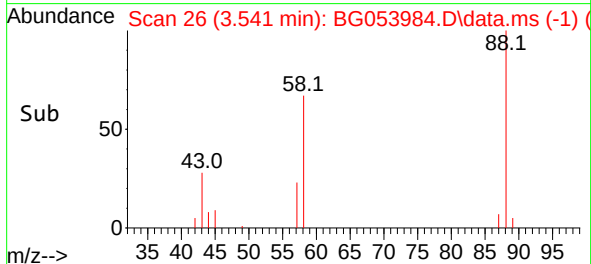
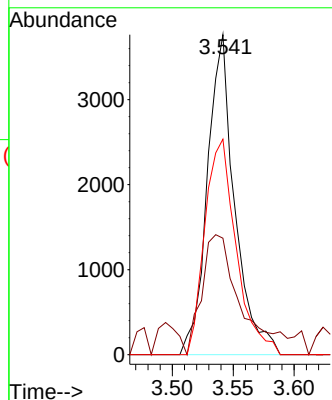
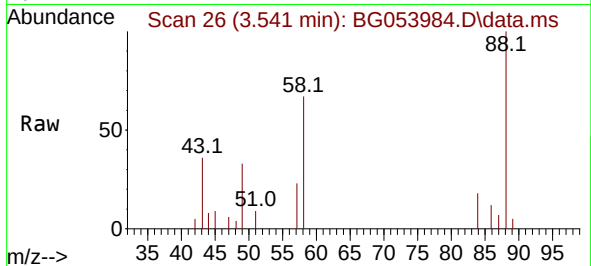




#2
1,4-Dioxane
Concen: 12.097 ng/uL
RT: 3.541 min Scan# 20
Delta R.T. 0.000 min
Lab File: BG053984.D
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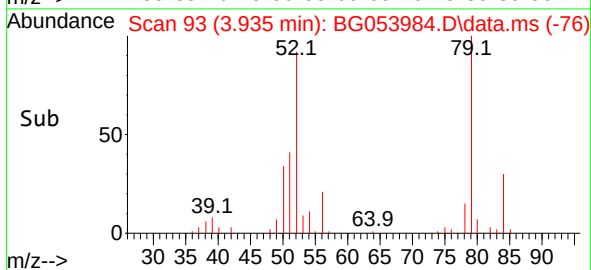
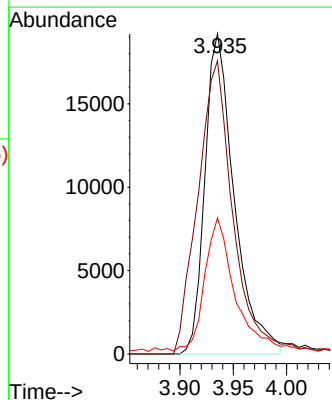
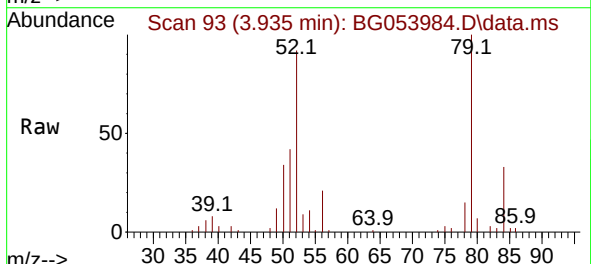
Instrument :
BNA_G
ClientSampleId :

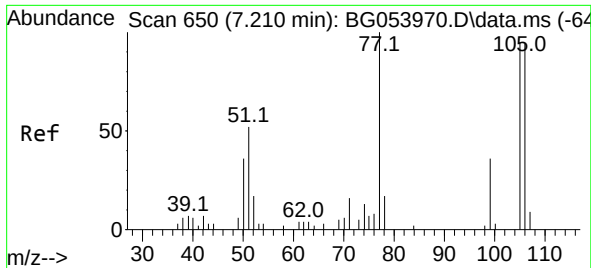
Tgt Ion: 88 Resp: 5870
Ion Ratio Lower Upper
88 100
43 36.4 48.1 72.1#
58 67.3 59.8 89.6



#5
Pyridine
Concen: 29.416 ng/uL
RT: 3.935 min Scan# 93
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion: 79 Resp: 36896
Ion Ratio Lower Upper
79 100
52 91.6 75.4 113.2
51 42.5 35.2 52.8

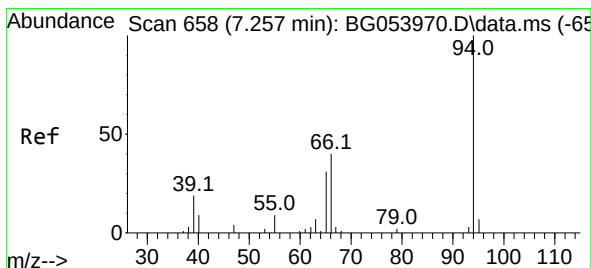
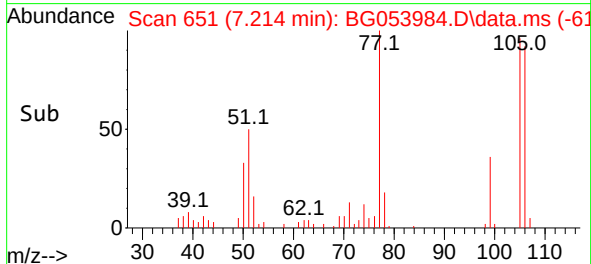
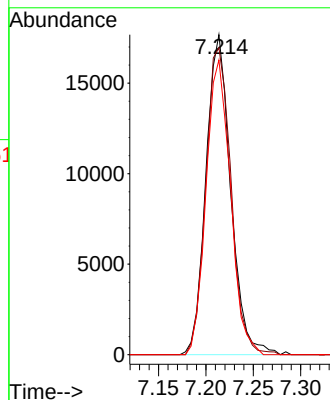
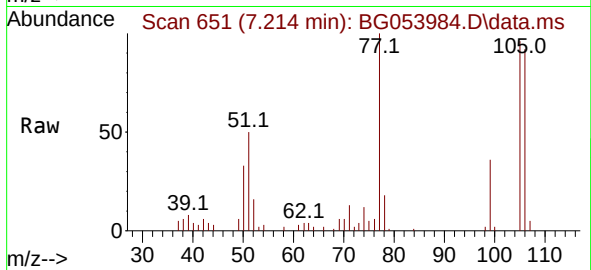




#6
Benzaldehyde
Concen: 41.494 ng/ul
RT: 7.214 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

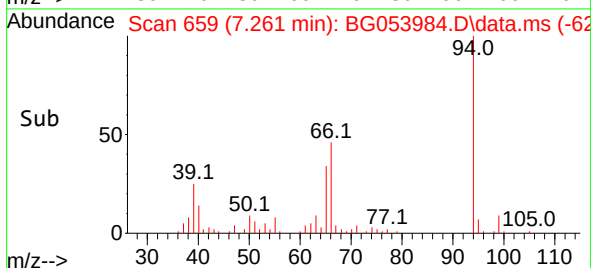
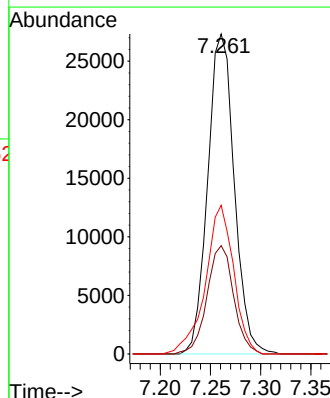
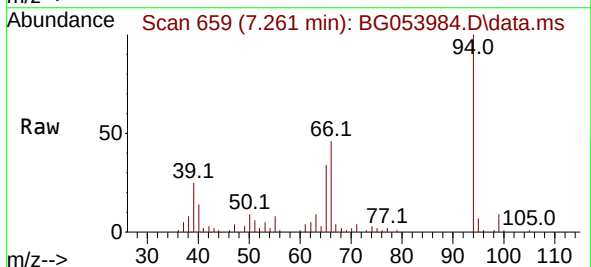
Instrument :
BNA_G
ClientSampleId :

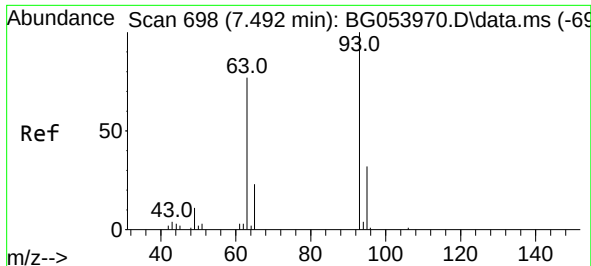
Tgt Ion: 77 Resp: 32027
Ion Ratio Lower Upper
77 100
105 95.9 79.7 119.5
106 92.1 71.0 106.4



#8
Phenol
Concen: 31.784 ng/ul
RT: 7.261 min Scan# 659
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

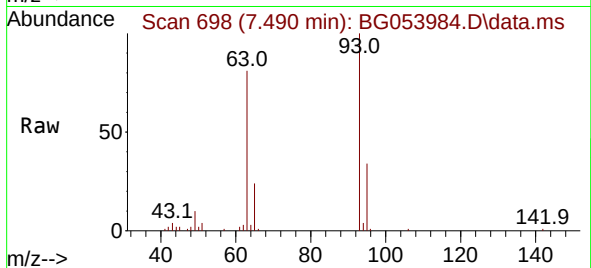
Tgt Ion: 94 Resp: 50268
Ion Ratio Lower Upper
94 100
65 33.9 24.1 36.1
66 46.4 32.5 48.7





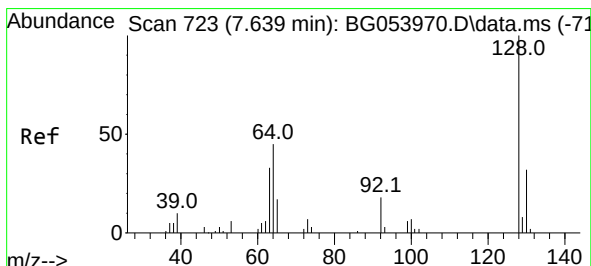
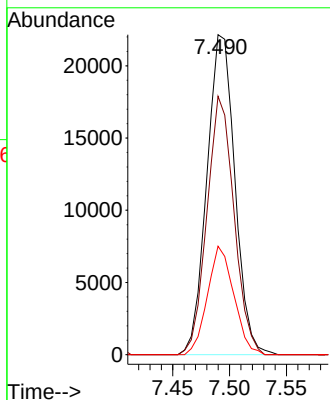
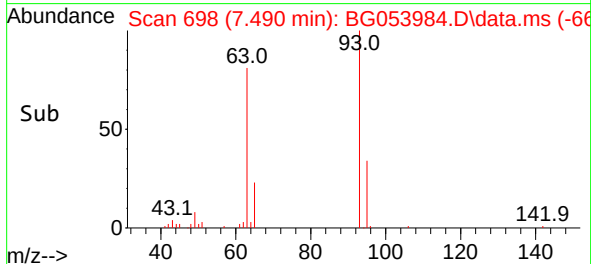
#10
Bis(2-Chloroethyl)ether
Concen: 31.773 ng/ul
RT: 7.490 min Scan# 698
Delta R.T. -0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Instrument :
BNA_G
ClientSampleId :

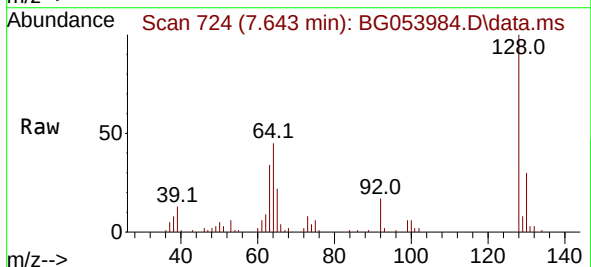


Tgt Ion: 93 Resp: 38063

Ion	Ratio	Lower	Upper
93	100		
63	80.8	72.3	108.5
95	33.9	29.4	44.0

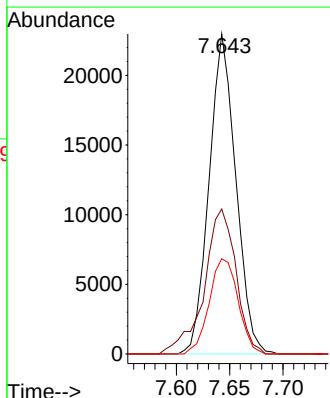
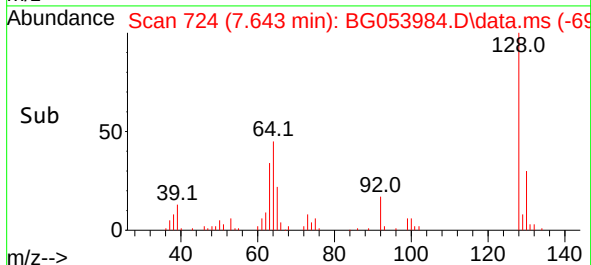


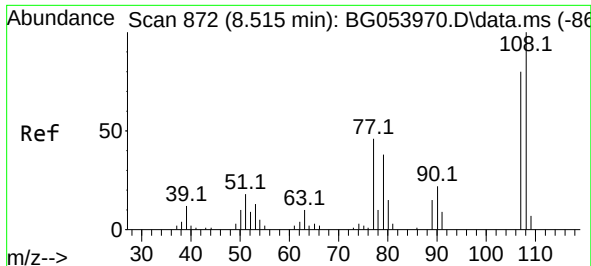
#12
2-Chlorophenol
Concen: 32.481 ng/ul
RT: 7.643 min Scan# 724
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42



Tgt Ion: 128 Resp: 40084

Ion	Ratio	Lower	Upper
128	100		
64	45.3	41.4	62.2
130	29.8	27.0	40.6





#13

2-Methylphenol

Concen: 31.214 ng/ul

RT: 8.518 min Scan# 81

Delta R.T. 0.006 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Instrument :

BNA_G

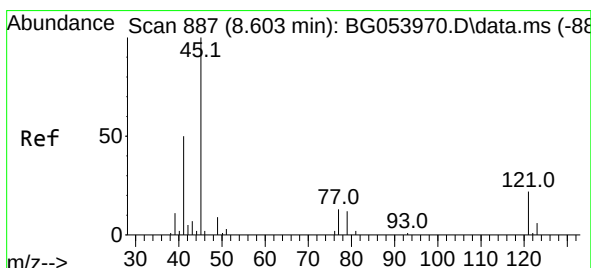
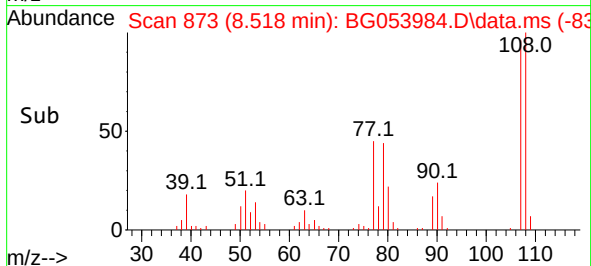
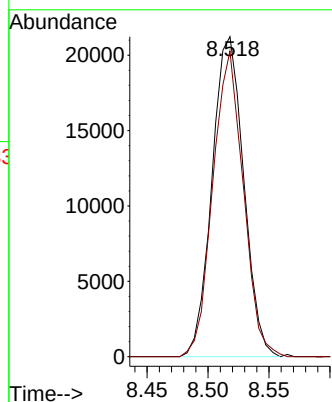
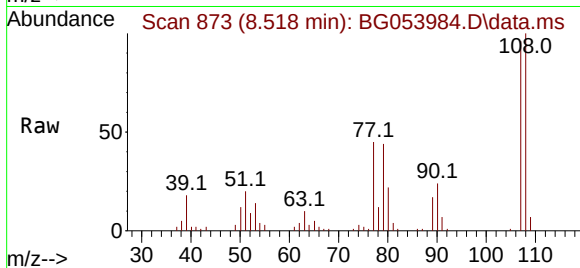
ClientSampleId :

Tgt Ion:108 Resp: 38320

Ion Ratio Lower Upper

108 100

107 95.5 75.8 113.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.595 ng/ul

RT: 8.606 min Scan# 888

Delta R.T. 0.000 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

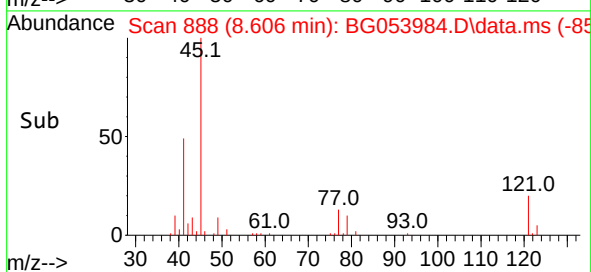
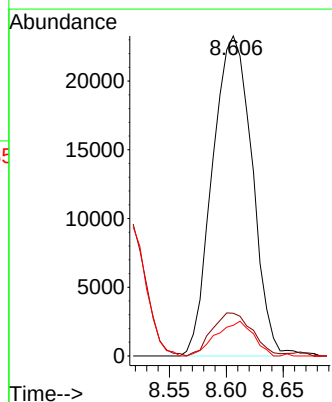
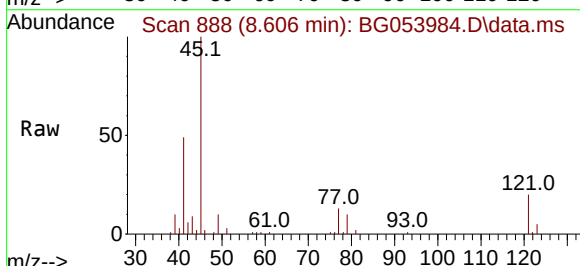
Tgt Ion: 45 Resp: 56222

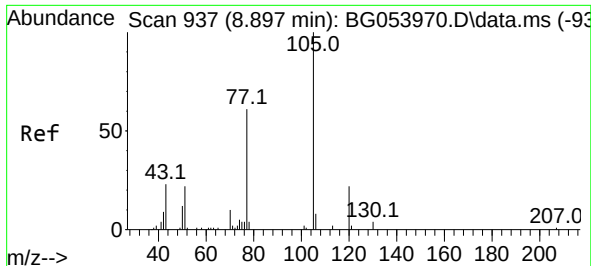
Ion Ratio Lower Upper

45 100

77 13.4 10.2 15.4

79 9.6 8.1 12.1

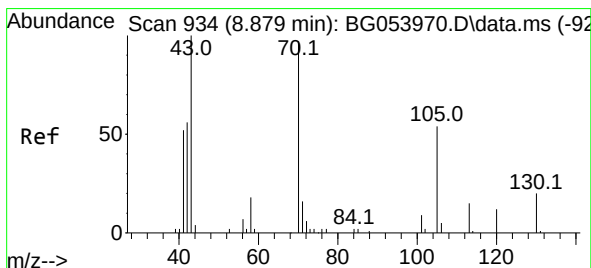
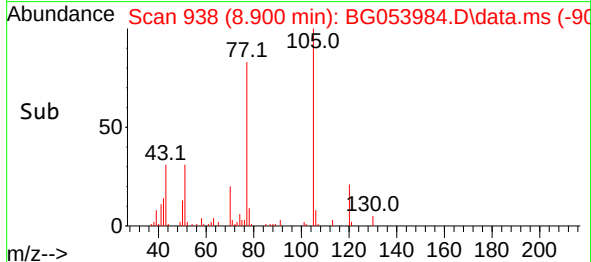
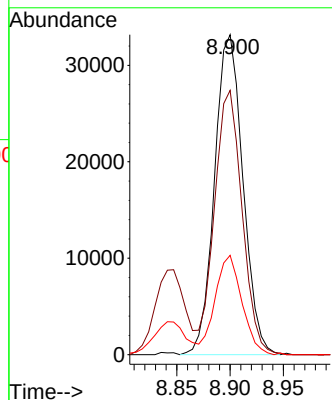
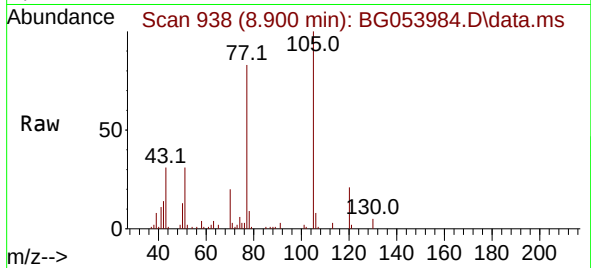




#16
Acetophenone
Concen: 30.700 ng/ul
RT: 8.900 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG053984.D
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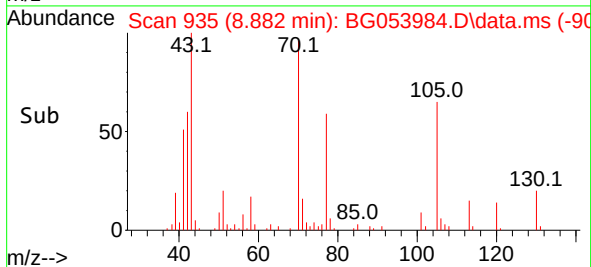
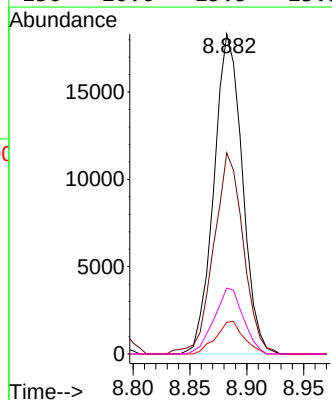
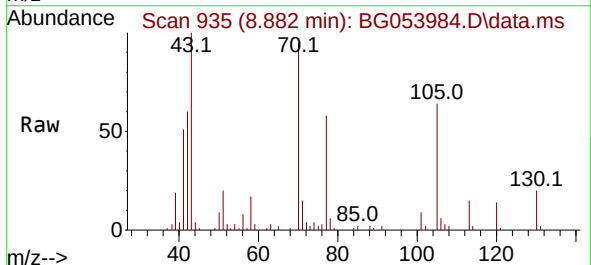
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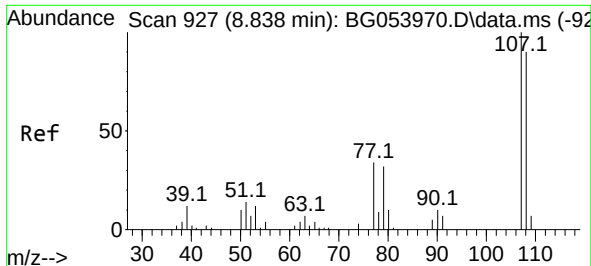
Tgt Ion:105 Resp: 61360
Ion Ratio Lower Upper
105 100
77 82.6 61.0 91.6
51 31.1 22.8 34.2



#17
N-Nitroso-di-n-propylamine
Concen: 31.236 ng/ul
RT: 8.882 min Scan# 935
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion: 70 Resp: 31825
Ion Ratio Lower Upper
70 100
42 62.9 50.2 75.4
101 9.9 7.1 10.7
130 20.6 15.5 23.3

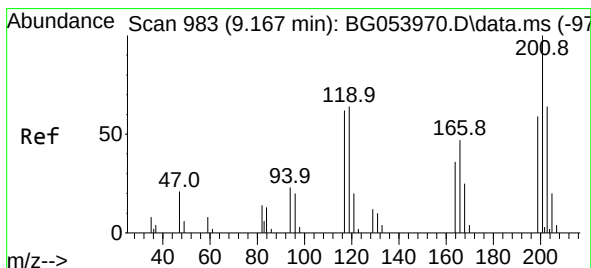
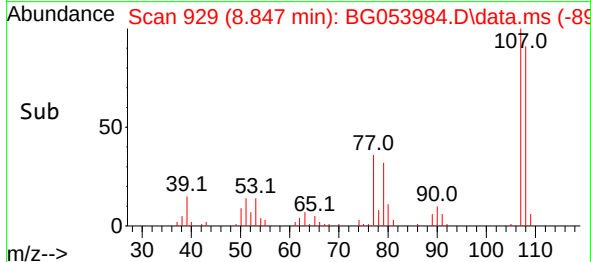
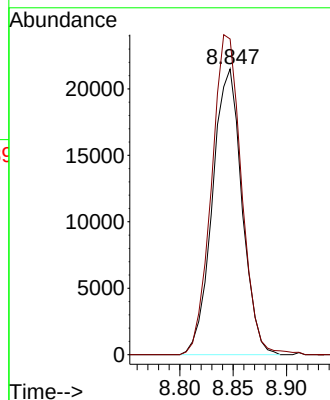
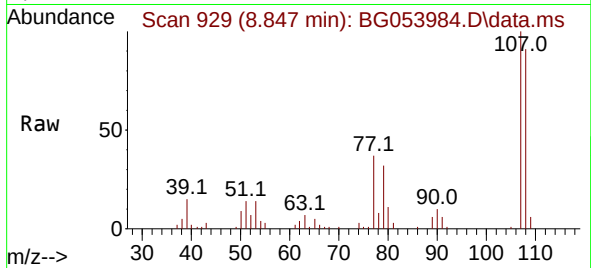




#18
4-Methylphenol
Concen: 31.547 ng/ul
RT: 8.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

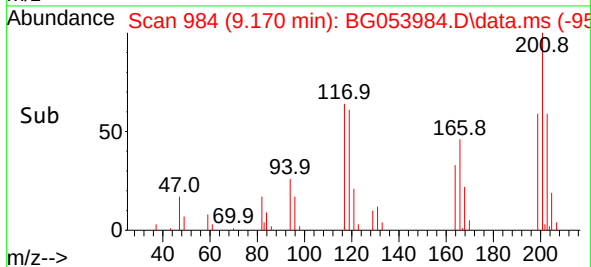
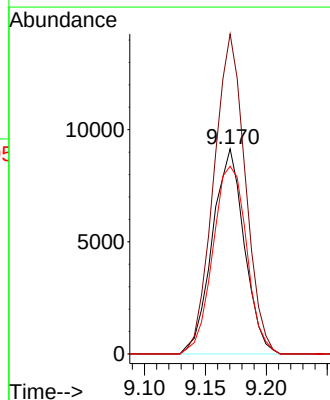
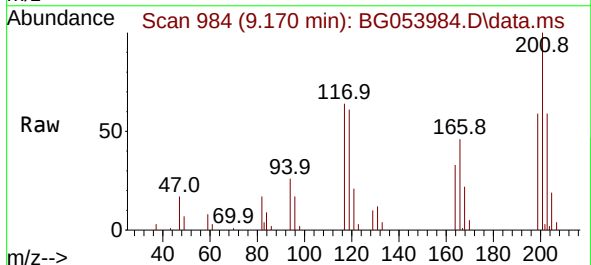
Instrument :
BNA_G
ClientSampleId :

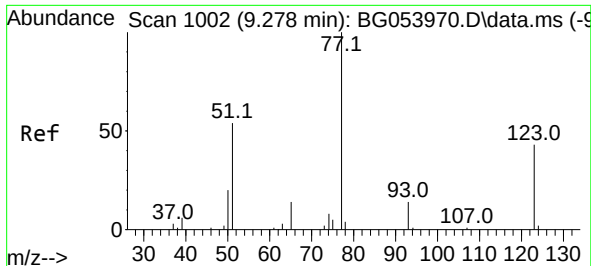
Tgt Ion:108 Resp: 41431
Ion Ratio Lower Upper
108 100
107 110.5 90.7 136.1



#19
Hexachloroethane
Concen: 32.010 ng/ul
RT: 9.170 min Scan# 984
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:117 Resp: 16739
Ion Ratio Lower Upper
117 100
201 156.0 117.4 176.0
199 91.5 64.0 96.0

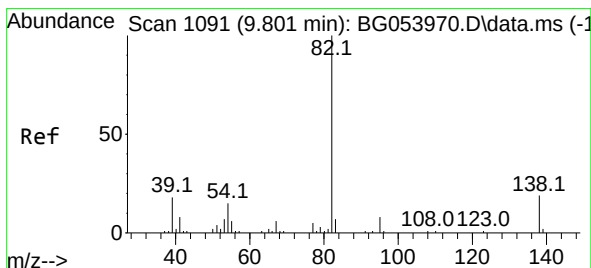
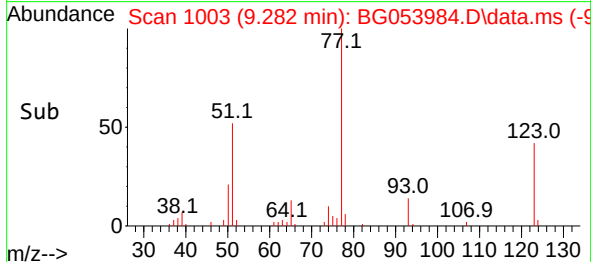
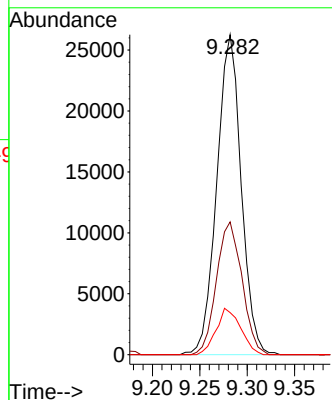
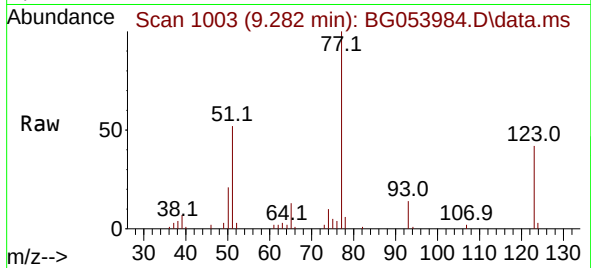




#22
Nitrobenzene
Concen: 31.816 ng/ul
RT: 9.282 min Scan# 1003
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

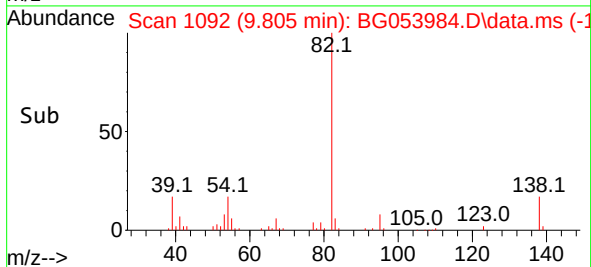
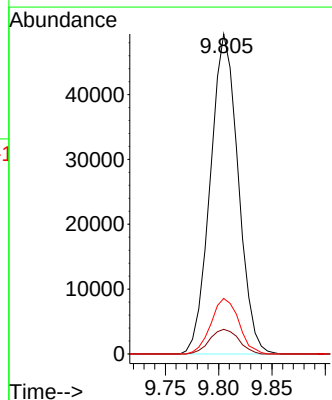
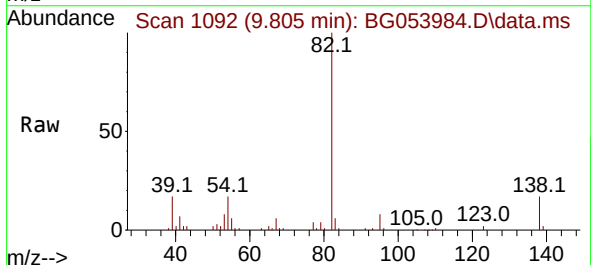
Instrument :
BNA_G
ClientSampleId :

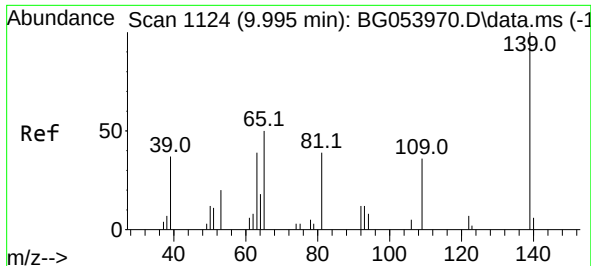
Tgt Ion: 77 Resp: 47067
Ion Ratio Lower Upper
77 100
123 41.5 31.2 46.8
65 13.2 10.5 15.7



#23
Isophorone
Concen: 31.274 ng/ul
RT: 9.805 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion: 82 Resp: 89700
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 17.4 13.6 20.4





#25

2-Nitrophenol

Concen: 33.589 ng/ul

RT: 9.993 min Scan# 1124

Delta R.T. -0.006 min

Lab File: BG053984.D

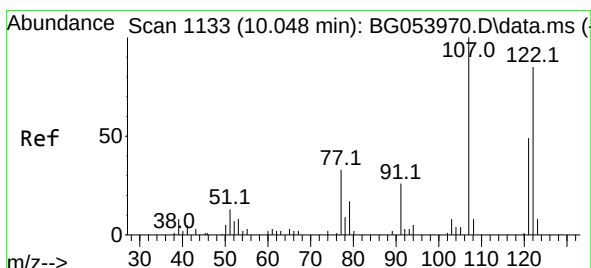
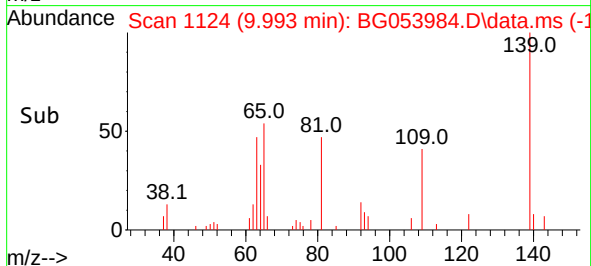
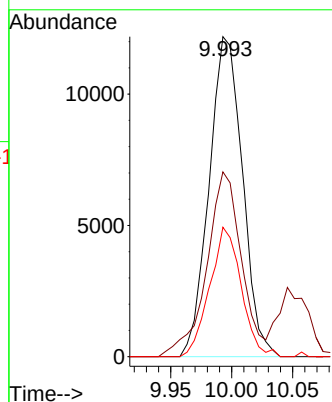
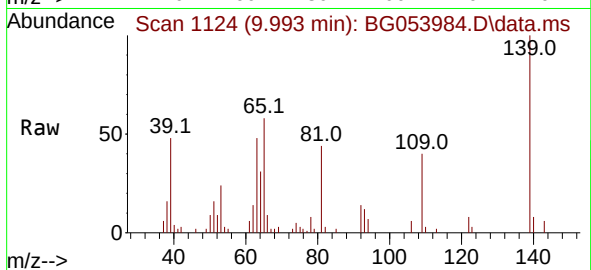
Acq: 21 Jun 2022 18:42

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:139	Resp:	23242
Ion Ratio	Lower	Upper
139	100	
65	57.7	47.7 71.5
109	40.4	27.1 40.7



#26

2,4-Dimethylphenol

Concen: 29.691 ng/ul

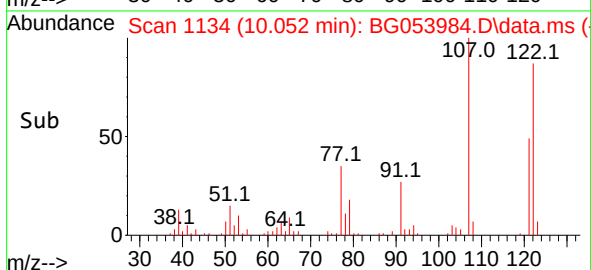
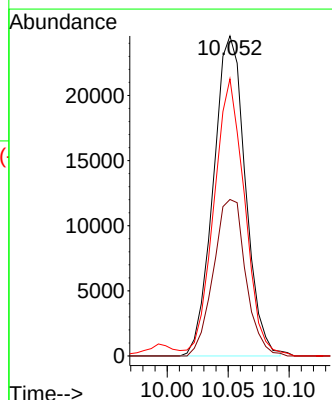
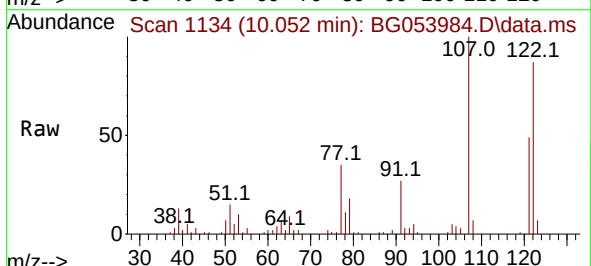
RT: 10.052 min Scan# 1134

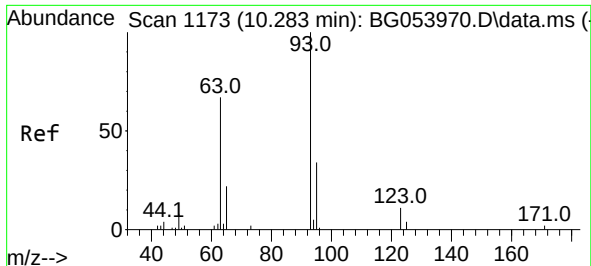
Delta R.T. 0.000 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Tgt Ion:107	Resp:	44863
Ion Ratio	Lower	Upper
107	100	
121	48.9	39.9 59.9
122	86.6	66.7 100.1





#27

Bis(2-Chloroethoxy)methane

Concen: 31.870 ng/ul

RT: 10.287 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Instrument :

BNA_G

ClientSampleId :

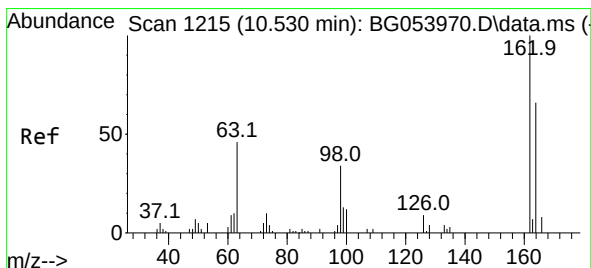
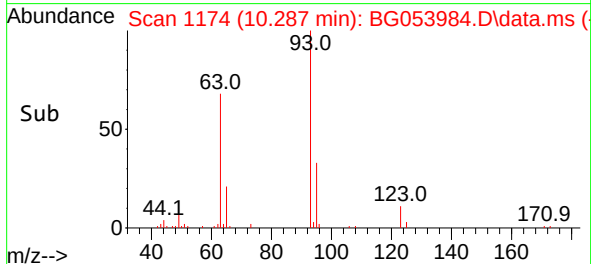
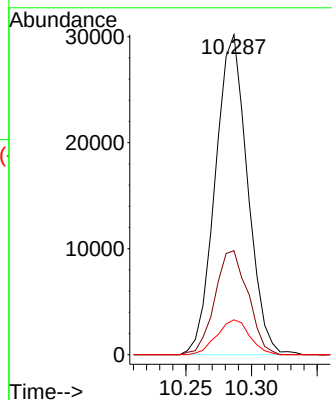
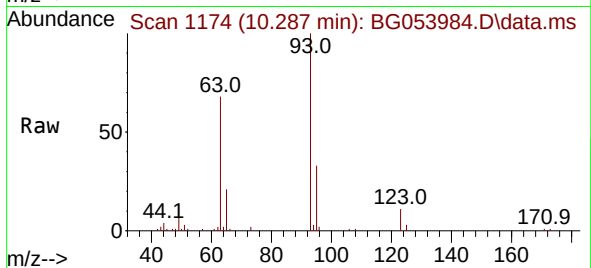
Tgt Ion: 93 Resp: 51460

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

123 10.9 8.8 13.2



#29

2,4-Dichlorophenol

Concen: 32.445 ng/ul

RT: 10.533 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

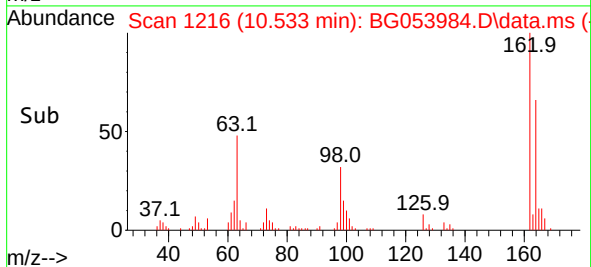
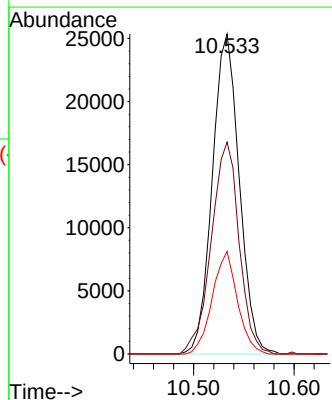
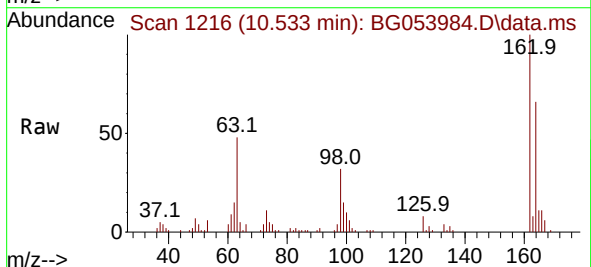
Tgt Ion:162 Resp: 47371

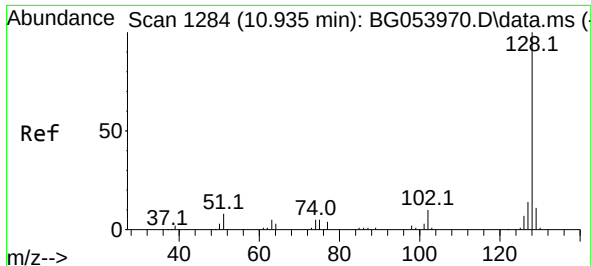
Ion Ratio Lower Upper

162 100

164 66.2 50.9 76.3

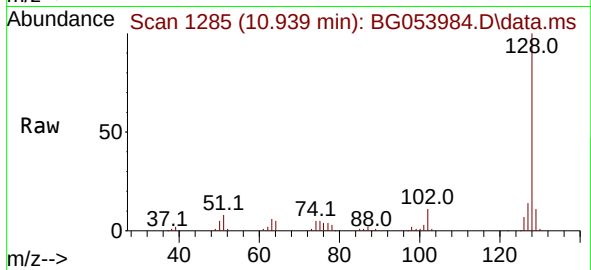
98 32.1 28.5 42.7



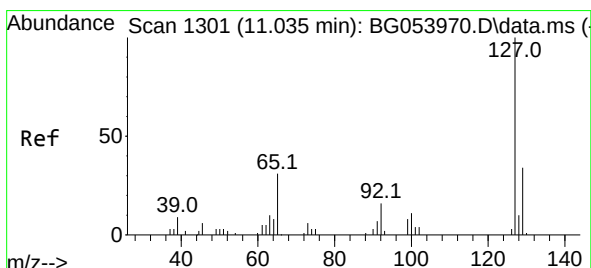
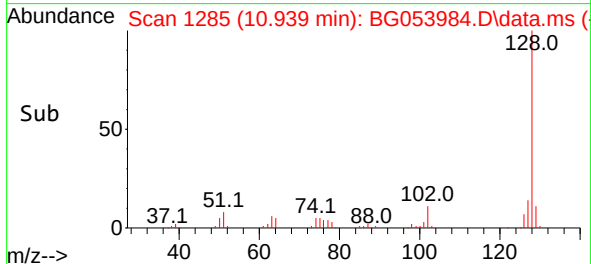
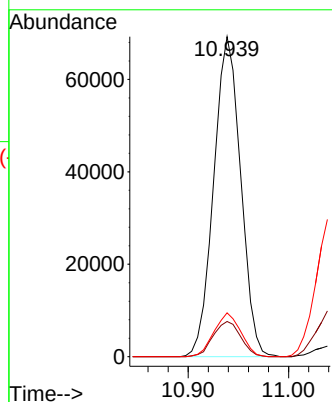


#30
Naphthalene
Concen: 31.124 ng/ul
RT: 10.939 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Instrument :
BNA_G
ClientSampleId :

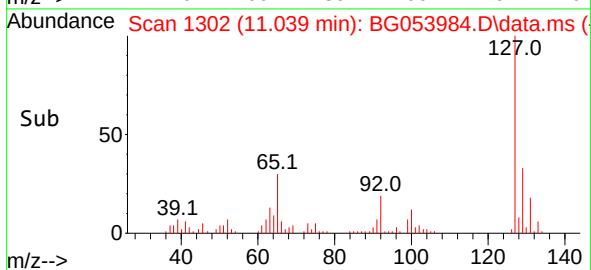
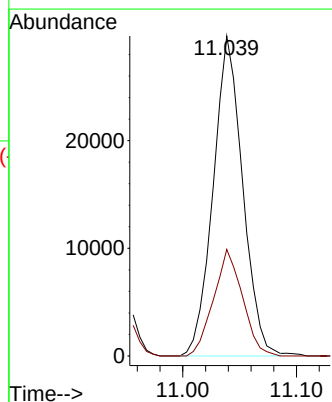
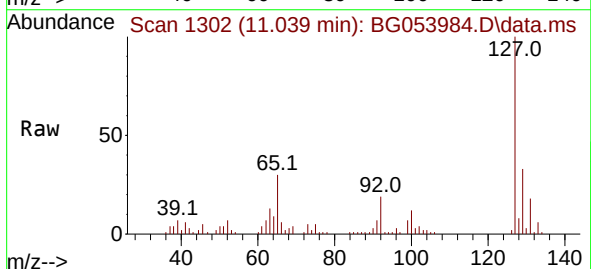


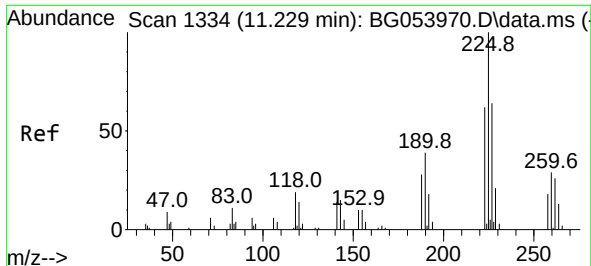
Tgt Ion:128 Resp: 129186
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.7 11.1 16.7



#32
4-Chloroaniline
Concen: 29.203 ng/ul
RT: 11.039 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:127 Resp: 53414
Ion Ratio Lower Upper
127 100
129 33.3 25.4 38.2

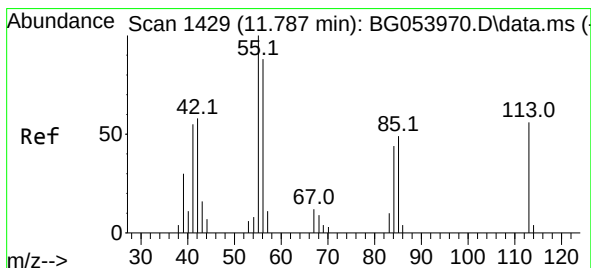
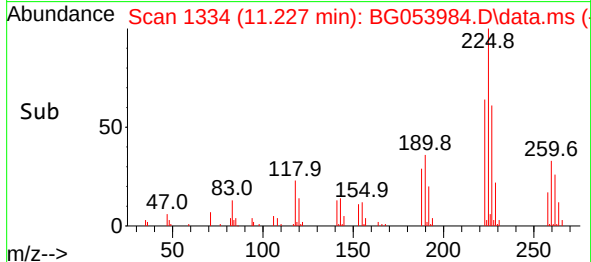
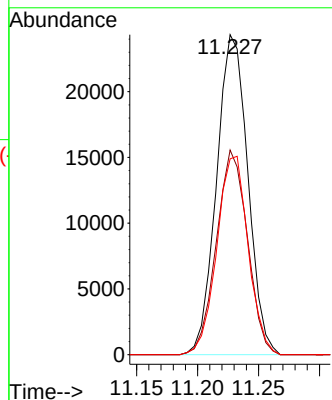
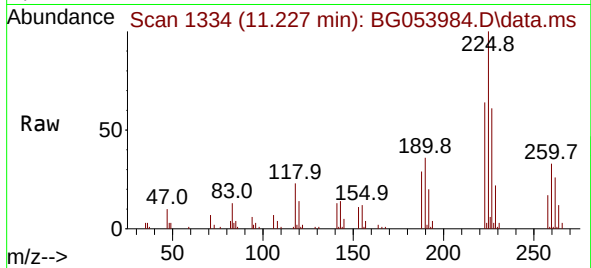




#33
Hexachlorobutadiene
Concen: 30.510 ng/ul
RT: 11.227 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

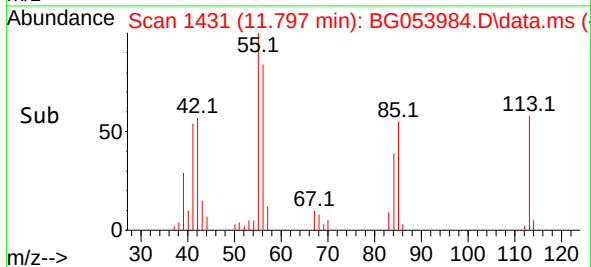
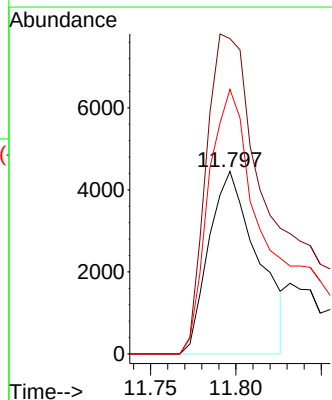
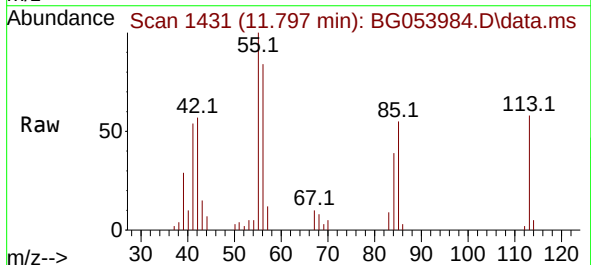
Instrument :
BNA_G
ClientSampleId :

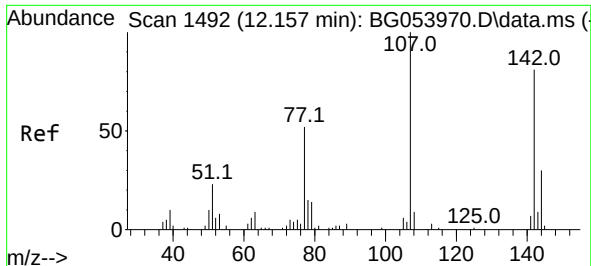
Tgt Ion:225 Resp: 43510
Ion Ratio Lower Upper
225 100
223 64.0 50.2 75.2
227 63.9 51.8 77.6



#34
Caprolactam
Concen: 20.285 ng/ul
RT: 11.797 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:113 Resp: 8838
Ion Ratio Lower Upper
113 100
55 172.8 167.8 251.6
56 145.0 127.6 191.4





#35

4-Chloro-3-methylphenol

Concen: 33.078 ng/ul

RT: 12.155 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BG053984.D

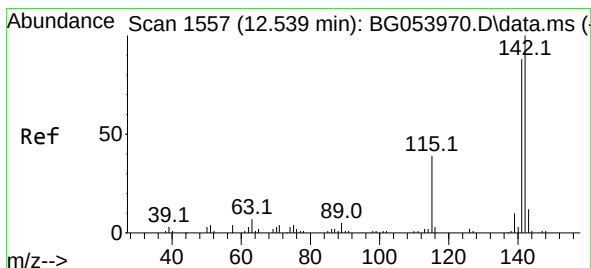
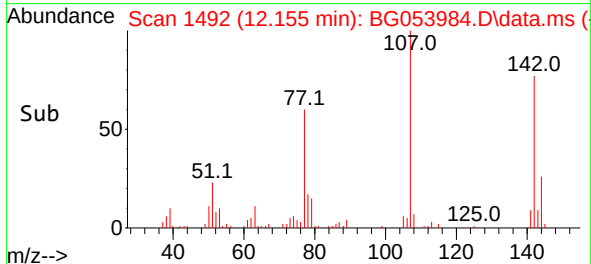
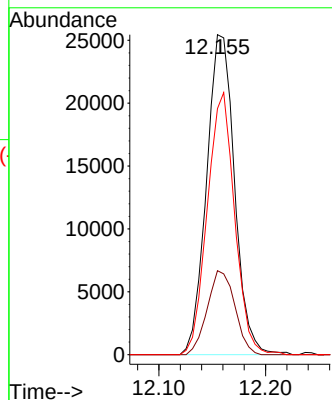
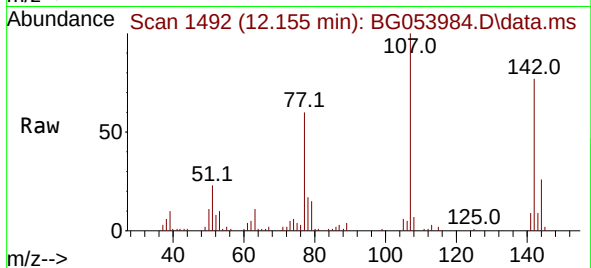
Acq: 21 Jun 2022 18:42

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	107	Resp:	46444
Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.3	31.9
142	76.9	65.0	97.4



#36

2-Methylnaphthalene

Concen: 30.748 ng/ul

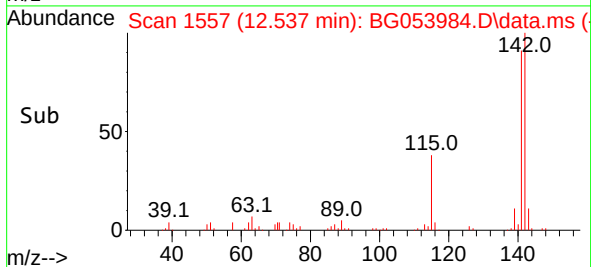
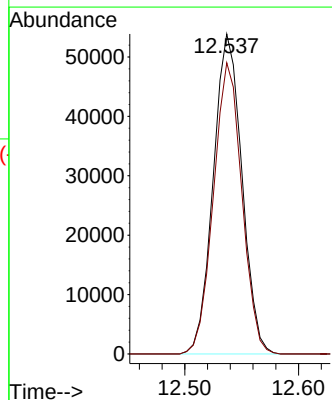
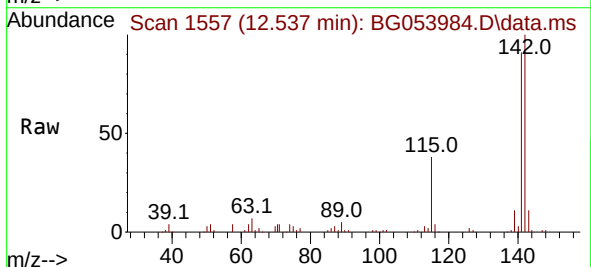
RT: 12.537 min Scan# 1557

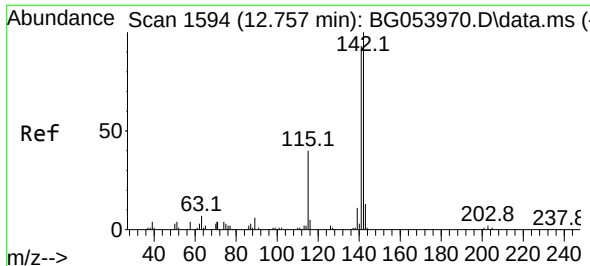
Delta R.T. 0.000 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Tgt Ion:	142	Resp:	94413
Ion	Ratio	Lower	Upper
142	100		
141	91.0	76.3	114.5





#37

1-Methylnaphthalene

Concen: 30.971 ng/ul

RT: 12.754 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Instrument :

BNA_G

ClientSampleId :

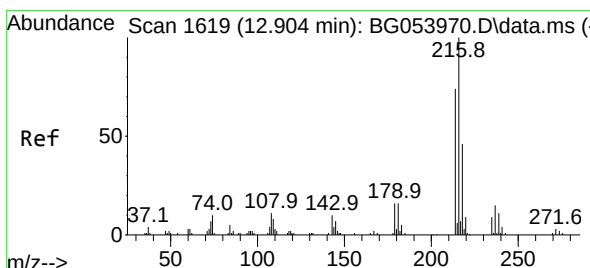
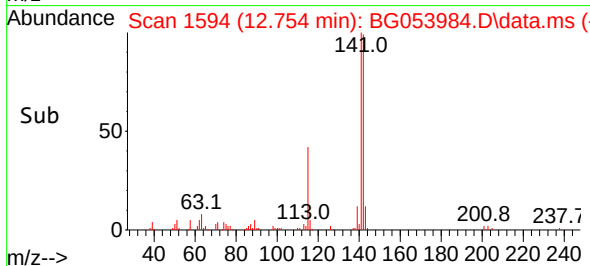
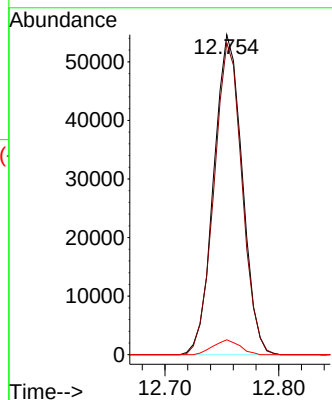
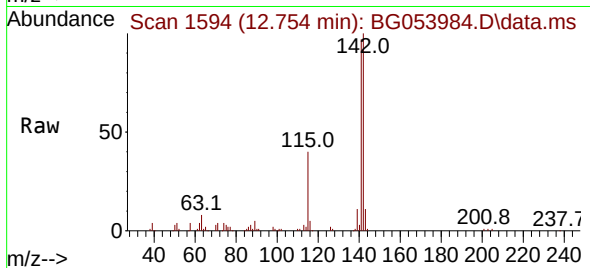
Tgt Ion:142 Resp: 94839

Ion Ratio Lower Upper

142 100

141 97.5 73.4 110.2

116 4.7 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.988 ng/ul

RT: 12.907 min Scan# 1620

Delta R.T. 0.000 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Tgt Ion:216 Resp: 80749

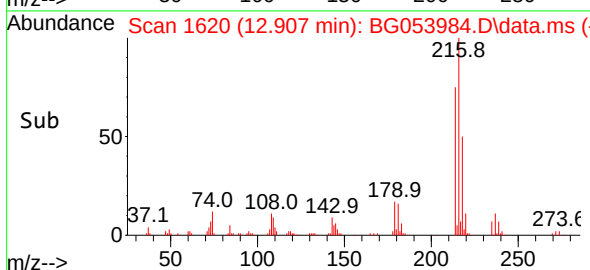
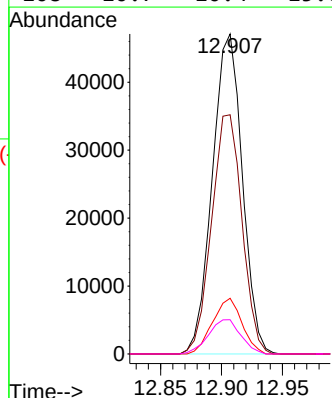
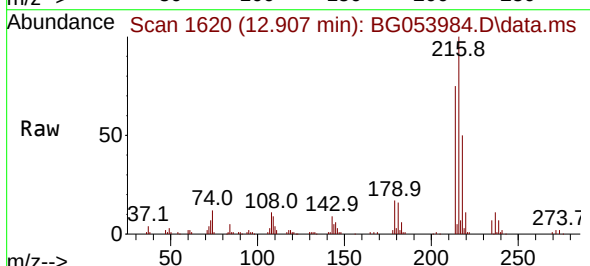
Ion Ratio Lower Upper

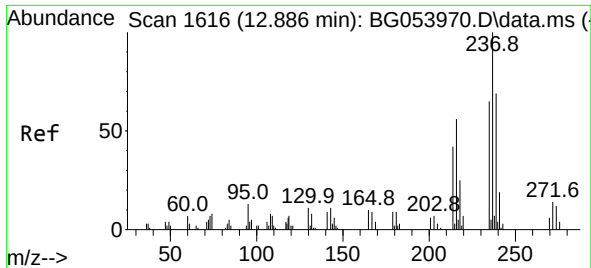
216 100

214 74.7 58.1 87.1

179 17.4 14.8 22.2

108 10.7 10.4 15.6

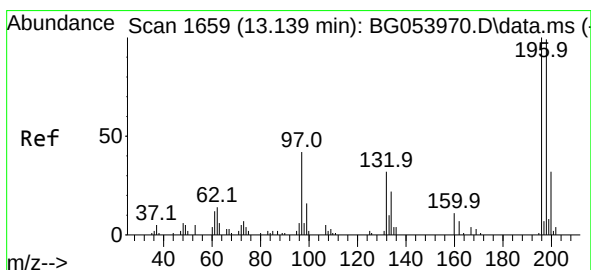
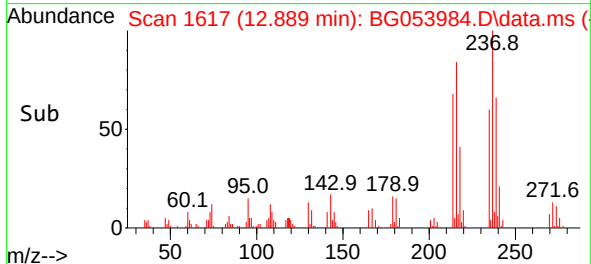
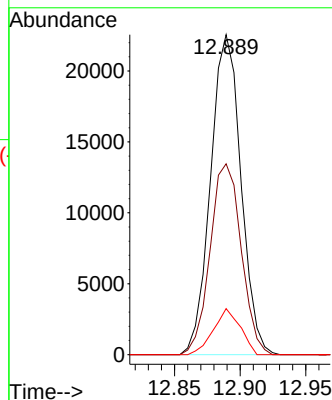
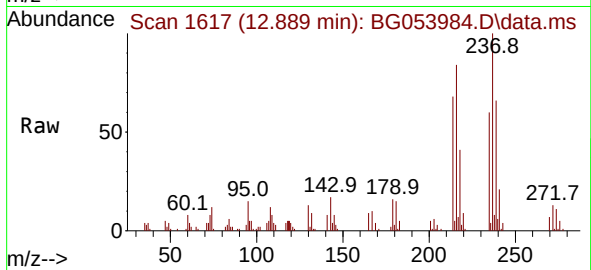




#40
Hexachlorocyclopentadiene
Concen: 24.862 ng/ul
RT: 12.889 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

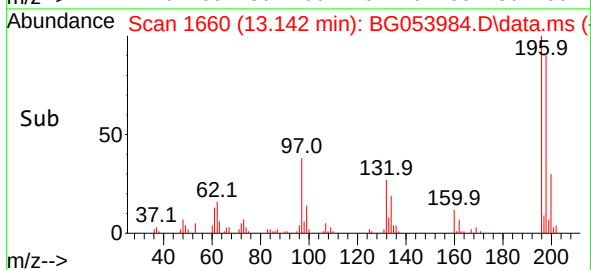
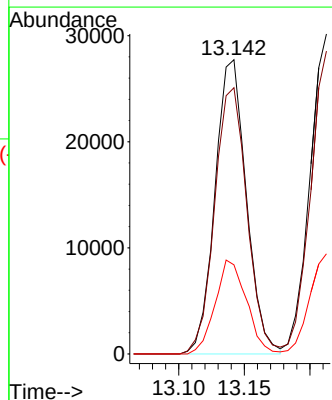
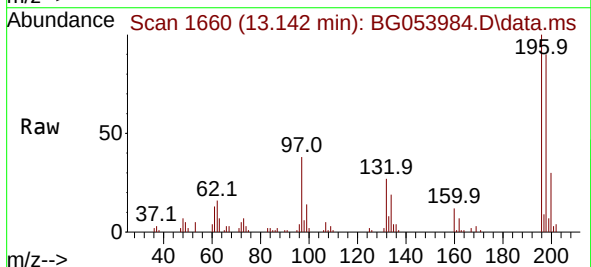
Instrument :
BNA_G
ClientSampleId :

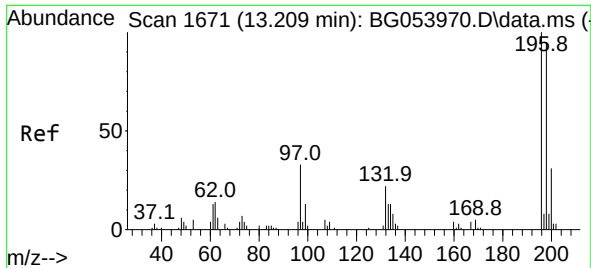
Tgt Ion:237 Resp: 36334
Ion Ratio Lower Upper
237 100
235 64.1 47.0 70.6
272 14.4 8.6 12.8#



#41
2,4,6-Trichlorophenol
Concen: 34.053 ng/ul
RT: 13.142 min Scan# 1660
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:196 Resp: 46055
Ion Ratio Lower Upper
196 100
198 90.5 81.9 122.9
200 30.3 25.7 38.5

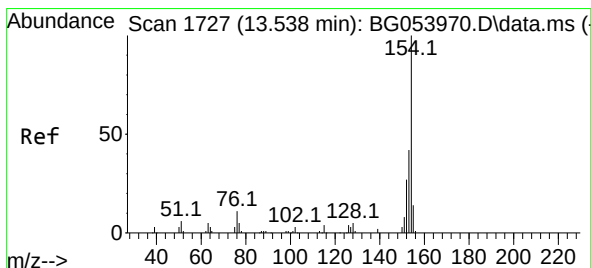
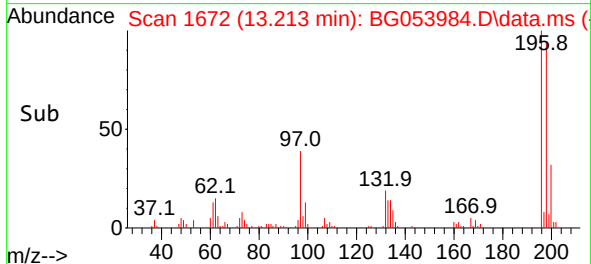
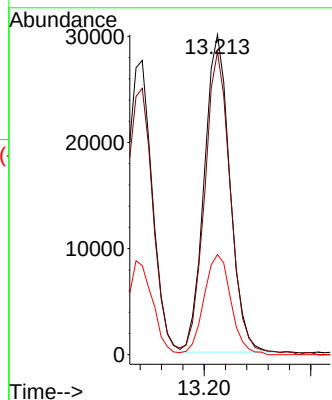
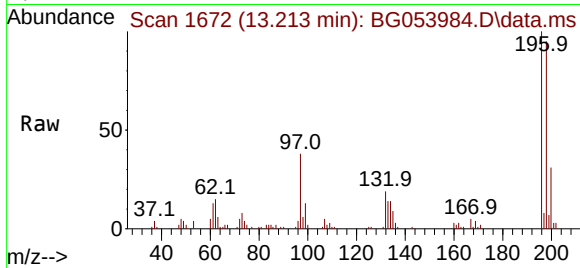




#42
2,4,5-Trichlorophenol
Concen: 32.651 ng/ul
RT: 13.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

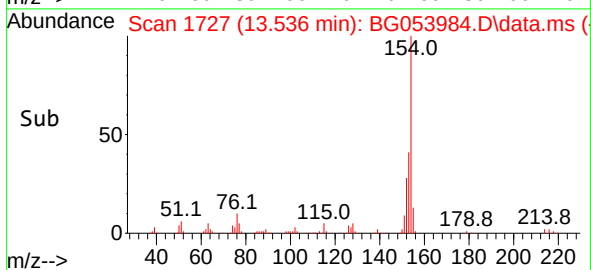
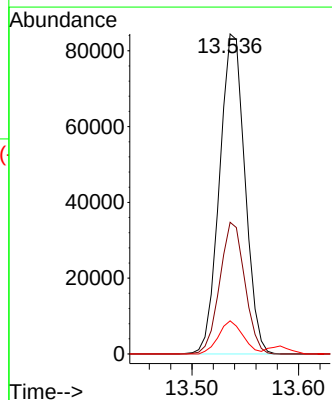
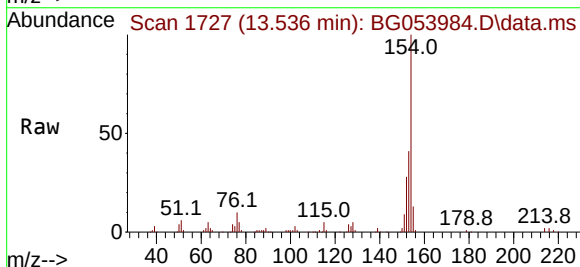
Instrument :
BNA_G
ClientSampleId :

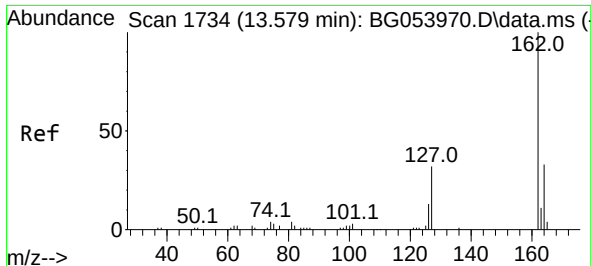
Tgt Ion:196 Resp: 49923
Ion Ratio Lower Upper
196 100
198 94.6 76.3 114.5
200 31.3 25.5 38.3



#43
1,1'-Biphenyl
Concen: 31.394 ng/ul
RT: 13.536 min Scan# 1727
Delta R.T. -0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

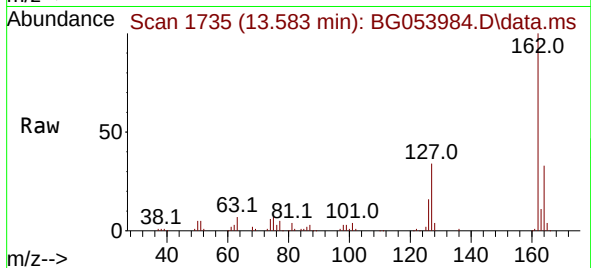
Tgt Ion:154 Resp: 139496
Ion Ratio Lower Upper
154 100
153 41.2 32.7 49.1
76 10.3 9.0 13.6



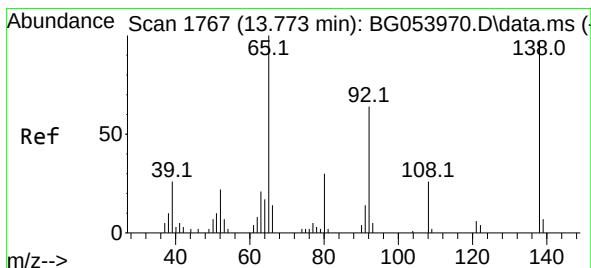
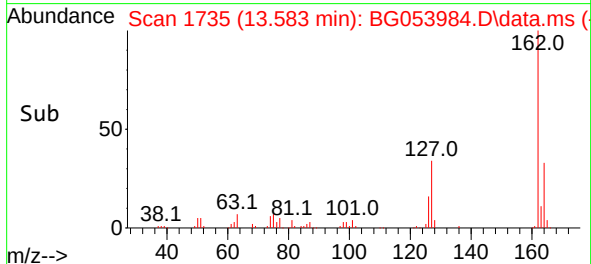
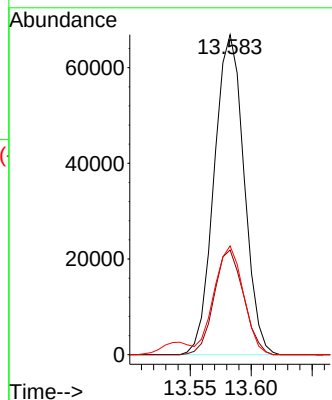


#44
2-Chloronaphthalene
Concen: 30.937 ng/ul
RT: 13.583 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Instrument :
BNA_G
ClientSampleId :

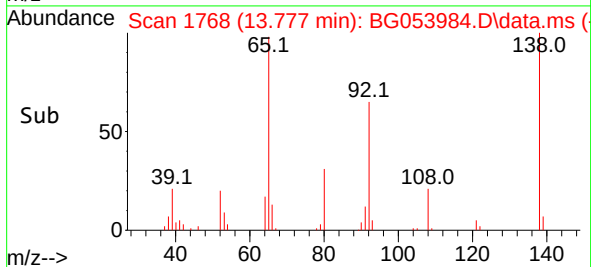
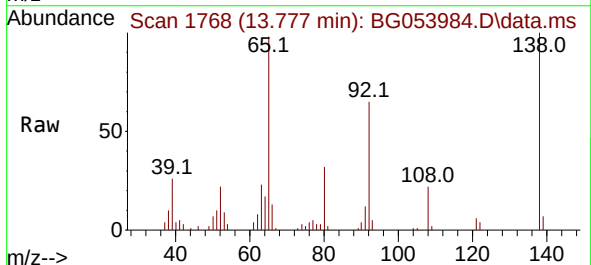
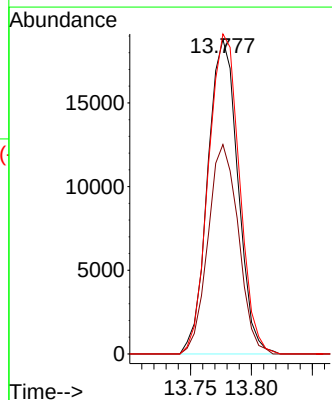


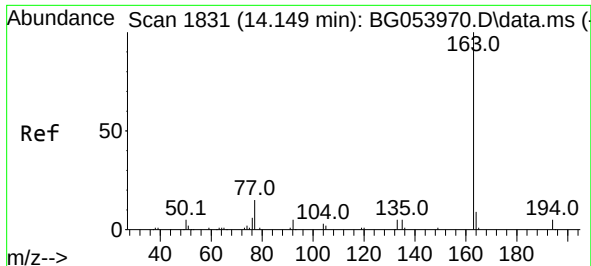
Tgt Ion:162 Resp: 114156
Ion Ratio Lower Upper
162 100
164 32.7 25.7 38.5
127 34.0 28.3 42.5



#45
2-Nitroaniline
Concen: 34.877 ng/ul
RT: 13.777 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion: 65 Resp: 32377
Ion Ratio Lower Upper
65 100
92 66.6 52.2 78.4
138 101.7 79.0 118.4

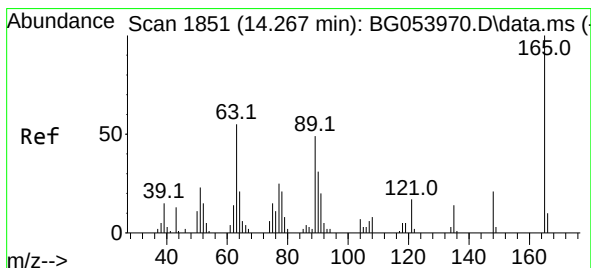
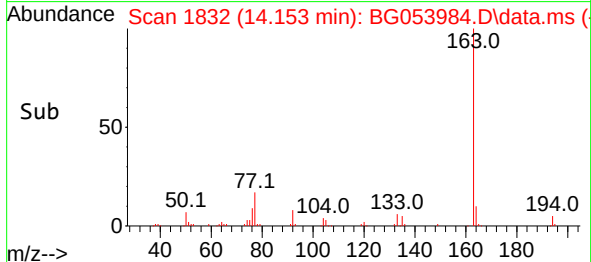
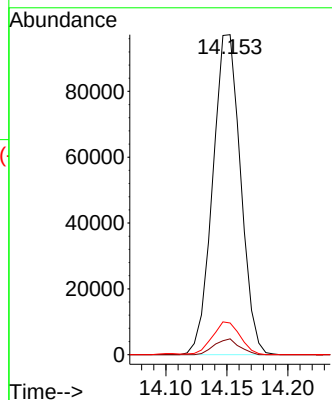
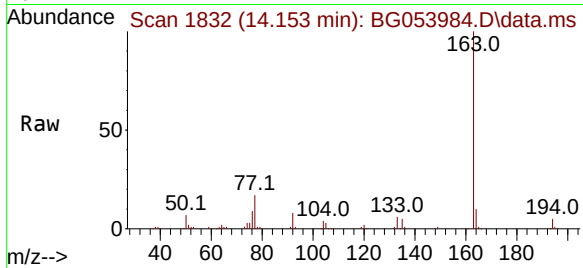




#47
Dimethylphthalate
Concen: 31.889 ng/ul
RT: 14.153 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

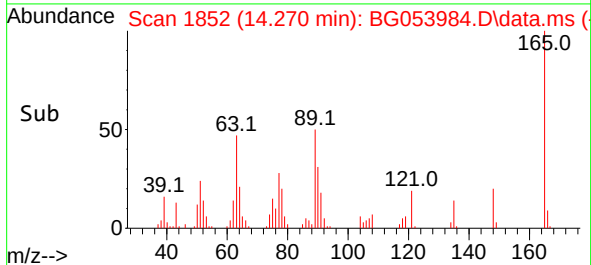
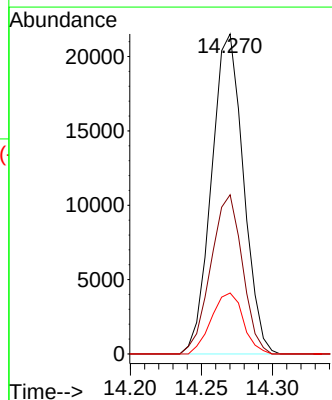
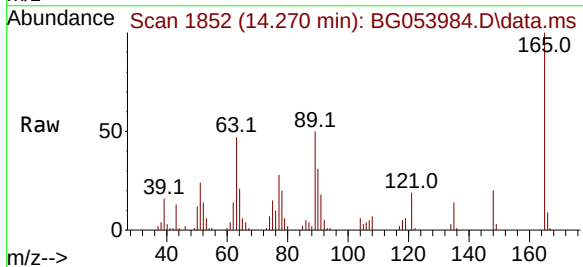
Instrument :
BNA_G
ClientSampleId :

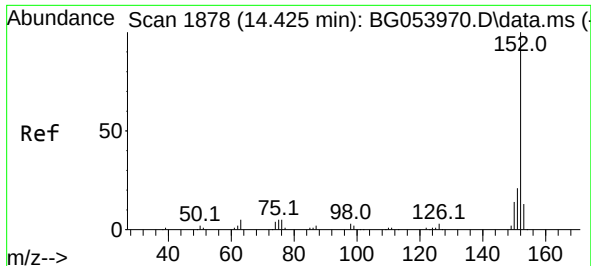
Tgt Ion:163 Resp: 154579
Ion Ratio Lower Upper
163 100
194 4.9 3.7 5.5
164 9.9 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 34.453 ng/ul
RT: 14.270 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:165 Resp: 33588
Ion Ratio Lower Upper
165 100
89 49.8 44.7 67.1
121 19.0 16.9 25.3

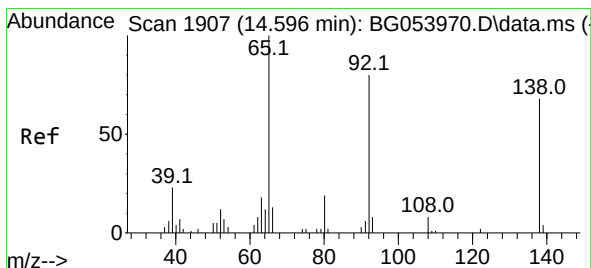
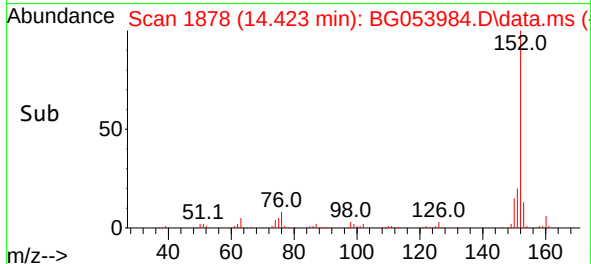
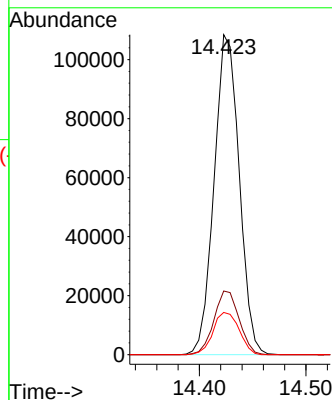
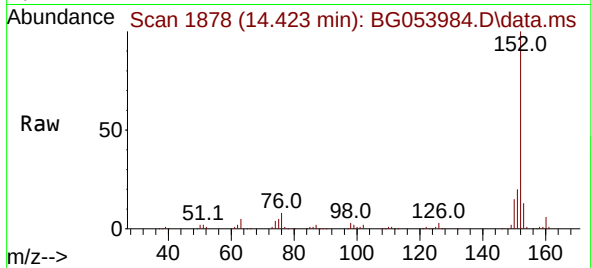




#50
Acenaphthylene
Concen: 31.462 ng/ul
RT: 14.423 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

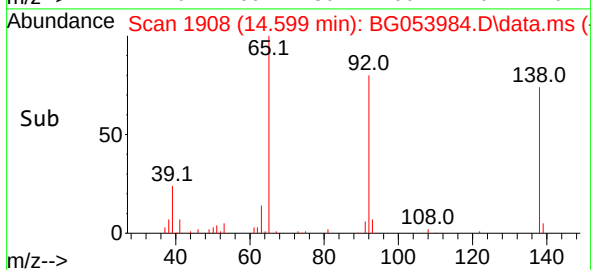
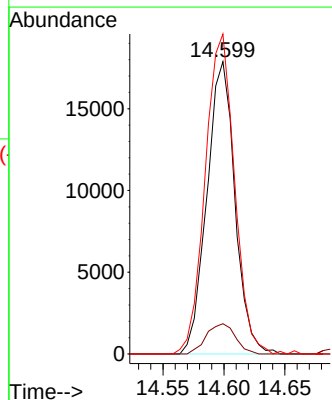
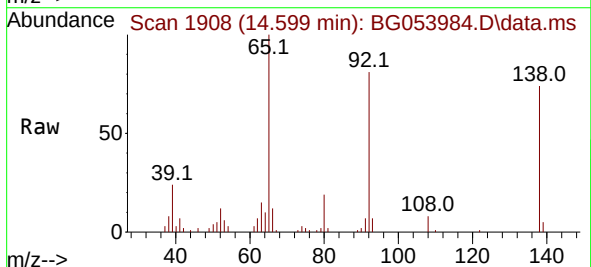
Instrument :
BNA_G
ClientSampleId :

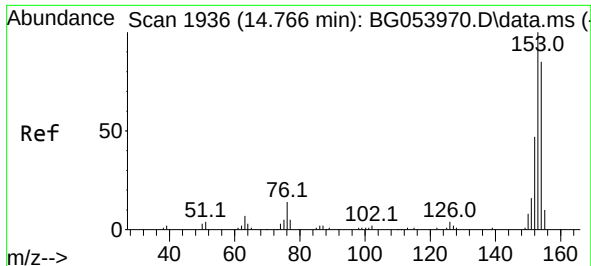
Tgt Ion:152 Resp: 177165
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 36.171 ng/ul
RT: 14.599 min Scan# 1908
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

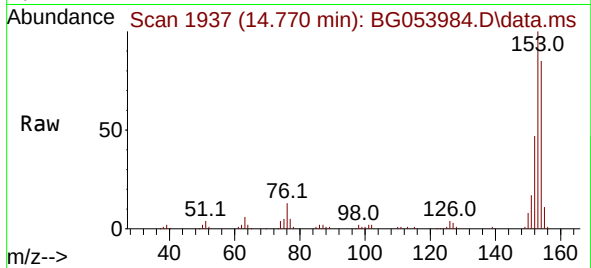
Tgt Ion:138 Resp: 28626
Ion Ratio Lower Upper
138 100
108 10.3 17.8 26.6#
92 109.5 94.2 141.4



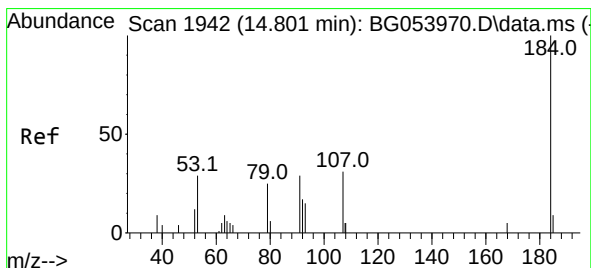
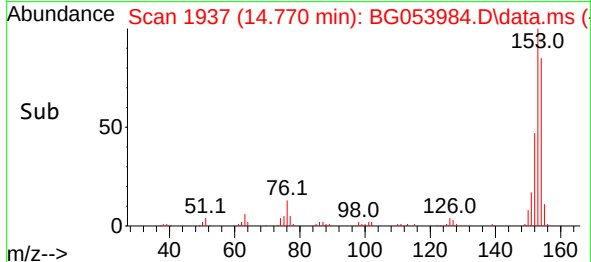
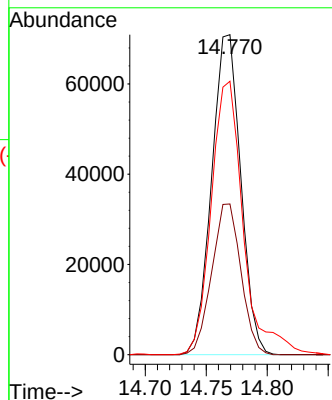


#52
Acenaphthene
Concen: 31.332 ng/ul
RT: 14.770 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Instrument :
BNA_G
ClientSampleId :

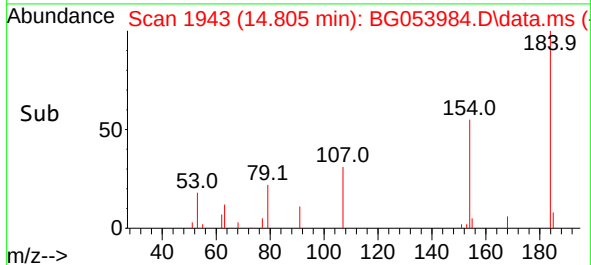
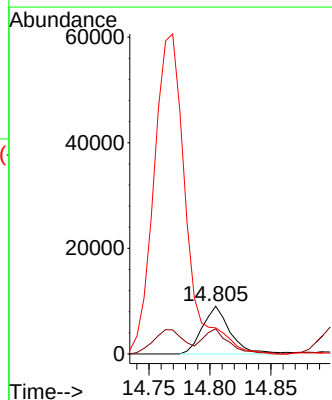
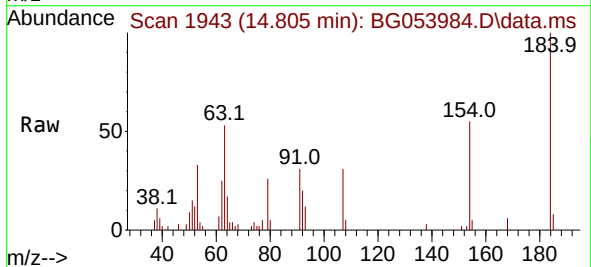


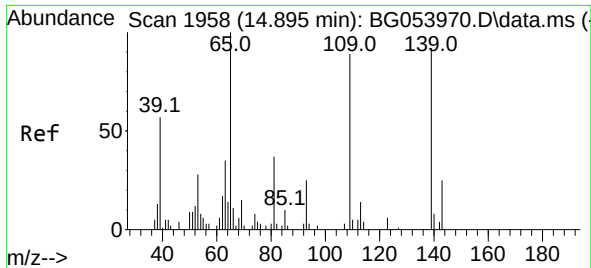
Tgt Ion:153 Resp: 117820
Ion Ratio Lower Upper
153 100
152 47.1 37.5 56.3
154 85.4 68.8 103.2



#53
2,4-Dinitrophenol
Concen: 31.492 ng/ul
RT: 14.805 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:184 Resp: 14223
Ion Ratio Lower Upper
184 100
63 52.9 34.7 52.1#
154 54.6 87.3 130.9#

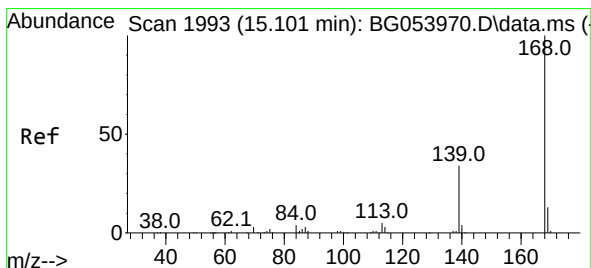
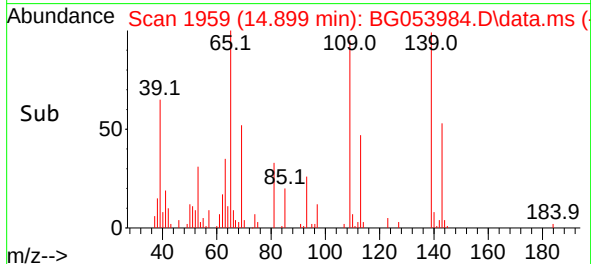
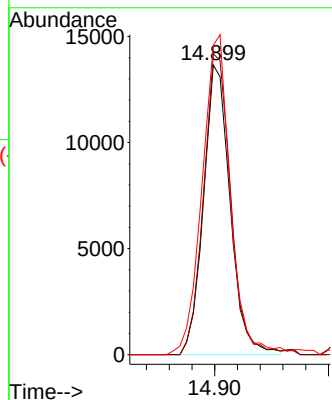
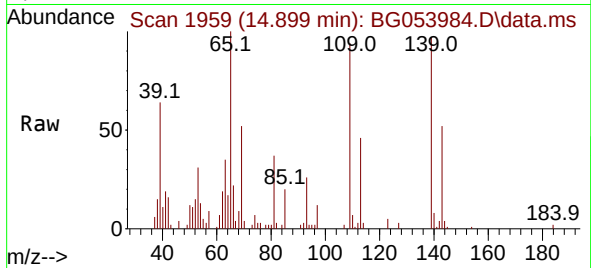




#55
4-Nitrophenol
Concen: 32.855 ng/ul
RT: 14.899 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

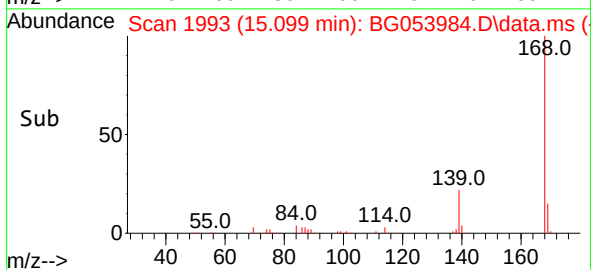
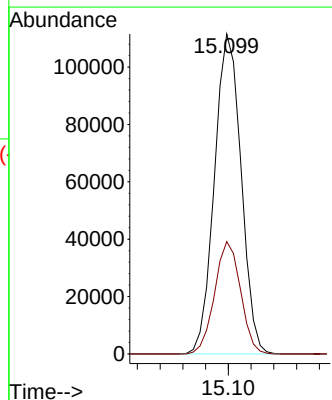
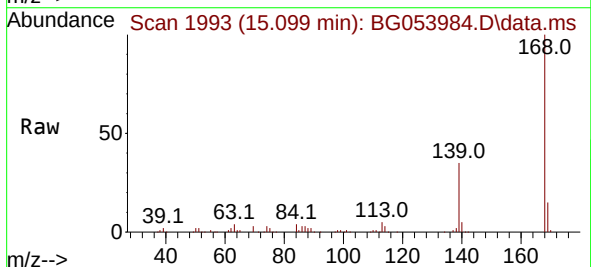
Instrument :
BNA_G
ClientSampleId :

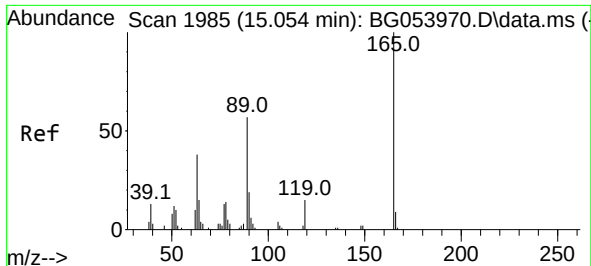
Tgt Ion	Ratio	Lower	Upper
109	100		
139	103.9	92.9	139.3
65	106.8	97.8	146.6



#56
Dibenzofuran
Concen: 31.515 ng/ul
RT: 15.099 min Scan# 1993
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.1	28.2	42.2

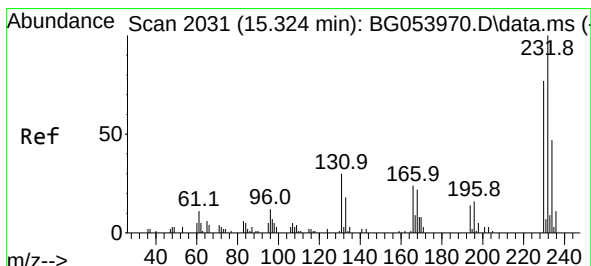
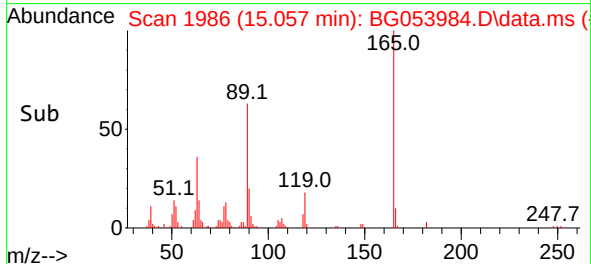
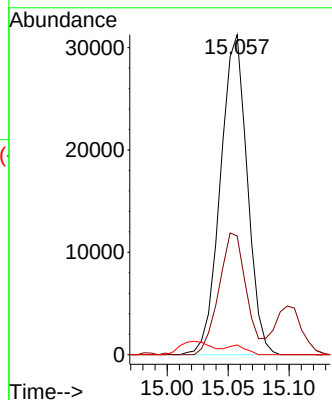
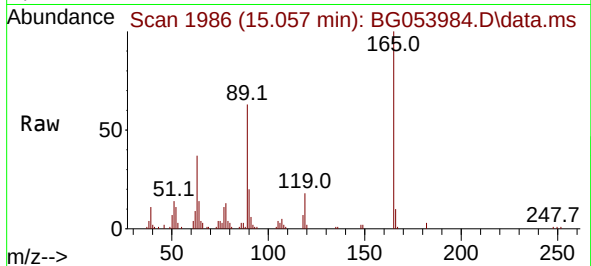




#57
2,4-Dinitrotoluene
Concen: 33.965 ng/ul
RT: 15.057 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

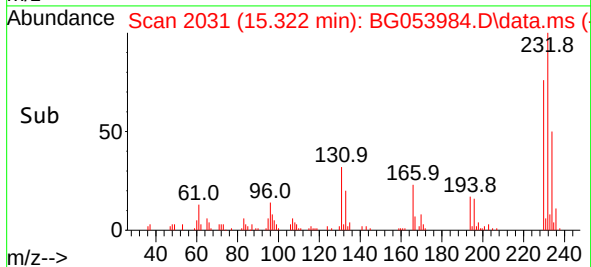
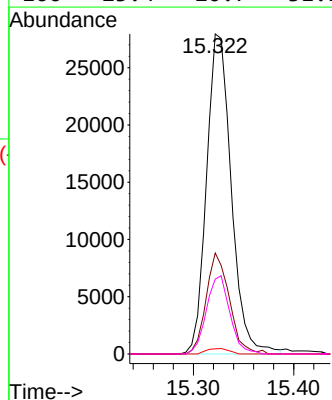
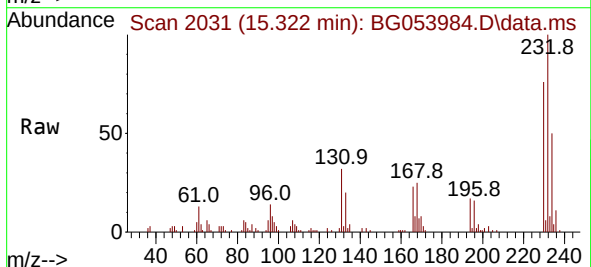
Instrument :
BNA_G
ClientSampleId :

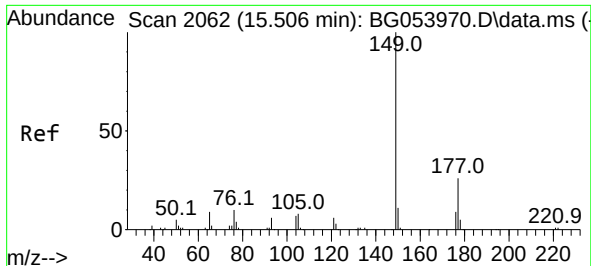
Tgt Ion:165 Resp: 48033
Ion Ratio Lower Upper
165 100
63 37.1 33.0 49.4
182 3.0 2.8 4.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 36.113 ng/ul
RT: 15.322 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

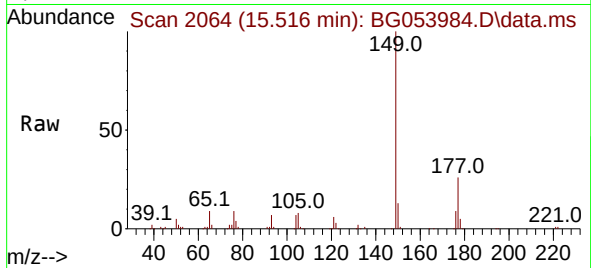
Tgt Ion:232 Resp: 47979
Ion Ratio Lower Upper
232 100
131 31.6 27.5 41.3
130 1.6 1.8 2.8#
166 23.4 20.7 31.1



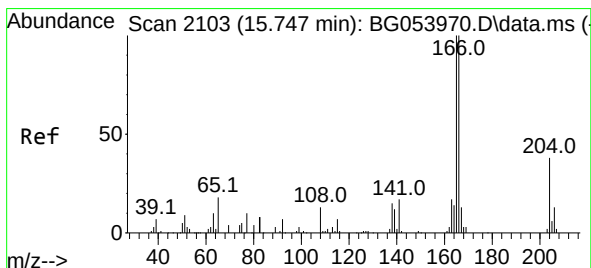
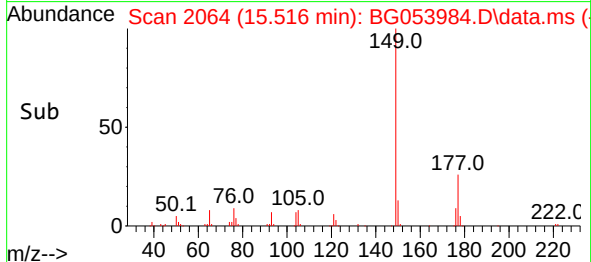
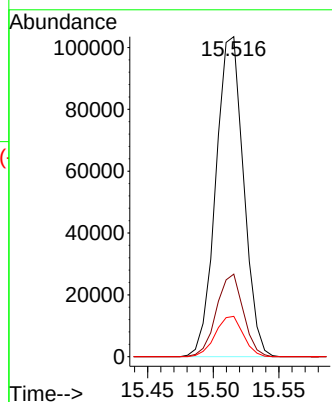


#59
Diethylphthalate
Concen: 32.038 ng/ul
RT: 15.516 min Scan# 2064
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Instrument :
BNA_G
ClientSampleId :

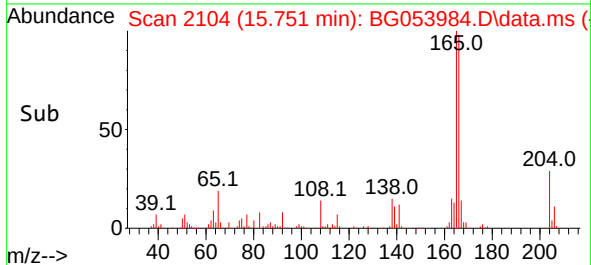
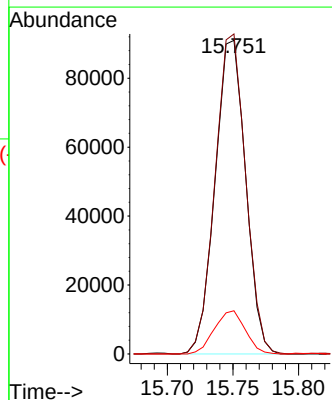
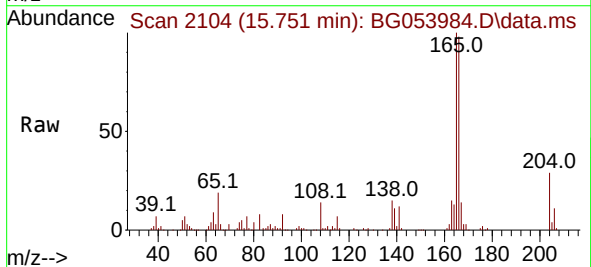


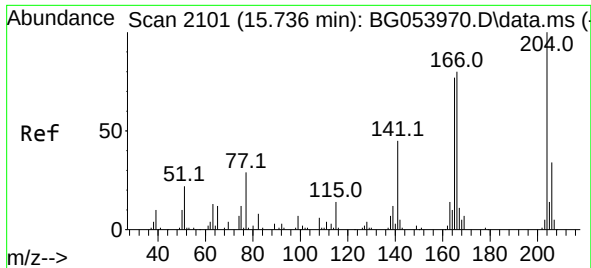
Tgt Ion:149 Resp: 152274
Ion Ratio Lower Upper
149 100
177 25.8 18.9 28.3
150 12.6 10.6 15.8



#61
Fluorene
Concen: 31.460 ng/ul
RT: 15.751 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:166 Resp: 147421
Ion Ratio Lower Upper
166 100
165 102.0 81.7 122.5
167 13.8 11.0 16.4

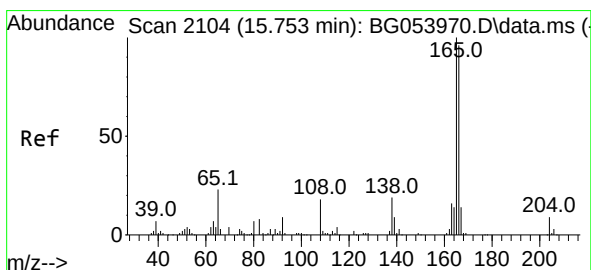
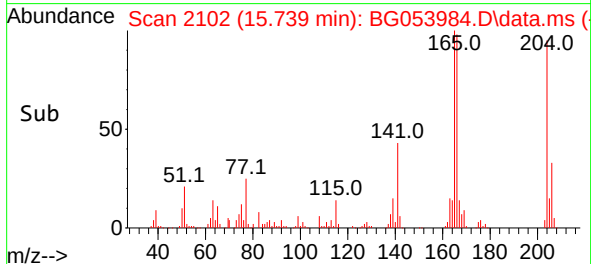
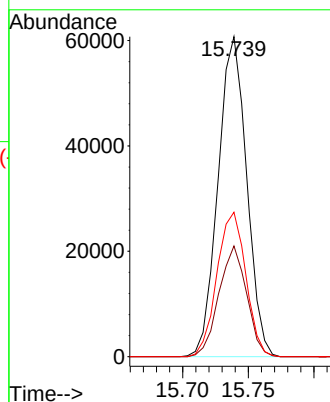
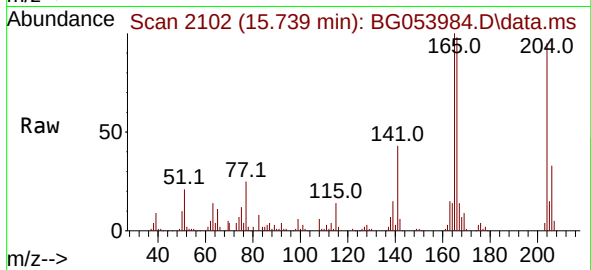




#62
 4-Chlorophenyl-phenylether
 Concen: 30.898 ng/ul
 RT: 15.739 min Scan# 2101
 Delta R.T. 0.000 min
 Lab File: BG053984.D
 Acq: 21 Jun 2022 18:42

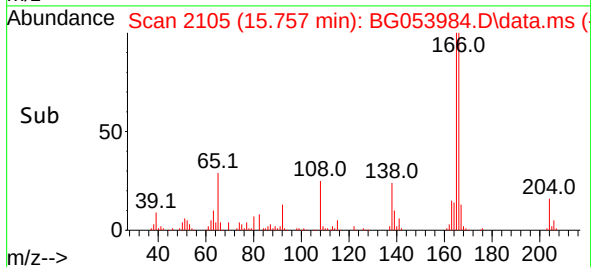
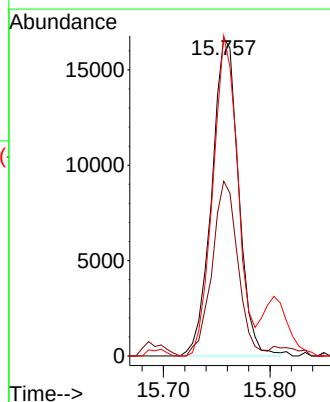
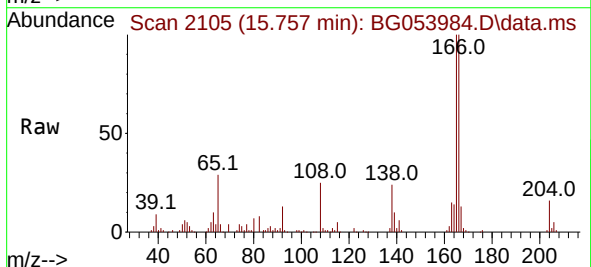
Instrument :
 BNA_G
 ClientSampleId :

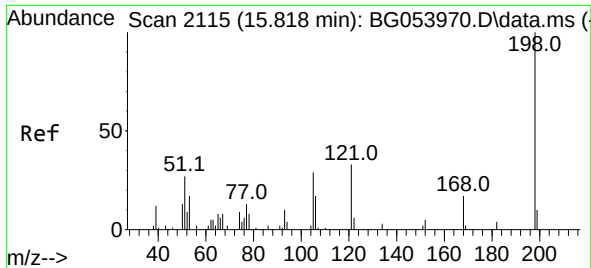
Tgt Ion:204 Resp: 92063
 Ion Ratio Lower Upper
 204 100
 206 34.6 27.1 40.7
 141 45.2 40.7 61.1



#63
 4-Nitroaniline
 Concen: 38.161 ng/ul
 RT: 15.757 min Scan# 2105
 Delta R.T. 0.006 min
 Lab File: BG053984.D
 Acq: 21 Jun 2022 18:42

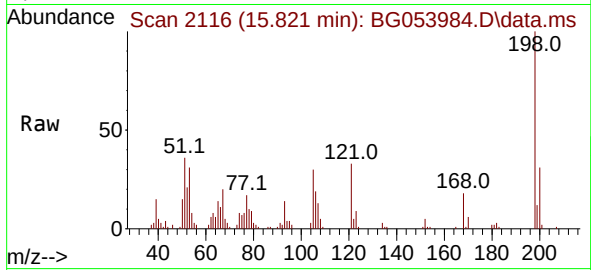
Tgt Ion:138 Resp: 29040
 Ion Ratio Lower Upper
 138 100
 92 54.9 42.0 63.0
 108 100.5 79.0 118.6



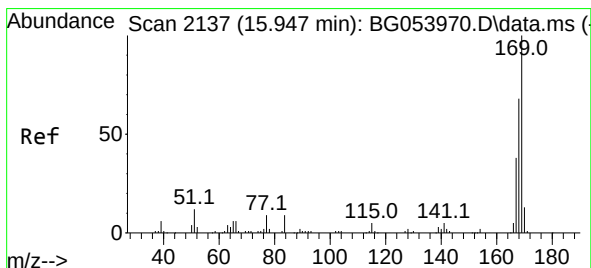
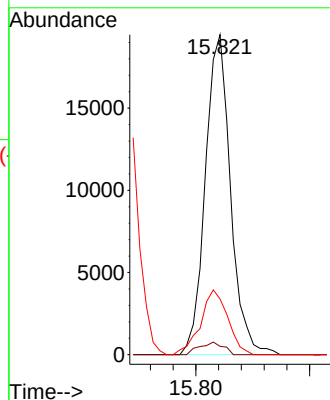
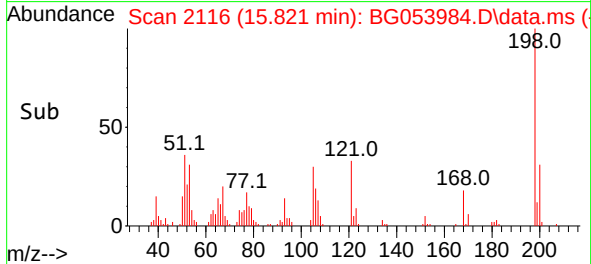


#66
 4,6-Dinitro-2-methylphenol
 Concen: 34.183 ng/ul
 RT: 15.821 min Scan# 2116
 Delta R.T. 0.000 min
 Lab File: BG053984.D
 Acq: 21 Jun 2022 18:42

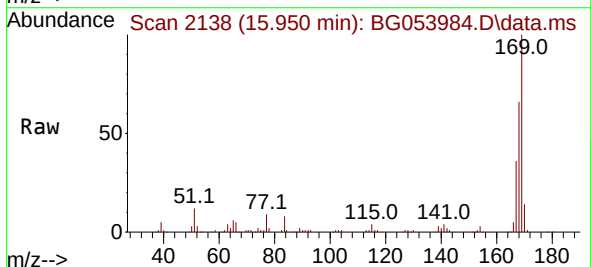
Instrument :
 BNA_G
 ClientSampleId :



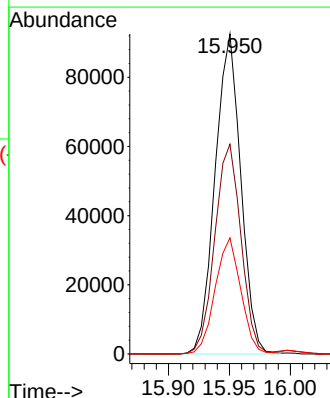
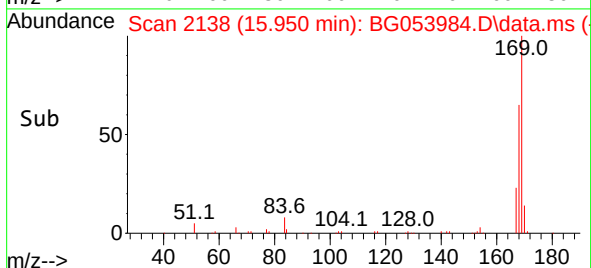
Tgt Ion:198 Resp: 29981
 Ion Ratio Lower Upper
 198 100
 182 2.6 3.4 5.0#
 77 17.4 14.7 22.1

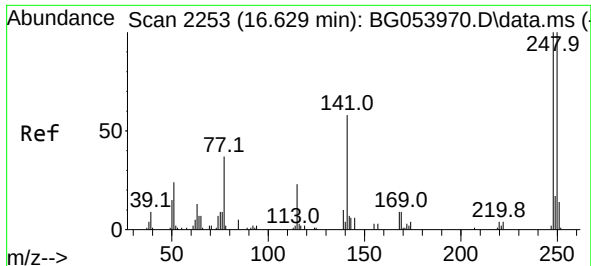


#67
 N-Nitrosodiphenylamine
 Concen: 33.191 ng/ul
 RT: 15.950 min Scan# 2138
 Delta R.T. 0.000 min
 Lab File: BG053984.D
 Acq: 21 Jun 2022 18:42



Tgt Ion:169 Resp: 135912
 Ion Ratio Lower Upper
 169 100
 168 65.6 51.0 76.4
 167 36.3 28.7 43.1

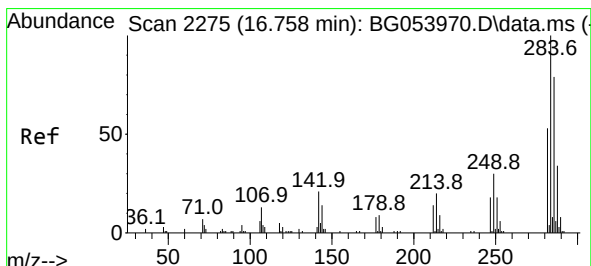
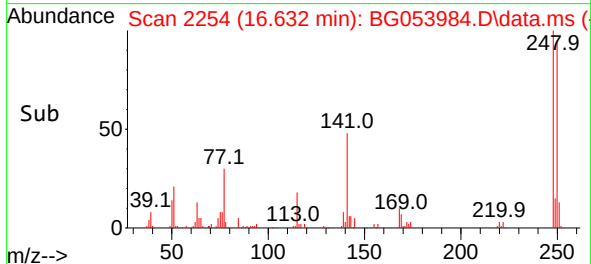
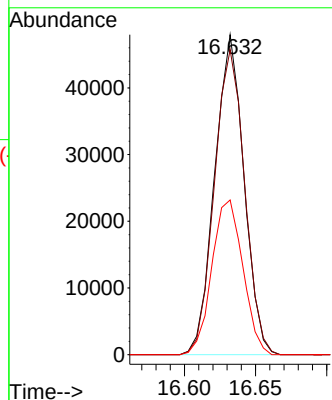
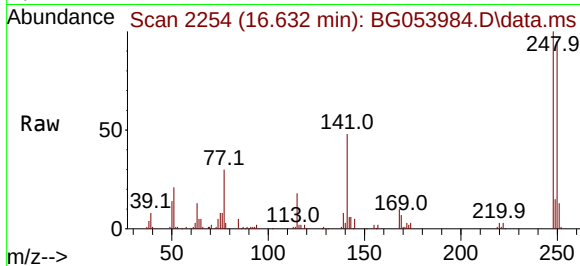




#68
4-Bromophenyl-phenylether
Concen: 33.075 ng/ul
RT: 16.632 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

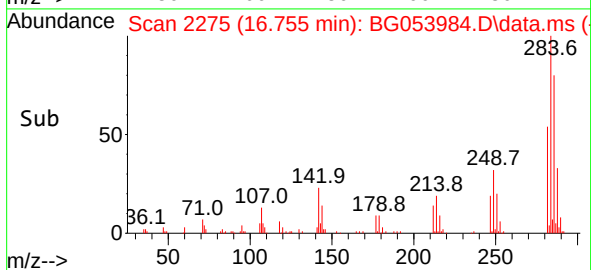
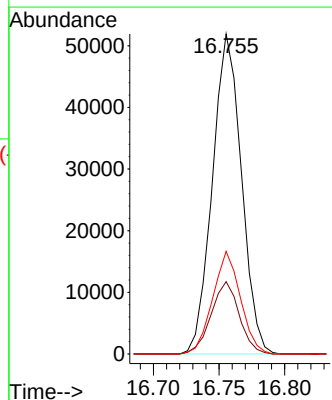
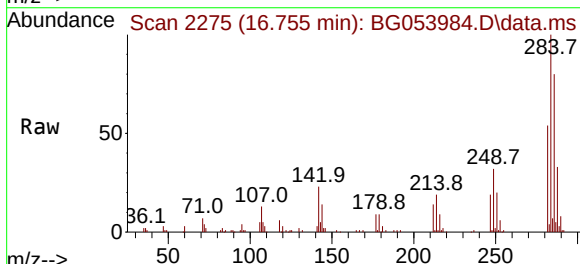
Instrument :
BNA_G
ClientSampleId :

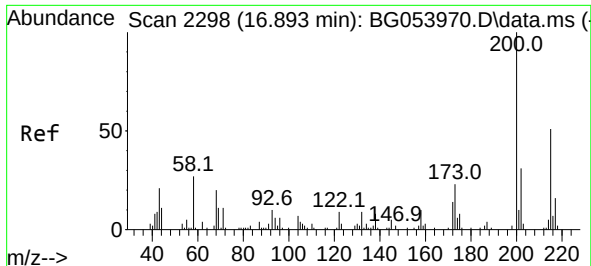
Tgt Ion:248 Resp: 68813
Ion Ratio Lower Upper
248 100
250 95.3 78.2 117.2
141 48.4 46.7 70.1



#69
Hexachlorobenzene
Concen: 32.736 ng/ul
RT: 16.755 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:284 Resp: 79825
Ion Ratio Lower Upper
284 100
142 21.1 20.8 31.2
249 31.8 27.4 41.0

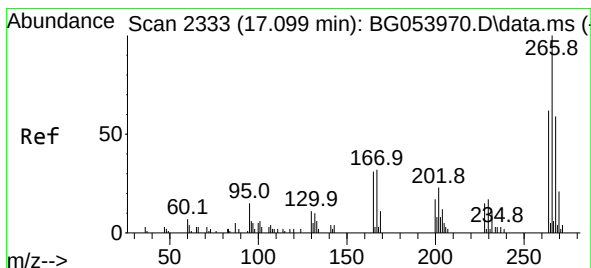
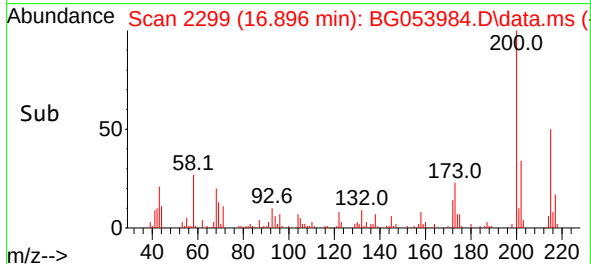
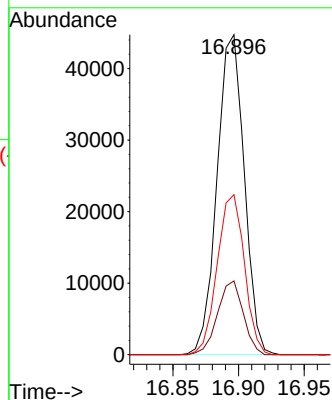
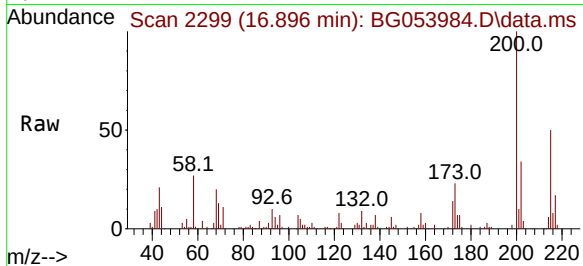




#70
 Atrazine
 Concen: 32.087 ng/ul
 RT: 16.896 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG053984.D
 Acq: 21 Jun 2022 18:42

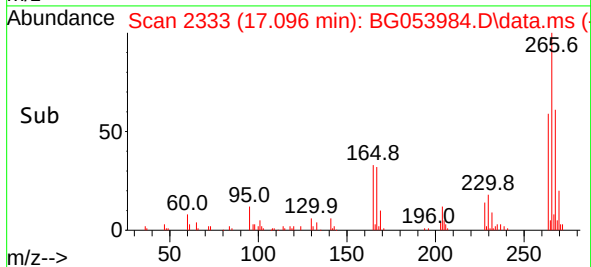
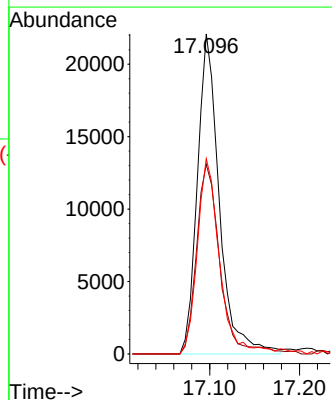
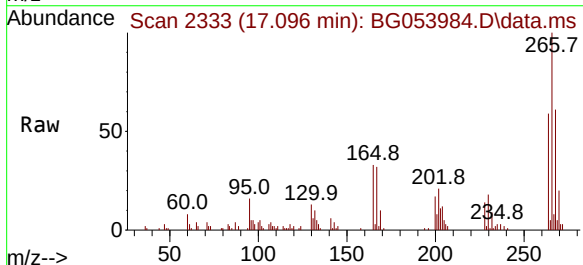
Instrument :
 BNA_G
 ClientSampleId :

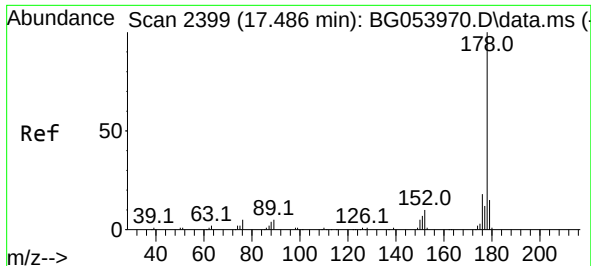
Tgt Ion:200 Resp: 64535
 Ion Ratio Lower Upper
 200 100
 173 23.1 19.8 29.6
 215 50.0 38.8 58.2



#71
 Pentachlorophenol
 Concen: 36.252 ng/ul
 RT: 17.096 min Scan# 2333
 Delta R.T. 0.000 min
 Lab File: BG053984.D
 Acq: 21 Jun 2022 18:42

Tgt Ion:266 Resp: 37468
 Ion Ratio Lower Upper
 266 100
 264 59.3 56.8 85.2
 268 65.9 48.0 72.0

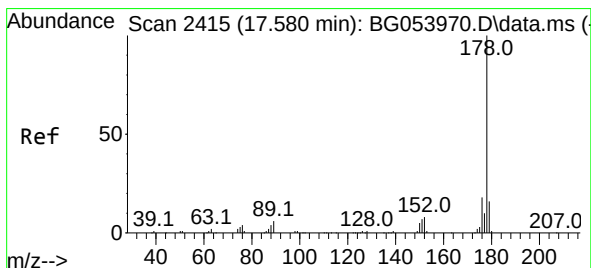
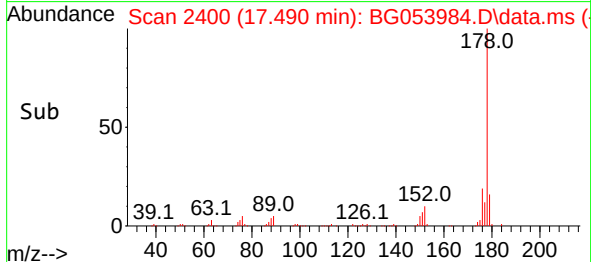
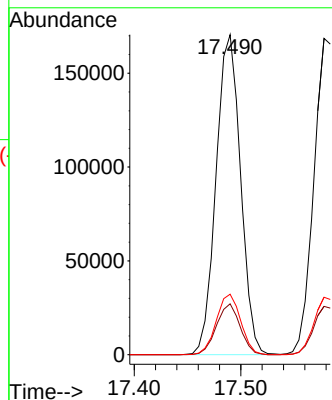
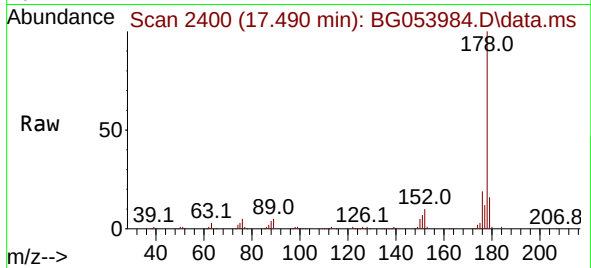




#72
Phenanthrene
Concen: 32.756 ng/ul
RT: 17.490 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

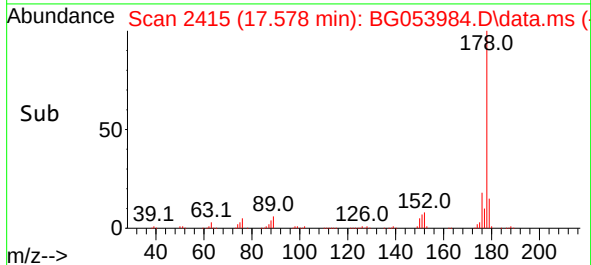
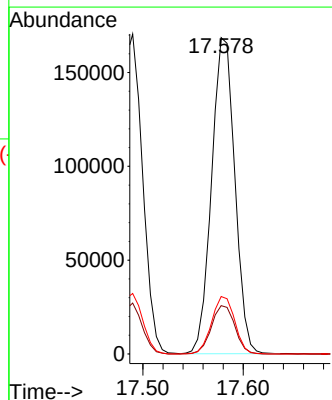
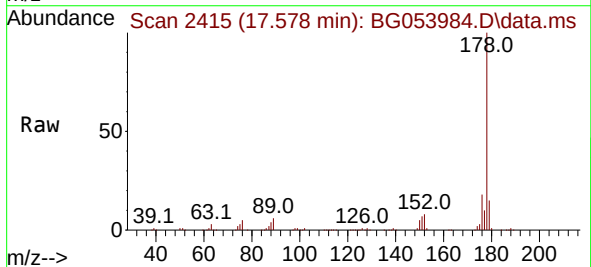
Instrument :
BNA_G
ClientSampleId :

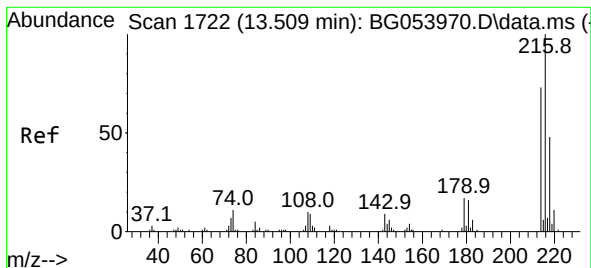
Tgt Ion:178 Resp: 271813
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 18.9 15.7 23.5



#74
Anthracene
Concen: 32.429 ng/ul
RT: 17.578 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:178 Resp: 271203
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 18.2 14.6 22.0

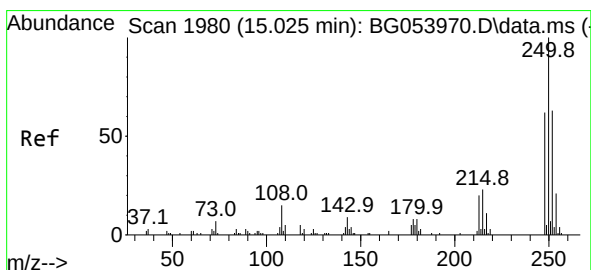
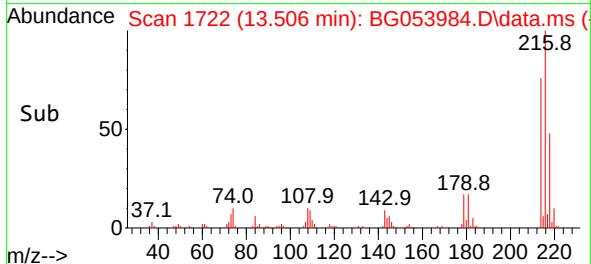
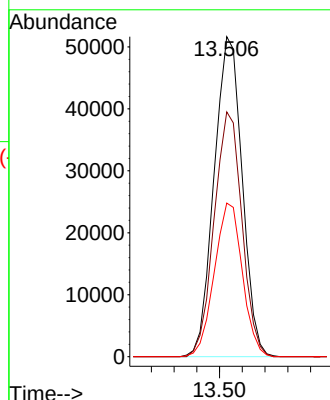
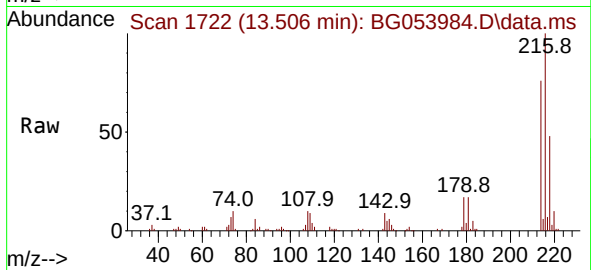




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.023 ng/uL
RT: 13.506 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

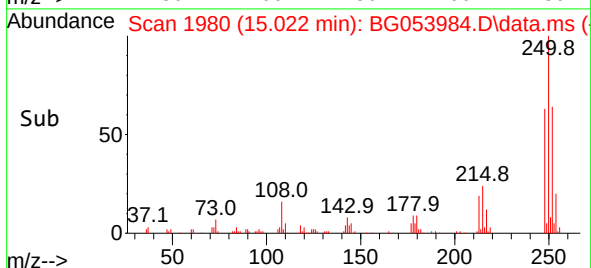
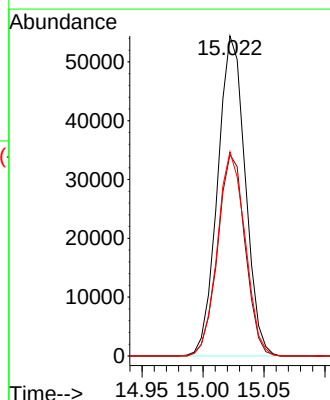
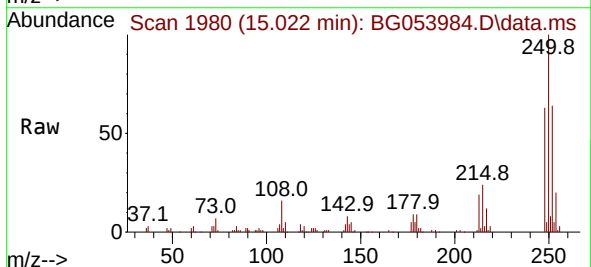
Instrument :
BNA_G
ClientSampleId :

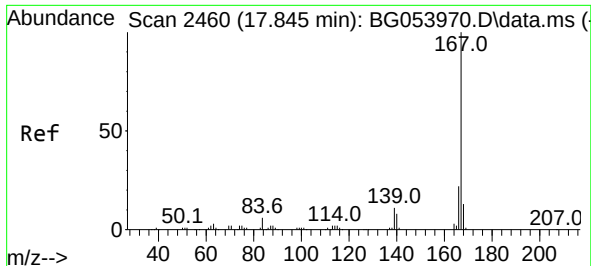
Tgt Ion:216 Resp: 88503
Ion Ratio Lower Upper
216 100
214 76.5 64.2 96.4
218 48.0 39.0 58.4



#76
Pentachlorobenzene
Concen: 32.618 ng/uL
RT: 15.022 min Scan# 1980
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

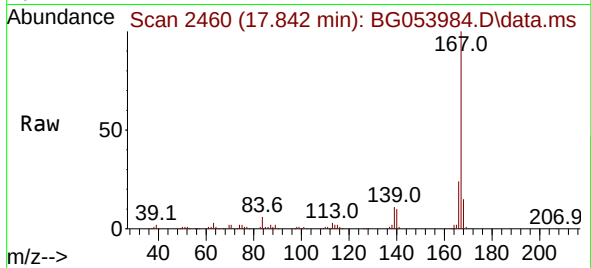
Tgt Ion:250 Resp: 85583
Ion Ratio Lower Upper
250 100
248 63.0 47.7 71.5
252 68.5 50.0 75.0



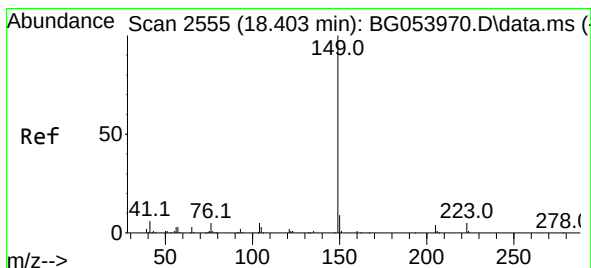
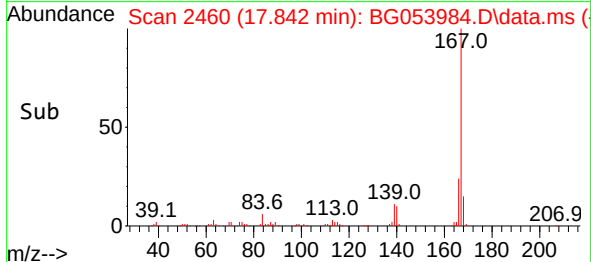
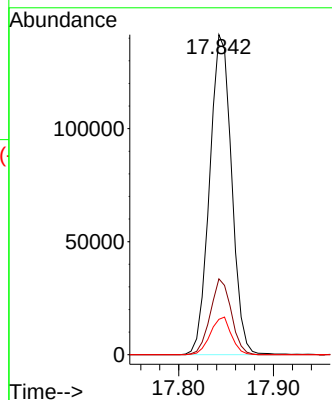


#77
 Carbazole
 Concen: 33.132 ng/ul
 RT: 17.842 min Scan# 2460
 Delta R.T. 0.000 min
 Lab File: BG053984.D
 Acq: 21 Jun 2022 18:42

Instrument :
 BNA_G
 ClientSampleId :

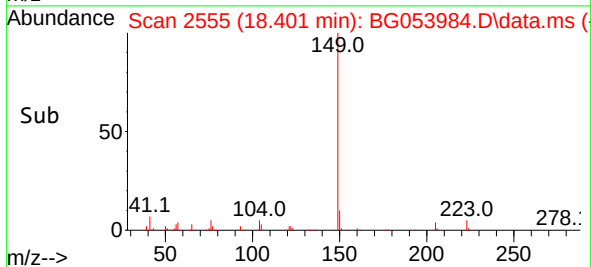
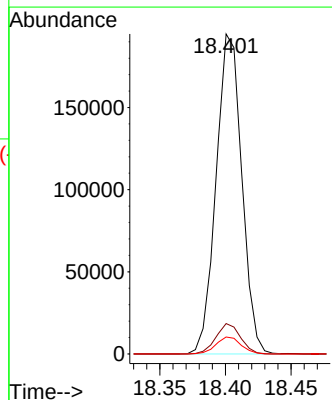
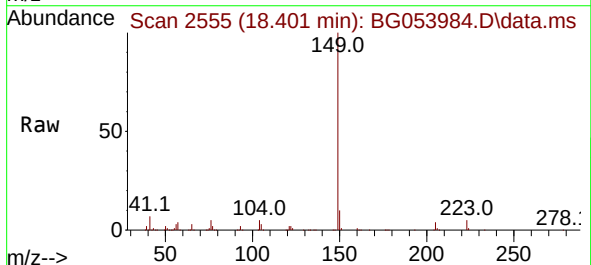


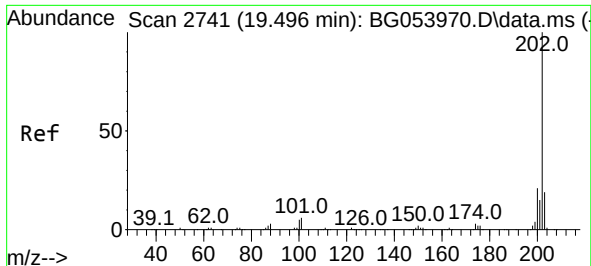
Tgt Ion:167 Resp: 228448
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.2 27.2
 139 11.0 9.0 13.6



#78
 Di-n-butylphthalate
 Concen: 33.724 ng/ul
 RT: 18.401 min Scan# 2555
 Delta R.T. -0.006 min
 Lab File: BG053984.D
 Acq: 21 Jun 2022 18:42

Tgt Ion:149 Resp: 264737
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.1 10.7
 104 5.3 4.2 6.2

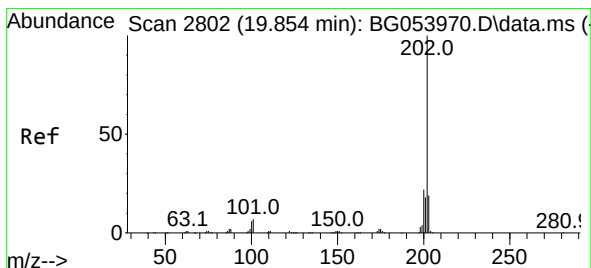
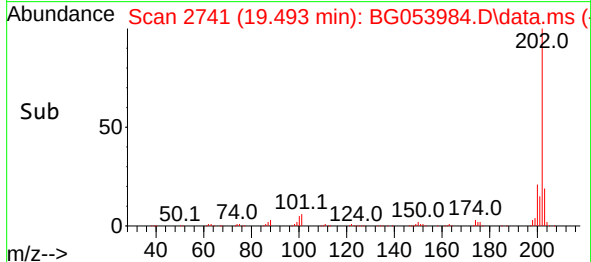
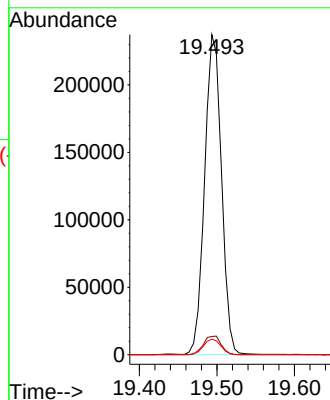
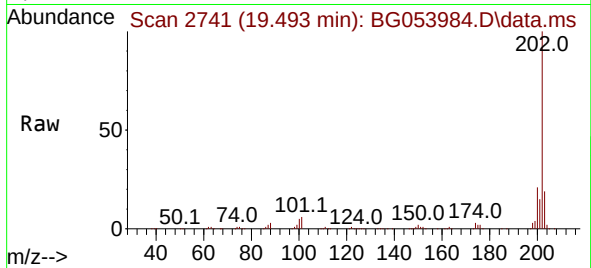




#80
Fluoranthene
Concen: 33.093 ng/u1
RT: 19.493 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

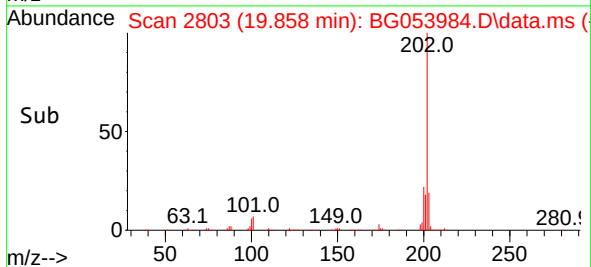
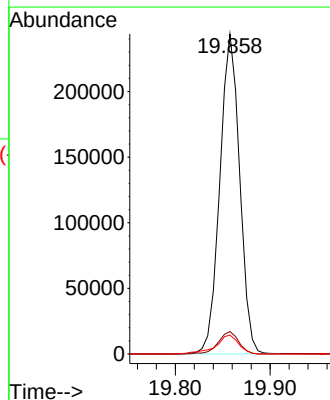
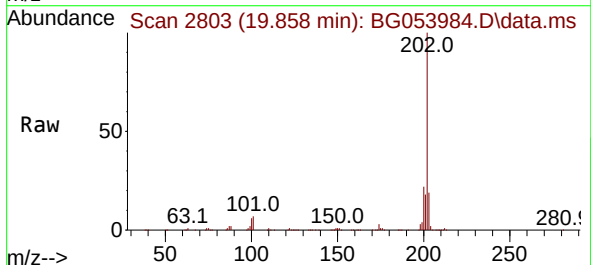
Instrument :
BNA_G
ClientSampleId :

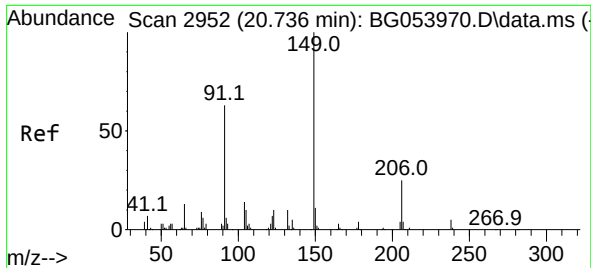
Tgt Ion:202 Resp: 357574
Ion Ratio Lower Upper
202 100
101 5.7 6.6 9.8#
100 4.8 5.8 8.8#



#82
Pyrene
Concen: 33.049 ng/u1
RT: 19.858 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:202 Resp: 355026
Ion Ratio Lower Upper
202 100
101 7.0 7.3 10.9#
100 5.9 6.2 9.4#

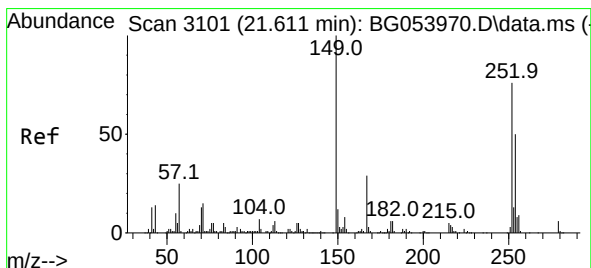
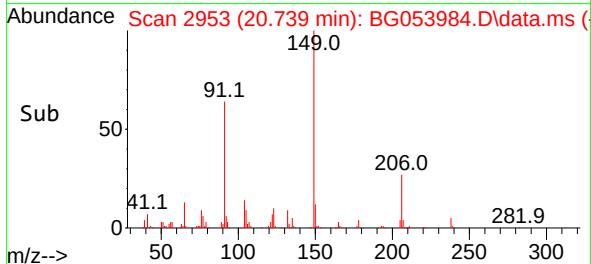
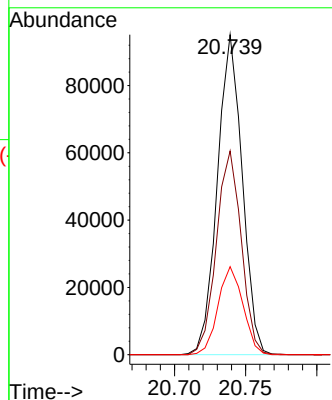
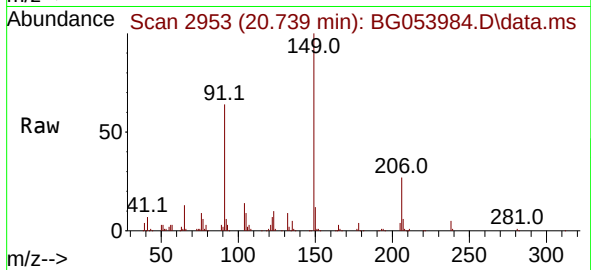




#83
Butylbenzylphthalate
Concen: 35.702 ng/ul
RT: 20.739 min Scan# 2953
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

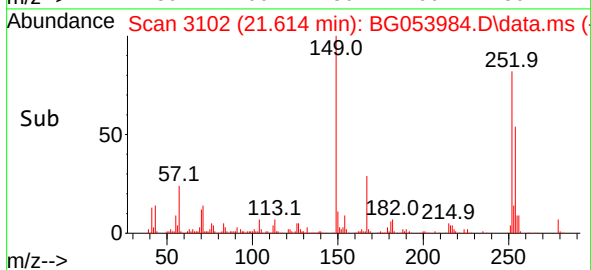
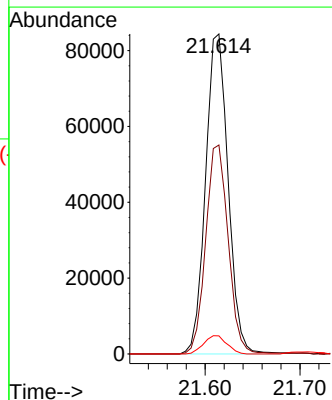
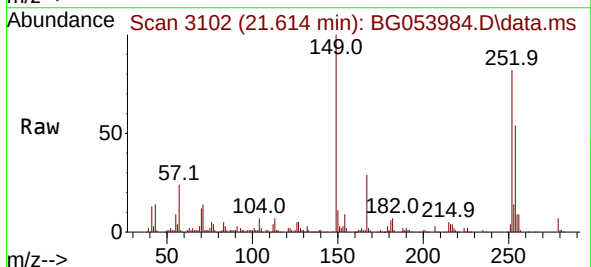
Instrument :
BNA_G
ClientSampleId :

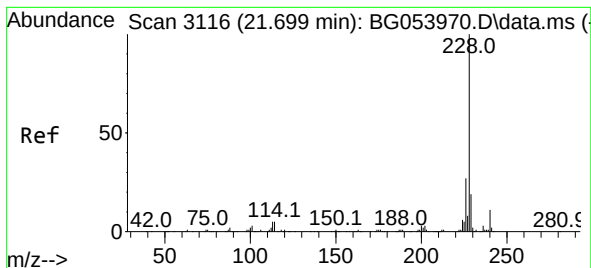
Tgt Ion:149 Resp: 115582
Ion Ratio Lower Upper
149 100
91 63.7 54.0 81.0
206 27.5 19.5 29.3



#84
3,3'-Dichlorobenzidine
Concen: 36.300 ng/ul
RT: 21.614 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:252 Resp: 139449
Ion Ratio Lower Upper
252 100
254 65.3 49.6 74.4
126 5.7 6.0 9.0#





#85

Benzo(a)anthracene

Concen: 33.264 ng/ul

RT: 21.703 min Scan# 3117

Delta R.T. 0.000 min

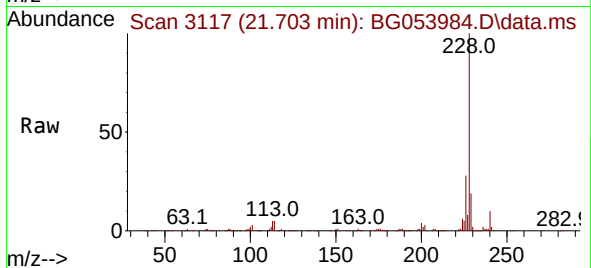
Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Instrument :

BNA_G

ClientSampleId :



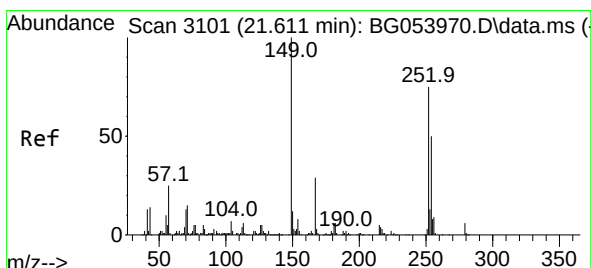
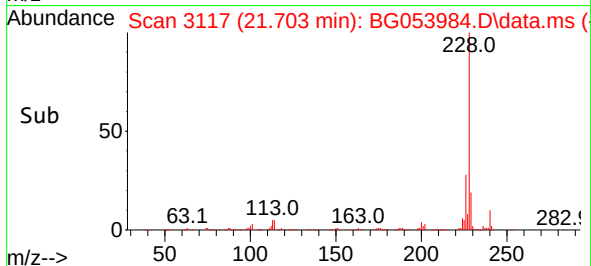
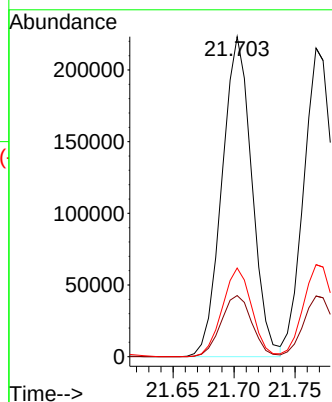
Tgt Ion:228 Resp: 380618

Ion Ratio Lower Upper

228 100

229 19.1 16.5 24.7

226 27.7 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 35.451 ng/ul

RT: 21.609 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

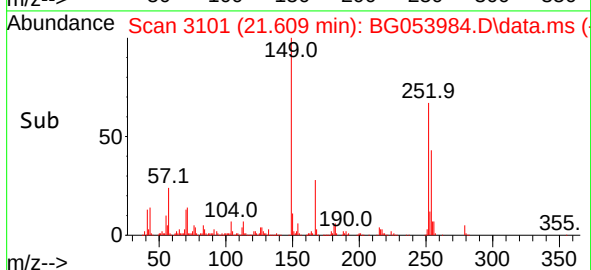
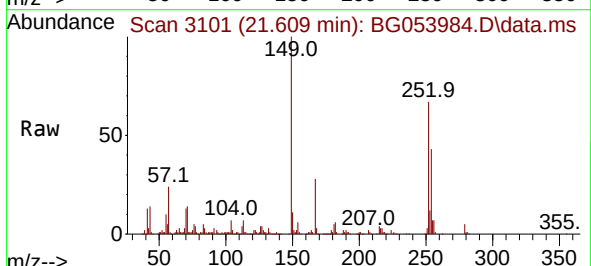
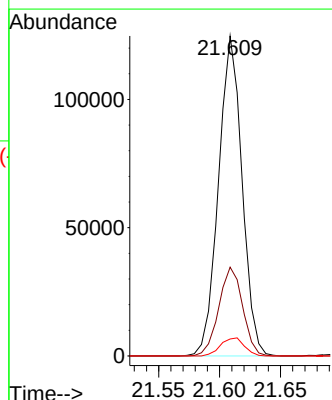
Tgt Ion:149 Resp: 167704

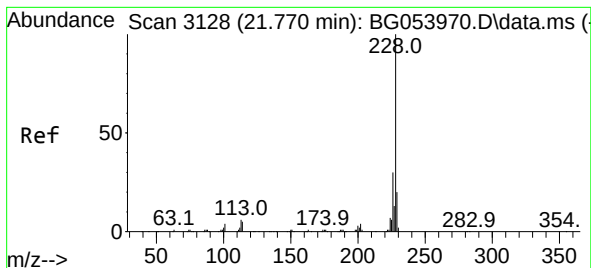
Ion Ratio Lower Upper

149 100

167 27.8 21.7 32.5

279 5.3 3.9 5.9





#87

Chrysene

Concen: 32.938 ng/ul

RT: 21.767 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Instrument :

BNA_G

ClientSampleId :

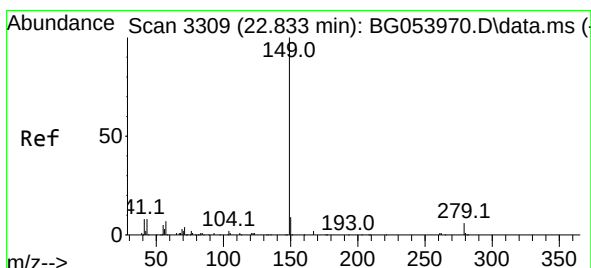
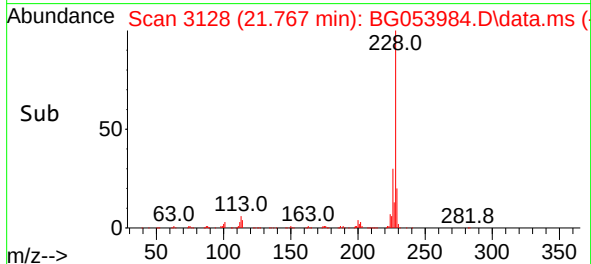
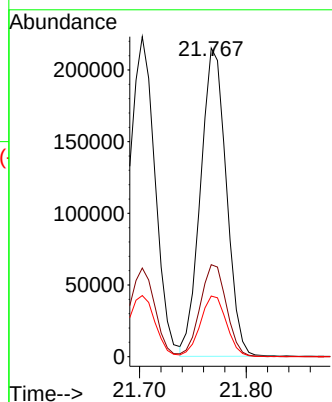
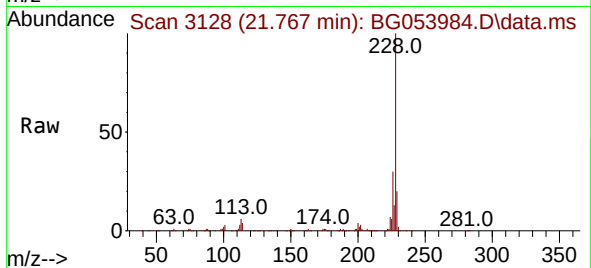
Tgt Ion:228 Resp: 361566

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

229 19.6 16.3 24.5



#89

Di-n-octyl phthalate

Concen: 34.642 ng/ul

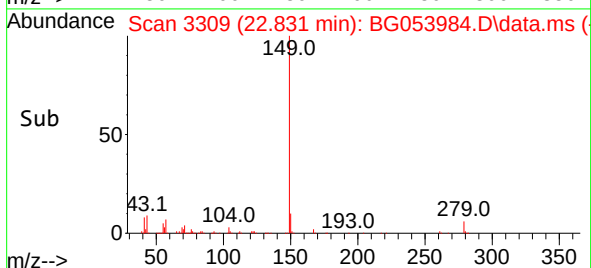
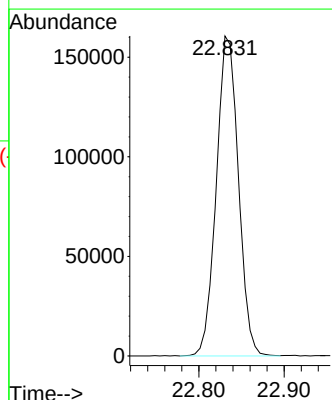
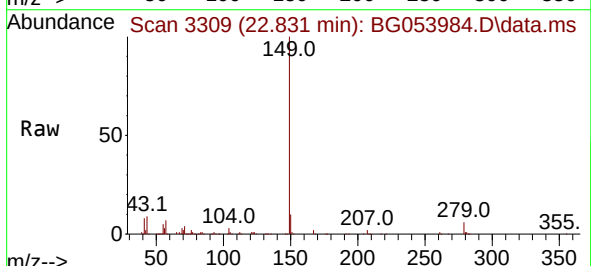
RT: 22.831 min Scan# 3309

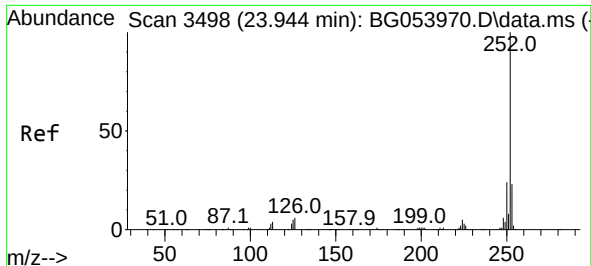
Delta R.T. -0.006 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Tgt Ion:149 Resp: 289110

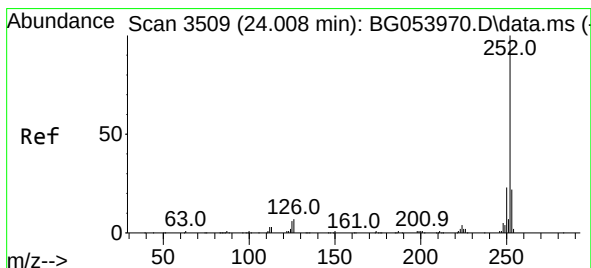
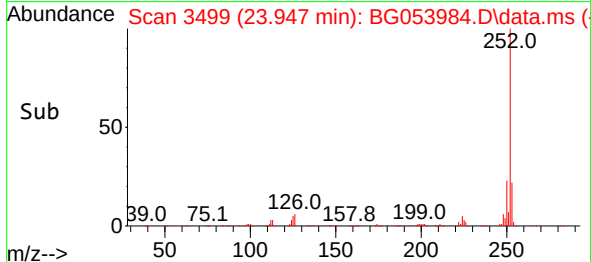
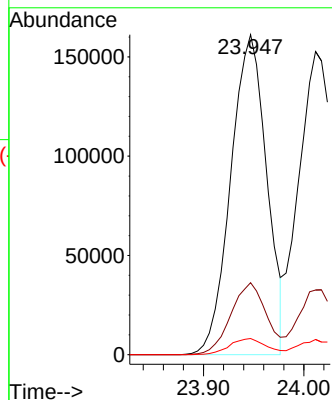
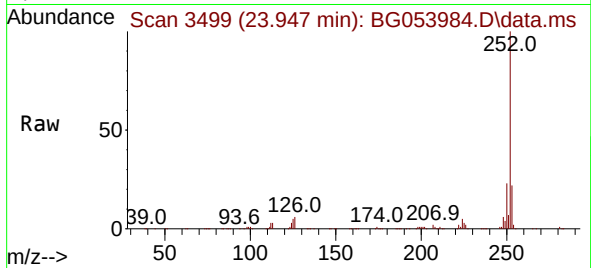




#90
Benzo(b)fluoranthene
Concen: 33.437 ng/ul
RT: 23.947 min Scan# 3498
Delta R.T. 0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

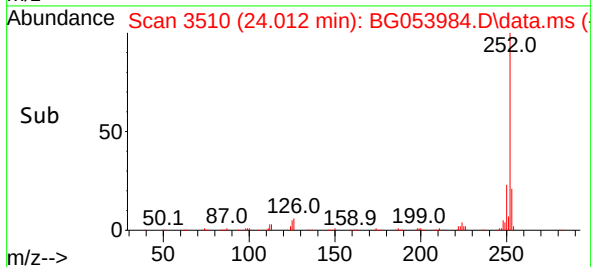
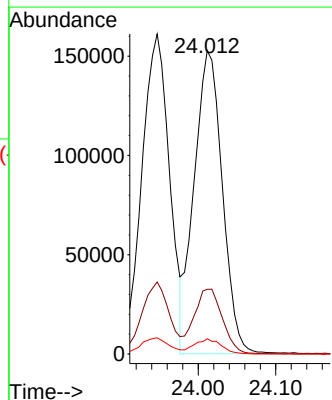
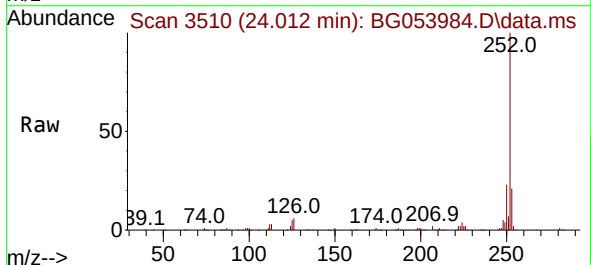
Instrument :
BNA_G
ClientSampleId :

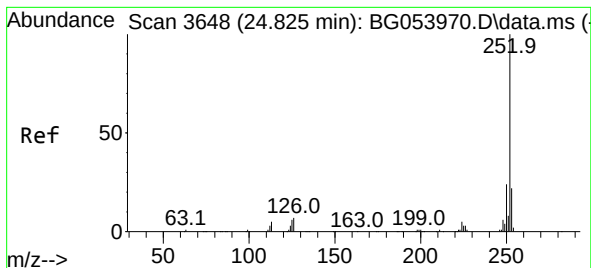
Tgt Ion:252 Resp: 401220
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 5.1 6.1 9.1#



#91
Benzo(k)fluoranthene
Concen: 33.581 ng/ul
RT: 24.012 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BG053984.D
Acq: 21 Jun 2022 18:42

Tgt Ion:252 Resp: 385828
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 5.0 5.4 8.0#





#93

Benzo(a)pyrene

Concen: 33.653 ng/ul

RT: 24.828 min Scan# 3

Delta R.T. 0.000 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Instrument :

BNA_G

ClientSampleId :

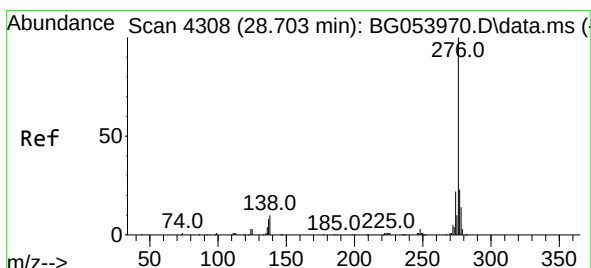
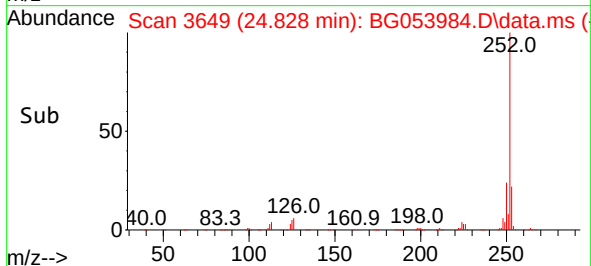
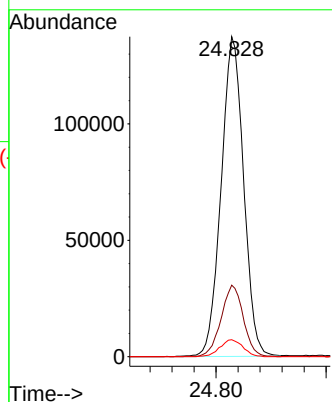
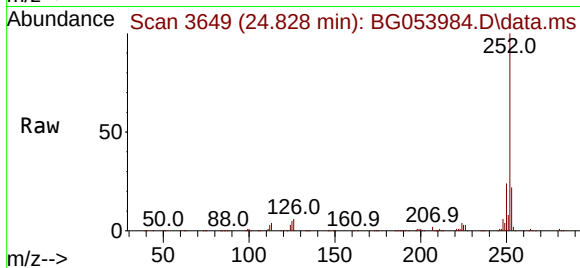
Tgt Ion:252 Resp: 388984

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 5.3 6.8 10.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 33.771 ng/ul

RT: 28.706 min Scan# 4309

Delta R.T. 0.006 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

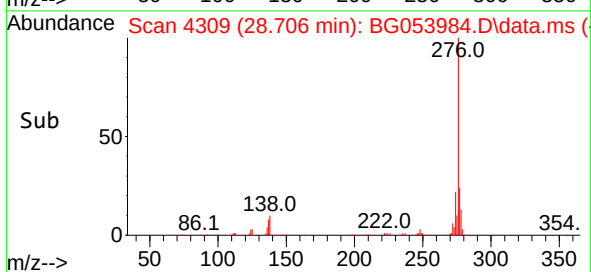
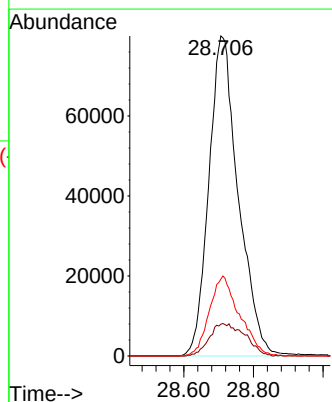
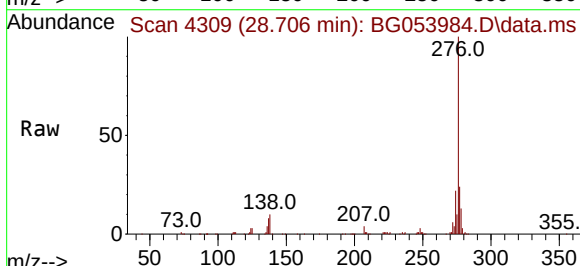
Tgt Ion:276 Resp: 469638

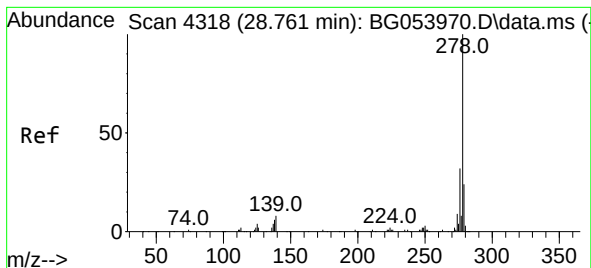
Ion Ratio Lower Upper

276 100

138 9.9 10.1 15.1#

277 24.0 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 34.169 ng/ul

RT: 28.771 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Instrument :

BNA_G

ClientSampleId :

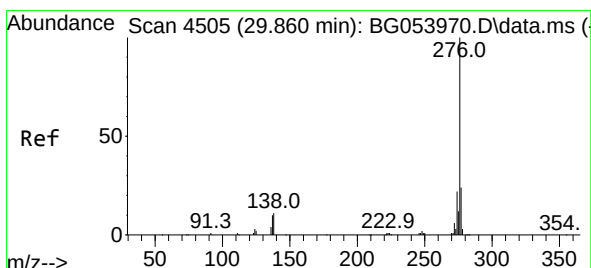
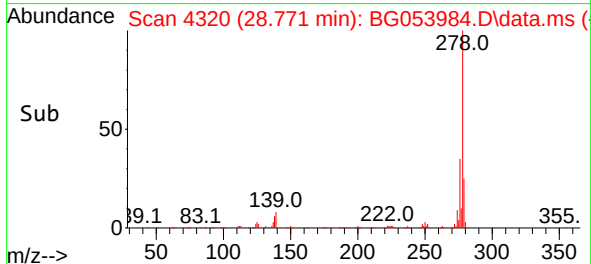
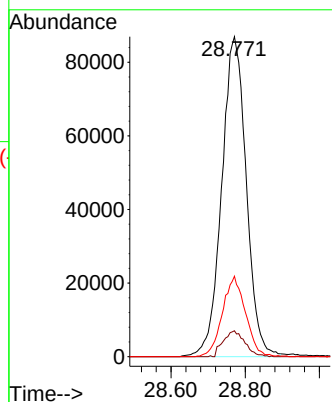
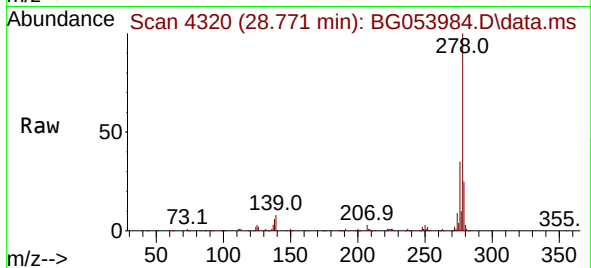
Tgt Ion:278 Resp: 399885

Ion Ratio Lower Upper

278 100

139 8.1 8.6 13.0#

279 25.2 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 33.927 ng/ul

RT: 29.869 min Scan# 4507

Delta R.T. 0.012 min

Lab File: BG053984.D

Acq: 21 Jun 2022 18:42

Tgt Ion:276 Resp: 398357

Ion Ratio Lower Upper

276 100

138 9.8 11.3 16.9#

277 24.2 18.6 27.8

