

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081922\
 Data File : BG054665.D
 Acq On : 19 Aug 2022 15:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 02:47:39 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	8.165	152	44334	20.000	ng/u1	0.00
20) Naphthalene-d8	10.991	136	191466	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.798	164	125845	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.542	188	284143	20.000	ng/u1	0.00
79) Chrysene-d12	21.837	240	274906	20.000	ng/u1	0.00
88) Perylene-d12	25.221	264	278895	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.512	96	9301	8.299	ng/uL	0.00
4) Pyridine-d5	3.935	84	67841	20.312	ng/u1	0.00
7) Phenol-d5	7.295	99	72834	19.323	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.478	67	47400	19.653	ng/u1	0.00
11) 2-Chlorophenol-d4	7.689	132	52421	19.664	ng/u1	0.00
15) 4-Methylphenol-d8	8.858	113	56302	19.773	ng/u1	0.00
21) Nitrobenzene-d5	9.334	128	24798	20.634	ng/u1	0.00
24) 2-Nitrophenol-d4	10.063	143	19294	17.931	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.597	165	54038	19.157	ng/u1	0.00
31) 4-Chloroaniline-d4	11.115	131	80115	19.784	ng/u1	0.00
46) Dimethylphthalate-d6	14.193	166	167136	19.329	ng/u1	0.00
49) Acenaphthylene-d8	14.493	160	201044	19.419	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	26061	19.071	ng/u1	0.00
60) Fluorene-d10	15.786	176	152510	19.451	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.885	200	15149	15.656	ng/u1	0.00
73) Anthracene-d10	17.642	188	243243	19.682	ng/u1	0.00
81) Pyrene-d10	19.922	212	278552	19.534	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.986	264	265762	19.405	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.547	88	10549	8.351	ng/uL#	93
5) Pyridine	3.958	79	66974	20.075	ng/u1	92
6) Benzaldehyde	7.295	77	39282	21.308	ng/u1	99
8) Phenol	7.325	94	74519	19.850	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.572	93	60462	19.799	ng/u1	99
12) 2-Chlorophenol	7.718	128	57221	19.983	ng/u1	97
13) 2-Methylphenol	8.594	108	55328	19.281	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.694	45	93763	18.741	ng/u1#	96
16) Acetophenone	8.988	105	90146	20.294	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.970	70	47498	19.675	ng/u1	98
18) 4-Methylphenol	8.923	108	59235	19.780	ng/u1	95
19) Hexachloroethane	9.258	117	23139	19.836	ng/u1	98
22) Nitrobenzene	9.375	77	62573	19.801	ng/u1	95
23) Isophorone	9.898	82	129638	18.933	ng/u1	97
25) 2-Nitrophenol	10.092	139	24239	19.095	ng/u1	96
26) 2,4-Dimethylphenol	10.133	107	64928	19.109	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.380	93	81083	19.230	ng/u1	98
29) 2,4-Dichlorophenol	10.621	162	53092	19.507	ng/u1	98
30) Naphthalene	11.038	128	191613	19.414	ng/u1	100
32) 4-Chloroaniline	11.144	127	82660	19.959	ng/u1	97
33) Hexachlorobutadiene	11.320	225	38842	19.026	ng/u1	97
34) Caprolactam	11.890	113	17488	18.830	ng/u1	93
35) 4-Chloro-3-methylphenol	12.243	107	57424	19.349	ng/u1	100
36) 2-Methylnaphthalene	12.636	142	130376	19.360	ng/u1	100

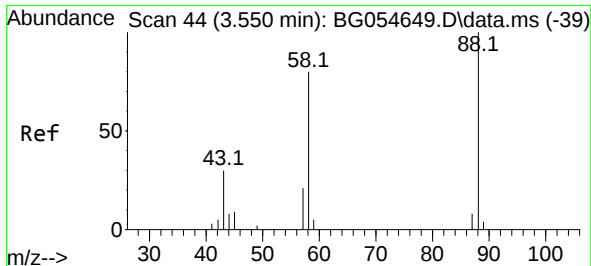
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.854	142	131295	19.624	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.995	216	72185	18.848	ng/ul	99
40) Hexachlorocyclopentadiene	12.971	237	42659	17.550	ng/ul	96
41) 2,4,6-Trichlorophenol	13.230	196	41809	18.596	ng/ul	98
42) 2,4,5-Trichlorophenol	13.294	196	45789	18.706	ng/ul	96
43) 1,1'-Biphenyl	13.629	154	174643	19.221	ng/ul	100
44) 2-Chloronaphthalene	13.676	162	133783	19.432	ng/ul	98
45) 2-Nitroaniline	13.870	65	32605	20.189	ng/ul	97
47) Dimethylphthalate	14.240	163	171624	19.658	ng/ul	98
48) 2,6-Dinitrotoluene	14.364	165	28676	20.984	ng/ul	94
50) Acenaphthylene	14.522	152	223394	19.494	ng/ul	99
51) 3-Nitroaniline	14.693	138	27410	18.855	ng/ul	92
52) Acenaphthene	14.857	153	148315	19.475	ng/ul	98
53) 2,4-Dinitrophenol	14.887	184	10856	15.914	ng/ul#	82
55) 4-Nitrophenol	14.981	109	20205	17.968	ng/ul	93
56) Dibenzofuran	15.192	168	203045	19.356	ng/ul	100
57) 2,4-Dinitrotoluene	15.145	165	40418	21.815	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.409	232	36821	18.688	ng/ul#	98
59) Diethylphthalate	15.597	149	170090	19.633	ng/ul	100
61) Fluorene	15.838	166	167819	19.621	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.833	204	84275	19.236	ng/ul	100
63) 4-Nitroaniline	15.850	138	27566	20.331	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.903	198	16651	16.130	ng/ul	93
67) N-Nitrosodiphenylamine	16.038	169	148263	19.319	ng/ul	98
68) 4-Bromophenyl-phenylether	16.726	248	57205	19.526	ng/ul	98
69) Hexachlorobenzene	16.837	284	64845	19.398	ng/ul	99
70) Atrazine	16.984	200	54531	18.692	ng/ul	97
71) Pentachlorophenol	17.184	266	30687	16.613	ng/ul	97
72) Phenanthrene	17.583	178	277065	19.601	ng/ul	99
74) Anthracene	17.677	178	281995	19.807	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.600	216	77042	18.861	ng/ul	98
76) Pentachlorobenzene	15.110	250	71988	18.502	ng/ul	96
77) Carbazole	17.942	167	253784	20.135	ng/ul	100
78) Di-n-butylphthalate	18.494	149	293178	19.887	ng/ul	99
80) Fluoranthene	19.587	202	348732	19.552	ng/ul	99
82) Pyrene	19.951	202	345658	19.497	ng/ul	100
83) Butylbenzylphthalate	20.833	149	113491	18.695	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.726	252	114465	19.223	ng/ul	95
85) Benzo(a)anthracene	21.820	228	330344	19.337	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.720	149	171571	18.823	ng/ul	98
87) Chrysene	21.884	228	316511	19.253	ng/ul	100
89) Di-n-octyl phthalate	22.989	149	280802	18.159	ng/ul	100
90) Benzo(b)fluoranthene	24.135	252	344783	19.571	ng/ul	99
91) Benzo(k)fluoranthene	24.205	252	318999	19.541	ng/ul	98
93) Benzo(a)pyrene	25.057	252	331003	19.558	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.105	276	379758	19.103	ng/ul	98
95) Dibenzo(a,h)anthracene	29.182	278	323095	19.225	ng/ul	99
96) Benzo(g,h,i)perylene	30.321	276	317604	19.152	ng/ul	99

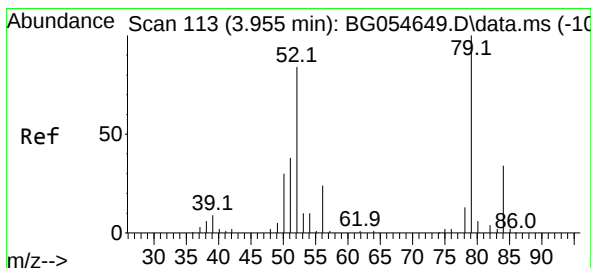
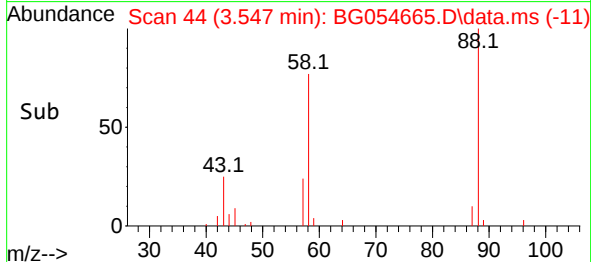
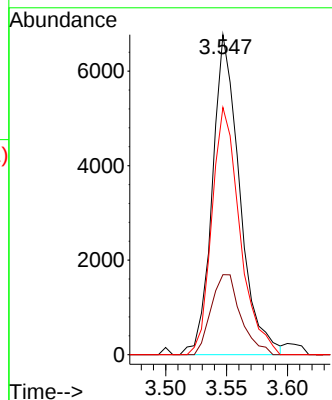
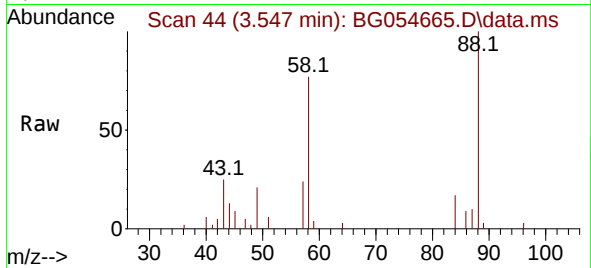
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#2
1,4-Dioxane
Concen: 8.351 ng/uL
RT: 3.547 min Scan# 44
Delta R.T. -0.005 min
Lab File: BG054665.D
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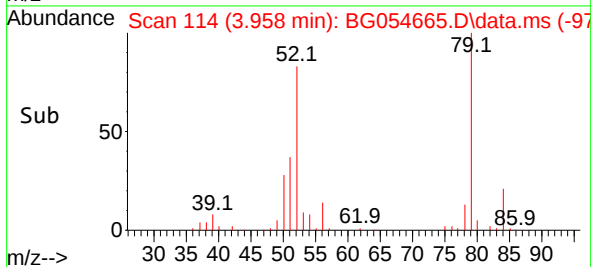
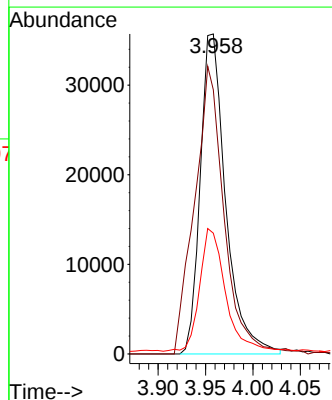
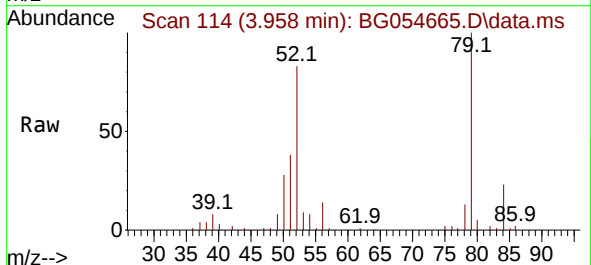
Instrument :
BNA_G
ClientSampleId :

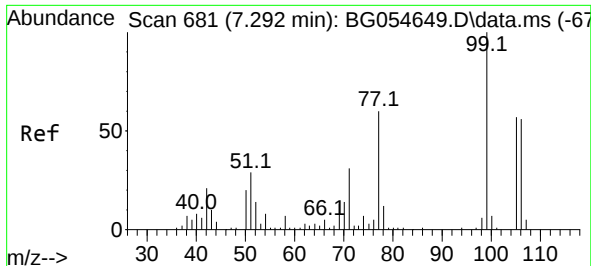
Tgt Ion: 88 Resp: 10549
Ion Ratio Lower Upper
88 100
43 25.0 28.3 42.5#
58 77.2 63.4 95.2



#5
Pyridine
Concen: 20.075 ng/uL
RT: 3.958 min Scan# 114
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion: 79 Resp: 66974
Ion Ratio Lower Upper
79 100
52 82.6 74.2 111.2
51 37.7 31.9 47.9

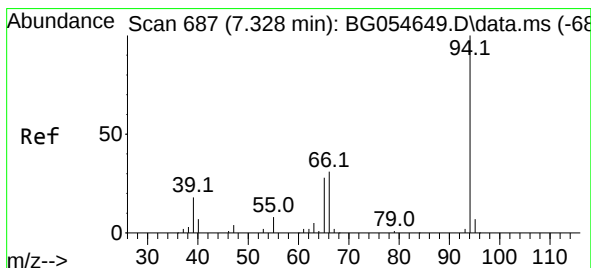
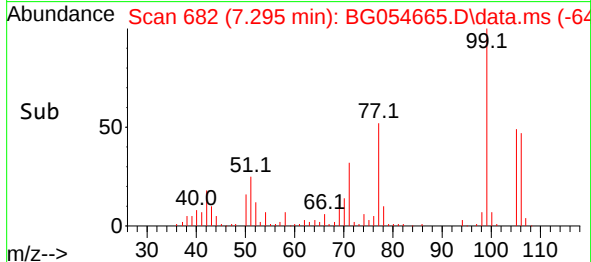
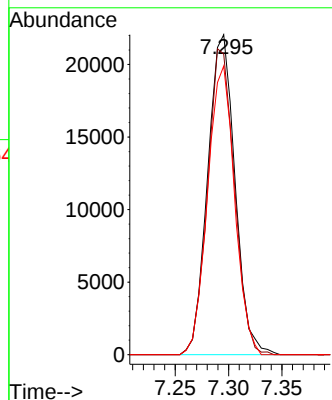
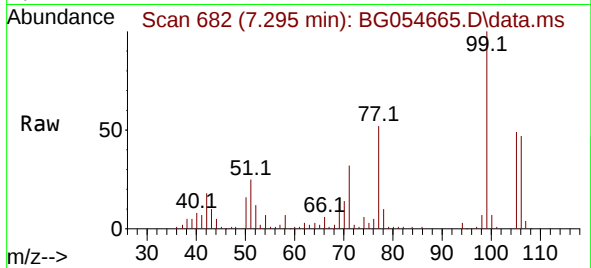




#6
Benzaldehyde
Concen: 21.308 ng/ul
RT: 7.295 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

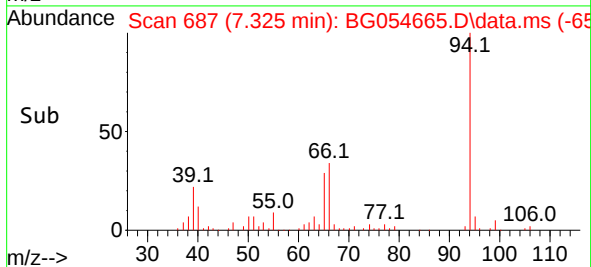
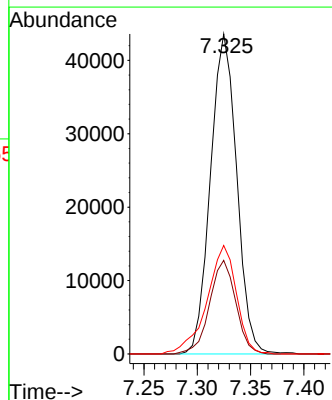
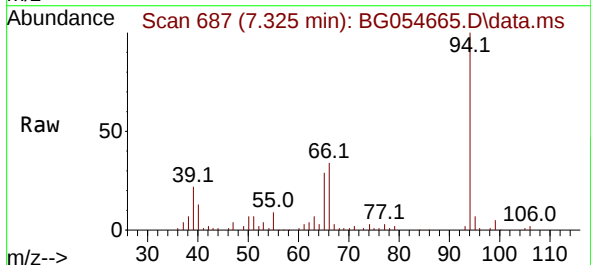
Instrument :
BNA_G
ClientSampleId :

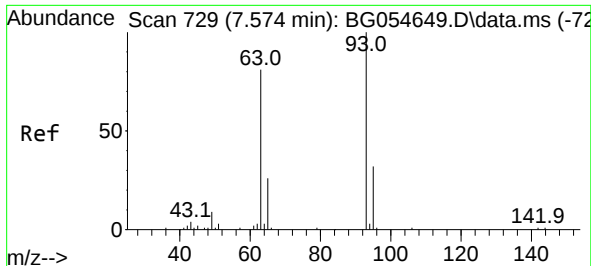
Tgt Ion: 77 Resp: 39282
Ion Ratio Lower Upper
77 100
105 93.9 73.6 110.4
106 90.2 71.5 107.3



#8
Phenol
Concen: 19.850 ng/ul
RT: 7.325 min Scan# 687
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

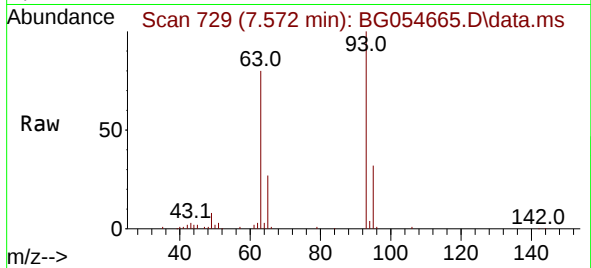
Tgt Ion: 94 Resp: 74519
Ion Ratio Lower Upper
94 100
65 29.3 24.0 36.0
66 33.9 29.0 43.6



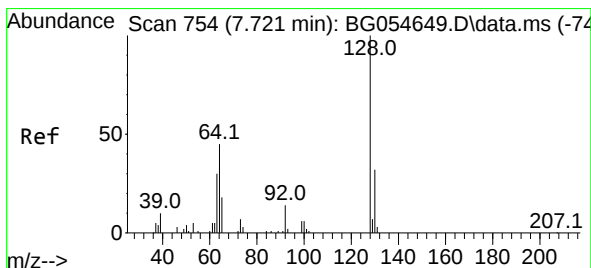
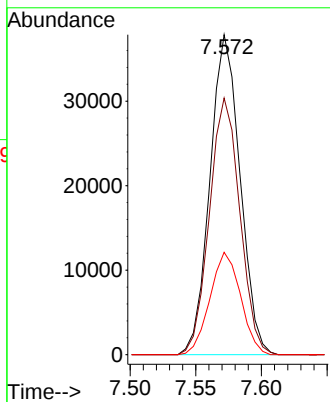
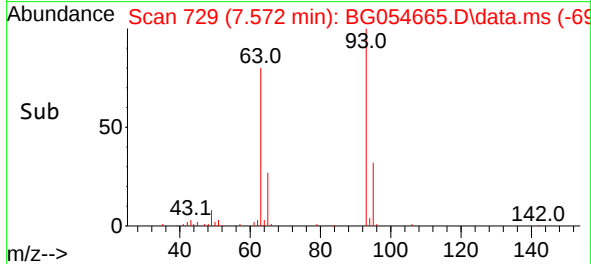


#10
 Bis(2-Chloroethyl)ether
 Concen: 19.799 ng/ul
 RT: 7.572 min Scan# 729
 Delta R.T. -0.005 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

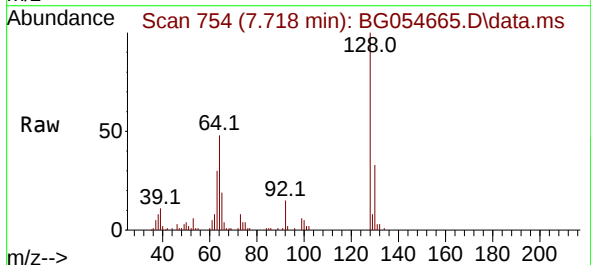
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 ClientSampleId :



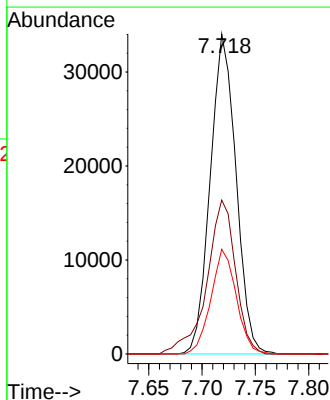
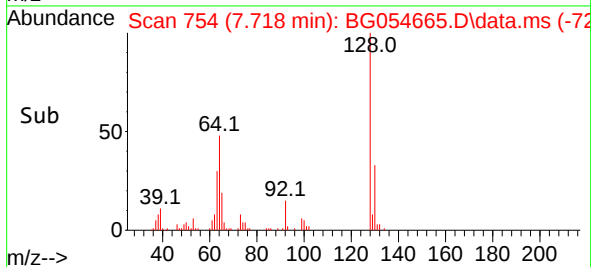
Tgt Ion:	93	Resp:	60462
Ion	Ratio	Lower	Upper
93	100		
63	80.2	63.2	94.8
95	32.0	25.5	38.3

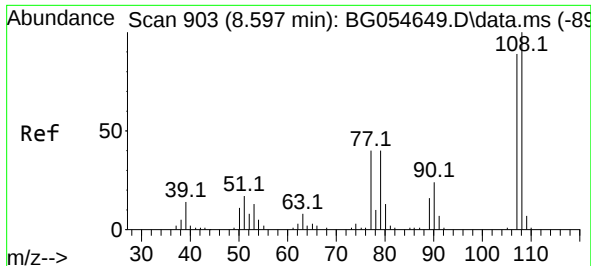


#12
 2-Chlorophenol
 Concen: 19.983 ng/ul
 RT: 7.718 min Scan# 754
 Delta R.T. -0.005 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08



Tgt Ion:	128	Resp:	57221
Ion	Ratio	Lower	Upper
128	100		
64	48.1	41.4	62.0
130	32.7	26.0	39.0

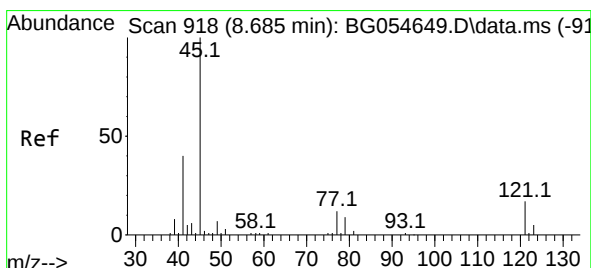
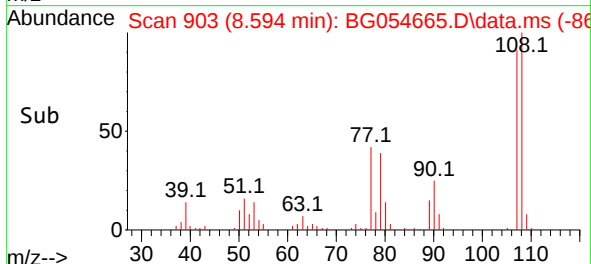
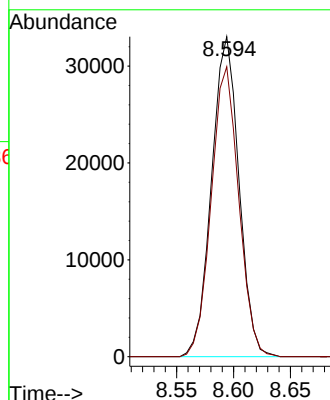
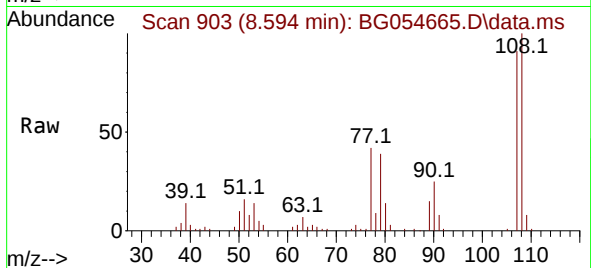




#13
2-Methylphenol
Concen: 19.281 ng/ul
RT: 8.594 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

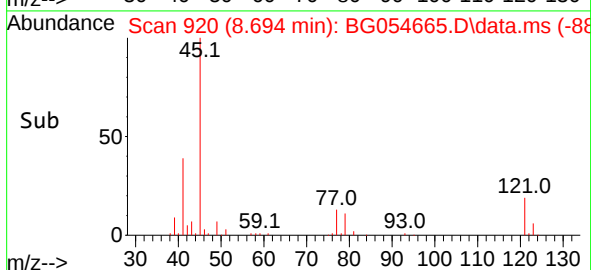
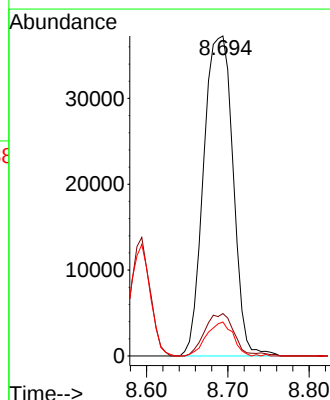
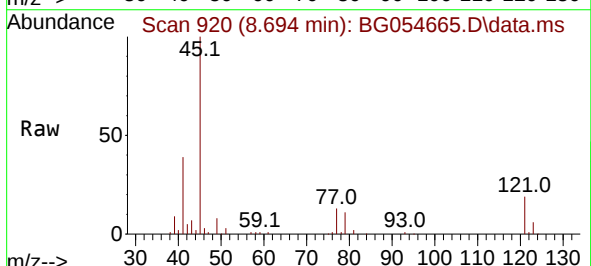
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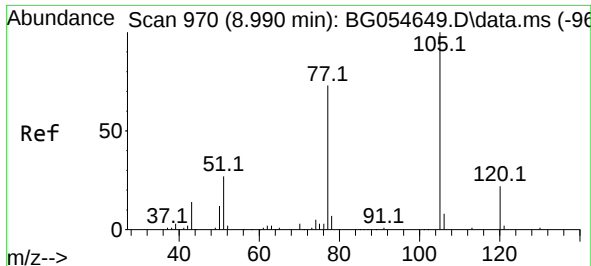
Tgt Ion:108 Resp: 55328
Ion Ratio Lower Upper
108 100
107 90.6 71.4 107.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.741 ng/ul
RT: 8.694 min Scan# 920
Delta R.T. 0.006 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

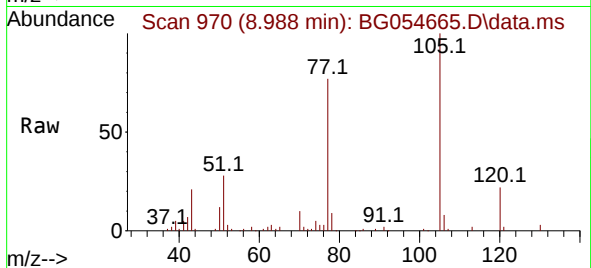
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Ion Ratio Lower Upper
45 100
77 13.3 9.9 14.9
79 10.6 6.6 9.8#



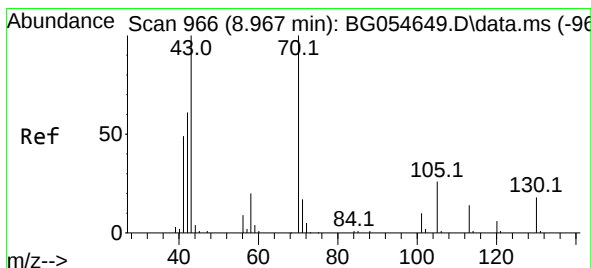
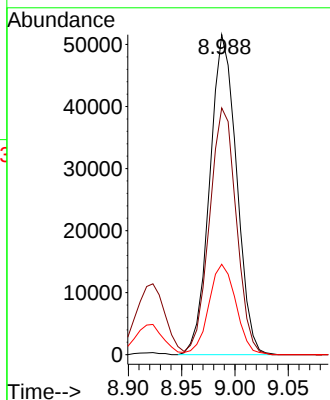
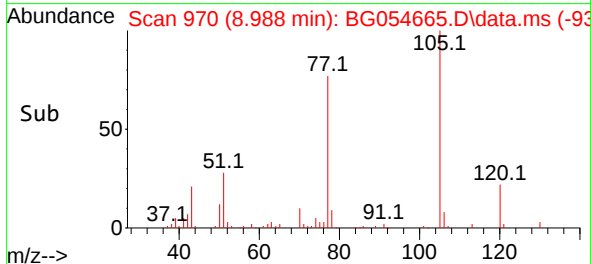


#16
Acetophenone
Concen: 20.294 ng/ul
RT: 8.988 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

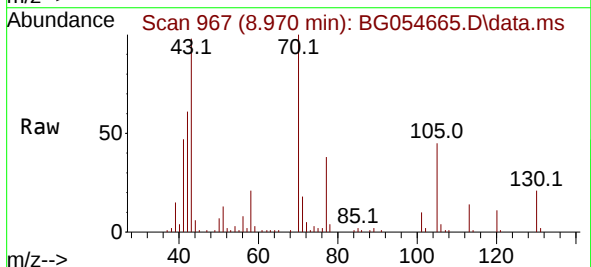
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BNA_G
ClientSampleId :



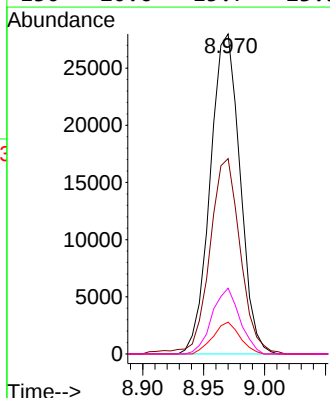
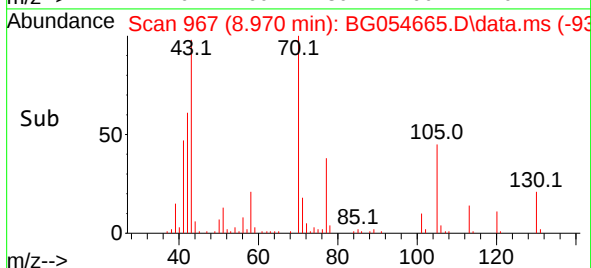
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Ion Ratio Lower Upper
105 100
77 77.1 63.0 94.6
51 28.3 23.8 35.6

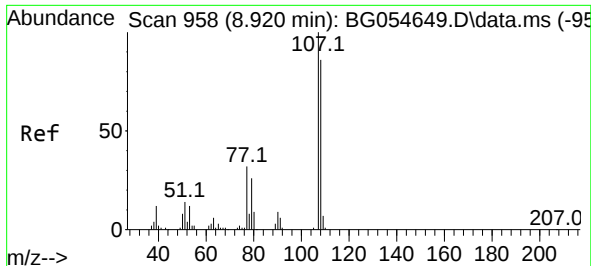


#17
N-Nitroso-di-n-propylamine
Concen: 19.675 ng/ul
RT: 8.970 min Scan# 967
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08



Tgt Ion: 70 Resp: 47498
Ion Ratio Lower Upper
70 100
42 61.1 49.6 74.4
101 9.9 6.6 10.0
130 20.6 15.7 23.5

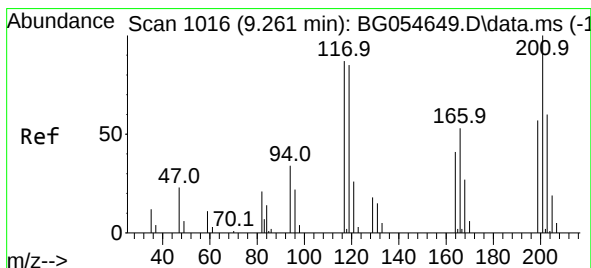
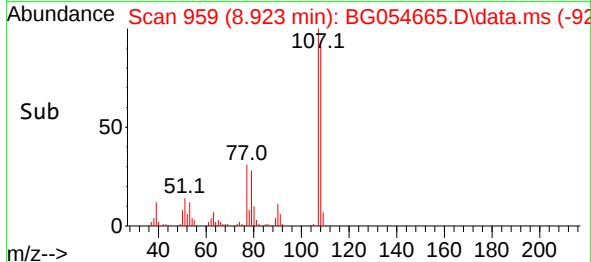
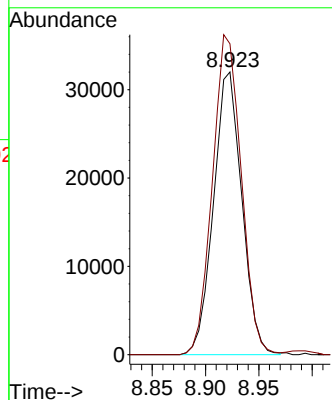
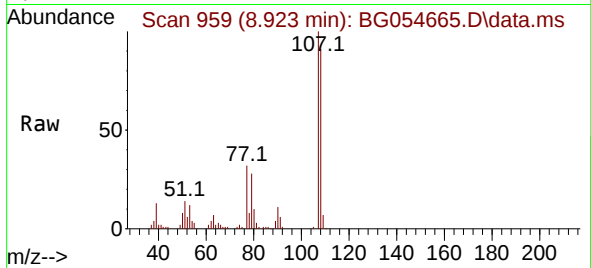




#18
4-Methylphenol
Concen: 19.780 ng/ul
RT: 8.923 min Scan# 911
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

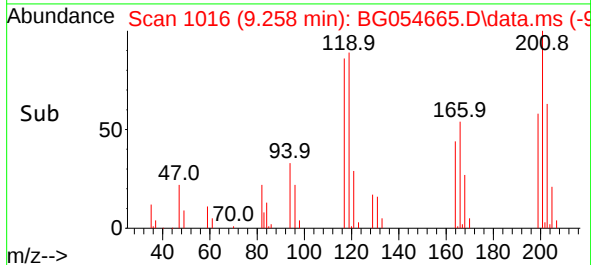
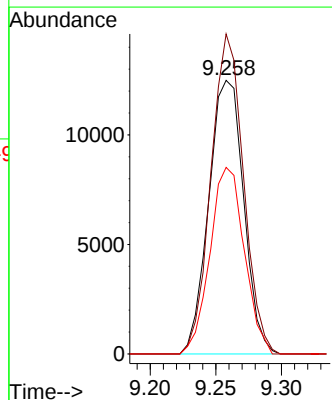
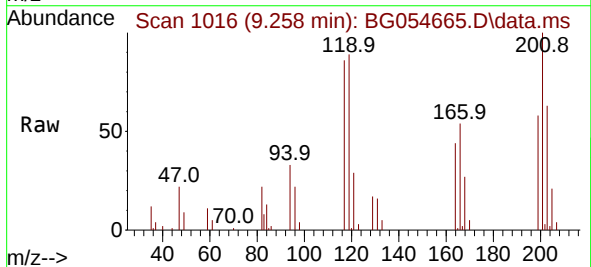
Instrument :
BNA_G
ClientSampleId :

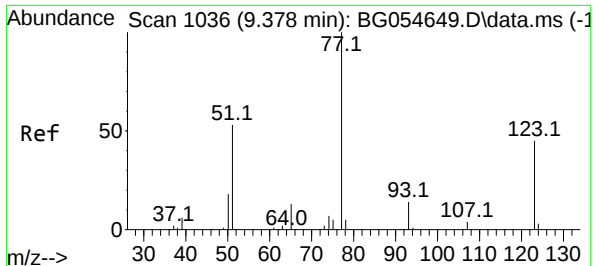
Tgt Ion:108 Resp: 59235
Ion Ratio Lower Upper
108 100
107 110.0 92.5 138.7



#19
Hexachloroethane
Concen: 19.836 ng/ul
RT: 9.258 min Scan# 1016
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:117 Resp: 23139
Ion Ratio Lower Upper
117 100
201 116.9 92.7 139.1
199 68.2 57.5 86.3

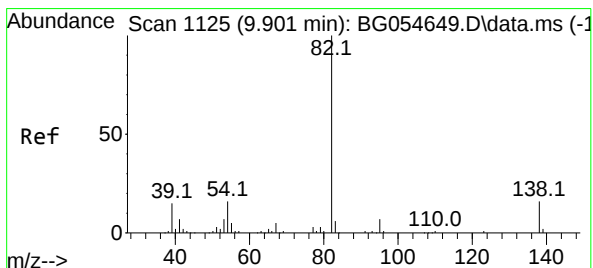
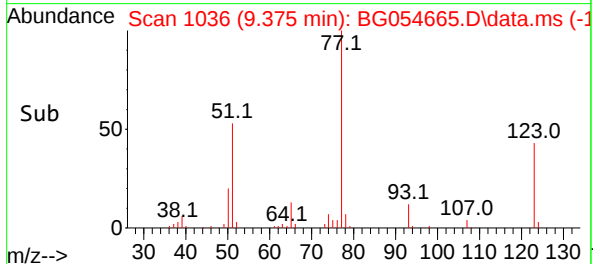
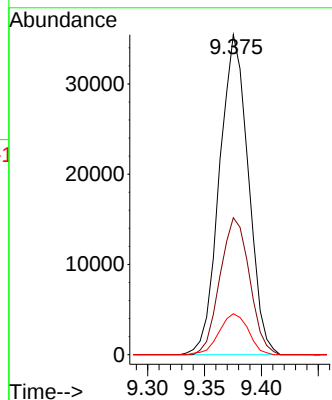
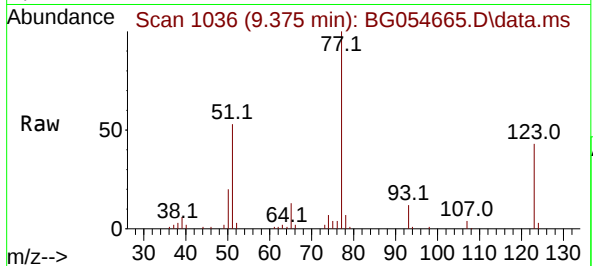




#22
Nitrobenzene
Concen: 19.801 ng/ul
RT: 9.375 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

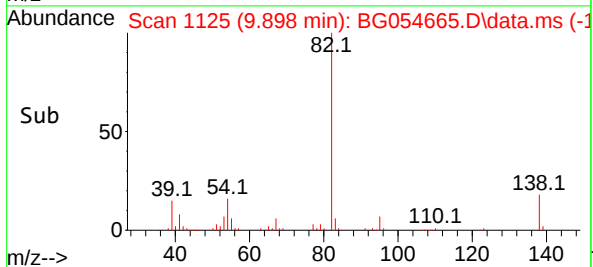
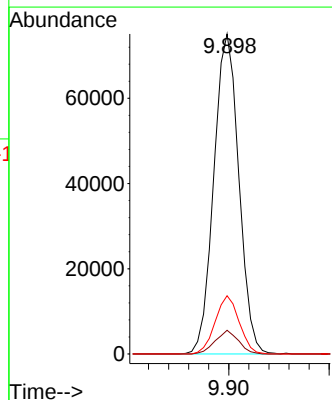
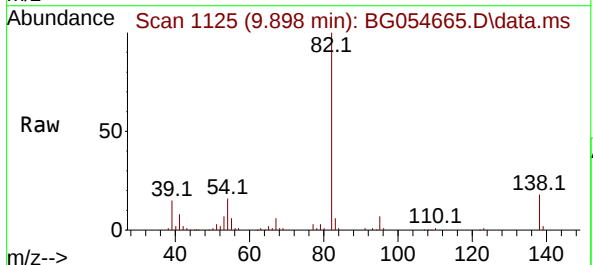
Instrument :
BNA_G
ClientSampleId :

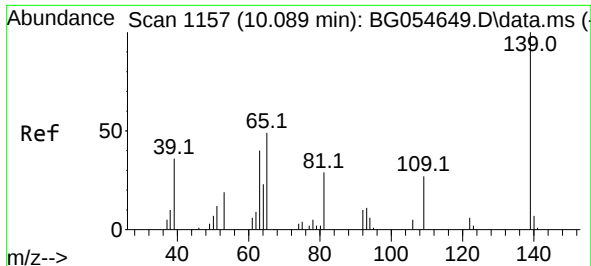
Tgt Ion: 77 Resp: 62573
Ion Ratio Lower Upper
77 100
123 42.8 31.6 47.4
65 12.8 9.0 13.6



#23
Isophorone
Concen: 18.933 ng/ul
RT: 9.898 min Scan# 1125
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion: 82 Resp: 129638
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.0
138 18.2 13.2 19.8

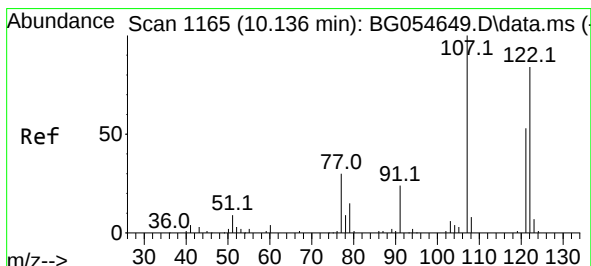
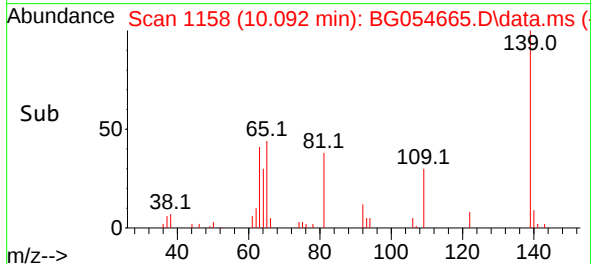
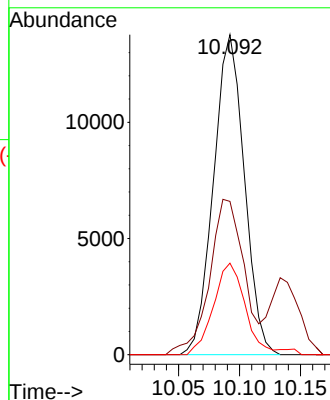
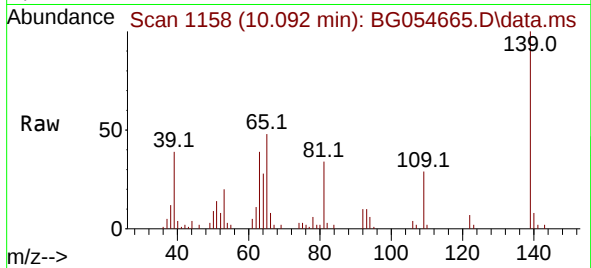




#25
2-Nitrophenol
Concen: 19.095 ng/ul
RT: 10.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

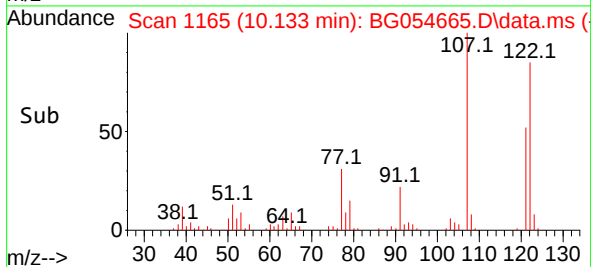
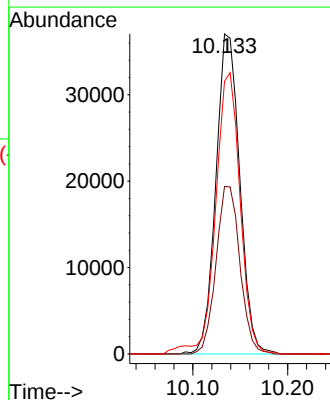
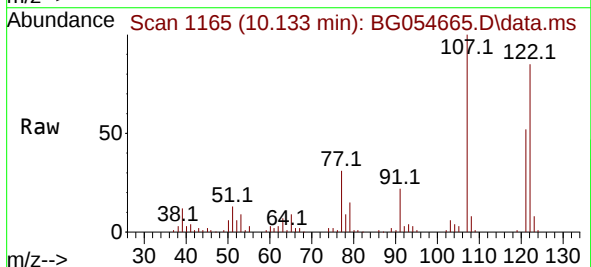
Instrument :
BNA_G
ClientSampleId :

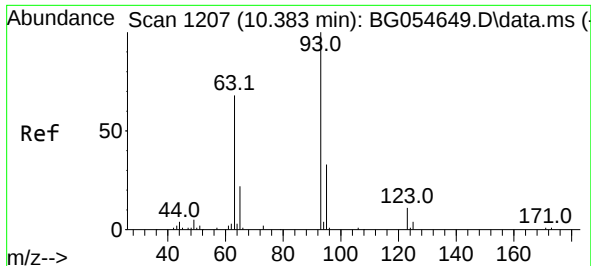
Tgt Ion:139 Resp: 24239
Ion Ratio Lower Upper
139 100
65 47.9 40.8 61.2
109 28.6 24.2 36.2



#26
2,4-Dimethylphenol
Concen: 19.109 ng/ul
RT: 10.133 min Scan# 1165
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:107 Resp: 64928
Ion Ratio Lower Upper
107 100
121 52.3 42.1 63.1
122 85.2 70.6 105.8

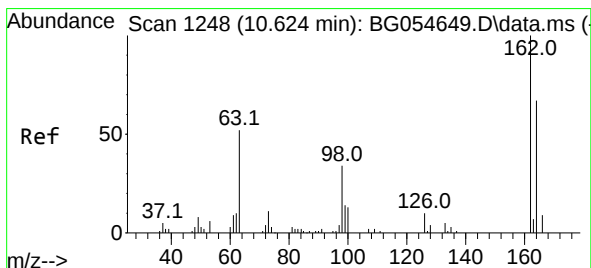
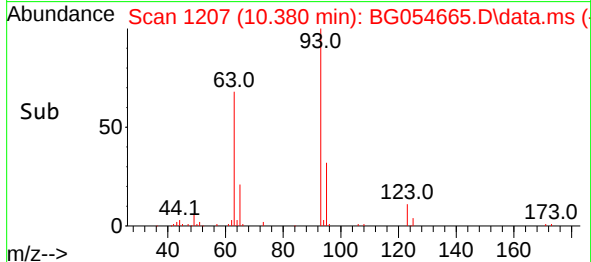
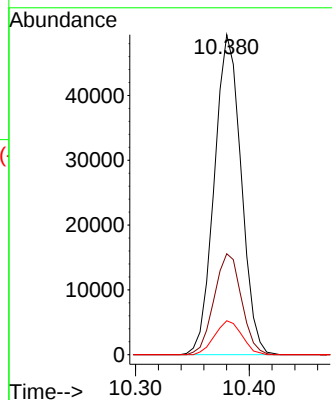
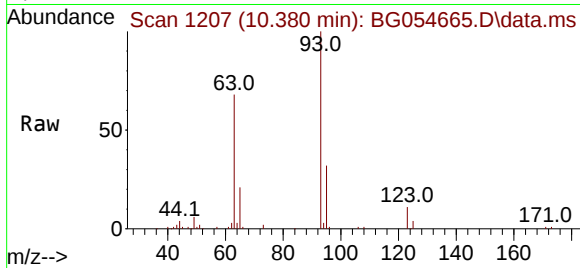




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.230 ng/ul
 RT: 10.380 min Scan# 1207
 Delta R.T. -0.005 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

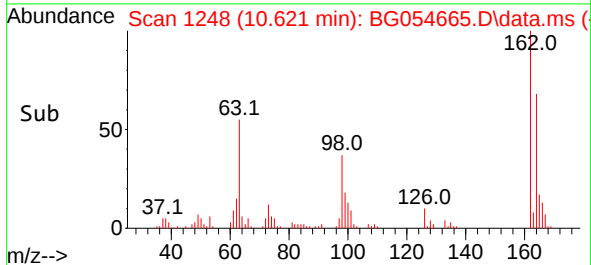
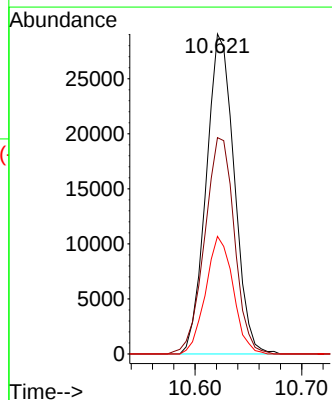
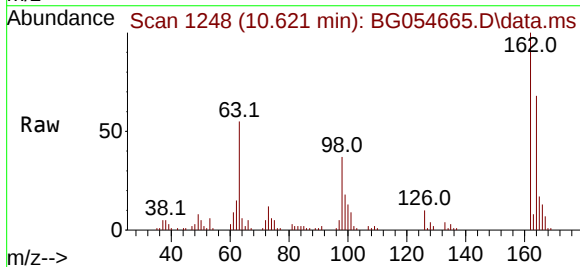
Instrument :
 BNA_G
 ClientSampleId :

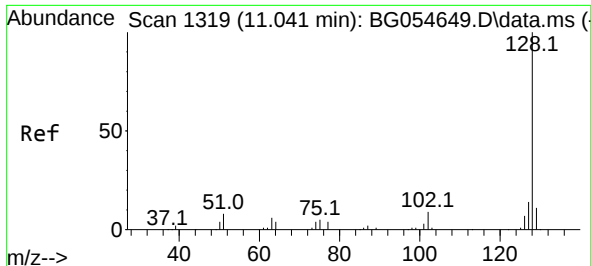
Tgt Ion: 93 Resp: 81083
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.0 39.0
 123 10.6 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 19.507 ng/ul
 RT: 10.621 min Scan# 1248
 Delta R.T. -0.005 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

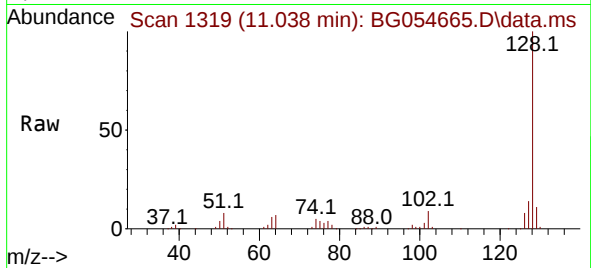
Tgt Ion: 162 Resp: 53092
 Ion Ratio Lower Upper
 162 100
 164 67.6 55.7 83.5
 98 36.8 29.1 43.7



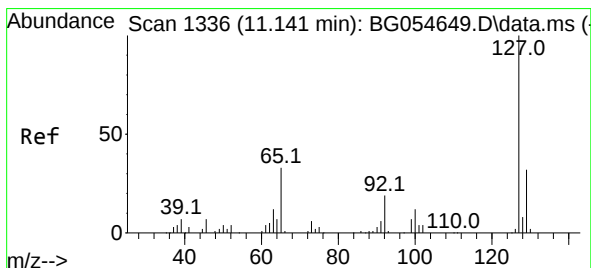
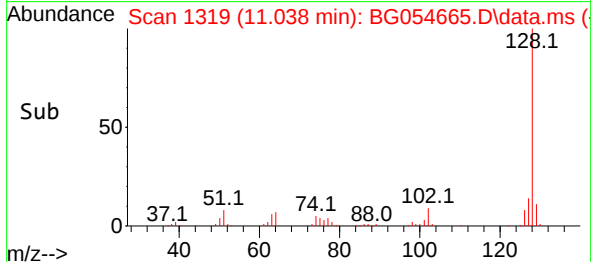
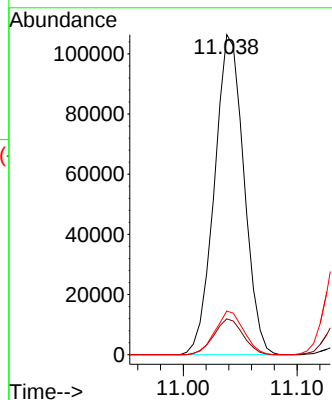


#30
Naphthalene
Concen: 19.414 ng/ul
RT: 11.038 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Instrument :
BNA_G
ClientSampleId :

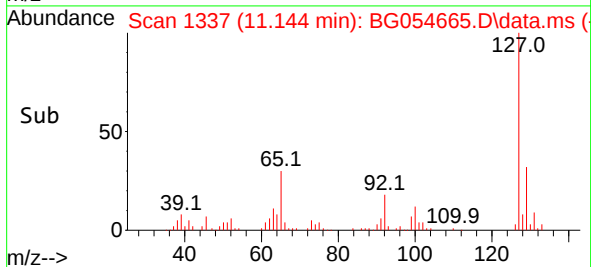
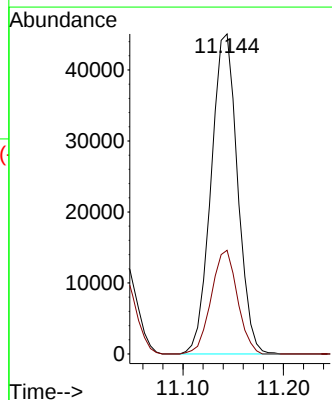
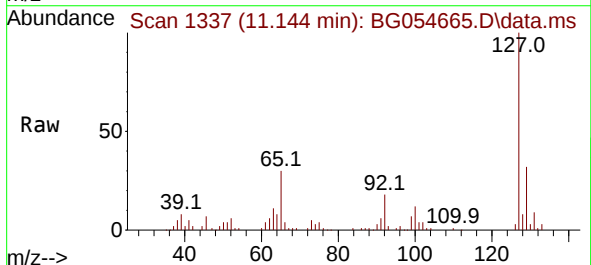


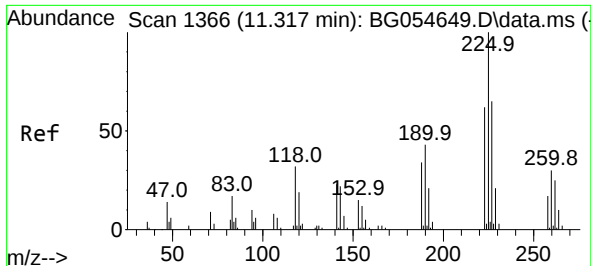
Tgt Ion:128 Resp: 191613
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.7 10.7 16.1



#32
4-Chloroaniline
Concen: 19.959 ng/ul
RT: 11.144 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:127 Resp: 82660
Ion Ratio Lower Upper
127 100
129 32.4 24.4 36.6

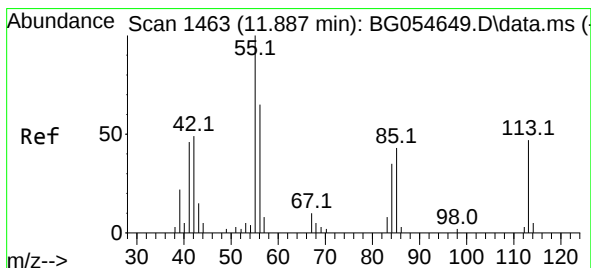
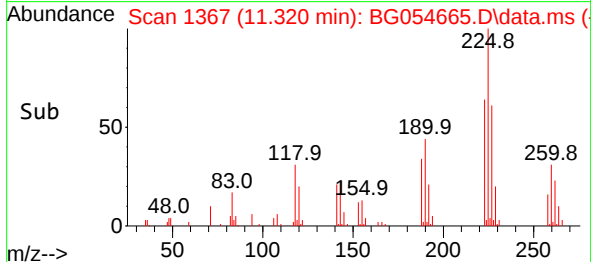
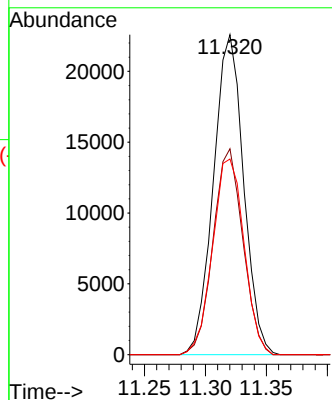
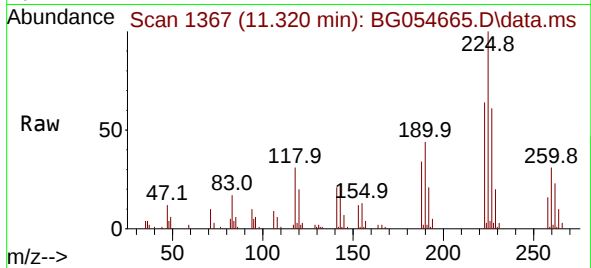




#33
Hexachlorobutadiene
Concen: 19.026 ng/ul
RT: 11.320 min Scan# 11320
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

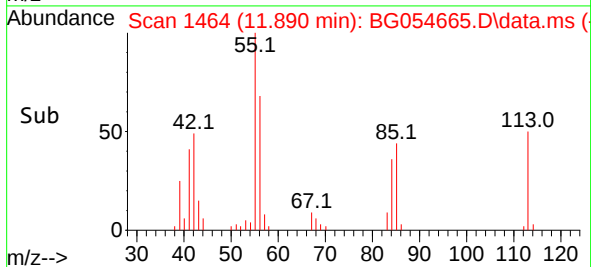
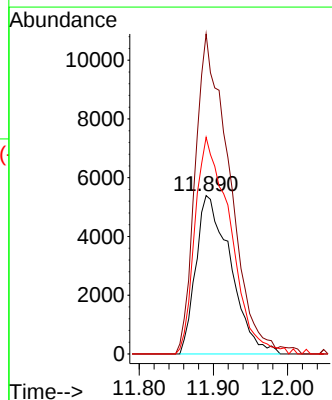
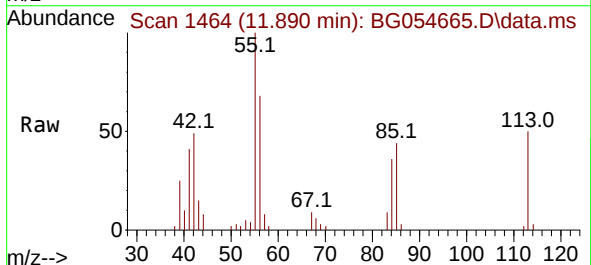
Instrument :
BNA_G
ClientSampleId :

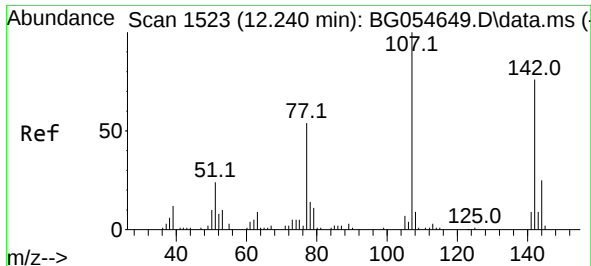
Tgt Ion:225 Resp: 38842
Ion Ratio Lower Upper
225 100
223 64.4 51.5 77.3
227 61.2 53.1 79.7



#34
Caprolactam
Concen: 18.830 ng/ul
RT: 11.890 min Scan# 1464
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:113 Resp: 17488
Ion Ratio Lower Upper
113 100
55 202.0 171.4 257.0
56 136.8 116.2 174.4

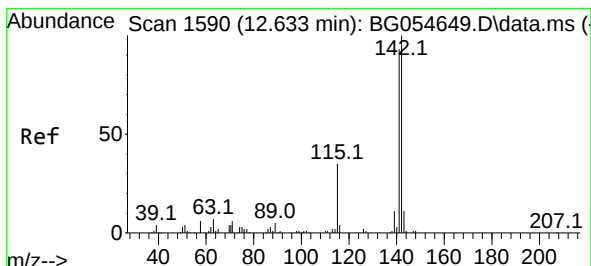
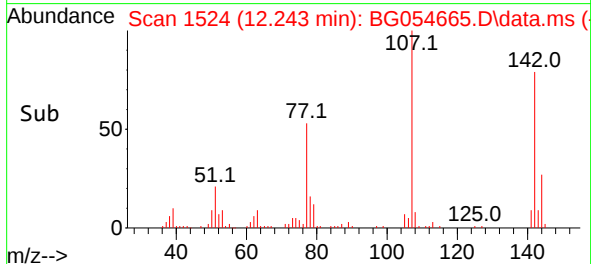
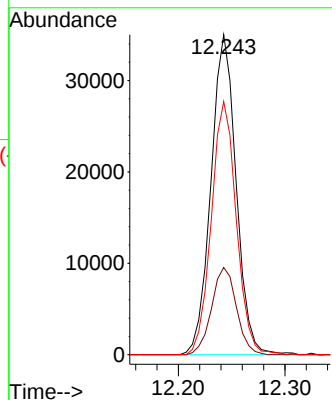
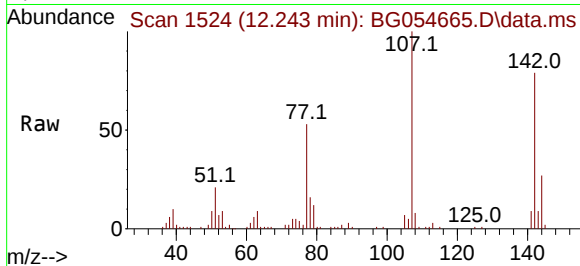




#35
 4-Chloro-3-methylphenol
 Concen: 19.349 ng/ul
 RT: 12.243 min Scan# 1523
 Delta R.T. 0.000 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

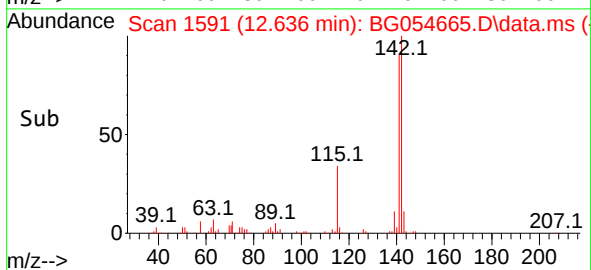
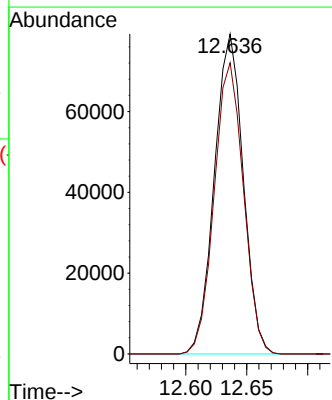
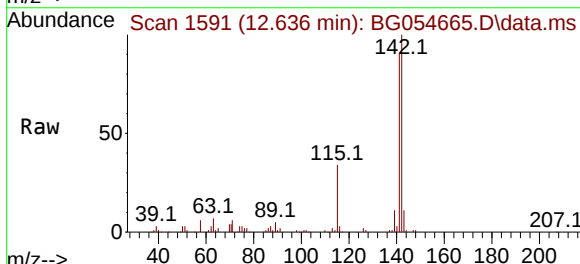
Instrument :
 BNA_G
 ClientSampleId :

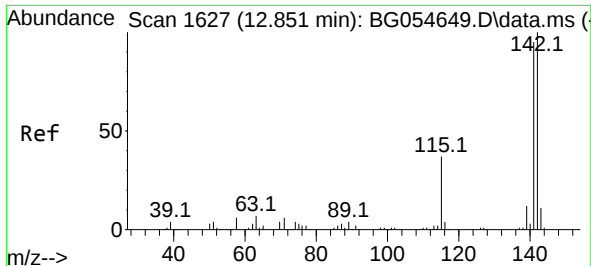
Tgt Ion:107 Resp: 57424
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.2 31.8
 142 79.1 63.4 95.0



#36
 2-Methylnaphthalene
 Concen: 19.360 ng/ul
 RT: 12.636 min Scan# 1591
 Delta R.T. 0.000 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

Tgt Ion:142 Resp: 130376
 Ion Ratio Lower Upper
 142 100
 141 91.0 73.0 109.6





#37

1-Methylnaphthalene

Concen: 19.624 ng/ul

RT: 12.854 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG054665.D

Acq: 19 Aug 2022 15:08

Instrument :

BNA_G

ClientSampleId :

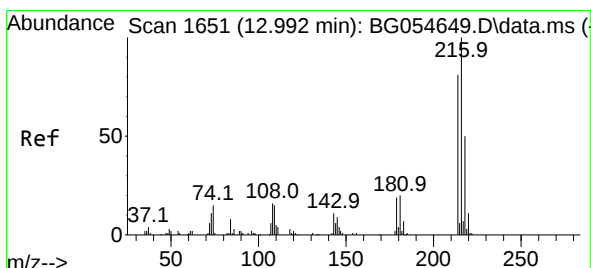
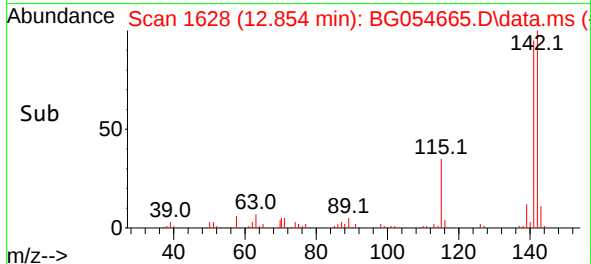
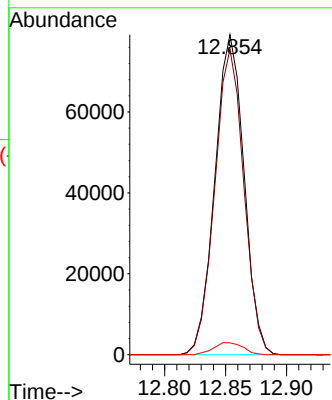
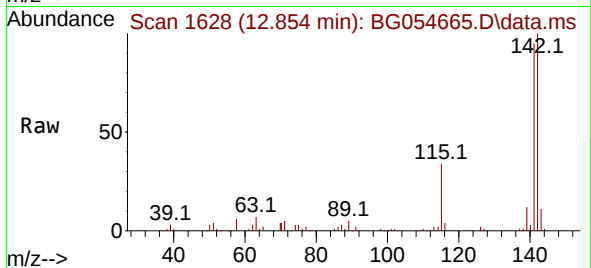
Tgt Ion:142 Resp: 131295

Ion Ratio Lower Upper

142 100

141 95.4 75.0 112.4

116 3.7 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.848 ng/ul

RT: 12.995 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BG054665.D

Acq: 19 Aug 2022 15:08

Tgt Ion:216 Resp: 72185

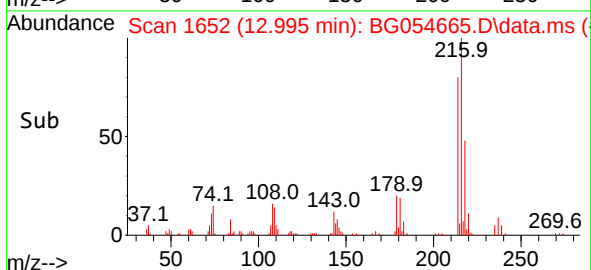
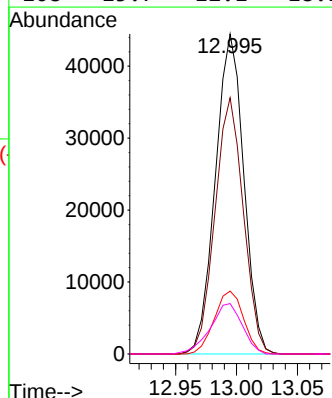
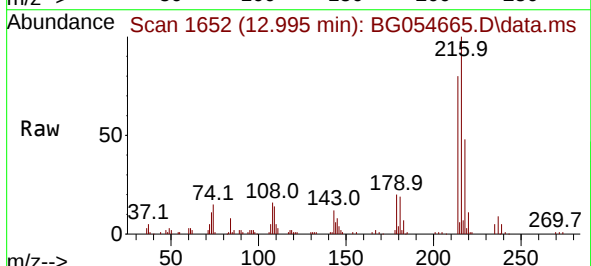
Ion Ratio Lower Upper

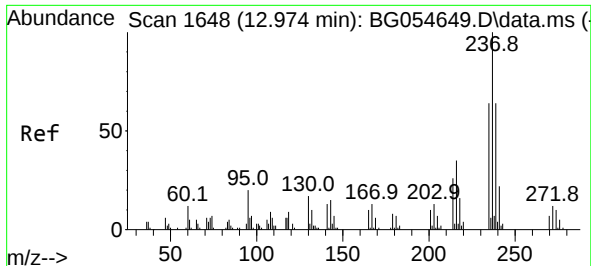
216 100

214 80.1 63.7 95.5

179 19.7 15.8 23.6

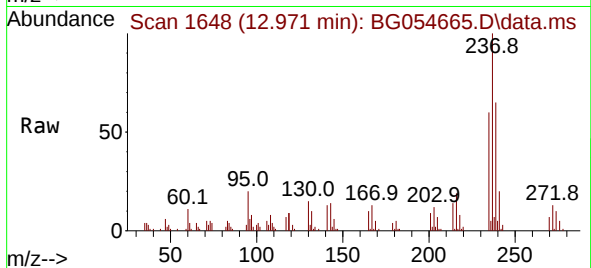
108 15.7 12.1 18.1



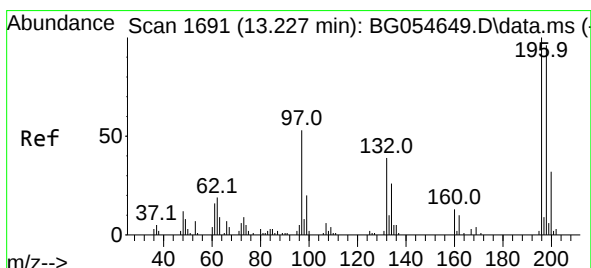
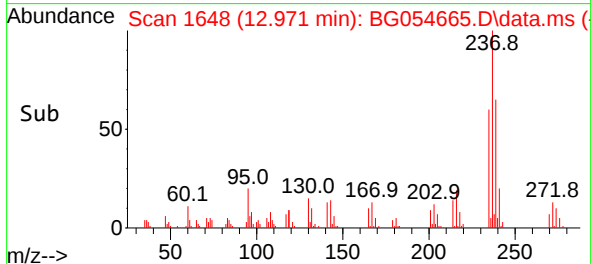
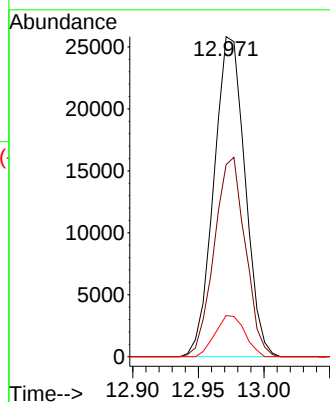


#40
Hexachlorocyclopentadiene
Concen: 17.550 ng/ul
RT: 12.971 min Scan# 1648
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Instrument :
BNA_G
ClientSampleId :

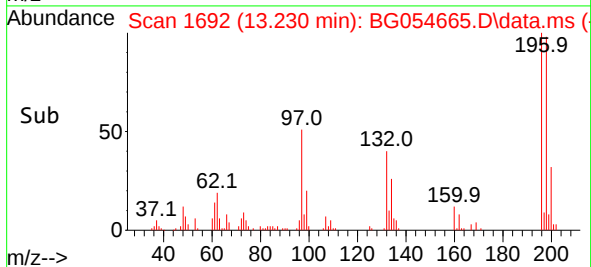
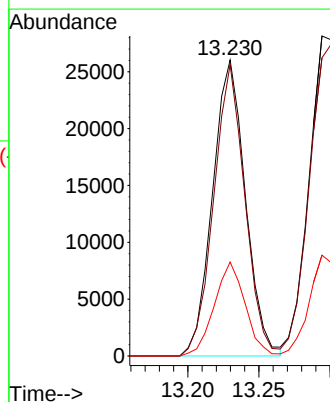
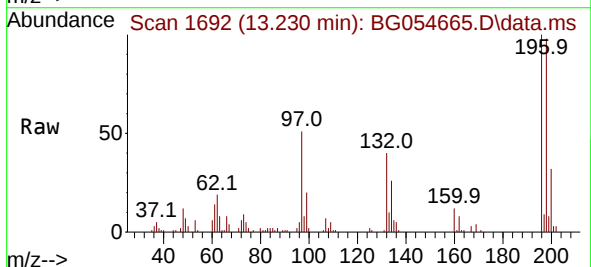


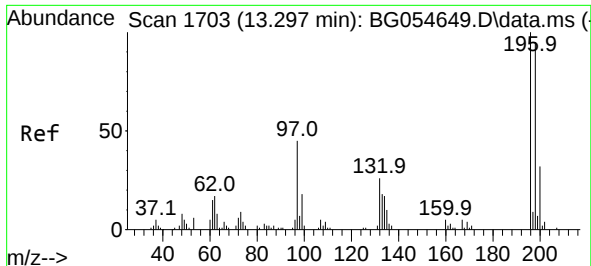
Tgt Ion:237 Resp: 42659
Ion Ratio Lower Upper
237 100
235 60.0 50.9 76.3
272 13.8 11.3 16.9



#41
2,4,6-Trichlorophenol
Concen: 18.596 ng/ul
RT: 13.230 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:196 Resp: 41809
Ion Ratio Lower Upper
196 100
198 98.4 77.5 116.3
200 31.7 23.4 35.2

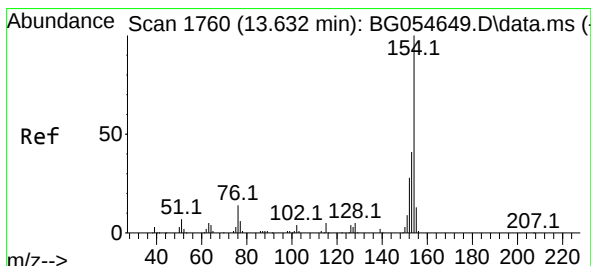
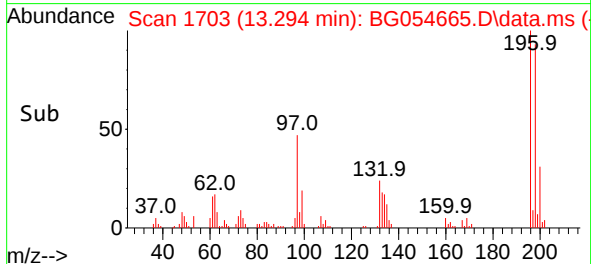
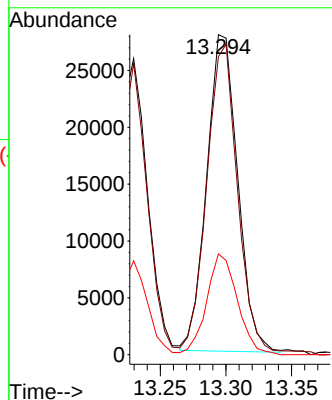
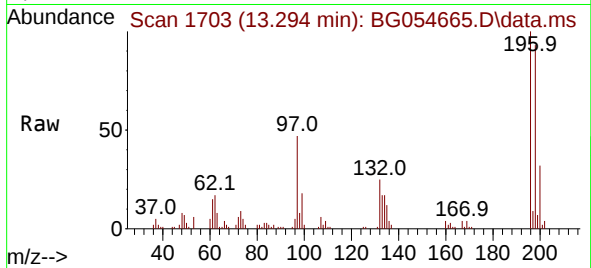




#42
2,4,5-Trichlorophenol
Concen: 18.706 ng/ul
RT: 13.294 min Scan# 1703
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

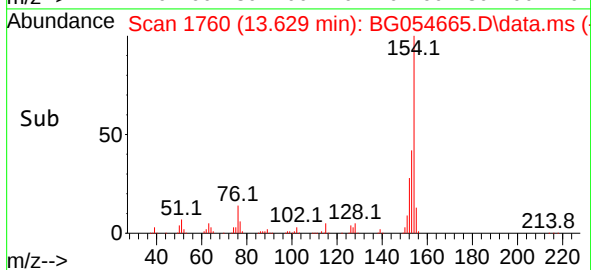
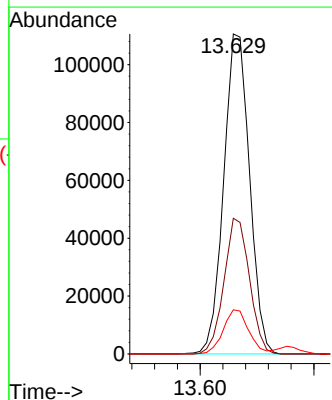
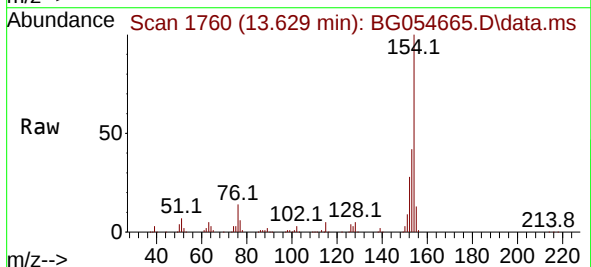
Instrument :
BNA_G
ClientSampleId :

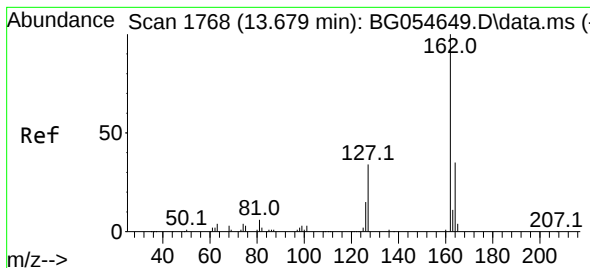
Tgt Ion:196 Resp: 45789
Ion Ratio Lower Upper
196 100
198 93.2 78.2 117.2
200 31.5 25.4 38.0



#43
1,1'-Biphenyl
Concen: 19.221 ng/ul
RT: 13.629 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:154 Resp: 174643
Ion Ratio Lower Upper
154 100
153 42.4 33.8 50.6
76 13.8 11.0 16.6





#44

2-Chloronaphthalene

Concen: 19.432 ng/ul

RT: 13.676 min Scan# 1

Delta R.T. 0.000 min

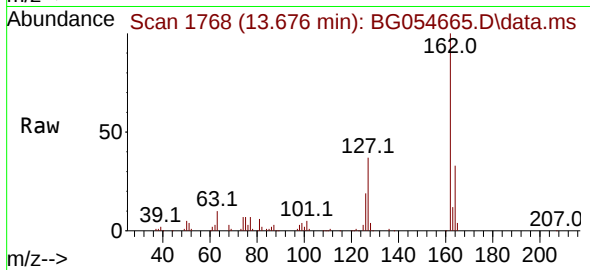
Lab File: BG054665.D

Acq: 19 Aug 2022 15:08

Instrument :

BNA_G

ClientSampleId :



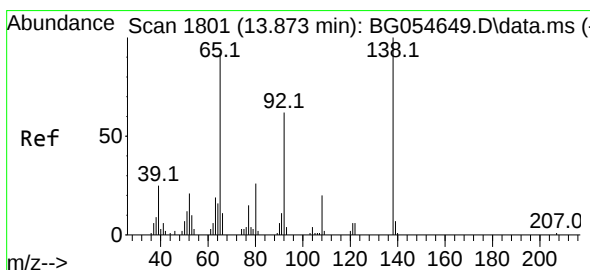
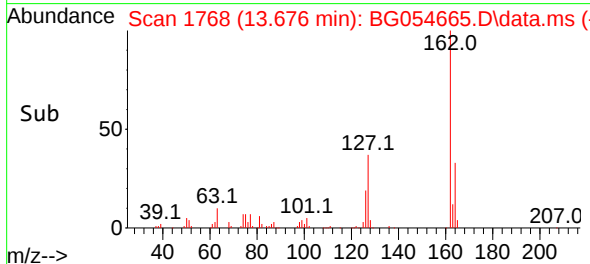
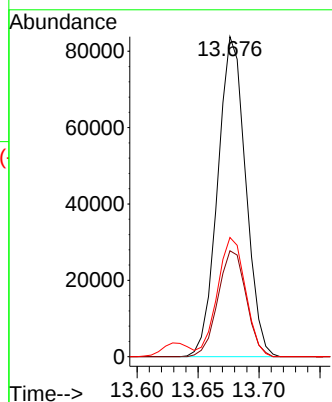
Tgt Ion:162 Resp: 133783

Ion Ratio Lower Upper

162 100

164 33.1 26.0 39.0

127 37.3 31.4 47.0



#45

2-Nitroaniline

Concen: 20.189 ng/ul

RT: 13.870 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BG054665.D

Acq: 19 Aug 2022 15:08

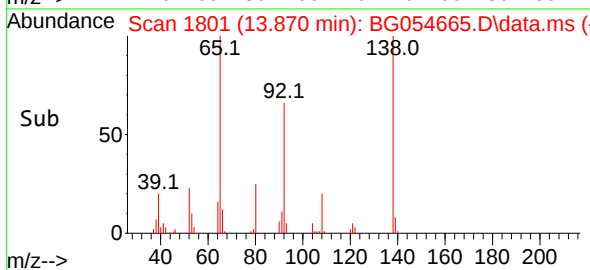
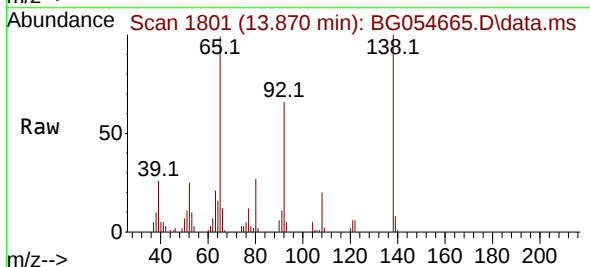
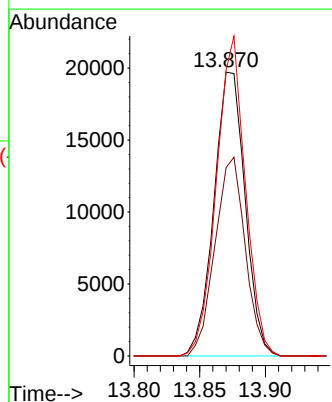
Tgt Ion: 65 Resp: 32605

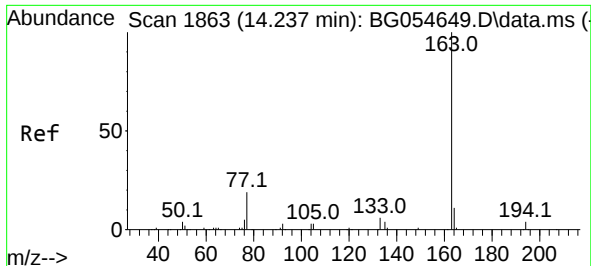
Ion Ratio Lower Upper

65 100

92 66.4 55.3 82.9

138 100.7 78.8 118.2

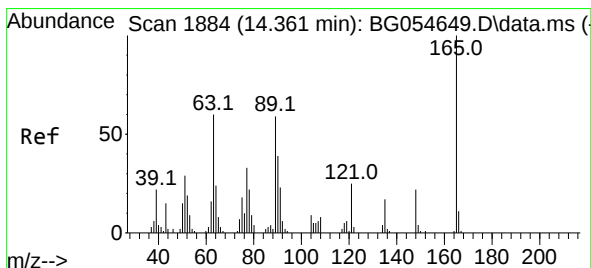
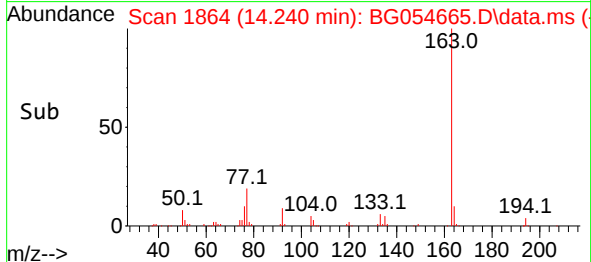
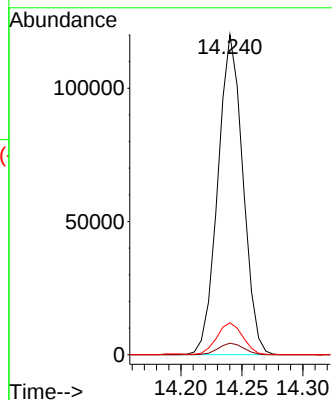
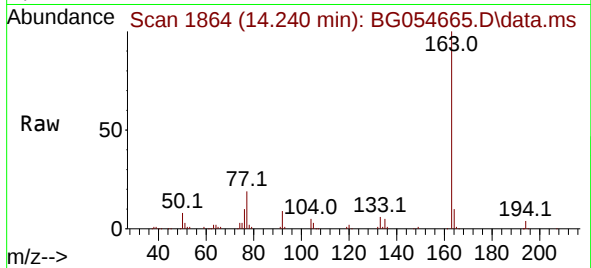




#47
Dimethylphthalate
Concen: 19.658 ng/ul
RT: 14.240 min Scan# 1864
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

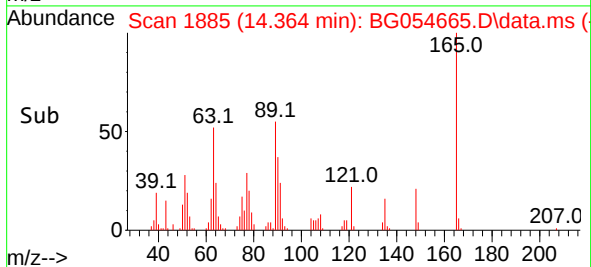
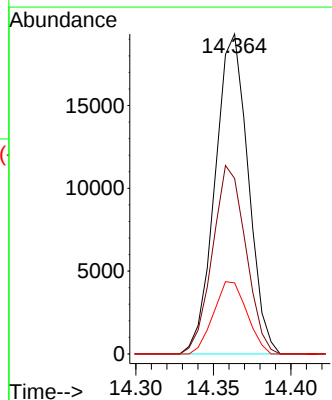
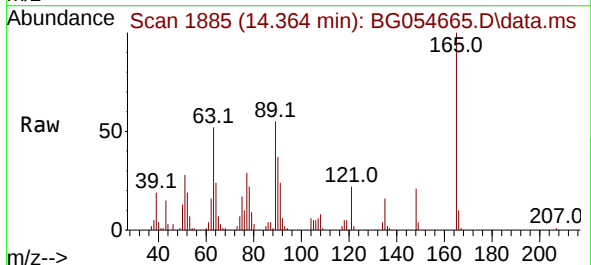
Instrument :
BNA_G
ClientSampleId :

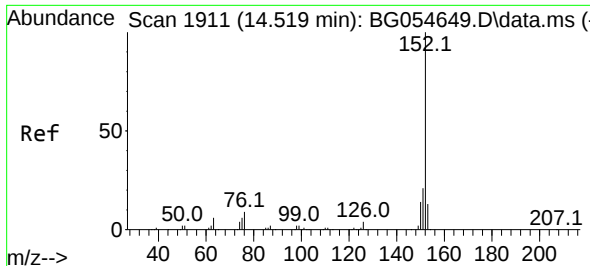
Tgt Ion:163 Resp: 171624
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.9 8.7 13.1



#48
2,6-Dinitrotoluene
Concen: 20.984 ng/ul
RT: 14.364 min Scan# 1885
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

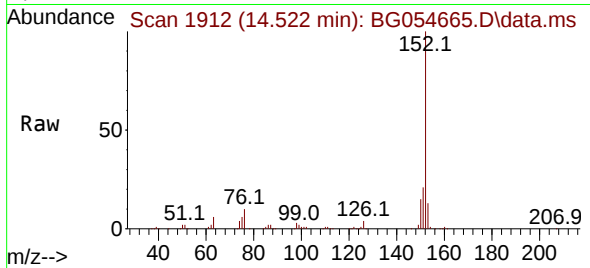
Tgt Ion:165 Resp: 28676
Ion Ratio Lower Upper
165 100
89 54.8 48.7 73.1
121 22.2 18.2 27.2



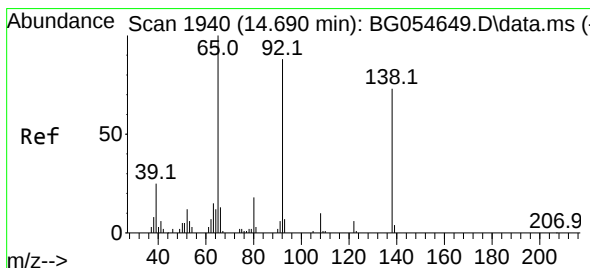
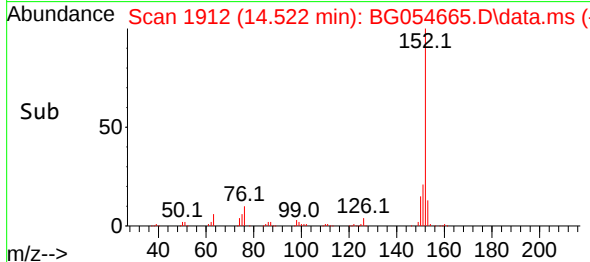
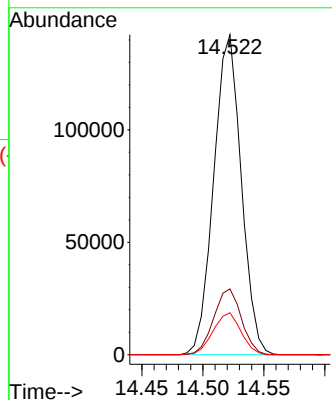


#50
Acenaphthylene
Concen: 19.494 ng/ul
RT: 14.522 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Instrument :
BNA_G
ClientSampleId :

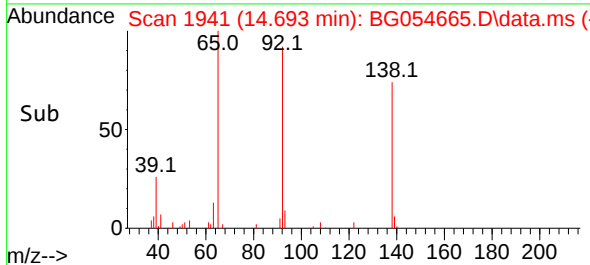
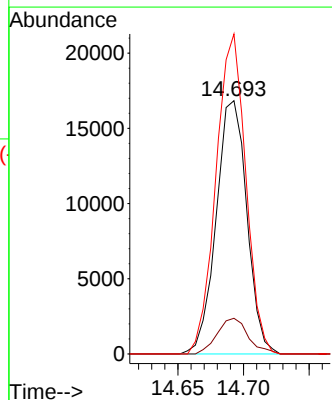
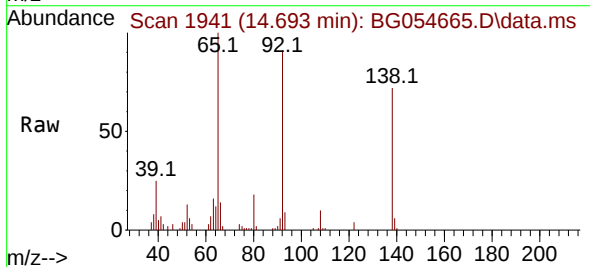


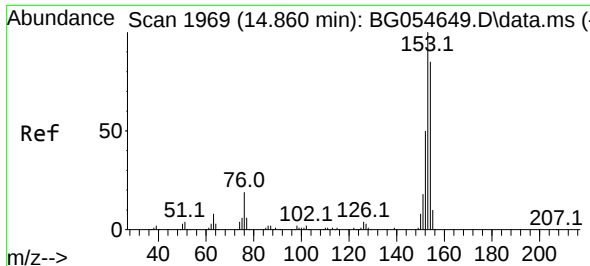
Tgt Ion:152 Resp: 223394
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.1 10.5 15.7



#51
3-Nitroaniline
Concen: 18.855 ng/ul
RT: 14.693 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

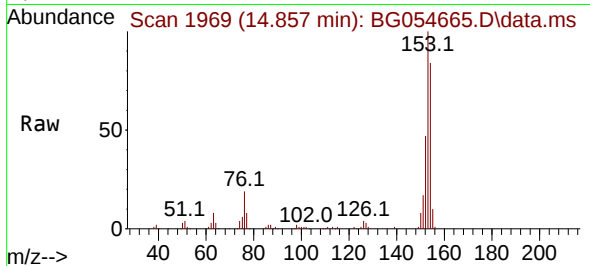
Tgt Ion:138 Resp: 27410
Ion Ratio Lower Upper
138 100
108 14.1 12.8 19.2
92 126.4 93.7 140.5



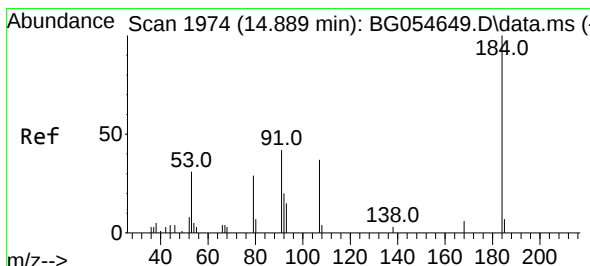
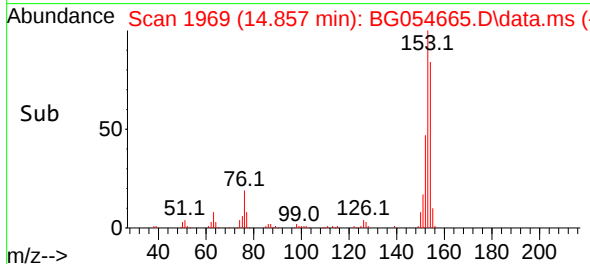
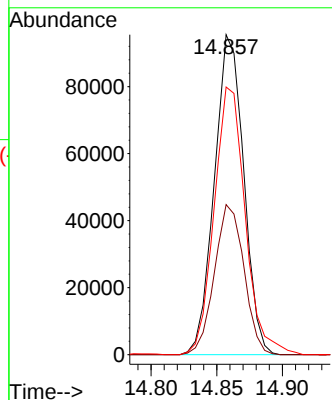


#52
Acenaphthene
Concen: 19.475 ng/ul
RT: 14.857 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Instrument :
BNA_G
ClientSampleId :

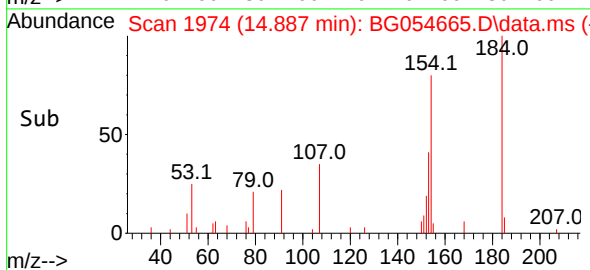
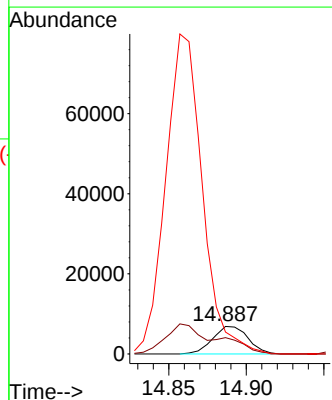
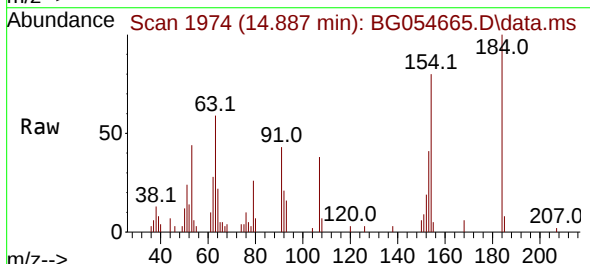


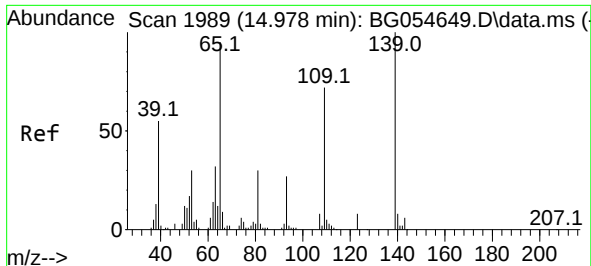
Tgt Ion:153 Resp: 148315
Ion Ratio Lower Upper
153 100
152 46.9 36.9 55.3
154 83.7 68.2 102.2



#53
2,4-Dinitrophenol
Concen: 15.914 ng/ul
RT: 14.887 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:184 Resp: 10856
Ion Ratio Lower Upper
184 100
63 59.2 42.0 63.0
154 79.9 48.9 73.3#

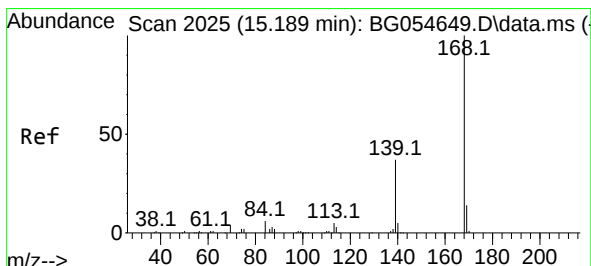
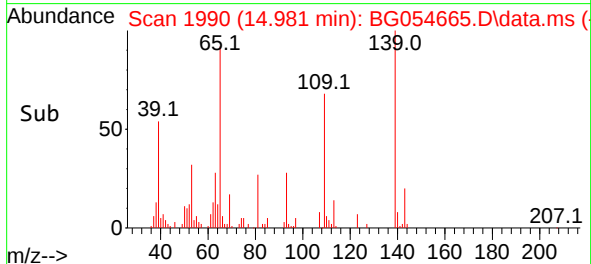
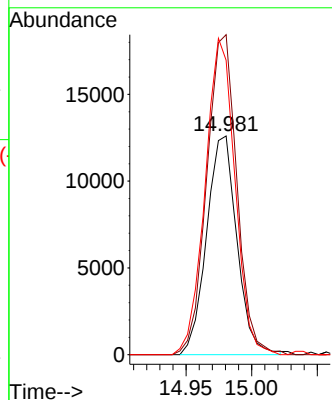
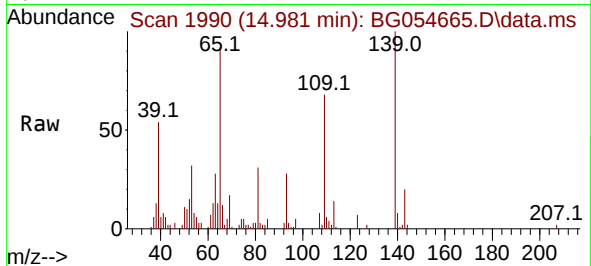




#55
4-Nitrophenol
Concen: 17.968 ng/ul
RT: 14.981 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

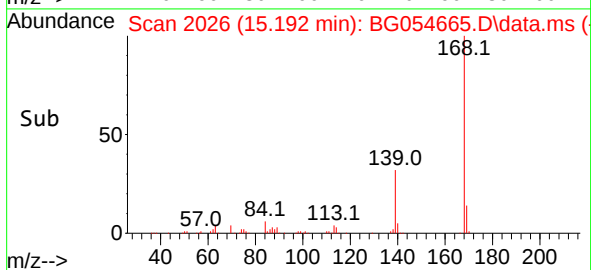
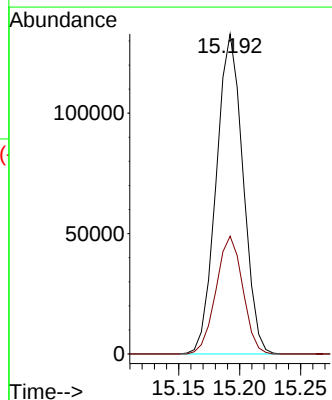
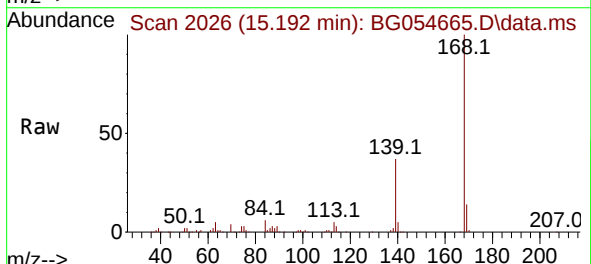
Instrument :
BNA_G
ClientSampleId :

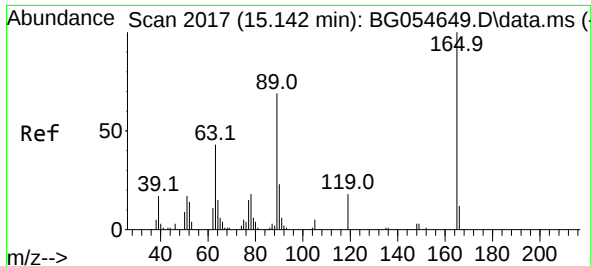
Tgt Ion	Ratio	Lower	Upper
109	100		
139	146.3	105.4	158.0
65	134.6	110.2	165.4



#56
Dibenzofuran
Concen: 19.356 ng/ul
RT: 15.192 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.4	44.2





#57

2,4-Dinitrotoluene

Concen: 21.815 ng/ul

RT: 15.145 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BG054665.D

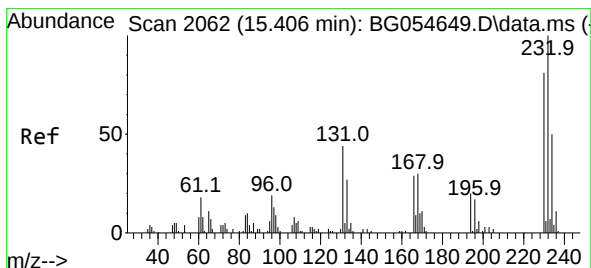
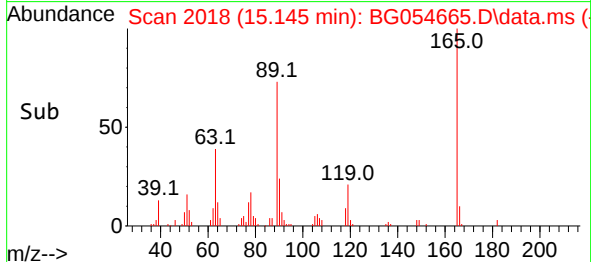
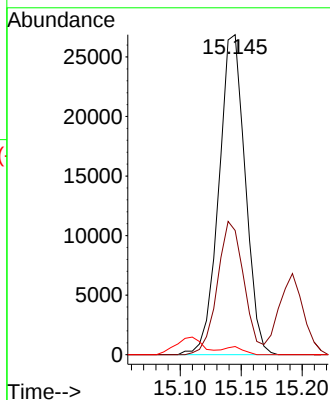
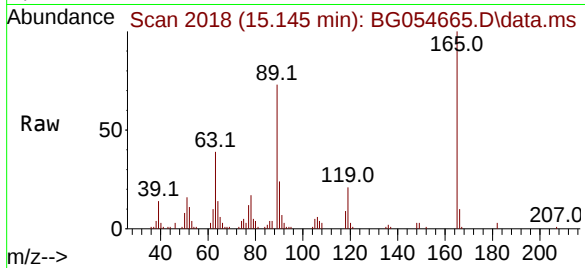
Acq: 19 Aug 2022 15:08

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:165	Resp:	40418
Ion Ratio	Lower	Upper
165	100	
63	38.8	35.0 52.4
182	2.5	2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 18.688 ng/ul

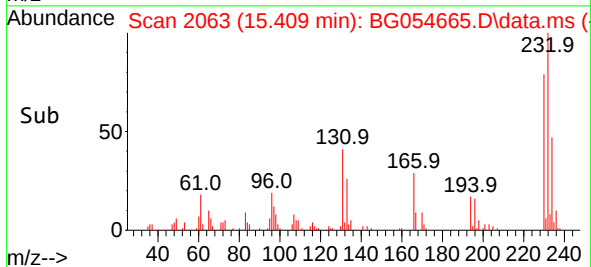
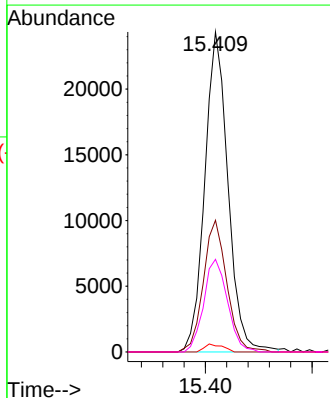
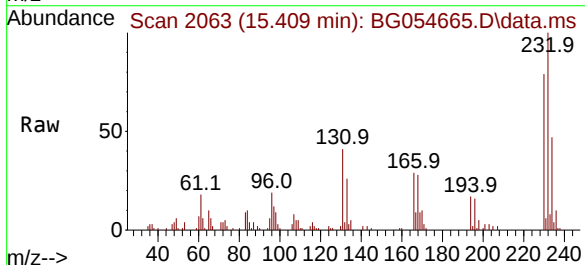
RT: 15.409 min Scan# 2063

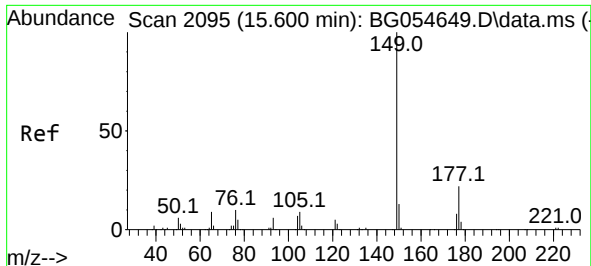
Delta R.T. 0.000 min

Lab File: BG054665.D

Acq: 19 Aug 2022 15:08

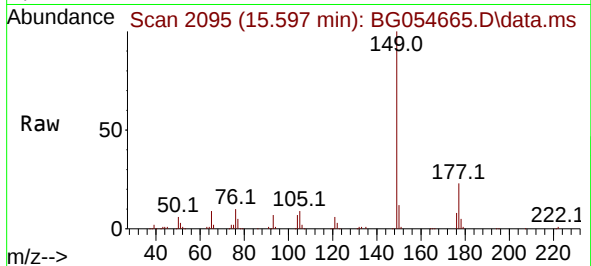
Tgt Ion:232	Resp:	36821
Ion Ratio	Lower	Upper
232	100	
131	41.1	33.8 50.8
130	1.9	2.0 3.0#
166	29.0	24.4 36.6



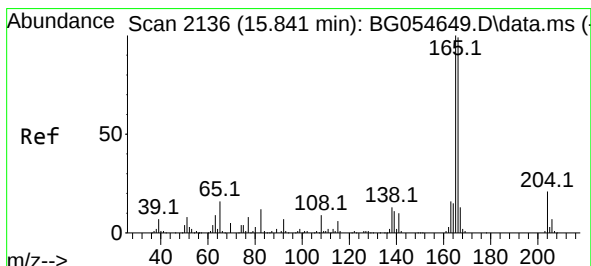
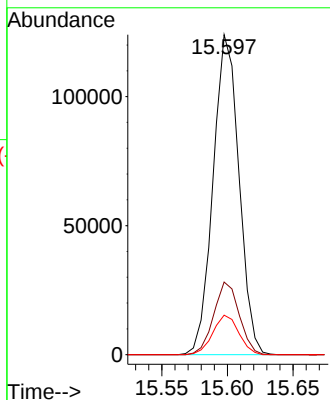
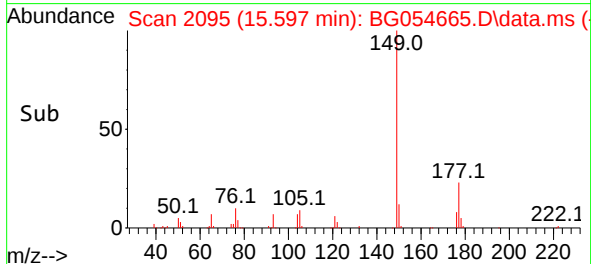


#59
Diethylphthalate
Concen: 19.633 ng/ul
RT: 15.597 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Instrument :
BNA_G
ClientSampleId :

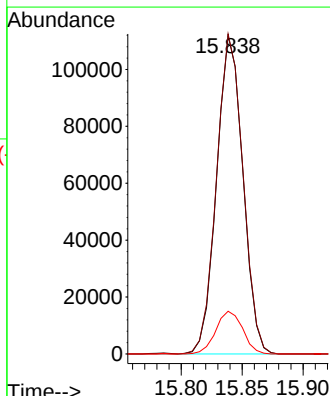
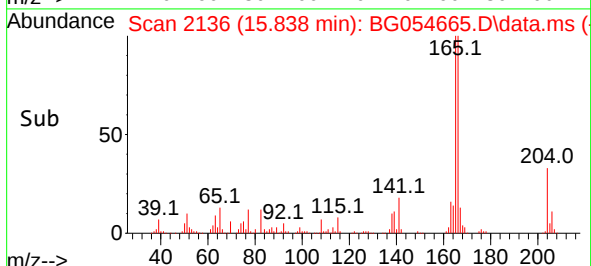
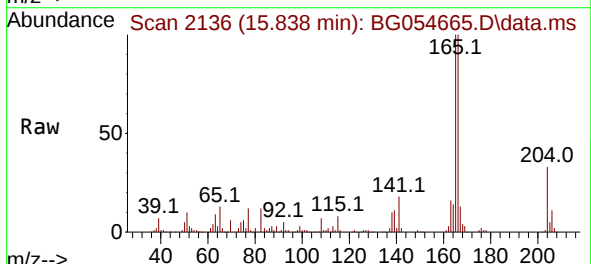


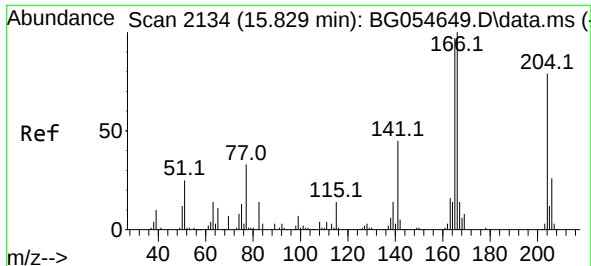
Tgt Ion:149 Resp: 170090
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.3 9.8 14.8



#61
Fluorene
Concen: 19.621 ng/ul
RT: 15.838 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:166 Resp: 167819
Ion Ratio Lower Upper
166 100
165 100.5 81.3 121.9
167 13.4 11.0 16.4

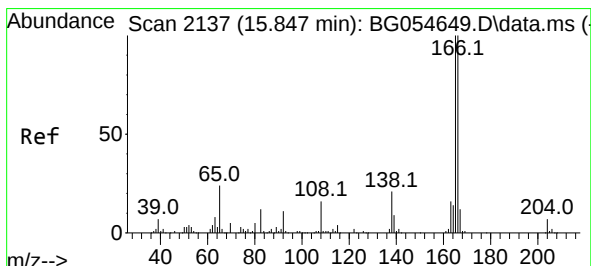
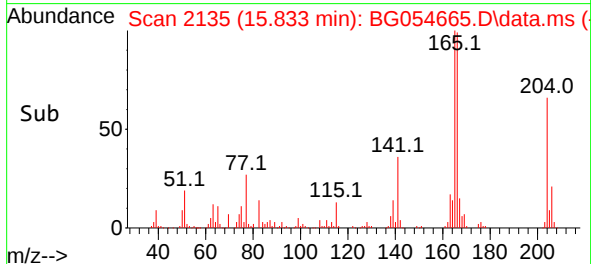
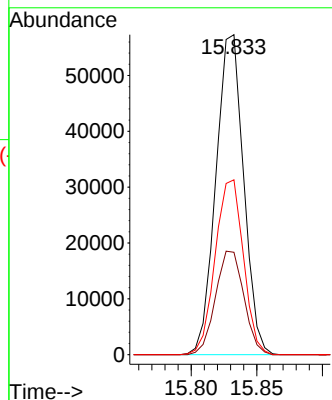
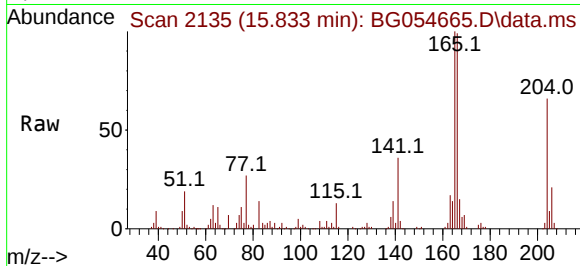




#62
4-Chlorophenyl-phenylether
Concen: 19.236 ng/ul
RT: 15.833 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

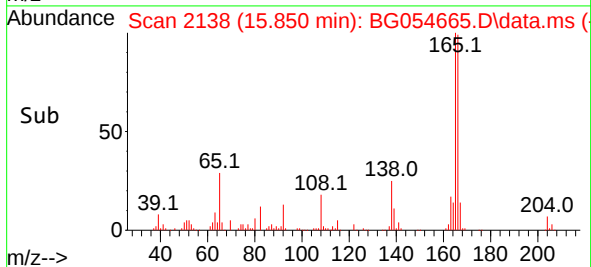
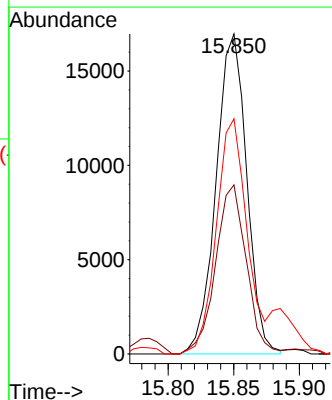
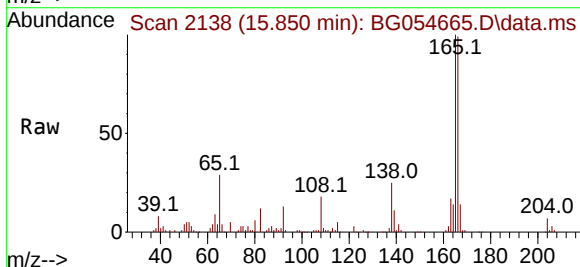
Instrument :
BNA_G
ClientSampleId :

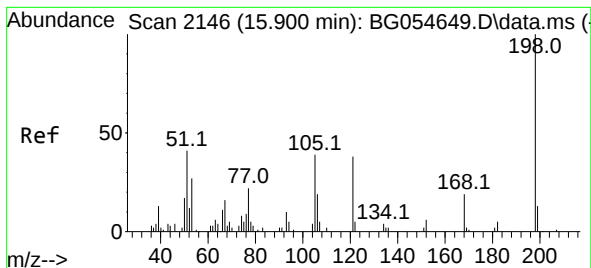
Tgt Ion:204 Resp: 84275
Ion Ratio Lower Upper
204 100
206 32.0 25.7 38.5
141 54.7 43.9 65.9



#63
4-Nitroaniline
Concen: 20.331 ng/ul
RT: 15.850 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:138 Resp: 27566
Ion Ratio Lower Upper
138 100
92 52.9 40.5 60.7
108 73.5 64.5 96.7

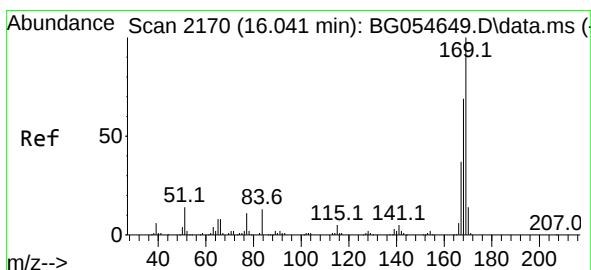
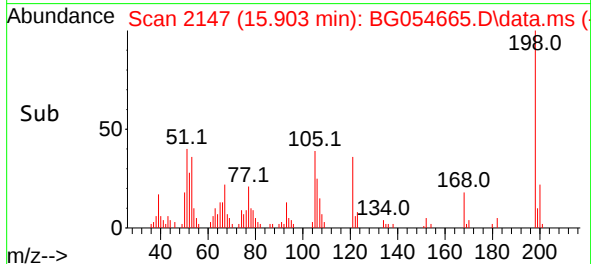
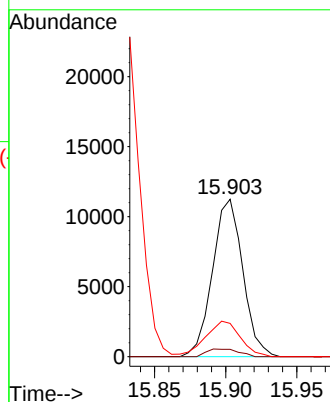
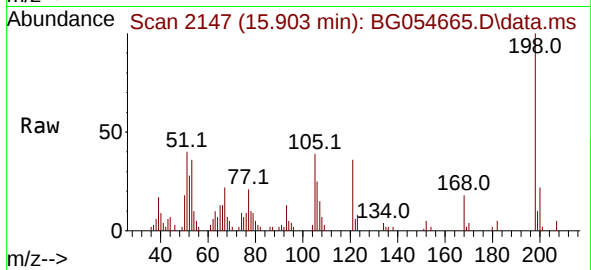




#66
 4,6-Dinitro-2-methylphenol
 Concen: 16.130 ng/ul
 RT: 15.903 min Scan# 2146
 Delta R.T. 0.000 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

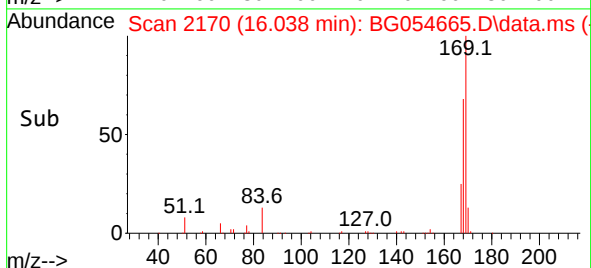
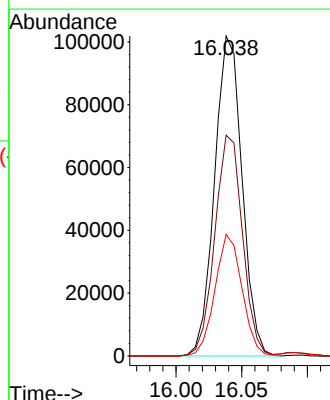
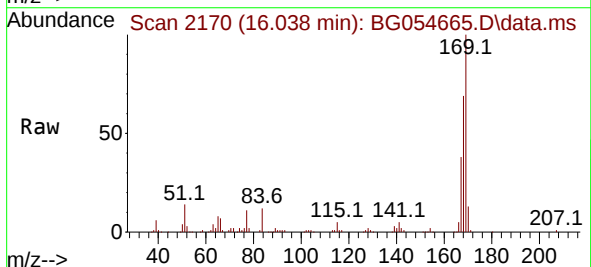
Instrument :
 BNA_G
 ClientSampleId :

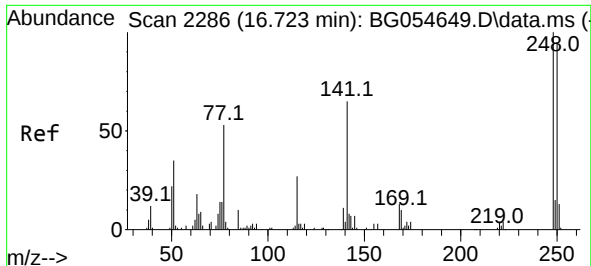
Tgt Ion:198 Resp: 16651
 Ion Ratio Lower Upper
 198 100
 182 4.7 4.0 6.0
 77 21.1 20.2 30.2



#67
 N-Nitrosodiphenylamine
 Concen: 19.319 ng/ul
 RT: 16.038 min Scan# 2170
 Delta R.T. -0.005 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

Tgt Ion:169 Resp: 148263
 Ion Ratio Lower Upper
 169 100
 168 69.0 53.8 80.8
 167 37.9 29.4 44.0

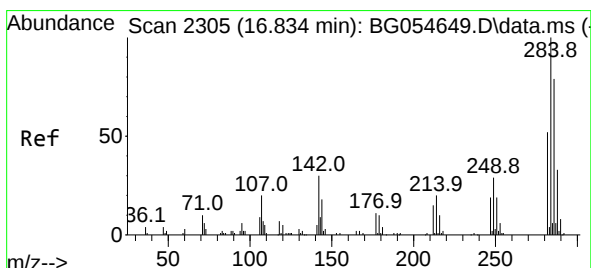
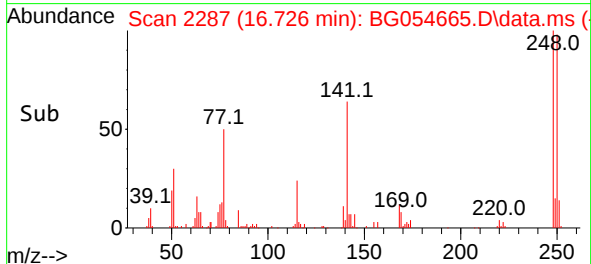
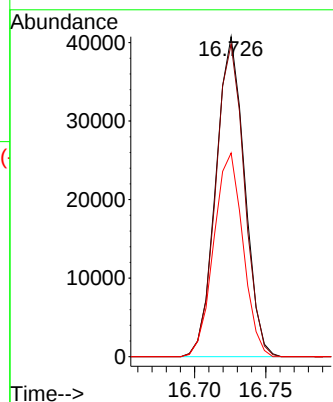
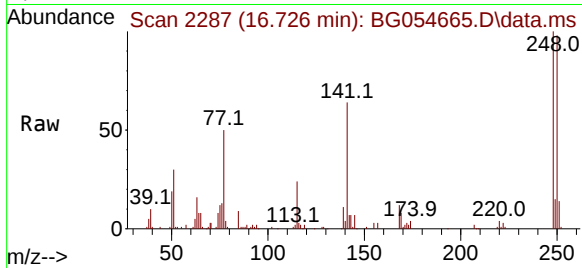




#68
4-Bromophenyl-phenylether
Concen: 19.526 ng/ul
RT: 16.726 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

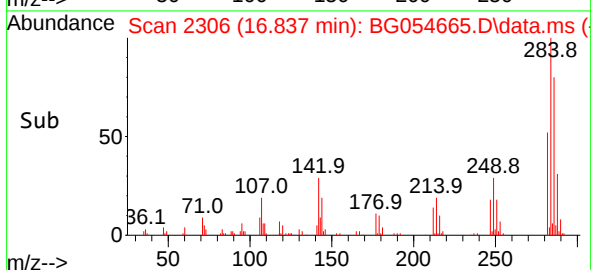
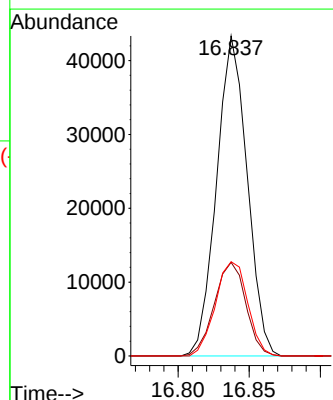
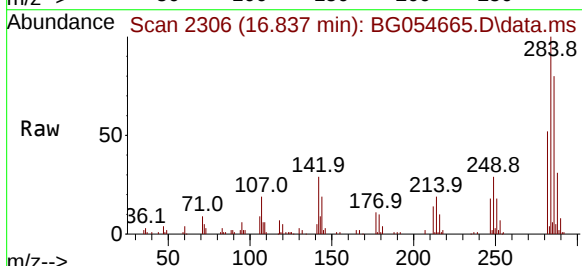
Instrument :
BNA_G
ClientSampleId :

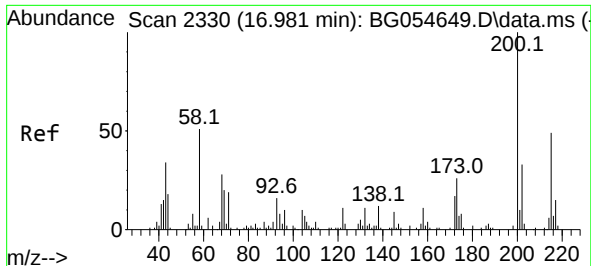
Tgt Ion:248 Resp: 57205
Ion Ratio Lower Upper
248 100
250 97.6 79.1 118.7
141 63.7 52.5 78.7



#69
Hexachlorobenzene
Concen: 19.398 ng/ul
RT: 16.837 min Scan# 2306
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:284 Resp: 64845
Ion Ratio Lower Upper
284 100
142 29.3 23.7 35.5
249 29.4 24.2 36.2

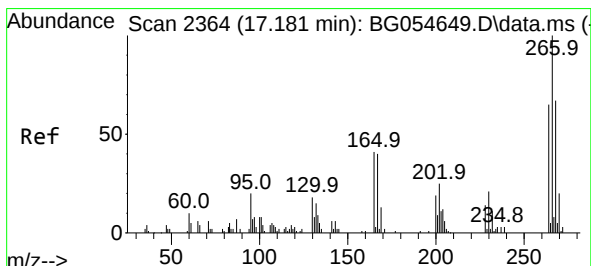
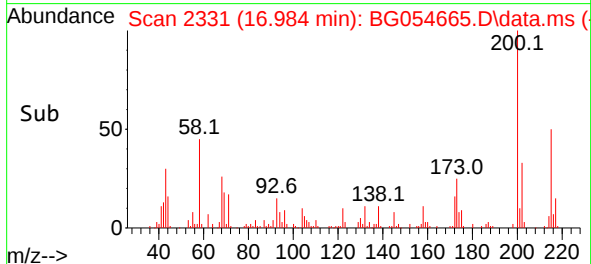
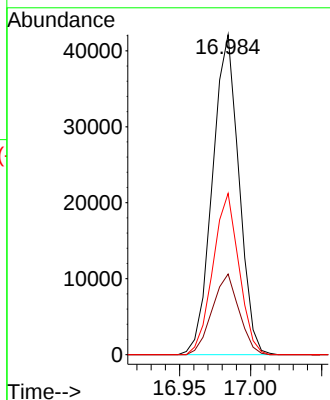
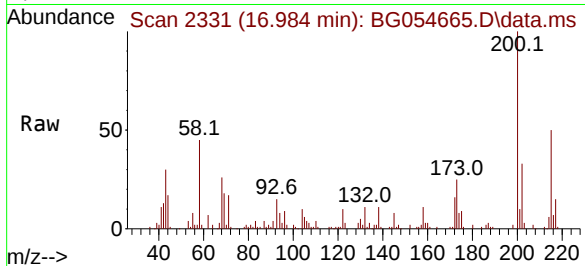




#70
 Atrazine
 Concen: 18.692 ng/ul
 RT: 16.984 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

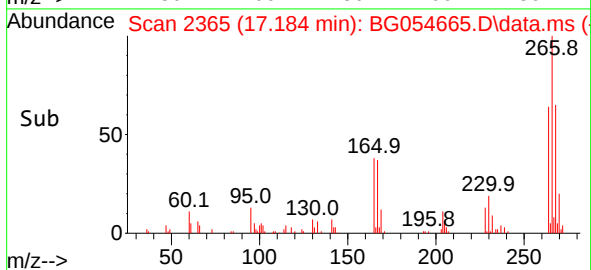
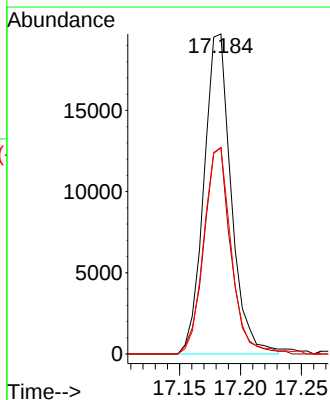
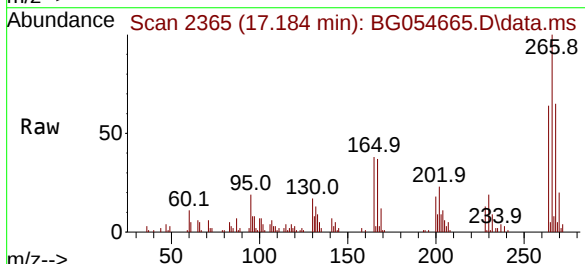
Instrument :
 BNA_G
 ClientSampleId :

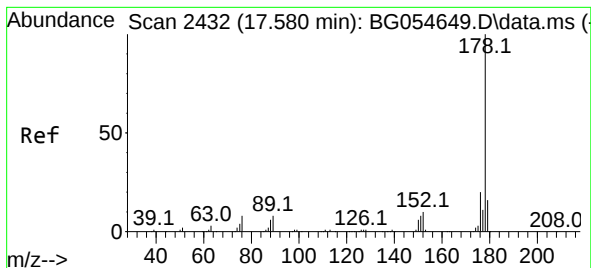
Tgt Ion:200 Resp: 54531
 Ion Ratio Lower Upper
 200 100
 173 25.2 21.3 31.9
 215 50.4 38.8 58.2



#71
 Pentachlorophenol
 Concen: 16.613 ng/ul
 RT: 17.184 min Scan# 2365
 Delta R.T. 0.000 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

Tgt Ion:266 Resp: 30687
 Ion Ratio Lower Upper
 266 100
 264 64.4 53.8 80.8
 268 64.6 52.8 79.2





#72

Phenanthrene

Concen: 19.601 ng/u1

RT: 17.583 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BG054665.D

Acq: 19 Aug 2022 15:08

Instrument :

BNA_G

ClientSampleId :

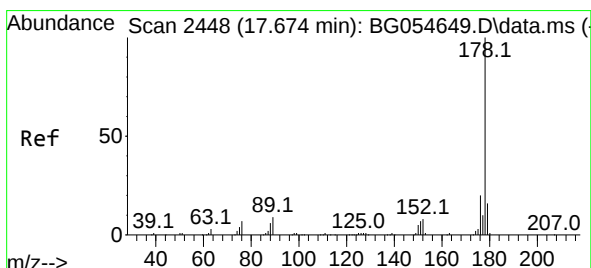
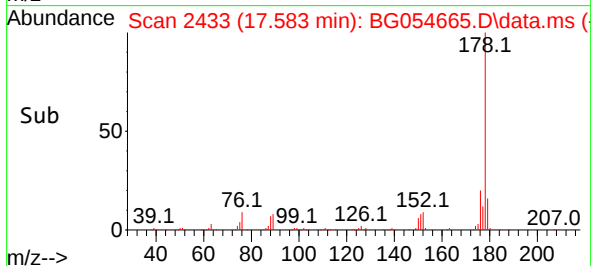
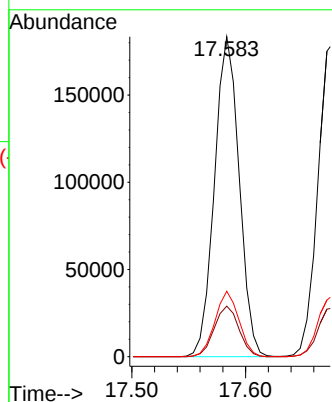
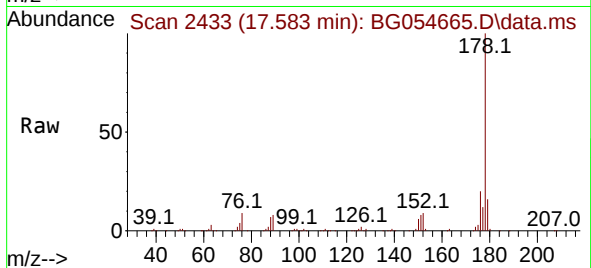
Tgt Ion:178 Resp: 277065

Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

176 20.5 15.6 23.4



#74

Anthracene

Concen: 19.807 ng/u1

RT: 17.677 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BG054665.D

Acq: 19 Aug 2022 15:08

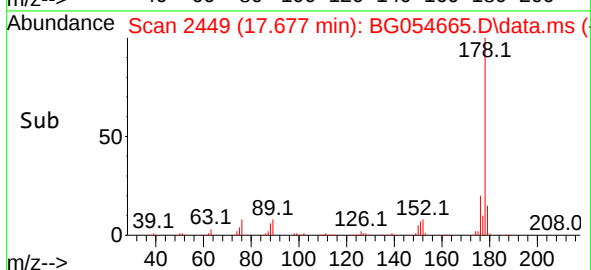
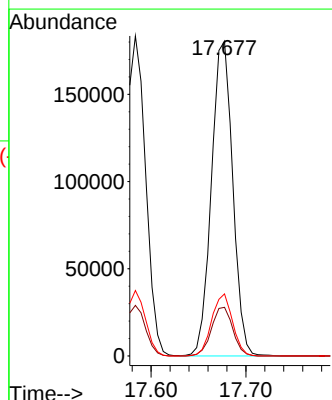
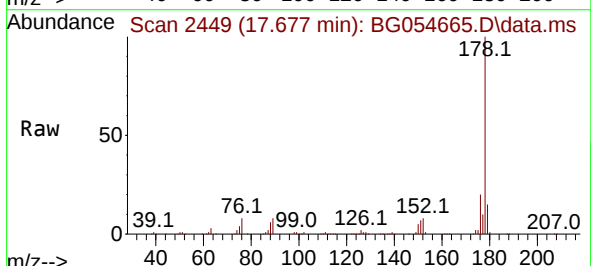
Tgt Ion:178 Resp: 281995

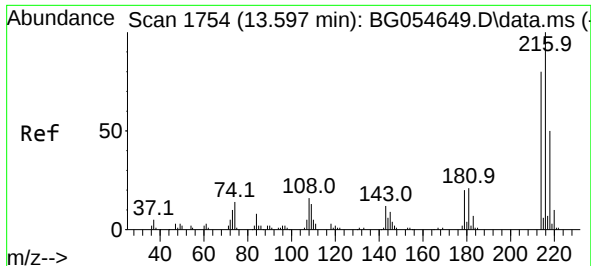
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.7 15.9 23.9

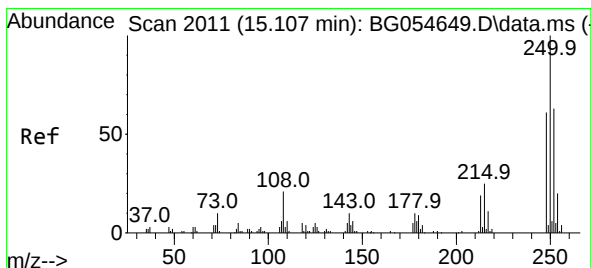
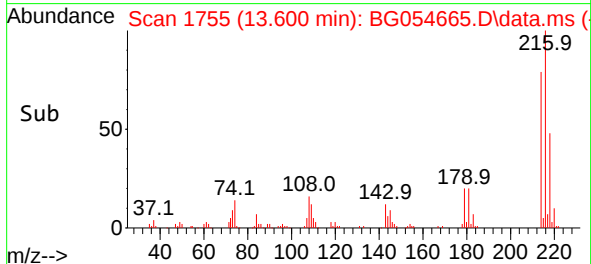
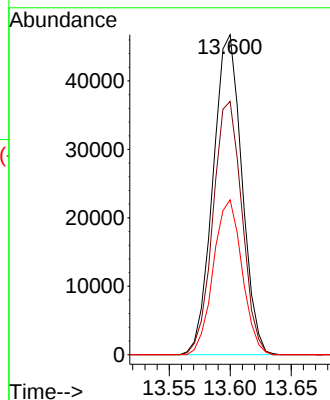
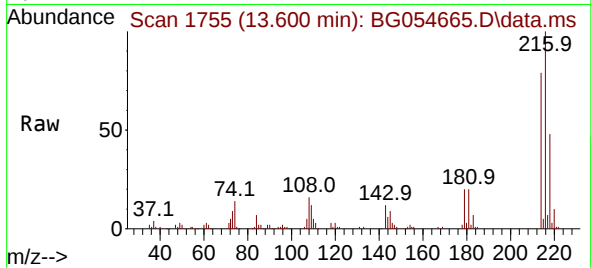




#75
1,2,3,4-Tetrachlorobenzene
Concen: 18.861 ng/uL
RT: 13.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

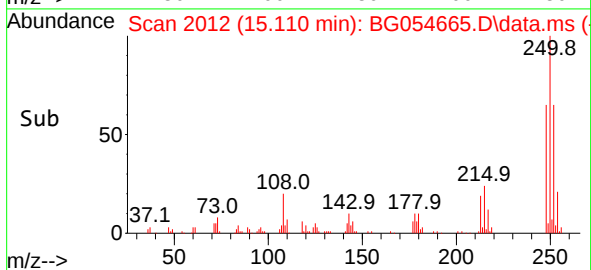
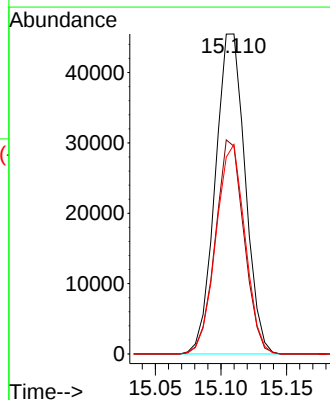
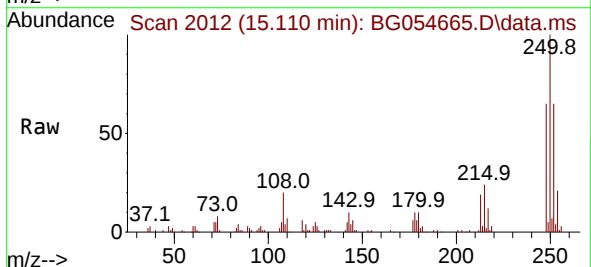
Instrument :
BNA_G
ClientSampleId :

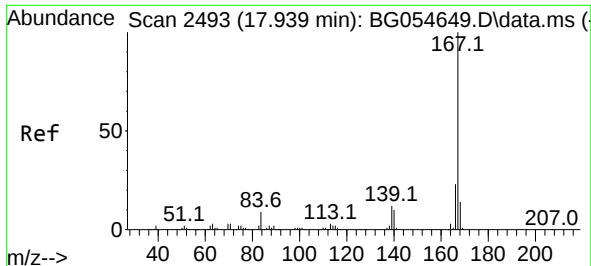
Tgt Ion:216 Resp: 77042
Ion Ratio Lower Upper
216 100
214 79.2 61.9 92.9
218 48.4 39.5 59.3



#76
Pentachlorobenzene
Concen: 18.502 ng/uL
RT: 15.110 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

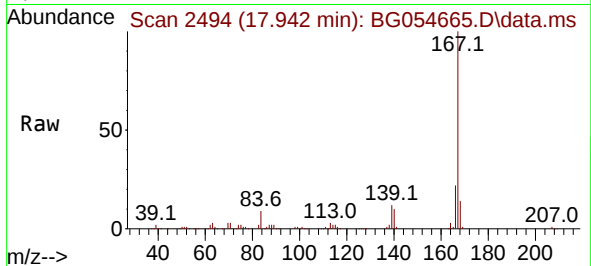
Tgt Ion:250 Resp: 71988
Ion Ratio Lower Upper
250 100
248 64.9 49.1 73.7
252 65.5 50.6 76.0



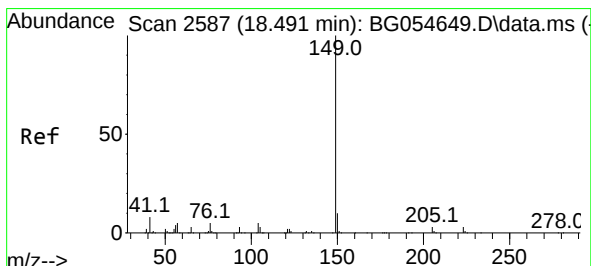
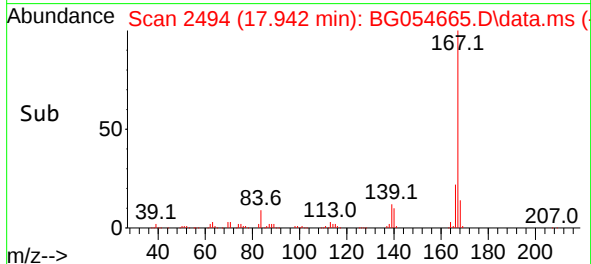
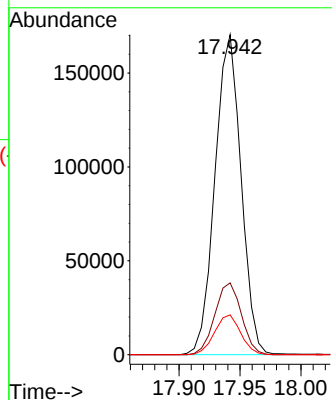


#77
 Carbazole
 Concen: 20.135 ng/ul
 RT: 17.942 min Scan# 2494
 Delta R.T. 0.000 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

Instrument :
 BNA_G
 ClientSampleId :

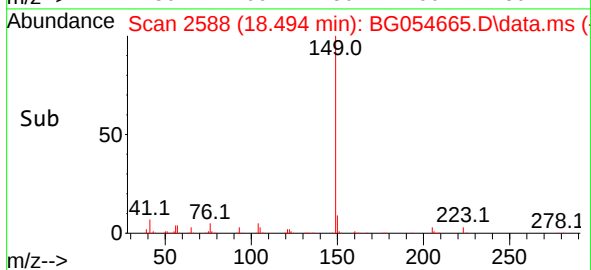
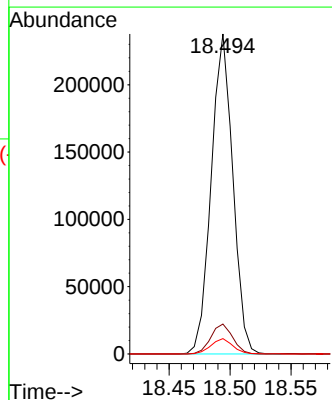
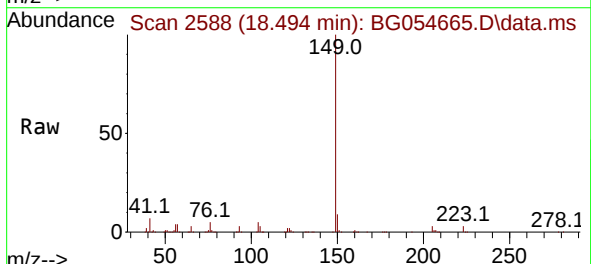


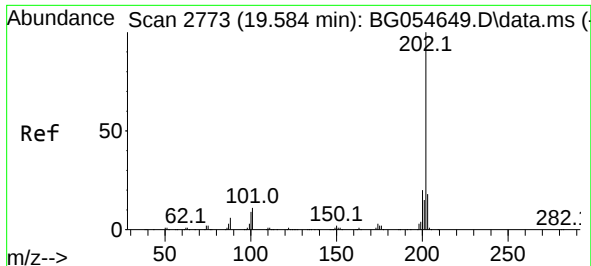
Tgt Ion:167 Resp: 253784
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.6
 139 12.5 9.9 14.9



#78
 Di-n-butylphthalate
 Concen: 19.887 ng/ul
 RT: 18.494 min Scan# 2588
 Delta R.T. 0.000 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

Tgt Ion:149 Resp: 293178
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.8 4.2 6.4

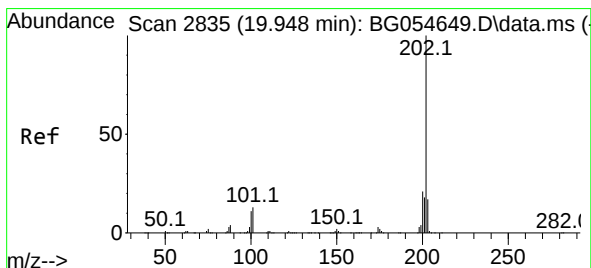
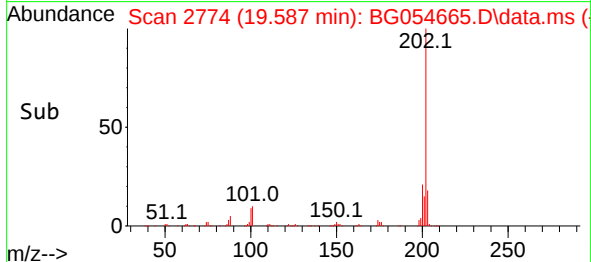
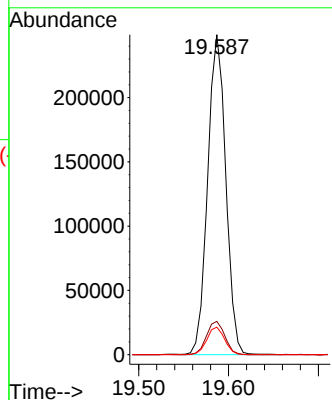
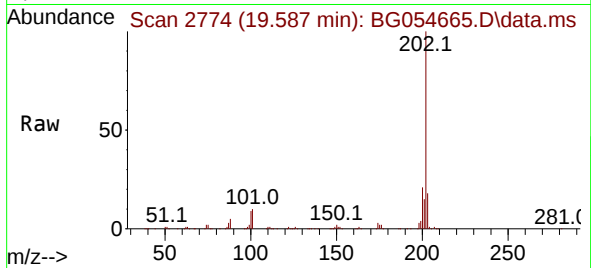




#80
Fluoranthene
Concen: 19.552 ng/u1
RT: 19.587 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

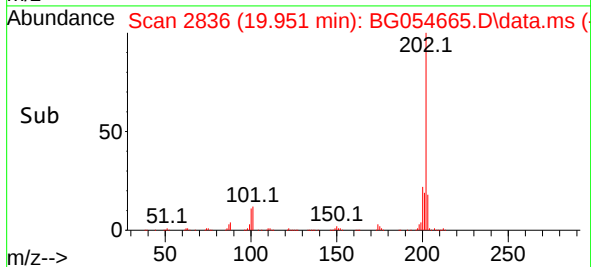
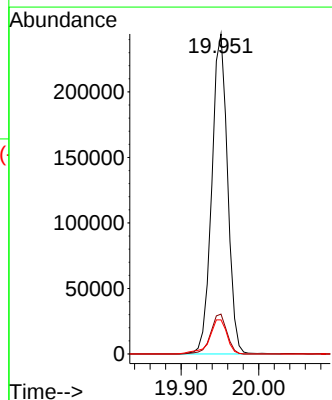
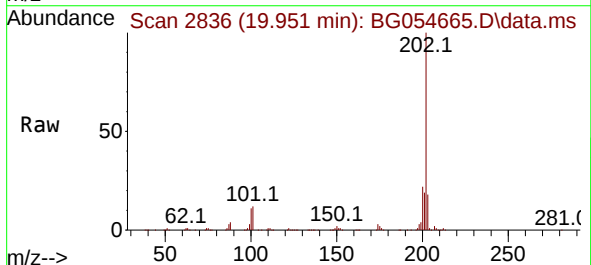
Instrument :
BNA_G
ClientSampleId :

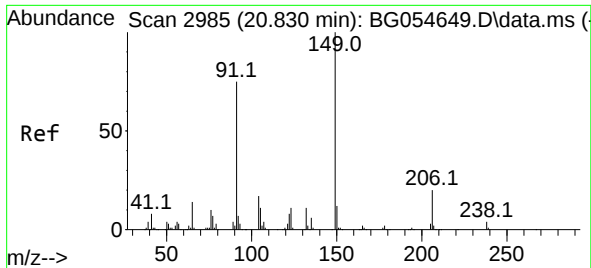
Tgt Ion:202 Resp: 348732
Ion Ratio Lower Upper
202 100
101 10.4 8.0 12.0
100 8.6 6.7 10.1



#82
Pyrene
Concen: 19.497 ng/u1
RT: 19.951 min Scan# 2836
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:202 Resp: 345658
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 10.7 8.4 12.6

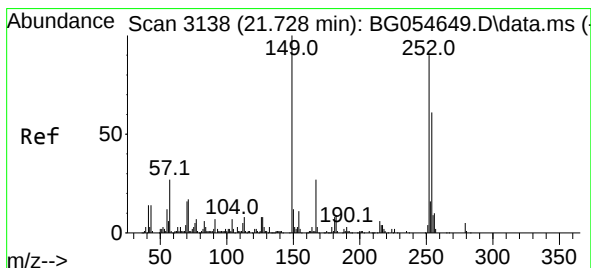
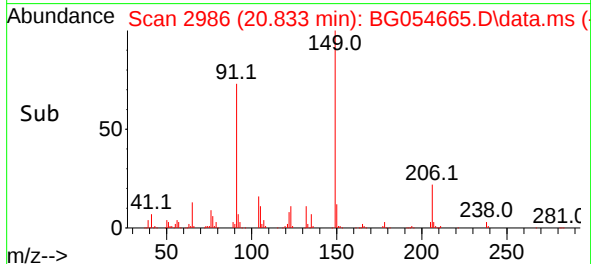
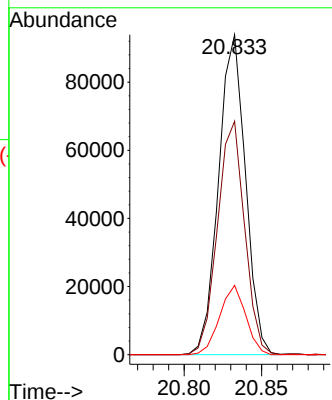
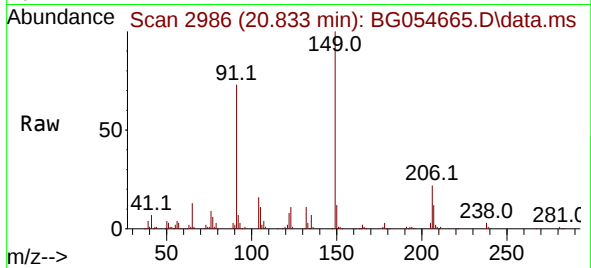




#83
Butylbenzylphthalate
Concen: 18.695 ng/ul
RT: 20.833 min Scan# 2985
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

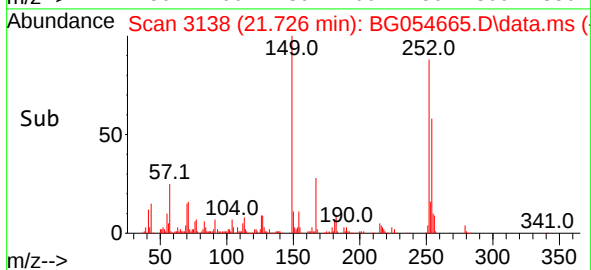
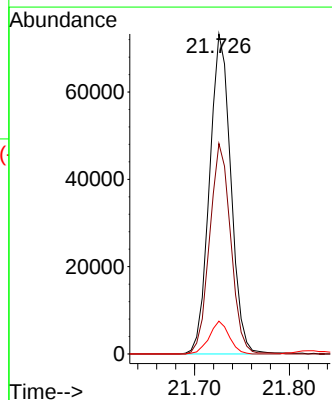
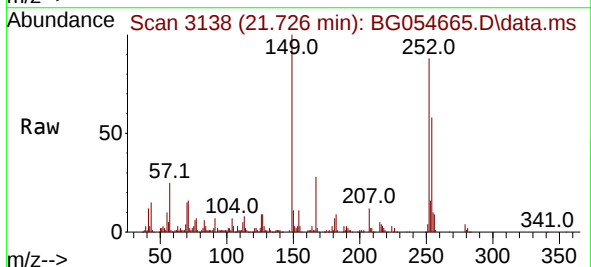
Instrument :
BNA_G
ClientSampleId :

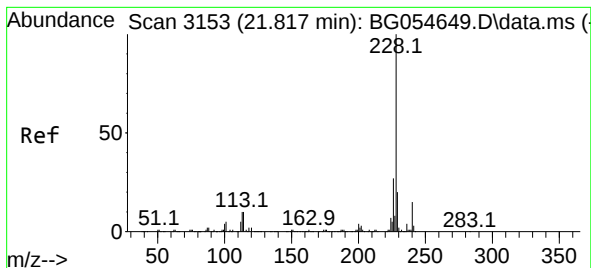
Tgt Ion:149 Resp: 113491
Ion Ratio Lower Upper
149 100
91 73.0 59.1 88.7
206 21.6 16.8 25.2



#84
3,3'-Dichlorobenzidine
Concen: 19.223 ng/ul
RT: 21.726 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:252 Resp: 114465
Ion Ratio Lower Upper
252 100
254 65.7 49.1 73.7
126 10.2 8.3 12.5





#85

Benzo(a)anthracene

Concen: 19.337 ng/ul

RT: 21.820 min Scan# 3153

Delta R.T. 0.000 min

Lab File: BG054665.D

Acq: 19 Aug 2022 15:08

Instrument :

BNA_G

ClientSampleId :

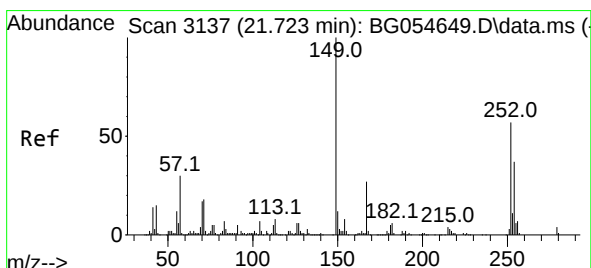
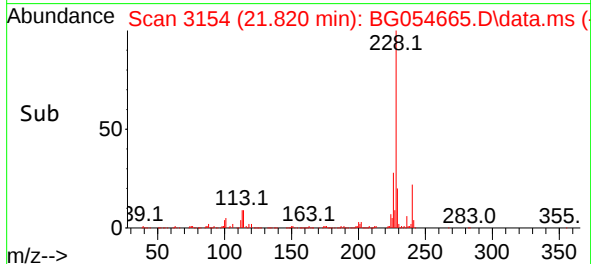
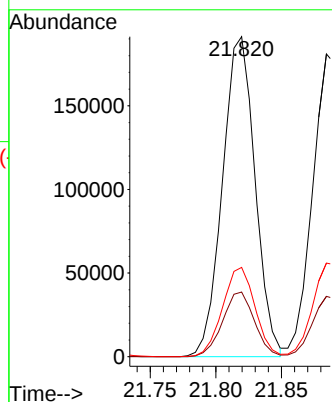
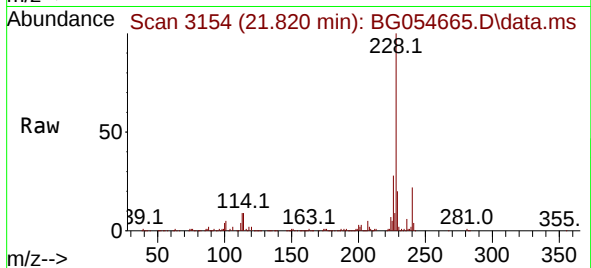
Tgt Ion:228 Resp: 330344

Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.6

226 27.9 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 18.823 ng/ul

RT: 21.720 min Scan# 3137

Delta R.T. -0.005 min

Lab File: BG054665.D

Acq: 19 Aug 2022 15:08

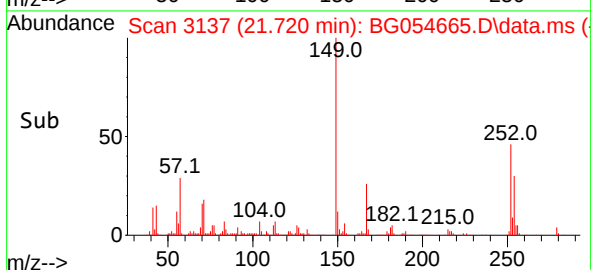
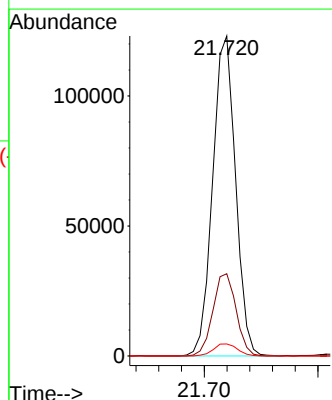
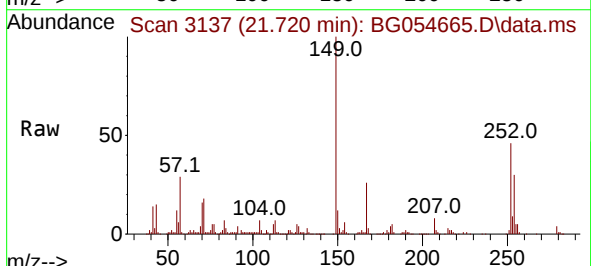
Tgt Ion:149 Resp: 171571

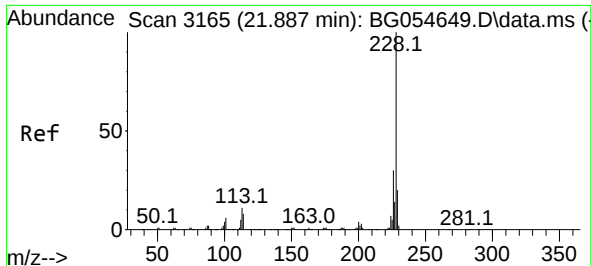
Ion Ratio Lower Upper

149 100

167 25.7 21.5 32.3

279 3.7 3.4 5.0

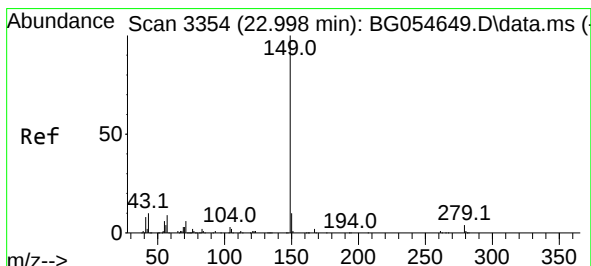
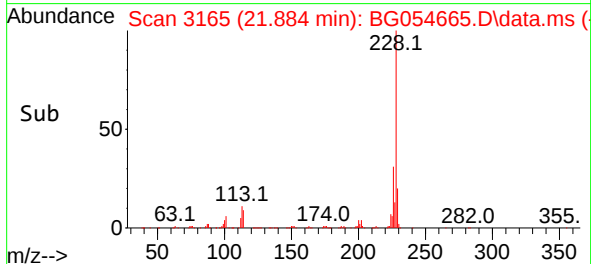
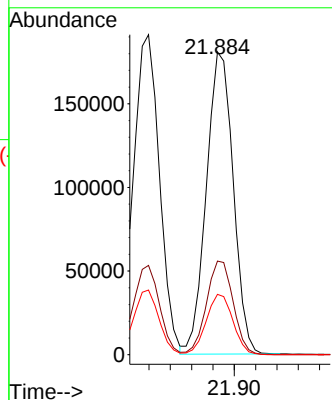
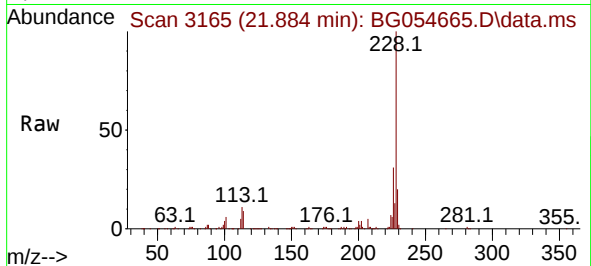




#87
Chrysene
Concen: 19.253 ng/ul
RT: 21.884 min Scan# 3165
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

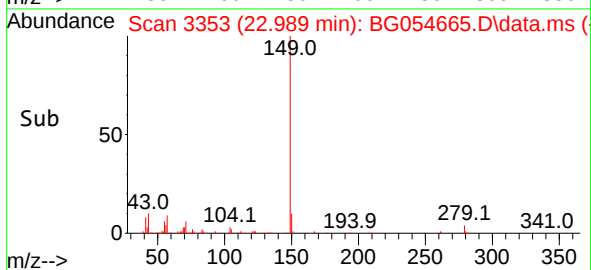
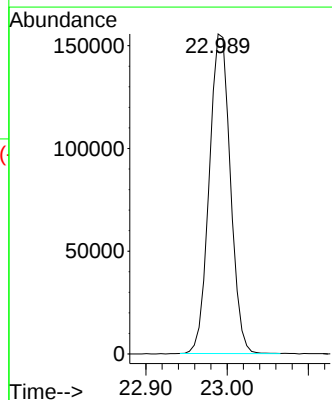
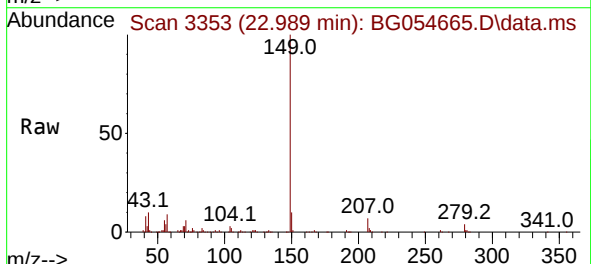
Instrument :
BNA_G
ClientSampleId :

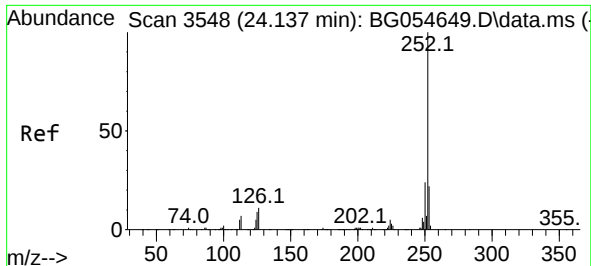
Tgt Ion:228 Resp: 316511
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 19.9 16.0 24.0



#89
Di-n-octyl phthalate
Concen: 18.159 ng/ul
RT: 22.989 min Scan# 3353
Delta R.T. -0.011 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:149 Resp: 280802

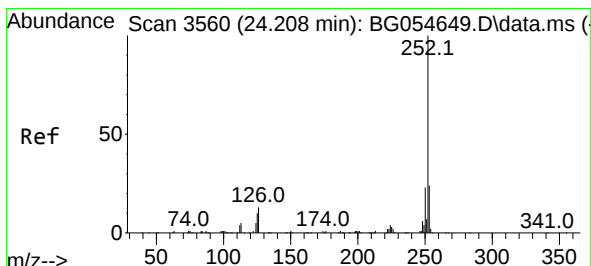
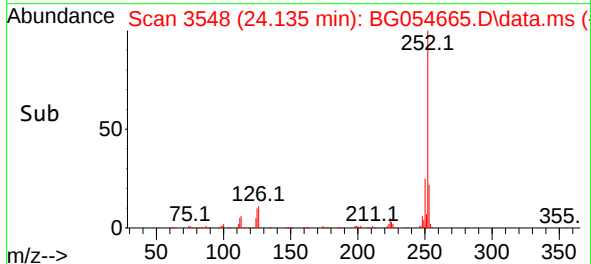
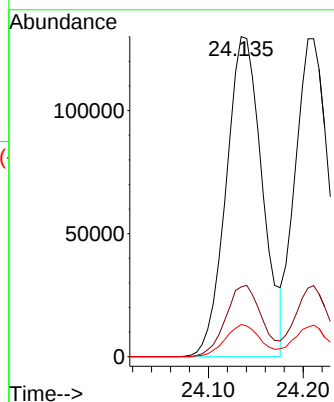
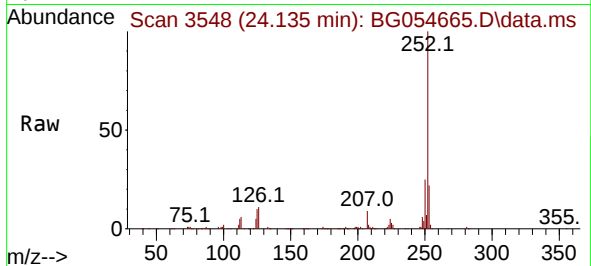




#90
Benzo(b)fluoranthene
Concen: 19.571 ng/ul
RT: 24.135 min Scan# 3548
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

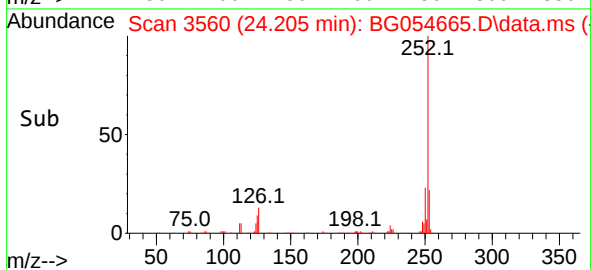
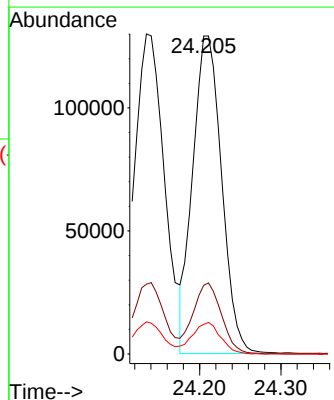
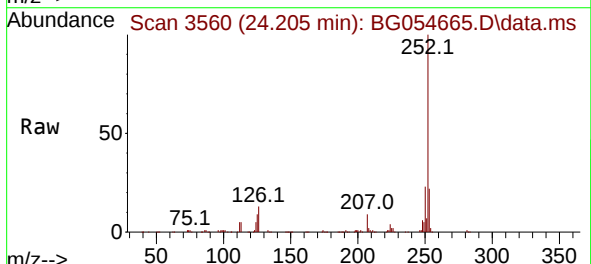
Instrument :
BNA_G
ClientSampleId :

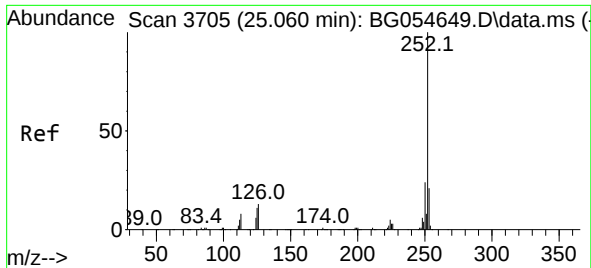
Tgt Ion:252 Resp: 344783
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.1 7.4 11.0



#91
Benzo(k)fluoranthene
Concen: 19.541 ng/ul
RT: 24.205 min Scan# 3560
Delta R.T. -0.005 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

Tgt Ion:252 Resp: 318999
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 9.3 7.6 11.4

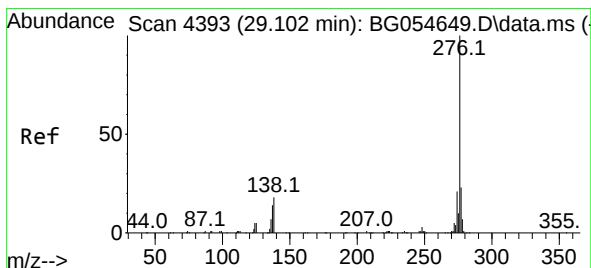
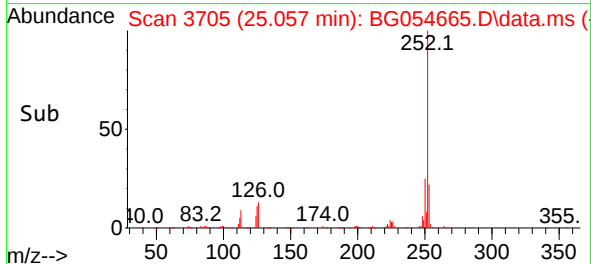
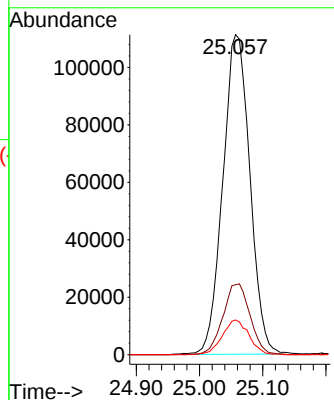
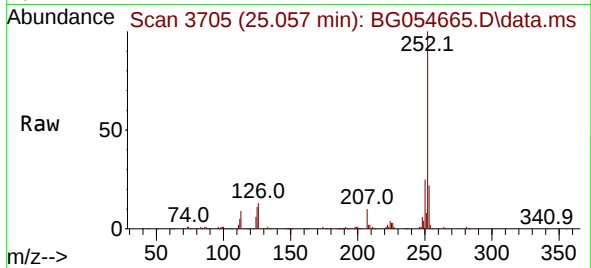




#93
Benzo(a)pyrene
Concen: 19.558 ng/u1
RT: 25.057 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

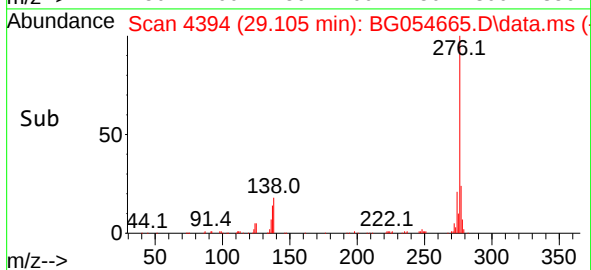
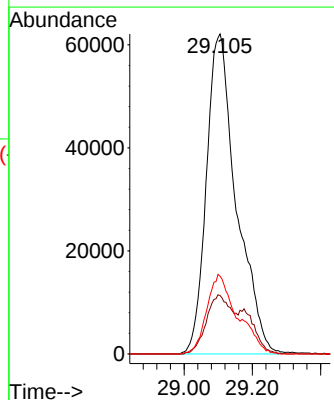
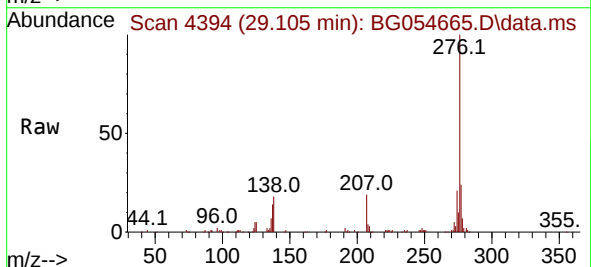
Instrument :
BNA_G
ClientSampleId :

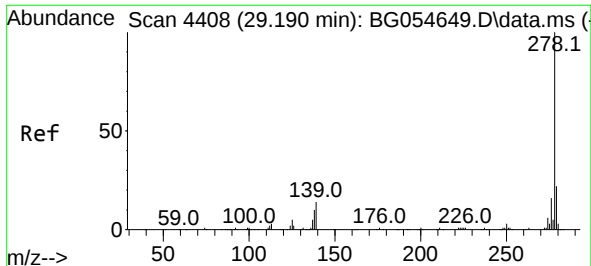
Tgt Ion:252 Resp: 331003
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 10.9 9.0 13.6



#94
Indeno(1,2,3-cd)pyrene
Concen: 19.103 ng/u1
RT: 29.105 min Scan# 4394
Delta R.T. 0.000 min
Lab File: BG054665.D
Acq: 19 Aug 2022 15:08

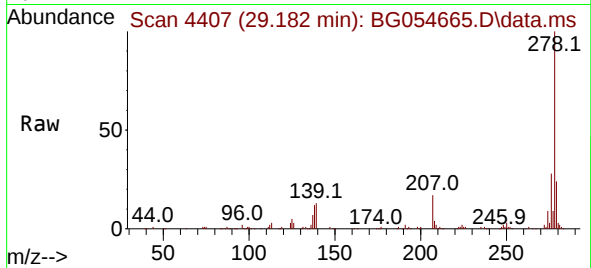
Tgt Ion:276 Resp: 379758
Ion Ratio Lower Upper
276 100
138 18.2 14.5 21.7
277 24.3 18.3 27.5



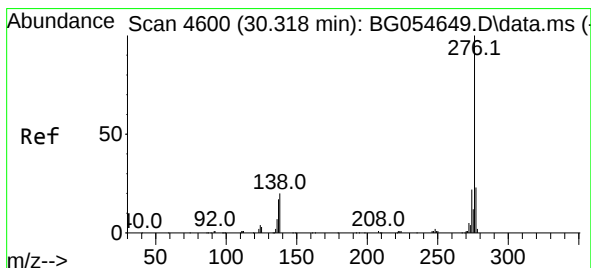
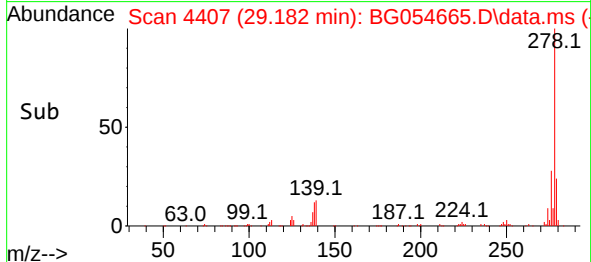
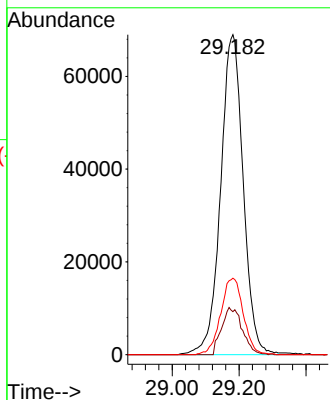


#95
 Dibenzo(a,h)anthracene
 Concen: 19.225 ng/ul
 RT: 29.182 min Scan# 4407
 Delta R.T. -0.005 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:278 Resp: 323095
 Ion Ratio Lower Upper
 278 100
 139 13.4 11.2 16.8
 279 23.9 19.6 29.4



#96
 Benzo(g,h,i)perylene
 Concen: 19.152 ng/ul
 RT: 30.321 min Scan# 4601
 Delta R.T. 0.000 min
 Lab File: BG054665.D
 Acq: 19 Aug 2022 15:08

Tgt Ion:276 Resp: 317604
 Ion Ratio Lower Upper
 276 100
 138 19.7 15.4 23.2
 277 25.1 19.5 29.3

