

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081922\
 Data File : BG054664.D
 Acq On : 19 Aug 2022 14:18
 Operator : CG/JU
 Sample : N3670-06
 Misc : MDL-MED-SOIL-4ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 02:46:56 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	51803	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	211711	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.795	164	137065	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.538	188	304580	20.000	ng/u1	0.00
79) Chrysene-d12	21.833	240	294932	20.000	ng/u1	0.00
88) Perylene-d12	25.218	264	302578	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.514	96	6050	4.620	ng/uL	0.00
4) Pyridine-d5	3.937	84	76716	19.657	ng/u1	0.00
7) Phenol-d5	7.298	99	96366	21.880	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.480	67	62198	22.070	ng/u1	0.00
11) 2-Chlorophenol-d4	7.685	132	70784	22.724	ng/u1	0.00
15) 4-Methylphenol-d8	8.855	113	75731	22.762	ng/u1	0.00
21) Nitrobenzene-d5	9.330	128	33870	25.487	ng/u1	0.00
24) 2-Nitrophenol-d4	10.059	143	26762	22.493	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.594	165	71251	22.844	ng/u1	0.00
31) 4-Chloroaniline-d4	11.117	131	104784	23.402	ng/u1	0.00
46) Dimethylphthalate-d6	14.189	166	232186	24.654	ng/u1	0.00
49) Acenaphthylene-d8	14.489	160	301178	26.709	ng/u1	0.00
54) 4-Nitrophenol-d4	14.959	143	31725	21.316	ng/u1	0.00
60) Fluorene-d10	15.782	176	206615	24.194	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.882	200	19192	18.503	ng/u1	0.00
73) Anthracene-d10	17.638	188	324286	24.478	ng/u1	0.00
81) Pyrene-d10	19.918	212	373562	24.418	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.977	264	356620	24.001	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.549	88	2346	1.589	ng/uL	89
5) Pyridine	3.960	79	16944	4.347	ng/u1	90
6) Benzaldehyde	7.292	77	12400	5.756	ng/u1	96
8) Phenol	7.327	94	17560	4.003	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.574	93	14690	4.117	ng/u1	96
12) 2-Chlorophenol	7.721	128	13302	3.976	ng/u1	95
13) 2-Methylphenol	8.590	108	12978	3.871	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.678	45	23215	3.971	ng/u1#	95
16) Acetophenone	8.990	105	22643	4.362	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.966	70	11808	4.186	ng/u1	94
18) 4-Methylphenol	8.919	108	14359	4.104	ng/u1	97
19) Hexachloroethane	9.260	117	5834	4.280	ng/u1	93
22) Nitrobenzene	9.377	77	15911	4.553	ng/u1	98
23) Isophorone	9.895	82	31542	4.166	ng/u1	97
25) 2-Nitrophenol	10.088	139	5672	4.041	ng/u1	97
26) 2,4-Dimethylphenol	10.135	107	15168	4.037	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.376	93	20386	4.373	ng/u1	100
29) 2,4-Dichlorophenol	10.617	162	12737	4.232	ng/u1	99
30) Naphthalene	11.040	128	48491	4.443	ng/u1	98
32) 4-Chloroaniline	11.140	127	20185	4.408	ng/u1	95
33) Hexachlorobutadiene	11.316	225	9648	4.274	ng/u1	92
34) Caprolactam	11.904	113	4656	4.534	ng/u1	79
35) 4-Chloro-3-methylphenol	12.239	107	12547	3.823	ng/u1	94
36) 2-Methylnaphthalene	12.632	142	32409	4.352	ng/u1	95

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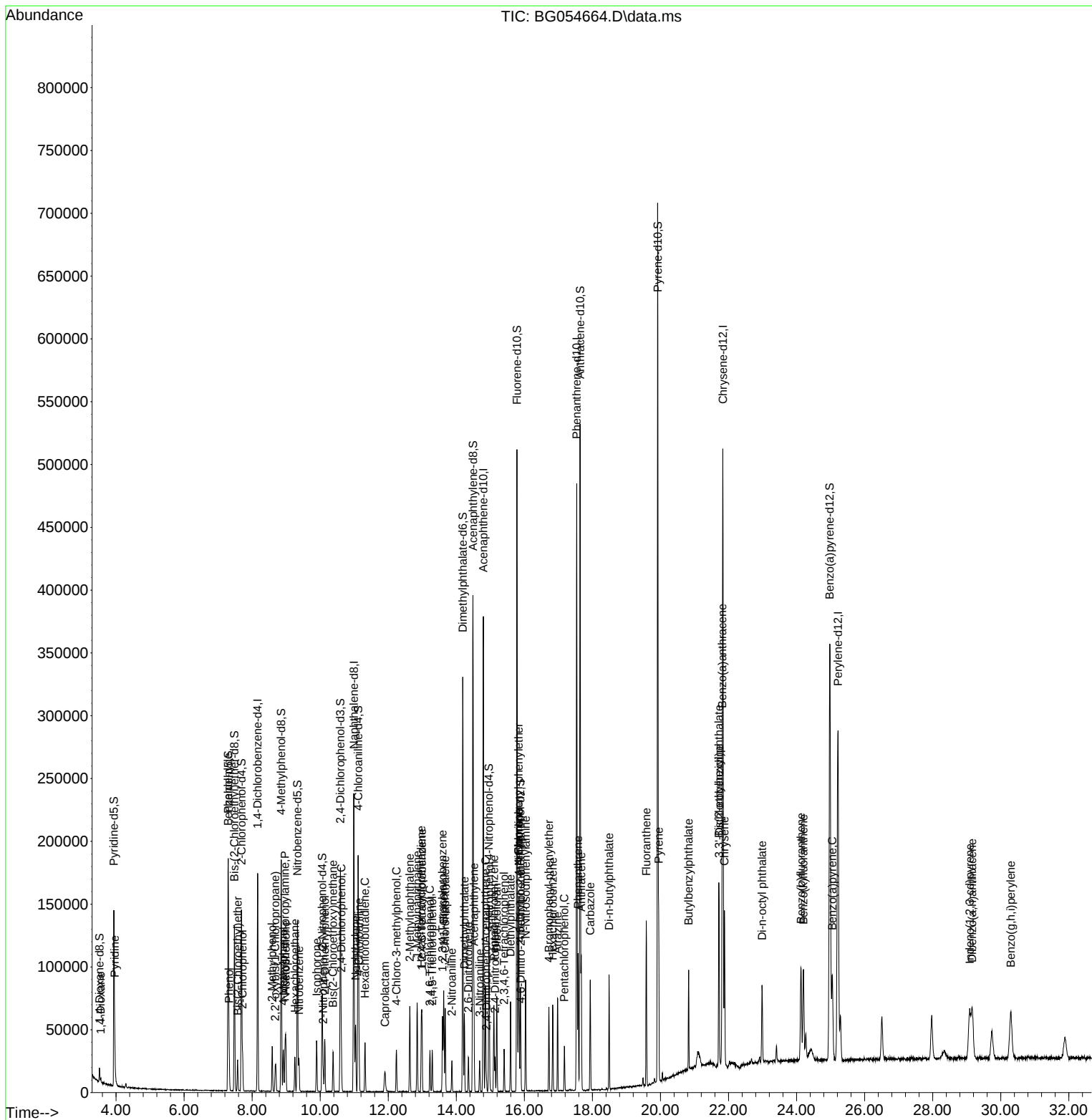
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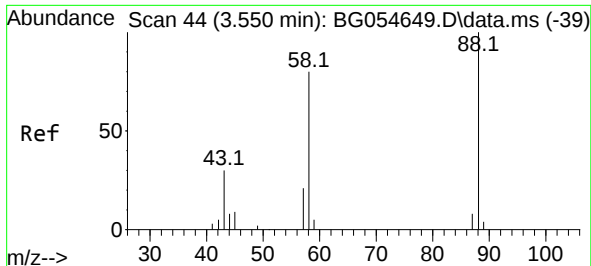
Quant Time: Aug 20 02:46:56 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.850	142	33760	4.563	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.991	216	18498	4.434	ng/ul#	98
40) Hexachlorocyclopentadiene	12.973	237	13562	5.123	ng/ul	94
41) 2,4,6-Trichlorophenol	13.226	196	8918	3.642	ng/ul	98
42) 2,4,5-Trichlorophenol	13.291	196	10386	3.896	ng/ul	92
43) 1,1'-Biphenyl	13.631	154	45318	4.579	ng/ul	99
44) 2-Chloronaphthalene	13.672	162	34279	4.572	ng/ul	96
45) 2-Nitroaniline	13.872	65	6836	3.886	ng/ul	93
47) Dimethylphthalate	14.236	163	42525	4.472	ng/ul	99
48) 2,6-Dinitrotoluene	14.354	165	5828	3.916	ng/ul	96
50) Acenaphthylene	14.519	152	56954	4.563	ng/ul	99
51) 3-Nitroaniline	14.689	138	6624	4.184	ng/ul	94
52) Acenaphthene	14.859	153	37401	4.509	ng/ul	95
53) 2,4-Dinitrophenol	14.883	184	2740	3.688	ng/ul#	83
55) 4-Nitrophenol	14.971	109	4971	4.059	ng/ul#	83
56) Dibenzofuran	15.188	168	51954	4.547	ng/ul	99
57) 2,4-Dinitrotoluene	15.141	165	8310	4.118	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.406	232	7729	3.602	ng/ul#	92
59) Diethylphthalate	15.594	149	41557	4.404	ng/ul	98
61) Fluorene	15.835	166	42009	4.509	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.829	204	21267	4.457	ng/ul	97
63) 4-Nitroaniline	15.840	138	6843	4.634	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.899	198	4468	4.038	ng/ul	94
67) N-Nitrosodiphenylamine	16.040	169	35638	4.332	ng/ul	97
68) 4-Bromophenyl-phenylether	16.722	248	13775	4.386	ng/ul	99
69) Hexachlorobenzene	16.833	284	15854	4.424	ng/ul	96
70) Atrazine	16.980	200	14568	4.658	ng/ul	95
71) Pentachlorophenol	17.174	266	7831	3.955	ng/ul	97
72) Phenanthrene	17.580	178	69303	4.574	ng/ul	98
74) Anthracene	17.674	178	69262	4.539	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.596	216	19558	4.467	ng/ul	99
76) Pentachlorobenzene	15.106	250	20217	4.847	ng/ul	98
77) Carbazole	17.938	167	60197	4.456	ng/ul	99
78) Di-n-butylphthalate	18.490	149	65401	4.139	ng/ul	99
80) Fluoranthene	19.583	202	84000	4.390	ng/ul	99
82) Pyrene	19.947	202	85029	4.471	ng/ul	99
83) Butylbenzylphthalate	20.829	149	23507	3.609	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.722	252	25320	3.963	ng/ul	99
85) Benzo(a)anthracene	21.816	228	80084	4.369	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.716	149	36349	3.717	ng/ul	95
87) Chrysene	21.880	228	78634	4.459	ng/ul	98
89) Di-n-octyl phthalate	22.985	149	55652	3.317	ng/ul	100
90) Benzo(b)fluoranthene	24.131	252	80371	4.205	ng/ul	99
91) Benzo(k)fluoranthene	24.201	252	76977	4.346	ng/ul	96
93) Benzo(a)pyrene	25.047	252	80545	4.387	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.090	276	90571	4.200	ng/ul	96
95) Dibenzo(a,h)anthracene	29.160	278	77818	4.268	ng/ul	98
96) Benzo(g,h,i)perylene	30.300	276	76804	4.269	ng/ul	97

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

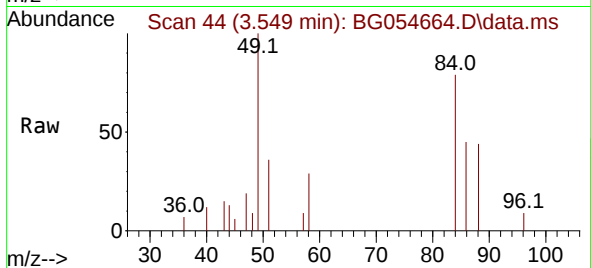
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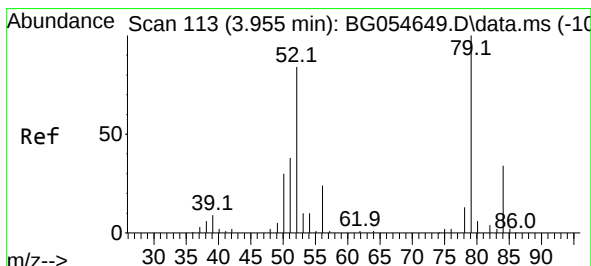
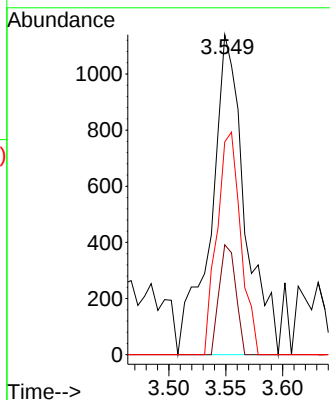
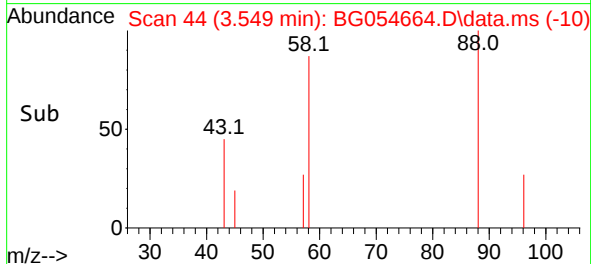


#2
 1,4-Dioxane
 Concen: 1.589 ng/uL
 RT: 3.549 min Scan# 44
 Delta R.T. -0.003 min
 Lab File: BG054664.D
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Instrument :
 BNA_G
 ClientSampleId :

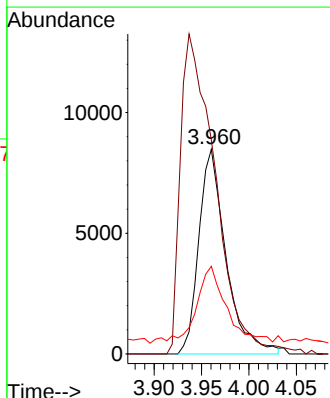
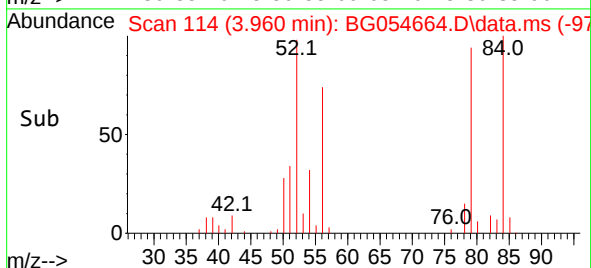
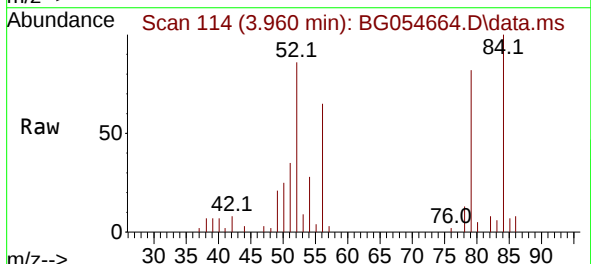


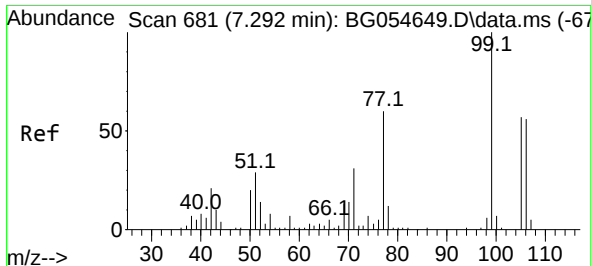
Tgt Ion:	88	Resp:	2346
Ion Ratio	Lower	Upper	
88	100		
43	34.4	28.3	42.5
58	66.5	63.4	95.2



#5
 Pyridine
 Concen: 4.347 ng/uL
 RT: 3.960 min Scan# 114
 Delta R.T. 0.003 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18

Tgt Ion:	79	Resp:	16944
Ion Ratio	Lower	Upper	
79	100		
52	104.6	74.2	111.2
51	42.9	31.9	47.9

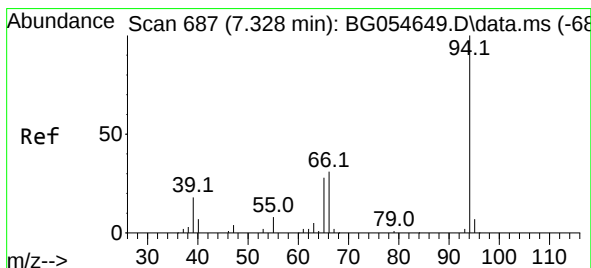
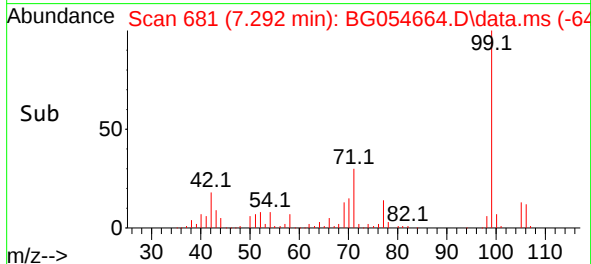
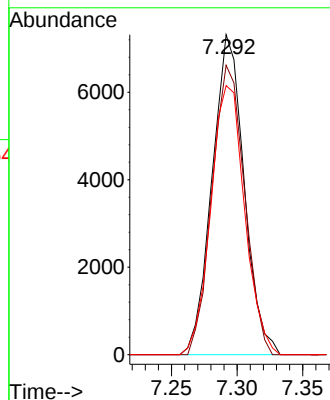
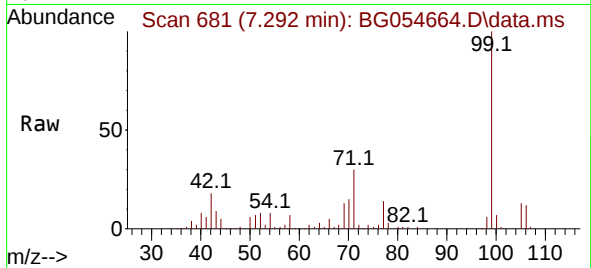




#6
Benzaldehyde
Concen: 5.756 ng/ul
RT: 7.292 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

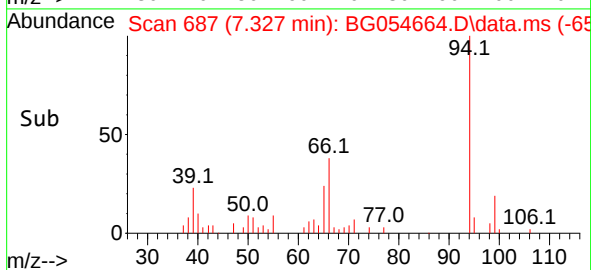
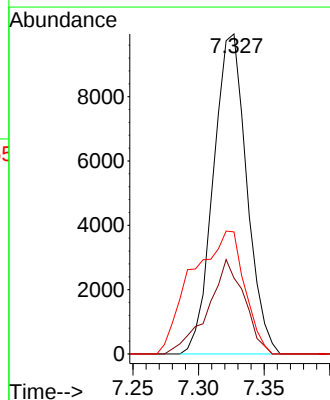
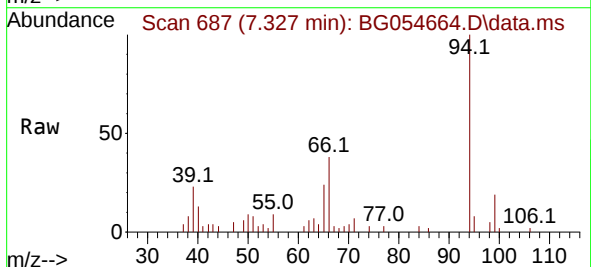
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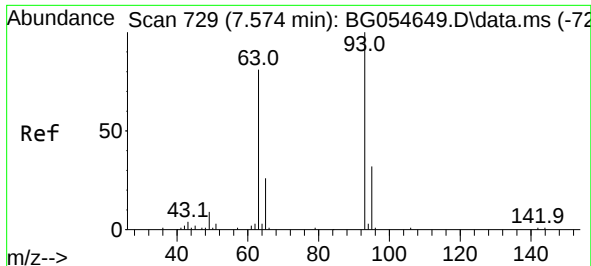
Tgt Ion: 77 Resp: 12400
Ion Ratio Lower Upper
77 100
105 90.4 73.6 110.4
106 84.1 71.5 107.3



#8
Phenol
Concen: 4.003 ng/ul
RT: 7.327 min Scan# 687
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

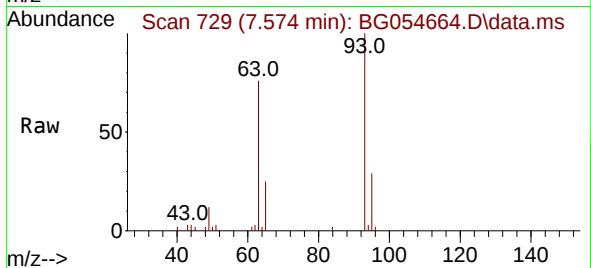
Tgt Ion: 94 Resp: 17560
Ion Ratio Lower Upper
94 100
65 23.7 24.0 36.0#
66 38.2 29.0 43.6



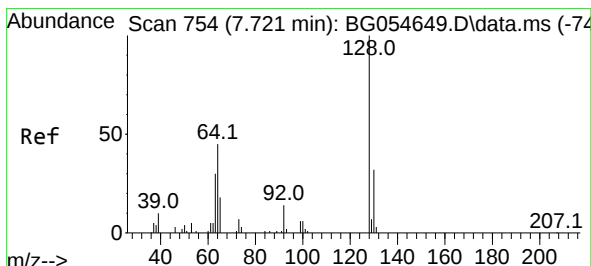
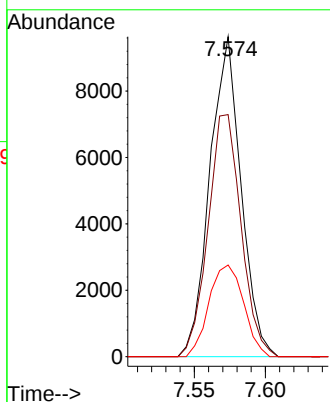
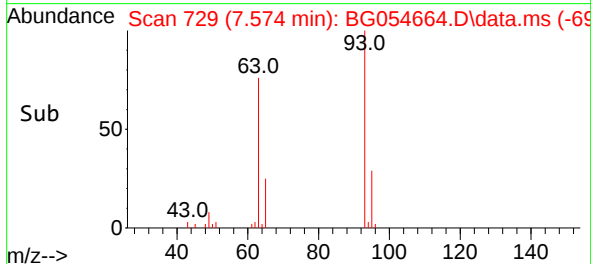


#10
Bis(2-Chloroethyl)ether
Concen: 4.117 ng/ul
RT: 7.574 min Scan# 729
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Instrument :
BNA_G
ClientSampleId :

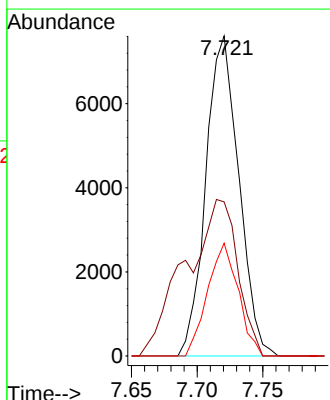
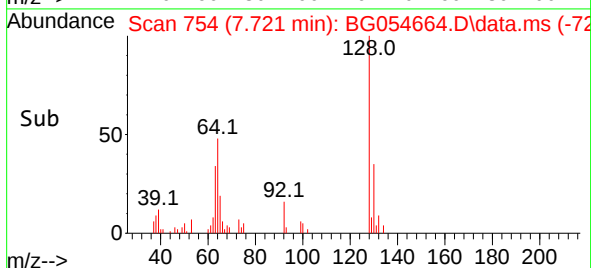
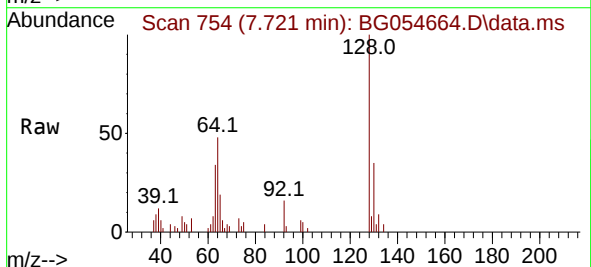


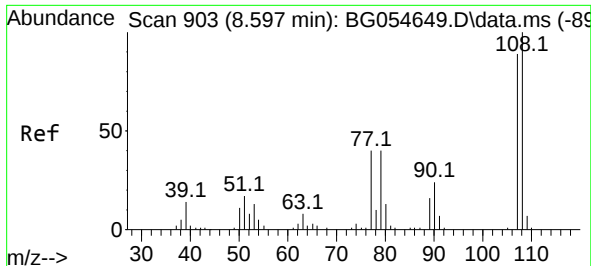
Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.6	63.2	94.8
95	28.6	25.5	38.3



#12
2-Chlorophenol
Concen: 3.976 ng/ul
RT: 7.721 min Scan# 754
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion	Ratio	Lower	Upper
128	100		
64	48.2	41.4	62.0
130	35.3	26.0	39.0





#13

2-Methylphenol

Concen: 3.871 ng/ul

RT: 8.590 min Scan# 903

Delta R.T. -0.003 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_G

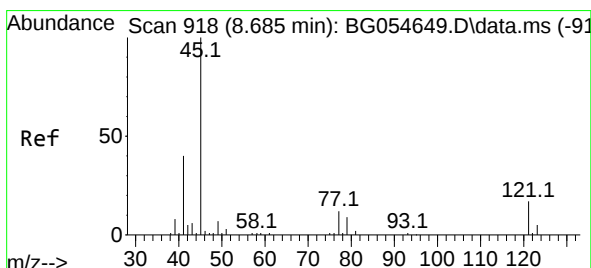
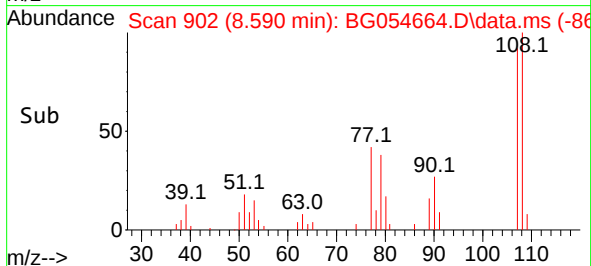
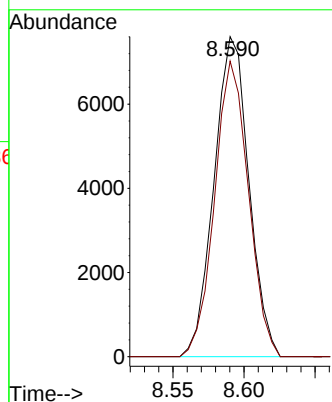
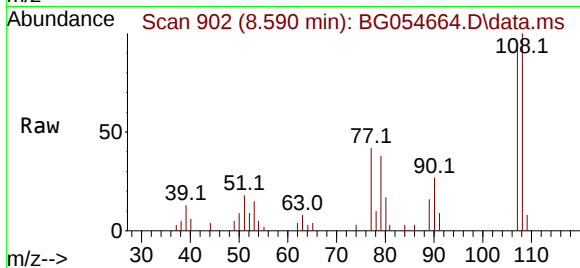
ClientSampleId :

Tgt Ion:108 Resp: 12978

Ion Ratio Lower Upper

108 100

107 92.3 71.4 107.2



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.971 ng/ul

RT: 8.678 min Scan# 917

Delta R.T. -0.009 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

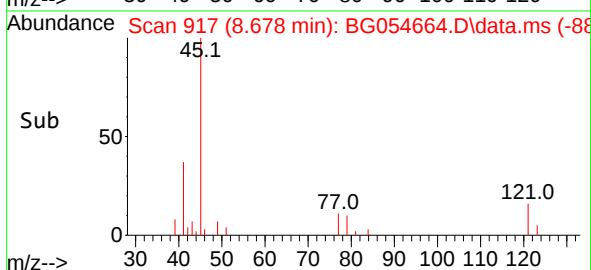
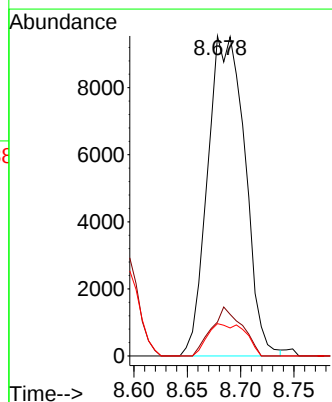
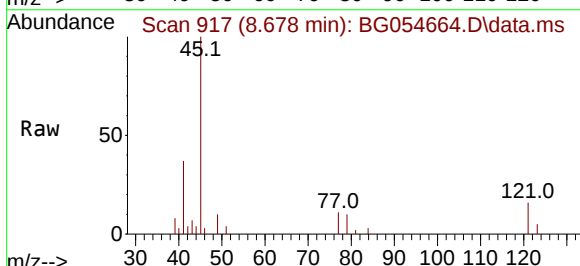
Tgt Ion: 45 Resp: 23215

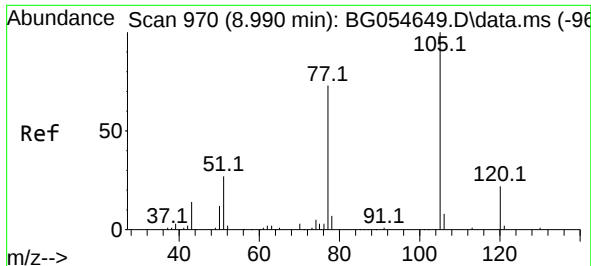
Ion Ratio Lower Upper

45 100

77 10.6 9.9 14.9

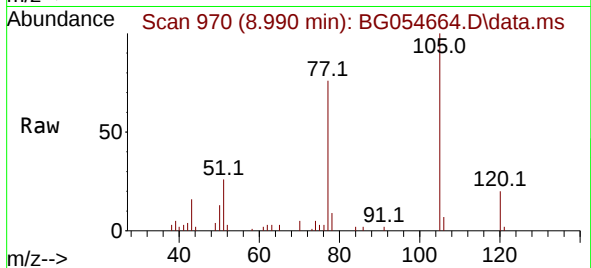
79 10.1 6.6 9.8#



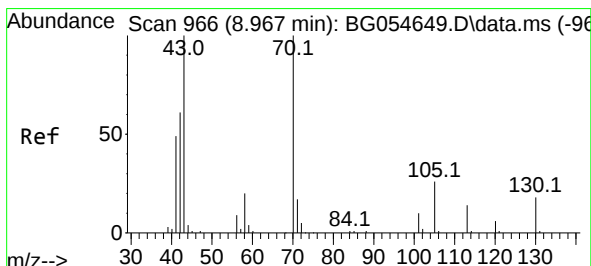
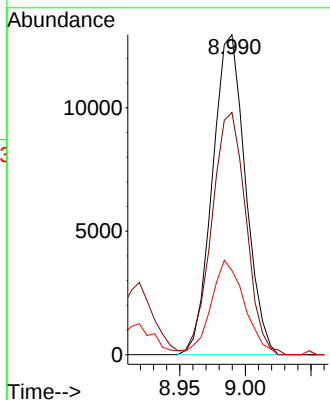
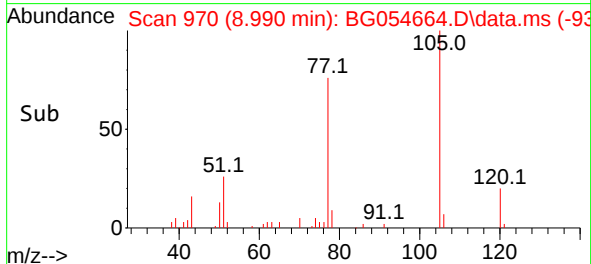


#16
Acetophenone
Concen: 4.362 ng/ul
RT: 8.990 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

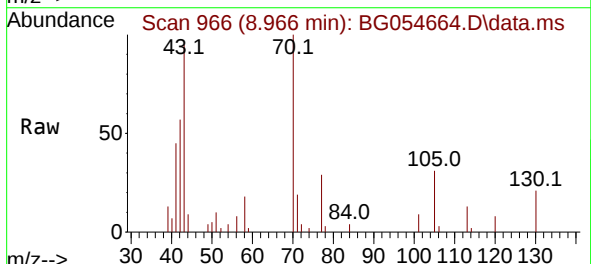
Instrument :
BNA_G
ClientSampleId :



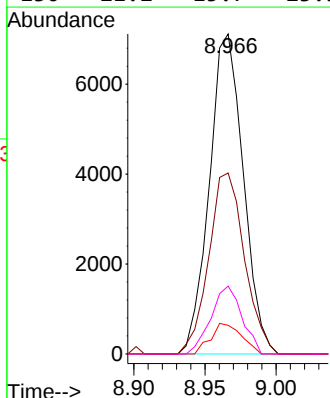
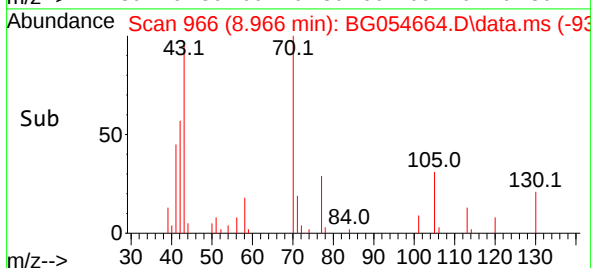
Tgt Ion:105 Resp: 22643
Ion Ratio Lower Upper
105 100
77 75.7 63.0 94.6
51 26.3 23.8 35.6

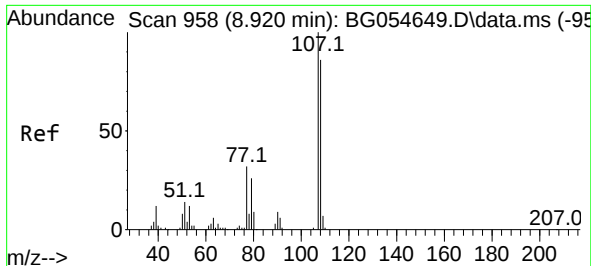


#17
N-Nitroso-di-n-propylamine
Concen: 4.186 ng/ul
RT: 8.966 min Scan# 966
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18



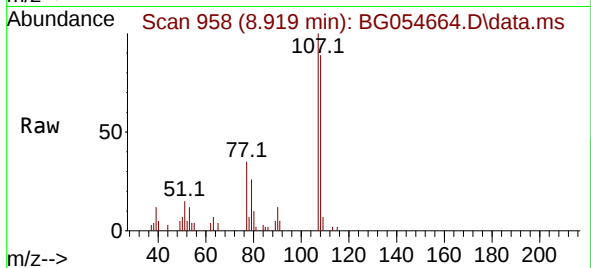
Tgt Ion: 70 Resp: 11808
Ion Ratio Lower Upper
70 100
42 56.5 49.6 74.4
101 8.9 6.6 10.0
130 21.2 15.7 23.5



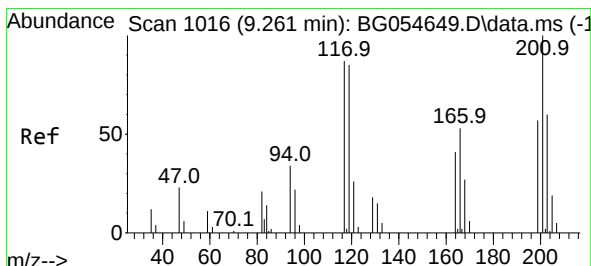
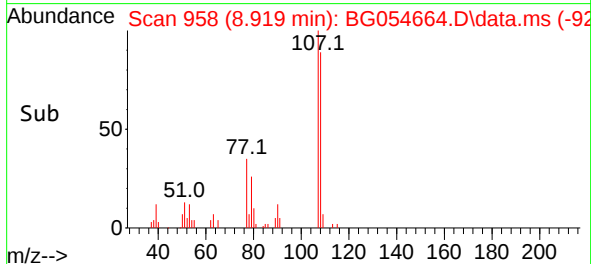
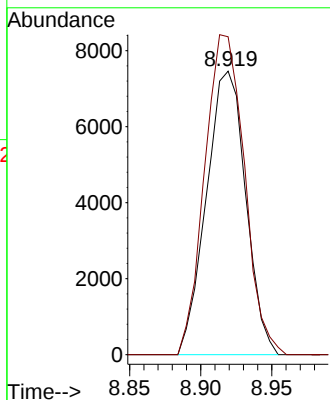


#18
4-Methylphenol
Concen: 4.104 ng/ul
RT: 8.919 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Instrument :
BNA_G
ClientSampleId :

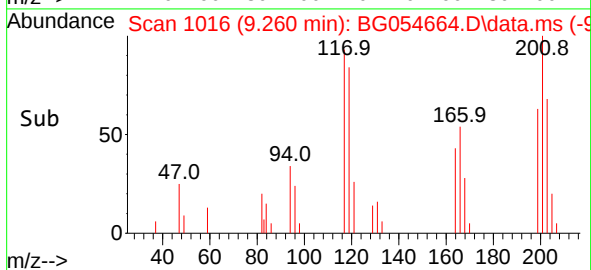
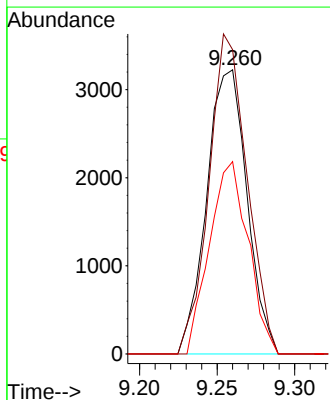
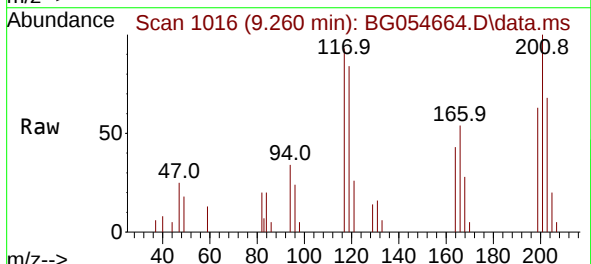


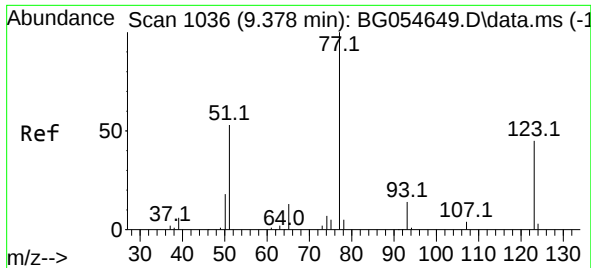
Tgt Ion:108 Resp: 14359
Ion Ratio Lower Upper
108 100
107 112.1 92.5 138.7



#19
Hexachloroethane
Concen: 4.280 ng/ul
RT: 9.260 min Scan# 1016
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion:117 Resp: 5834
Ion Ratio Lower Upper
117 100
201 107.1 92.7 139.1
199 67.6 57.5 86.3

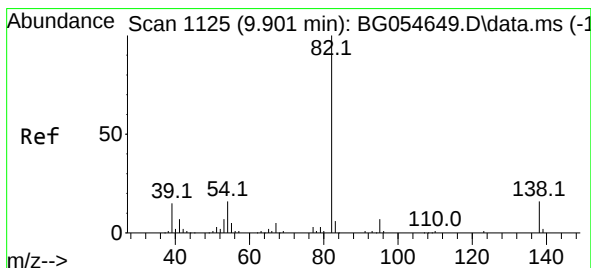
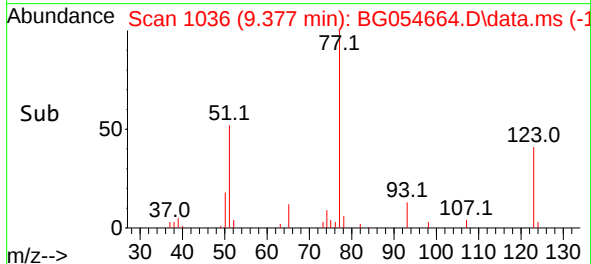
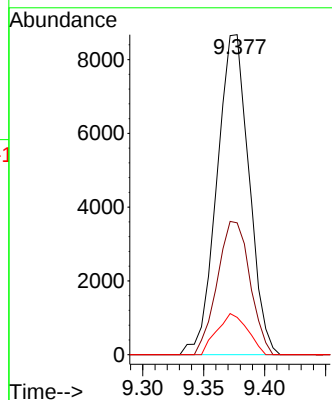
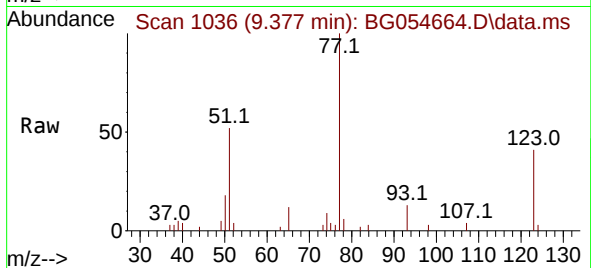




#22
Nitrobenzene
Concen: 4.553 ng/ul
RT: 9.377 min Scan# 1103
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

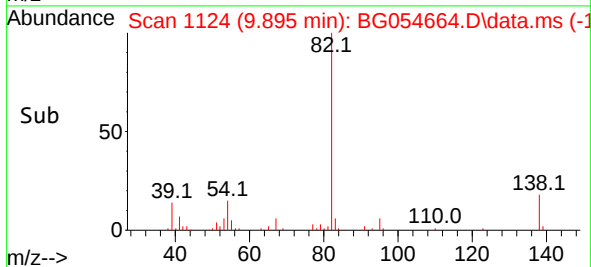
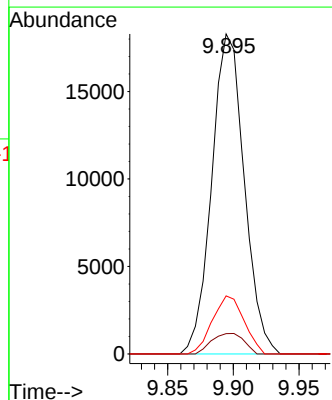
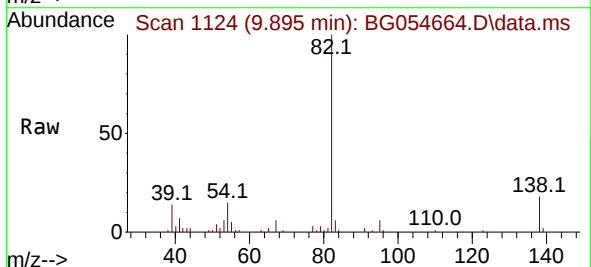
Instrument :
BNA_G
ClientSampleId :

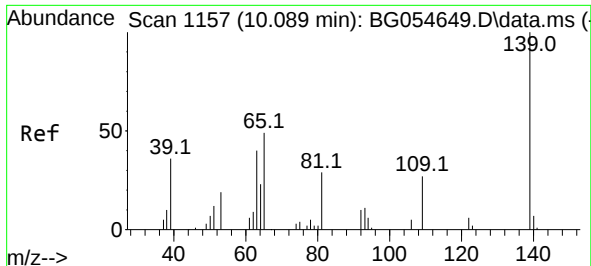
Tgt Ion: 77 Resp: 15911
Ion Ratio Lower Upper
77 100
123 41.2 31.6 47.4
65 11.6 9.0 13.6



#23
Isophorone
Concen: 4.166 ng/ul
RT: 9.895 min Scan# 1124
Delta R.T. -0.009 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion: 82 Resp: 31542
Ion Ratio Lower Upper
82 100
95 6.3 5.4 8.0
138 18.1 13.2 19.8

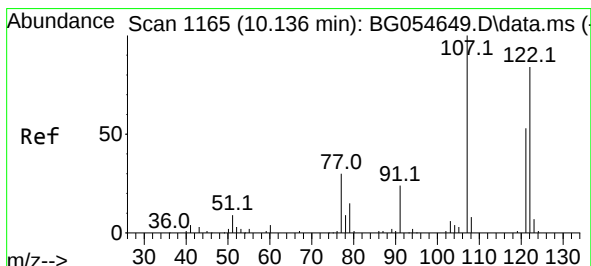
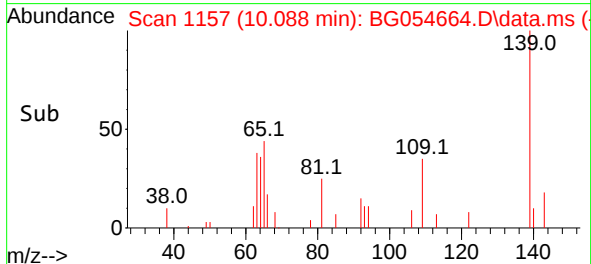
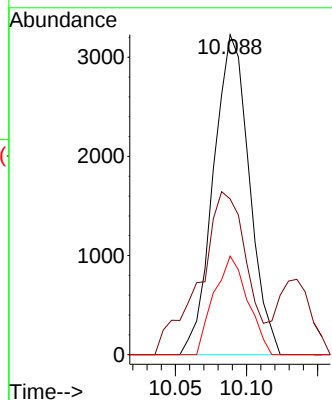
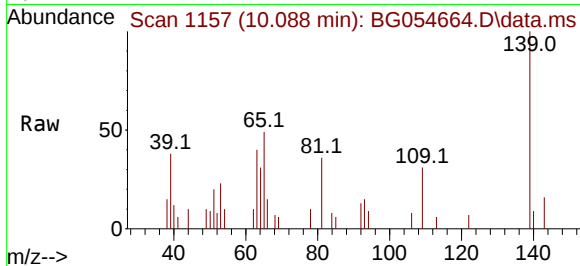




#25
2-Nitrophenol
Concen: 4.041 ng/ul
RT: 10.088 min Scan# 1157
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

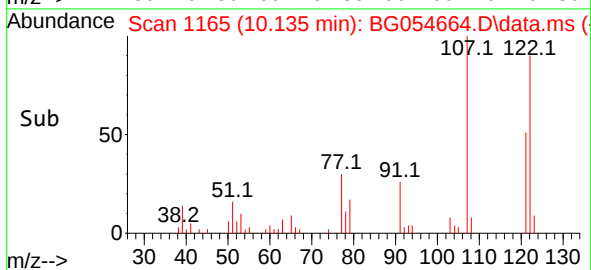
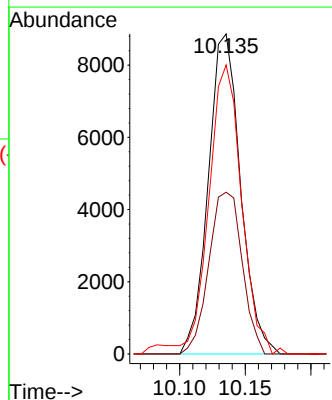
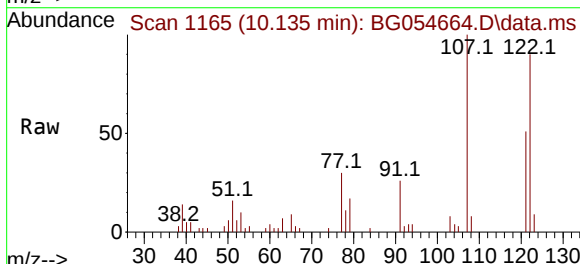
Instrument :
BNA_G
ClientSampleId :

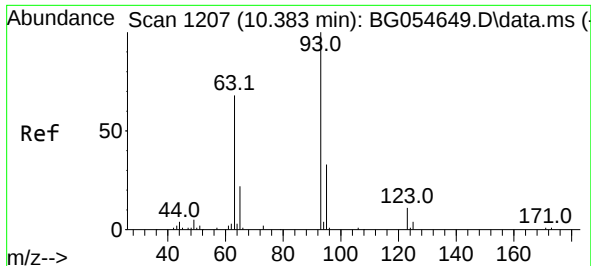
Tgt Ion	Ratio	Lower	Upper
139	100		
65	48.6	40.8	61.2
109	30.8	24.2	36.2



#26
2,4-Dimethylphenol
Concen: 4.037 ng/ul
RT: 10.135 min Scan# 1165
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion	Ratio	Lower	Upper
107	100		
121	50.5	42.1	63.1
122	90.3	70.6	105.8





#27

Bis(2-Chloroethoxy)methane

Concen: 4.373 ng/ul

RT: 10.376 min Scan# 1206

Delta R.T. -0.009 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_G

ClientSampleId :

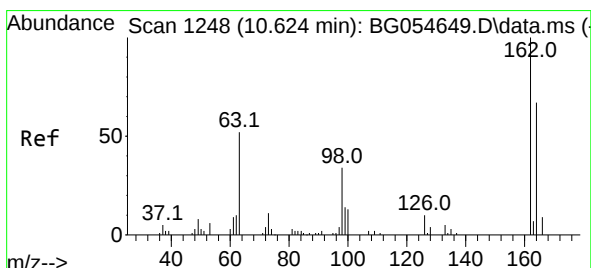
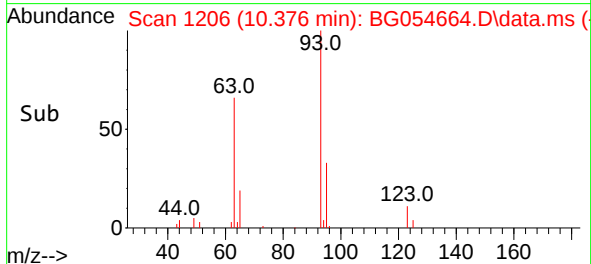
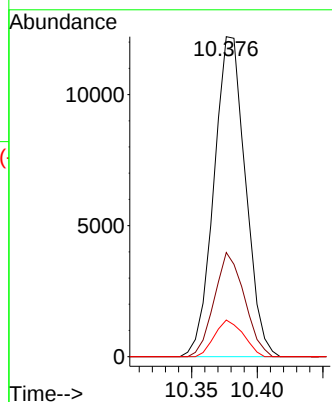
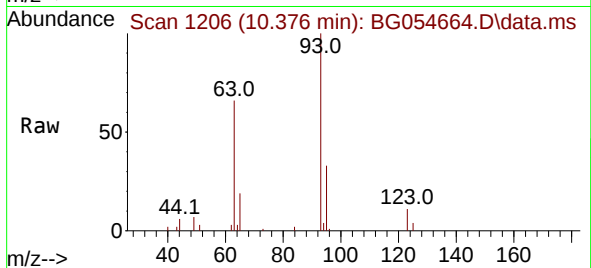
Tgt Ion: 93 Resp: 20386

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 11.4 9.0 13.6



#29

2,4-Dichlorophenol

Concen: 4.232 ng/ul

RT: 10.617 min Scan# 1247

Delta R.T. -0.009 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

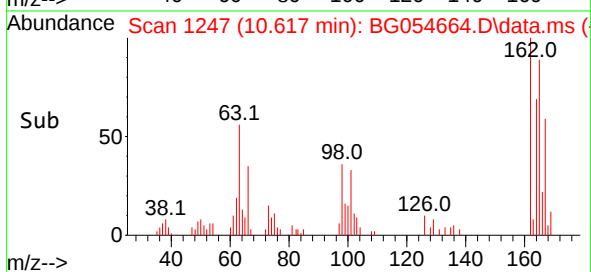
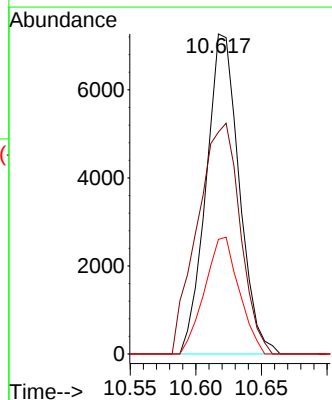
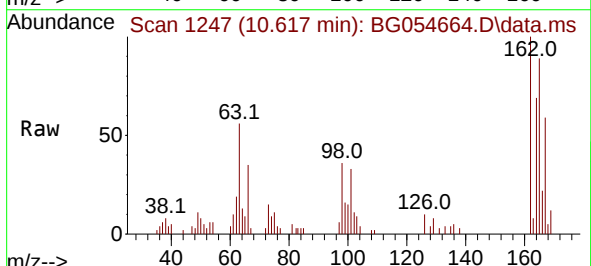
Tgt Ion:162 Resp: 12737

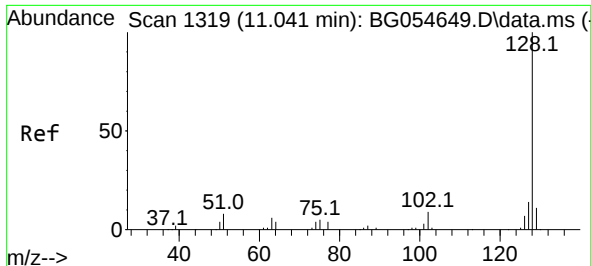
Ion Ratio Lower Upper

162 100

164 69.4 55.7 83.5

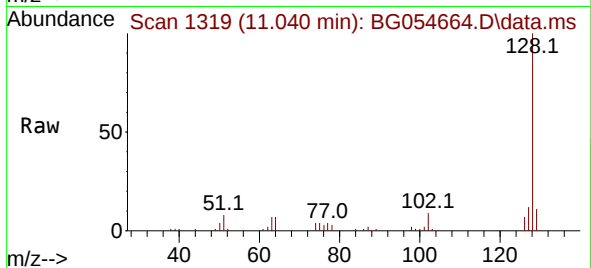
98 35.8 29.1 43.7



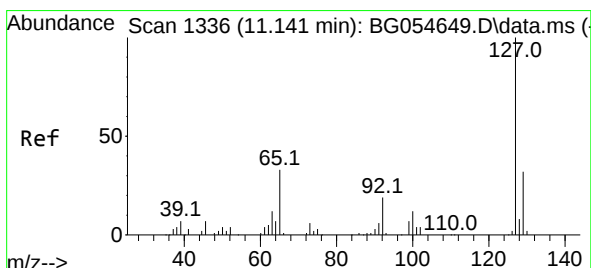
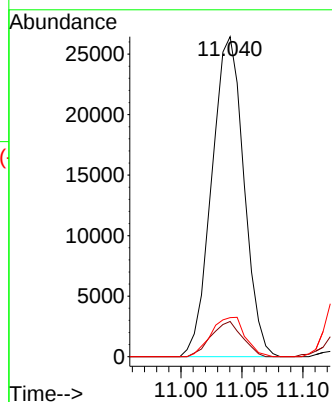
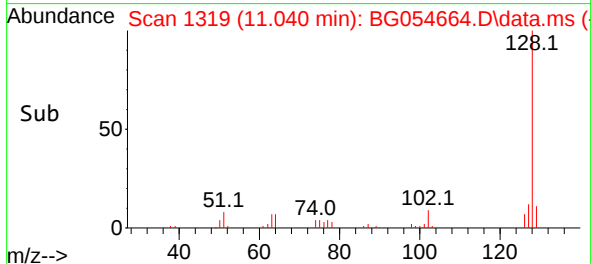


#30
Naphthalene
Concen: 4.443 ng/ul
RT: 11.040 min Scan# 1319
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Instrument :
BNA_G
ClientSampleId :

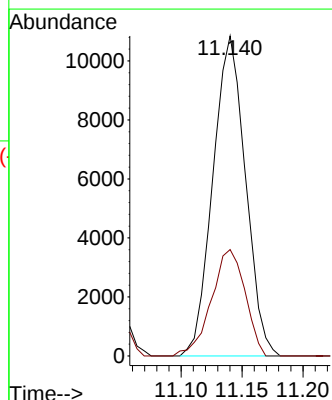
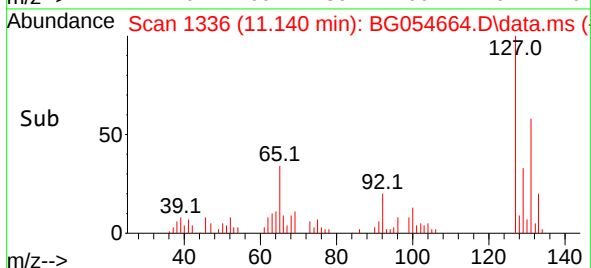
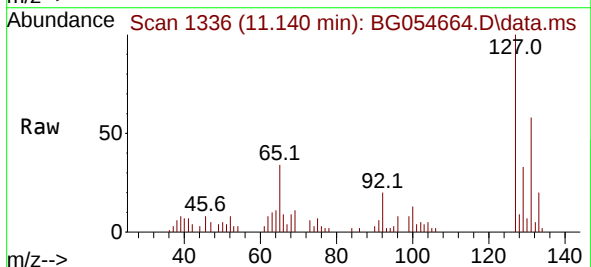


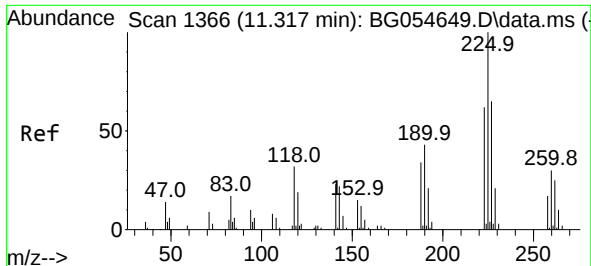
Tgt Ion:128 Resp: 48491
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.2 10.7 16.1



#32
4-Chloroaniline
Concen: 4.408 ng/ul
RT: 11.140 min Scan# 1336
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion:127 Resp: 20185
Ion Ratio Lower Upper
127 100
129 33.3 24.4 36.6

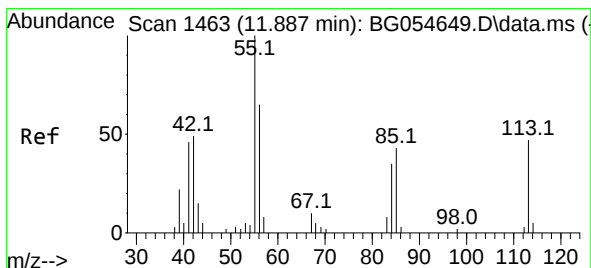
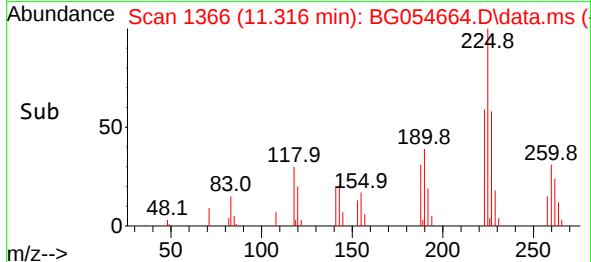
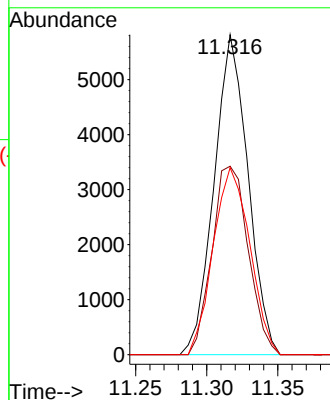
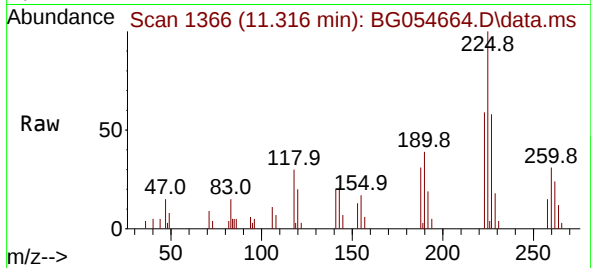




#33
Hexachlorobutadiene
Concen: 4.274 ng/ul
RT: 11.316 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

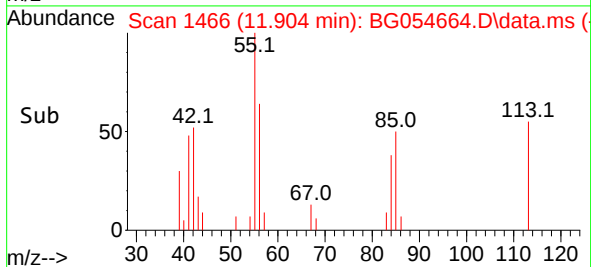
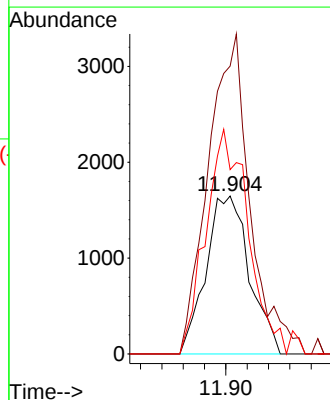
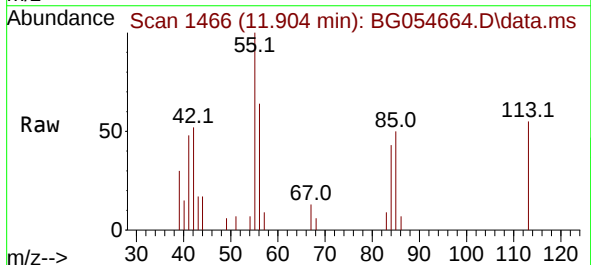
Instrument :
BNA_G
ClientSampleId :

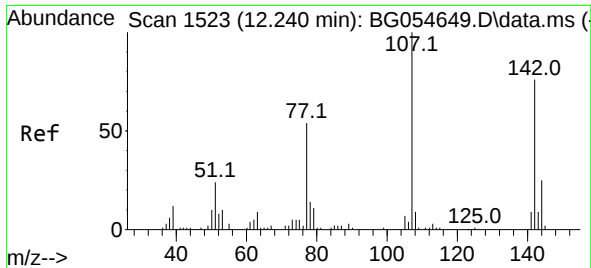
Tgt Ion:225 Resp: 9648
Ion Ratio Lower Upper
225 100
223 58.9 51.5 77.3
227 58.4 53.1 79.7



#34
Caprolactam
Concen: 4.534 ng/ul
RT: 11.904 min Scan# 1466
Delta R.T. 0.008 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion:113 Resp: 4656
Ion Ratio Lower Upper
113 100
55 182.3 171.4 257.0
56 116.7 116.2 174.4

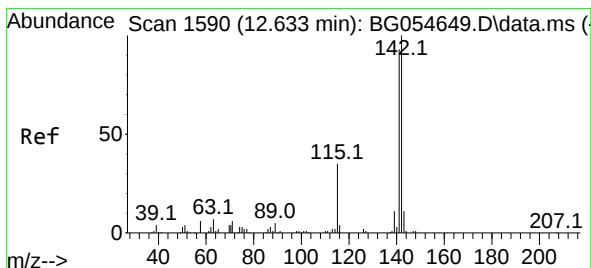
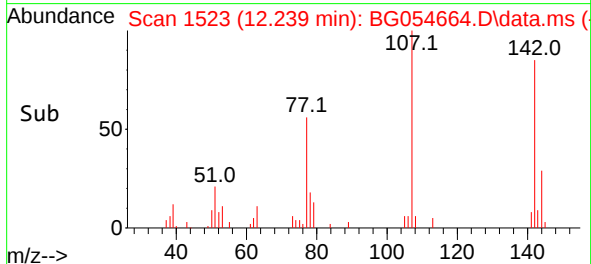
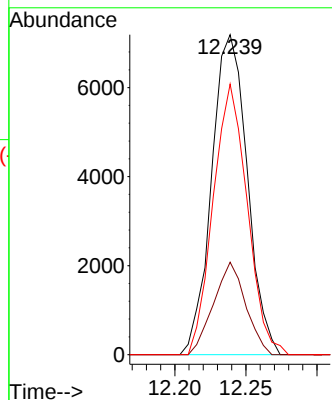
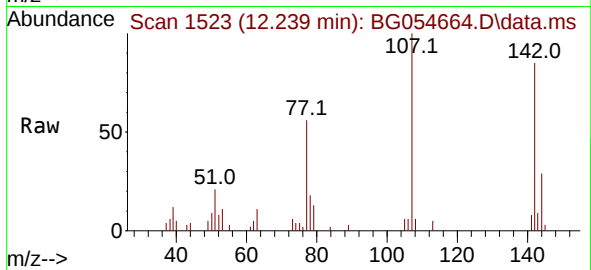




#35
 4-Chloro-3-methylphenol
 Concen: 3.823 ng/ul
 RT: 12.239 min Scan# 1523
 Delta R.T. -0.003 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18

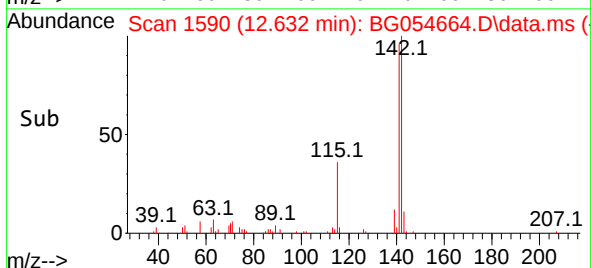
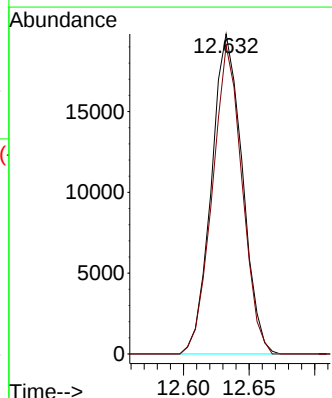
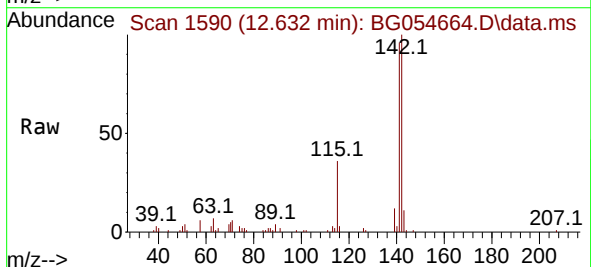
Instrument :
 BNA_G
 ClientSampleId :

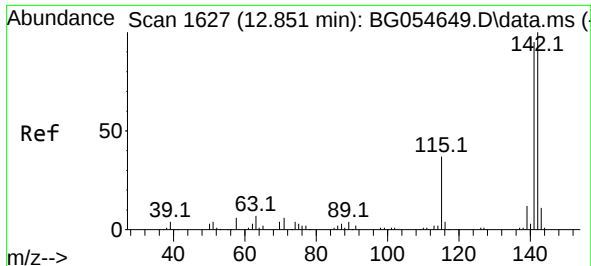
Tgt Ion:107	Resp:	12547
Ion Ratio	Lower	Upper
107	100	
144	28.9	21.2 31.8
142	84.6	63.4 95.0



#36
 2-Methylnaphthalene
 Concen: 4.352 ng/ul
 RT: 12.632 min Scan# 1590
 Delta R.T. -0.003 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18

Tgt Ion:142	Resp:	32409
Ion Ratio	Lower	Upper
142	100	
141	96.4	73.0 109.6





#37

1-Methylnaphthalene

Concen: 4.563 ng/ul

RT: 12.850 min Scan# 1

Delta R.T. -0.003 min

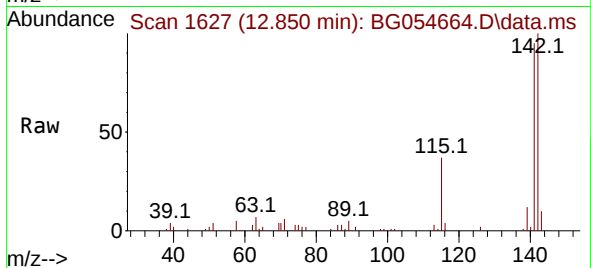
Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_G

ClientSampleId :



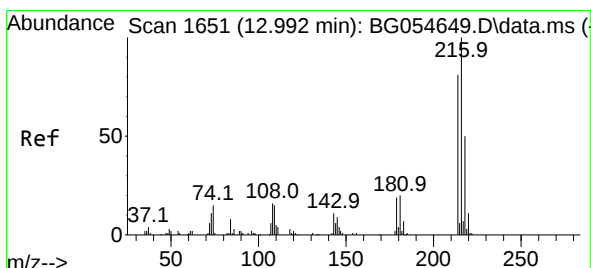
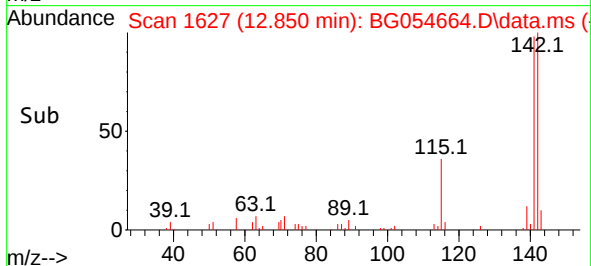
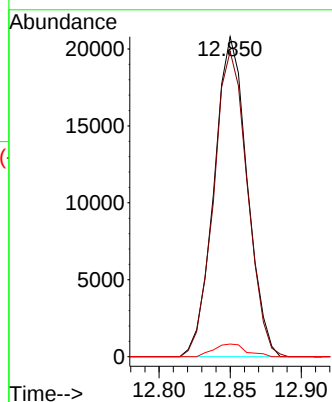
Tgt Ion:142 Resp: 33760

Ion Ratio Lower Upper

142 100

141 95.4 75.0 112.4

116 3.9 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.434 ng/ul

RT: 12.991 min Scan# 1651

Delta R.T. -0.003 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

Tgt Ion:216 Resp: 18498

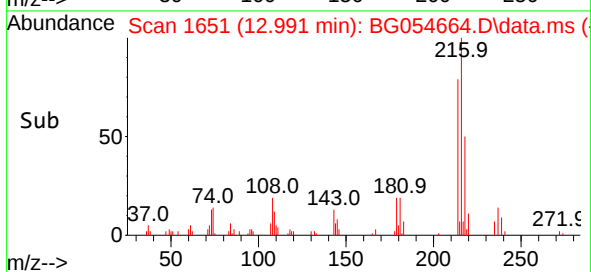
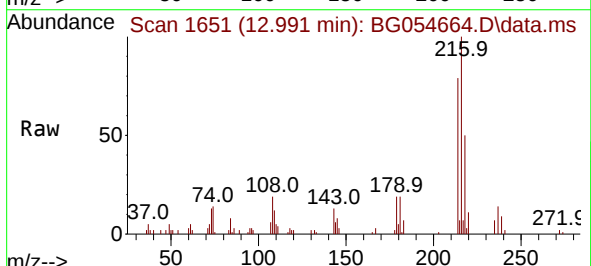
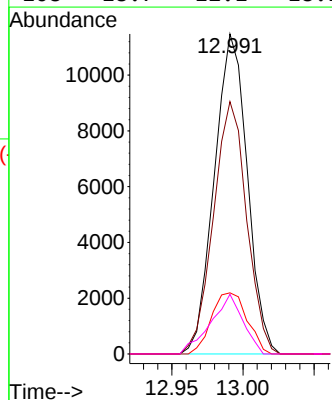
Ion Ratio Lower Upper

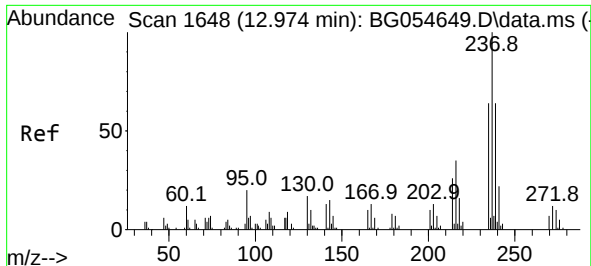
216 100

214 78.9 63.7 95.5

179 19.1 15.8 23.6

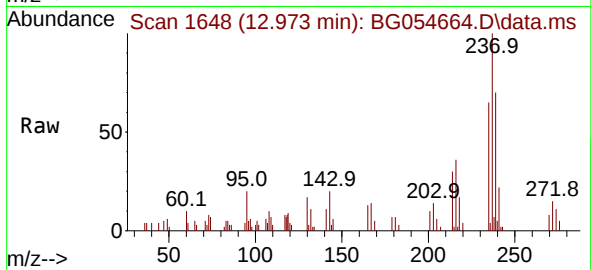
108 18.7 12.1 18.1#



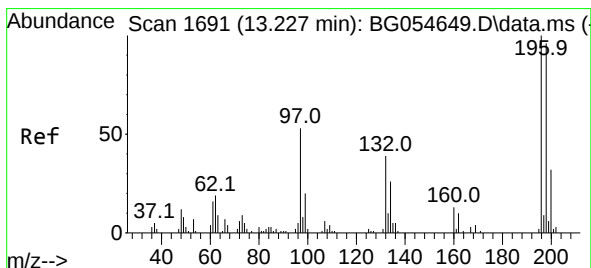
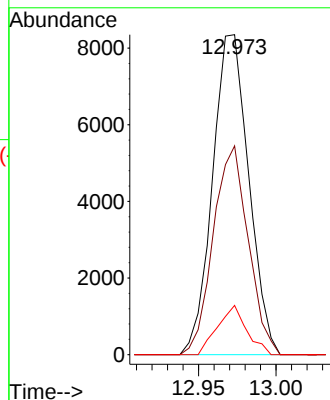
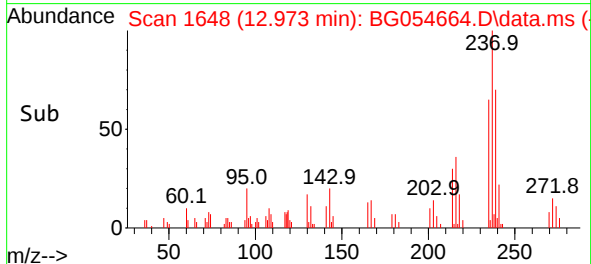


#40
Hexachlorocyclopentadiene
Concen: 5.123 ng/ul
RT: 12.973 min Scan# 1648
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Instrument :
BNA_G
ClientSampleId :

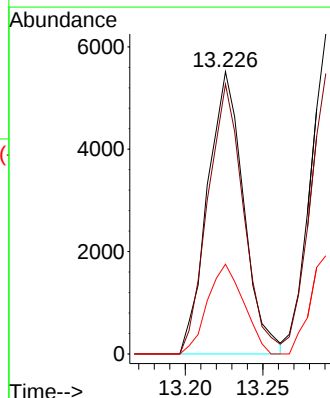
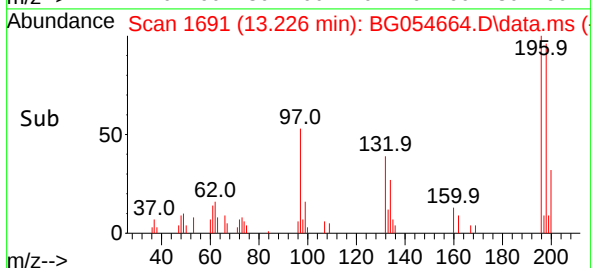
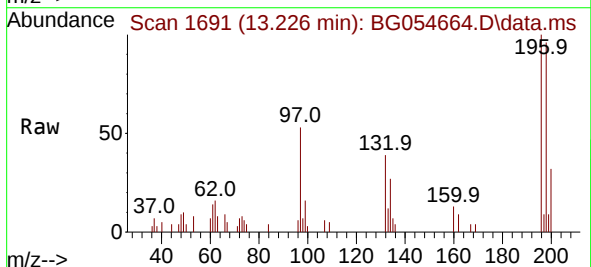


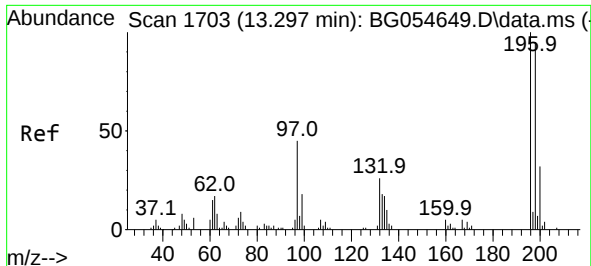
Tgt Ion:237 Resp: 13562
Ion Ratio Lower Upper
237 100
235 69.0 50.9 76.3
272 15.4 11.3 16.9



#41
2,4,6-Trichlorophenol
Concen: 3.642 ng/ul
RT: 13.226 min Scan# 1691
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion:196 Resp: 8918
Ion Ratio Lower Upper
196 100
198 95.6 77.5 116.3
200 31.8 23.4 35.2





#42

2,4,5-Trichlorophenol

Concen: 3.896 ng/ul

RT: 13.291 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_G

ClientSampleId :

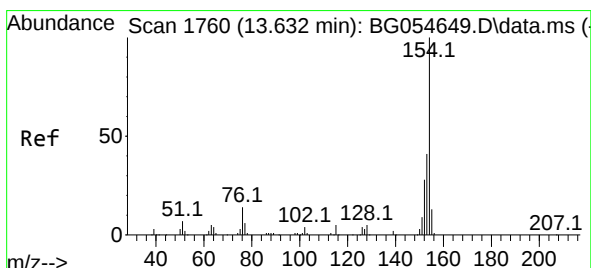
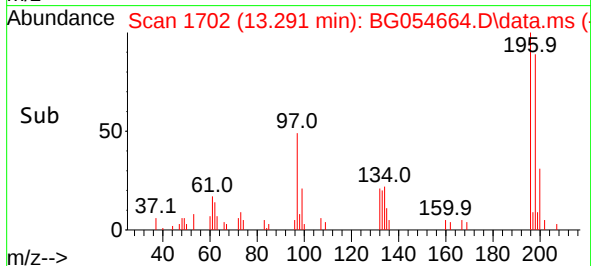
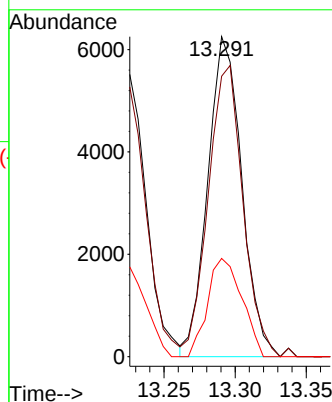
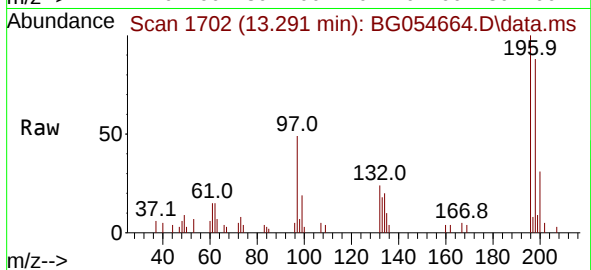
Tgt Ion:196 Resp: 10386

Ion Ratio Lower Upper

196 100

198 87.7 78.2 117.2

200 30.7 25.4 38.0



#43

1,1'-Biphenyl

Concen: 4.579 ng/ul

RT: 13.631 min Scan# 1760

Delta R.T. -0.003 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

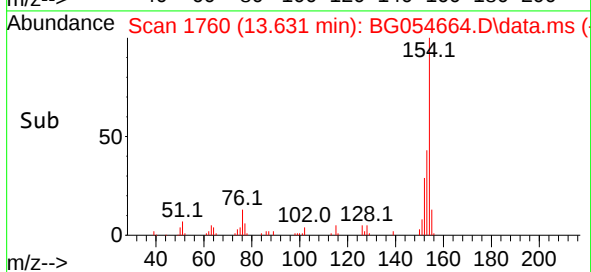
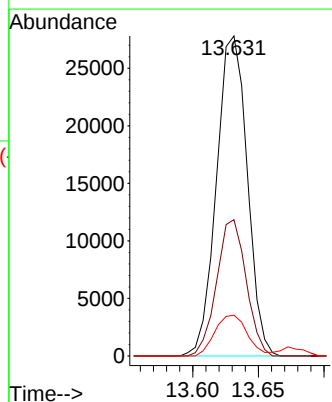
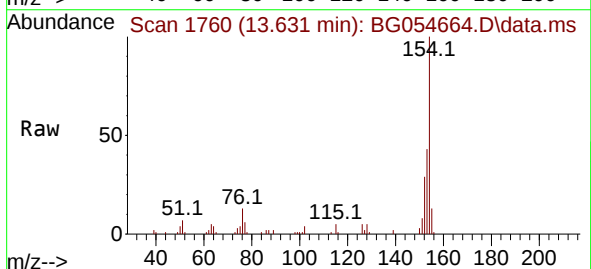
Tgt Ion:154 Resp: 45318

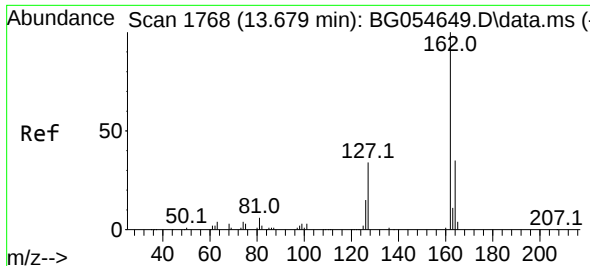
Ion Ratio Lower Upper

154 100

153 42.6 33.8 50.6

76 12.7 11.0 16.6

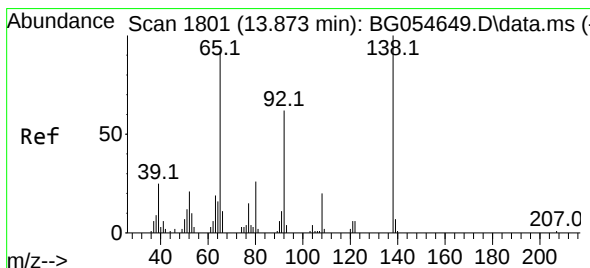
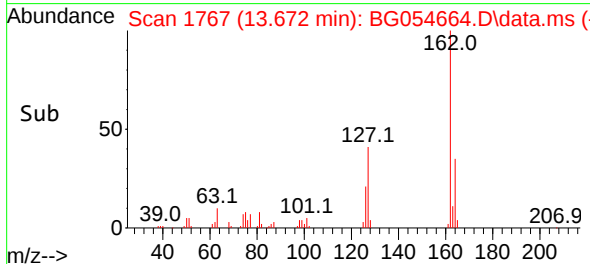
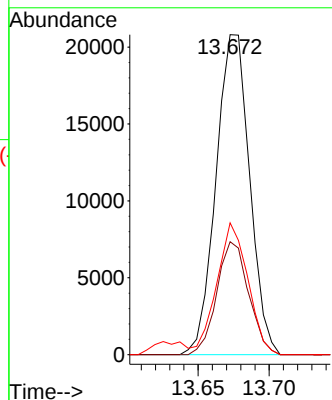
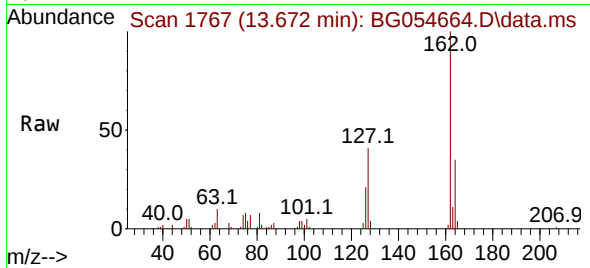




#44
2-Chloronaphthalene
Concen: 4.572 ng/ul
RT: 13.672 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

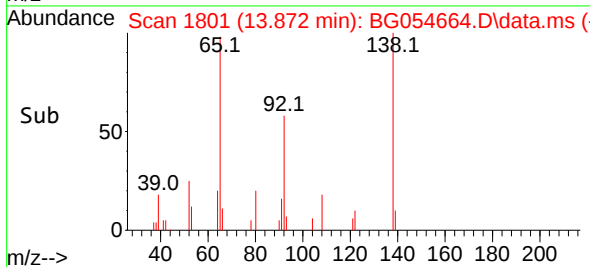
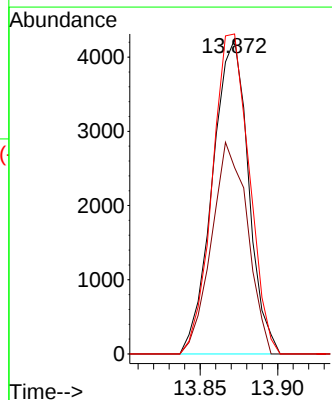
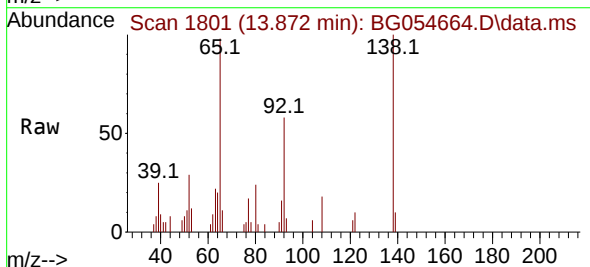
Instrument :
BNA_G
ClientSampleId :

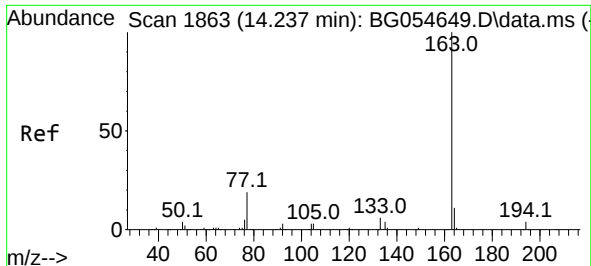
Tgt Ion:162 Resp: 34279
Ion Ratio Lower Upper
162 100
164 35.3 26.0 39.0
127 41.2 31.4 47.0



#45
2-Nitroaniline
Concen: 3.886 ng/ul
RT: 13.872 min Scan# 1801
Delta R.T. 0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion: 65 Resp: 6836
Ion Ratio Lower Upper
65 100
92 59.2 55.3 82.9
138 101.7 78.8 118.2





#47

Dimethylphthalate

Concen: 4.472 ng/ul

RT: 14.236 min Scan# 1863

Delta R.T. -0.003 min

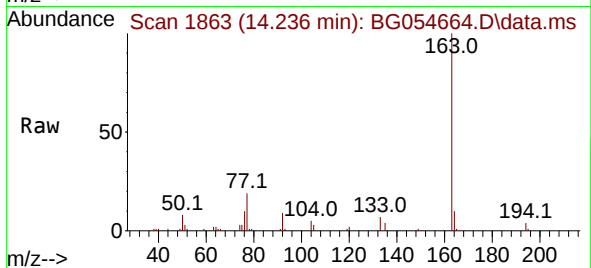
Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

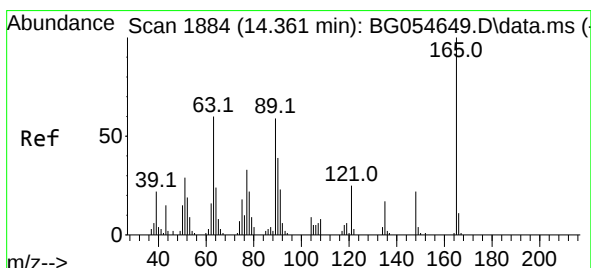
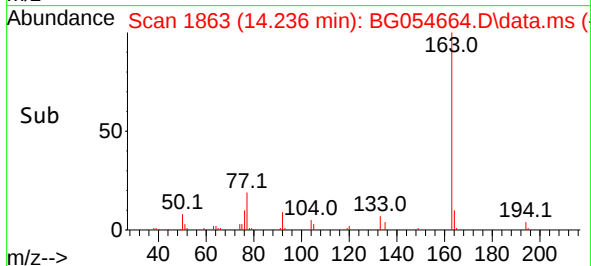
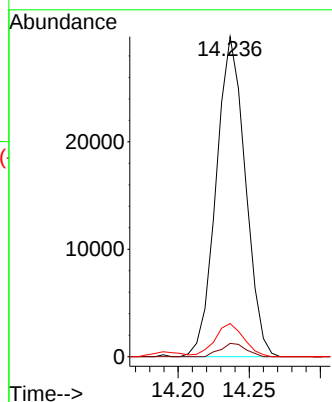
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	163	Resp:	42525
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	10.3	8.7	13.1



#48

2,6-Dinitrotoluene

Concen: 3.916 ng/ul

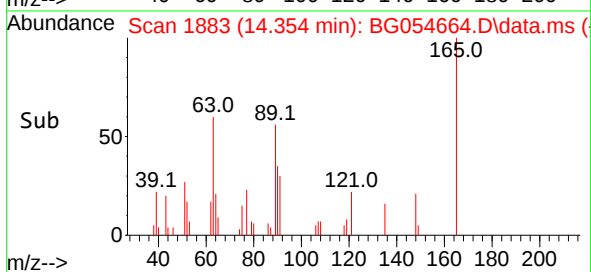
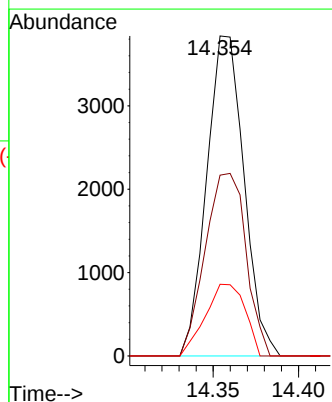
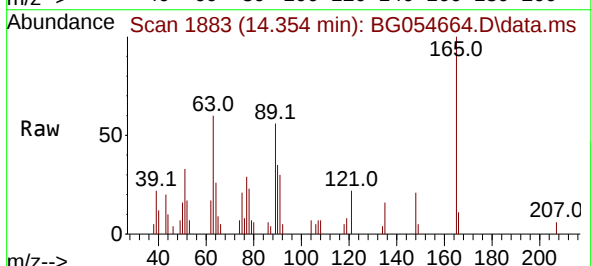
RT: 14.354 min Scan# 1883

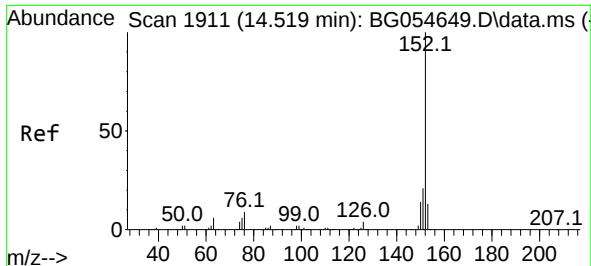
Delta R.T. -0.009 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

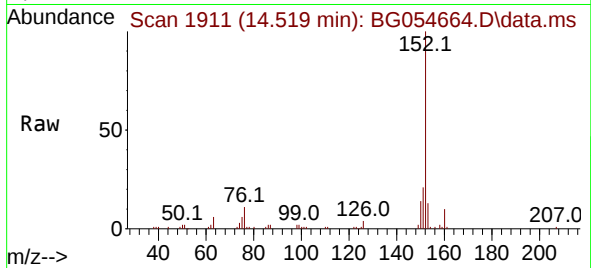
Tgt Ion:	165	Resp:	5828
Ion Ratio	Lower	Upper	
165	100		
89	56.5	48.7	73.1
121	22.4	18.2	27.2



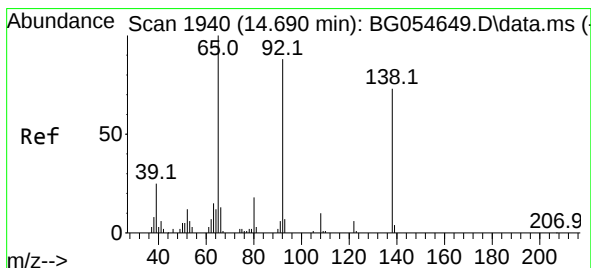
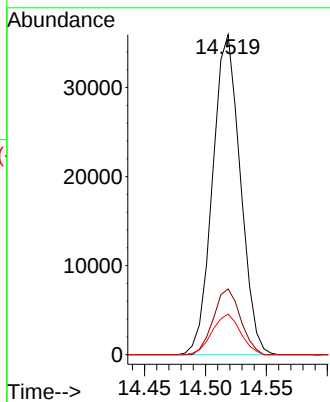
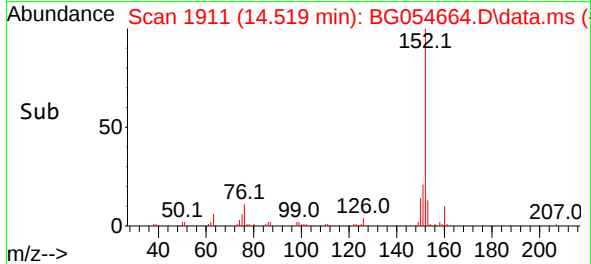


#50
Acenaphthylene
Concen: 4.563 ng/ul
RT: 14.519 min Scan# 1911
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Instrument :
BNA_G
ClientSampleId :

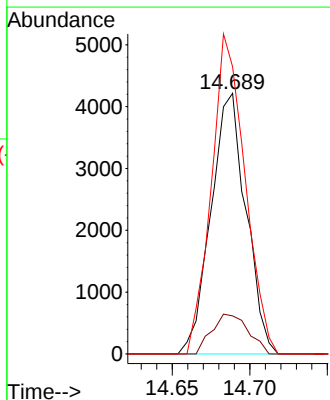
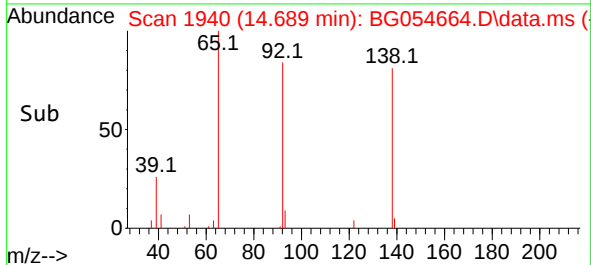
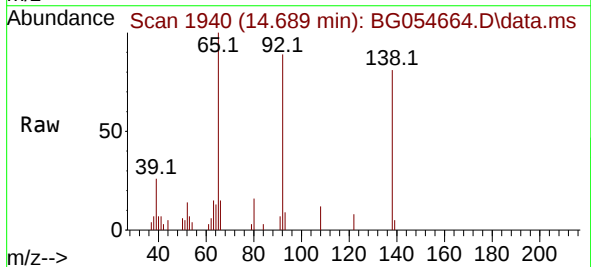


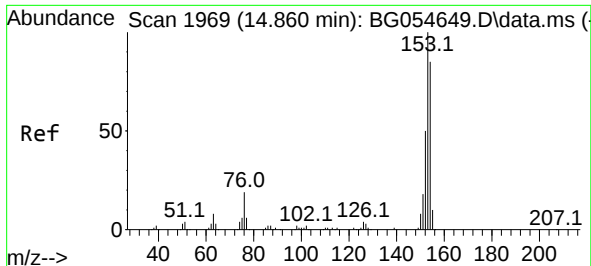
Tgt Ion:152 Resp: 56954
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 12.7 10.5 15.7



#51
3-Nitroaniline
Concen: 4.184 ng/ul
RT: 14.689 min Scan# 1940
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion:138 Resp: 6624
Ion Ratio Lower Upper
138 100
108 14.6 12.8 19.2
92 110.2 93.7 140.5

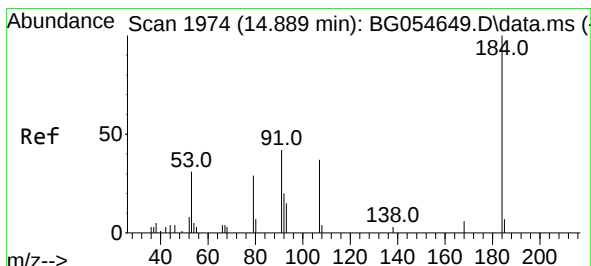
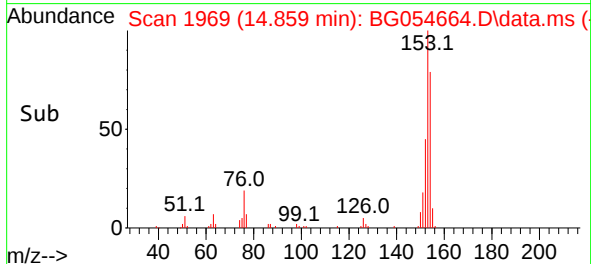
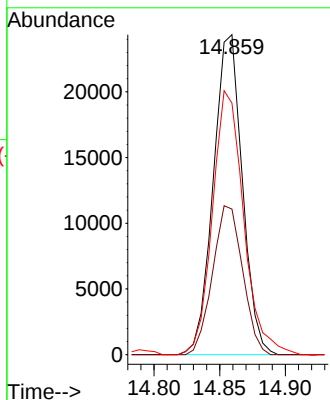
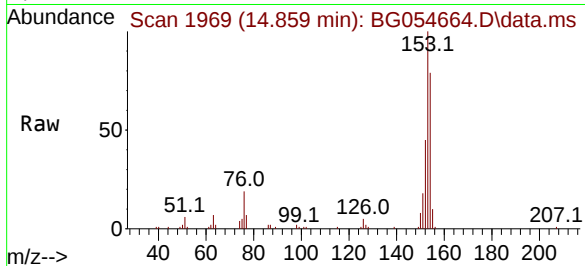




#52
Acenaphthene
Concen: 4.509 ng/ul
RT: 14.859 min Scan# 1969
Delta R.T. 0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

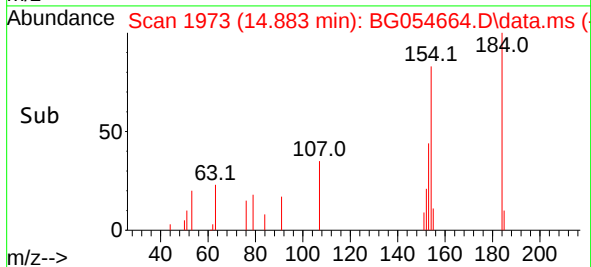
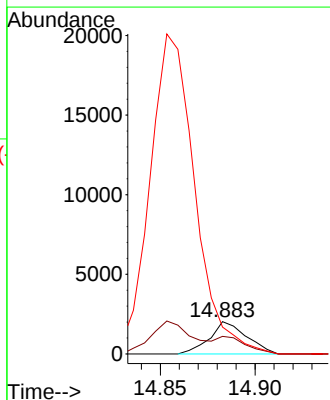
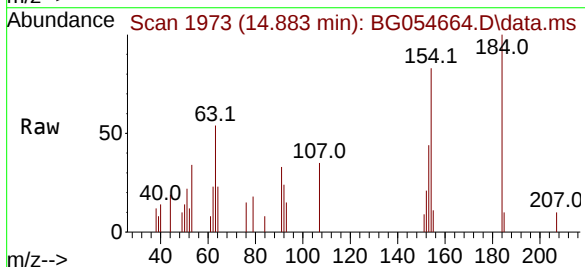
Instrument :
BNA_G
ClientSampleId :

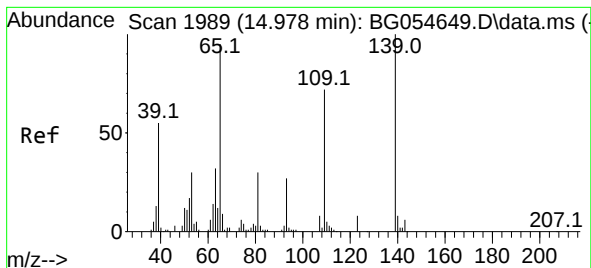
Tgt Ion:153 Resp: 37401
Ion Ratio Lower Upper
153 100
152 45.5 36.9 55.3
154 78.6 68.2 102.2



#53
2,4-Dinitrophenol
Concen: 3.688 ng/ul
RT: 14.883 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

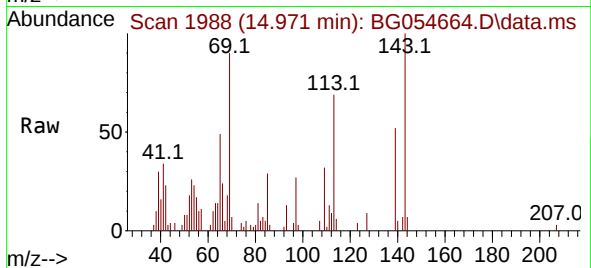
Tgt Ion:184 Resp: 2740
Ion Ratio Lower Upper
184 100
63 54.4 42.0 63.0
154 83.0 48.9 73.3#



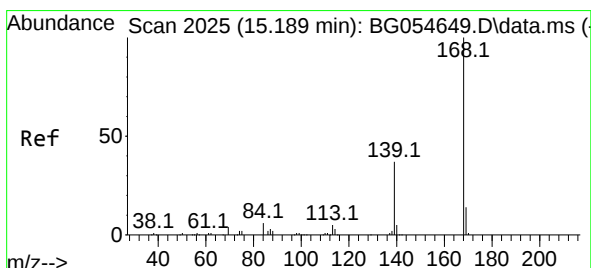
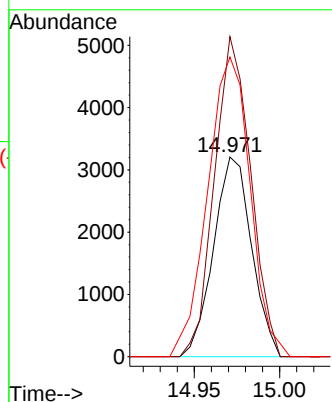
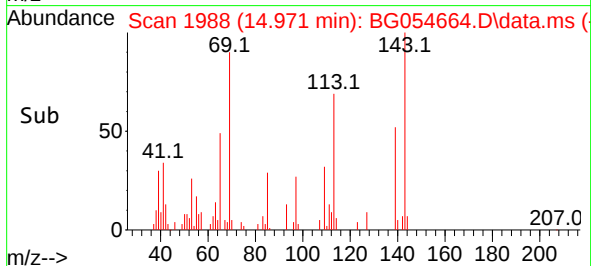


#55
4-Nitrophenol
Concen: 4.059 ng/ul
RT: 14.971 min Scan# 1988
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Instrument :
BNA_G
ClientSampleId :

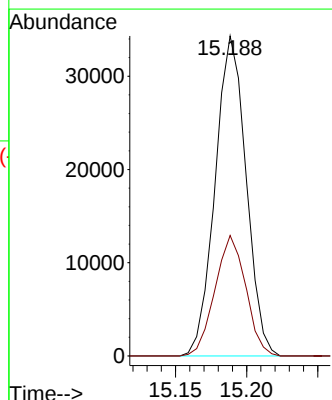
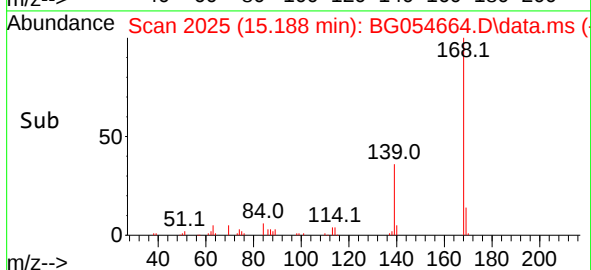
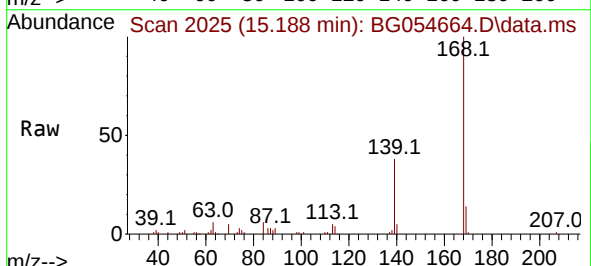


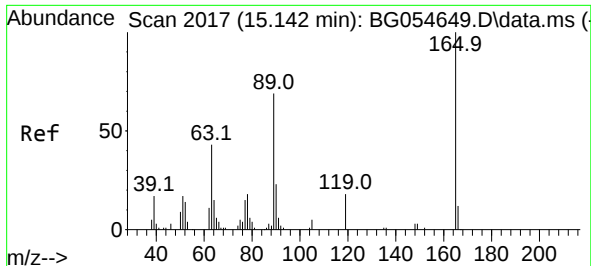
Tgt Ion:109 Resp: 4971
Ion Ratio Lower Upper
109 100
139 160.2 105.4 158.0#
65 150.1 110.2 165.4



#56
Dibenzofuran
Concen: 4.547 ng/ul
RT: 15.188 min Scan# 2025
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion:168 Resp: 51954
Ion Ratio Lower Upper
168 100
139 37.7 29.4 44.2





#57

2,4-Dinitrotoluene

Concen: 4.118 ng/ul

RT: 15.141 min Scan# 2017

Delta R.T. -0.003 min

Lab File: BG054664.D

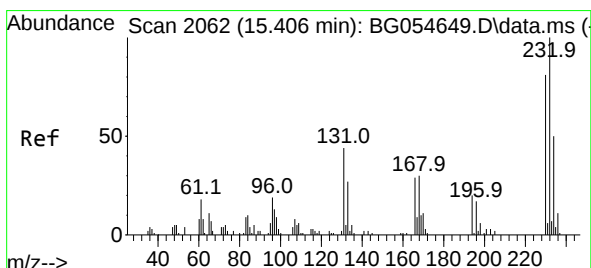
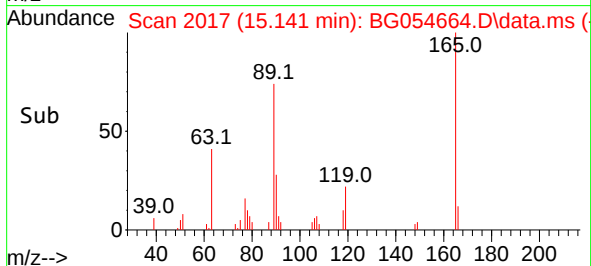
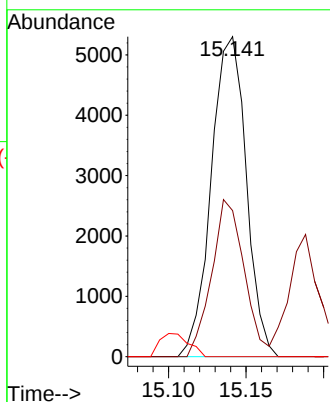
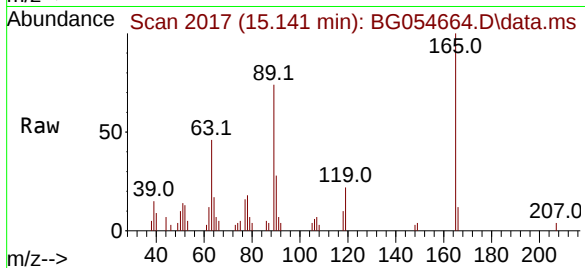
Acq: 19 Aug 2022 14:18

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:165	Resp:	8310
Ion Ratio	Lower	Upper
165	100	
63	45.7	35.0 52.4
182	0.0	2.1 3.1#



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.602 ng/ul

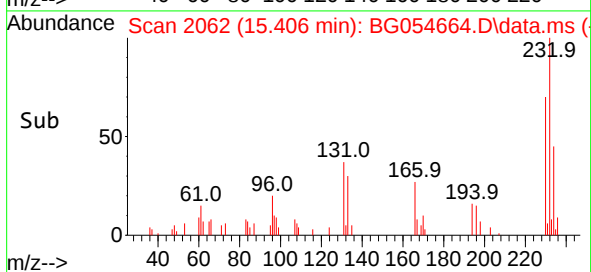
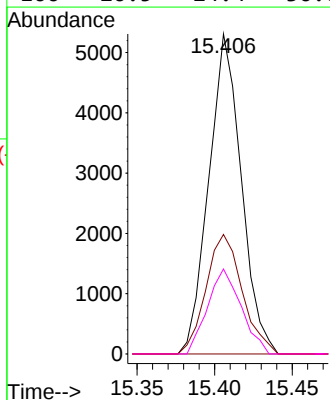
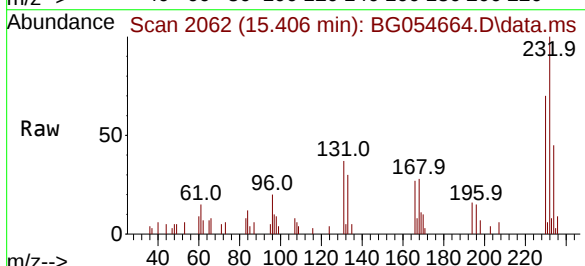
RT: 15.406 min Scan# 2062

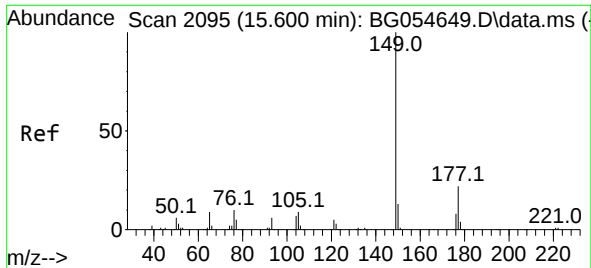
Delta R.T. -0.003 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

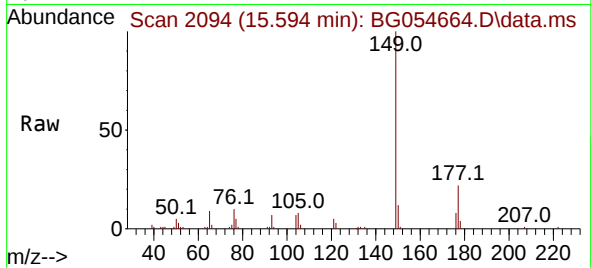
Tgt Ion:232	Resp:	7729
Ion Ratio	Lower	Upper
232	100	
131	37.4	33.8 50.8
130	0.0	2.0 3.0#
166	26.5	24.4 36.6



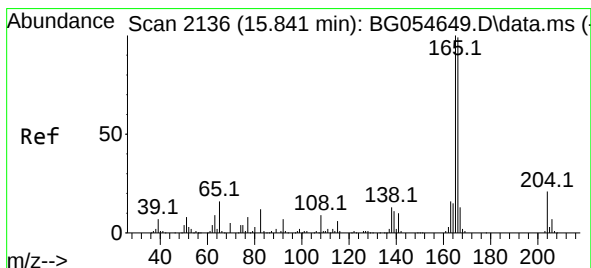
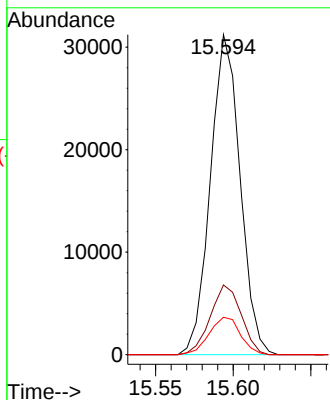
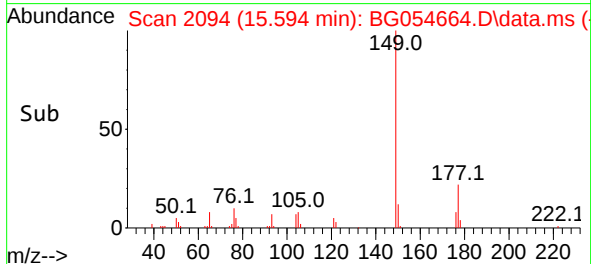


#59
Diethylphthalate
Concen: 4.404 ng/ul
RT: 15.594 min Scan# 2094
Delta R.T. -0.009 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Instrument :
BNA_G
ClientSampleId :

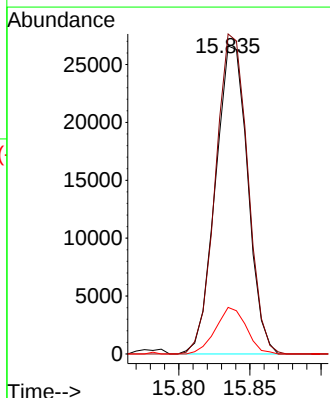
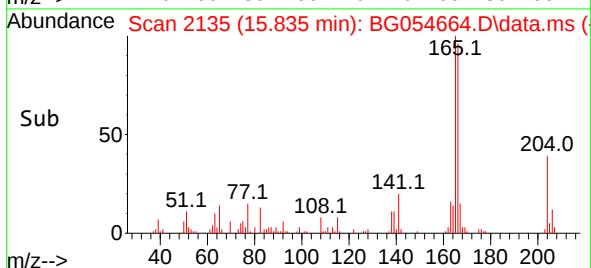
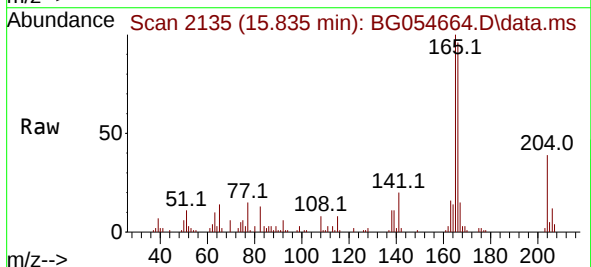


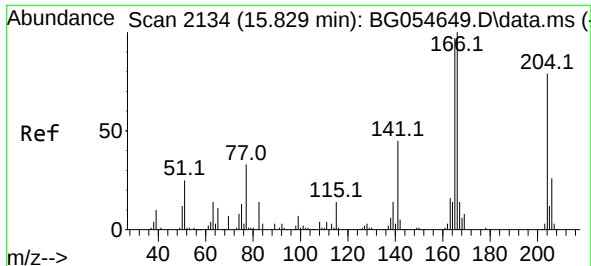
Tgt Ion:149 Resp: 41557
Ion Ratio Lower Upper
149 100
177 21.8 18.4 27.6
150 11.7 9.8 14.8



#61
Fluorene
Concen: 4.509 ng/ul
RT: 15.835 min Scan# 2135
Delta R.T. -0.009 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion:166 Resp: 42009
Ion Ratio Lower Upper
166 100
165 103.9 81.3 121.9
167 15.1 11.0 16.4





#62

4-Chlorophenyl-phenylether

Concen: 4.457 ng/ul

RT: 15.829 min Scan# 2134

Delta R.T. -0.003 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_G

ClientSampleId :

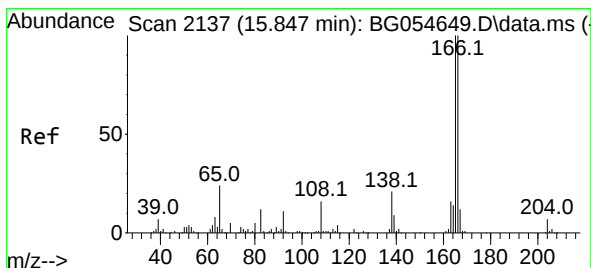
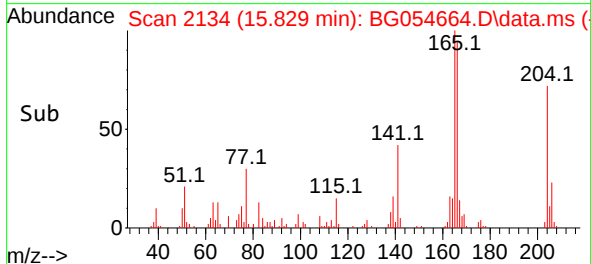
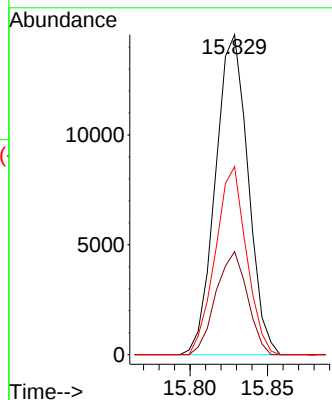
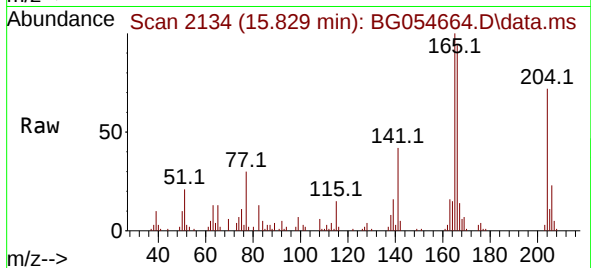
Tgt Ion:204 Resp: 21267

Ion Ratio Lower Upper

204 100

206 32.2 25.7 38.5

141 58.7 43.9 65.9



#63

4-Nitroaniline

Concen: 4.634 ng/ul

RT: 15.840 min Scan# 2136

Delta R.T. -0.009 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

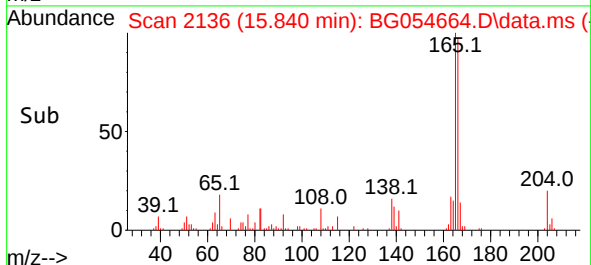
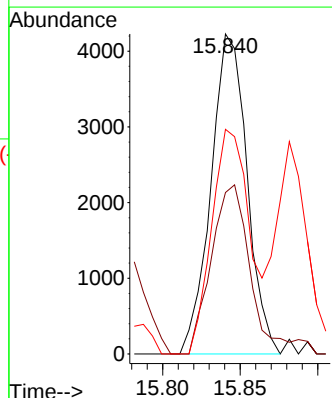
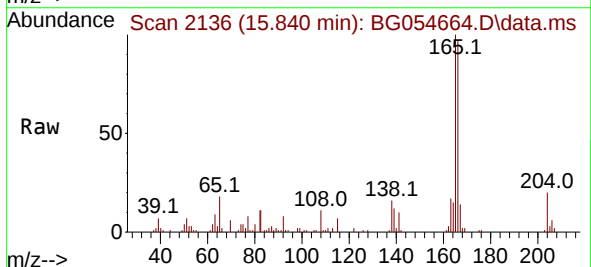
Tgt Ion:138 Resp: 6843

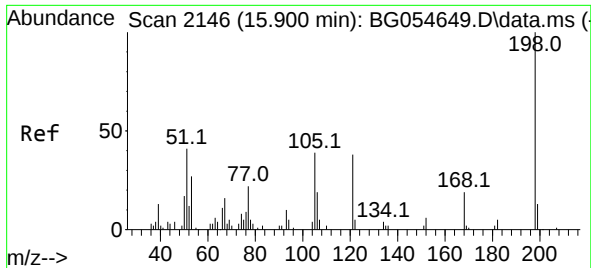
Ion Ratio Lower Upper

138 100

92 50.4 40.5 60.7

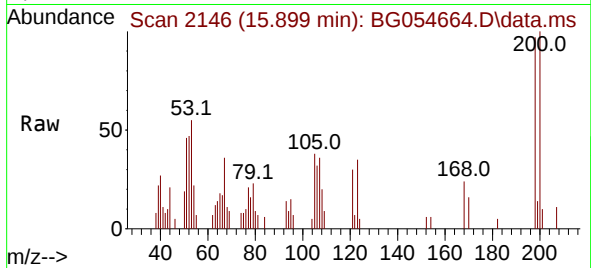
108 70.2 64.5 96.7



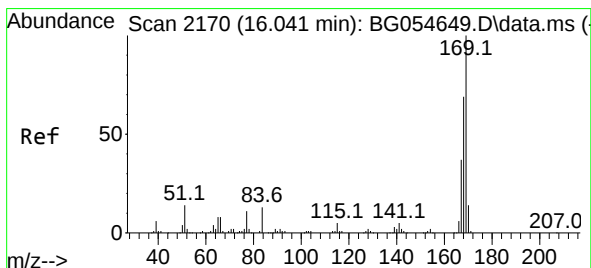
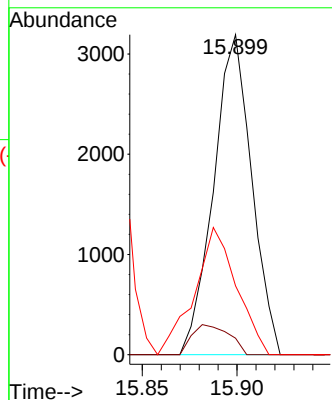
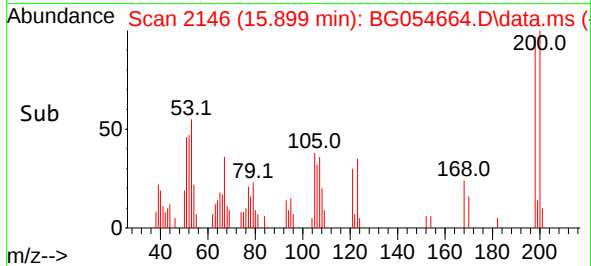


#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.038 ng/ul
 RT: 15.899 min Scan# 2146
 Delta R.T. -0.003 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18

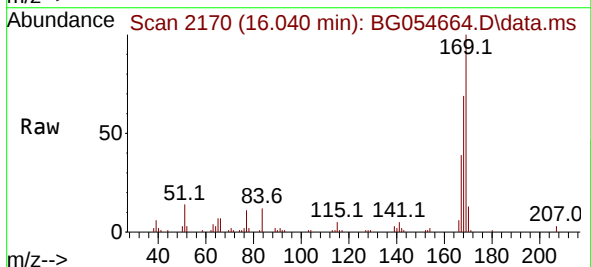
Instrument :
 BNA_G
 ClientSampleId :



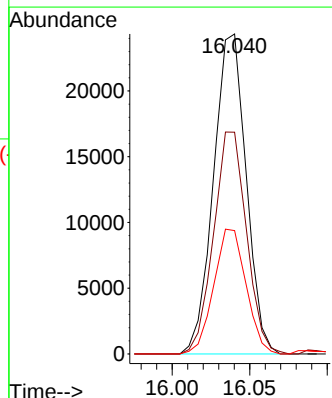
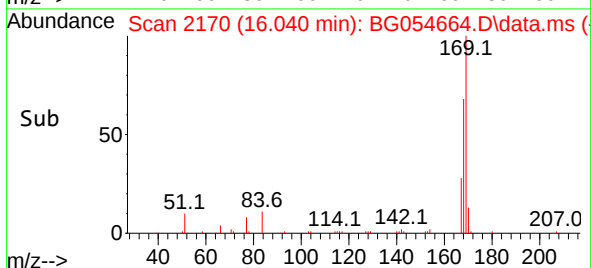
Tgt Ion:198 Resp: 4468
 Ion Ratio Lower Upper
 198 100
 182 5.2 4.0 6.0
 77 21.5 20.2 30.2

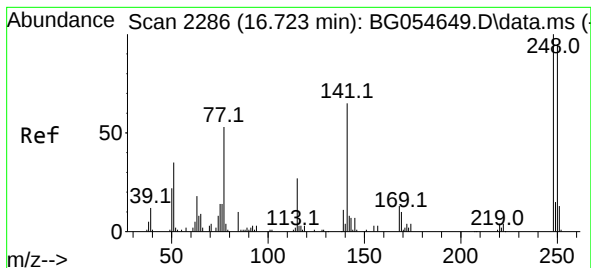


#67
 N-Nitrosodiphenylamine
 Concen: 4.332 ng/ul
 RT: 16.040 min Scan# 2170
 Delta R.T. -0.003 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18



Tgt Ion:169 Resp: 35638
 Ion Ratio Lower Upper
 169 100
 168 69.3 53.8 80.8
 167 38.6 29.4 44.0

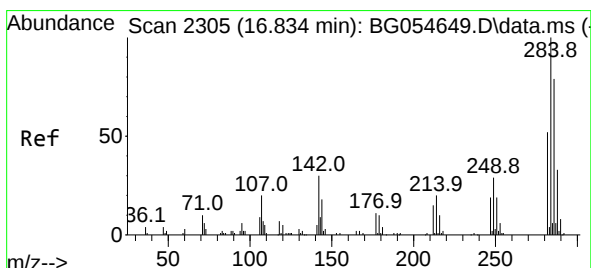
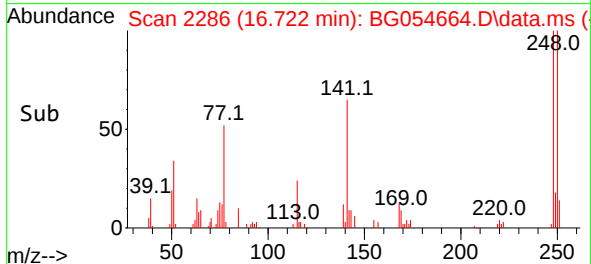
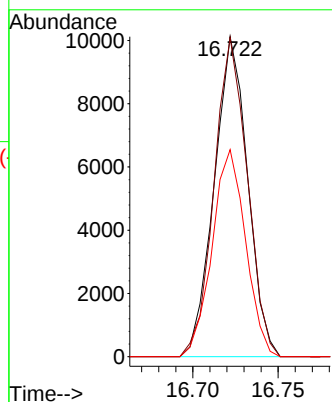
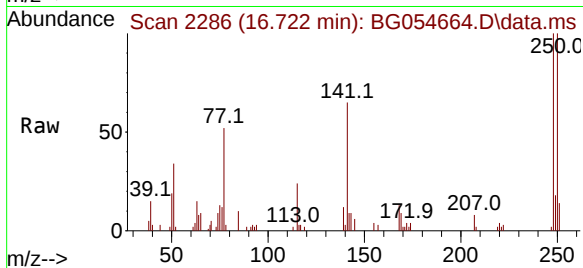




#68
 4-Bromophenyl-phenylether
 Concen: 4.386 ng/ul
 RT: 16.722 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18

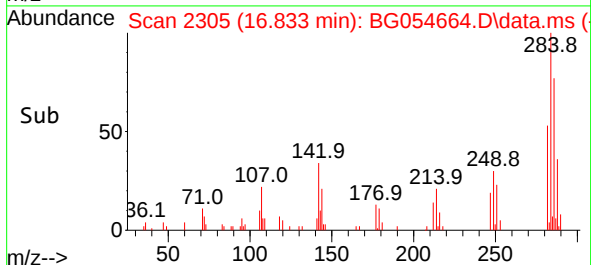
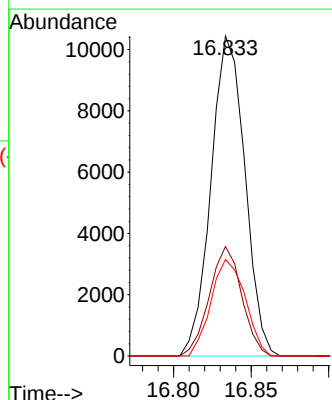
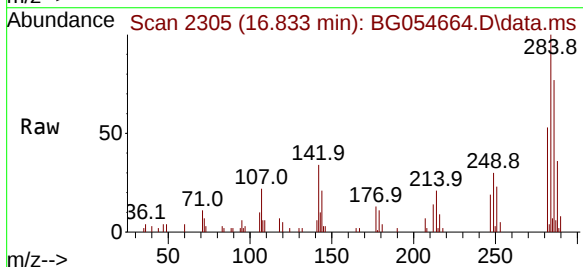
Instrument :
 BNA_G
 ClientSampleId :

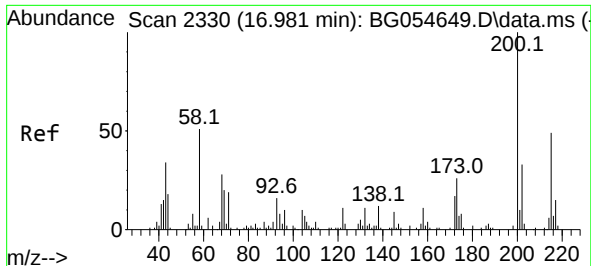
Tgt Ion:248 Resp: 13775
 Ion Ratio Lower Upper
 248 100
 250 99.7 79.1 118.7
 141 64.7 52.5 78.7



#69
 Hexachlorobenzene
 Concen: 4.424 ng/ul
 RT: 16.833 min Scan# 2305
 Delta R.T. -0.003 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18

Tgt Ion:284 Resp: 15854
 Ion Ratio Lower Upper
 284 100
 142 34.2 23.7 35.5
 249 30.2 24.2 36.2

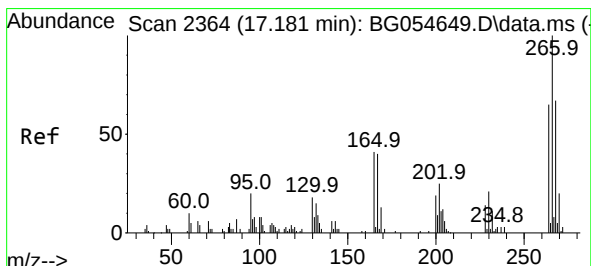
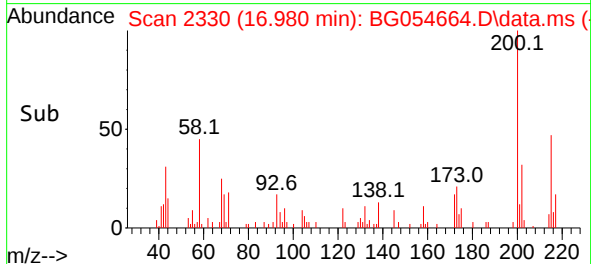
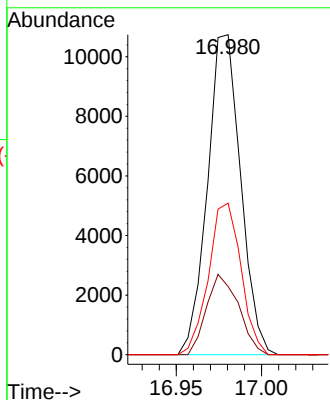
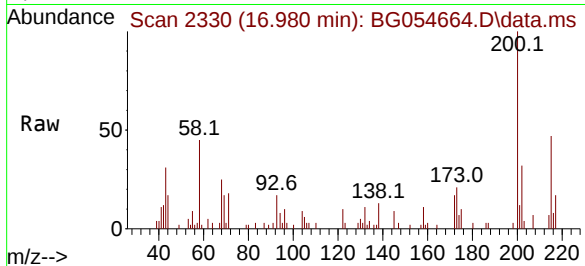




#70
Atrazine
Concen: 4.658 ng/ul
RT: 16.980 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

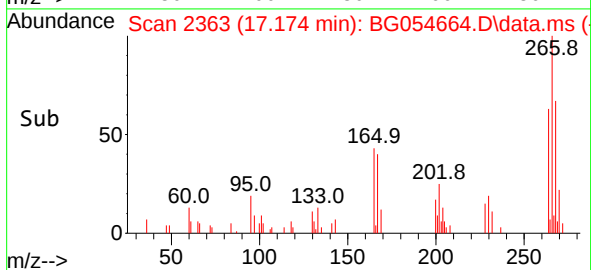
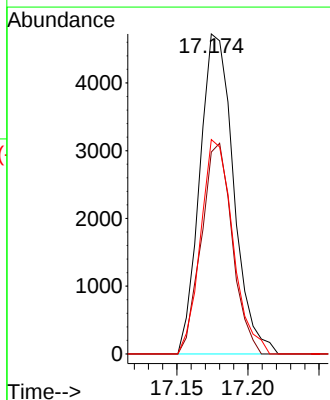
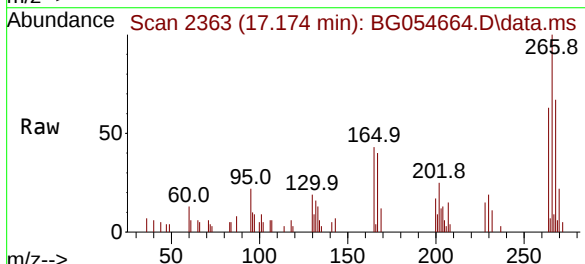
Instrument :
BNA_G
ClientSampleId :

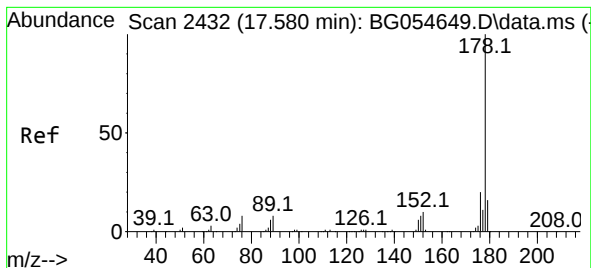
Tgt Ion:200 Resp: 14568
Ion Ratio Lower Upper
200 100
173 21.3 21.3 31.9
215 47.4 38.8 58.2



#71
Pentachlorophenol
Concen: 3.955 ng/ul
RT: 17.174 min Scan# 2363
Delta R.T. -0.009 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion:266 Resp: 7831
Ion Ratio Lower Upper
266 100
264 70.6 53.8 80.8
268 67.0 52.8 79.2





#72

Phenanthrene

Concen: 4.574 ng/ul

RT: 17.580 min Scan# 2432

Delta R.T. -0.003 min

Lab File: BG054664.D

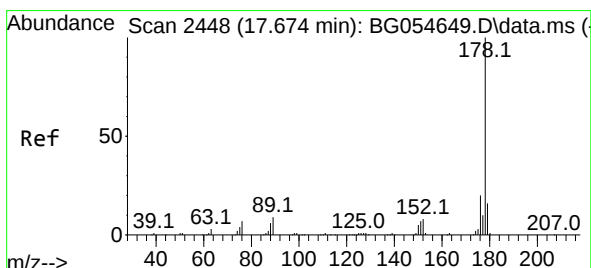
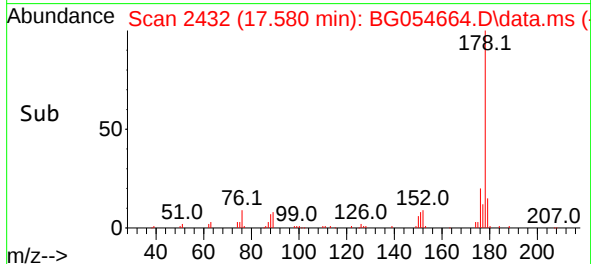
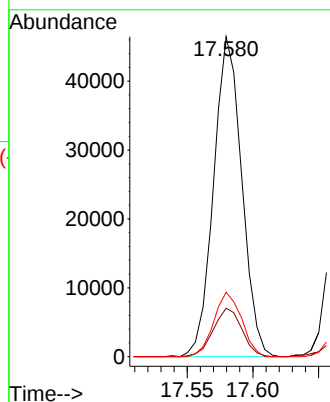
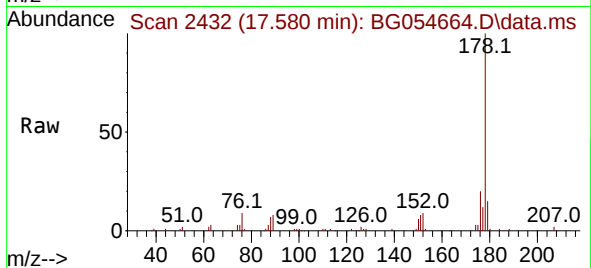
Acq: 19 Aug 2022 14:18

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:178	Resp:	69303
Ion Ratio	Lower	Upper
178	100	
179	15.1	12.8 19.2
176	20.1	15.6 23.4



#74

Anthracene

Concen: 4.539 ng/ul

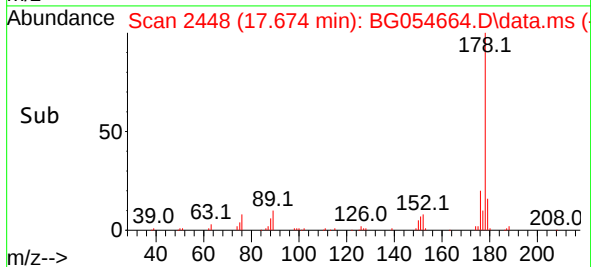
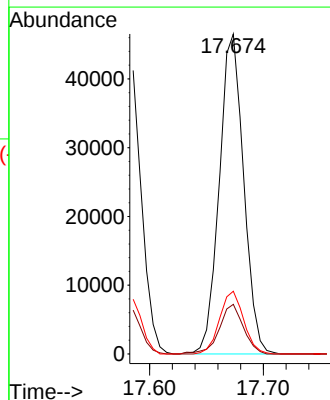
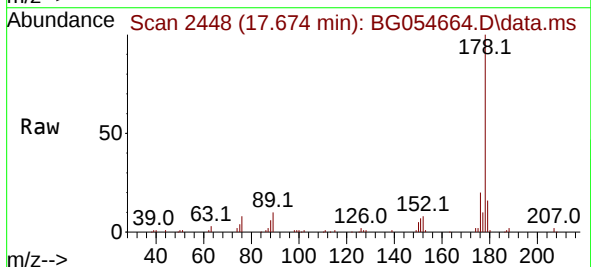
RT: 17.674 min Scan# 2448

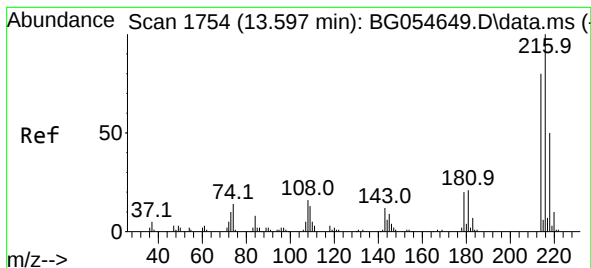
Delta R.T. -0.003 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

Tgt Ion:178	Resp:	69262
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.5 18.7
176	19.6	15.9 23.9

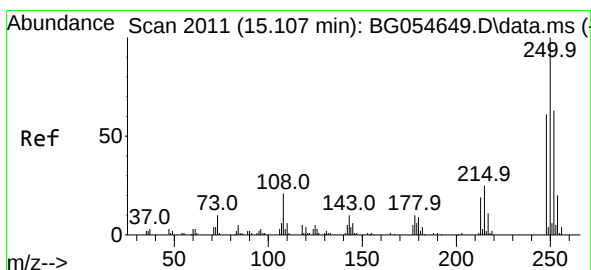
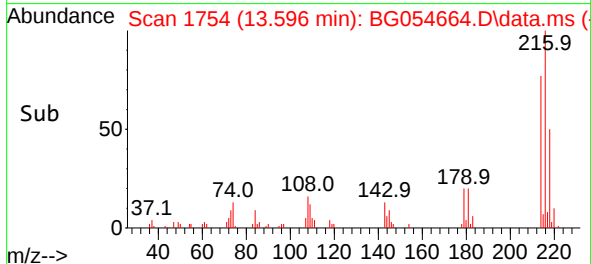
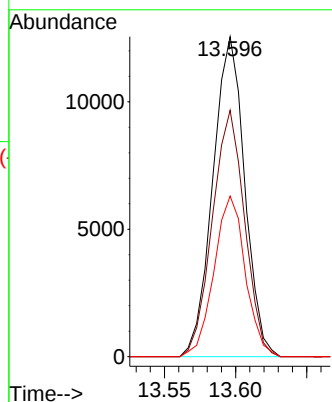
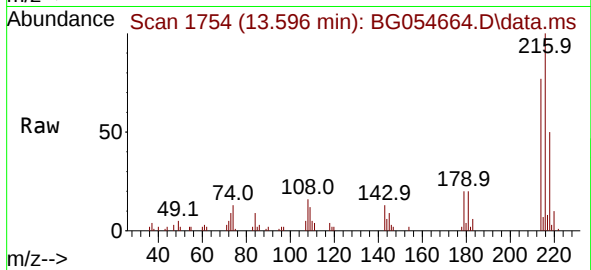




#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.467 ng/uL
RT: 13.596 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

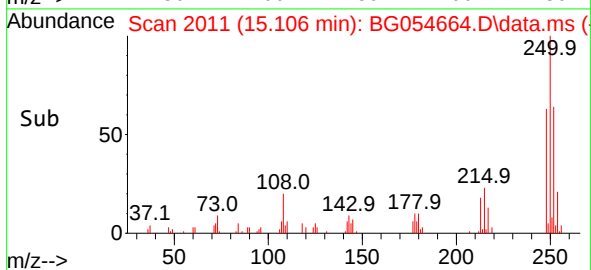
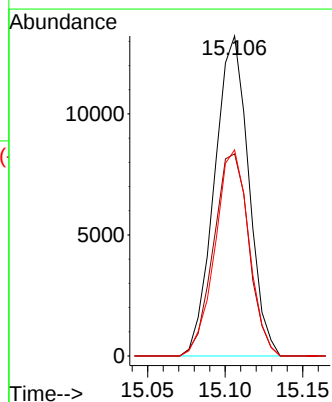
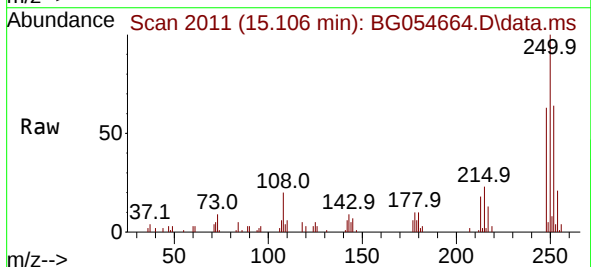
Instrument :
BNA_G
ClientSampleId :

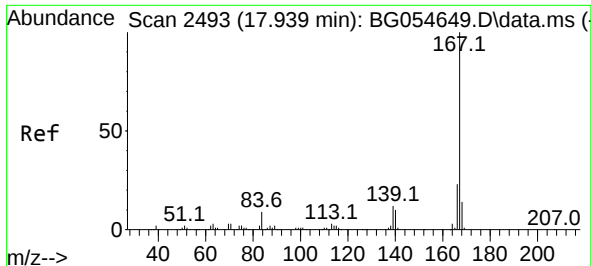
Tgt Ion:216 Resp: 19558
Ion Ratio Lower Upper
216 100
214 77.0 61.9 92.9
218 50.2 39.5 59.3



#76
Pentachlorobenzene
Concen: 4.847 ng/uL
RT: 15.106 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

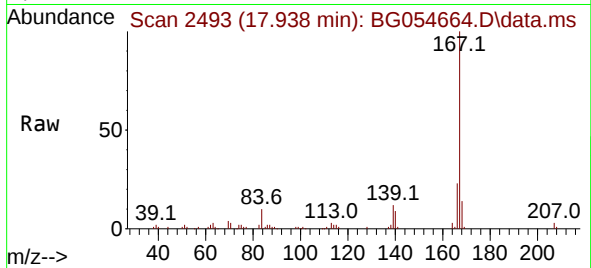
Tgt Ion:250 Resp: 20217
Ion Ratio Lower Upper
250 100
248 63.1 49.1 73.7
252 64.4 50.6 76.0



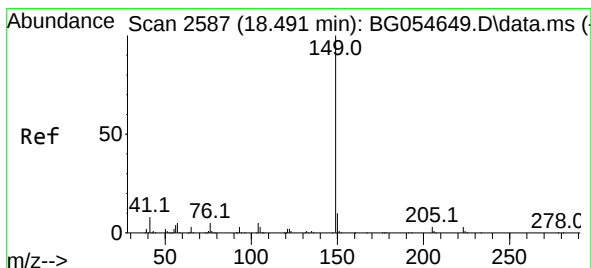
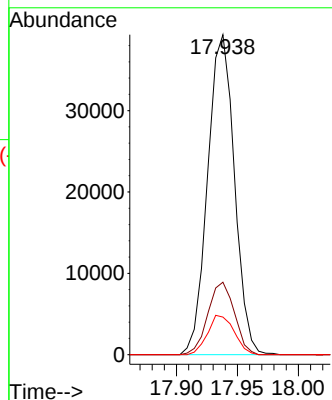
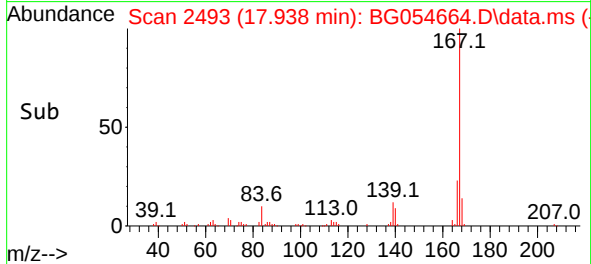


#77
 Carbazole
 Concen: 4.456 ng/ul
 RT: 17.938 min Scan# 2493
 Delta R.T. -0.003 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18

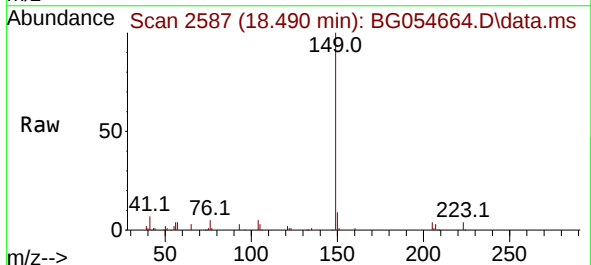
Instrument :
 BNA_G
 ClientSampleId :



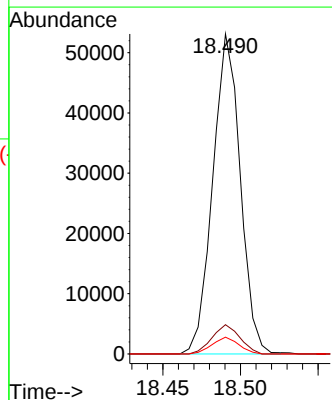
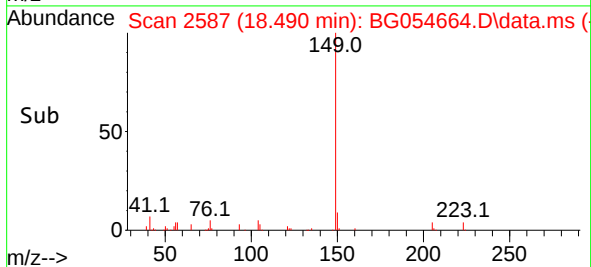
Tgt Ion:167 Resp: 60197
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 11.7 9.9 14.9

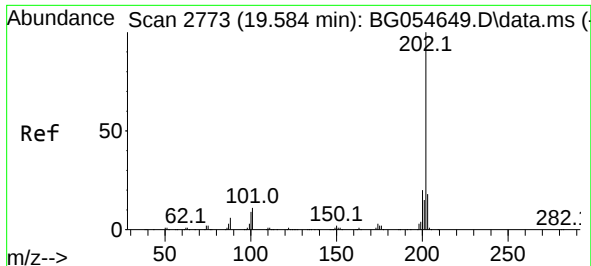


#78
 Di-n-butylphthalate
 Concen: 4.139 ng/ul
 RT: 18.490 min Scan# 2587
 Delta R.T. -0.003 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18



Tgt Ion:149 Resp: 65401
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.3 4.2 6.4

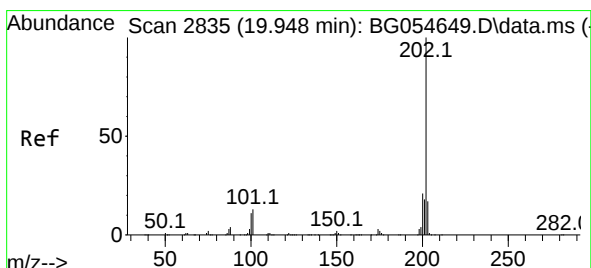
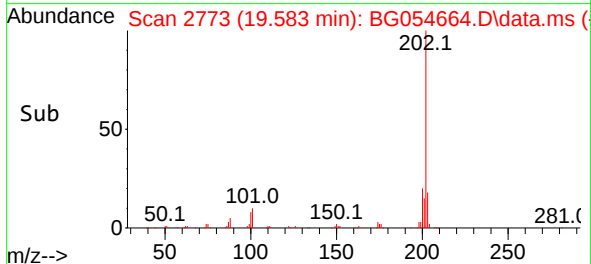
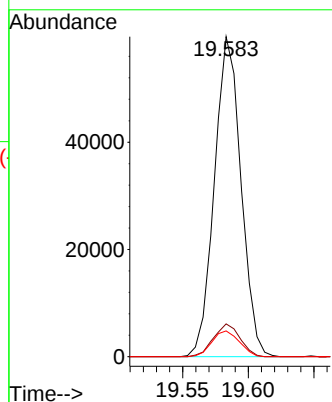
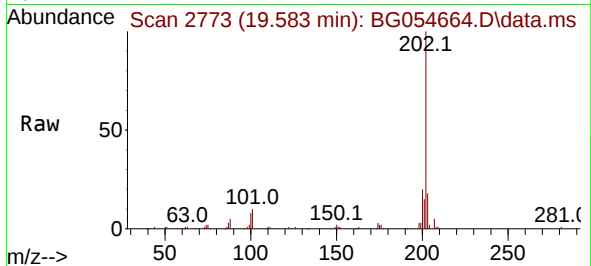




#80
Fluoranthene
Concen: 4.390 ng/ul
RT: 19.583 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

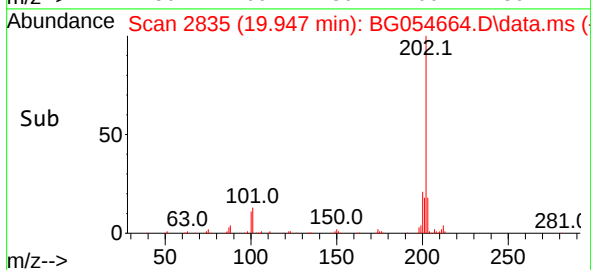
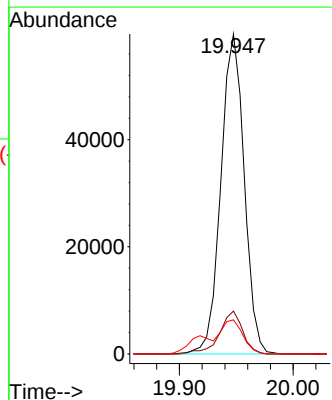
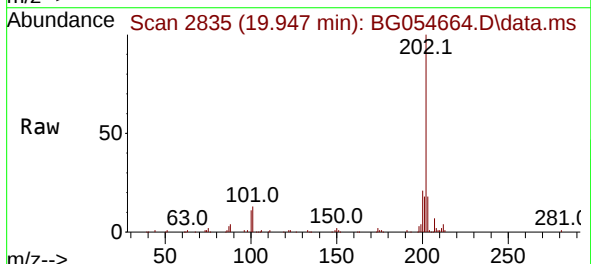
Instrument :
BNA_G
ClientSampleId :

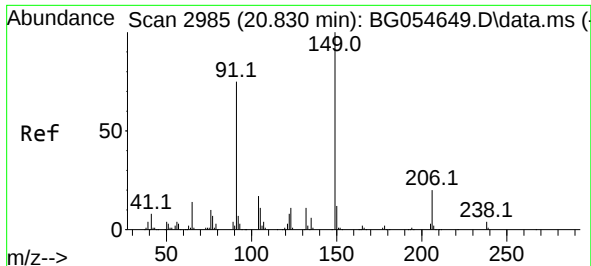
Tgt Ion:202 Resp: 84000
Ion Ratio Lower Upper
202 100
101 10.2 8.0 12.0
100 8.0 6.7 10.1



#82
Pyrene
Concen: 4.471 ng/ul
RT: 19.947 min Scan# 2835
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion:202 Resp: 85029
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 10.6 8.4 12.6

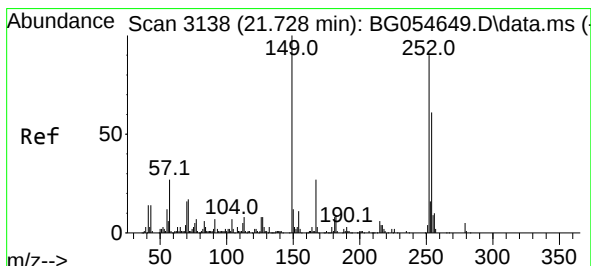
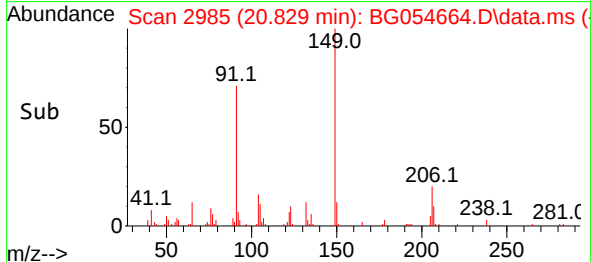
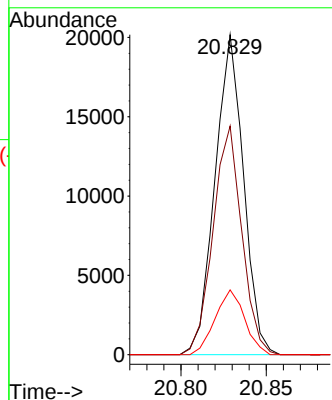
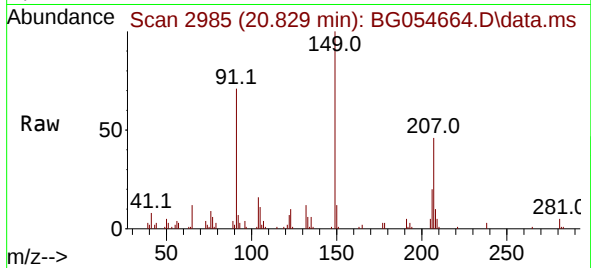




#83
 Butylbenzylphthalate
 Concen: 3.609 ng/ul
 RT: 20.829 min Scan# 2985
 Delta R.T. -0.003 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18

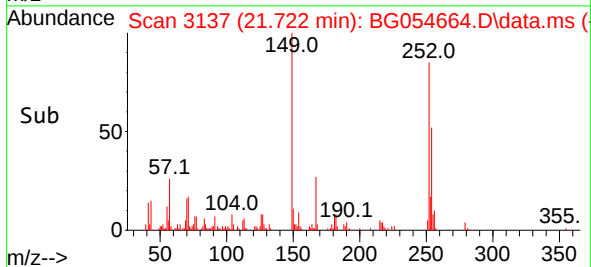
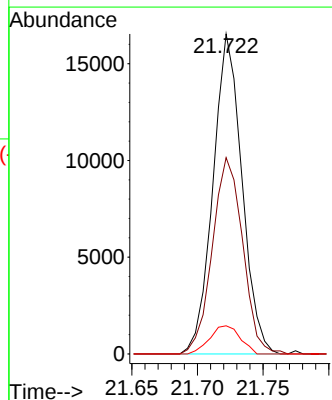
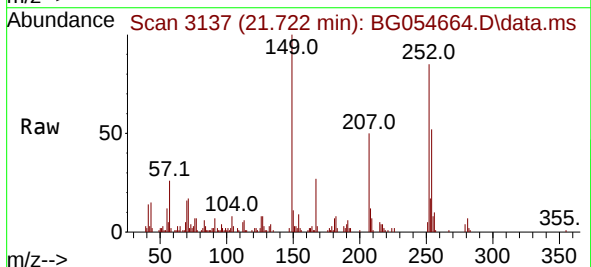
Instrument :
 BNA_G
 ClientSampleId :

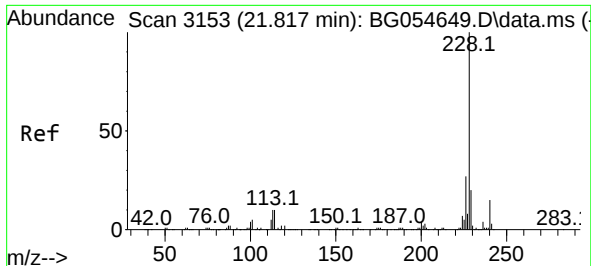
Tgt Ion:	149	Resp:	23507
Ion Ratio	Lower	Upper	
149	100		
91	71.4	59.1	88.7
206	20.3	16.8	25.2



#84
 3,3'-Dichlorobenzidine
 Concen: 3.963 ng/ul
 RT: 21.722 min Scan# 3137
 Delta R.T. -0.003 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18

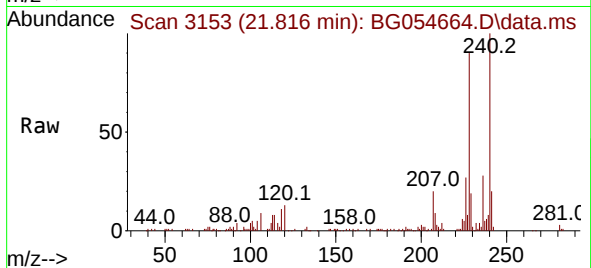
Tgt Ion:	252	Resp:	25320
Ion Ratio	Lower	Upper	
252	100		
254	61.3	49.1	73.7
126	8.8	8.3	12.5



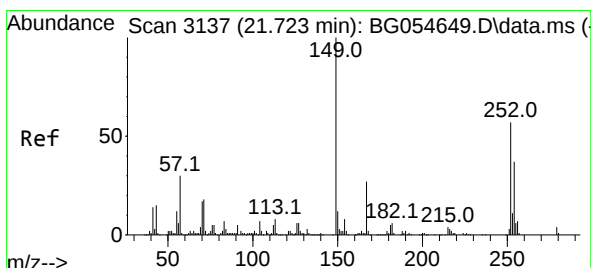
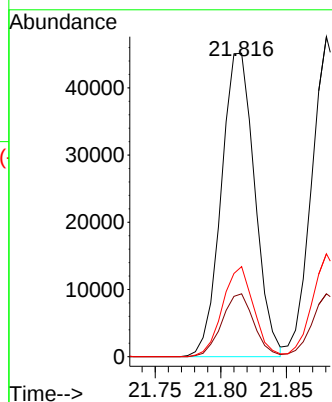
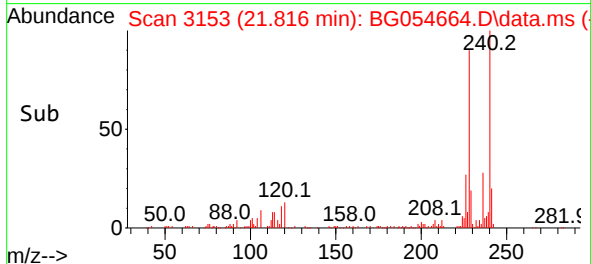


#85
Benzo(a)anthracene
Concen: 4.369 ng/ul
RT: 21.816 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Instrument :
BNA_G
ClientSampleId :

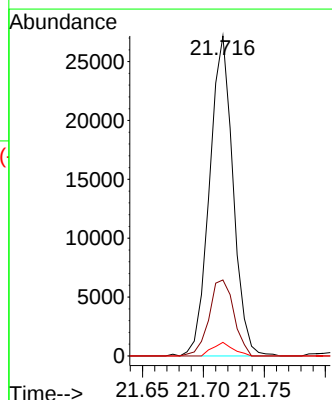
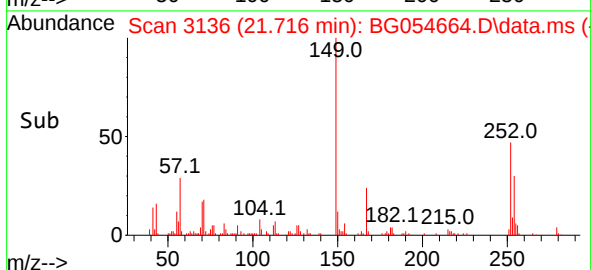
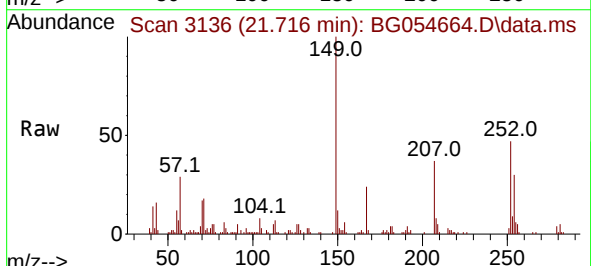


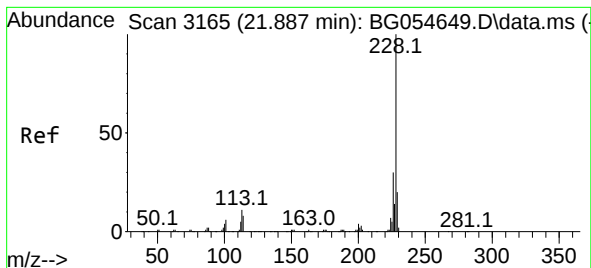
Tgt Ion:228 Resp: 80084
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 29.7 22.2 33.4



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.717 ng/ul
RT: 21.716 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion:149 Resp: 36349
Ion Ratio Lower Upper
149 100
167 23.7 21.5 32.3
279 4.3 3.4 5.0





#87

Chrysene

Concen: 4.459 ng/ul

RT: 21.880 min Scan# 3165

Delta R.T. -0.009 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

Instrument :

BNA_G

ClientSampleId :

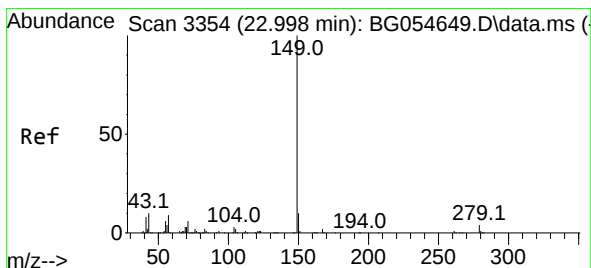
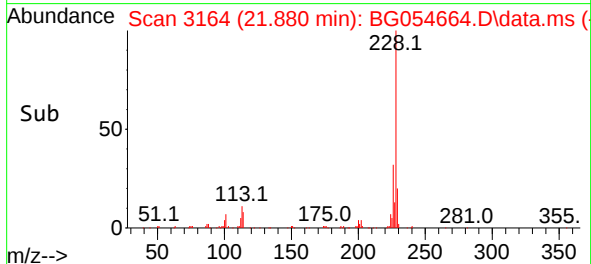
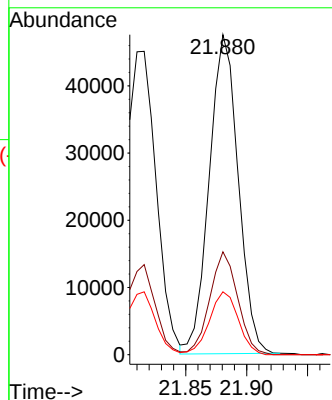
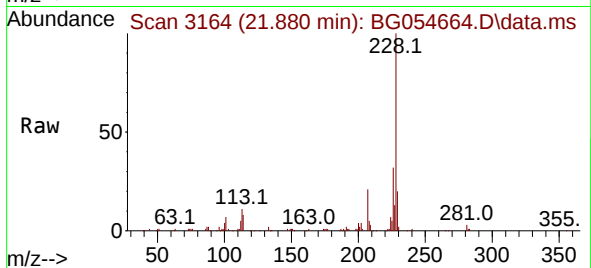
Tgt Ion:228 Resp: 78634

Ion Ratio Lower Upper

228 100

226 32.1 24.6 36.8

229 19.7 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 3.317 ng/ul

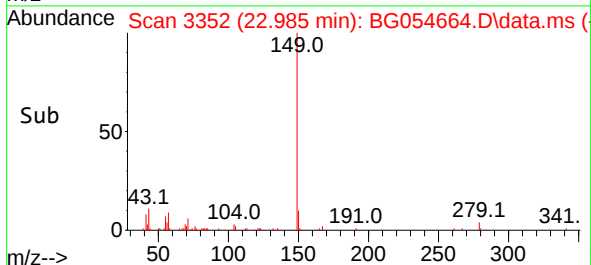
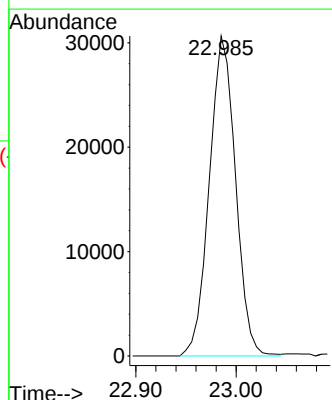
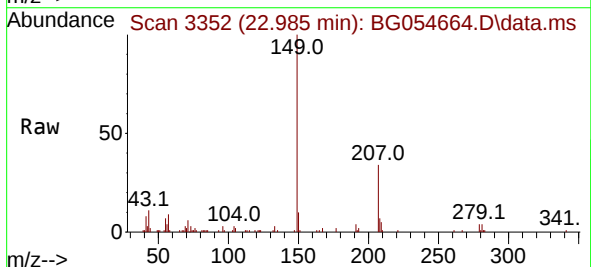
RT: 22.985 min Scan# 3352

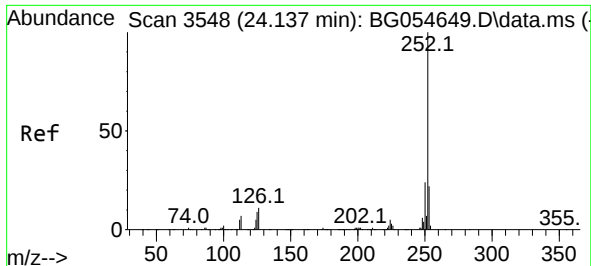
Delta R.T. -0.015 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

Tgt Ion:149 Resp: 55652

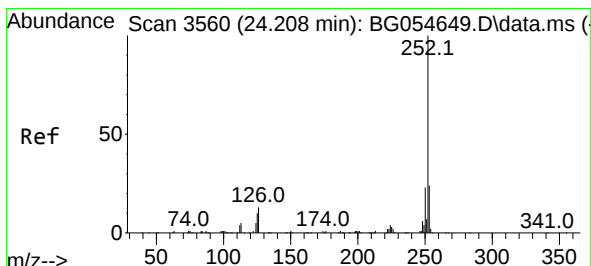
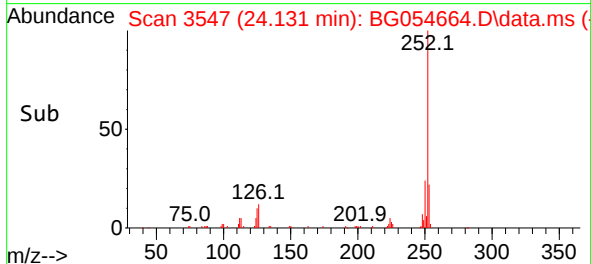
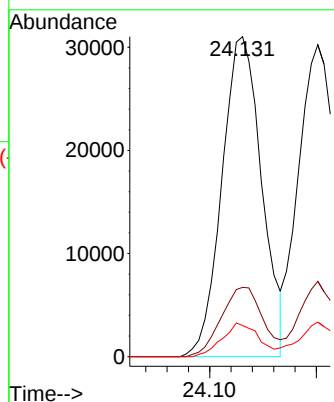
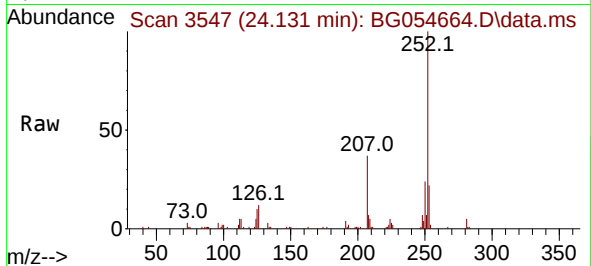




#90
Benzo(b)fluoranthene
Concen: 4.205 ng/ul
RT: 24.131 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

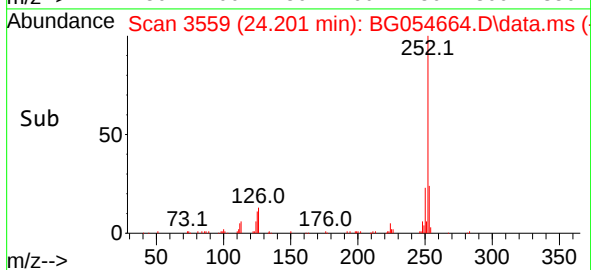
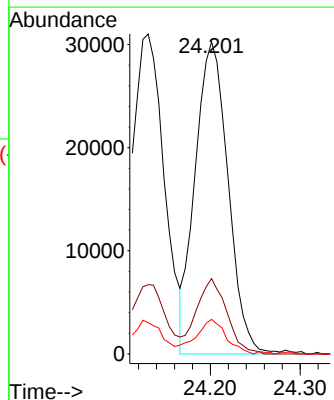
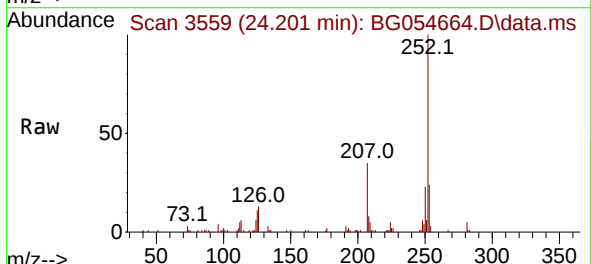
Instrument :
BNA_G
ClientSampleId :

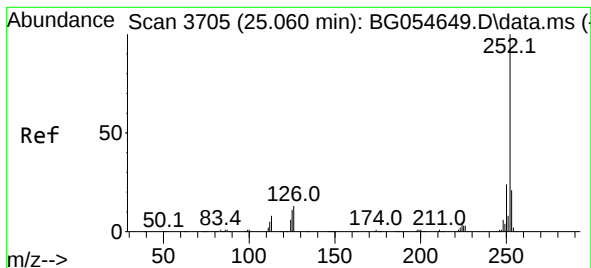
Tgt Ion:252 Resp: 80371
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.7 7.4 11.0



#91
Benzo(k)fluoranthene
Concen: 4.346 ng/ul
RT: 24.201 min Scan# 3559
Delta R.T. -0.009 min
Lab File: BG054664.D
Acq: 19 Aug 2022 14:18

Tgt Ion:252 Resp: 76977
Ion Ratio Lower Upper
252 100
253 24.2 18.1 27.1
125 11.1 7.6 11.4





#93

Benzo(a)pyrene

Concen: 4.387 ng/ul

RT: 25.047 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG054664.D

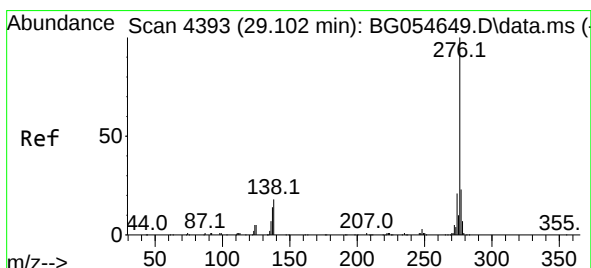
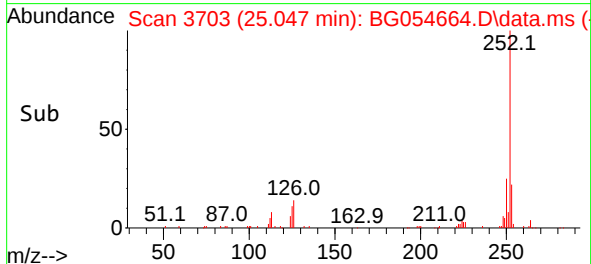
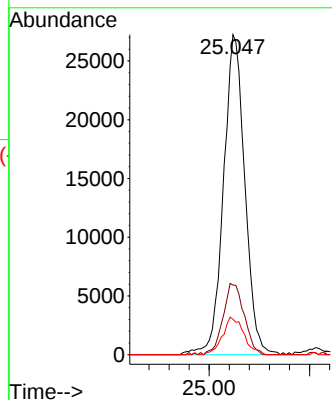
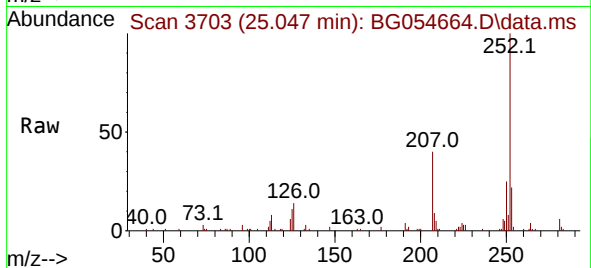
Acq: 19 Aug 2022 14:18

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:252	Resp:	80545
Ion Ratio	Lower	Upper
252	100	
253	21.8	17.0 25.4
125	11.0	9.0 13.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.200 ng/ul

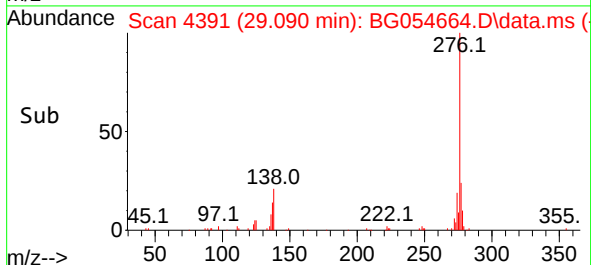
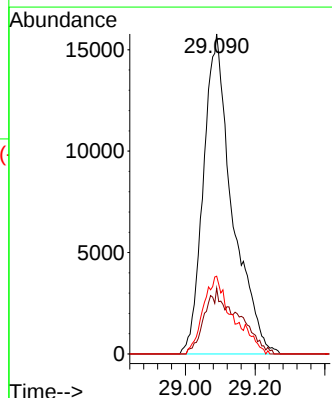
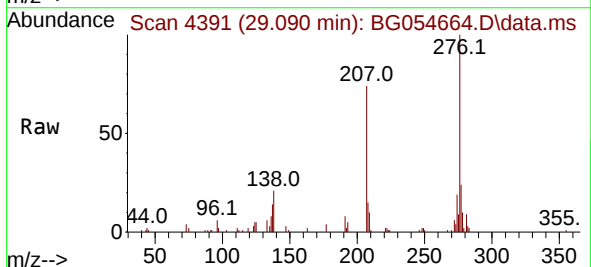
RT: 29.090 min Scan# 4391

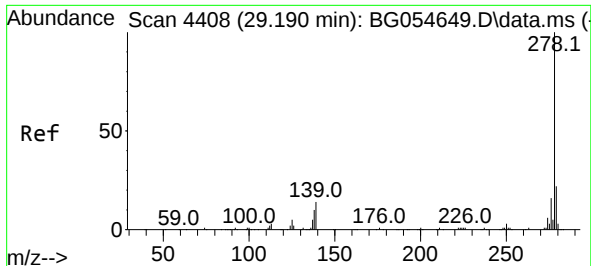
Delta R.T. -0.015 min

Lab File: BG054664.D

Acq: 19 Aug 2022 14:18

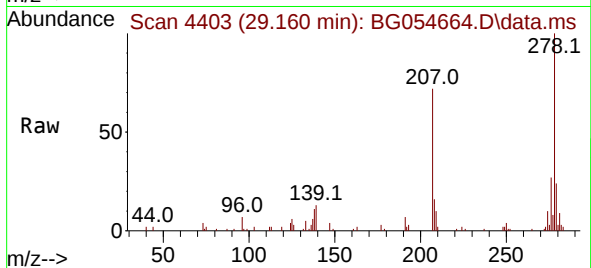
Tgt Ion:276	Resp:	90571
Ion Ratio	Lower	Upper
276	100	
138	20.5	14.5 21.7
277	24.3	18.3 27.5



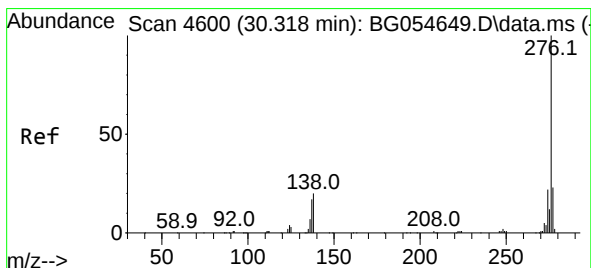
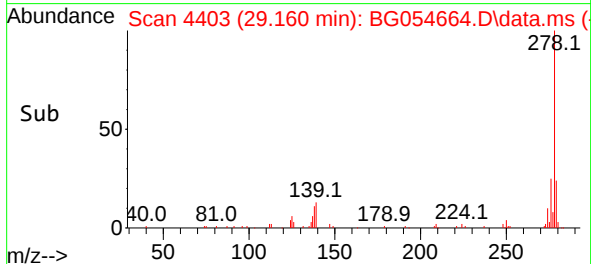
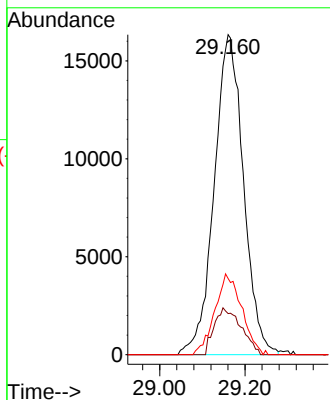


#95
 Dibenzo(a,h)anthracene
 Concen: 4.268 ng/ul
 RT: 29.160 min Scan# 4403
 Delta R.T. -0.027 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:278 Resp: 77818
 Ion Ratio Lower Upper
 278 100
 139 12.8 11.2 16.8
 279 23.8 19.6 29.4



#96
 Benzo(g,h,i)perylene
 Concen: 4.269 ng/ul
 RT: 30.300 min Scan# 4597
 Delta R.T. -0.021 min
 Lab File: BG054664.D
 Acq: 19 Aug 2022 14:18

Tgt Ion:276 Resp: 76804
 Ion Ratio Lower Upper
 276 100
 138 20.3 15.4 23.2
 277 22.1 19.5 29.3

