

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081922\
 Data File : BG054658.D
 Acq On : 19 Aug 2022 9:07
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 02:43:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 18 03:22:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	47374	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	196246	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.794	164	126161	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.544	188	283314	20.000	ng/u1	0.00
79) Chrysene-d12	21.839	240	270872	20.000	ng/u1	0.00
88) Perylene-d12	25.217	264	278044	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.513	96	9472	7.909	ng/uL	0.00
4) Pyridine-d5	3.936	84	69306	19.419	ng/u1	0.00
7) Phenol-d5	7.297	99	73038	18.133	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.479	67	48448	18.798	ng/u1	0.00
11) 2-Chlorophenol-d4	7.685	132	50601	17.763	ng/u1	0.00
15) 4-Methylphenol-d8	8.854	113	55345	18.190	ng/u1	0.00
21) Nitrobenzene-d5	9.336	128	23903	19.404	ng/u1	0.00
24) 2-Nitrophenol-d4	10.059	143	17487	15.856	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.599	165	53093	18.364	ng/u1	0.00
31) 4-Chloroaniline-d4	11.116	131	80034	19.283	ng/u1	0.00
46) Dimethylphthalate-d6	14.195	166	163878	18.905	ng/u1	0.00
49) Acenaphthylene-d8	14.489	160	203641	19.620	ng/u1	0.00
54) 4-Nitrophenol-d4	14.965	143	23786	17.363	ng/u1	0.00
60) Fluorene-d10	15.781	176	153297	19.502	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	13663	14.161	ng/u1	0.00
73) Anthracene-d10	17.638	188	240711	19.534	ng/u1	0.00
81) Pyrene-d10	19.918	212	277107	19.722	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.982	264	267626	19.601	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.548	88	10482	7.766	ng/uL	93
5) Pyridine	3.954	79	68304	19.160	ng/u1	96
6) Benzaldehyde	7.291	77	39954	20.282	ng/u1	97
8) Phenol	7.326	94	76200	18.995	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.573	93	62128	19.039	ng/u1	96
12) 2-Chlorophenol	7.720	128	55831	18.246	ng/u1	96
13) 2-Methylphenol	8.590	108	56366	18.382	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.690	45	96394	18.031	ng/u1#	97
16) Acetophenone	8.989	105	93305	19.657	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.966	70	48410	18.766	ng/u1	97
18) 4-Methylphenol	8.919	108	60762	18.988	ng/u1	99
19) Hexachloroethane	9.259	117	23108	18.539	ng/u1	98
22) Nitrobenzene	9.377	77	62406	19.267	ng/u1	96
23) Isophorone	9.900	82	131655	18.759	ng/u1	99
25) 2-Nitrophenol	10.088	139	20967	16.115	ng/u1	94
26) 2,4-Dimethylphenol	10.135	107	64462	18.510	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.382	93	81425	18.841	ng/u1	97
29) 2,4-Dichlorophenol	10.623	162	53439	19.157	ng/u1	98
30) Naphthalene	11.040	128	197721	19.545	ng/u1	100
32) 4-Chloroaniline	11.140	127	82297	19.388	ng/u1	94
33) Hexachlorobutadiene	11.316	225	39836	19.038	ng/u1	94
34) Caprolactam	11.892	113	15784	16.581	ng/u1	91
35) 4-Chloro-3-methylphenol	12.238	107	57000	18.738	ng/u1	97
36) 2-Methylnaphthalene	12.632	142	134327	19.461	ng/u1	97

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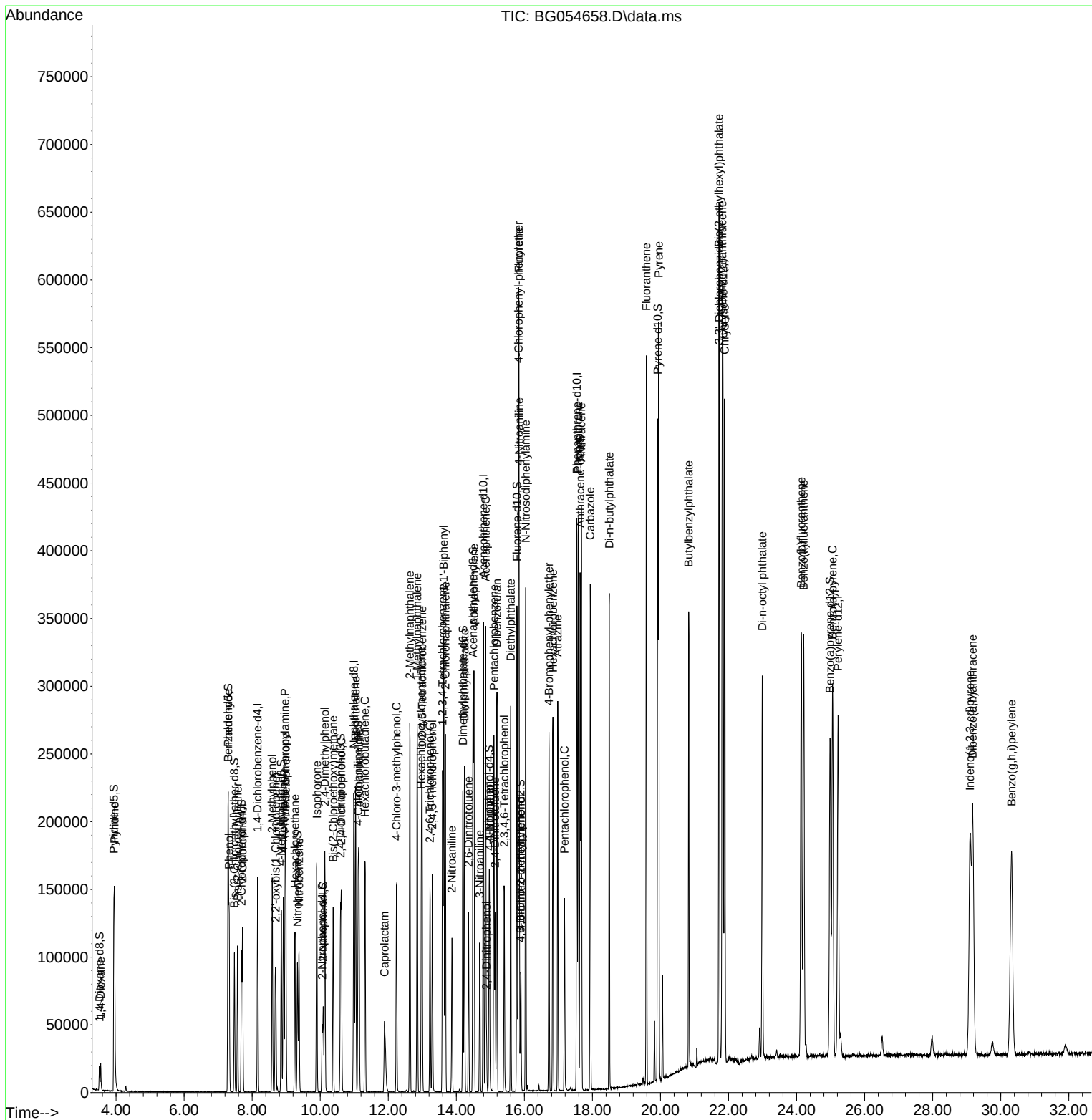
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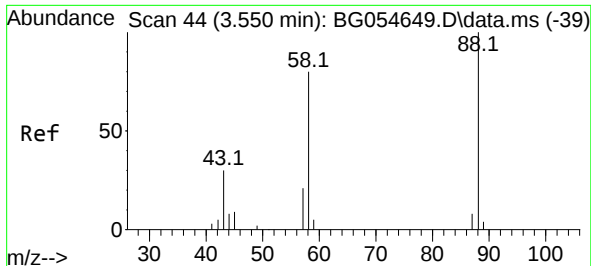
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.849	142	134351	19.591	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.996	216	73746	19.207	ng/ul	100
40) Hexachlorocyclopentadiene	12.973	237	41286	16.943	ng/ul	99
41) 2,4,6-Trichlorophenol	13.225	196	38873	17.247	ng/ul	96
42) 2,4,5-Trichlorophenol	13.296	196	46379	18.899	ng/ul	97
43) 1,1'-Biphenyl	13.631	154	179356	19.691	ng/ul	98
44) 2-Chloronaphthalene	13.678	162	134612	19.504	ng/ul	97
45) 2-Nitroaniline	13.872	65	29142	17.999	ng/ul	94
47) Dimethylphthalate	14.242	163	168550	19.257	ng/ul	98
48) 2,6-Dinitrotoluene	14.359	165	25791	18.826	ng/ul	98
50) Acenaphthylene	14.518	152	227744	19.824	ng/ul	99
51) 3-Nitroaniline	14.688	138	27413	18.810	ng/ul#	98
52) Acenaphthene	14.859	153	148186	19.409	ng/ul	97
53) 2,4-Dinitrophenol	14.888	184	9547	13.960	ng/ul#	87
55) 4-Nitrophenol	14.976	109	18704	16.592	ng/ul	90
56) Dibenzofuran	15.194	168	207579	19.739	ng/ul	100
57) 2,4-Dinitrotoluene	15.141	165	36332	19.561	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.411	232	33361	16.889	ng/ul	98
59) Diethylphthalate	15.599	149	165484	19.054	ng/ul	100
61) Fluorene	15.840	166	168705	19.675	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.828	204	84138	19.157	ng/ul	99
63) 4-Nitroaniline	15.846	138	26671	19.622	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.899	198	14430	14.020	ng/ul	99
67) N-Nitrosodiphenylamine	16.040	169	146640	19.164	ng/ul	98
68) 4-Bromophenyl-phenylether	16.727	248	56244	19.255	ng/ul	97
69) Hexachlorobenzene	16.839	284	63931	19.181	ng/ul	99
70) Atrazine	16.980	200	53156	18.274	ng/ul	98
71) Pentachlorophenol	17.180	266	28383	15.411	ng/ul	92
72) Phenanthrene	17.585	178	275306	19.533	ng/ul	99
74) Anthracene	17.673	178	278746	19.637	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.596	216	78297	19.225	ng/ul	97
76) Pentachlorobenzene	15.106	250	73358	18.909	ng/ul	97
77) Carbazole	17.938	167	249463	19.851	ng/ul	99
78) Di-n-butylphthalate	18.496	149	274759	18.692	ng/ul	99
80) Fluoranthene	19.589	202	342858	19.509	ng/ul	99
82) Pyrene	19.947	202	343316	19.654	ng/ul	98
83) Butylbenzylphthalate	20.828	149	105105	17.571	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.727	252	112095	19.105	ng/ul	96
85) Benzo(a)anthracene	21.815	228	328265	19.501	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.715	149	156026	17.373	ng/ul	99
87) Chrysene	21.886	228	315304	19.466	ng/ul	99
89) Di-n-octyl phthalate	22.990	149	256106	16.613	ng/ul	100
90) Benzo(b)fluoranthene	24.136	252	335186	19.084	ng/ul	99
91) Benzo(k)fluoranthene	24.207	252	322044	19.788	ng/ul	100
93) Benzo(a)pyrene	25.059	252	330090	19.564	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.095	276	381564	19.253	ng/ul	99
95) Dibenzo(a,h)anthracene	29.171	278	322840	19.268	ng/ul	98
96) Benzo(g,h,i)perylene	30.317	276	318386	19.258	ng/ul	99

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

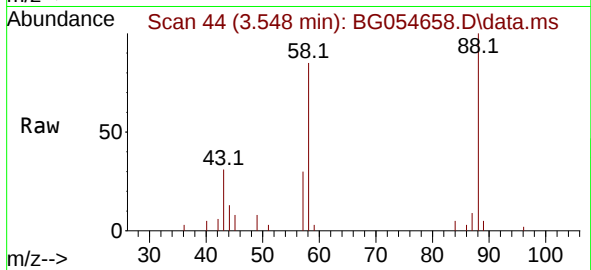
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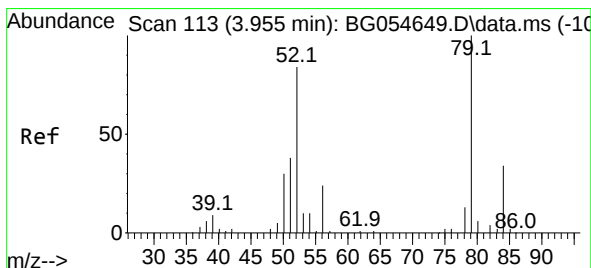
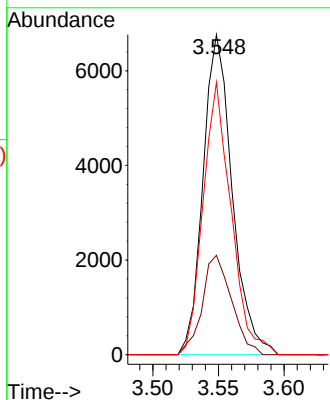
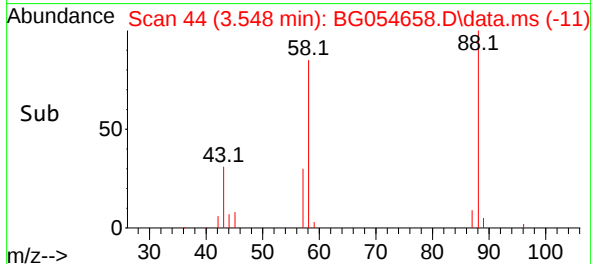


#2
1,4-Dioxane
Concen: 7.766 ng/uL
RT: 3.548 min Scan# 44
Delta R.T. -0.004 min
Lab File: BG054658.D
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BNA_G
ClientSampleId :

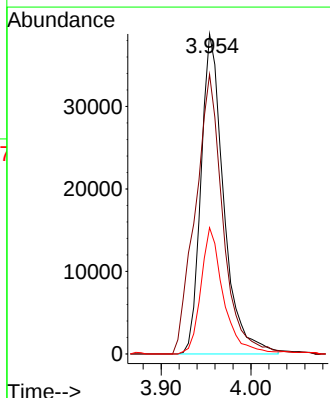
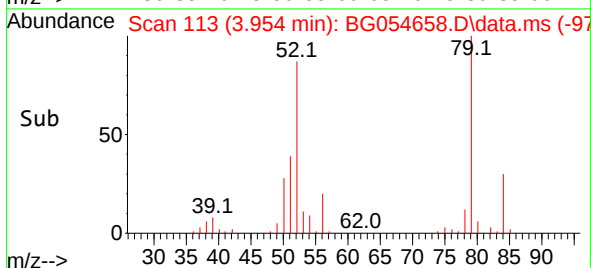
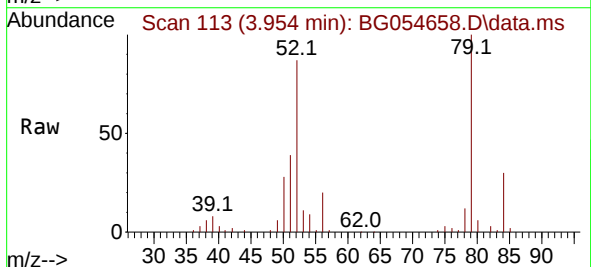


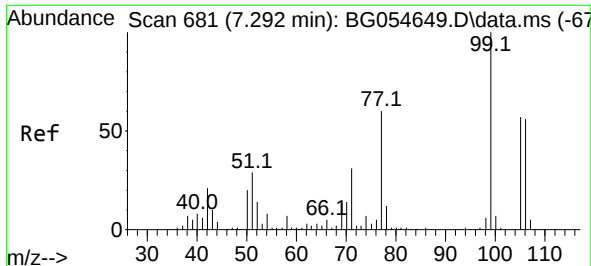
Tgt Ion:	88	Resp:	10482
Ion	Ratio	Lower	Upper
88	100		
43	31.0	28.3	42.5
58	85.1	63.4	95.2



#5
Pyridine
Concen: 19.160 ng/uL
RT: 3.954 min Scan# 113
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:	79	Resp:	68304
Ion	Ratio	Lower	Upper
79	100		
52	87.4	74.2	111.2
51	39.5	31.9	47.9

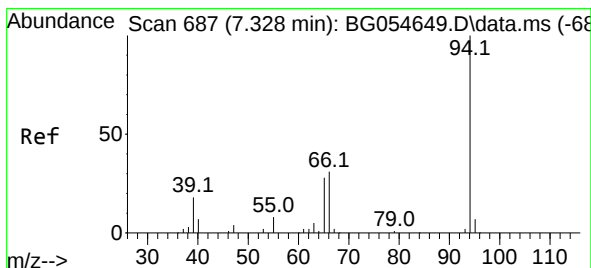
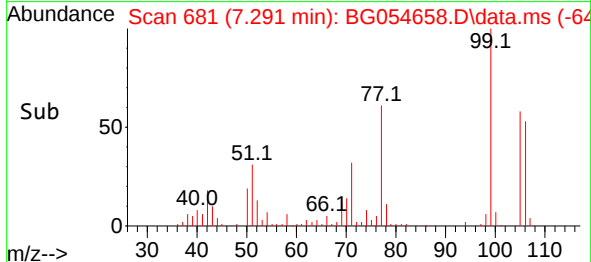
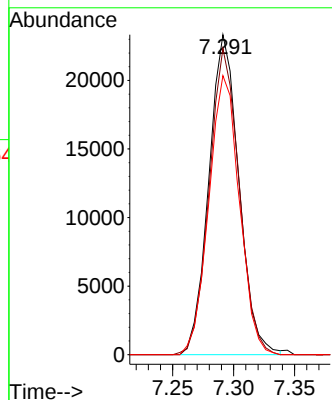
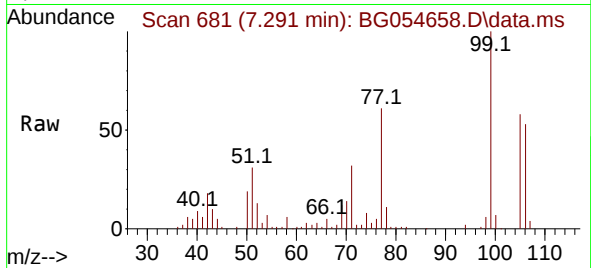




#6
Benzaldehyde
Concen: 20.282 ng/ul
RT: 7.291 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

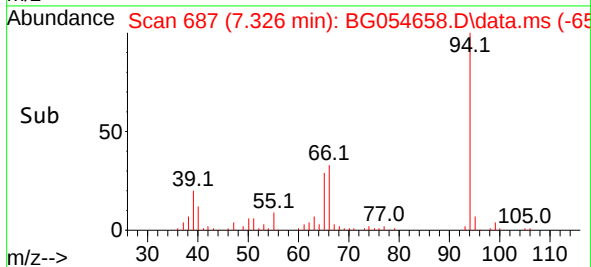
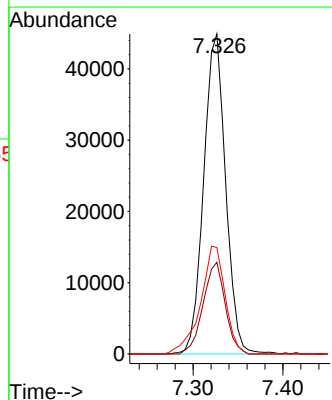
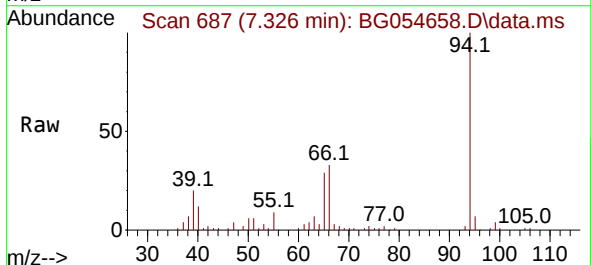
Instrument :
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ClientSampleId :

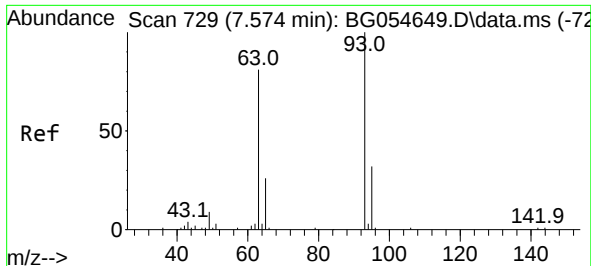
Tgt Ion: 77 Resp: 39954
Ion Ratio Lower Upper
77 100
105 95.7 73.6 110.4
106 87.2 71.5 107.3



#8
Phenol
Concen: 18.995 ng/ul
RT: 7.326 min Scan# 687
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

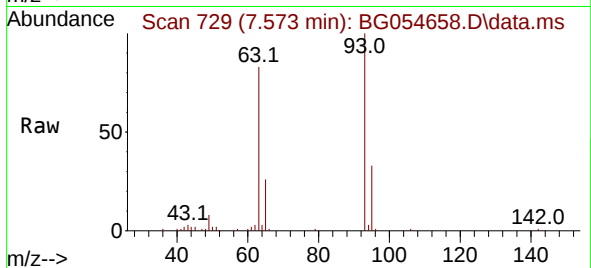
Tgt Ion: 94 Resp: 76200
Ion Ratio Lower Upper
94 100
65 28.6 24.0 36.0
66 33.2 29.0 43.6



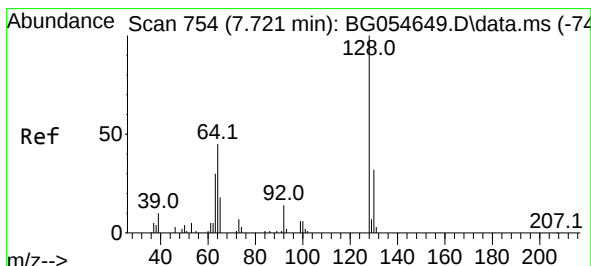
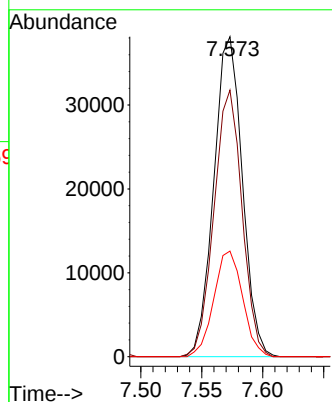
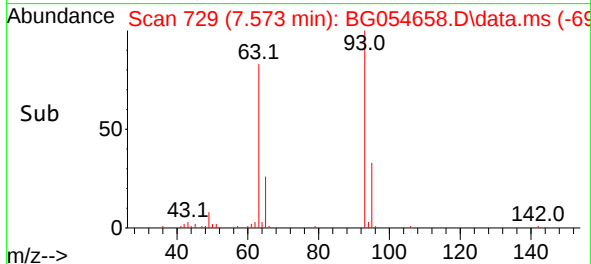


#10
Bis(2-Chloroethyl)ether
Concen: 19.039 ng/ul
RT: 7.573 min Scan# 729
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

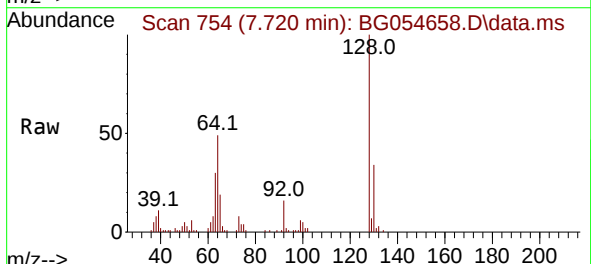
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ClientSampleId :



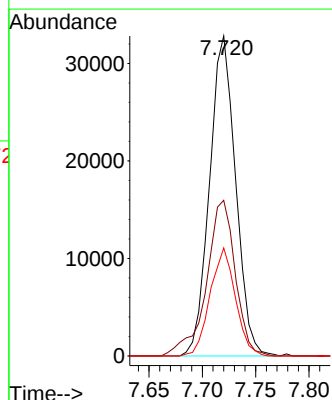
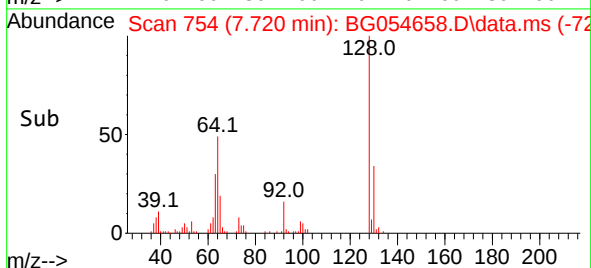
Tgt Ion: 93 Resp: 62128
Ion Ratio Lower Upper
93 100
63 83.3 63.2 94.8
95 33.0 25.5 38.3

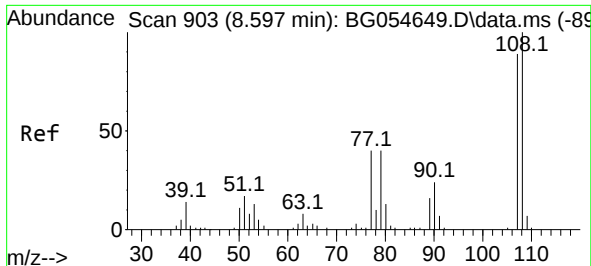


#12
2-Chlorophenol
Concen: 18.246 ng/ul
RT: 7.720 min Scan# 754
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07



Tgt Ion: 128 Resp: 55831
Ion Ratio Lower Upper
128 100
64 48.7 41.4 62.0
130 33.8 26.0 39.0

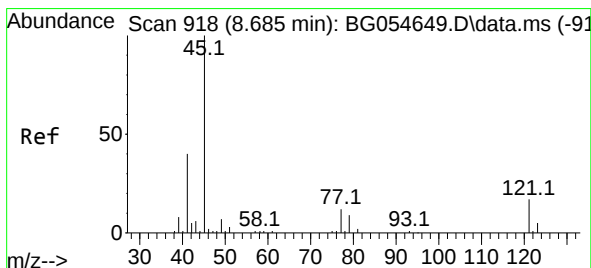
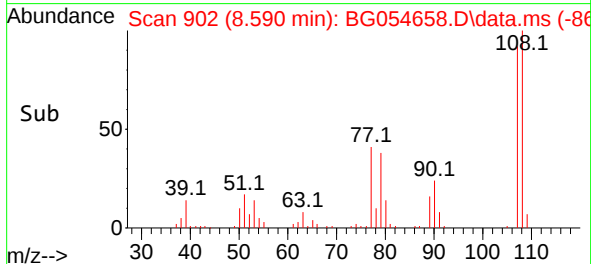
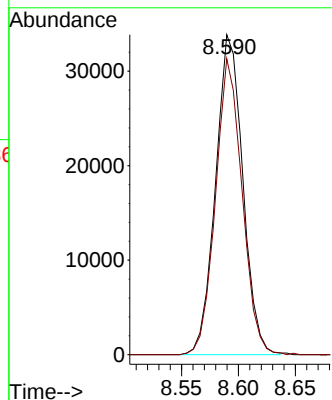
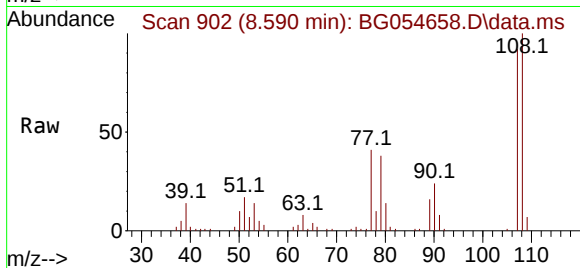




#13
2-Methylphenol
Concen: 18.382 ng/ul
RT: 8.590 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

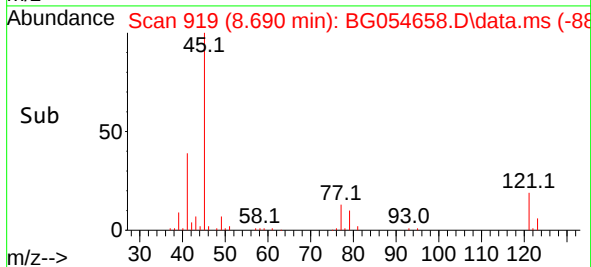
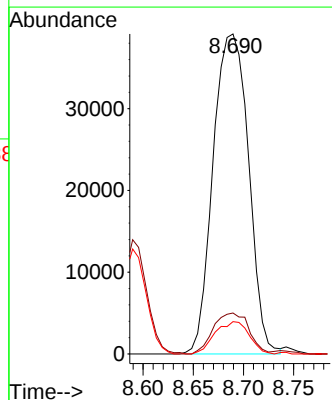
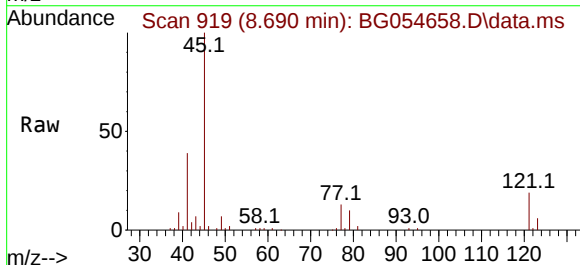
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BNA_G
ClientSampleId :

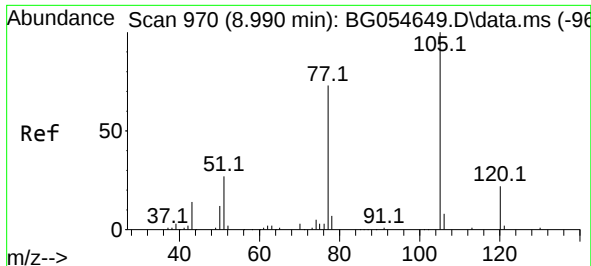
Tgt Ion:108 Resp: 56366
Ion Ratio Lower Upper
108 100
107 92.5 71.4 107.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.031 ng/ul
RT: 8.690 min Scan# 919
Delta R.T. 0.002 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

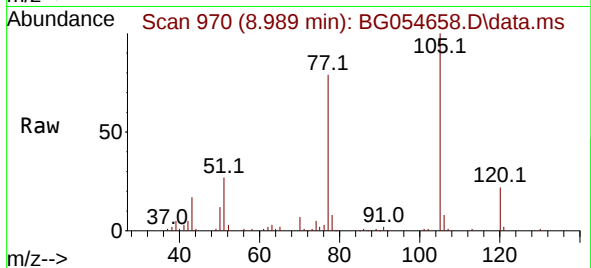
Tgt Ion: 45 Resp: 96394
Ion Ratio Lower Upper
45 100
77 12.8 9.9 14.9
79 10.1 6.6 9.8#



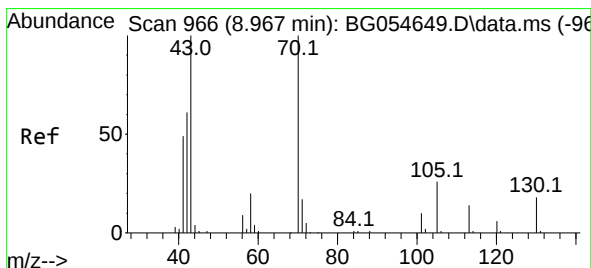
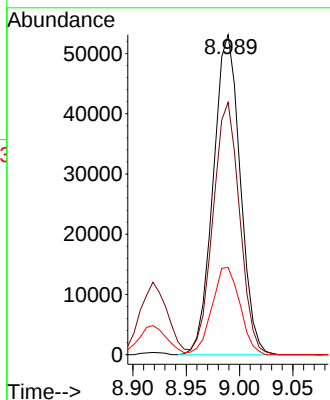
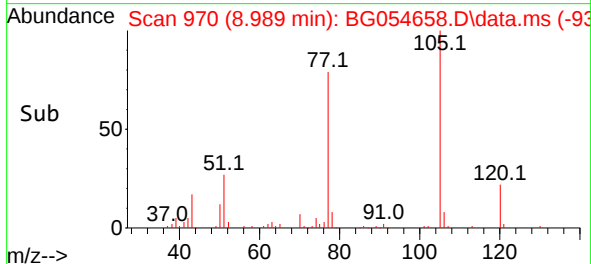


#16
Acetophenone
Concen: 19.657 ng/ul
RT: 8.989 min Scan# 916
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

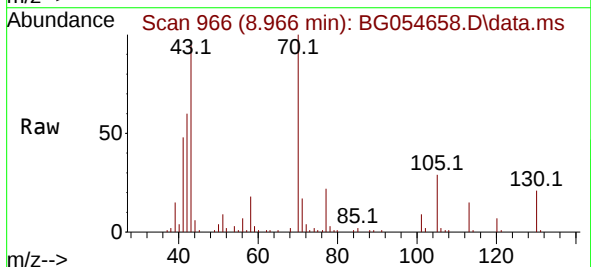
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ClientSampleId :



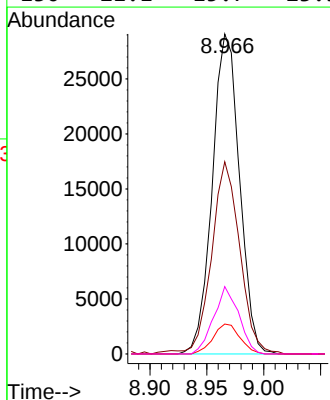
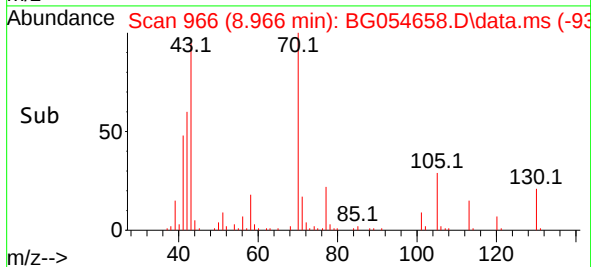
Tgt Ion:105 Resp: 93305
Ion Ratio Lower Upper
105 100
77 78.9 63.0 94.6
51 27.3 23.8 35.6

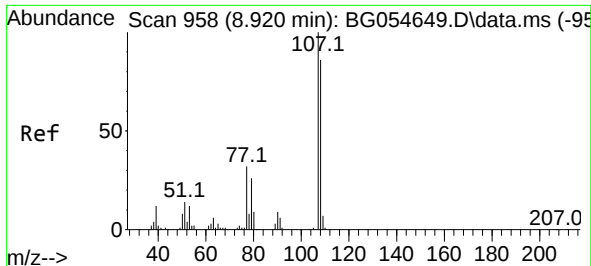


#17
N-Nitroso-di-n-propylamine
Concen: 18.766 ng/ul
RT: 8.966 min Scan# 966
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07



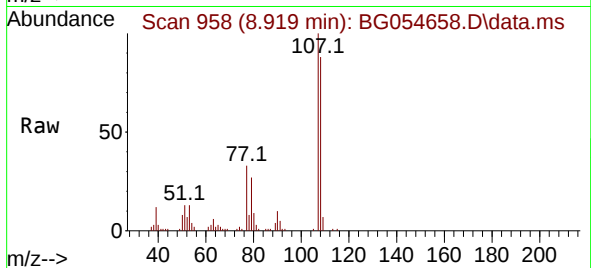
Tgt Ion: 70 Resp: 48410
Ion Ratio Lower Upper
70 100
42 60.0 49.6 74.4
101 9.4 6.6 10.0
130 21.1 15.7 23.5



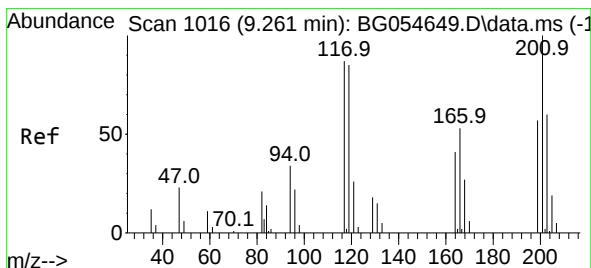
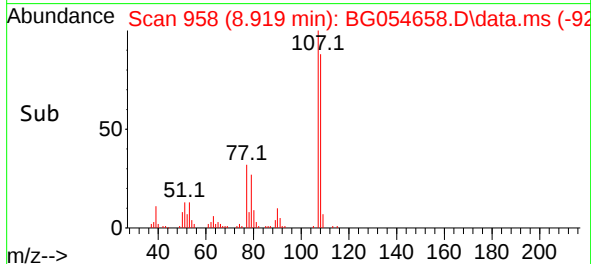
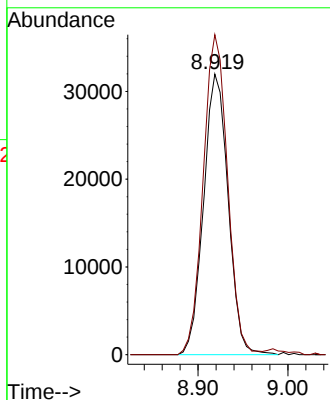


#18
4-Methylphenol
Concen: 18.988 ng/ul
RT: 8.919 min Scan# 91
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Instrument :
BNA_G
ClientSampleId :

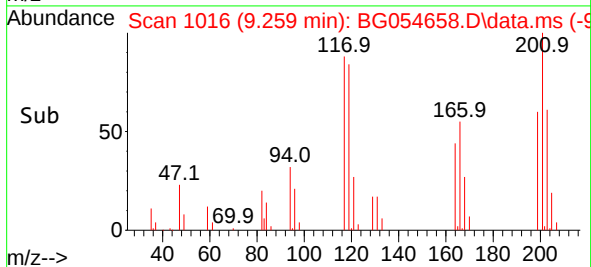
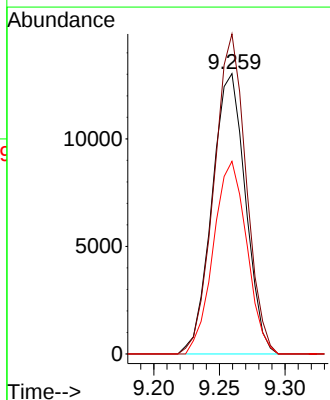
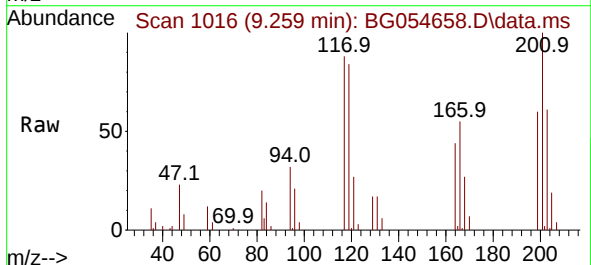


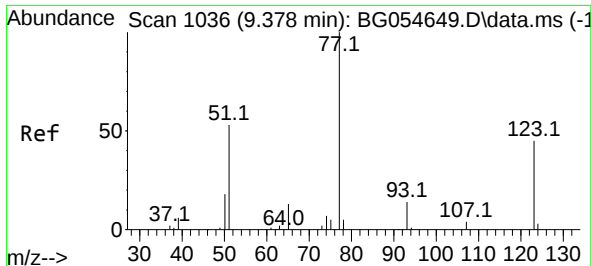
Tgt Ion:108 Resp: 60762
Ion Ratio Lower Upper
108 100
107 114.0 92.5 138.7



#19
Hexachloroethane
Concen: 18.539 ng/ul
RT: 9.259 min Scan# 1016
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:117 Resp: 23108
Ion Ratio Lower Upper
117 100
201 114.1 92.7 139.1
199 68.7 57.5 86.3





#22

Nitrobenzene

Concen: 19.267 ng/ul

RT: 9.377 min Scan# 1036

Delta R.T. -0.004 min

Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

Instrument :

BNA_G

ClientSampleId :

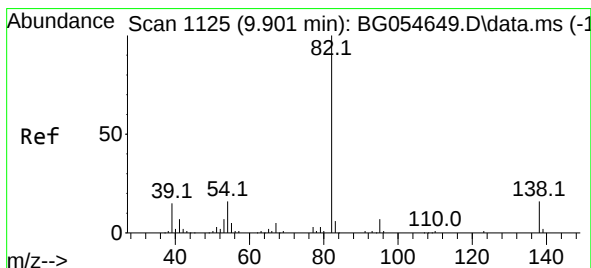
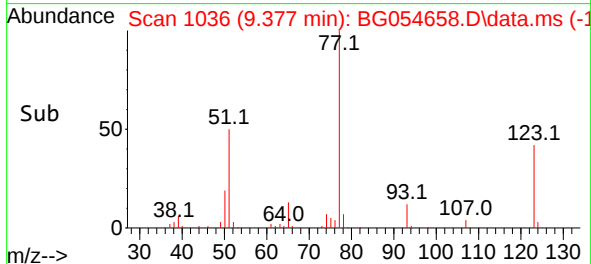
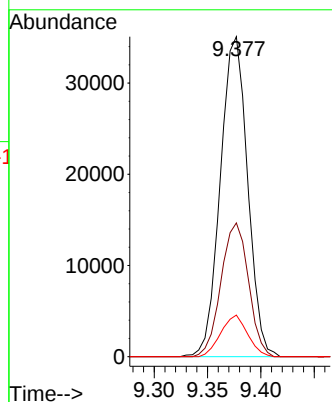
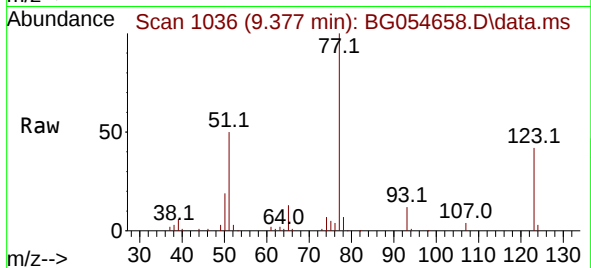
Tgt Ion: 77 Resp: 62406

Ion Ratio Lower Upper

77 100

123 41.8 31.6 47.4

65 13.0 9.0 13.6



#23

Isophorone

Concen: 18.759 ng/ul

RT: 9.900 min Scan# 1125

Delta R.T. -0.004 min

Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

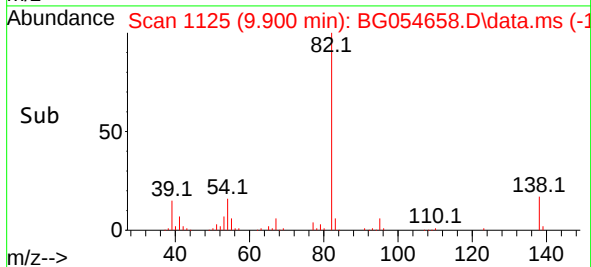
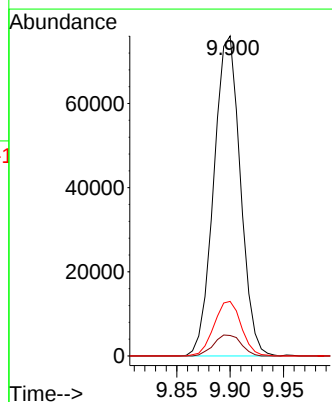
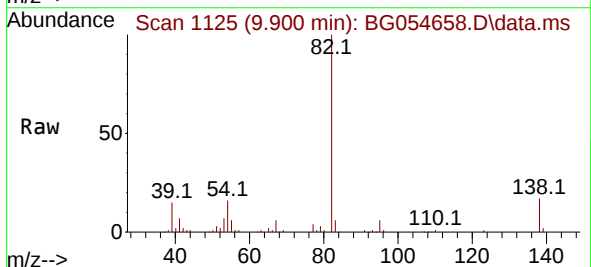
Tgt Ion: 82 Resp: 131655

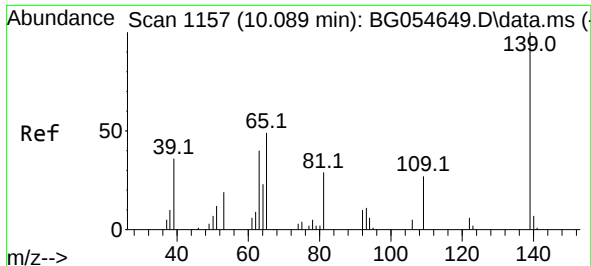
Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.0

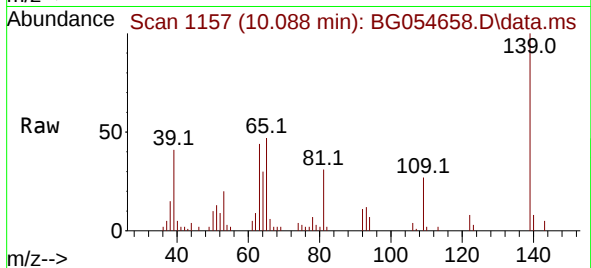
138 17.0 13.2 19.8



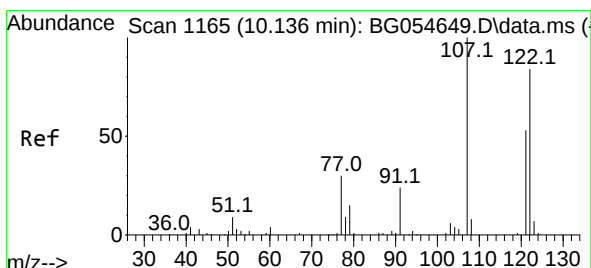
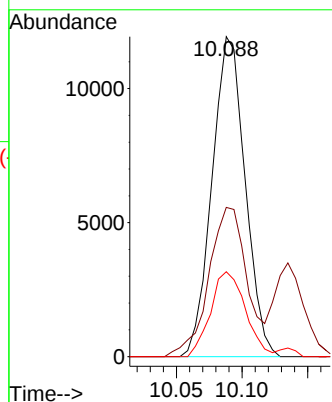
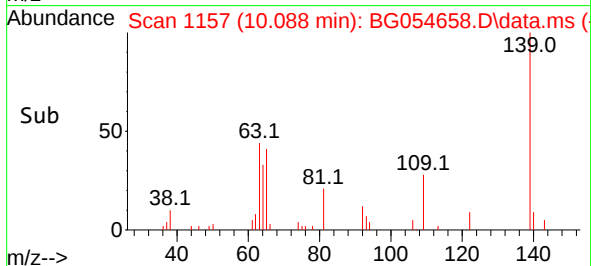


#25
2-Nitrophenol
Concen: 16.115 ng/ul
RT: 10.088 min Scan# 1157
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

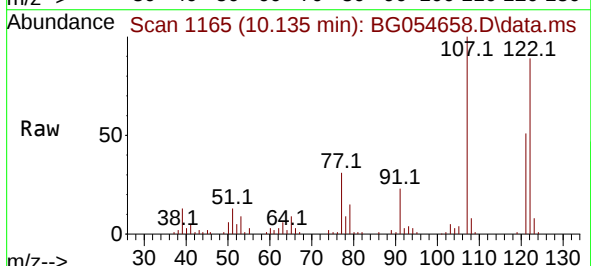
Instrument :
BNA_G
ClientSampleId :



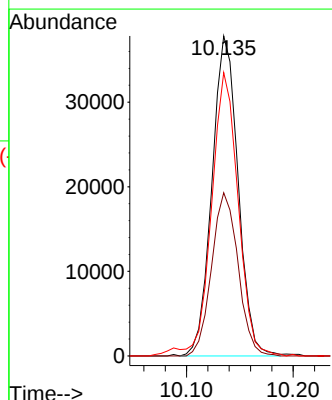
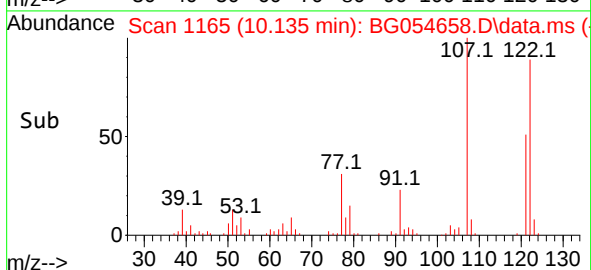
Tgt Ion	Ratio	Lower	Upper
139	100		
65	46.7	40.8	61.2
109	26.6	24.2	36.2

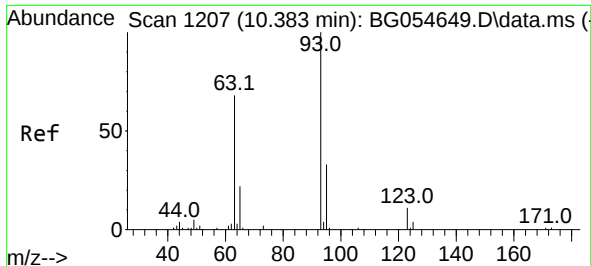


#26
2,4-Dimethylphenol
Concen: 18.510 ng/ul
RT: 10.135 min Scan# 1165
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07



Tgt Ion	Ratio	Lower	Upper
107	100		
121	51.0	42.1	63.1
122	88.5	70.6	105.8





#27

Bis(2-Chloroethoxy)methane

Concen: 18.841 ng/ul

RT: 10.382 min Scan# 1207

Delta R.T. -0.004 min

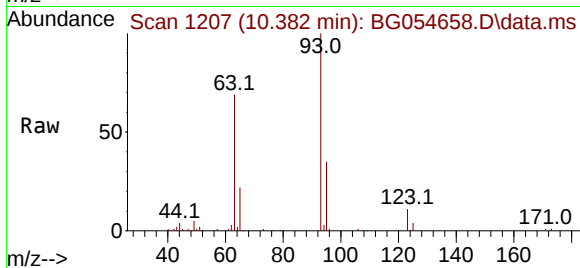
Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

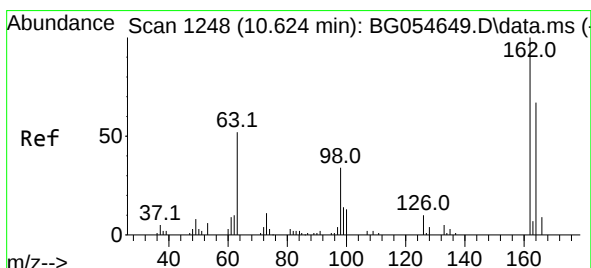
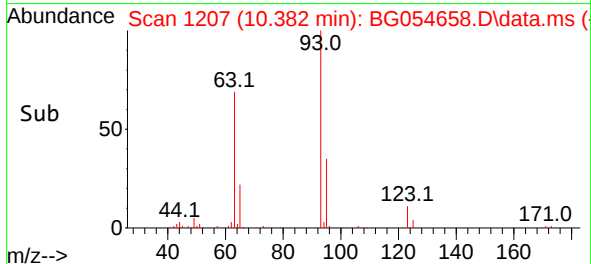
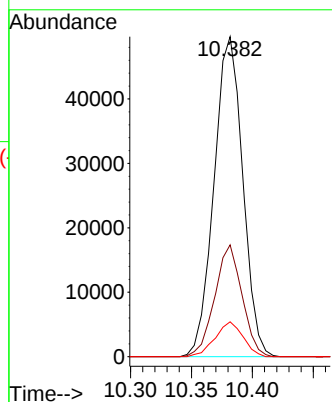
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	93	Resp:	81425
Ion	Ratio	Lower	Upper
93	100		
95	34.9	26.0	39.0
123	10.9	9.0	13.6



#29

2,4-Dichlorophenol

Concen: 19.157 ng/ul

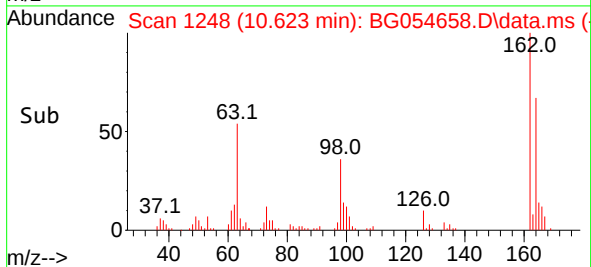
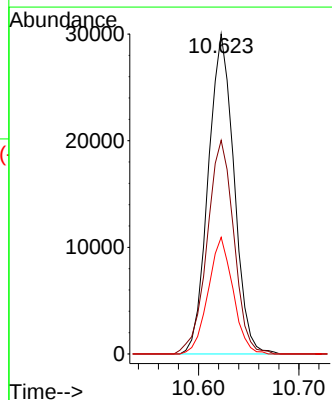
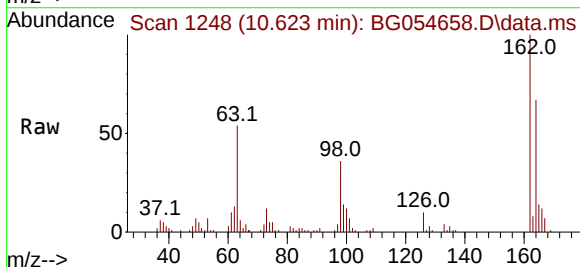
RT: 10.623 min Scan# 1248

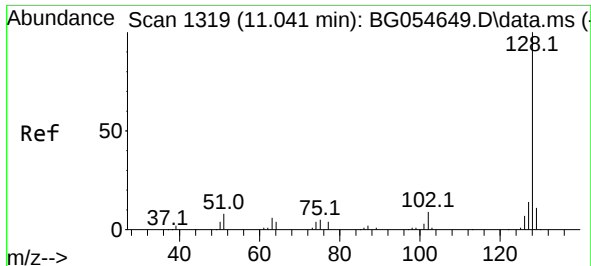
Delta R.T. -0.004 min

Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

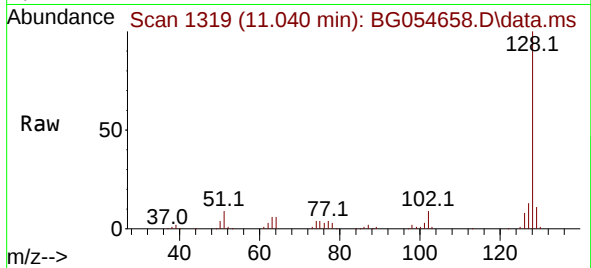
Tgt Ion:	162	Resp:	53439
Ion	Ratio	Lower	Upper
162	100		
164	66.8	55.7	83.5
98	36.4	29.1	43.7



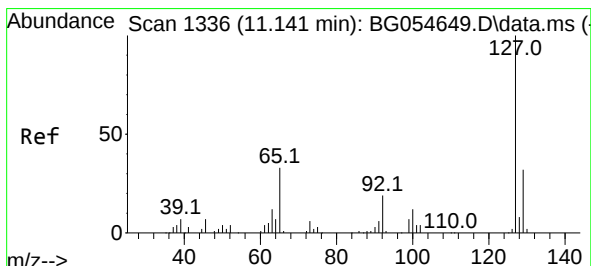
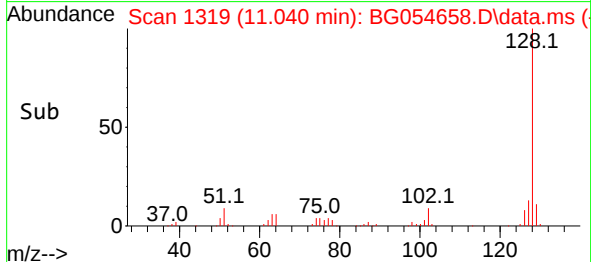
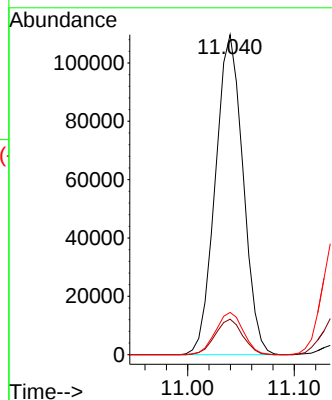


#30
Naphthalene
Concen: 19.545 ng/ul
RT: 11.040 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Instrument :
BNA_G
ClientSampleId :

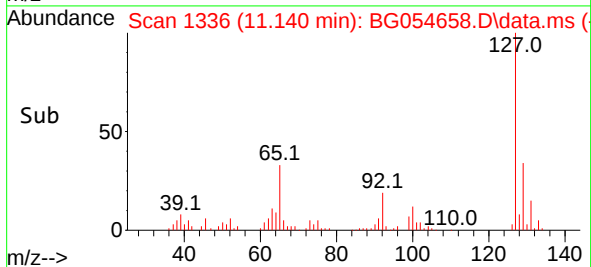
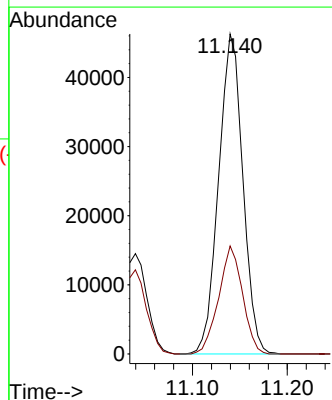
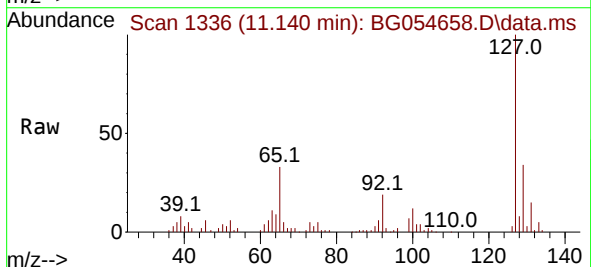


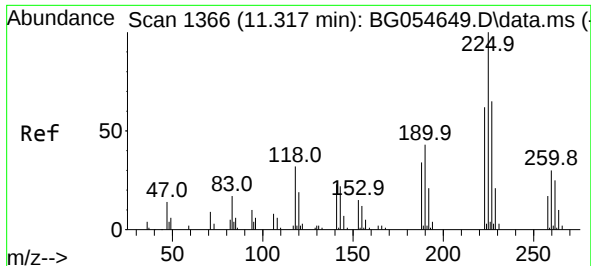
Tgt Ion:128 Resp: 197721
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.7 16.1



#32
4-Chloroaniline
Concen: 19.388 ng/ul
RT: 11.140 min Scan# 1336
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:127 Resp: 82297
Ion Ratio Lower Upper
127 100
129 33.8 24.4 36.6

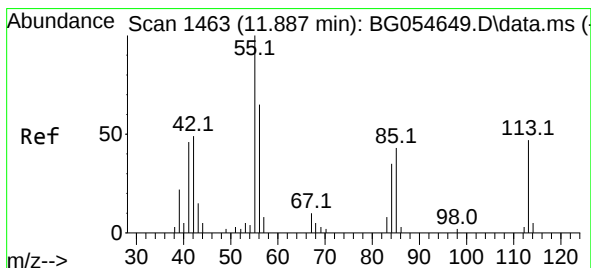
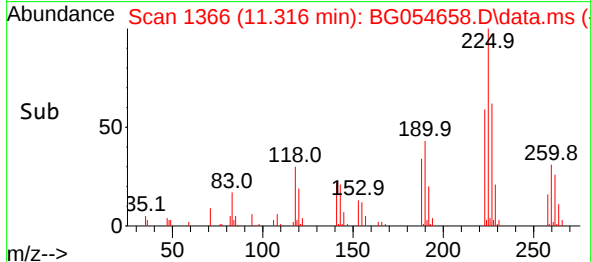
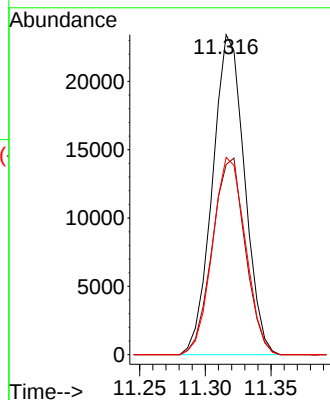
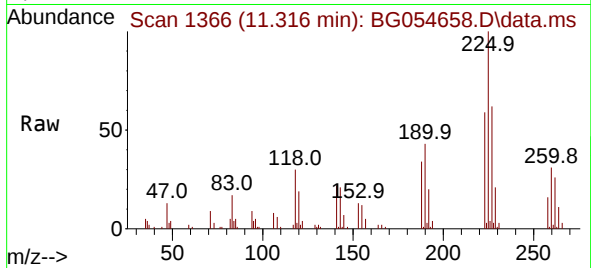




#33
Hexachlorobutadiene
Concen: 19.038 ng/ul
RT: 11.316 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

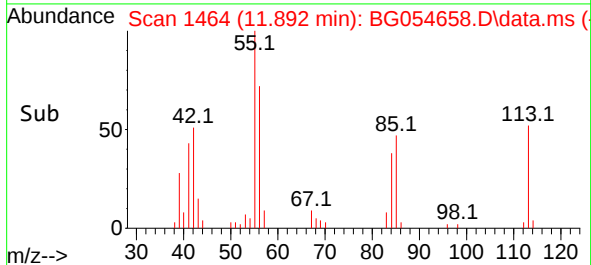
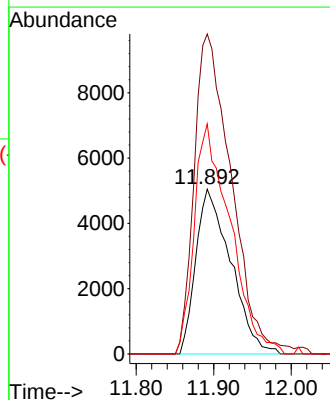
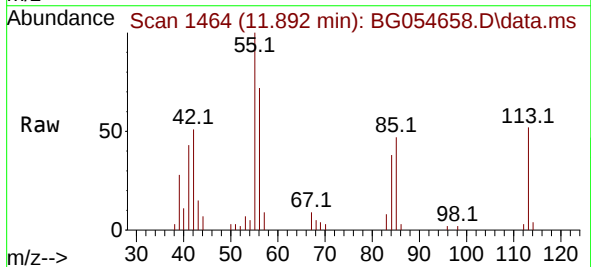
Instrument :
BNA_G
ClientSampleId :

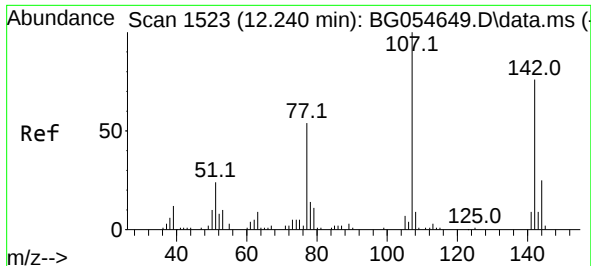
Tgt Ion:225 Resp: 39836
Ion Ratio Lower Upper
225 100
223 59.4 51.5 77.3
227 61.7 53.1 79.7



#34
Caprolactam
Concen: 16.581 ng/ul
RT: 11.892 min Scan# 1464
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

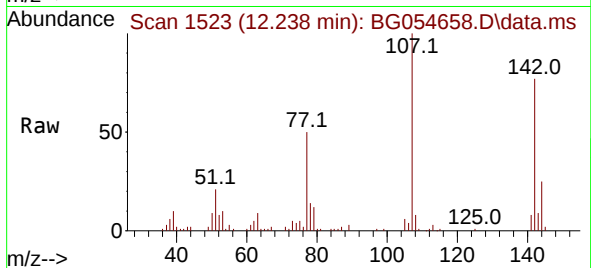
Tgt Ion:113 Resp: 15784
Ion Ratio Lower Upper
113 100
55 194.1 171.4 257.0
56 139.6 116.2 174.4



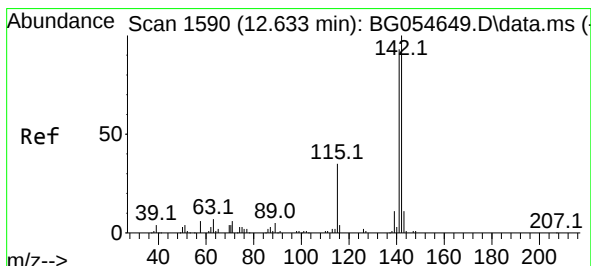
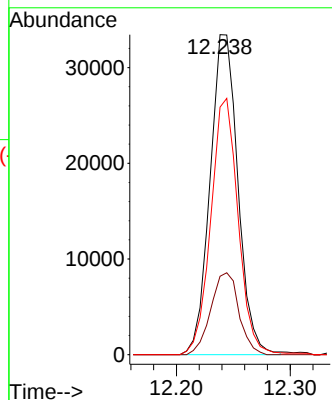
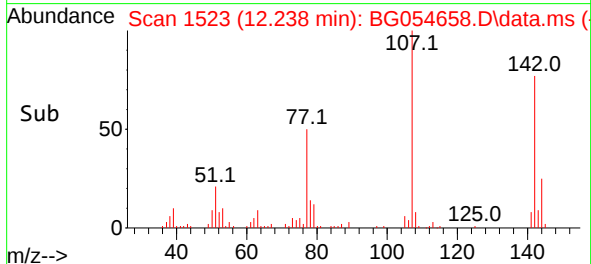


#35
4-Chloro-3-methylphenol
Concen: 18.738 ng/ul
RT: 12.238 min Scan# 1523
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

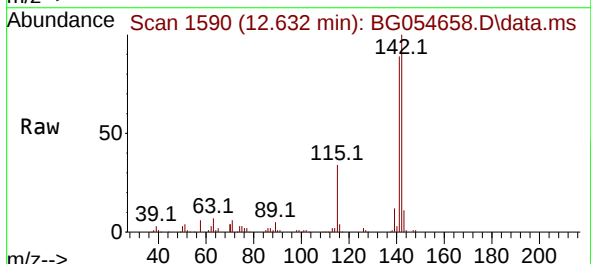
Instrument :
BNA_G
ClientSampleId :



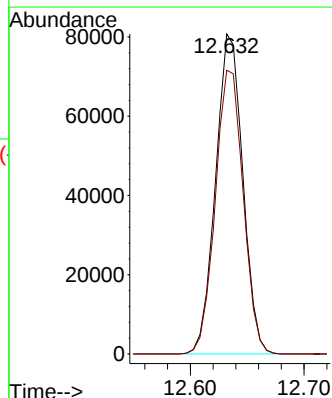
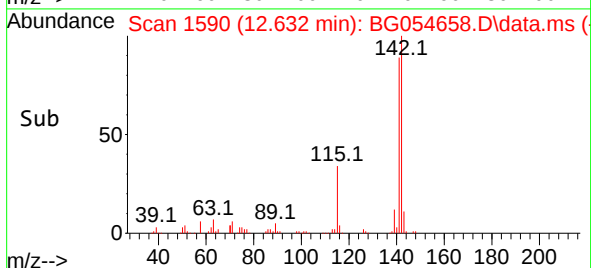
Tgt Ion:107 Resp: 57000
Ion Ratio Lower Upper
107 100
144 24.5 21.2 31.8
142 77.4 63.4 95.0

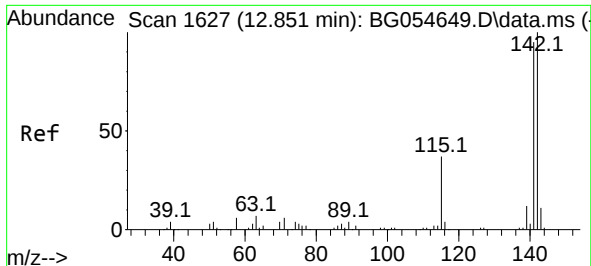


#36
2-Methylnaphthalene
Concen: 19.461 ng/ul
RT: 12.632 min Scan# 1590
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07



Tgt Ion:142 Resp: 134327
Ion Ratio Lower Upper
142 100
141 88.7 73.0 109.6





#37

1-Methylnaphthalene

Concen: 19.591 ng/ul

RT: 12.849 min Scan# 1

Delta R.T. -0.004 min

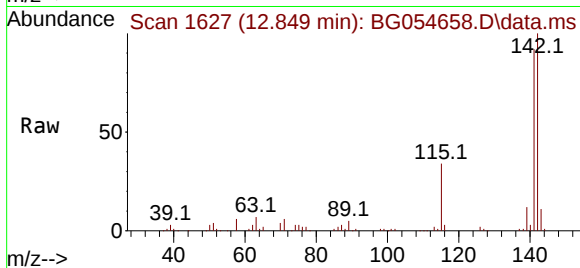
Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

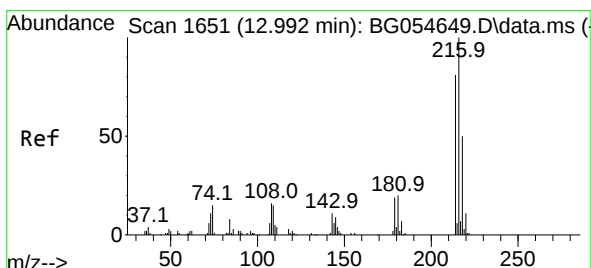
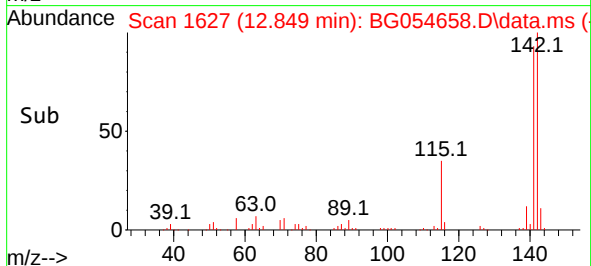
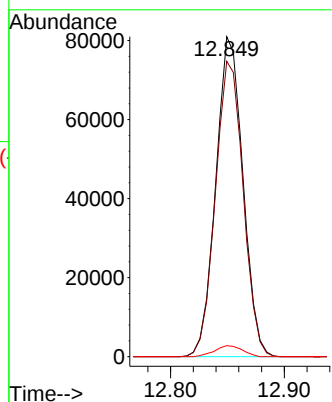
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	142	Resp:	134351
Ion Ratio	Lower	Upper	
142	100		
141	92.3	75.0	112.4
116	3.5	3.3	4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.207 ng/ul

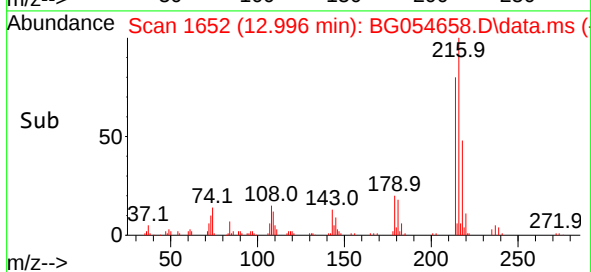
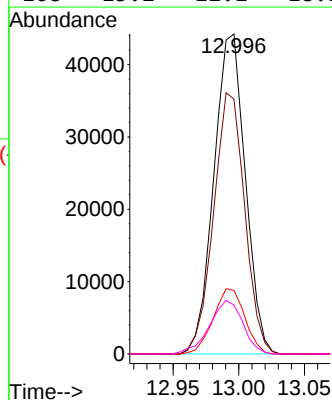
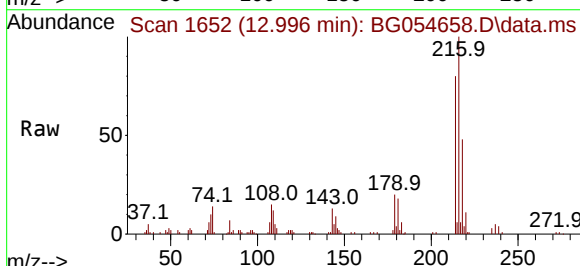
RT: 12.996 min Scan# 1652

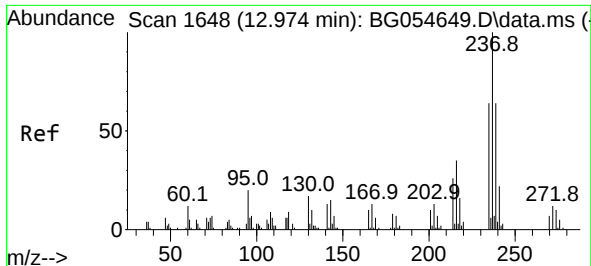
Delta R.T. 0.002 min

Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

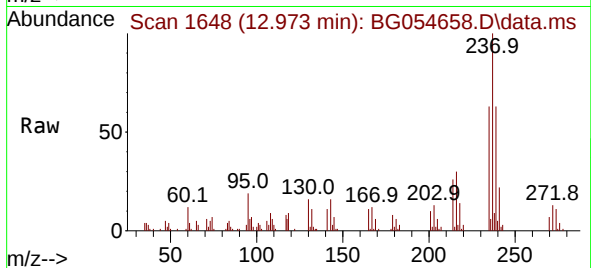
Tgt Ion:	216	Resp:	73746
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.7	95.5
179	19.8	15.8	23.6
108	15.2	12.1	18.1



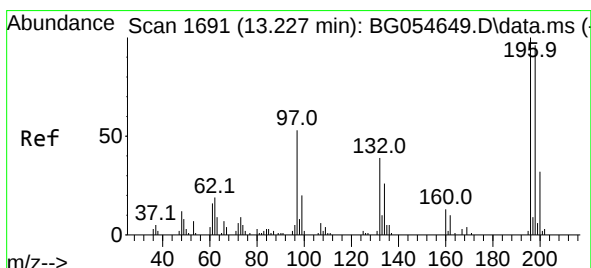
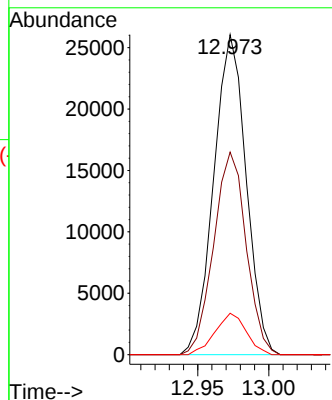
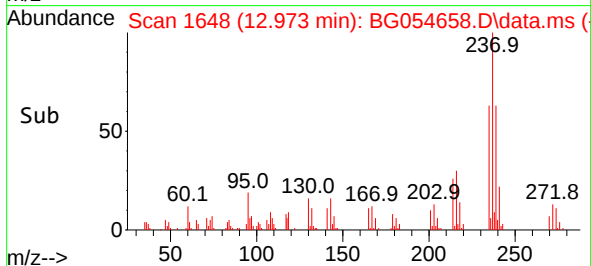


#40
Hexachlorocyclopentadiene
Concen: 16.943 ng/ul
RT: 12.973 min Scan# 1648
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

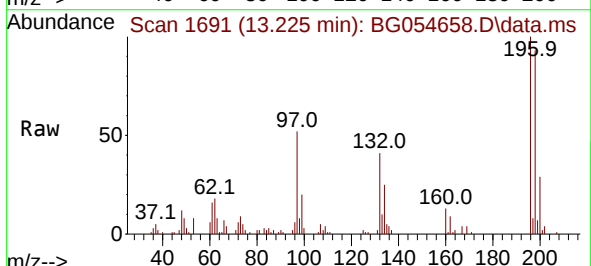
Instrument :
BNA_G
ClientSampleId :



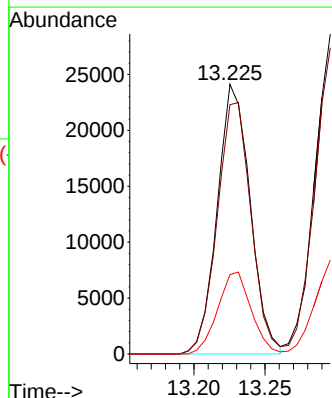
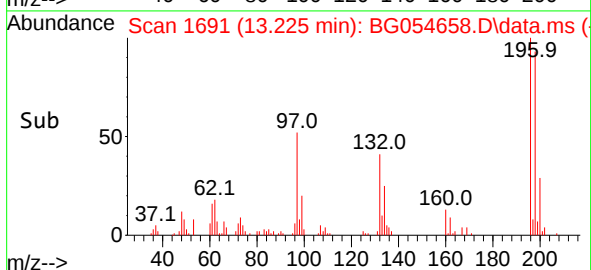
Tgt Ion:237 Resp: 41286
Ion Ratio Lower Upper
237 100
235 63.3 50.9 76.3
272 12.9 11.3 16.9

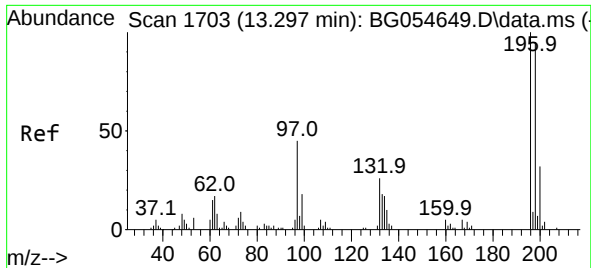


#41
2,4,6-Trichlorophenol
Concen: 17.247 ng/ul
RT: 13.225 min Scan# 1691
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07



Tgt Ion:196 Resp: 38873
Ion Ratio Lower Upper
196 100
198 92.5 77.5 116.3
200 29.5 23.4 35.2

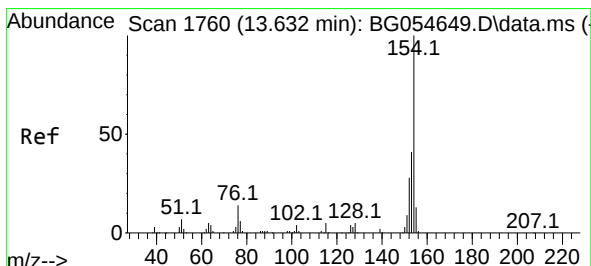
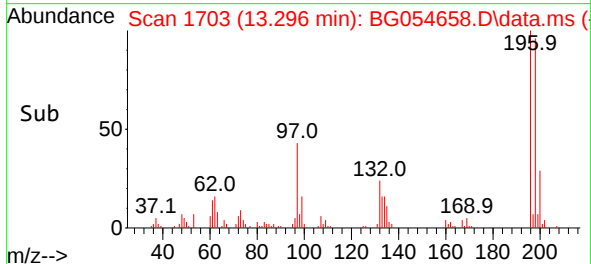
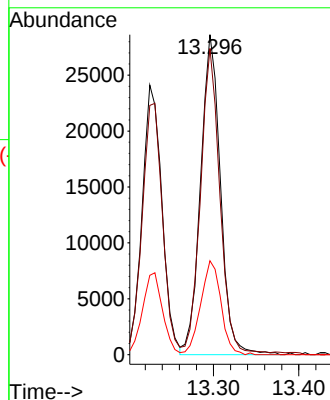
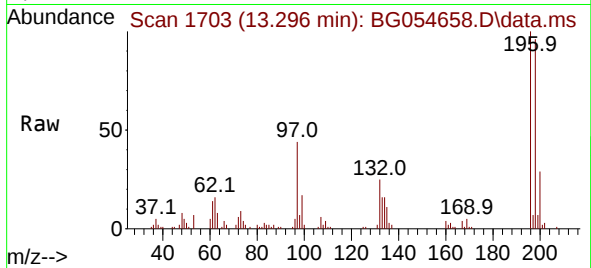




#42
2,4,5-Trichlorophenol
Concen: 18.899 ng/ul
RT: 13.296 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

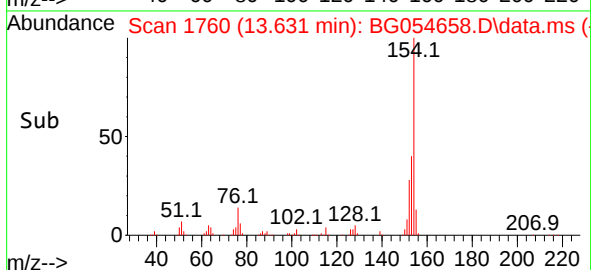
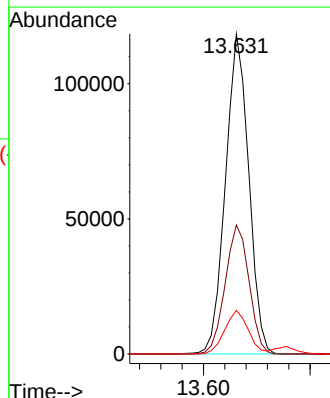
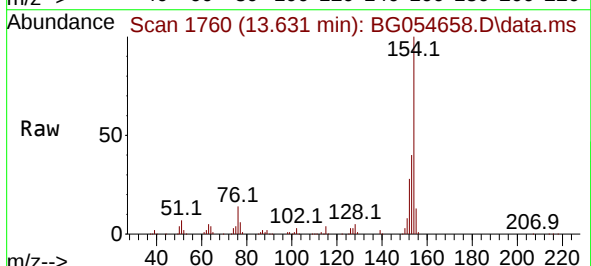
Instrument :
BNA_G
ClientSampleId :

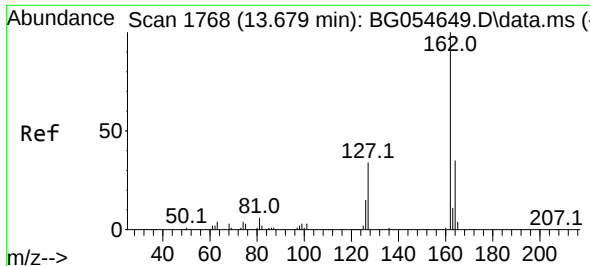
Tgt Ion:196 Resp: 46379
Ion Ratio Lower Upper
196 100
198 95.7 78.2 117.2
200 29.4 25.4 38.0



#43
1,1'-Biphenyl
Concen: 19.691 ng/ul
RT: 13.631 min Scan# 1760
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

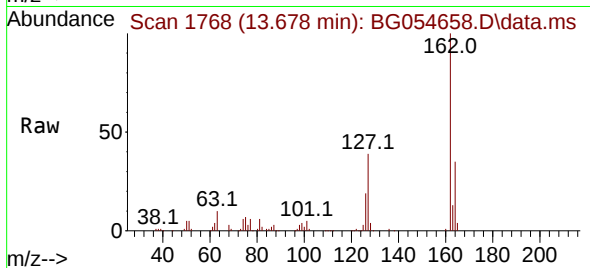
Tgt Ion:154 Resp: 179356
Ion Ratio Lower Upper
154 100
153 40.3 33.8 50.6
76 13.6 11.0 16.6



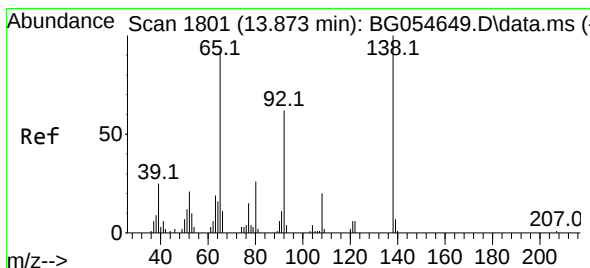
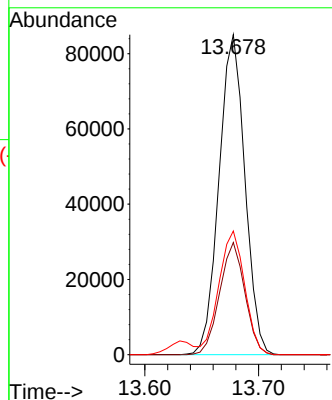
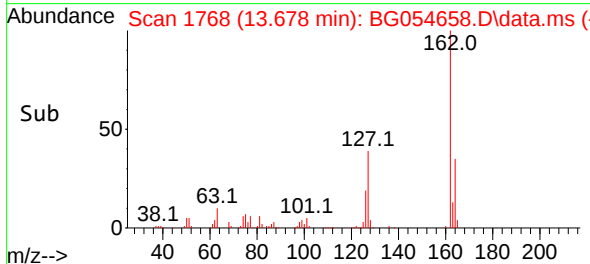


#44
2-Chloronaphthalene
Concen: 19.504 ng/ul
RT: 13.678 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Instrument :
BNA_G
ClientSampleId :

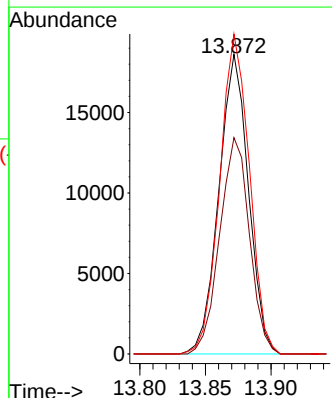
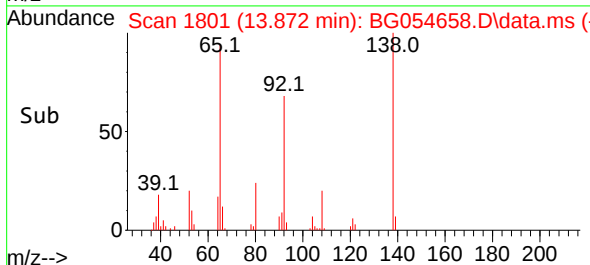
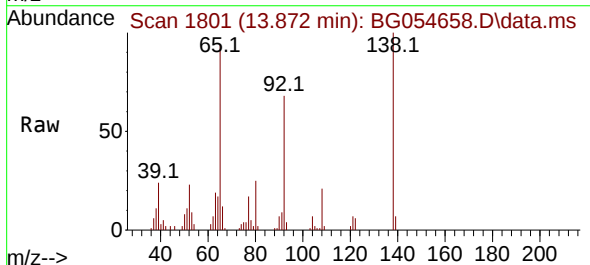


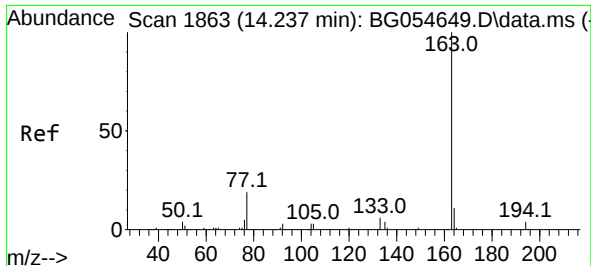
Tgt Ion:162 Resp: 134612
Ion Ratio Lower Upper
162 100
164 35.0 26.0 39.0
127 38.7 31.4 47.0



#45
2-Nitroaniline
Concen: 17.999 ng/ul
RT: 13.872 min Scan# 1801
Delta R.T. 0.002 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion: 65 Resp: 29142
Ion Ratio Lower Upper
65 100
92 72.2 55.3 82.9
138 106.8 78.8 118.2

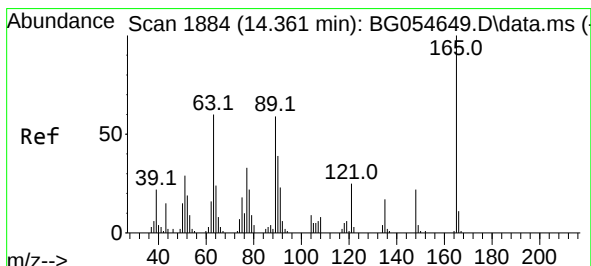
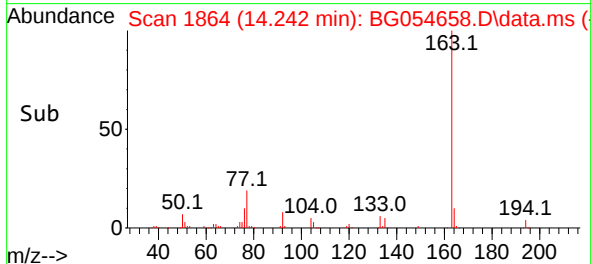
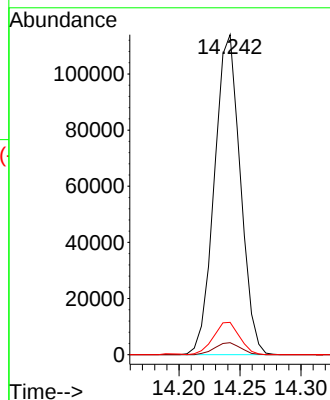
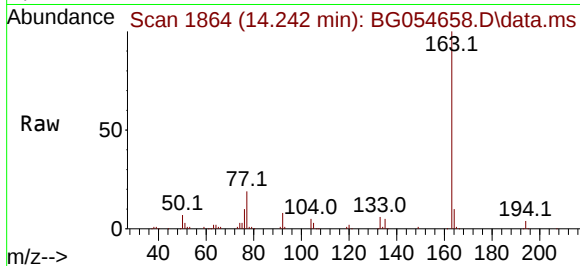




#47
Dimethylphthalate
Concen: 19.257 ng/ul
RT: 14.242 min Scan# 1864
Delta R.T. 0.002 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

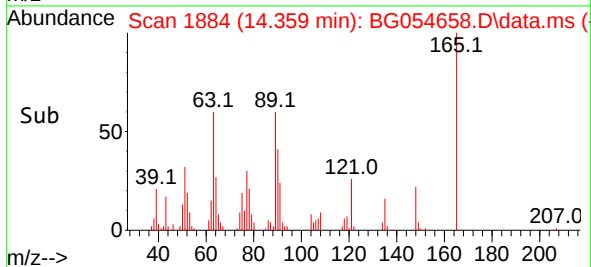
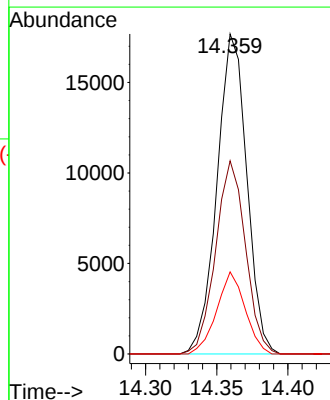
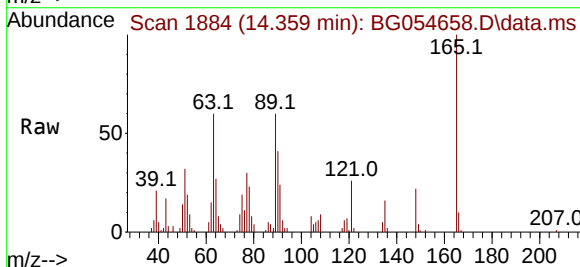
Instrument :
BNA_G
ClientSampleId :

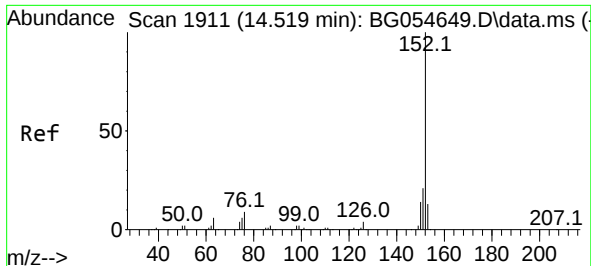
Tgt Ion:163 Resp: 168550
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.1 8.7 13.1



#48
2,6-Dinitrotoluene
Concen: 18.826 ng/ul
RT: 14.359 min Scan# 1884
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

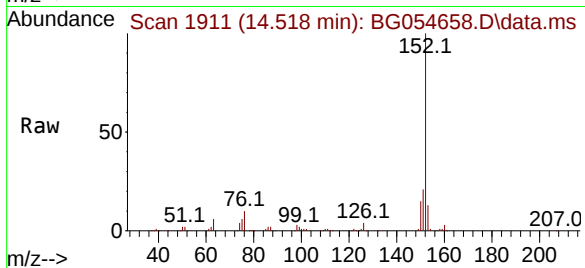
Tgt Ion:165 Resp: 25791
Ion Ratio Lower Upper
165 100
89 60.4 48.7 73.1
121 25.7 18.2 27.2



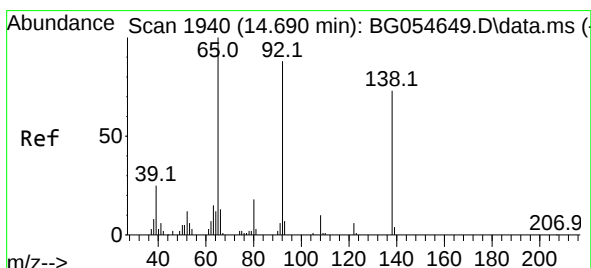
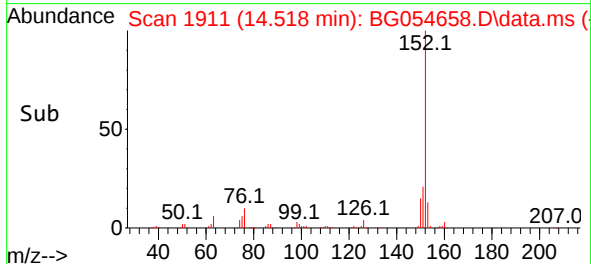
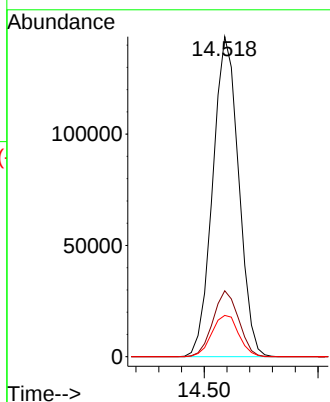


#50
Acenaphthylene
Concen: 19.824 ng/ul
RT: 14.518 min Scan# 1911
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Instrument :
BNA_G
ClientSampleId :

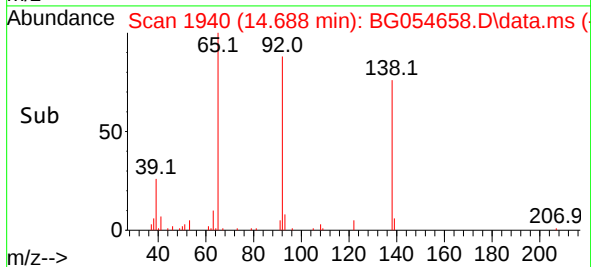
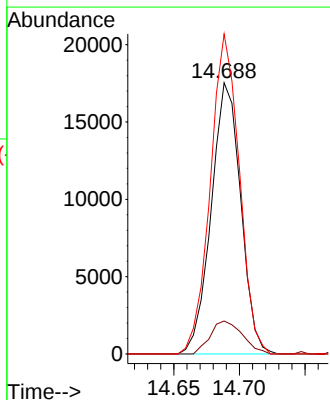
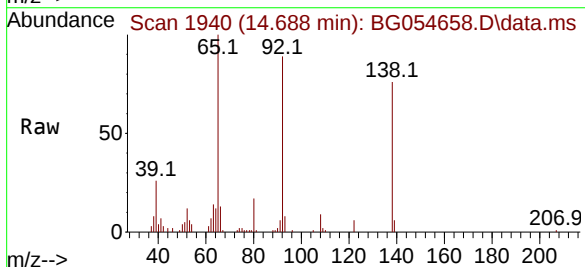


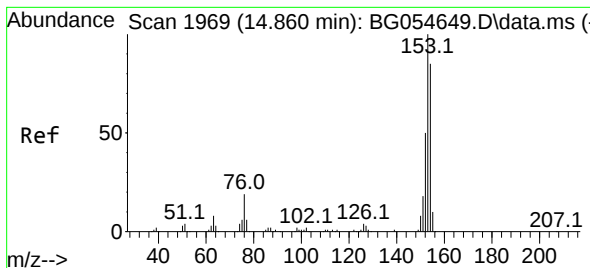
Tgt Ion:152 Resp: 227744
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 12.9 10.5 15.7



#51
3-Nitroaniline
Concen: 18.810 ng/ul
RT: 14.688 min Scan# 1940
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:138 Resp: 27413
Ion Ratio Lower Upper
138 100
108 12.2 12.8 19.2#
92 118.0 93.7 140.5





#52

Acenaphthene

Concen: 19.409 ng/ul

RT: 14.859 min Scan# 1969

Delta R.T. 0.002 min

Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

Instrument :

BNA_G

ClientSampleId :

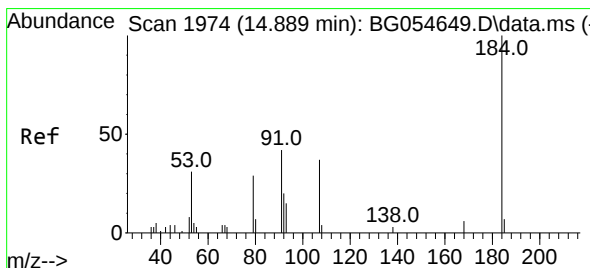
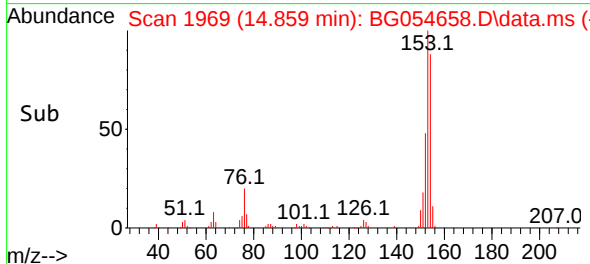
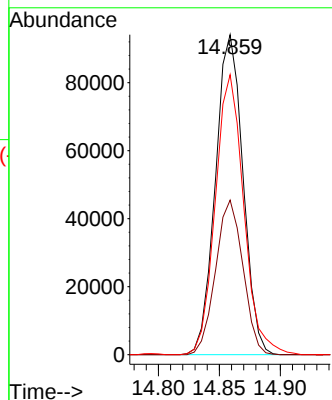
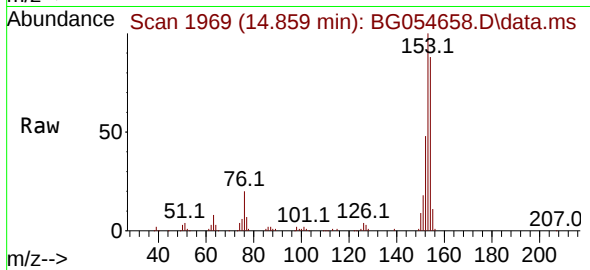
Tgt Ion:153 Resp: 148186

Ion Ratio Lower Upper

153 100

152 48.3 36.9 55.3

154 87.5 68.2 102.2



#53

2,4-Dinitrophenol

Concen: 13.960 ng/ul

RT: 14.888 min Scan# 1974

Delta R.T. -0.004 min

Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

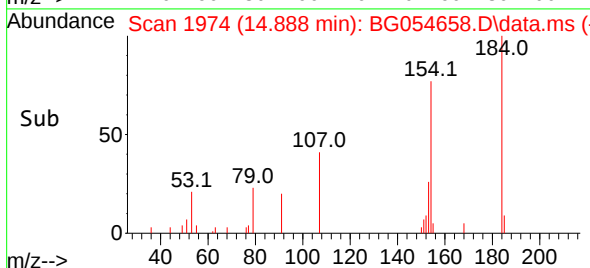
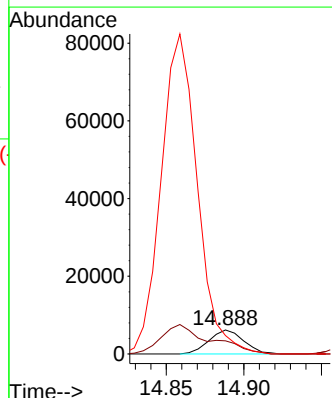
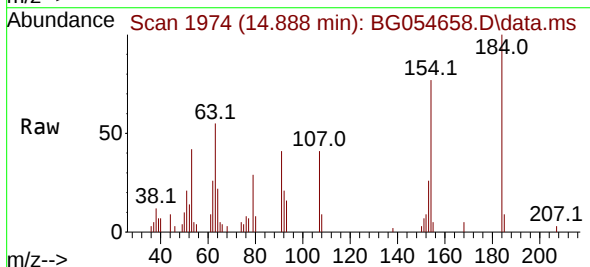
Tgt Ion:184 Resp: 9547

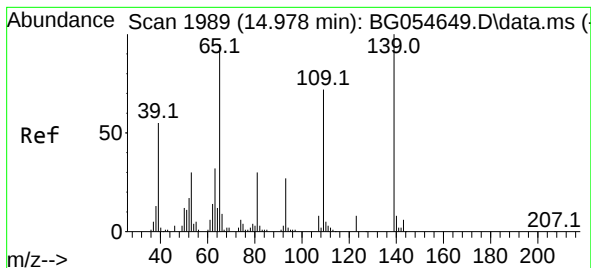
Ion Ratio Lower Upper

184 100

63 54.9 42.0 63.0

154 76.9 48.9 73.3#

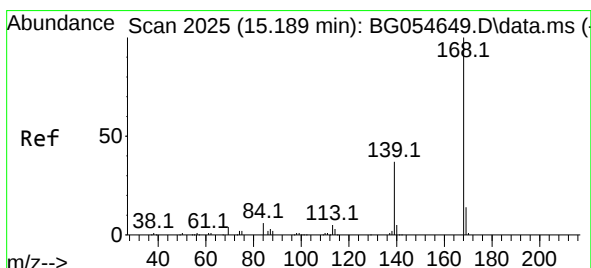
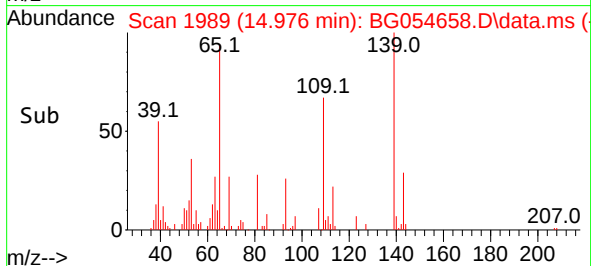
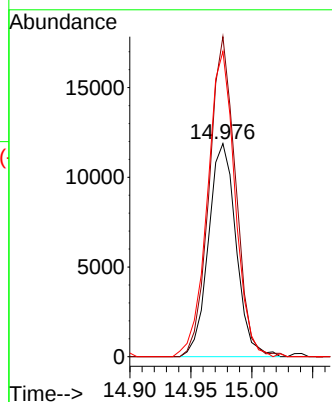
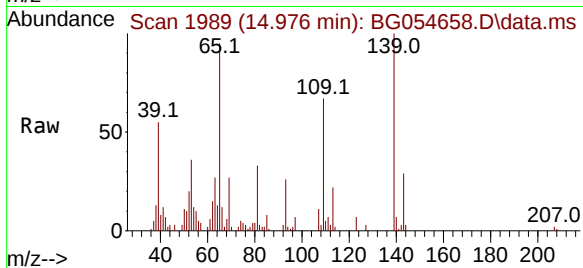




#55
4-Nitrophenol
Concen: 16.592 ng/ul
RT: 14.976 min Scan# 1989
Delta R.T. 0.002 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

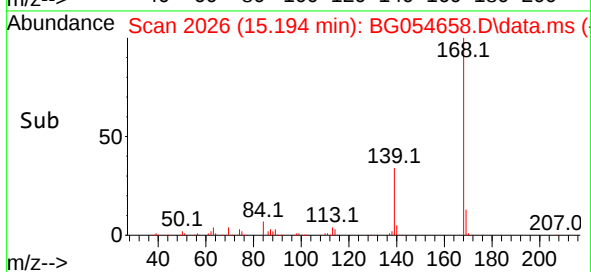
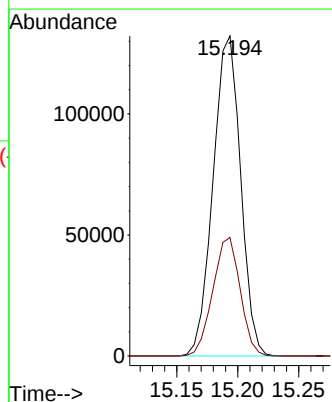
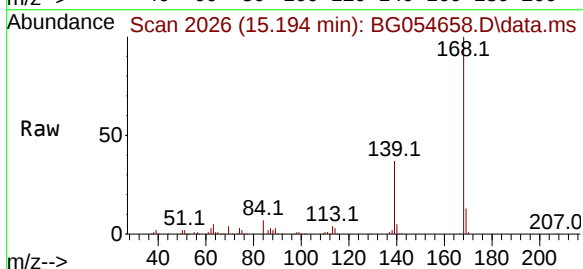
Instrument :
BNA_G
ClientSampleId :

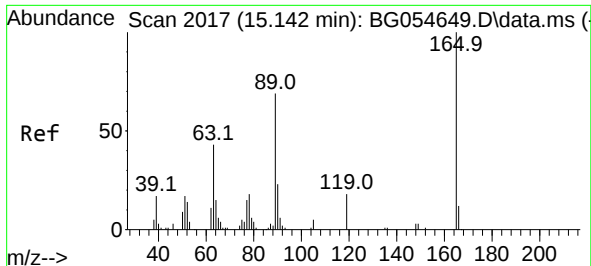
Tgt Ion:109 Resp: 18704
Ion Ratio Lower Upper
109 100
139 150.2 105.4 158.0
65 143.3 110.2 165.4



#56
Dibenzofuran
Concen: 19.739 ng/ul
RT: 15.194 min Scan# 2026
Delta R.T. 0.002 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:168 Resp: 207579
Ion Ratio Lower Upper
168 100
139 37.0 29.4 44.2

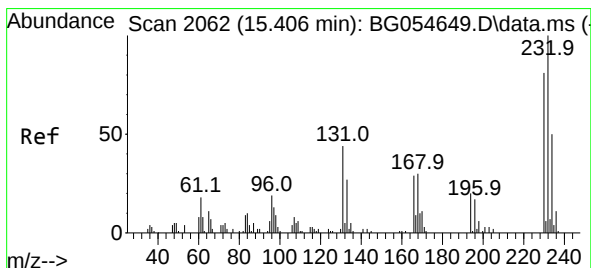
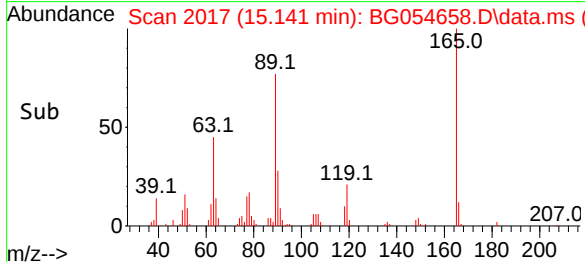
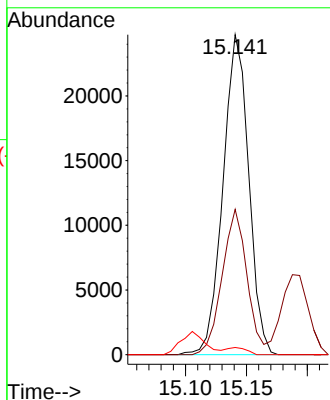
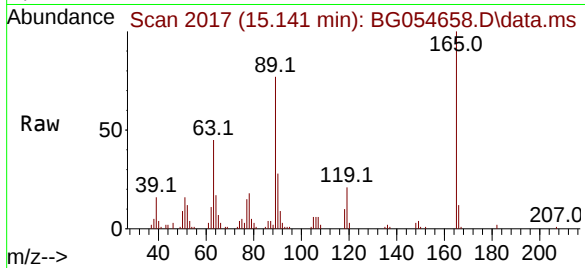




#57
2,4-Dinitrotoluene
Concen: 19.561 ng/ul
RT: 15.141 min Scan# 2017
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

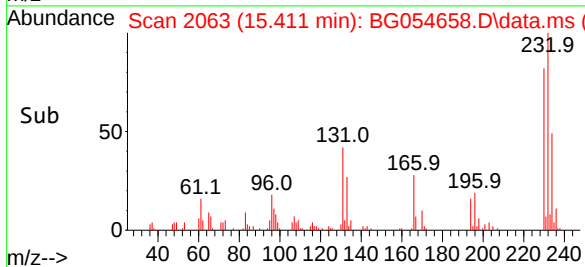
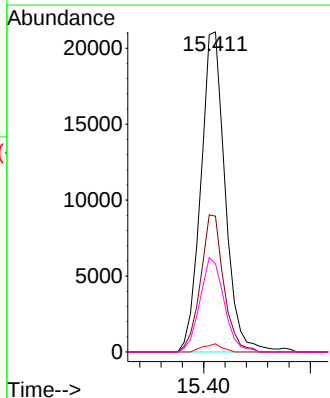
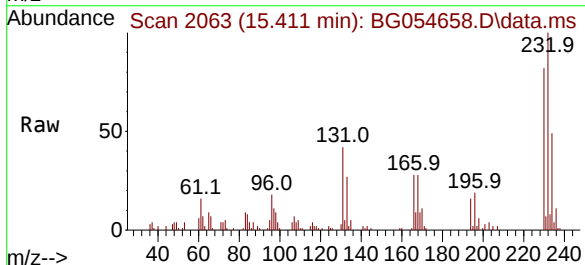
Instrument :
BNA_G
ClientSampleId :

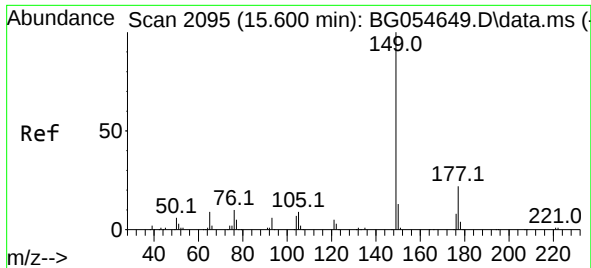
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.4	35.0	52.4
182	2.3	2.1	3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 16.889 ng/ul
RT: 15.411 min Scan# 2063
Delta R.T. 0.002 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

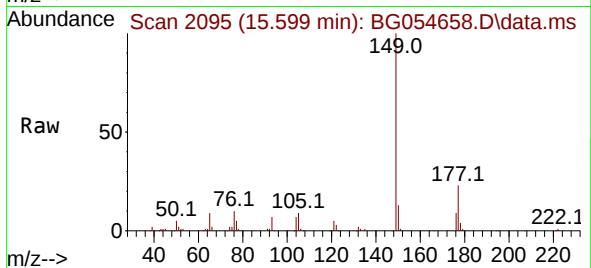
Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.4	33.8	50.8
130	2.5	2.0	3.0
166	27.6	24.4	36.6



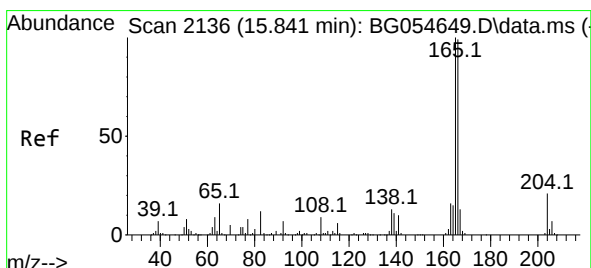
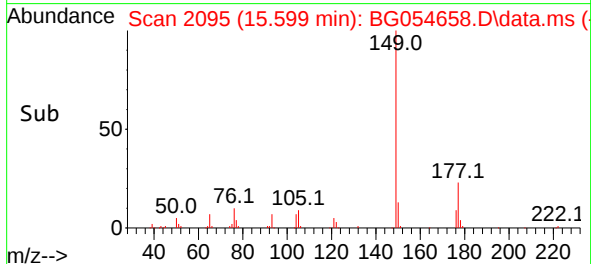
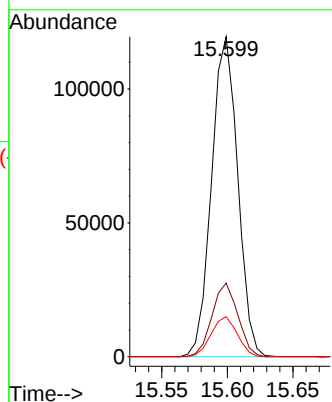


#59
Diethylphthalate
Concen: 19.054 ng/ul
RT: 15.599 min Scan# 2095
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Instrument :
BNA_G
ClientSampleId :

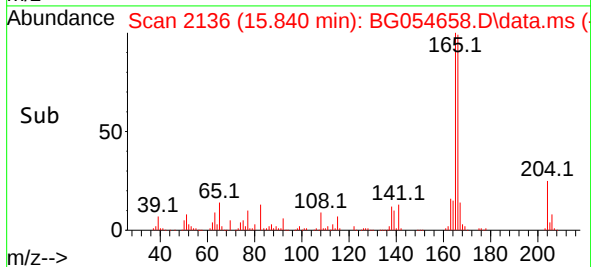
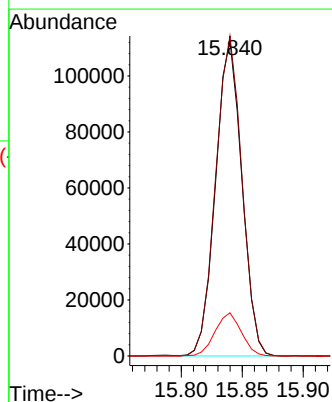
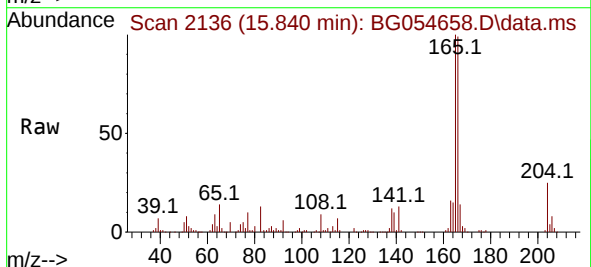


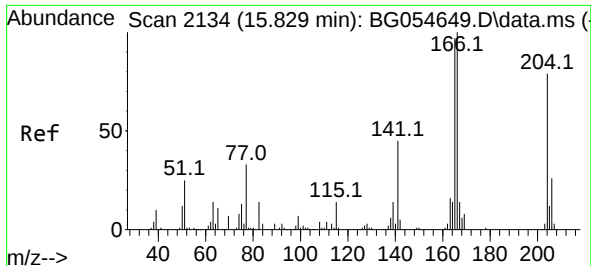
Tgt Ion:149 Resp: 165484
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.5 9.8 14.8



#61
Fluorene
Concen: 19.675 ng/ul
RT: 15.840 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:166 Resp: 168705
Ion Ratio Lower Upper
166 100
165 101.4 81.3 121.9
167 13.7 11.0 16.4

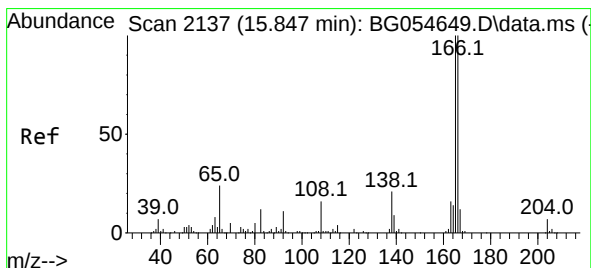
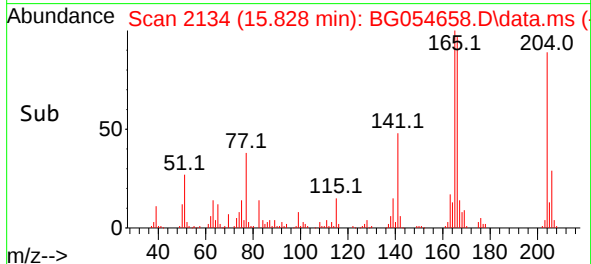
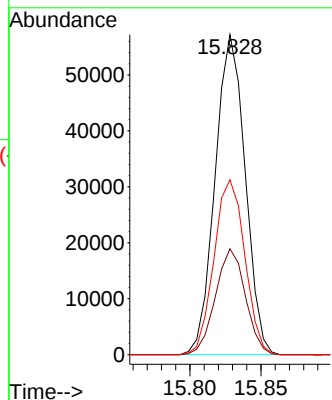
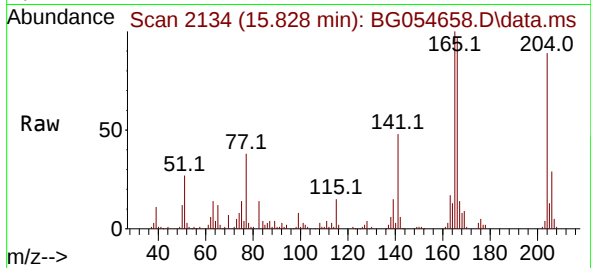




#62
4-Chlorophenyl-phenylether
Concen: 19.157 ng/ul
RT: 15.828 min Scan# 2134
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

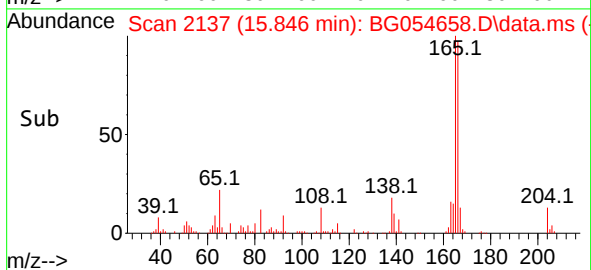
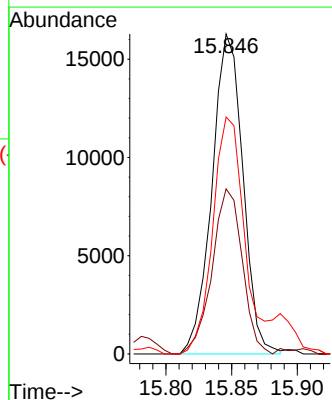
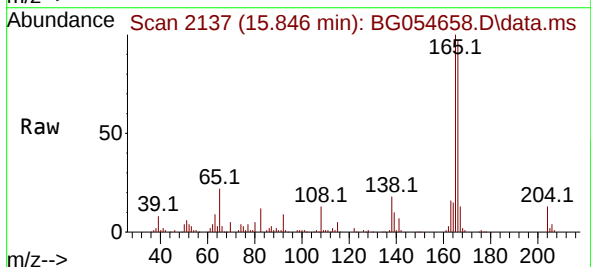
Instrument :
BNA_G
ClientSampleId :

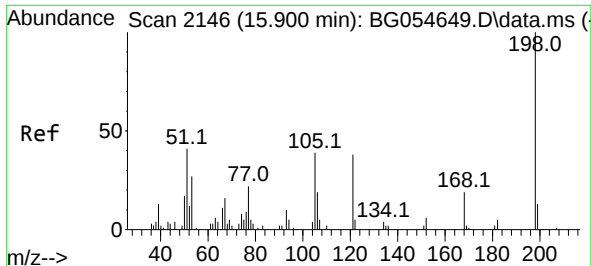
Tgt Ion:204 Resp: 84138
Ion Ratio Lower Upper
204 100
206 33.1 25.7 38.5
141 54.6 43.9 65.9



#63
4-Nitroaniline
Concen: 19.622 ng/ul
RT: 15.846 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:138 Resp: 26671
Ion Ratio Lower Upper
138 100
92 51.6 40.5 60.7
108 74.0 64.5 96.7

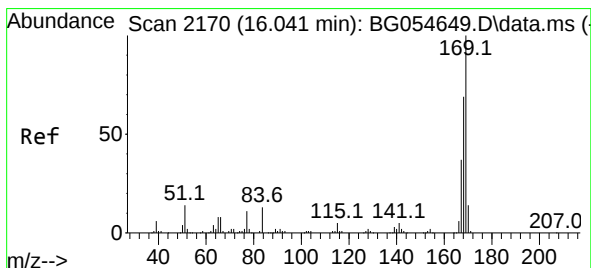
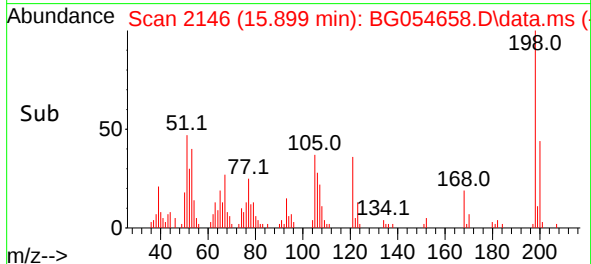
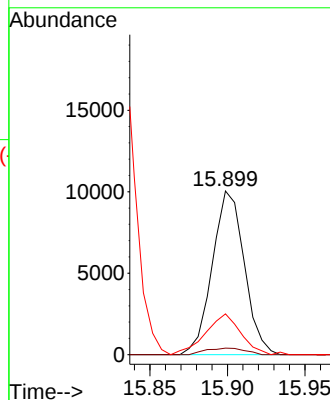
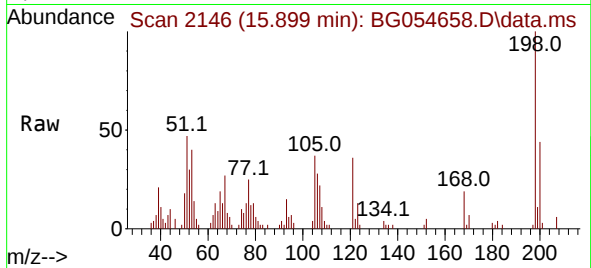




#66
 4,6-Dinitro-2-methylphenol
 Concen: 14.020 ng/ul
 RT: 15.899 min Scan# 2146
 Delta R.T. -0.004 min
 Lab File: BG054658.D
 Acq: 19 Aug 2022 9:07

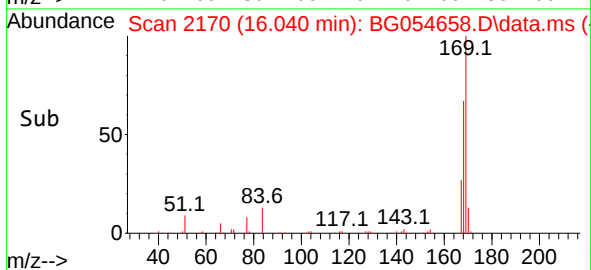
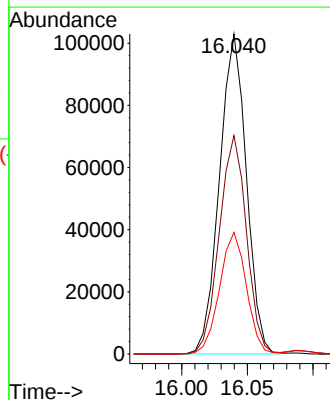
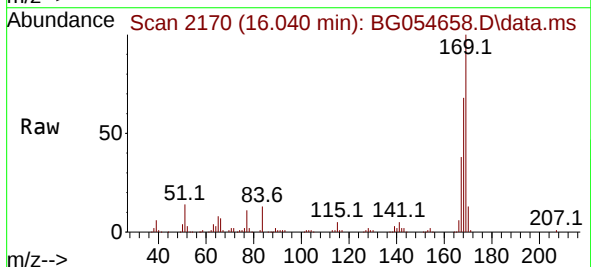
Instrument :
 BNA_G
 ClientSampleId :

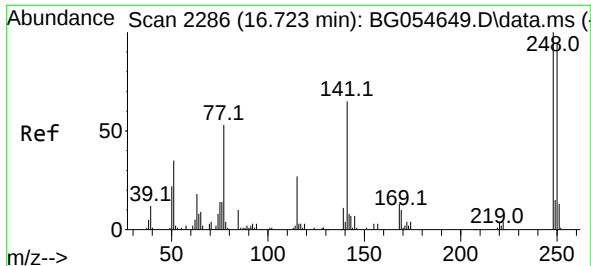
Tgt Ion:198 Resp: 14430
 Ion Ratio Lower Upper
 198 100
 182 4.0 4.0 6.0
 77 24.9 20.2 30.2



#67
 N-Nitrosodiphenylamine
 Concen: 19.164 ng/ul
 RT: 16.040 min Scan# 2170
 Delta R.T. -0.004 min
 Lab File: BG054658.D
 Acq: 19 Aug 2022 9:07

Tgt Ion:169 Resp: 146640
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.8 80.8
 167 38.0 29.4 44.0

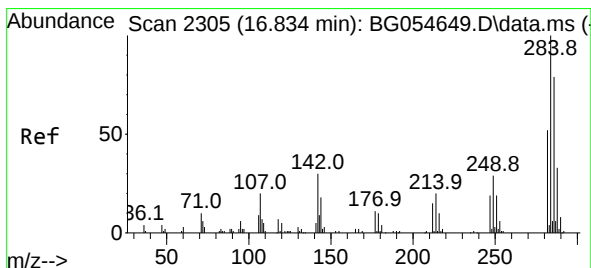
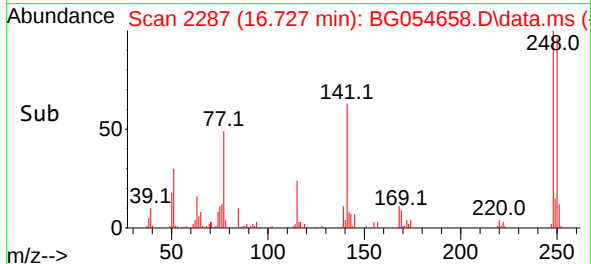
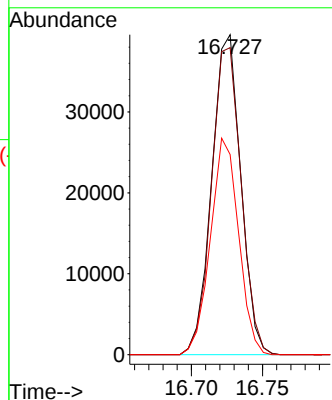
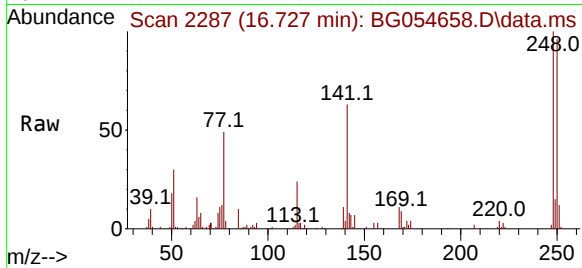




#68
4-Bromophenyl-phenylether
Concen: 19.255 ng/ul
RT: 16.727 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

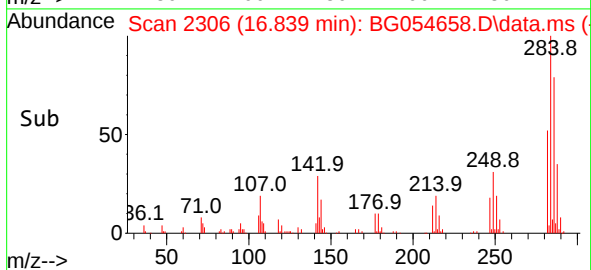
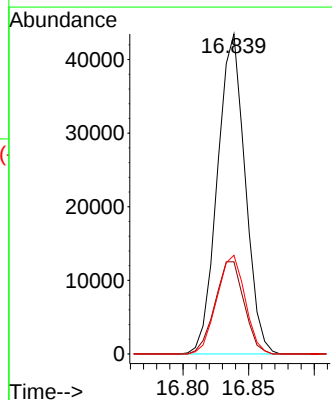
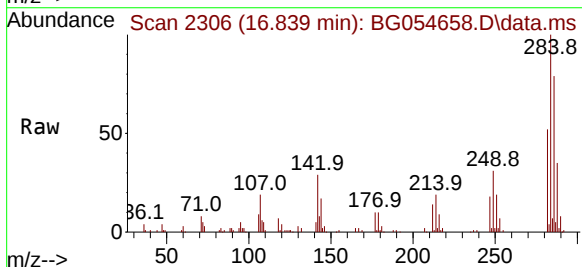
Instrument :
BNA_G
ClientSampleId :

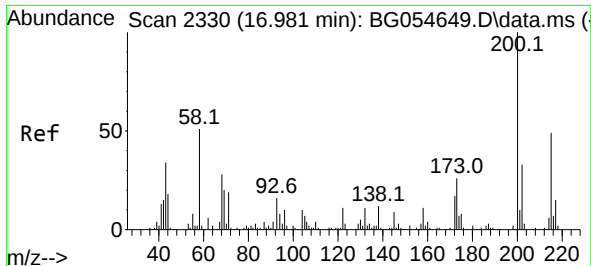
Tgt Ion:248 Resp: 56244
Ion Ratio Lower Upper
248 100
250 95.9 79.1 118.7
141 62.6 52.5 78.7



#69
Hexachlorobenzene
Concen: 19.181 ng/ul
RT: 16.839 min Scan# 2306
Delta R.T. 0.002 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:284 Resp: 63931
Ion Ratio Lower Upper
284 100
142 28.8 23.7 35.5
249 30.8 24.2 36.2

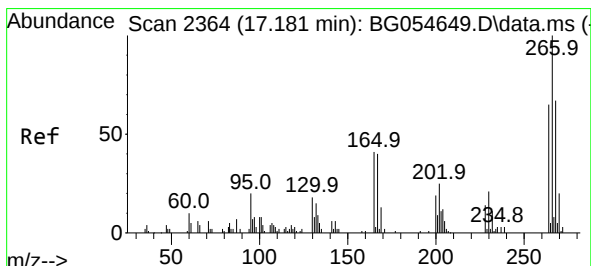
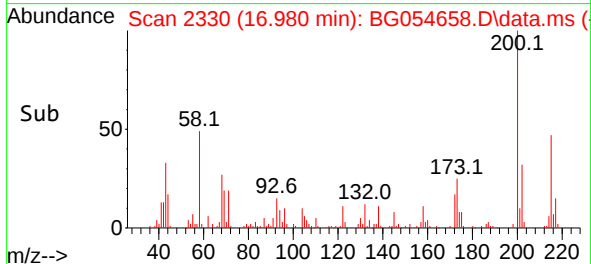
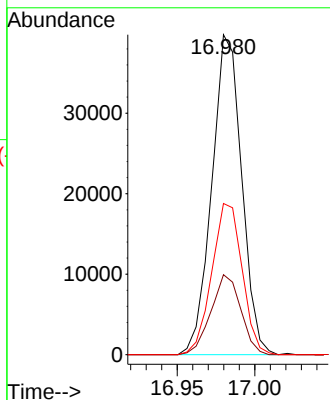
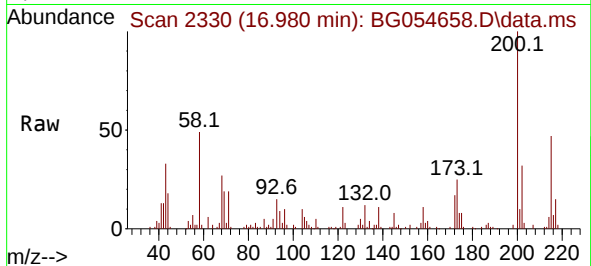




#70
Atrazine
Concen: 18.274 ng/ul
RT: 16.980 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

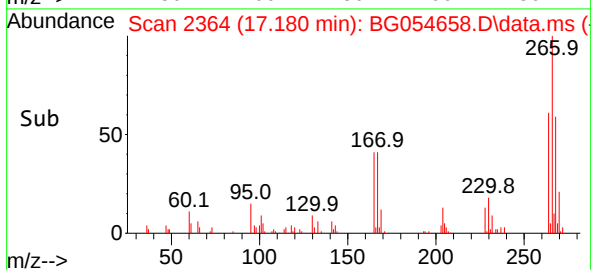
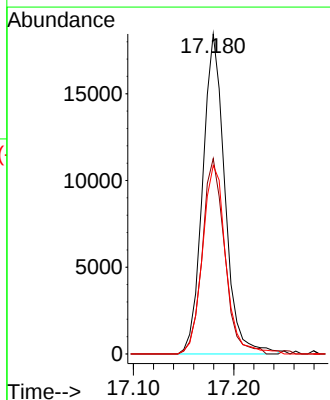
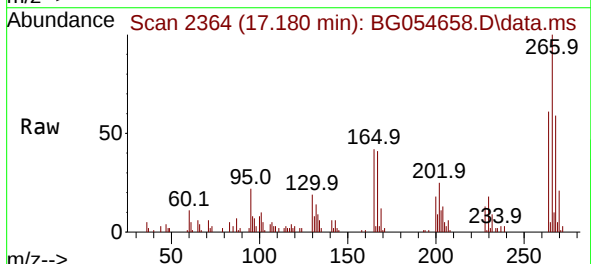
Instrument :
BNA_G
ClientSampleId :

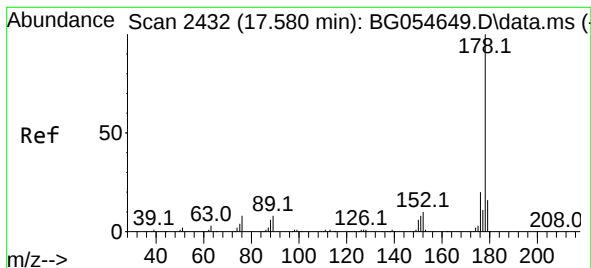
Tgt Ion:200 Resp: 53156
Ion Ratio Lower Upper
200 100
173 25.0 21.3 31.9
215 47.3 38.8 58.2



#71
Pentachlorophenol
Concen: 15.411 ng/ul
RT: 17.180 min Scan# 2364
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:266 Resp: 28383
Ion Ratio Lower Upper
266 100
264 61.1 53.8 80.8
268 58.9 52.8 79.2





#72

Phenanthrene

Concen: 19.533 ng/ul

RT: 17.585 min Scan# 2432

Delta R.T. 0.002 min

Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

Instrument :

BNA_G

ClientSampleId :

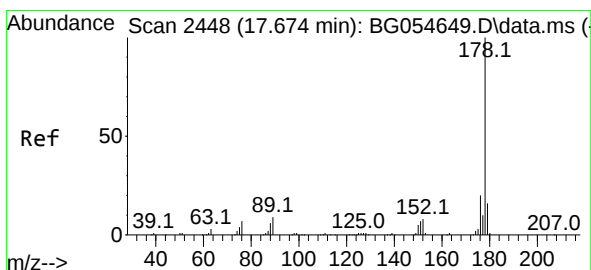
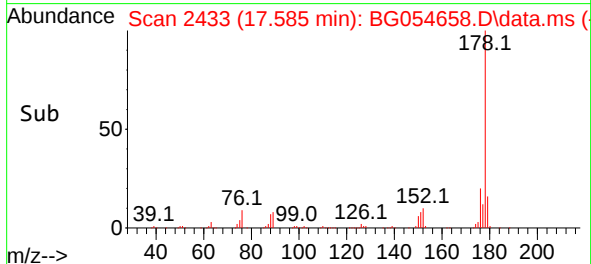
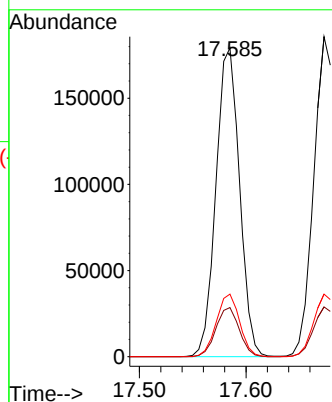
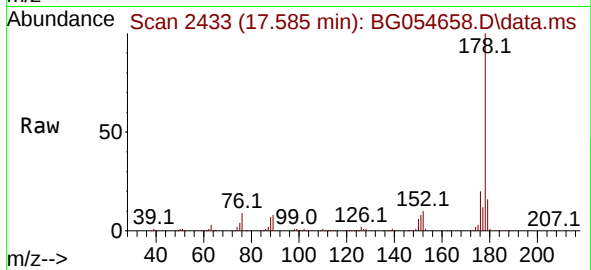
Tgt Ion:178 Resp: 275306

Ion Ratio Lower Upper

178 100

179 15.9 12.8 19.2

176 20.2 15.6 23.4



#74

Anthracene

Concen: 19.637 ng/ul

RT: 17.673 min Scan# 2448

Delta R.T. -0.004 min

Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

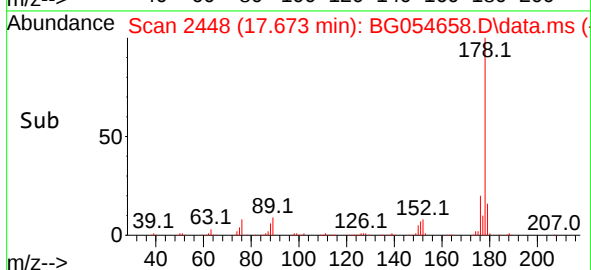
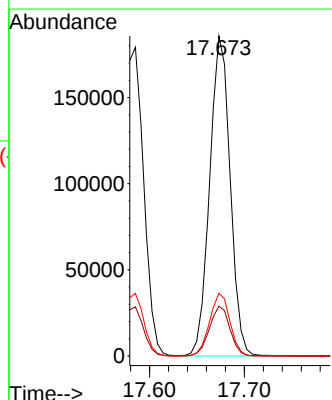
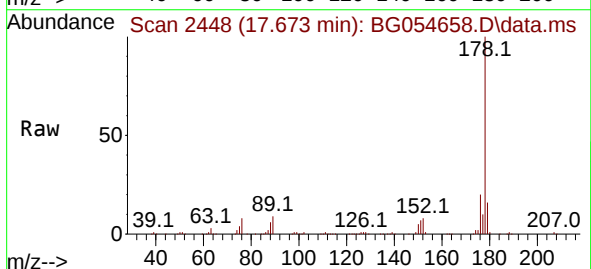
Tgt Ion:178 Resp: 278746

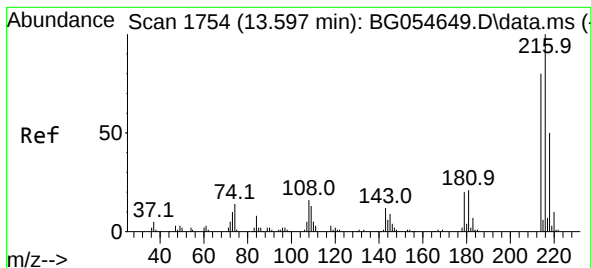
Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.5 15.9 23.9

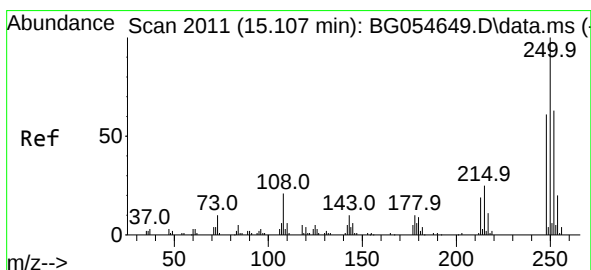
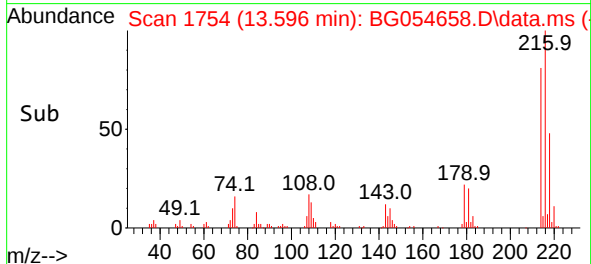
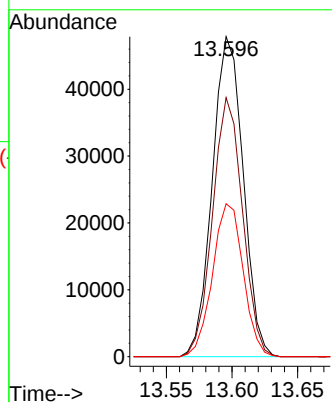
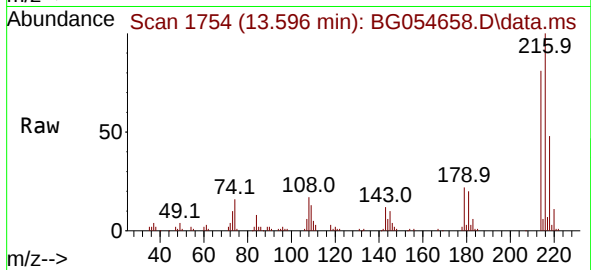




#75
1,2,3,4-Tetrachlorobenzene
Concen: 19.225 ng/uL
RT: 13.596 min Scan# 1754
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

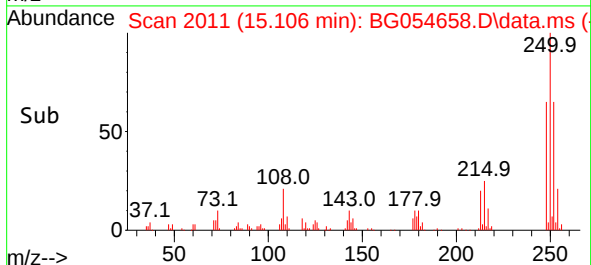
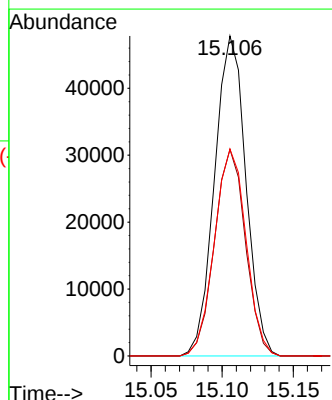
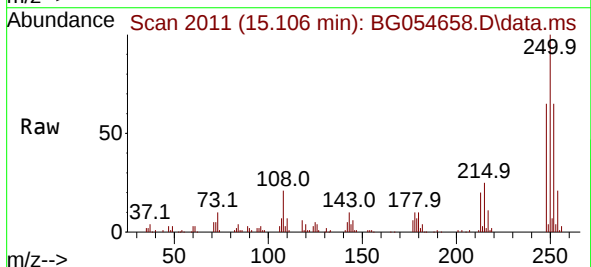
Instrument :
BNA_G
ClientSampleId :

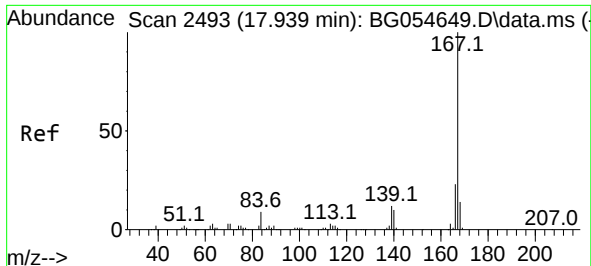
Tgt Ion:216 Resp: 78297
Ion Ratio Lower Upper
216 100
214 80.9 61.9 92.9
218 47.8 39.5 59.3



#76
Pentachlorobenzene
Concen: 18.909 ng/uL
RT: 15.106 min Scan# 2011
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

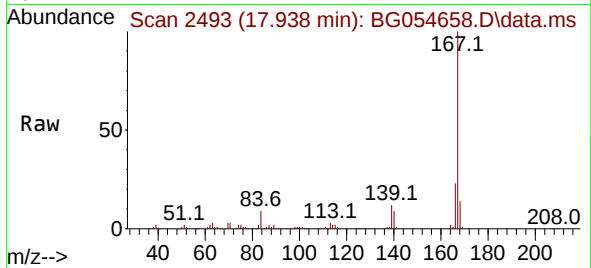
Tgt Ion:250 Resp: 73358
Ion Ratio Lower Upper
250 100
248 64.5 49.1 73.7
252 64.6 50.6 76.0



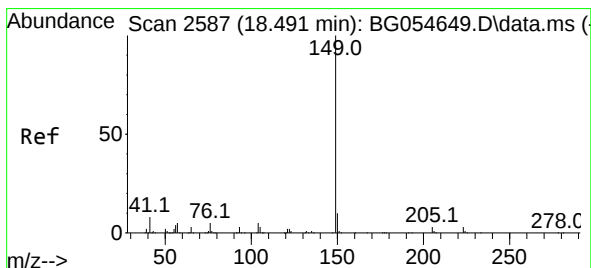
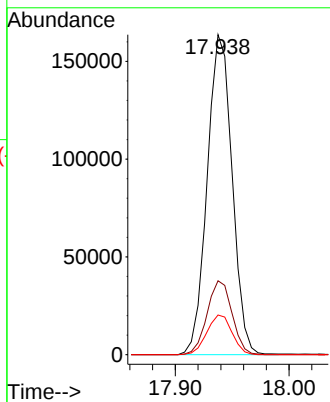
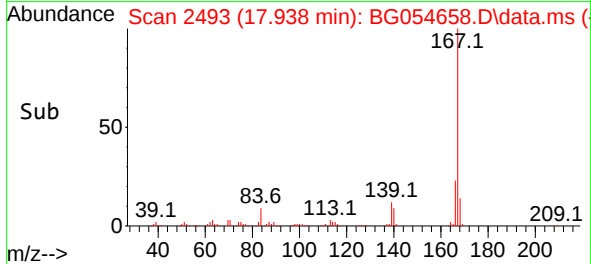


#77
 Carbazole
 Concen: 19.851 ng/ul
 RT: 17.938 min Scan# 2493
 Delta R.T. -0.004 min
 Lab File: BG054658.D
 Acq: 19 Aug 2022 9:07

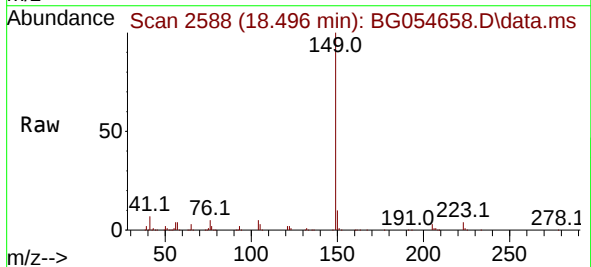
Instrument :
 BNA_G
 ClientSampleId :



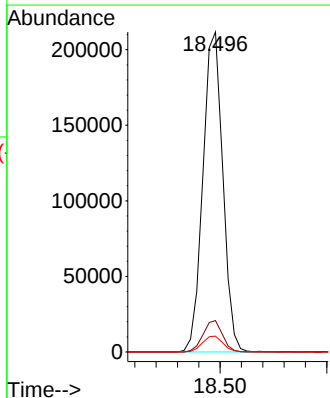
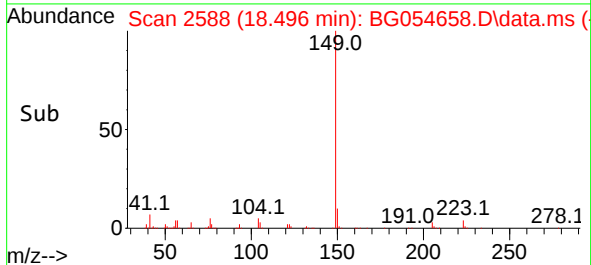
Tgt Ion:167 Resp: 249463
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.6
 139 12.4 9.9 14.9

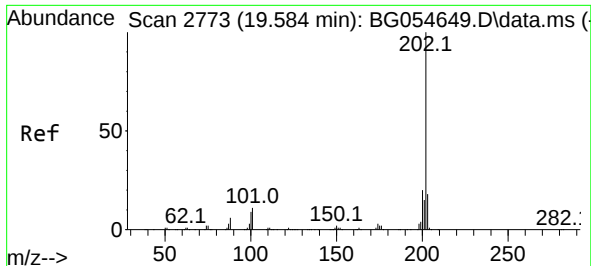


#78
 Di-n-butylphthalate
 Concen: 18.692 ng/ul
 RT: 18.496 min Scan# 2588
 Delta R.T. 0.002 min
 Lab File: BG054658.D
 Acq: 19 Aug 2022 9:07



Tgt Ion:149 Resp: 274759
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.0 4.2 6.4

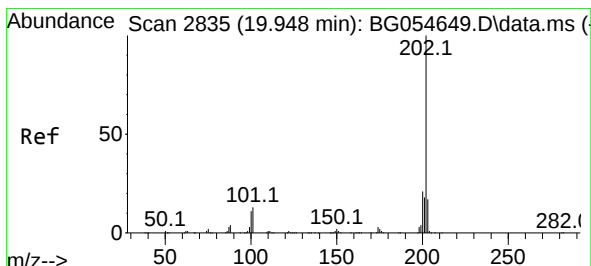
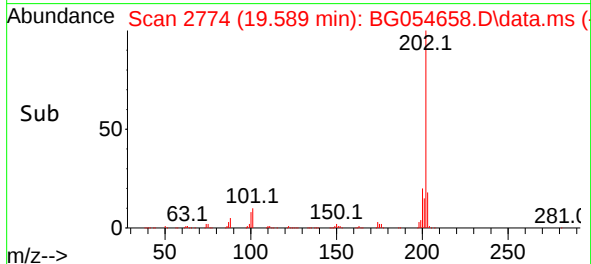
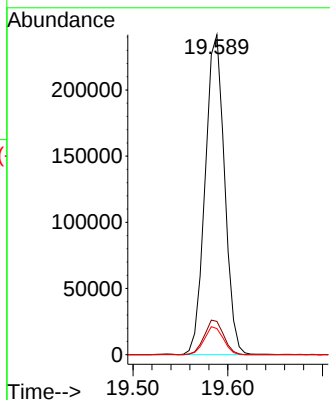
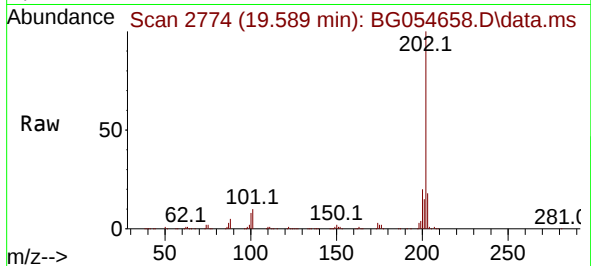




#80
Fluoranthene
Concen: 19.509 ng/u1
RT: 19.589 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

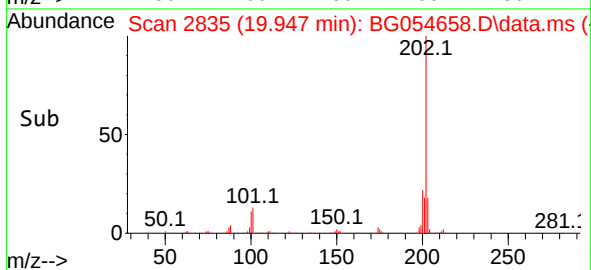
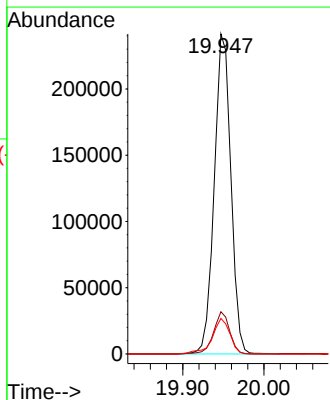
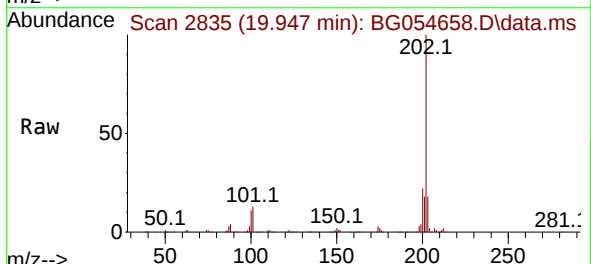
Instrument :
BNA_G
ClientSampleId :

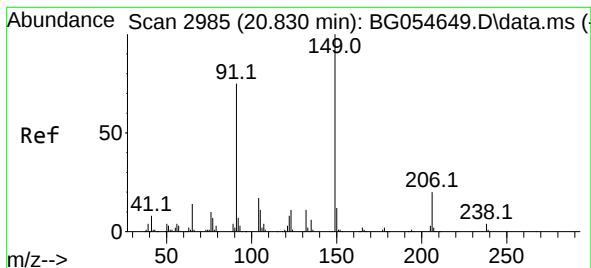
Tgt Ion:202 Resp: 342858
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
100 8.2 6.7 10.1



#82
Pyrene
Concen: 19.654 ng/u1
RT: 19.947 min Scan# 2835
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:202 Resp: 343316
Ion Ratio Lower Upper
202 100
101 13.2 10.1 15.1
100 11.1 8.4 12.6





#83

Butylbenzylphthalate

Concen: 17.571 ng/ul

RT: 20.828 min Scan# 2985

Delta R.T. -0.004 min

Lab File: BG054658.D

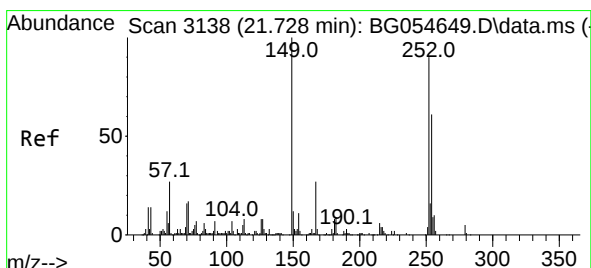
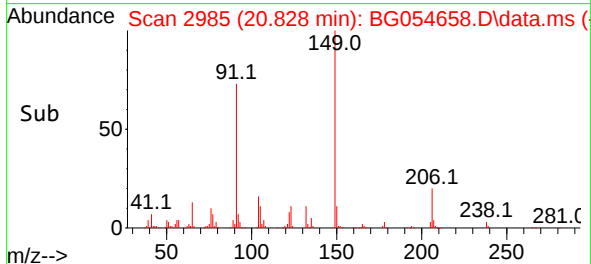
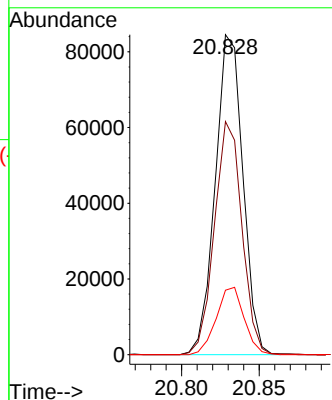
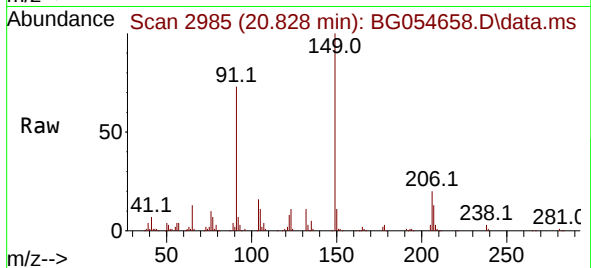
Acq: 19 Aug 2022 9:07

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:149	Resp: 105105
Ion Ratio	Lower Upper
149	100
91	72.9 59.1 88.7
206	20.1 16.8 25.2



#84

3,3'-Dichlorobenzidine

Concen: 19.105 ng/ul

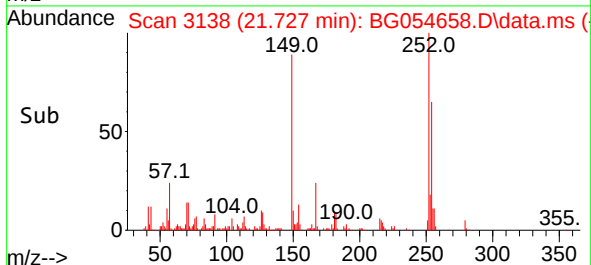
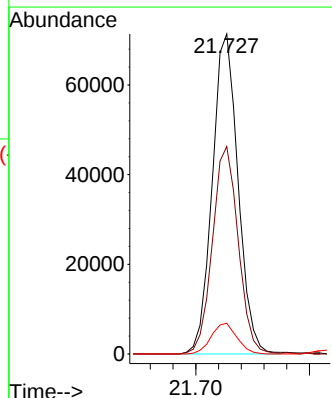
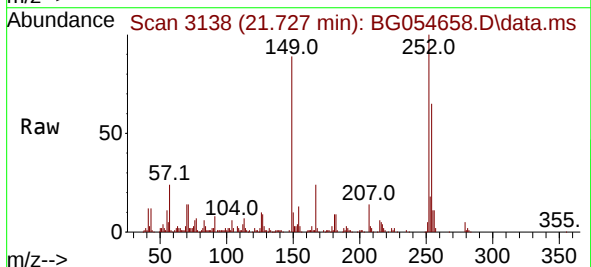
RT: 21.727 min Scan# 3138

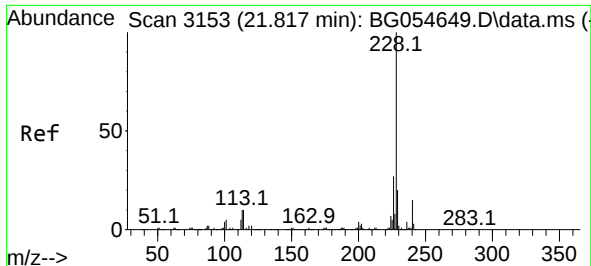
Delta R.T. 0.002 min

Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

Tgt Ion:252	Resp: 112095
Ion Ratio	Lower Upper
252	100
254	64.8 49.1 73.7
126	9.6 8.3 12.5

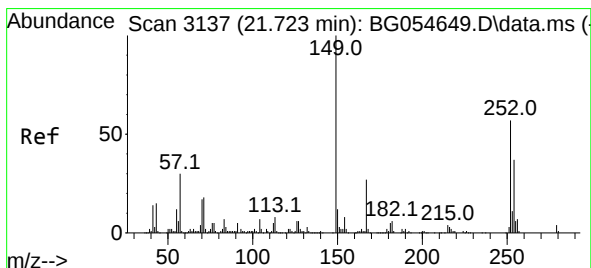
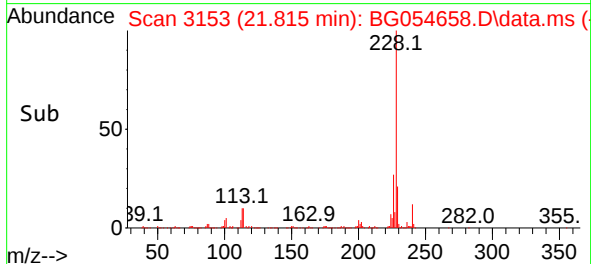
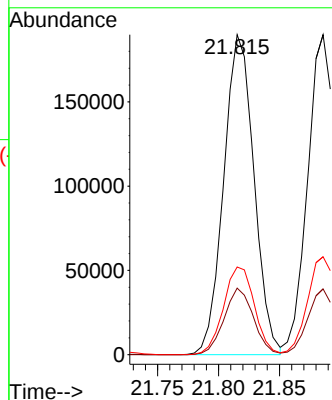
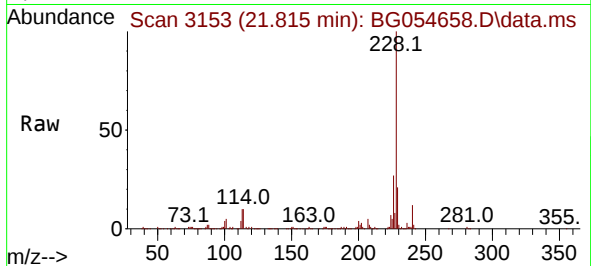




#85
Benzo(a)anthracene
Concen: 19.501 ng/ul
RT: 21.815 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

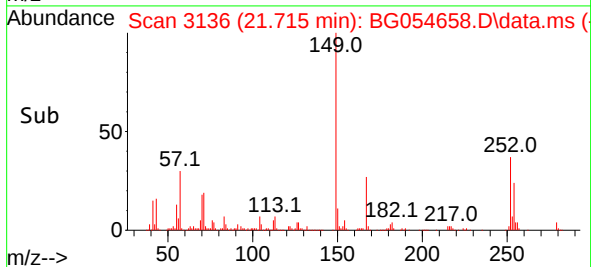
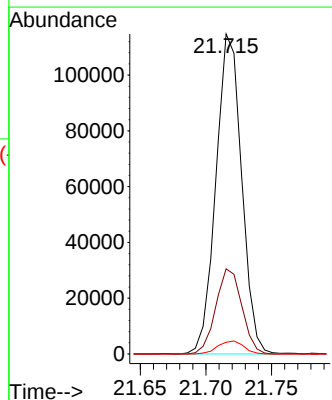
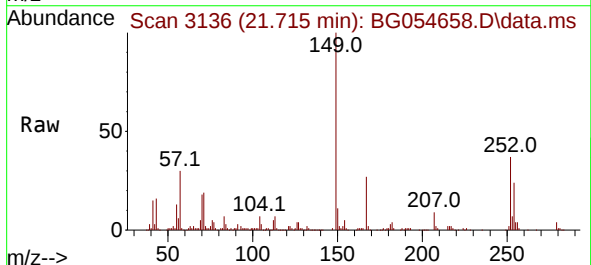
Instrument :
BNA_G
ClientSampleId :

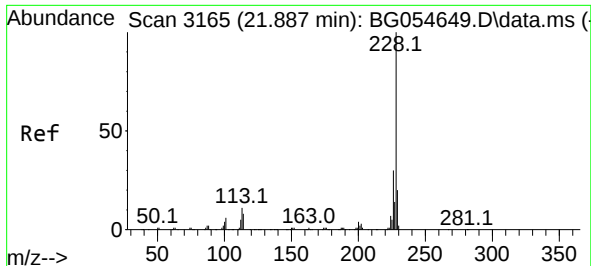
Tgt Ion:228 Resp: 328265
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 27.4 22.2 33.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 17.373 ng/ul
RT: 21.715 min Scan# 3136
Delta R.T. -0.010 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

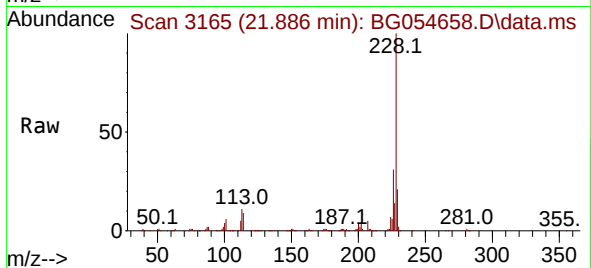
Tgt Ion:149 Resp: 156026
Ion Ratio Lower Upper
149 100
167 26.6 21.5 32.3
279 3.7 3.4 5.0



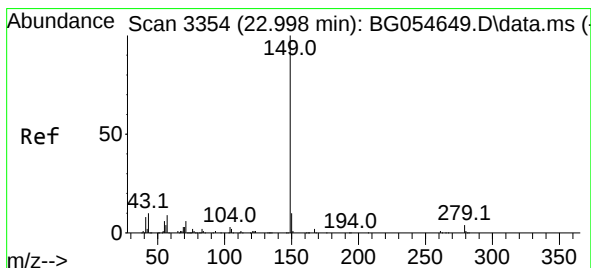
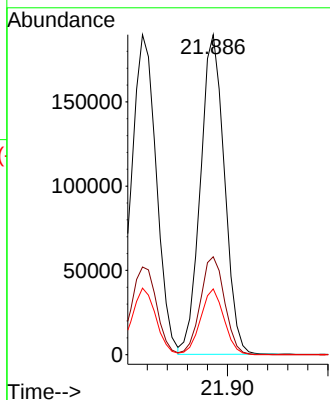
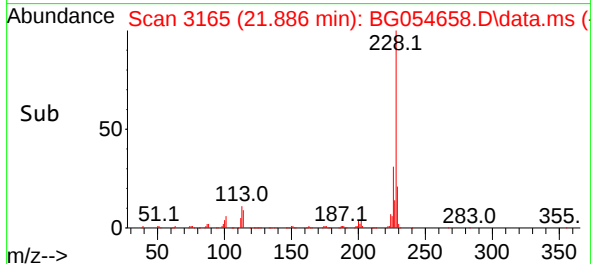


#87
Chrysene
Concen: 19.466 ng/ul
RT: 21.886 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Instrument :
BNA_G
ClientSampleId :

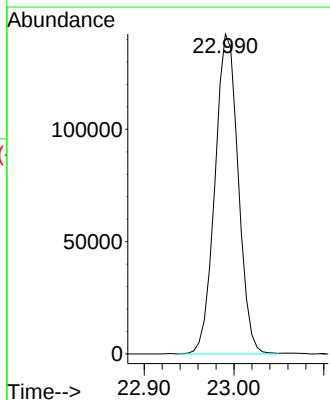
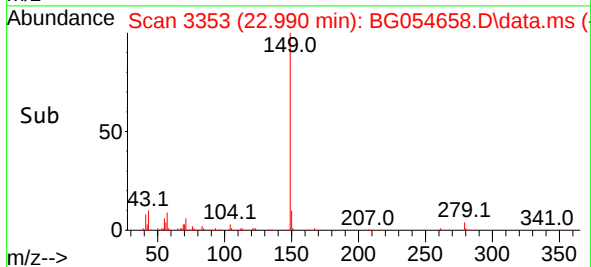
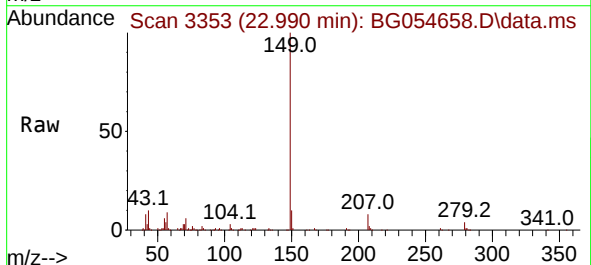


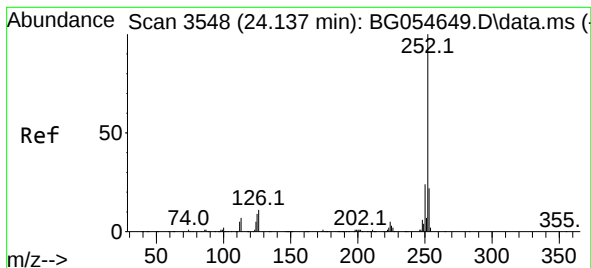
Tgt Ion:228 Resp: 315304
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 20.5 16.0 24.0



#89
Di-n-octyl phthalate
Concen: 16.613 ng/ul
RT: 22.990 min Scan# 3353
Delta R.T. -0.010 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:149 Resp: 256106





#90

Benzo(b)fluoranthene

Concen: 19.084 ng/ul

RT: 24.136 min Scan# 3548

Delta R.T. -0.004 min

Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

Instrument :

BNA_G

ClientSampleId :

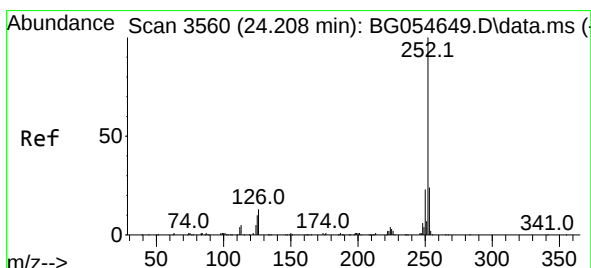
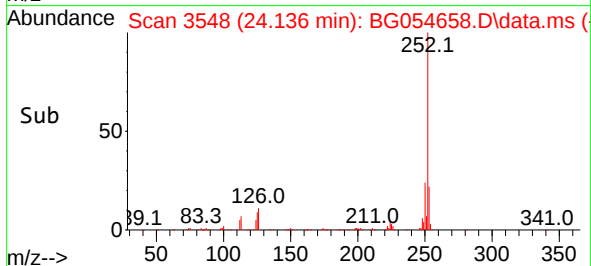
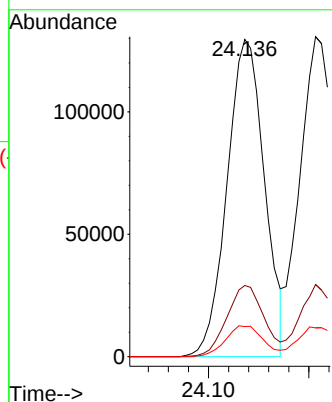
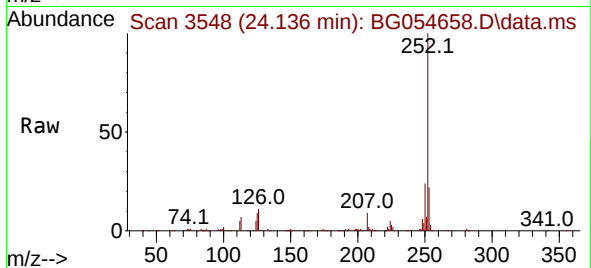
Tgt Ion:252 Resp: 335186

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.5 7.4 11.0



#91

Benzo(k)fluoranthene

Concen: 19.788 ng/ul

RT: 24.207 min Scan# 3560

Delta R.T. -0.004 min

Lab File: BG054658.D

Acq: 19 Aug 2022 9:07

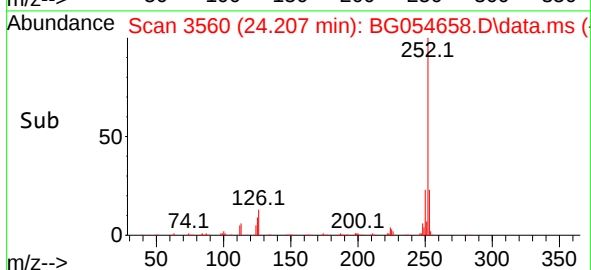
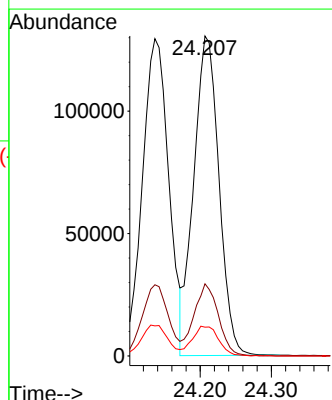
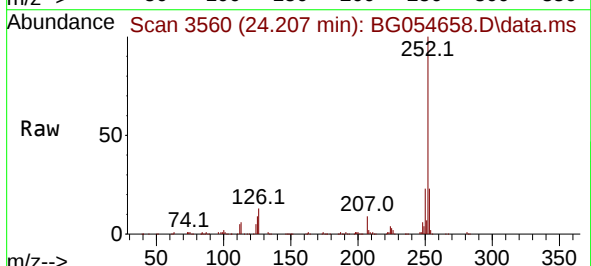
Tgt Ion:252 Resp: 322044

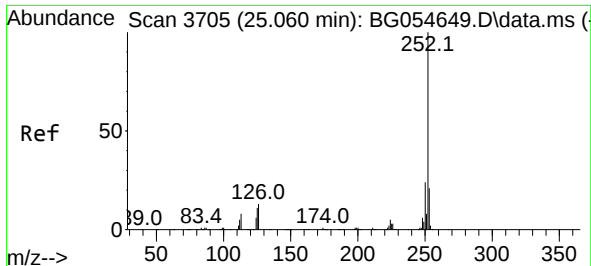
Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

125 9.0 7.6 11.4

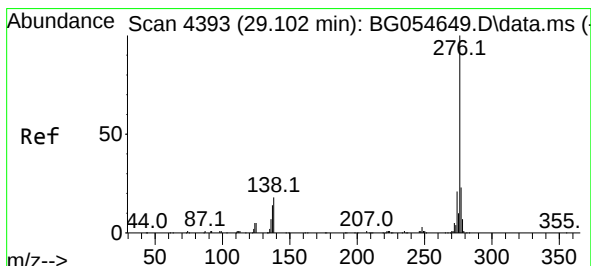
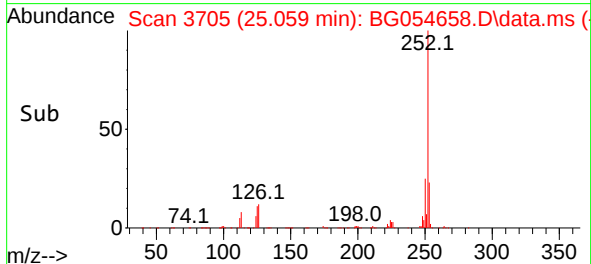
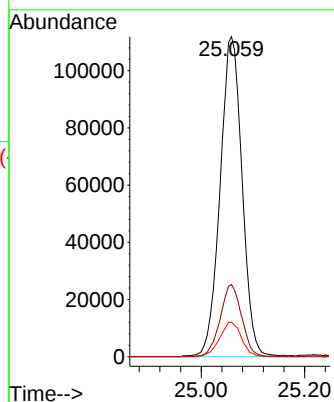
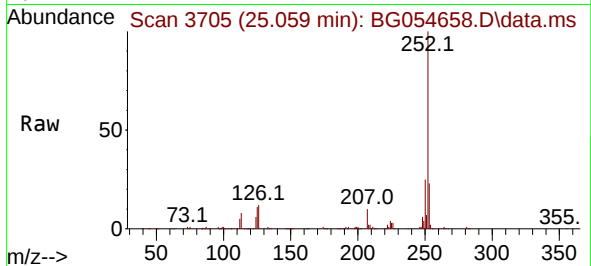




#93
Benzo(a)pyrene
Concen: 19.564 ng/ul
RT: 25.059 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

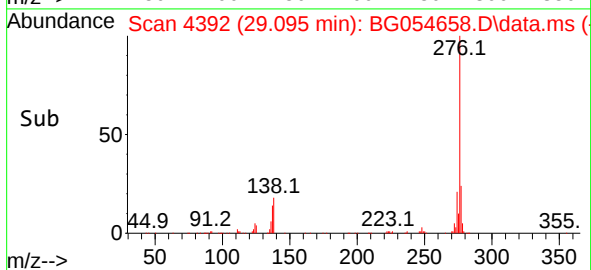
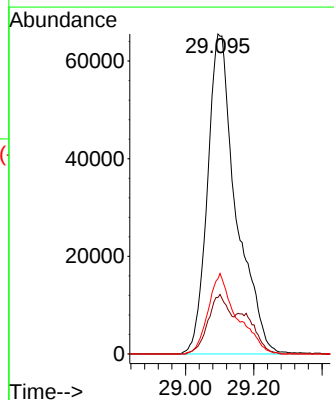
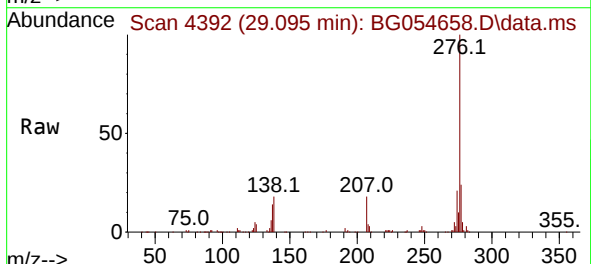
Instrument :
BNA_G
ClientSampleId :

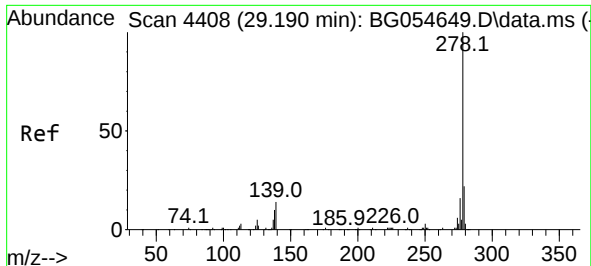
Tgt Ion:252 Resp: 330090
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.4
125 10.7 9.0 13.6



#94
Indeno(1,2,3-cd)pyrene
Concen: 19.253 ng/ul
RT: 29.095 min Scan# 4392
Delta R.T. -0.010 min
Lab File: BG054658.D
Acq: 19 Aug 2022 9:07

Tgt Ion:276 Resp: 381564
Ion Ratio Lower Upper
276 100
138 17.7 14.5 21.7
277 23.5 18.3 27.5

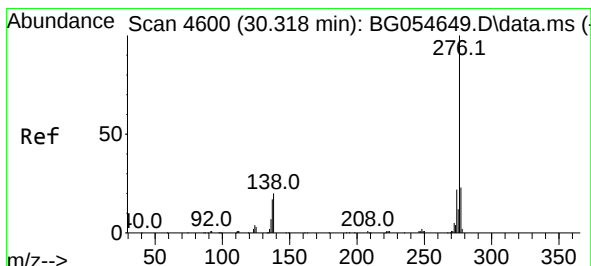
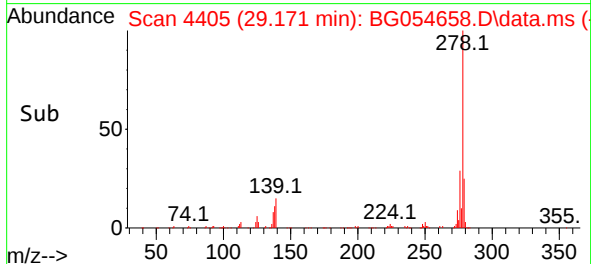
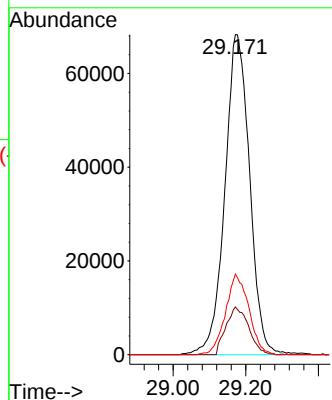
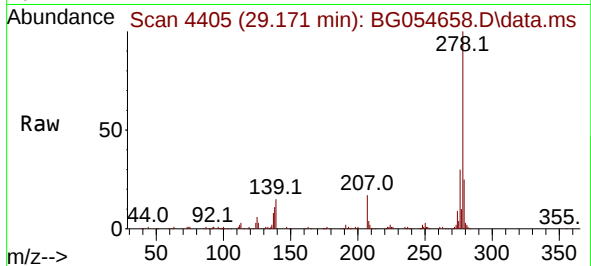




#95
 Dibenzo(a,h)anthracene
 Concen: 19.268 ng/ul
 RT: 29.171 min Scan# 4405
 Delta R.T. -0.016 min
 Lab File: BG054658.D
 Acq: 19 Aug 2022 9:07

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:278 Resp: 322840
 Ion Ratio Lower Upper
 278 100
 139 14.9 11.2 16.8
 279 25.2 19.6 29.4



#96
 Benzo(g,h,i)perylene
 Concen: 19.258 ng/ul
 RT: 30.317 min Scan# 4600
 Delta R.T. -0.004 min
 Lab File: BG054658.D
 Acq: 19 Aug 2022 9:07

Tgt Ion:276 Resp: 318386
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.4 23.2
 277 23.4 19.5 29.3

