

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081922\
 Data File : BG054662.D
 Acq On : 19 Aug 2022 12:02
 Operator : CG/JU
 Sample : N3670-04
 Misc : MDL-SOIL-4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 20 02:45:57 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	8.159	152	49643	20.000	ng/u1	0.00
20) Naphthalene-d8	10.985	136	199587	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.793	164	128989	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.536	188	289697	20.000	ng/u1	0.00
79) Chrysene-d12	21.831	240	287021	20.000	ng/u1	-0.01
88) Perylene-d12	25.210	264	286955	20.000	ng/u1	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.512	96	5737	4.571	ng/uL	0.00
4) Pyridine-d5	3.935	84	76207	20.377	ng/u1	0.00
7) Phenol-d5	7.295	99	91495	21.677	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.478	67	58610	21.702	ng/u1	0.00
11) 2-Chlorophenol-d4	7.683	132	67160	22.498	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	71031	22.278	ng/u1	0.00
21) Nitrobenzene-d5	9.334	128	31149	24.863	ng/u1	0.00
24) 2-Nitrophenol-d4	10.057	143	25569	22.796	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.592	165	66738	22.697	ng/u1	0.00
31) 4-Chloroaniline-d4	11.114	131	99339	23.533	ng/u1	0.00
46) Dimethylphthalate-d6	14.193	166	218503	24.654	ng/u1	0.00
49) Acenaphthylene-d8	14.487	160	282318	26.604	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	30148	21.524	ng/u1	0.00
60) Fluorene-d10	15.780	176	195080	24.273	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.879	200	17601	17.841	ng/u1	0.00
73) Anthracene-d10	17.636	188	311067	24.687	ng/u1	0.00
81) Pyrene-d10	19.916	212	361863	24.305	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.975	264	340012	24.129	ng/u1	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.547	88	1800	1.273	ng/uL#	88
5) Pyridine	3.958	79	16336	4.373	ng/u1#	85
6) Benzaldehyde	7.295	77	11646	5.642	ng/u1	96
8) Phenol	7.325	94	17324	4.121	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.572	93	14757	4.315	ng/u1	98
12) 2-Chlorophenol	7.718	128	12770	3.983	ng/u1	98
13) 2-Methylphenol	8.594	108	12222	3.804	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.688	45	22135	3.951	ng/u1	98
16) Acetophenone	8.988	105	20948	4.211	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.964	70	11196	4.142	ng/u1	97
18) 4-Methylphenol	8.917	108	13563	4.045	ng/u1	99
19) Hexachloroethane	9.258	117	5296	4.055	ng/u1	97
22) Nitrobenzene	9.375	77	14766	4.482	ng/u1	90
23) Isophorone	9.892	82	29418	4.122	ng/u1	98
25) 2-Nitrophenol	10.086	139	5244	3.963	ng/u1	94
26) 2,4-Dimethylphenol	10.133	107	14629	4.130	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.380	93	18802	4.278	ng/u1	98
29) 2,4-Dichlorophenol	10.621	162	11947	4.211	ng/u1	95
30) Naphthalene	11.038	128	46126	4.483	ng/u1	99
32) 4-Chloroaniline	11.138	127	18781	4.350	ng/u1	96
33) Hexachlorobutadiene	11.314	225	9065	4.260	ng/u1	98
34) Caprolactam	11.902	113	4288	4.429	ng/u1	83
35) 4-Chloro-3-methylphenol	12.237	107	12159	3.930	ng/u1	97
36) 2-Methylnaphthalene	12.630	142	30553	4.352	ng/u1	100

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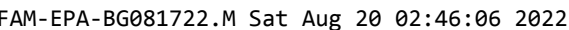
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 BNA_G
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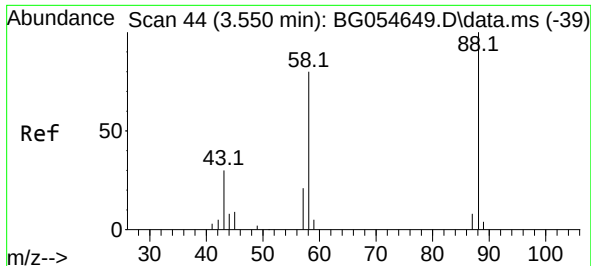
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 18 03:22:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.848	142	31978	4.585	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.989	216	17202	4.382	ng/ul	99
40) Hexachlorocyclopentadiene	12.971	237	12572	5.046	ng/ul	98
41) 2,4,6-Trichlorophenol	13.230	196	8199	3.558	ng/ul	97
42) 2,4,5-Trichlorophenol	13.294	196	9464	3.772	ng/ul	96
43) 1,1'-Biphenyl	13.629	154	41948	4.504	ng/ul	99
44) 2-Chloronaphthalene	13.676	162	32299	4.577	ng/ul	96
45) 2-Nitroaniline	13.864	65	6410	3.872	ng/ul	95
47) Dimethylphthalate	14.234	163	40513	4.527	ng/ul	98
48) 2,6-Dinitrotoluene	14.358	165	5434	3.880	ng/ul	92
50) Acenaphthylene	14.516	152	52936	4.507	ng/ul	97
51) 3-Nitroaniline	14.687	138	6327	4.246	ng/ul#	99
52) Acenaphthene	14.857	153	34792	4.457	ng/ul	99
53) 2,4-Dinitrophenol	14.887	184	2487	3.557	ng/ul	95
55) 4-Nitrophenol	14.969	109	4897	4.249	ng/ul	96
56) Dibenzofuran	15.186	168	48920	4.550	ng/ul	99
57) 2,4-Dinitrotoluene	15.139	165	8045	4.236	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.404	232	7249	3.589	ng/ul#	96
59) Diethylphthalate	15.597	149	38904	4.381	ng/ul	98
61) Fluorene	15.832	166	40604	4.632	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.827	204	20383	4.539	ng/ul	99
63) 4-Nitroaniline	15.844	138	6410	4.612	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.897	198	4217	4.007	ng/ul#	99
67) N-Nitrosodiphenylamine	16.038	169	33814	4.322	ng/ul	97
68) 4-Bromophenyl-phenylether	16.720	248	13289	4.449	ng/ul	94
69) Hexachlorobenzene	16.837	284	15239	4.471	ng/ul	97
70) Atrazine	16.978	200	13598	4.572	ng/ul	97
71) Pentachlorophenol	17.178	266	7521	3.994	ng/ul	94
72) Phenanthrene	17.583	178	65626	4.554	ng/ul	99
74) Anthracene	17.672	178	66869	4.607	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.594	216	18618	4.471	ng/ul	96
76) Pentachlorobenzene	15.104	250	19337	4.875	ng/ul	95
77) Carbazole	17.936	167	57682	4.489	ng/ul	98
78) Di-n-butylphthalate	18.488	149	63506	4.225	ng/ul	99
80) Fluoranthene	19.581	202	81611	4.382	ng/ul	98
82) Pyrene	19.945	202	83518	4.512	ng/ul	99
83) Butylbenzylphthalate	20.827	149	21409	3.378	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.720	252	23695	3.811	ng/ul#	95
85) Benzo(a)anthracene	21.814	228	78685	4.411	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.714	149	33554	3.526	ng/ul	99
87) Chrysene	21.878	228	76273	4.444	ng/ul	99
89) Di-n-octyl phthalate	22.989	149	52529	3.302	ng/ul	100
90) Benzo(b)fluoranthene	24.129	252	76620	4.227	ng/ul	99
91) Benzo(k)fluoranthene	24.193	252	73447	4.373	ng/ul	98
93) Benzo(a)pyrene	25.045	252	73761	4.236	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.076	276	72201	3.530	ng/ul	97
95) Dibenzo(a,h)anthracene	29.158	278	73218	4.234	ng/ul	97
96) Benzo(g,h,i)perylene	30.286	276	72664	4.259	ng/ul	97

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

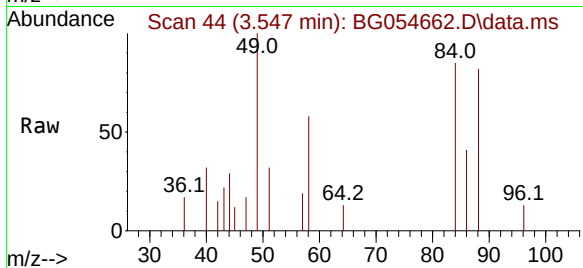
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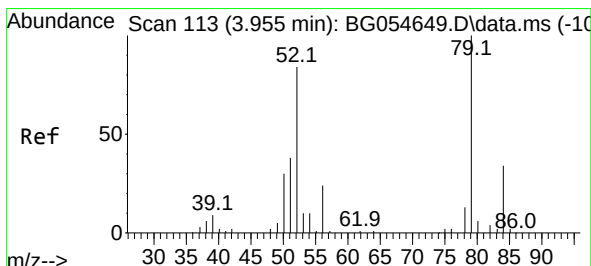
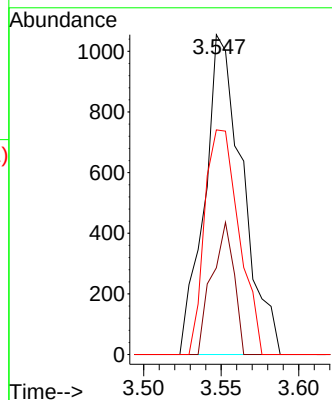
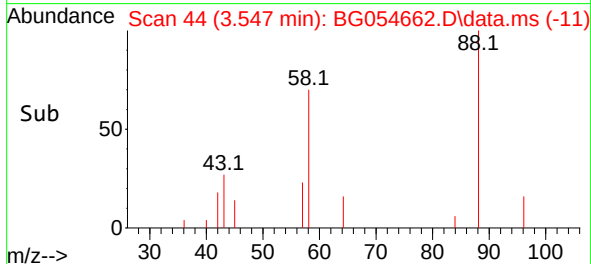


#2
 1,4-Dioxane
 Concen: 1.273 ng/uL
 RT: 3.547 min Scan# 44
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

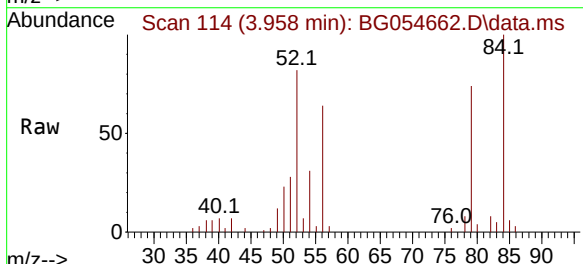
Instrument :
 BNA_G
 ClientSampleId :



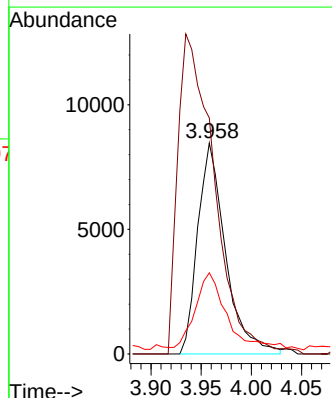
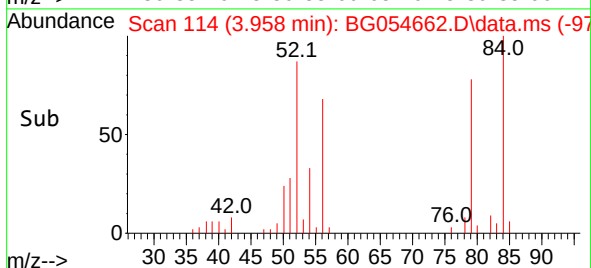
Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.1	28.3	42.5#
58	70.2	63.4	95.2

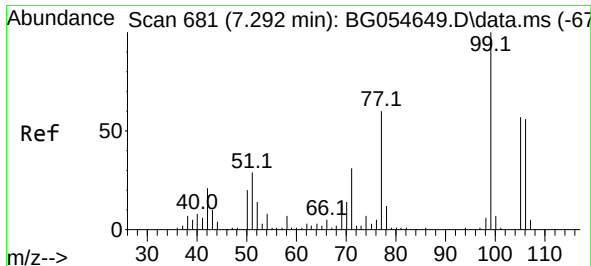


#5
 Pyridine
 Concen: 4.373 ng/uL
 RT: 3.958 min Scan# 114
 Delta R.T. 0.000 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02



Tgt Ion	Ratio	Lower	Upper
79	100		
52	111.8	74.2	111.2#
51	38.5	31.9	47.9

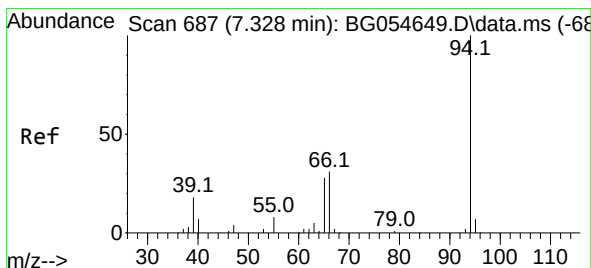
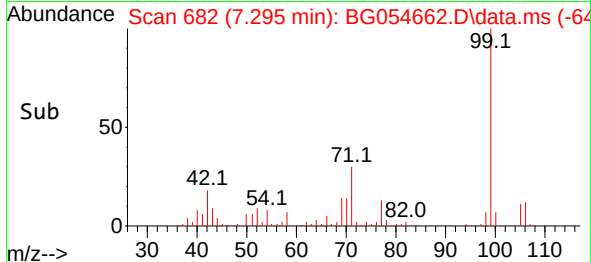
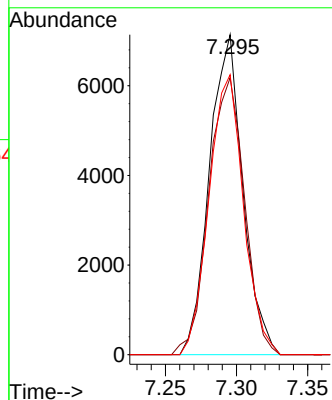
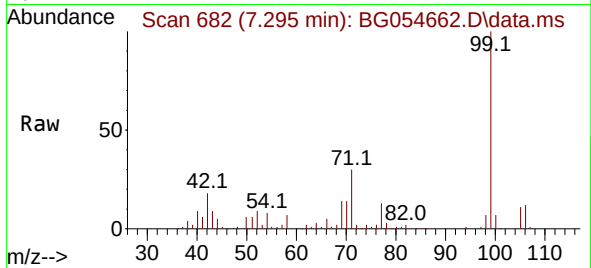




#6
Benzaldehyde
Concen: 5.642 ng/ul
RT: 7.295 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

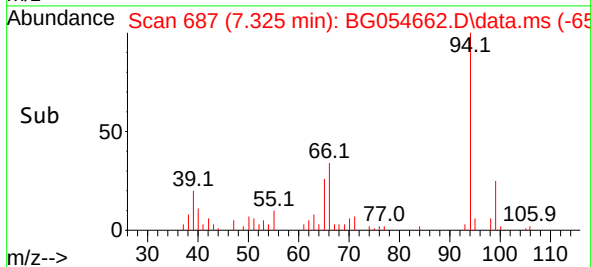
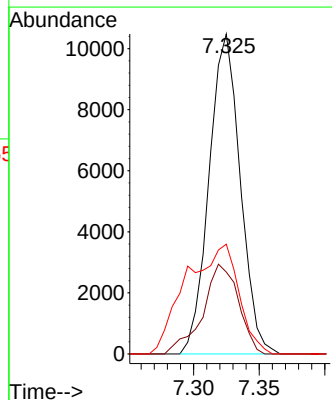
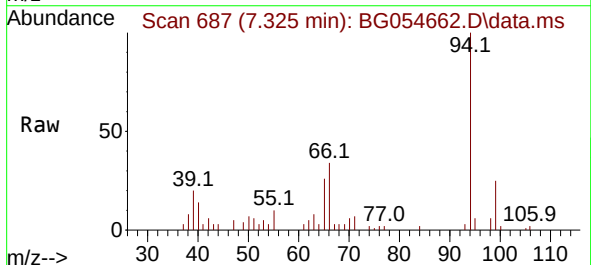
Instrument :
BNA_G
ClientSampleId :

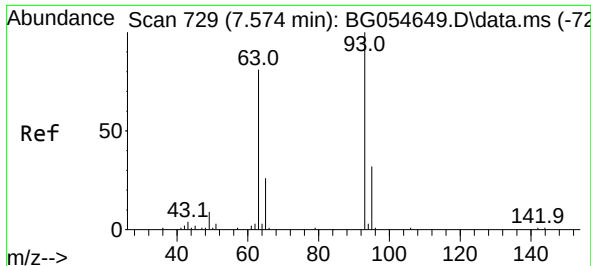
Tgt Ion: 77 Resp: 11646
Ion Ratio Lower Upper
77 100
105 86.6 73.6 110.4
106 87.5 71.5 107.3



#8
Phenol
Concen: 4.121 ng/ul
RT: 7.325 min Scan# 687
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

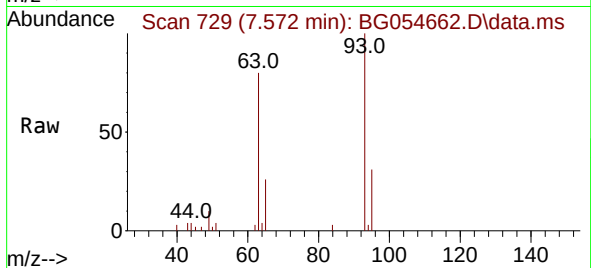
Tgt Ion: 94 Resp: 17324
Ion Ratio Lower Upper
94 100
65 25.6 24.0 36.0
66 34.3 29.0 43.6



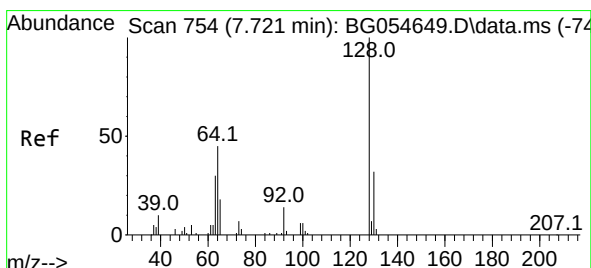
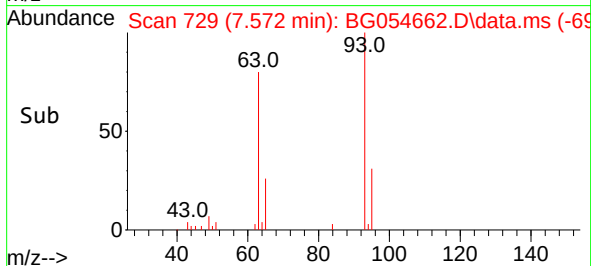
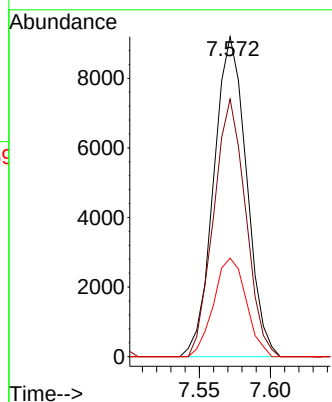


#10
 Bis(2-Chloroethyl)ether
 Concen: 4.315 ng/ul
 RT: 7.572 min Scan# 710
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

Instrument :
 BNA_G
 ClientSampleId :

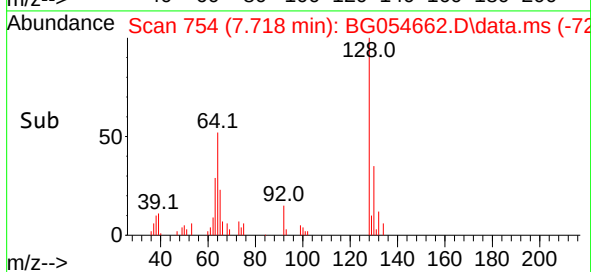
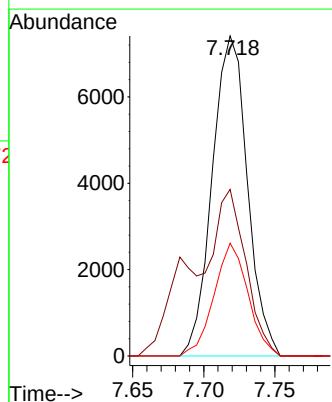
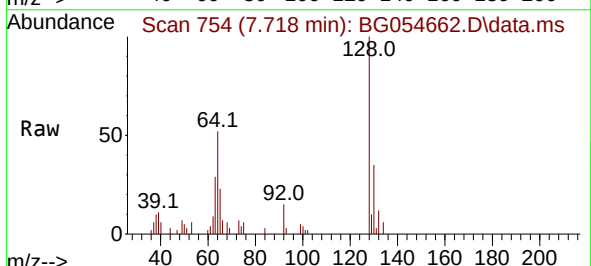


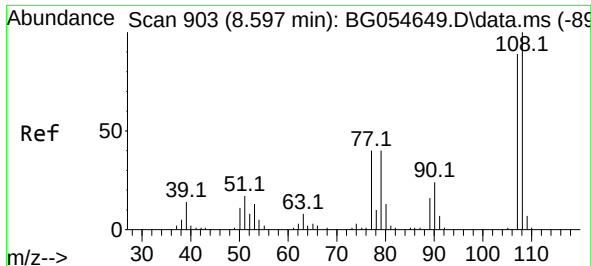
Tgt Ion:	93	Resp:	14757
Ion	Ratio	Lower	Upper
93	100		
63	80.5	63.2	94.8
95	30.8	25.5	38.3



#12
 2-Chlorophenol
 Concen: 3.983 ng/ul
 RT: 7.718 min Scan# 754
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

Tgt Ion:	128	Resp:	12770
Ion	Ratio	Lower	Upper
128	100		
64	52.0	41.4	62.0
130	35.2	26.0	39.0

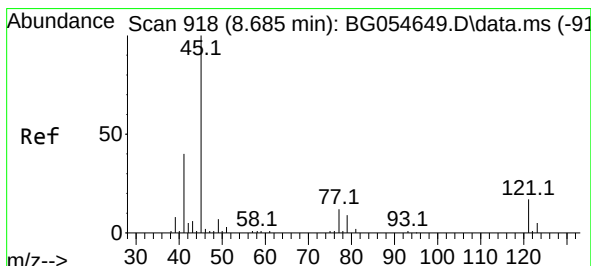
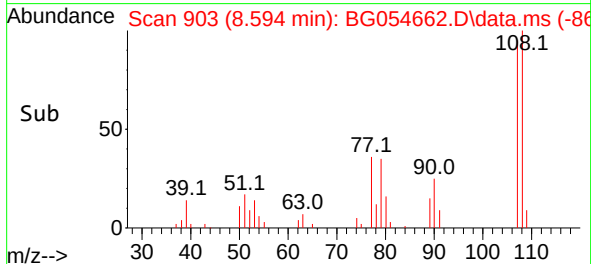
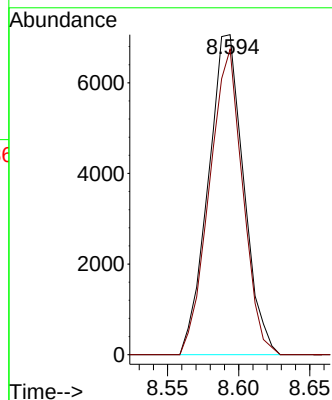
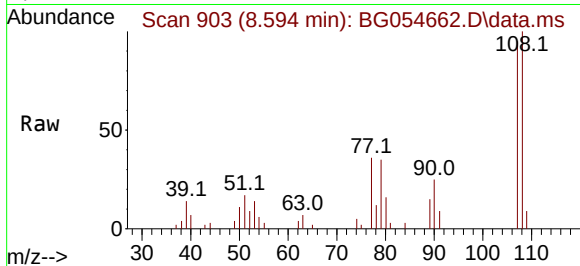




#13
2-Methylphenol
Concen: 3.804 ng/ul
RT: 8.594 min Scan# 903
Delta R.T. 0.000 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

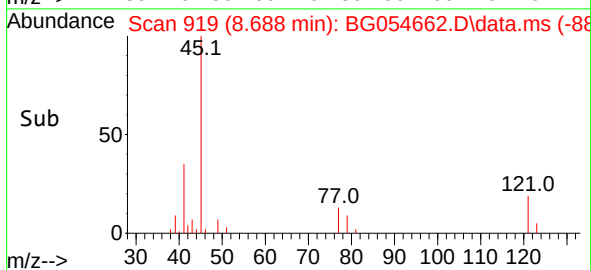
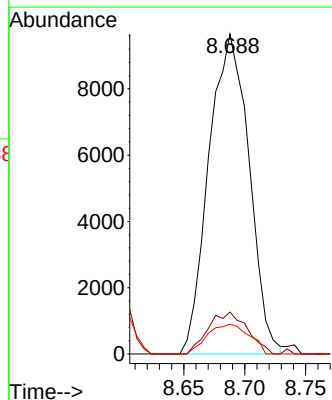
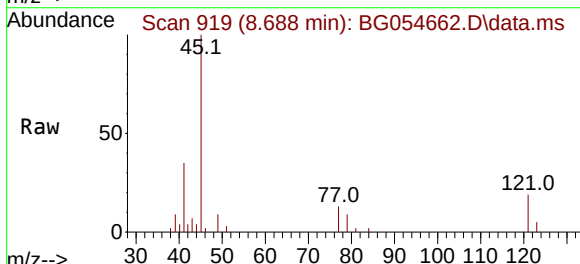
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ClientSampleId :

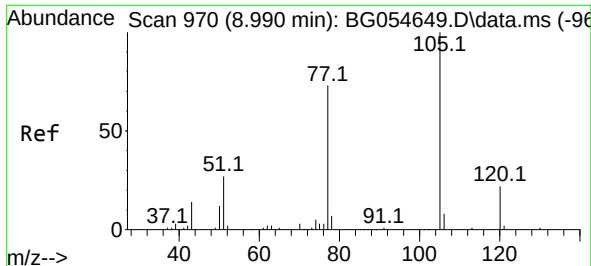
Tgt Ion:108 Resp: 12222
Ion Ratio Lower Upper
108 100
107 95.5 71.4 107.2



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.951 ng/ul
RT: 8.688 min Scan# 919
Delta R.T. 0.000 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

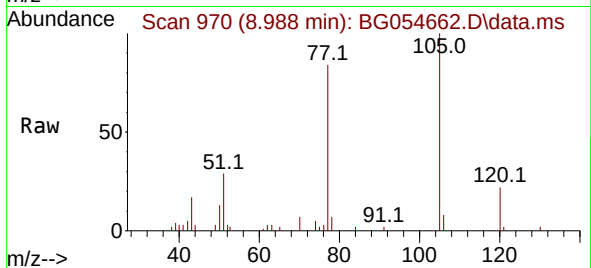
Tgt Ion: 45 Resp: 22135
Ion Ratio Lower Upper
45 100
77 13.1 9.9 14.9
79 9.3 6.6 9.8



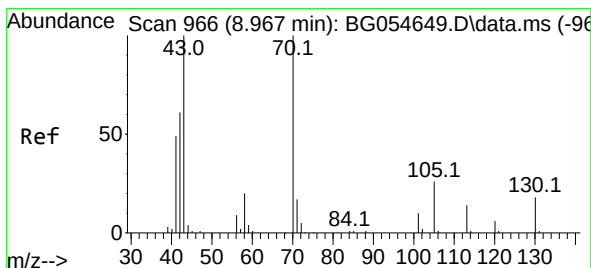
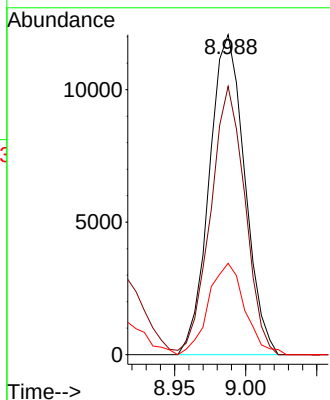
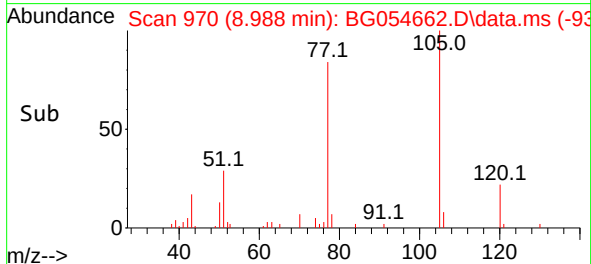


#16
Acetophenone
Concen: 4.211 ng/ul
RT: 8.988 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

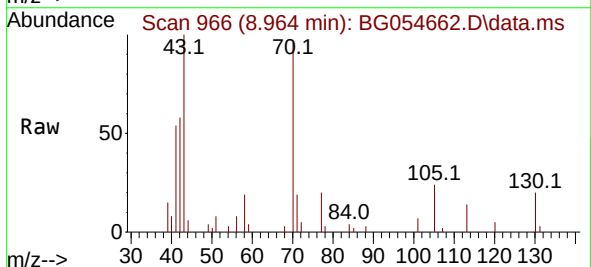
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ClientSampleId :



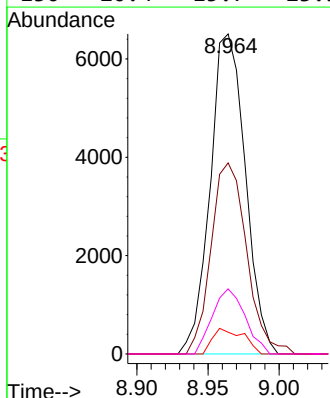
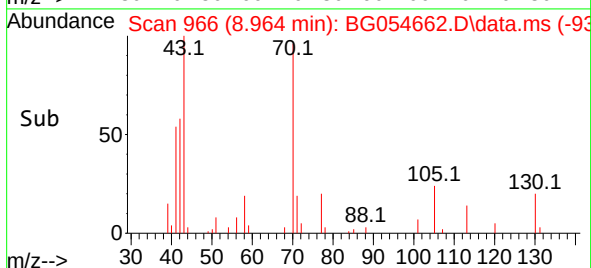
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Ion	Ratio	Lower	Upper
105	100		
77	83.8	63.0	94.6
51	28.5	23.8	35.6

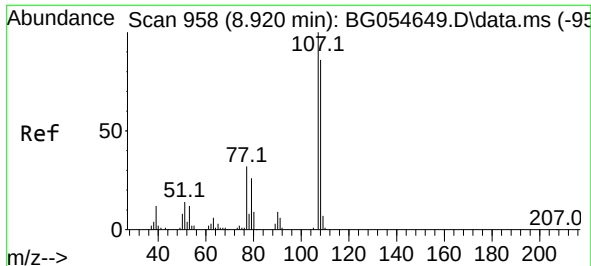


#17
N-Nitroso-di-n-propylamine
Concen: 4.142 ng/ul
RT: 8.964 min Scan# 966
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02



Tgt Ion:	70	Resp:	11196
Ion	Ratio	Lower	Upper
70	100		
42	59.7	49.6	74.4
101	6.8	6.6	10.0
130	20.4	15.7	23.5

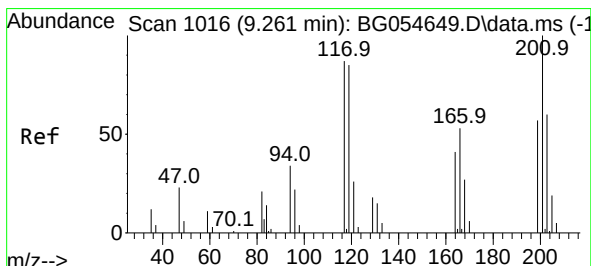
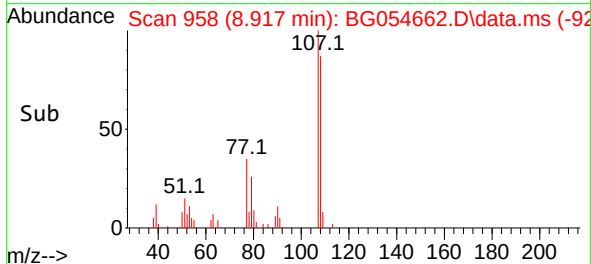
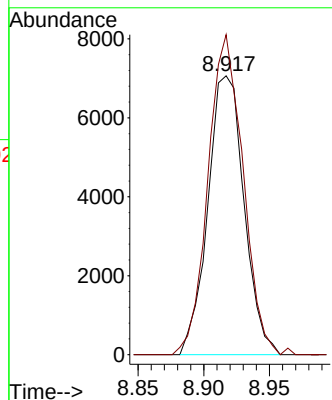
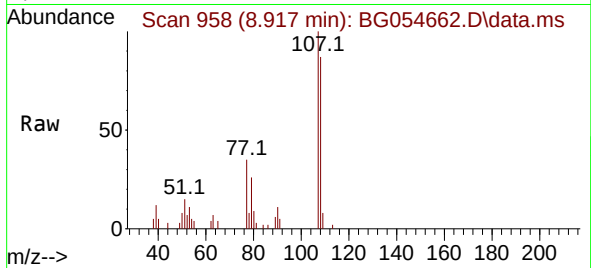




#18
4-Methylphenol
Concen: 4.045 ng/ul
RT: 8.917 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

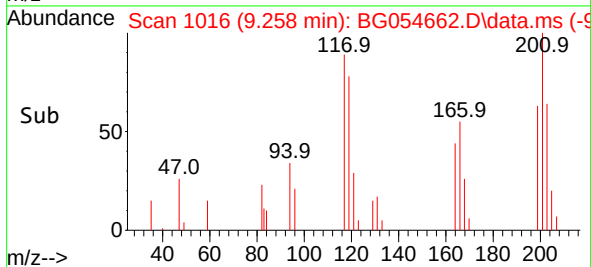
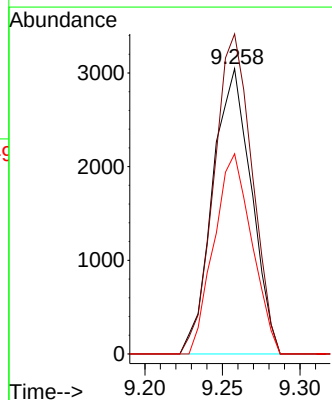
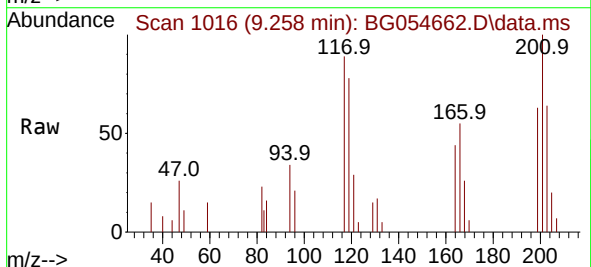
Instrument :
BNA_G
ClientSampleId :

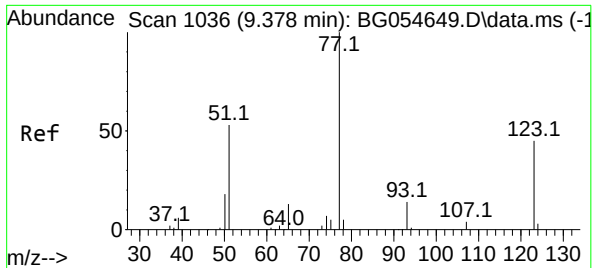
Tgt Ion:108 Resp: 13563
Ion Ratio Lower Upper
108 100
107 114.8 92.5 138.7



#19
Hexachloroethane
Concen: 4.055 ng/ul
RT: 9.258 min Scan# 1016
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Tgt Ion:117 Resp: 5296
Ion Ratio Lower Upper
117 100
201 112.1 92.7 139.1
199 70.1 57.5 86.3

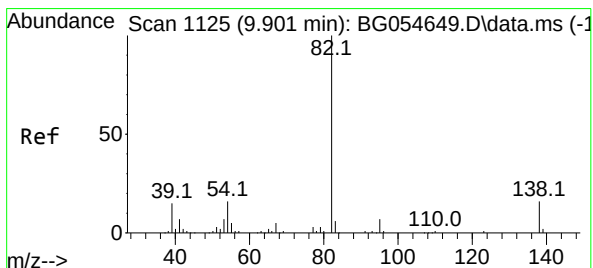
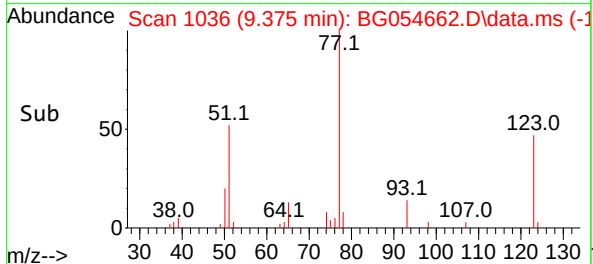
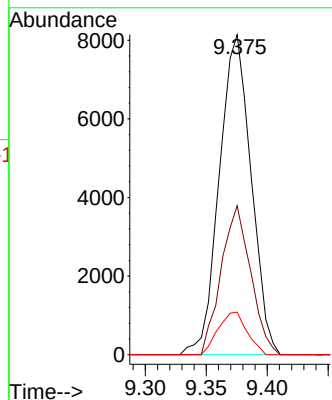
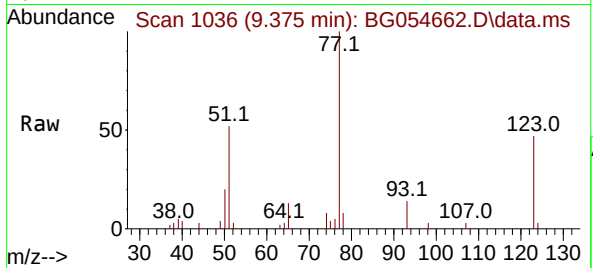




#22
Nitrobenzene
Concen: 4.482 ng/ul
RT: 9.375 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

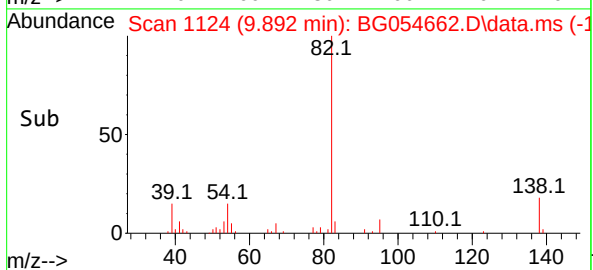
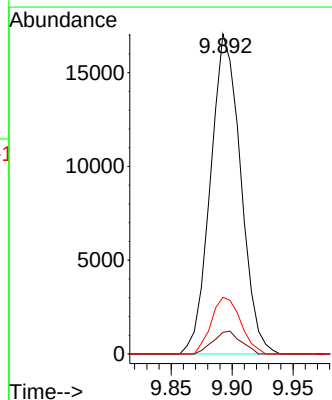
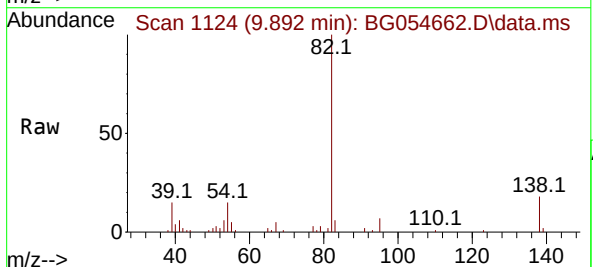
Instrument :
BNA_G
ClientSampleId :

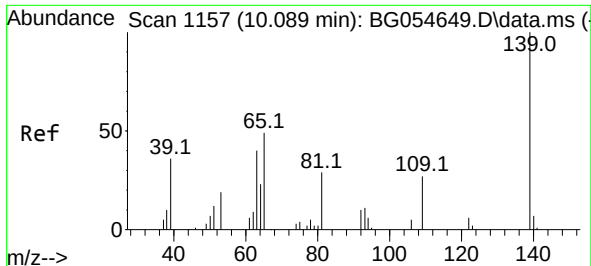
Tgt Ion: 77 Resp: 14766
Ion Ratio Lower Upper
77 100
123 46.6 31.6 47.4
65 13.3 9.0 13.6



#23
Isophorone
Concen: 4.122 ng/ul
RT: 9.892 min Scan# 1124
Delta R.T. -0.011 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Tgt Ion: 82 Resp: 29418
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.7 13.2 19.8

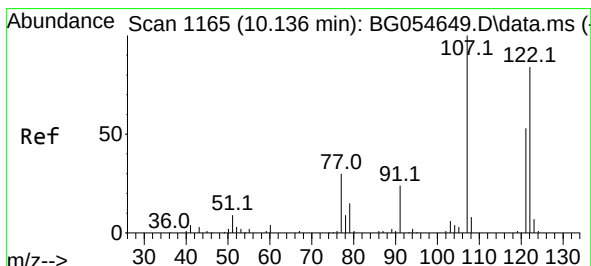
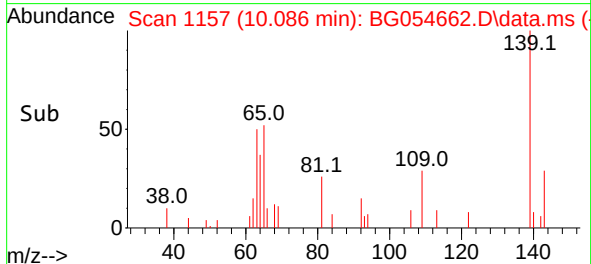
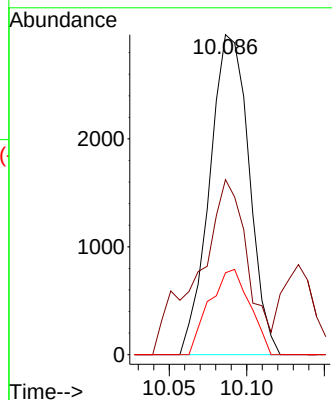
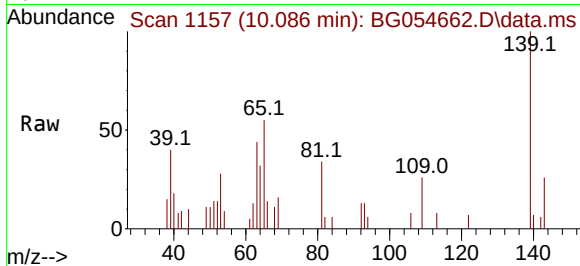




#25
2-Nitrophenol
Concen: 3.963 ng/ul
RT: 10.086 min Scan# 1157
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

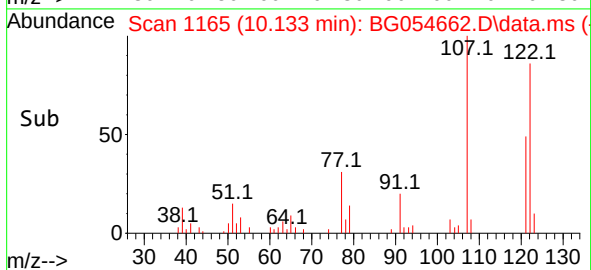
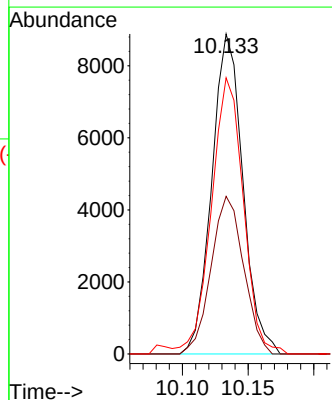
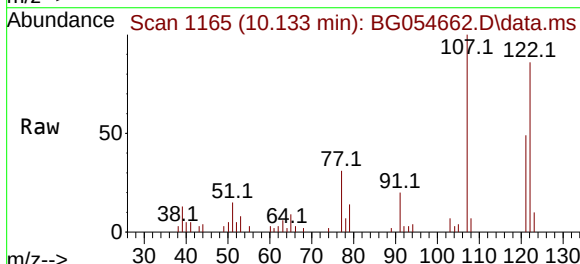
Instrument :
BNA_G
ClientSampleId :

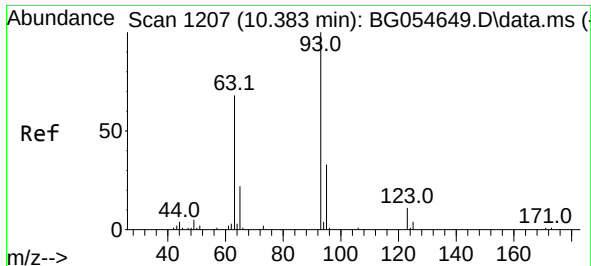
Tgt Ion	Ratio	Lower	Upper
139	100		
65	54.7	40.8	61.2
109	25.6	24.2	36.2



#26
2,4-Dimethylphenol
Concen: 4.130 ng/ul
RT: 10.133 min Scan# 1165
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Tgt Ion	Ratio	Lower	Upper
107	100		
121	49.2	42.1	63.1
122	86.3	70.6	105.8

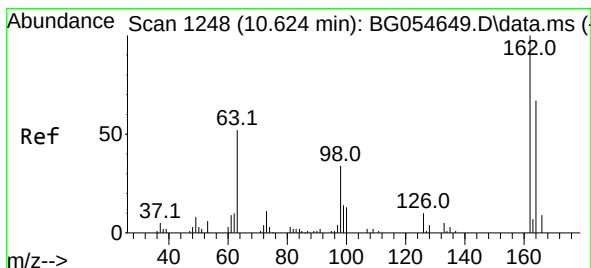
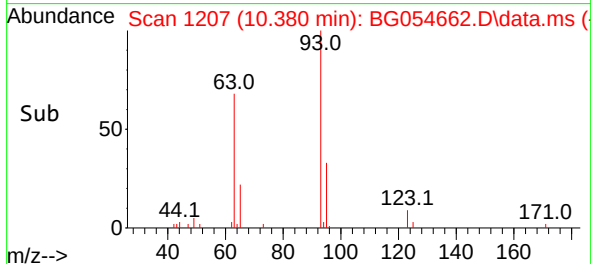
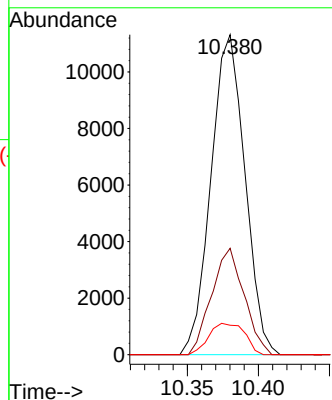
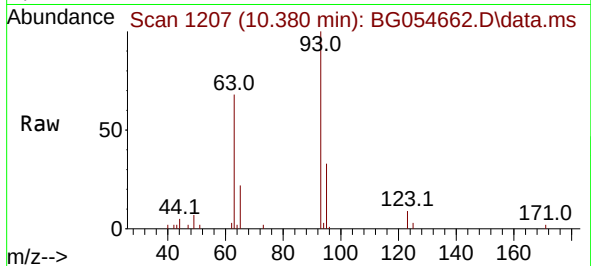




#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.278 ng/ul
 RT: 10.380 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

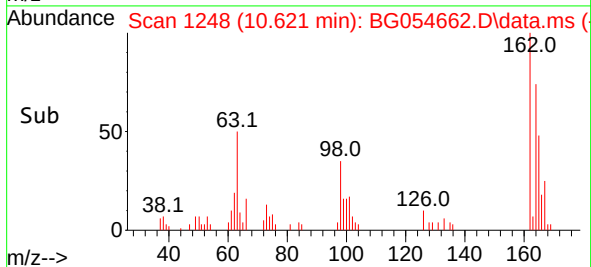
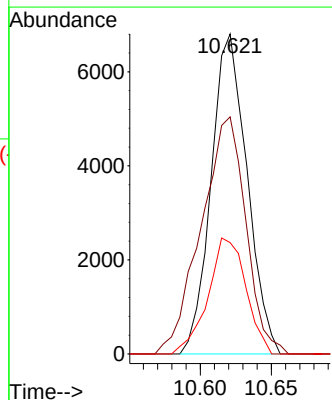
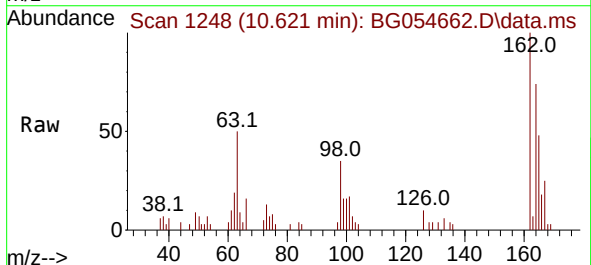
Instrument :
 BNA_G
 ClientSampleId :

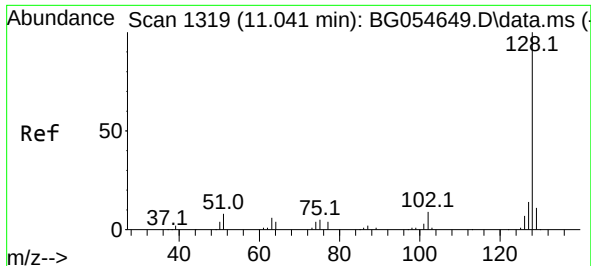
Tgt Ion: 93 Resp: 18802
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.0 39.0
 123 9.2 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 4.211 ng/ul
 RT: 10.621 min Scan# 1248
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

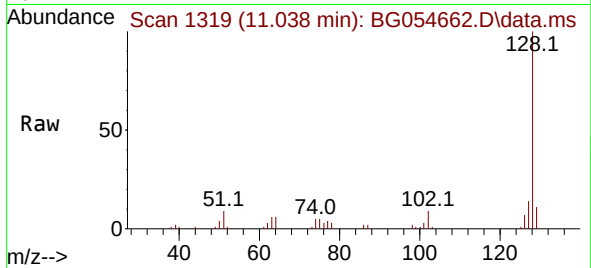
Tgt Ion:162 Resp: 11947
 Ion Ratio Lower Upper
 162 100
 164 74.1 55.7 83.5
 98 34.8 29.1 43.7



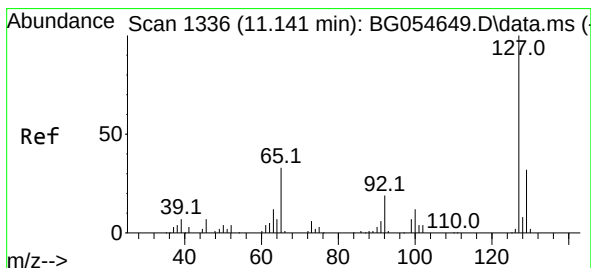
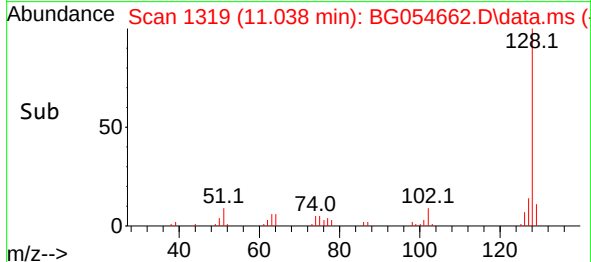
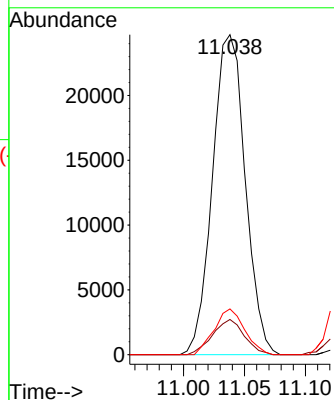


#30
Naphthalene
Concen: 4.483 ng/ul
RT: 11.038 min Scan# 11038
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Instrument :
BNA_G
ClientSampleId :

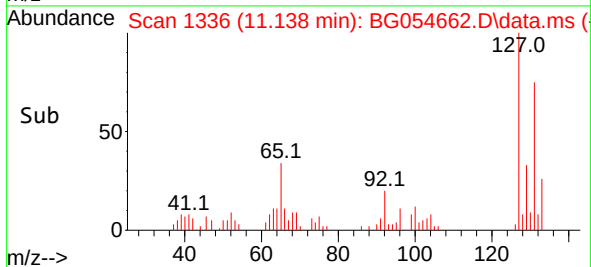
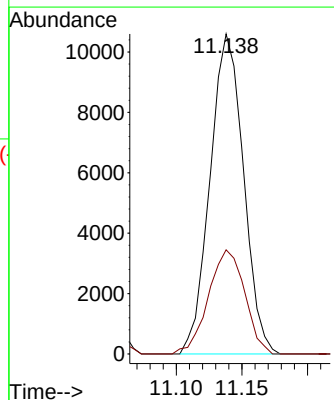
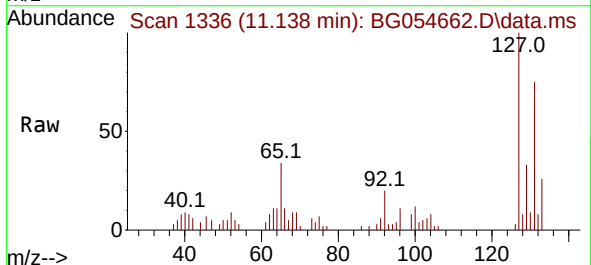


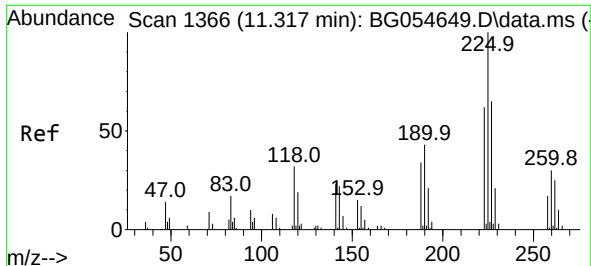
Tgt Ion:128 Resp: 46126
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 14.3 10.7 16.1



#32
4-Chloroaniline
Concen: 4.350 ng/ul
RT: 11.138 min Scan# 1336
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Tgt Ion:127 Resp: 18781
Ion Ratio Lower Upper
127 100
129 32.6 24.4 36.6

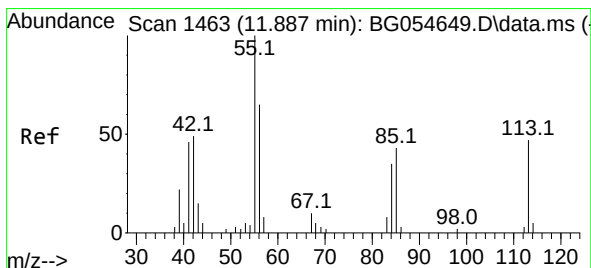
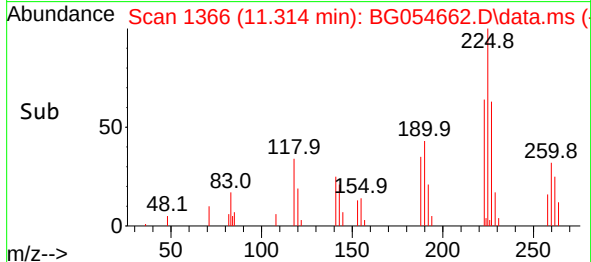
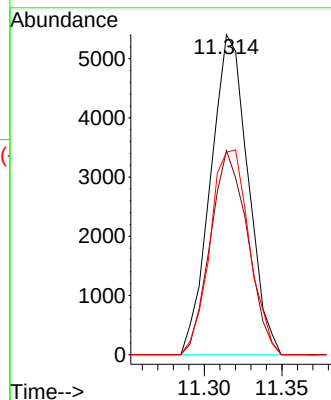
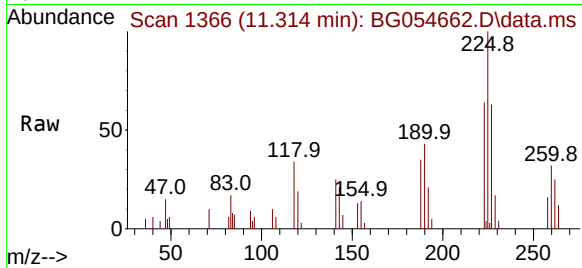




#33
Hexachlorobutadiene
Concen: 4.260 ng/ul
RT: 11.314 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

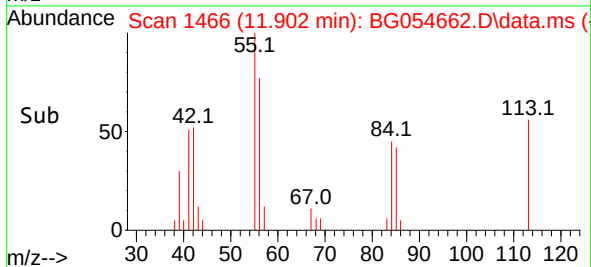
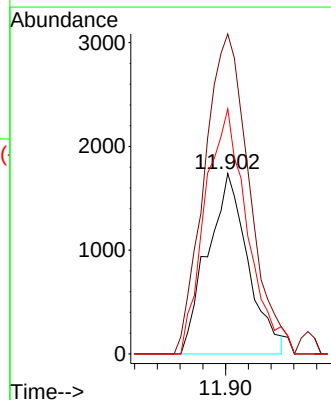
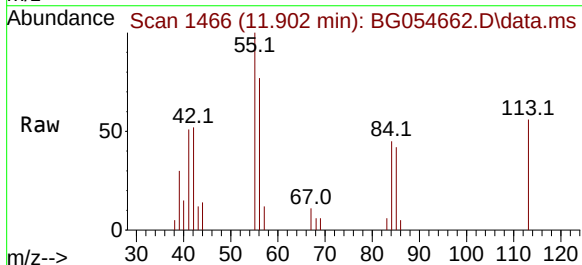
Instrument :
BNA_G
ClientSampleId :

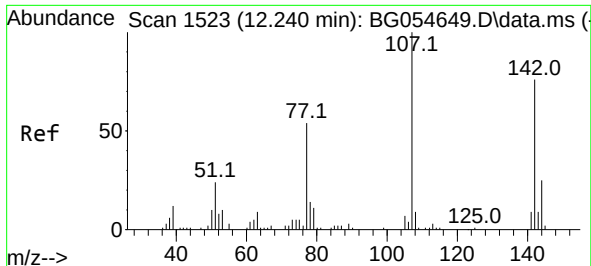
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.5	77.3
227	63.3	53.1	79.7



#34
Caprolactam
Concen: 4.429 ng/ul
RT: 11.902 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

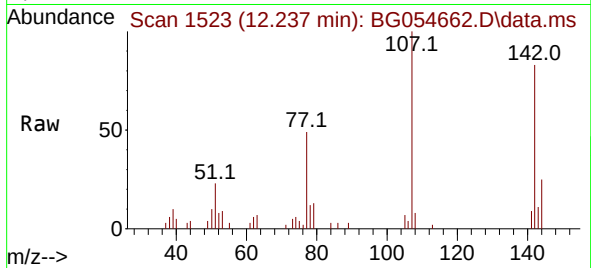
Tgt Ion	Ratio	Lower	Upper
113	100		
55	177.3	171.4	257.0
56	135.8	116.2	174.4



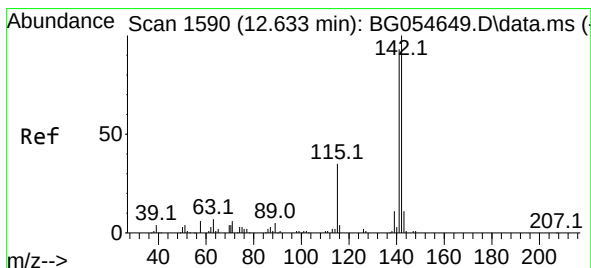
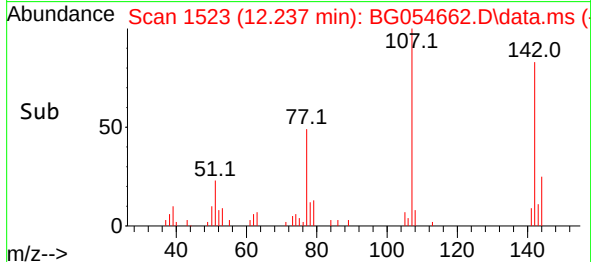
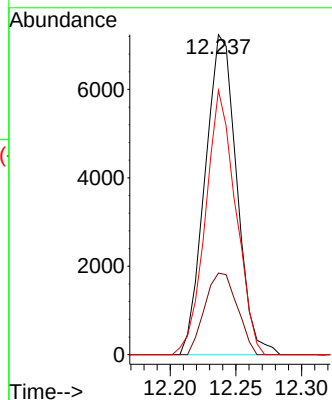


#35
 4-Chloro-3-methylphenol
 Concen: 3.930 ng/ul
 RT: 12.237 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

Instrument :
 BNA_G
 ClientSampleId :

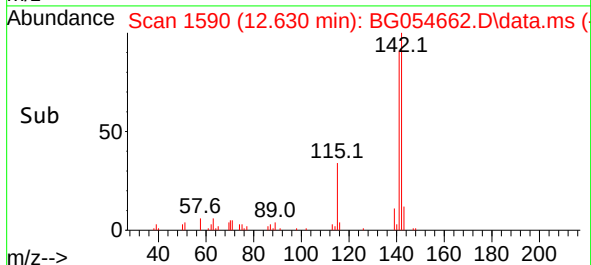
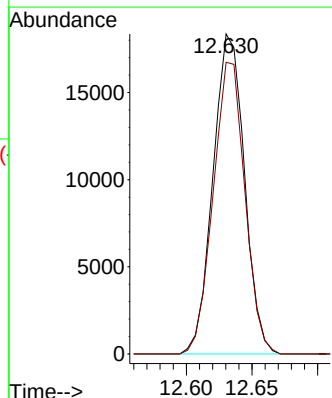
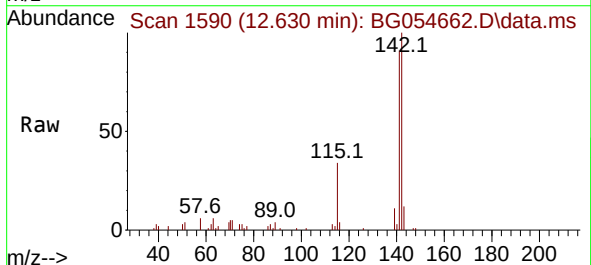


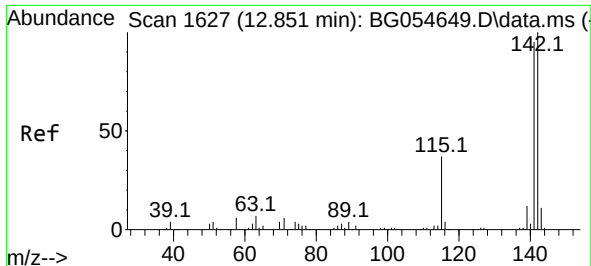
Tgt Ion:107	Resp:	12159
Ion	Ratio	Lower Upper
107	100	
144	25.5	21.2 31.8
142	82.7	63.4 95.0



#36
 2-Methylnaphthalene
 Concen: 4.352 ng/ul
 RT: 12.630 min Scan# 1590
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

Tgt Ion:142	Resp:	30553
Ion	Ratio	Lower Upper
142	100	
141	91.2	73.0 109.6





#37

1-Methylnaphthalene

Concen: 4.585 ng/ul

RT: 12.848 min Scan# 1

Delta R.T. -0.005 min

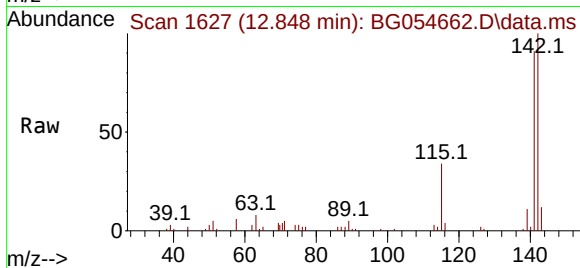
Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

Instrument :

BNA_G

ClientSampleId :



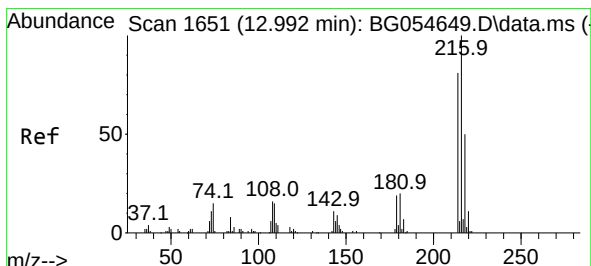
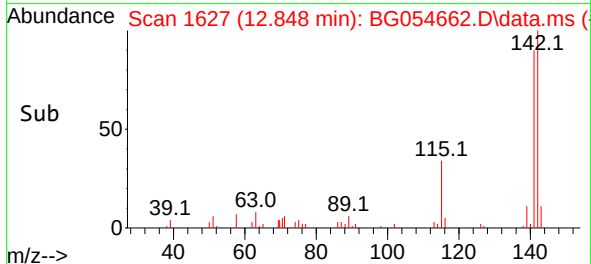
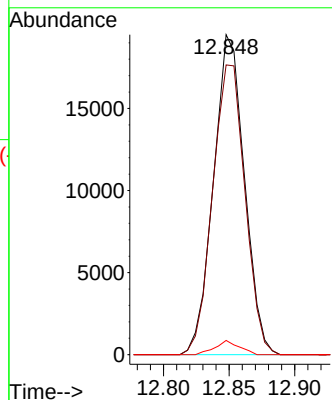
Tgt Ion:142 Resp: 31978

Ion Ratio Lower Upper

142 100

141 90.6 75.0 112.4

116 4.4 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.382 ng/ul

RT: 12.989 min Scan# 1651

Delta R.T. -0.005 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

Tgt Ion:216 Resp: 17202

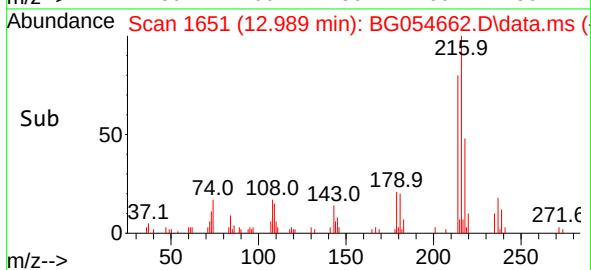
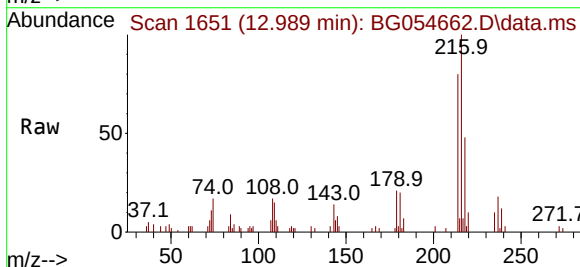
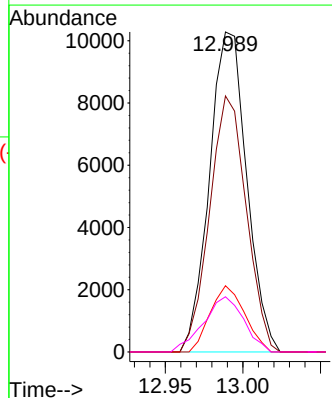
Ion Ratio Lower Upper

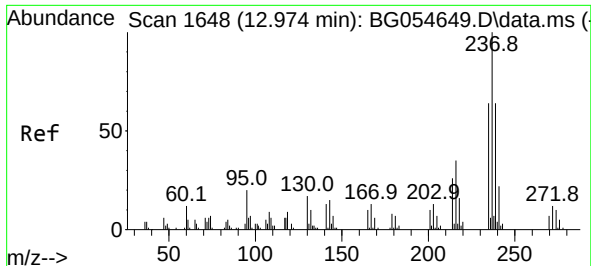
216 100

214 80.0 63.7 95.5

179 20.7 15.8 23.6

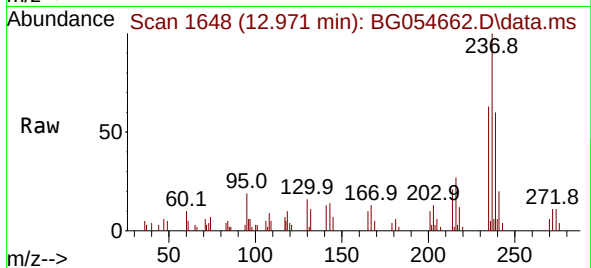
108 17.3 12.1 18.1



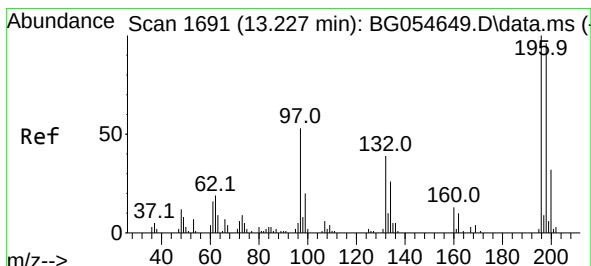
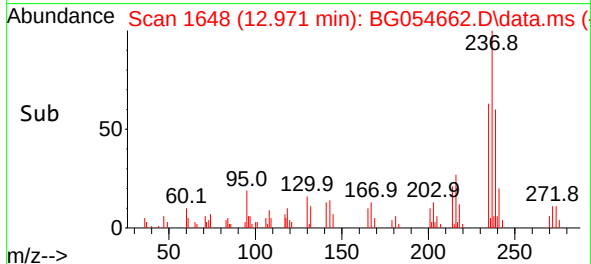
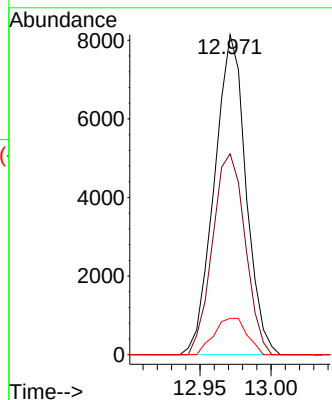


#40
Hexachlorocyclopentadiene
Concen: 5.046 ng/ul
RT: 12.971 min Scan# 1648
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Instrument :
BNA_G
ClientSampleId :

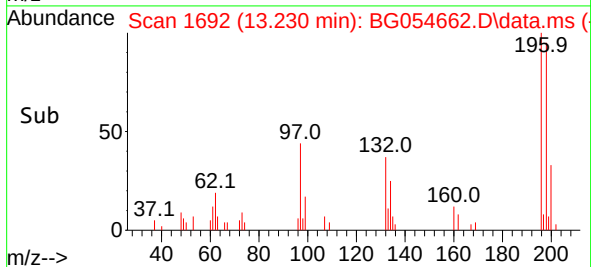
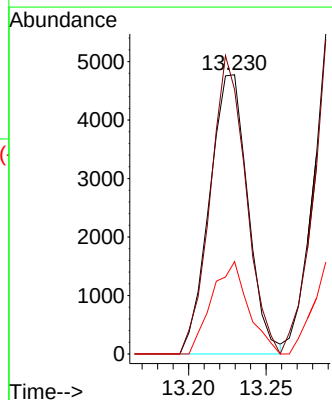
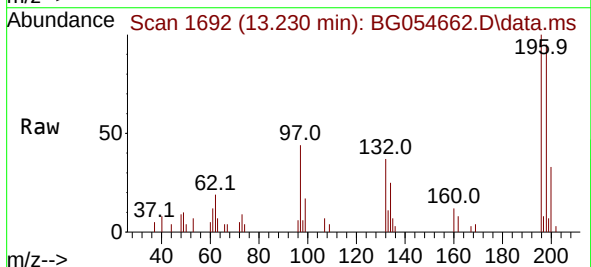


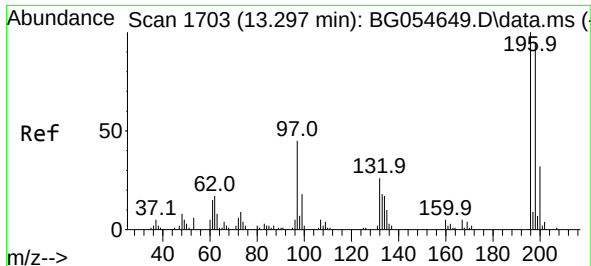
Tgt Ion:237 Resp: 12572
Ion Ratio Lower Upper
237 100
235 62.7 50.9 76.3
272 11.3 11.3 16.9



#41
2,4,6-Trichlorophenol
Concen: 3.558 ng/ul
RT: 13.230 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Tgt Ion:196 Resp: 8199
Ion Ratio Lower Upper
196 100
198 94.7 77.5 116.3
200 33.1 23.4 35.2





#42

2,4,5-Trichlorophenol

Concen: 3.772 ng/ul

RT: 13.294 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

Instrument :

BNA_G

ClientSampleId :

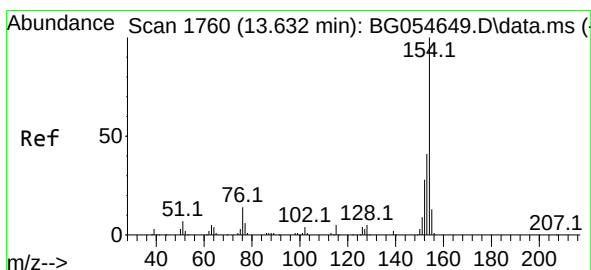
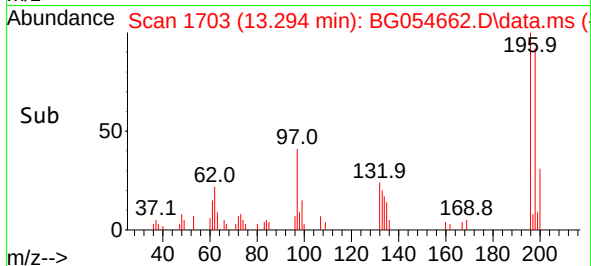
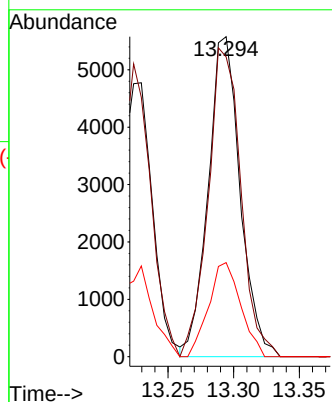
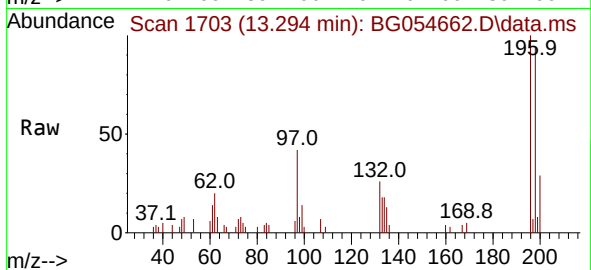
Tgt Ion:196 Resp: 9464

Ion Ratio Lower Upper

196 100

198 93.7 78.2 117.2

200 29.4 25.4 38.0



#43

1,1'-Biphenyl

Concen: 4.504 ng/ul

RT: 13.629 min Scan# 1760

Delta R.T. -0.005 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

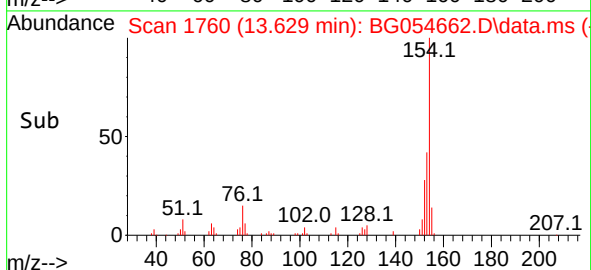
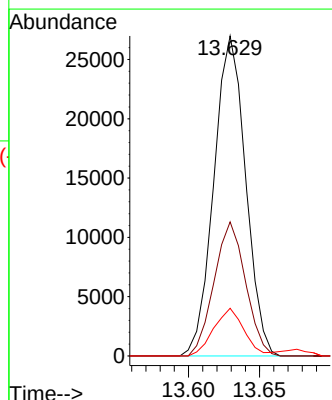
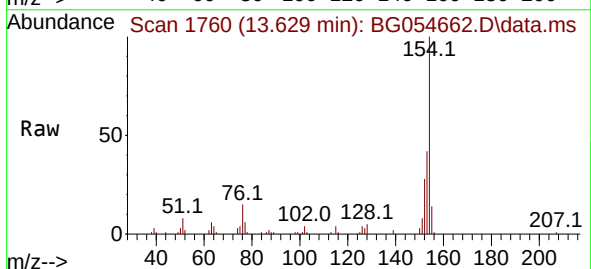
Tgt Ion:154 Resp: 41948

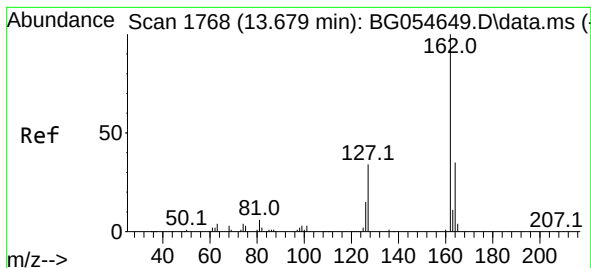
Ion Ratio Lower Upper

154 100

153 41.9 33.8 50.6

76 14.9 11.0 16.6





#44

2-Chloronaphthalene

Concen: 4.577 ng/ul

RT: 13.676 min Scan# 1

Delta R.T. 0.000 min

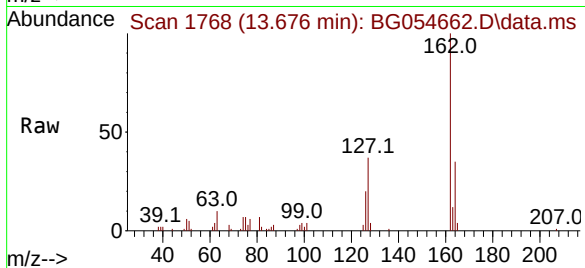
Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

Instrument :

BNA_G

ClientSampleId :



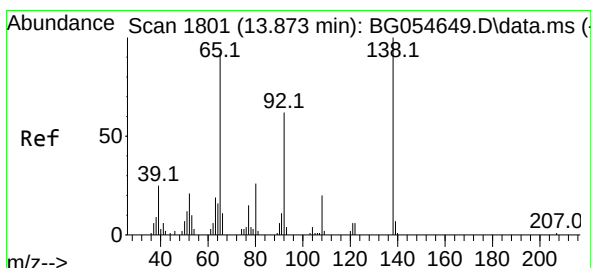
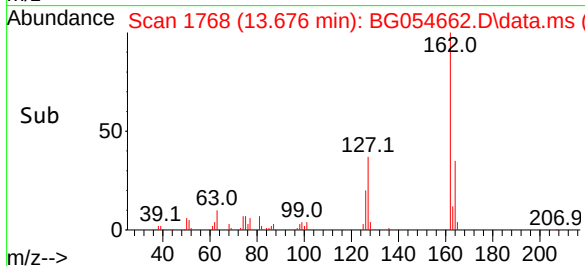
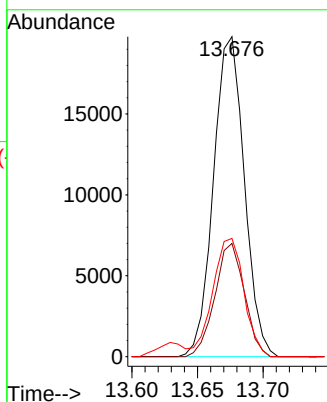
Tgt Ion:162 Resp: 32299

Ion Ratio Lower Upper

162 100

164 35.4 26.0 39.0

127 37.0 31.4 47.0



#45

2-Nitroaniline

Concen: 3.872 ng/ul

RT: 13.864 min Scan# 1800

Delta R.T. -0.005 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

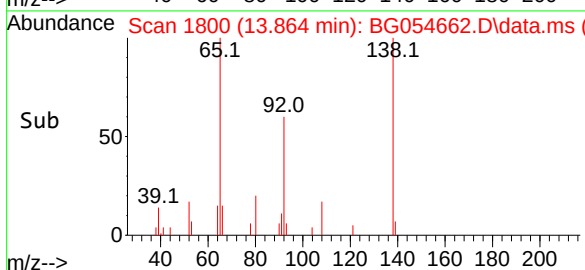
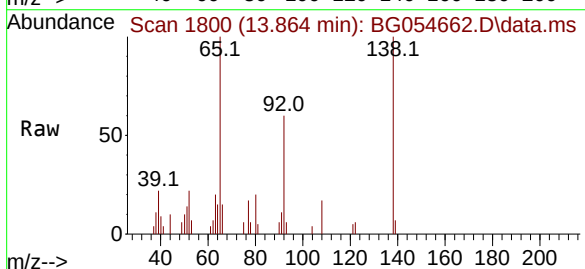
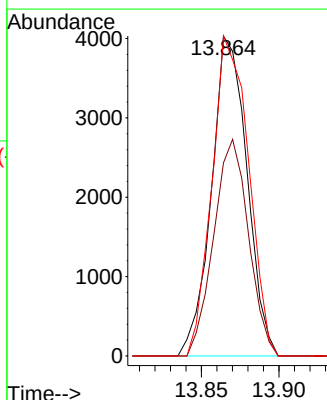
Tgt Ion: 65 Resp: 6410

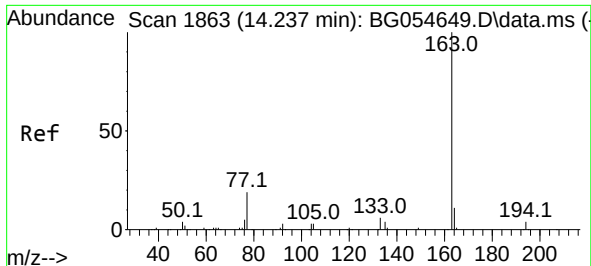
Ion Ratio Lower Upper

65 100

92 60.4 55.3 82.9

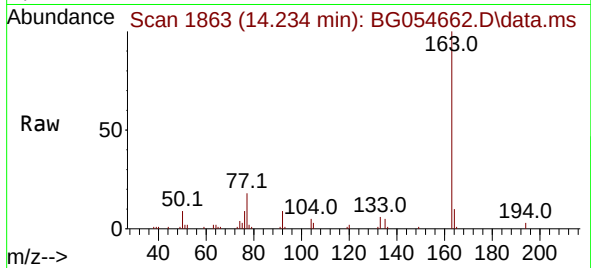
138 100.0 78.8 118.2



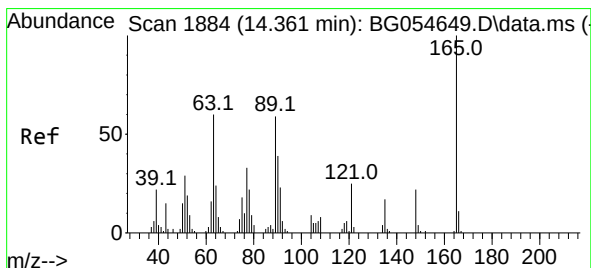
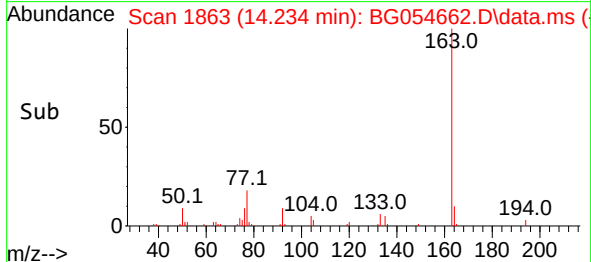
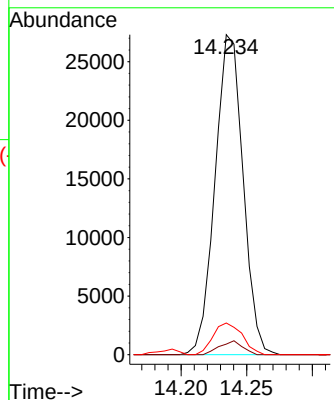


#47
 Dimethylphthalate
 Concen: 4.527 ng/ul
 RT: 14.234 min Scan# 1863
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

Instrument :
 BNA_G
 ClientSampleId :

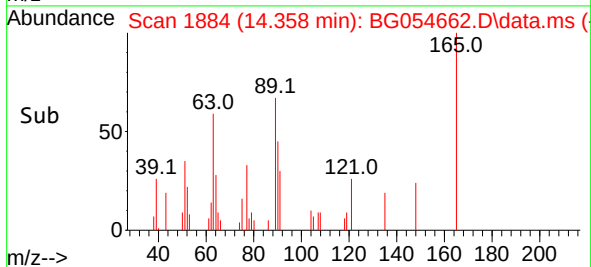
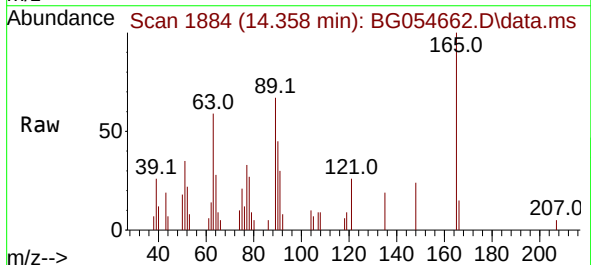
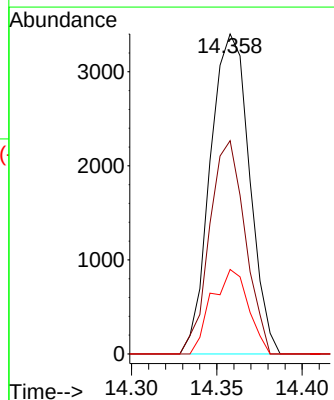


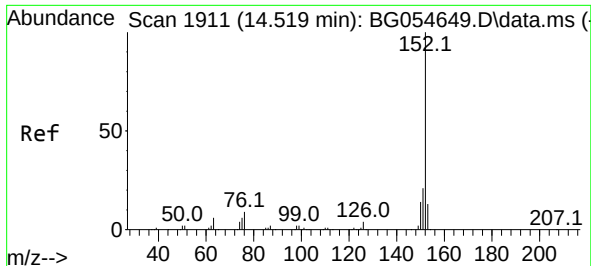
Tgt Ion:163 Resp: 40513
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.6
 164 9.9 8.7 13.1



#48
 2,6-Dinitrotoluene
 Concen: 3.880 ng/ul
 RT: 14.358 min Scan# 1884
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

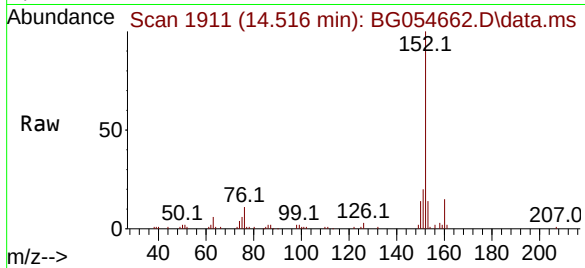
Tgt Ion:165 Resp: 5434
 Ion Ratio Lower Upper
 165 100
 89 66.7 48.7 73.1
 121 26.4 18.2 27.2



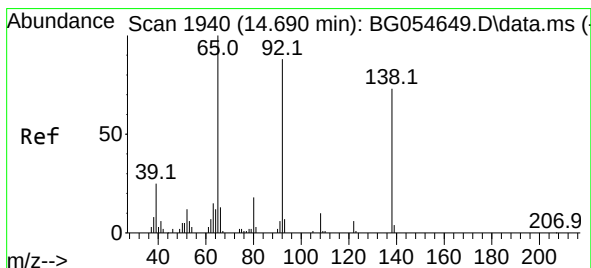
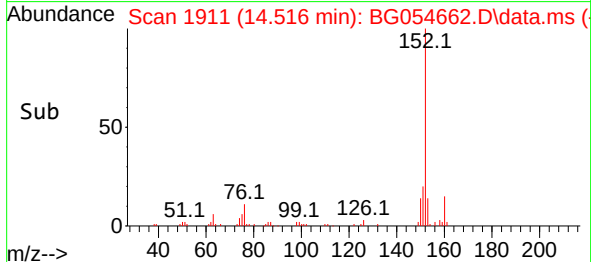
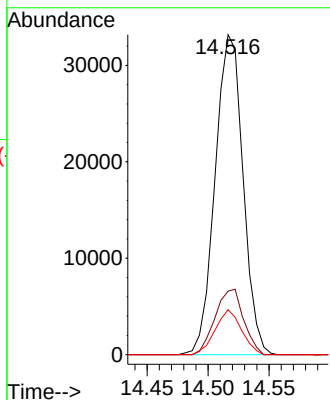


#50
Acenaphthylene
Concen: 4.507 ng/ul
RT: 14.516 min Scan# 1911
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Instrument :
BNA_G
ClientSampleId :

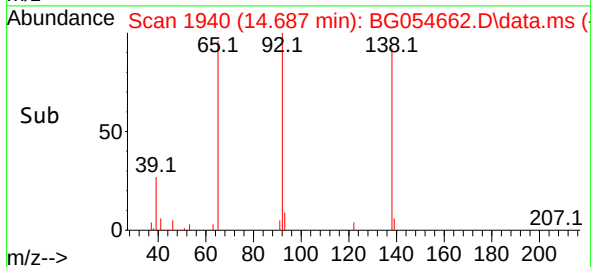
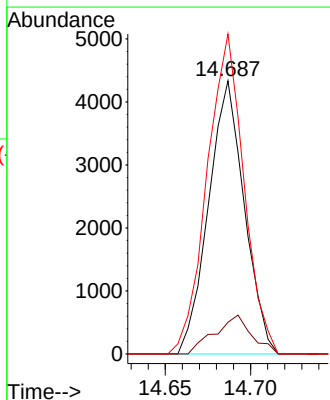
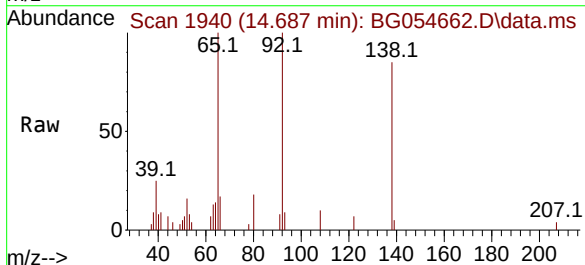


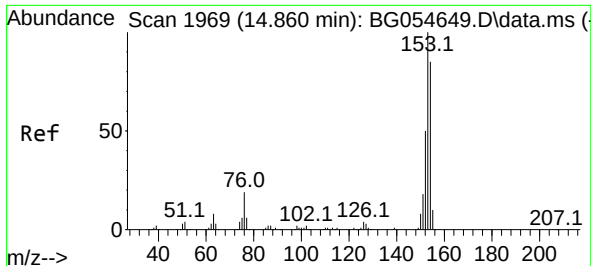
Tgt Ion:152 Resp: 52936
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 14.0 10.5 15.7



#51
3-Nitroaniline
Concen: 4.246 ng/ul
RT: 14.687 min Scan# 1940
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

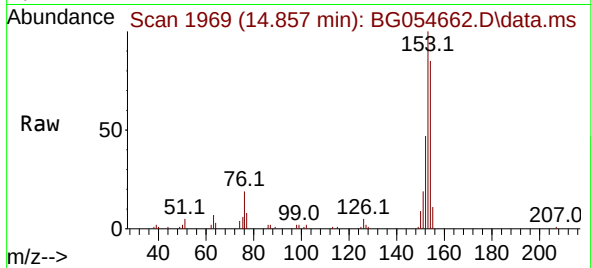
Tgt Ion:138 Resp: 6327
Ion Ratio Lower Upper
138 100
108 11.6 12.8 19.2#
92 117.1 93.7 140.5



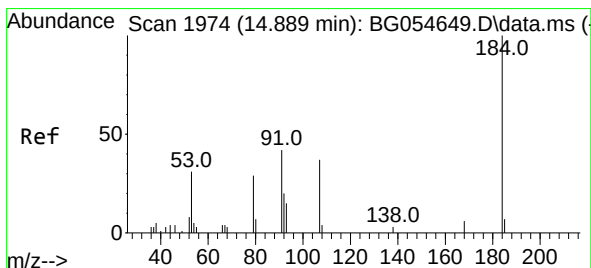
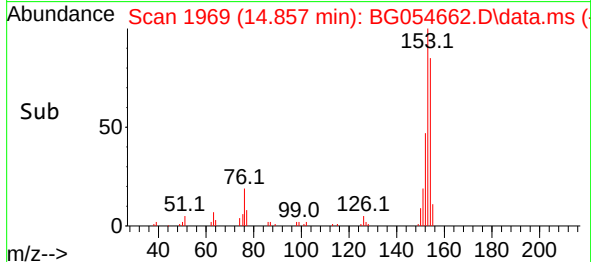
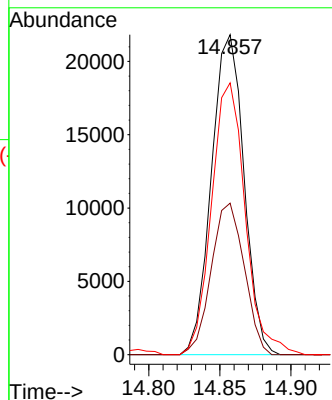


#52
Acenaphthene
Concen: 4.457 ng/ul
RT: 14.857 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Instrument :
BNA_G
ClientSampleId :

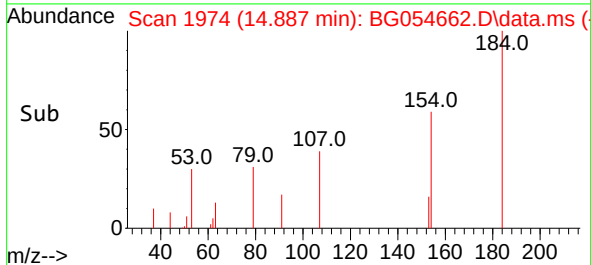
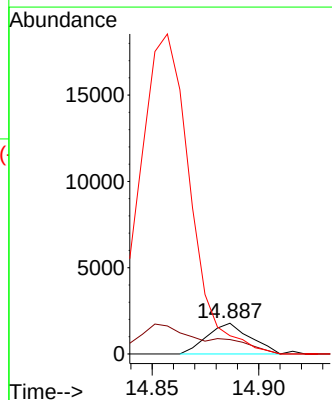
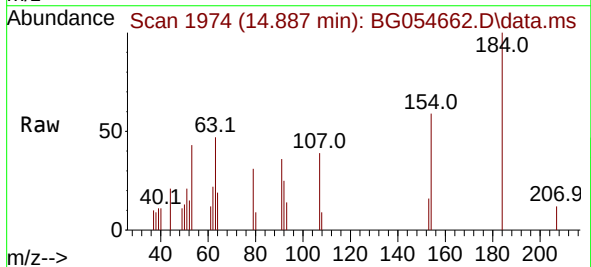


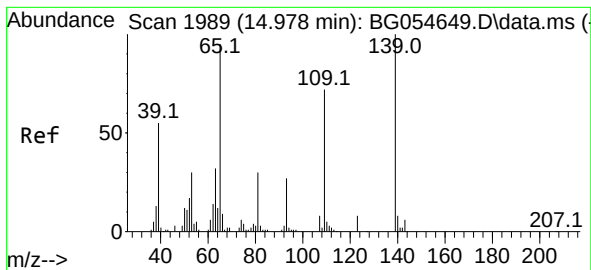
Tgt Ion:153 Resp: 34792
Ion Ratio Lower Upper
153 100
152 47.3 36.9 55.3
154 85.0 68.2 102.2



#53
2,4-Dinitrophenol
Concen: 3.557 ng/ul
RT: 14.887 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Tgt Ion:184 Resp: 2487
Ion Ratio Lower Upper
184 100
63 46.9 42.0 63.0
154 59.3 48.9 73.3

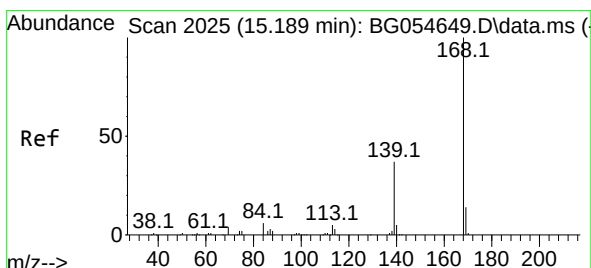
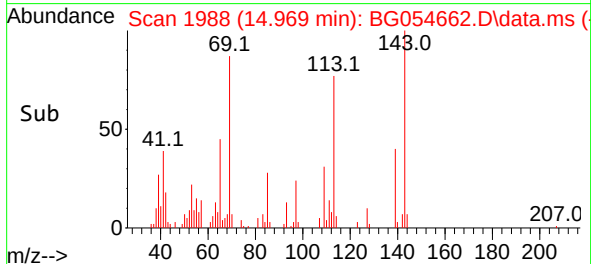
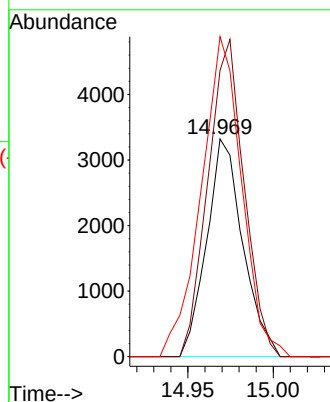
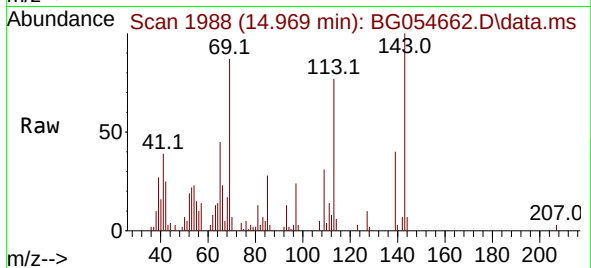




#55
4-Nitrophenol
Concen: 4.249 ng/ul
RT: 14.969 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

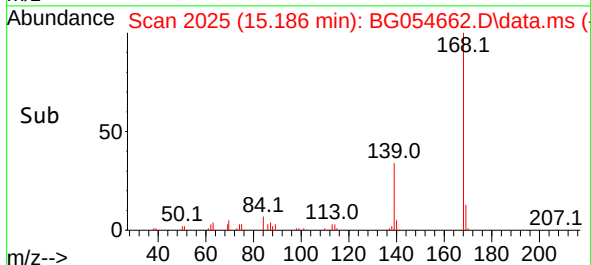
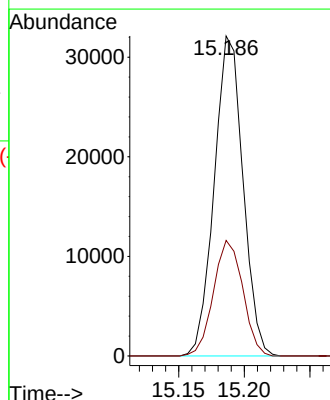
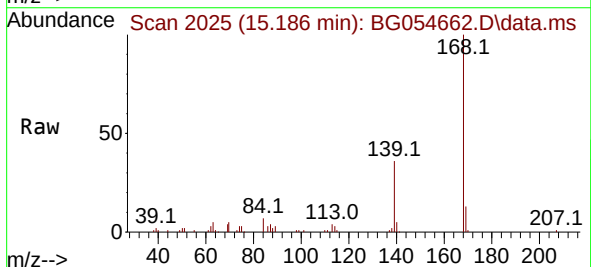
Instrument :
BNA_G
ClientSampleId :

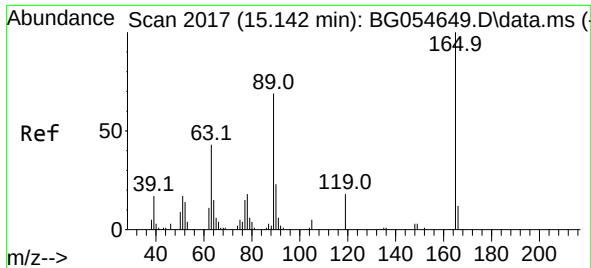
Tgt Ion:109 Resp: 4897
Ion Ratio Lower Upper
109 100
139 131.5 105.4 158.0
65 146.9 110.2 165.4



#56
Dibenzofuran
Concen: 4.550 ng/ul
RT: 15.186 min Scan# 2025
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Tgt Ion:168 Resp: 48920
Ion Ratio Lower Upper
168 100
139 36.1 29.4 44.2

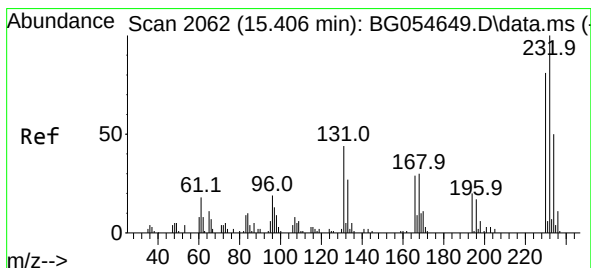
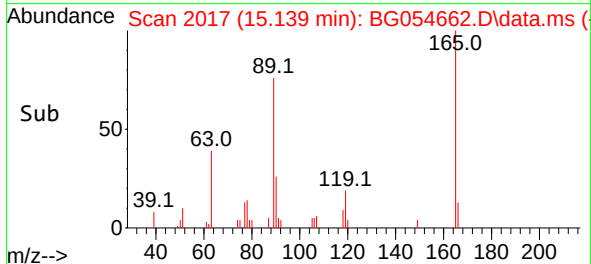
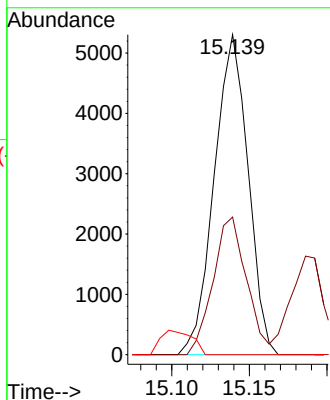
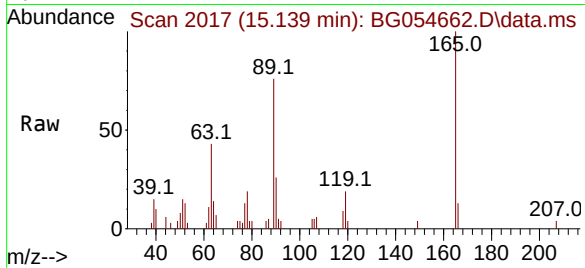




#57
2,4-Dinitrotoluene
Concen: 4.236 ng/ul
RT: 15.139 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

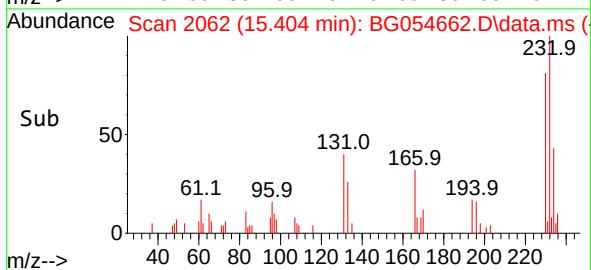
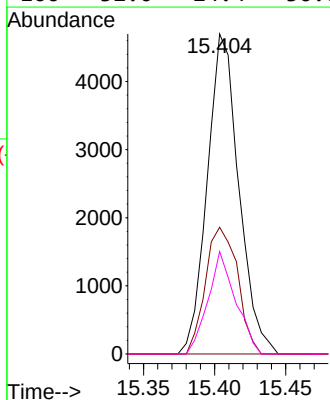
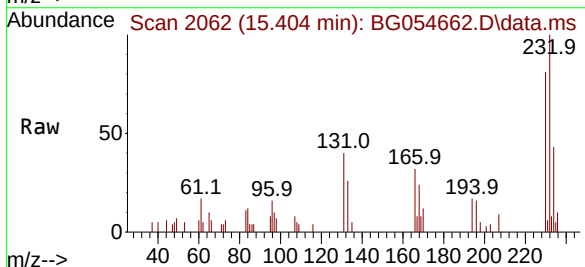
Instrument :
BNA_G
ClientSampleId :

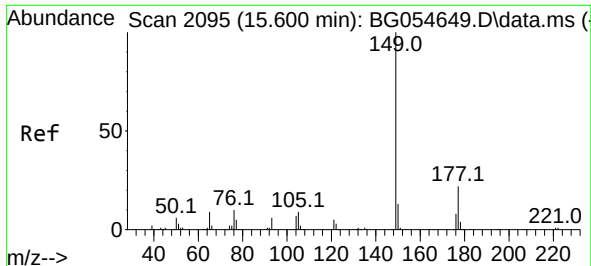
Tgt Ion:165 Resp: 8045
Ion Ratio Lower Upper
165 100
63 43.0 35.0 52.4
182 0.0 2.1 3.1#



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.589 ng/ul
RT: 15.404 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

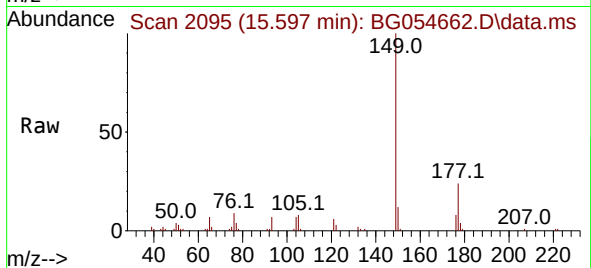
Tgt Ion:232 Resp: 7249
Ion Ratio Lower Upper
232 100
131 39.6 33.8 50.8
130 0.0 2.0 3.0#
166 32.0 24.4 36.6



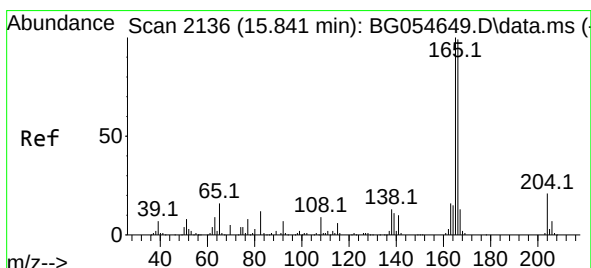
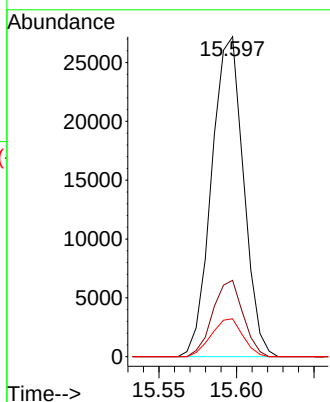
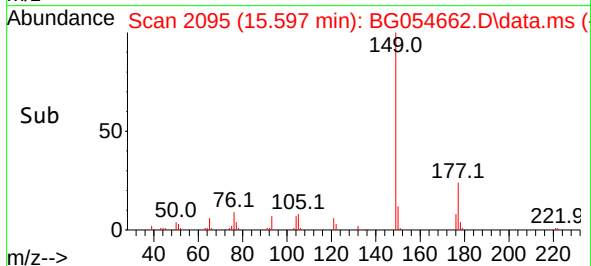


#59
Diethylphthalate
Concen: 4.381 ng/ul
RT: 15.597 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

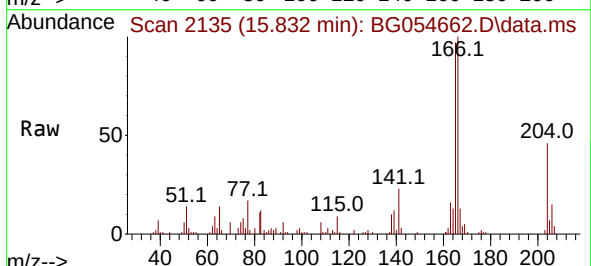
Instrument :
BNA_G
ClientSampleId :



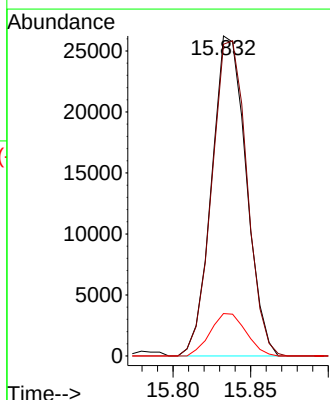
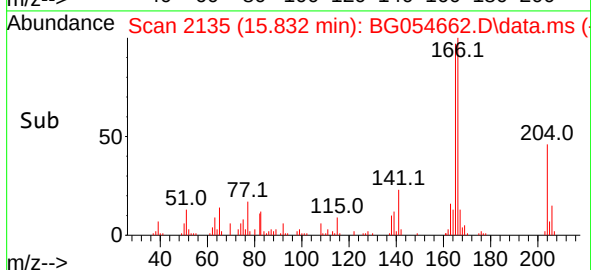
Tgt Ion:149 Resp: 38904
Ion Ratio Lower Upper
149 100
177 23.8 18.4 27.6
150 11.9 9.8 14.8

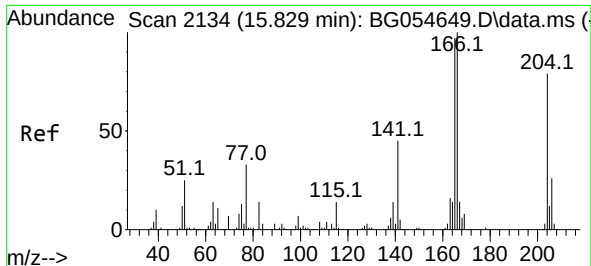


#61
Fluorene
Concen: 4.632 ng/ul
RT: 15.832 min Scan# 2135
Delta R.T. -0.011 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02



Tgt Ion:166 Resp: 40604
Ion Ratio Lower Upper
166 100
165 97.4 81.3 121.9
167 13.3 11.0 16.4





#62

4-Chlorophenyl-phenylether

Concen: 4.539 ng/ul

RT: 15.827 min Scan# 2134

Delta R.T. -0.005 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

Instrument :

BNA_G

ClientSampleId :

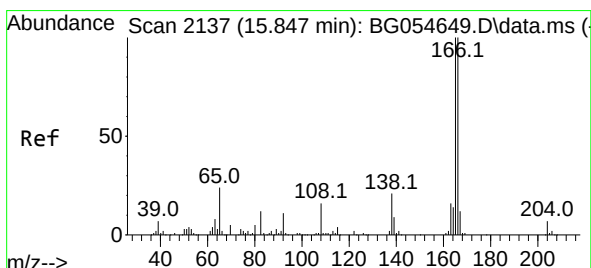
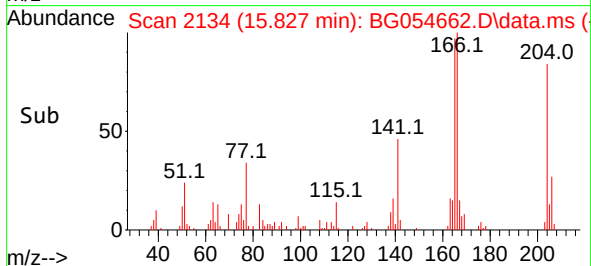
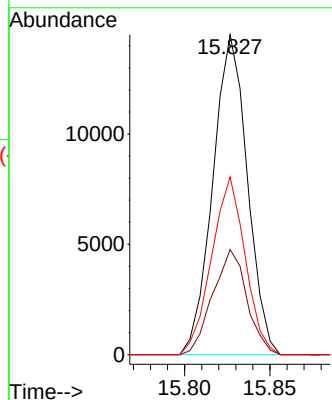
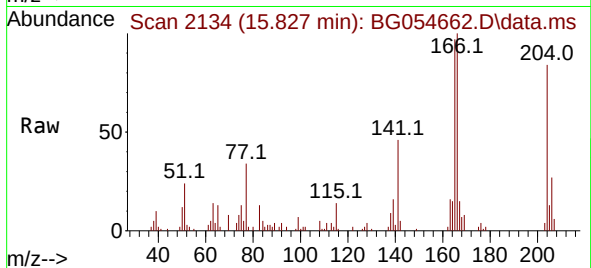
Tgt Ion:204 Resp: 20383

Ion Ratio Lower Upper

204 100

206 32.8 25.7 38.5

141 55.5 43.9 65.9



#63

4-Nitroaniline

Concen: 4.612 ng/ul

RT: 15.844 min Scan# 2137

Delta R.T. -0.005 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

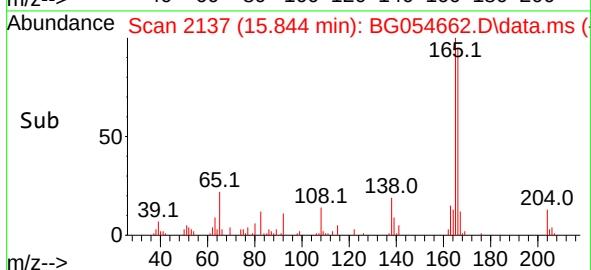
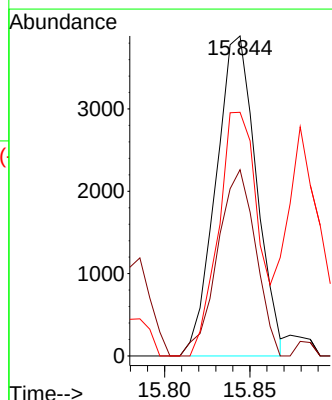
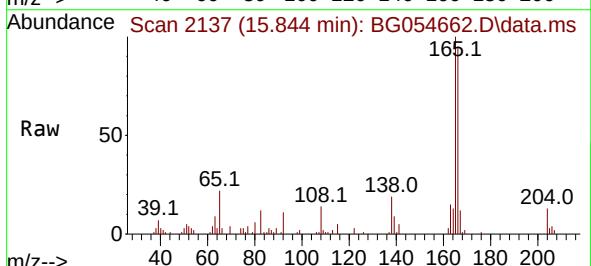
Tgt Ion:138 Resp: 6410

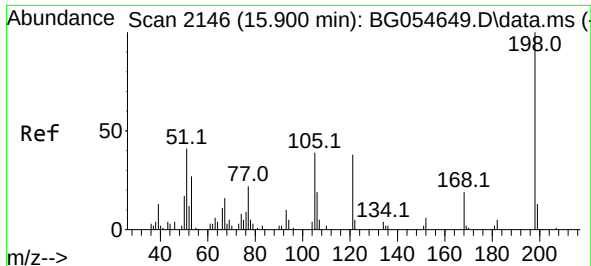
Ion Ratio Lower Upper

138 100

92 58.2 40.5 60.7

108 76.2 64.5 96.7

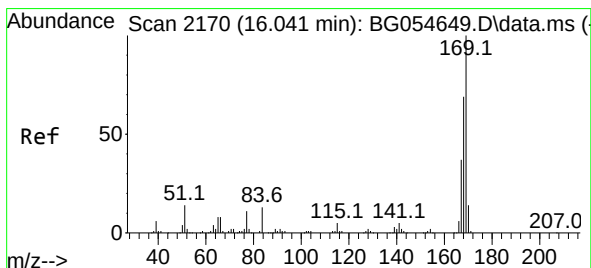
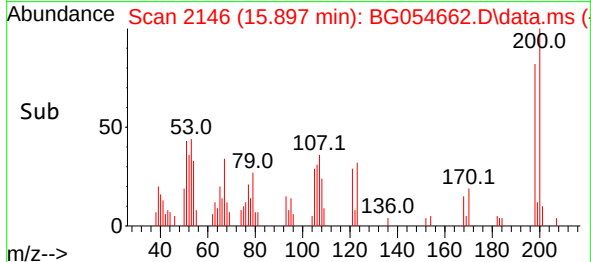
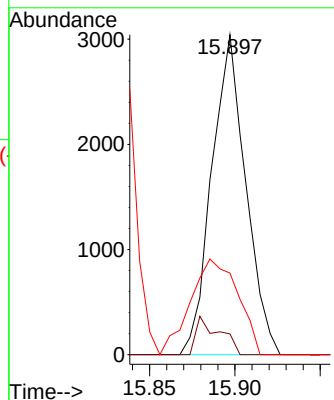
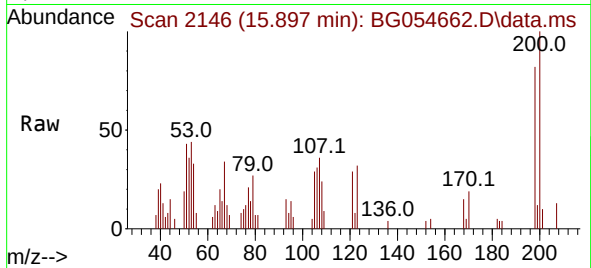




#66
 4,6-Dinitro-2-methylphenol
 Concen: 4.007 ng/ul
 RT: 15.897 min Scan# 2146
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

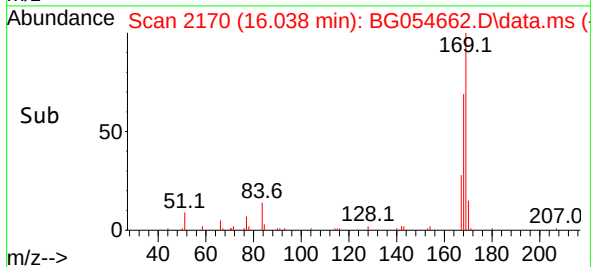
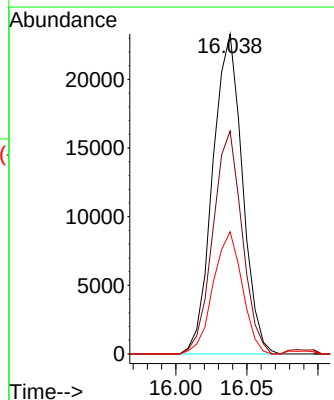
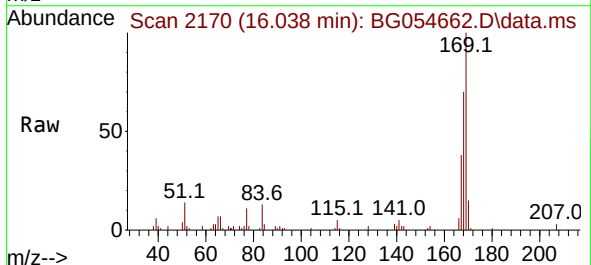
Instrument :
 BNA_G
 ClientSampleId :

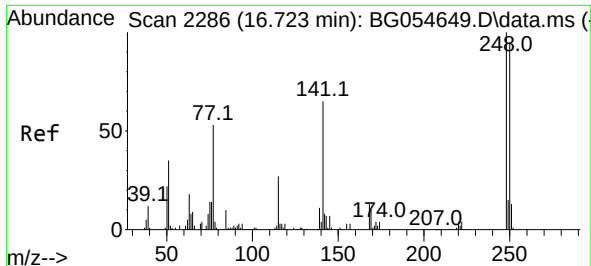
Tgt Ion:198 Resp: 4217
 Ion Ratio Lower Upper
 198 100
 182 6.5 4.0 6.0#
 77 25.5 20.2 30.2



#67
 N-Nitrosodiphenylamine
 Concen: 4.322 ng/ul
 RT: 16.038 min Scan# 2170
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

Tgt Ion:169 Resp: 33814
 Ion Ratio Lower Upper
 169 100
 168 69.7 53.8 80.8
 167 38.2 29.4 44.0

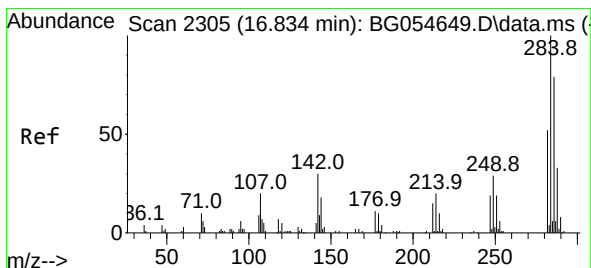
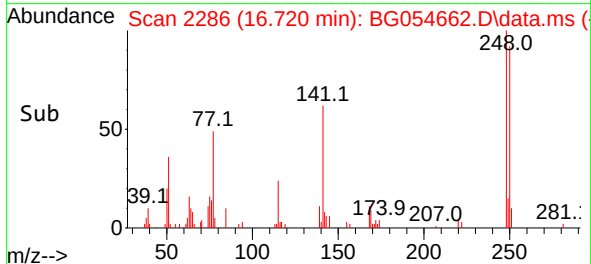
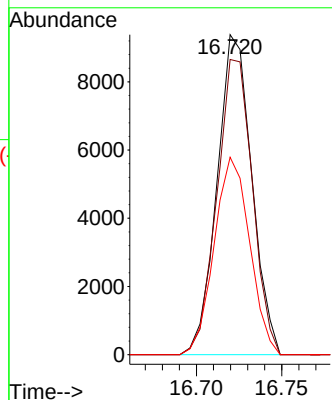
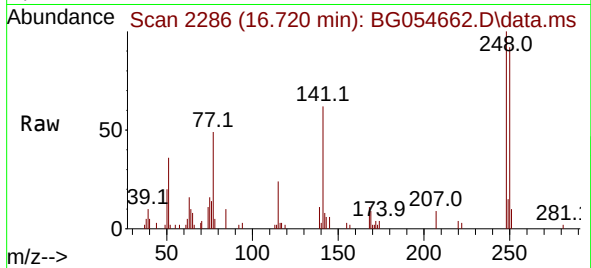




#68
4-Bromophenyl-phenylether
Concen: 4.449 ng/ul
RT: 16.720 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

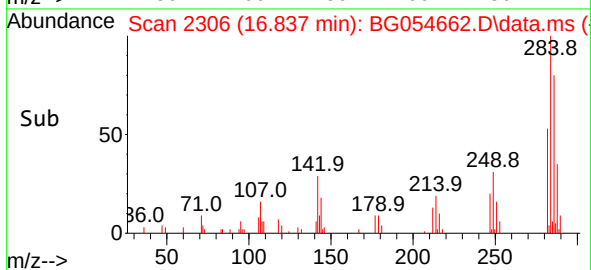
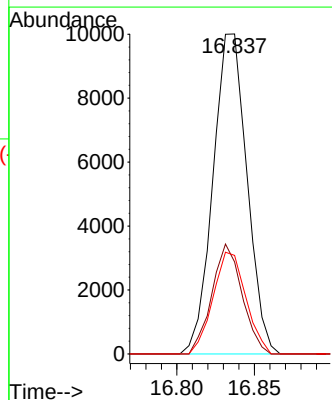
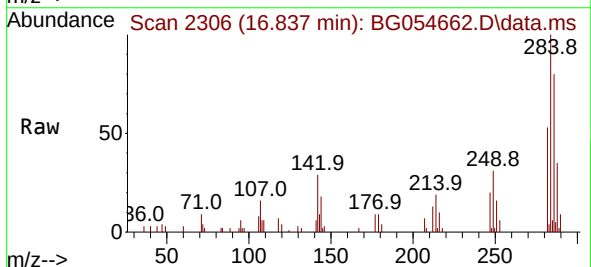
Instrument :
BNA_G
ClientSampleId :

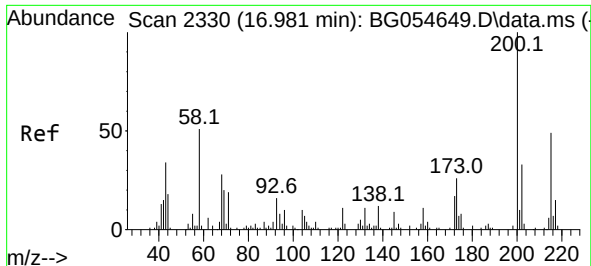
Tgt Ion:248 Resp: 13289
Ion Ratio Lower Upper
248 100
250 92.3 79.1 118.7
141 61.7 52.5 78.7



#69
Hexachlorobenzene
Concen: 4.471 ng/ul
RT: 16.837 min Scan# 2306
Delta R.T. 0.000 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

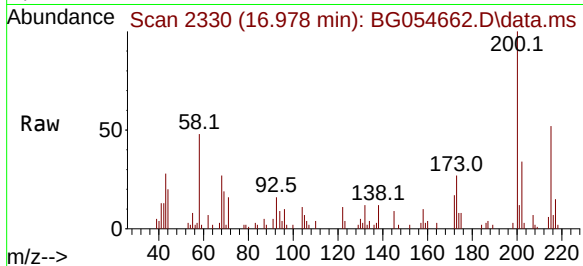
Tgt Ion:284 Resp: 15239
Ion Ratio Lower Upper
284 100
142 28.7 23.7 35.5
249 32.9 24.2 36.2



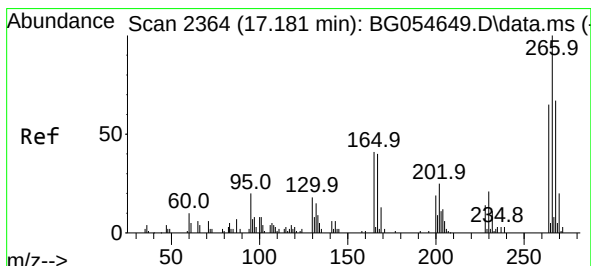
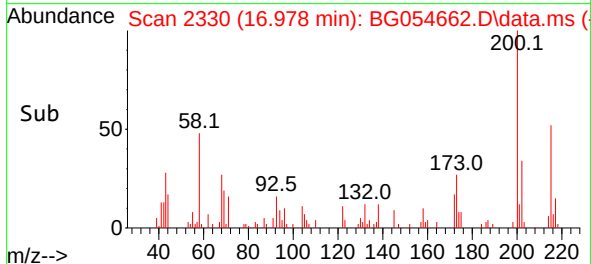
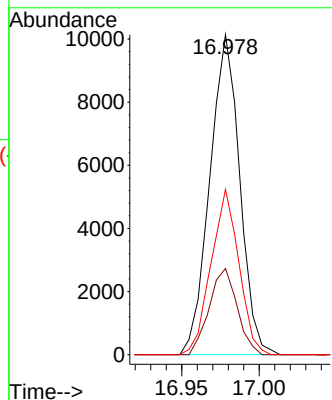


#70
Atrazine
Concen: 4.572 ng/ul
RT: 16.978 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Instrument :
BNA_G
ClientSampleId :

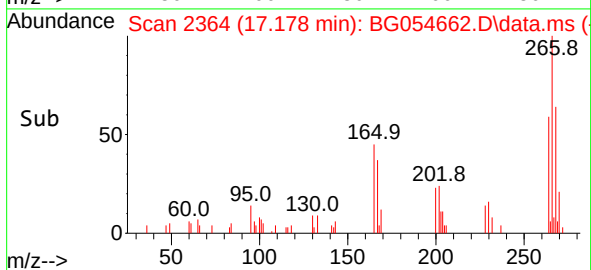
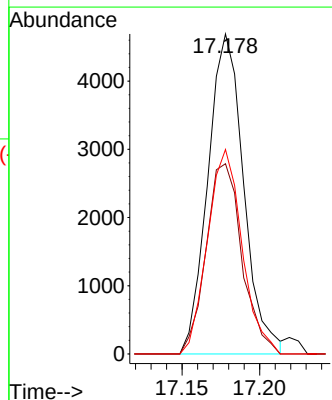
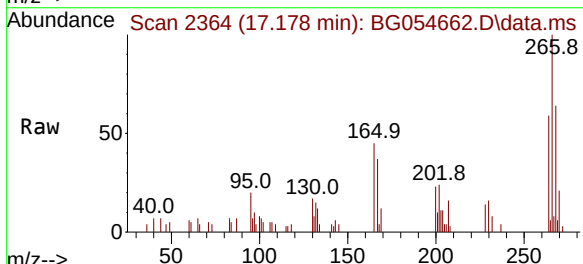


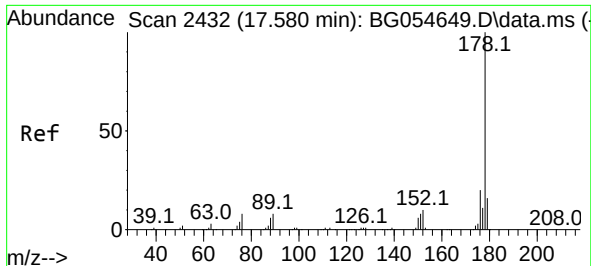
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	21.3	31.9
215	51.7	38.8	58.2



#71
Pentachlorophenol
Concen: 3.994 ng/ul
RT: 17.178 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.4	53.8	80.8
268	63.9	52.8	79.2

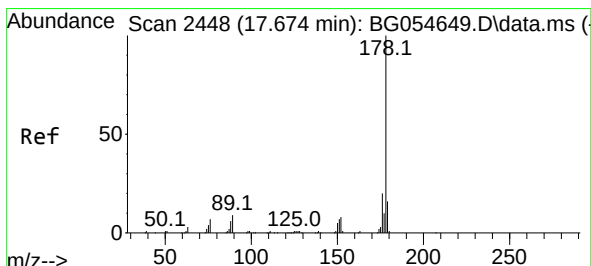
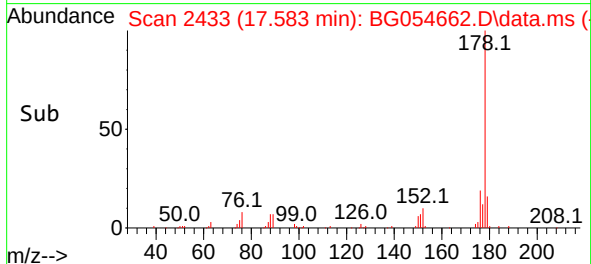
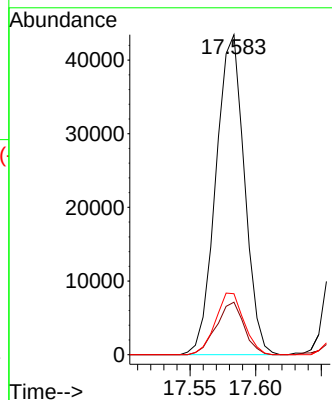
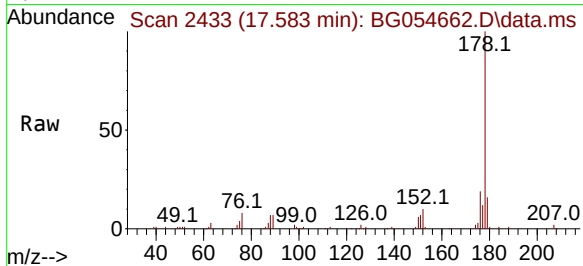




#72
Phenanthrene
Concen: 4.554 ng/ul
RT: 17.583 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

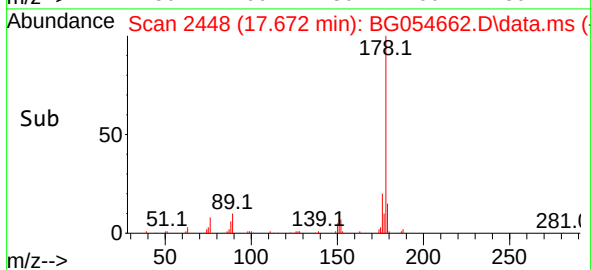
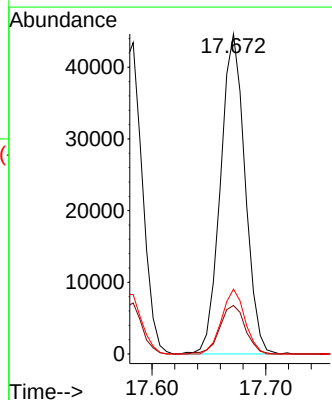
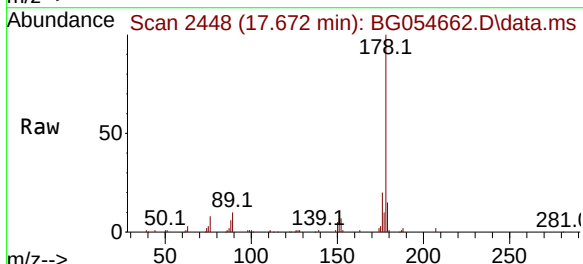
Instrument :
BNA_G
ClientSampleId :

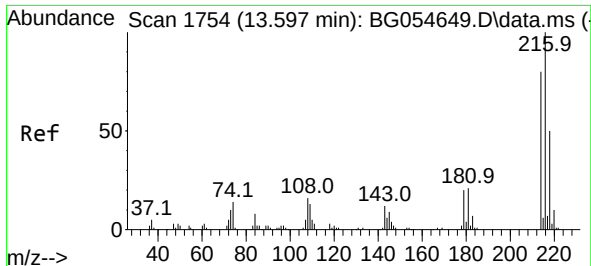
Tgt Ion:178 Resp: 65626
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 19.0 15.6 23.4



#74
Anthracene
Concen: 4.607 ng/ul
RT: 17.672 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Tgt Ion:178 Resp: 66869
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 20.2 15.9 23.9

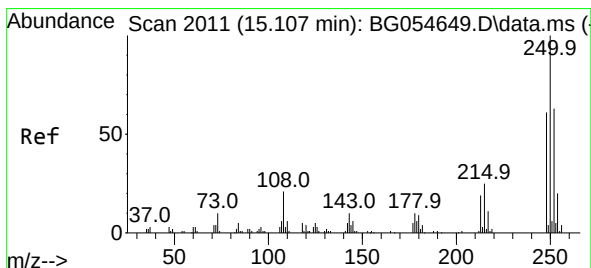
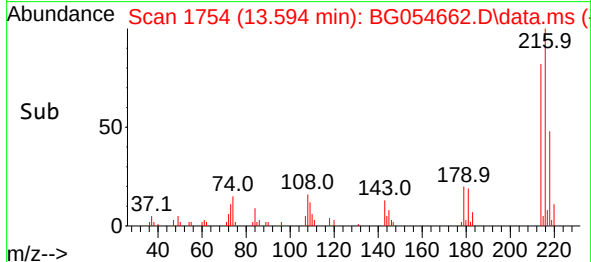
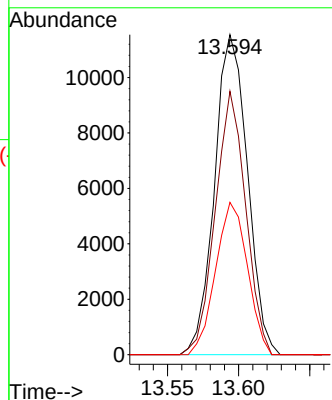
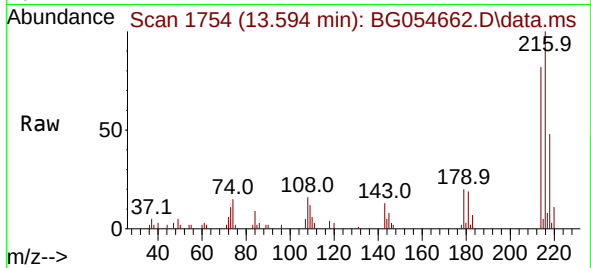




#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.471 ng/uL
RT: 13.594 min Scan# 1754
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

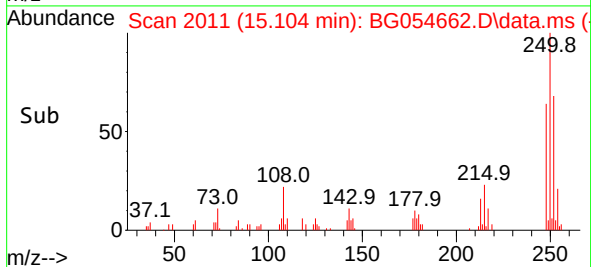
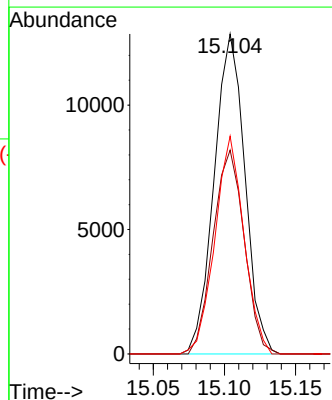
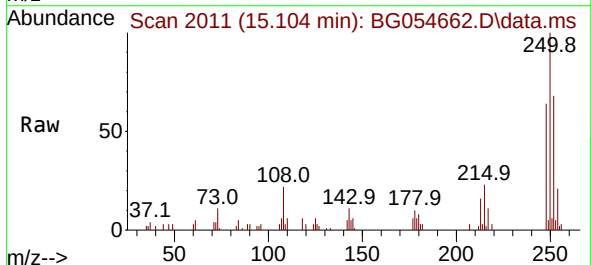
Instrument :
BNA_G
ClientSampleId :

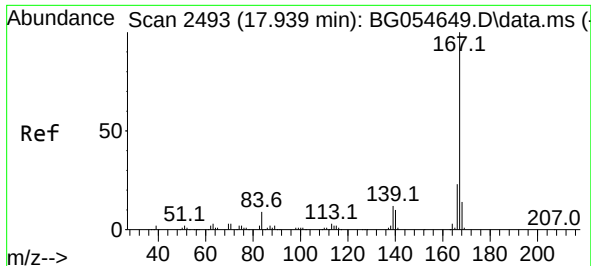
Tgt Ion:216 Resp: 18618
Ion Ratio Lower Upper
216 100
214 82.3 61.9 92.9
218 47.6 39.5 59.3



#76
Pentachlorobenzene
Concen: 4.875 ng/uL
RT: 15.104 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

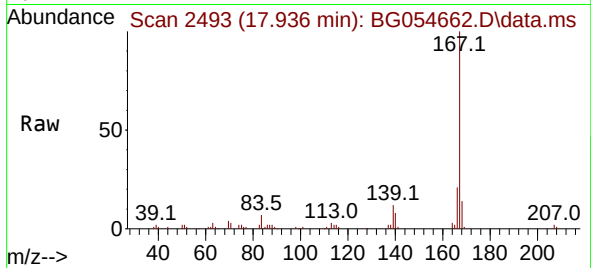
Tgt Ion:250 Resp: 19337
Ion Ratio Lower Upper
250 100
248 63.7 49.1 73.7
252 68.1 50.6 76.0



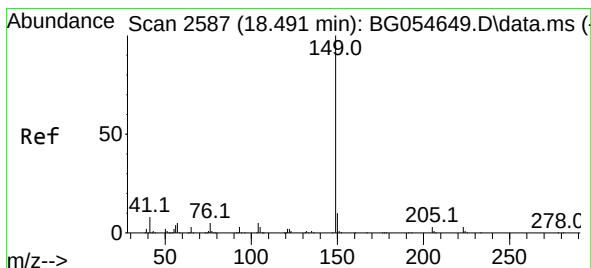
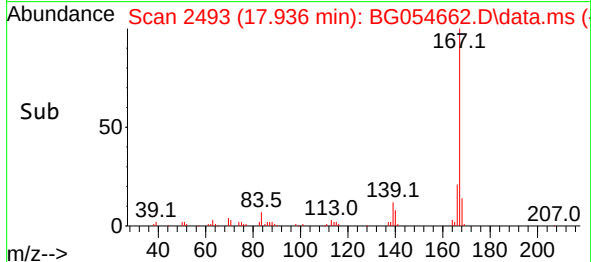
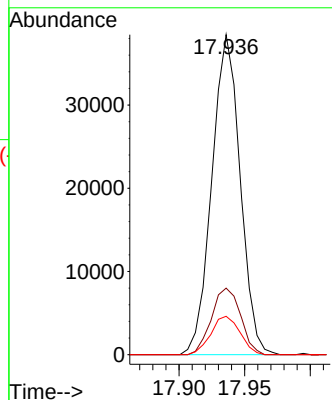


#77
 Carbazole
 Concen: 4.489 ng/ul
 RT: 17.936 min Scan# 2493
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

Instrument :
 BNA_G
 ClientSampleId :

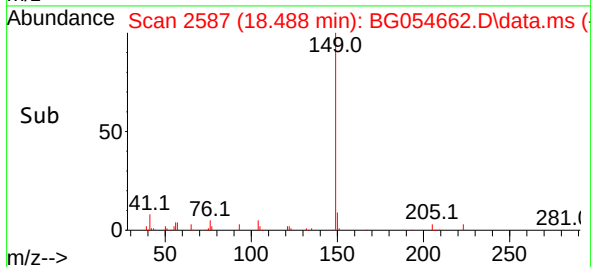
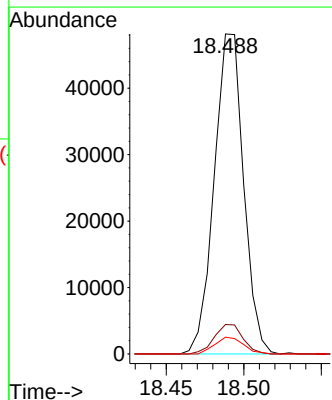
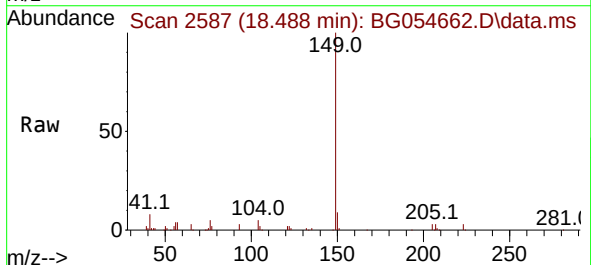


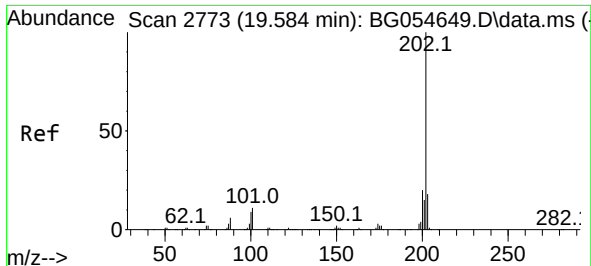
Tgt Ion:167 Resp: 57682
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.8 26.6
 139 12.0 9.9 14.9



#78
 Di-n-butylphthalate
 Concen: 4.225 ng/ul
 RT: 18.488 min Scan# 2587
 Delta R.T. -0.005 min
 Lab File: BG054662.D
 Acq: 19 Aug 2022 12:02

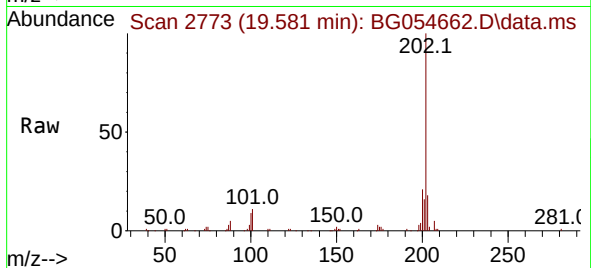
Tgt Ion:149 Resp: 63506
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.3 4.2 6.4



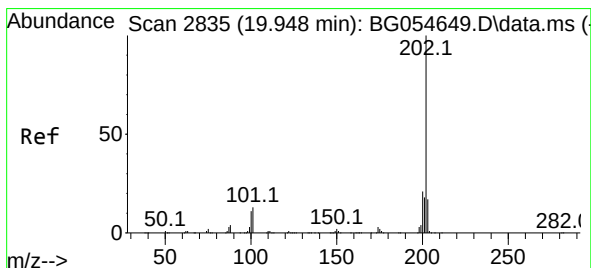
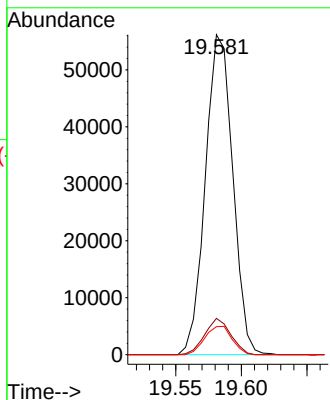
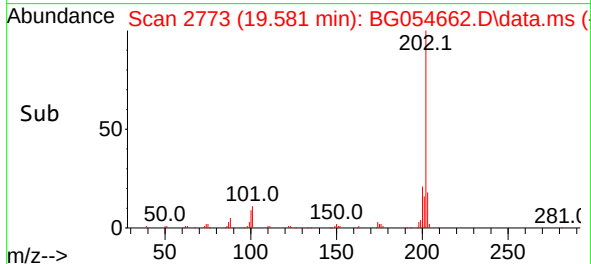


#80
Fluoranthene
Concen: 4.382 ng/ul
RT: 19.581 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

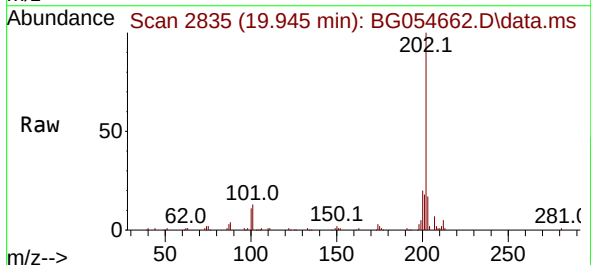
Instrument :
BNA_G
ClientSampleId :



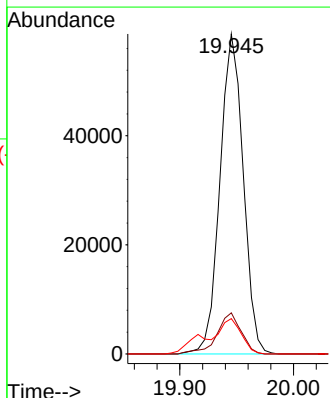
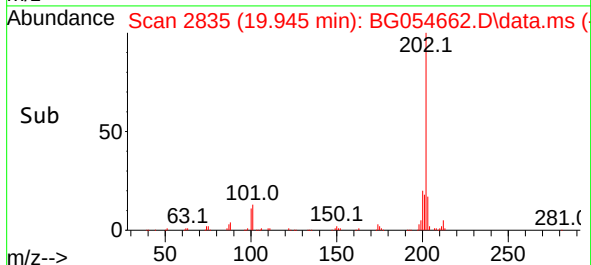
Tgt Ion:202 Resp: 81611
Ion Ratio Lower Upper
202 100
101 11.3 8.0 12.0
100 8.8 6.7 10.1

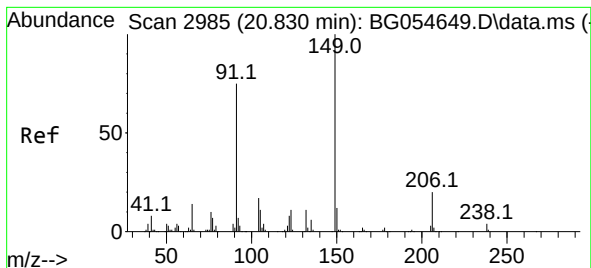


#82
Pyrene
Concen: 4.512 ng/ul
RT: 19.945 min Scan# 2835
Delta R.T. -0.005 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02



Tgt Ion:202 Resp: 83518
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 11.0 8.4 12.6





#83

Butylbenzylphthalate

Concen: 3.378 ng/ul

RT: 20.827 min Scan# 2985

Delta R.T. -0.005 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

Instrument :

BNA_G

ClientSampleId :

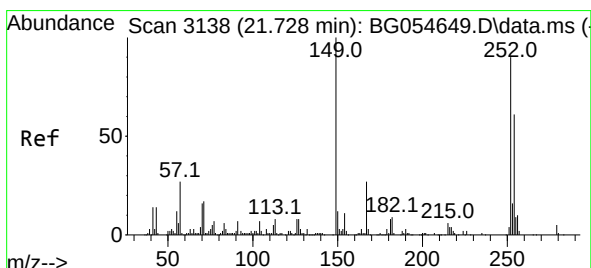
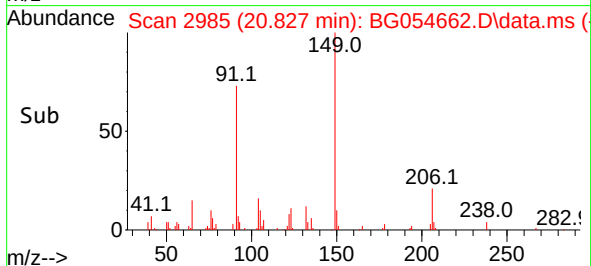
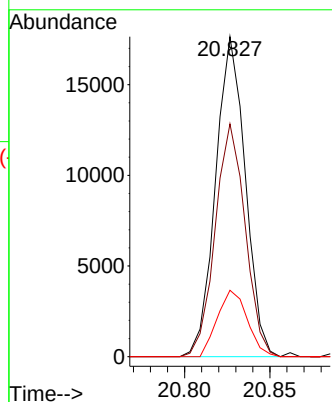
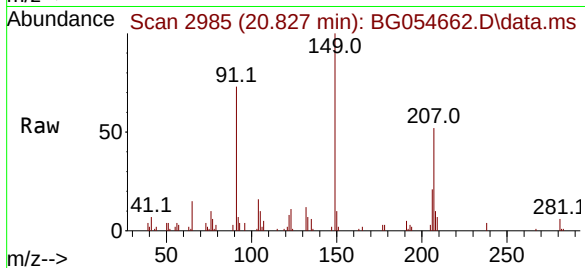
Tgt Ion:149 Resp: 21409

Ion Ratio Lower Upper

149 100

91 72.7 59.1 88.7

206 20.7 16.8 25.2



#84

3,3'-Dichlorobenzidine

Concen: 3.811 ng/ul

RT: 21.720 min Scan# 3137

Delta R.T. -0.005 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

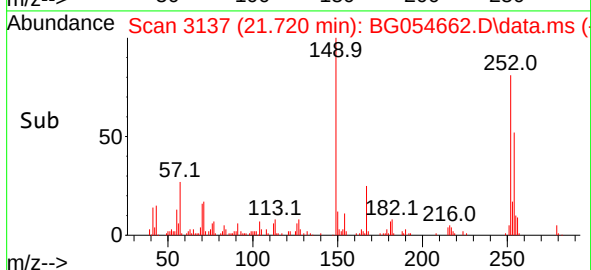
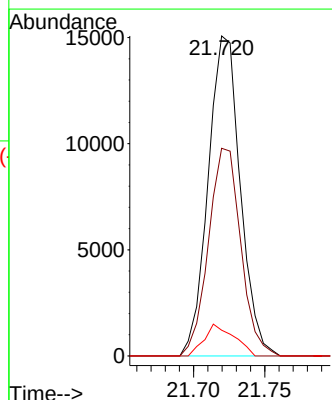
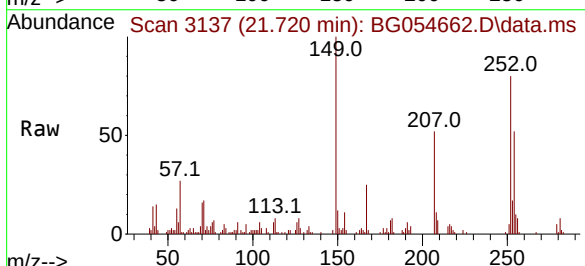
Tgt Ion:252 Resp: 23695

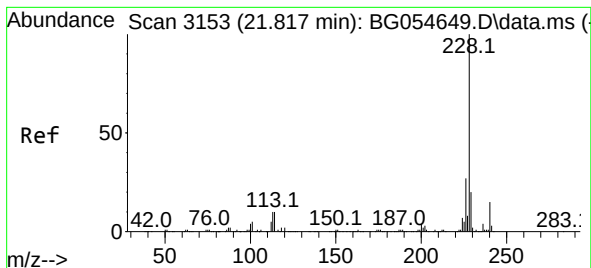
Ion Ratio Lower Upper

252 100

254 64.9 49.1 73.7

126 8.1 8.3 12.5#





#85

Benzo(a)anthracene

Concen: 4.411 ng/ul

RT: 21.814 min Scan# 3153

Delta R.T. -0.005 min

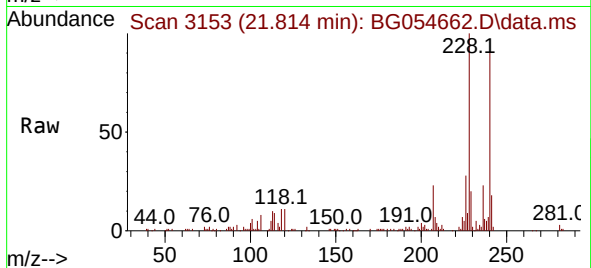
Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

Instrument :

BNA_G

ClientSampleId :



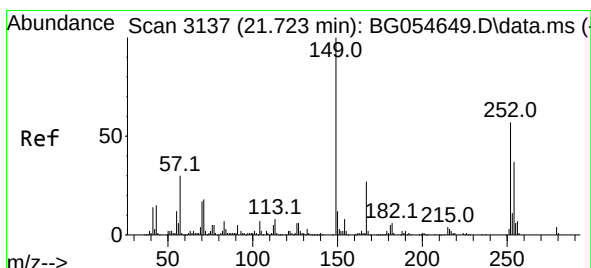
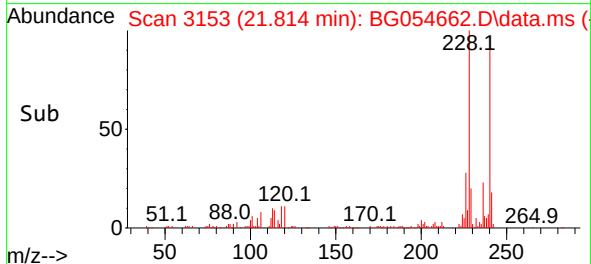
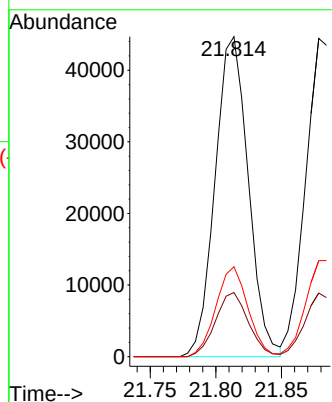
Tgt Ion:228 Resp: 78685

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 28.1 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.526 ng/ul

RT: 21.714 min Scan# 3136

Delta R.T. -0.011 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

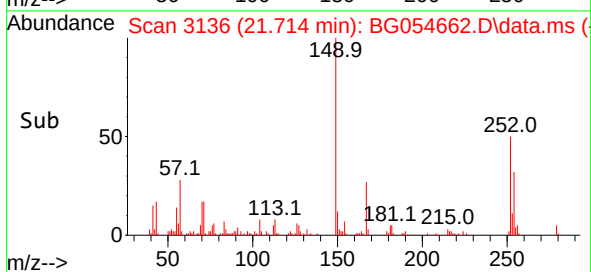
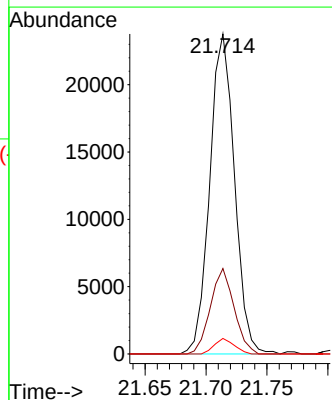
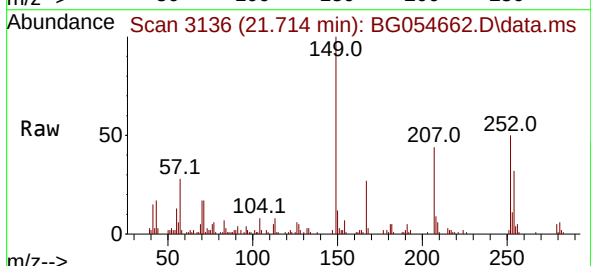
Tgt Ion:149 Resp: 33554

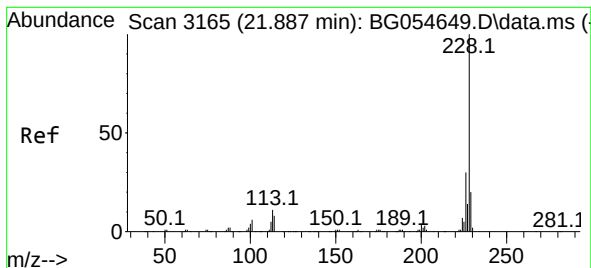
Ion Ratio Lower Upper

149 100

167 26.7 21.5 32.3

279 4.9 3.4 5.0





#87

Chrysene

Concen: 4.444 ng/ul

RT: 21.878 min Scan# 3165

Delta R.T. -0.011 min

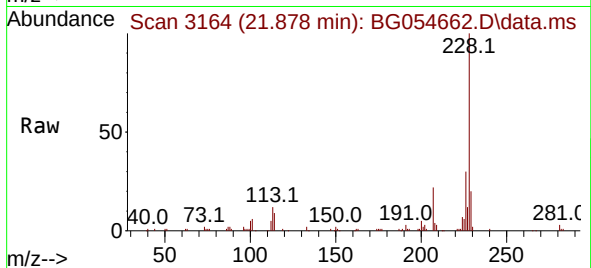
Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

Instrument :

BNA_G

ClientSampleId :



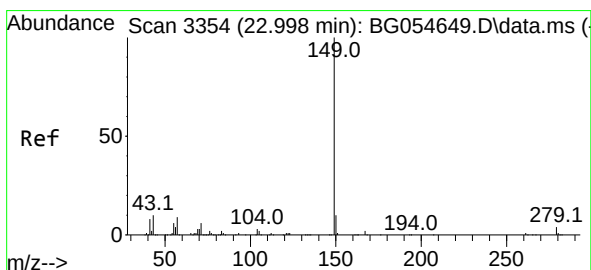
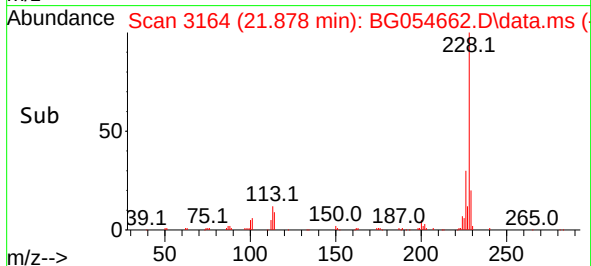
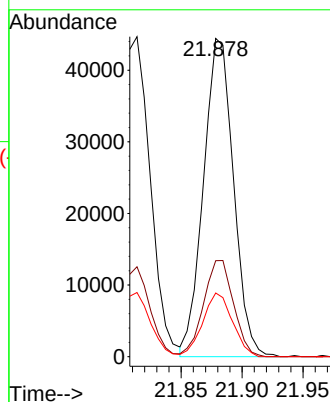
Tgt Ion:228 Resp: 76273

Ion Ratio Lower Upper

228 100

226 30.2 24.6 36.8

229 20.0 16.0 24.0



#89

Di-n-octyl phthalate

Concen: 3.302 ng/ul

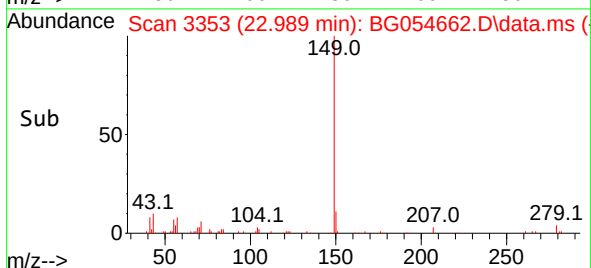
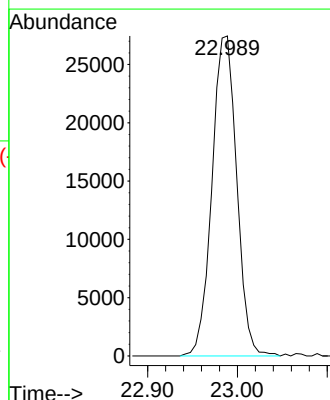
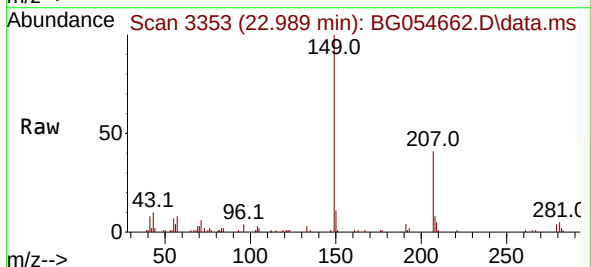
RT: 22.989 min Scan# 3353

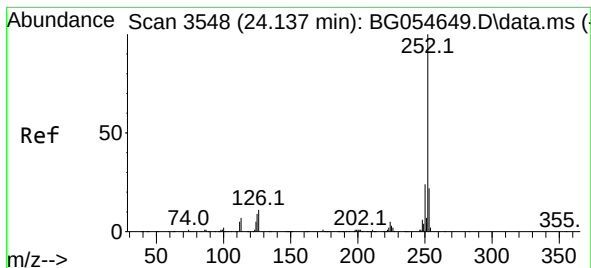
Delta R.T. -0.011 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

Tgt Ion:149 Resp: 52529





#90

Benzo(b)fluoranthene

Concen: 4.227 ng/ul

RT: 24.129 min Scan# 3

Delta R.T. -0.011 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

Instrument :

BNA_G

ClientSampleId :

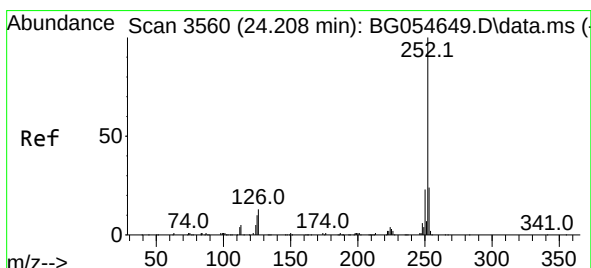
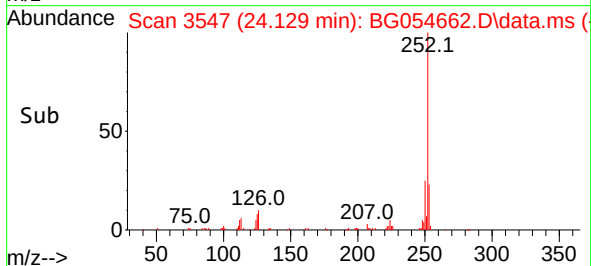
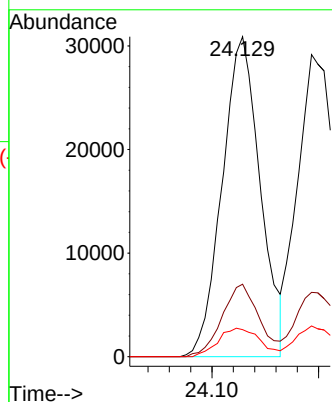
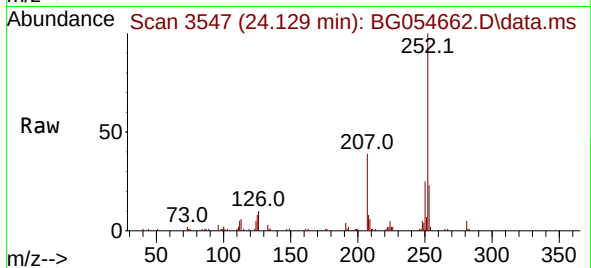
Tgt Ion:252 Resp: 76620

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 8.4 7.4 11.0



#91

Benzo(k)fluoranthene

Concen: 4.373 ng/ul

RT: 24.193 min Scan# 3558

Delta R.T. -0.017 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

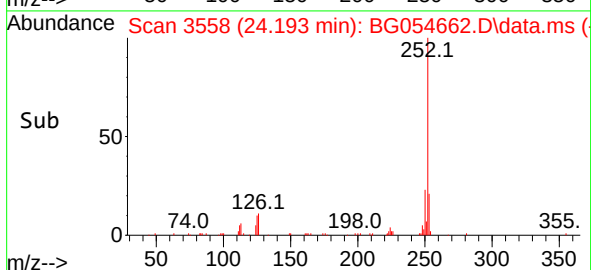
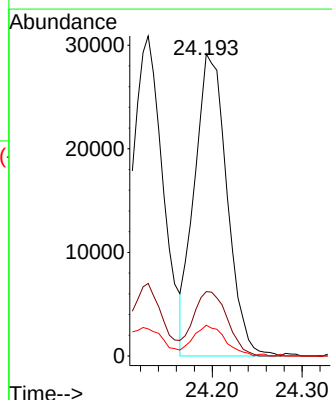
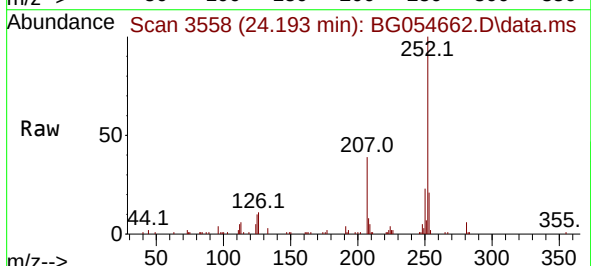
Tgt Ion:252 Resp: 73447

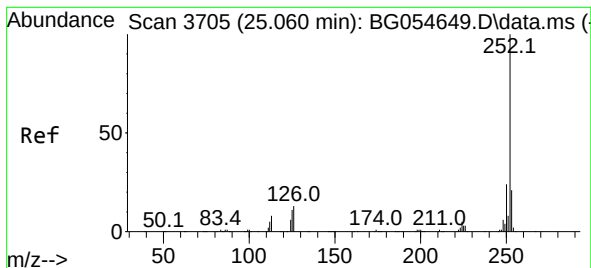
Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

125 10.2 7.6 11.4





#93

Benzo(a)pyrene

Concen: 4.236 ng/ul

RT: 25.045 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG054662.D

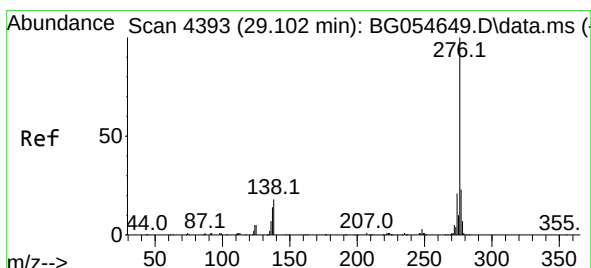
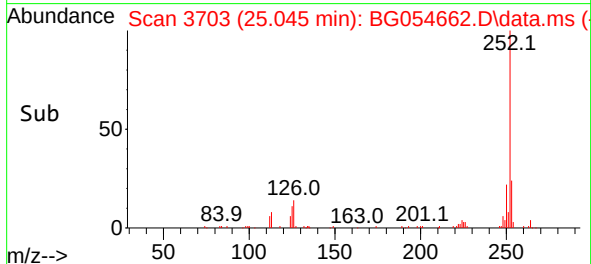
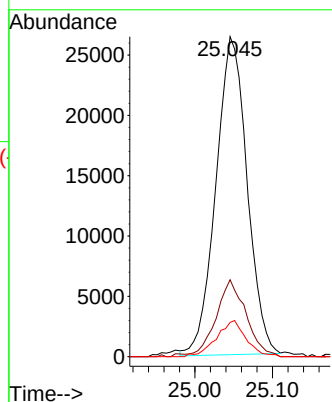
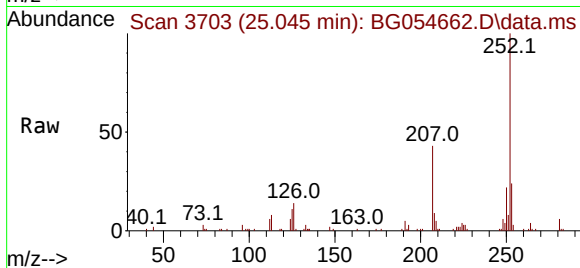
Acq: 19 Aug 2022 12:02

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:252	Resp:	73761
Ion Ratio	Lower	Upper
252	100	
253	24.0	17.0 25.4
125	10.7	9.0 13.6



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.530 ng/ul

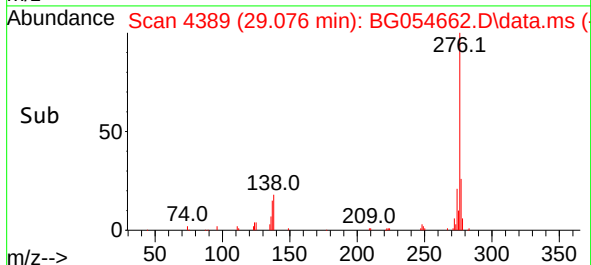
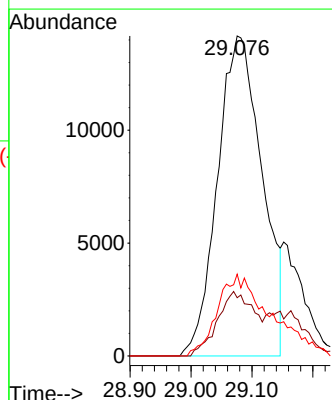
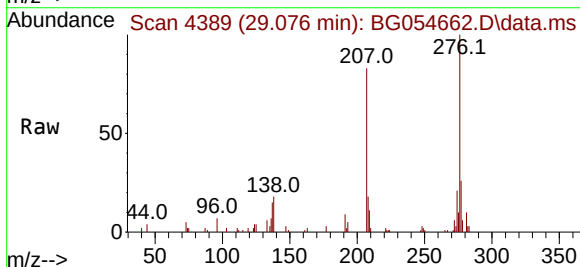
RT: 29.076 min Scan# 4389

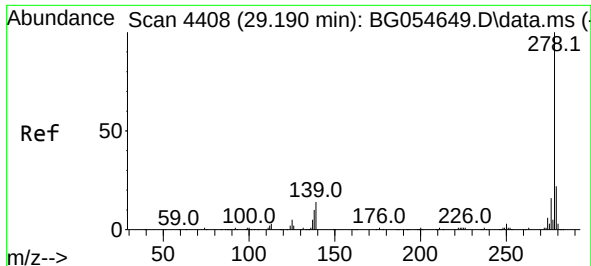
Delta R.T. -0.029 min

Lab File: BG054662.D

Acq: 19 Aug 2022 12:02

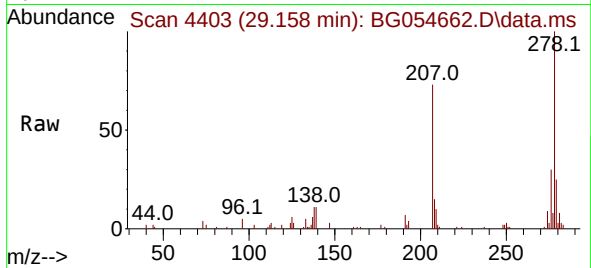
Tgt Ion:276	Resp:	72201
Ion Ratio	Lower	Upper
276	100	
138	18.2	14.5 21.7
277	25.6	18.3 27.5





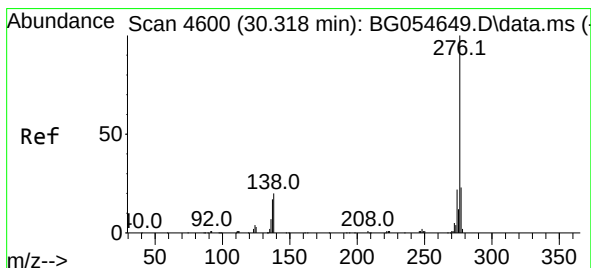
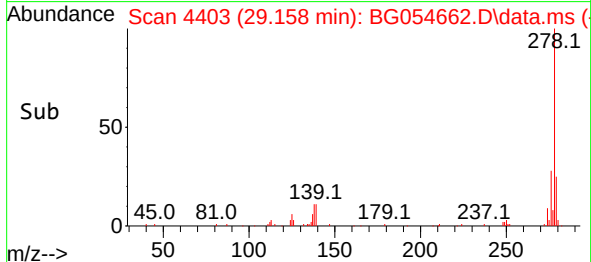
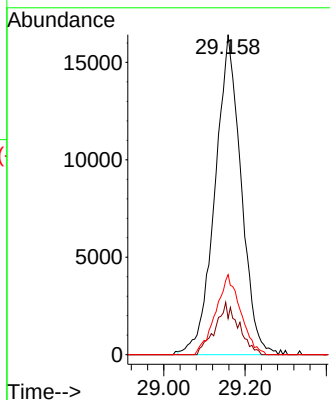
#95
Dibenzo(a,h)anthracene
Concen: 4.234 ng/ul
RT: 29.158 min Scan# 4403
Delta R.T. -0.029 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:278 Resp: 73218

Ion	Ratio	Lower	Upper
278	100		
139	11.4	11.2	16.8
279	25.0	19.6	29.4



#96
Benzo(g,h,i)perylene
Concen: 4.259 ng/ul
RT: 30.286 min Scan# 4595
Delta R.T. -0.035 min
Lab File: BG054662.D
Acq: 19 Aug 2022 12:02

Tgt Ion:276 Resp: 72664

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.4	23.2
277	22.0	19.5	29.3

