

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053442.D
 Acq On : 5 May 2022 1:21
 Operator : CG/JU
 Sample : PB144564BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144564BS

Quant Time: May 05 02:19:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	22113	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	96884	20.000	ng	0.00
39) Acenaphthene-d10	14.722	164	80567	20.000	ng	0.00
64) Phenanthrene-d10	17.466	188	199345	20.000	ng	0.00
76) Chrysene-d12	21.748	240	208603	20.000	ng	0.00
86) Perylene-d12	25.032	264	218839	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	173390	133.074	ng	0.00
7) Phenol-d6	7.262	99	251243	127.054	ng	0.00
23) Nitrobenzene-d5	9.259	82	173983	76.444	ng	0.00
42) 2,4,6-Tribromophenol	16.209	330	136188	114.610	ng	0.00
45) 2-Fluorobiphenyl	13.348	172	396312	71.881	ng	0.00
79) Terphenyl-d14	20.068	244	892446	79.680	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.538	88	19899	29.107	ng	# 92
3) Pyridine	3.943	79	48974	29.333	ng	94
4) n-Nitrosodimethylamine	3.855	42	33942	41.734	ng	98
6) Aniline	7.415	93	92401	42.189	ng	97
8) 2-Chlorophenol	7.667	128	63408	46.551	ng	94
9) Benzaldehyde	7.233	77	43892	34.939	ng	98
10) Phenol	7.285	94	87264	45.121	ng	97
11) bis(2-Chloroethyl)ether	7.509	93	60500	41.944	ng	95
12) 1,3-Dichlorobenzene	7.984	146	63561	39.555	ng	95
13) 1,4-Dichlorobenzene	8.131	146	65057	40.120	ng	96
14) 1,2-Dichlorobenzene	8.454	146	64086	42.087	ng	94
15) Benzyl Alcohol	8.331	79	72029	43.569	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.619	45	96140	40.953	ng	96
17) 2-Methylphenol	8.543	107	59316	45.377	ng	94
18) Hexachloroethane	9.189	117	23568	38.273	ng	94
19) n-Nitroso-di-n-propyla...	8.895	70	59216	41.737	ng	98
20) 3+4-Methylphenols	8.866	107	82511	44.694	ng	96
22) Acetophenone	8.918	105	99656	37.584	ng	98
24) Nitrobenzene	9.300	77	90215	40.954	ng	99
25) Isophorone	9.823	82	161537	42.173	ng	99
26) 2-Nitrophenol	10.017	139	36746	41.186	ng	97
27) 2,4-Dimethylphenol	10.076	122	63820	47.531	ng	94
28) bis(2-Chloroethoxy)met...	10.299	93	83661	37.977	ng	98
29) 2,4-Dichlorophenol	10.557	162	69138	42.665	ng	92
30) 1,2,4-Trichlorobenzene	10.769	180	70410	38.242	ng	96
31) Naphthalene	10.957	128	194310	39.428	ng	97
32) Benzoic acid	10.234	122	26336	34.317	ng	# 83
33) 4-Chloroaniline	11.069	127	69460	33.654	ng	97
34) Hexachlorobutadiene	11.245	225	50573	37.042	ng	98
35) Caprolactam	11.832	113	11159	18.949	ng	94
36) 4-Chloro-3-methylphenol	12.185	107	83804	43.234	ng	94
37) 2-Methylnaphthalene	12.555	142	144415	39.266	ng	99
38) 1-Methylnaphthalene	12.772	142	138830	38.689	ng	96
40) 1,2,4,5-Tetrachloroben...	12.925	216	92114	36.271	ng	99
41) Hexachlorocyclopentadiene	12.907	237	87176	83.802	ng	98
43) 2,4,6-Trichlorophenol	13.166	196	63500	38.306	ng	99

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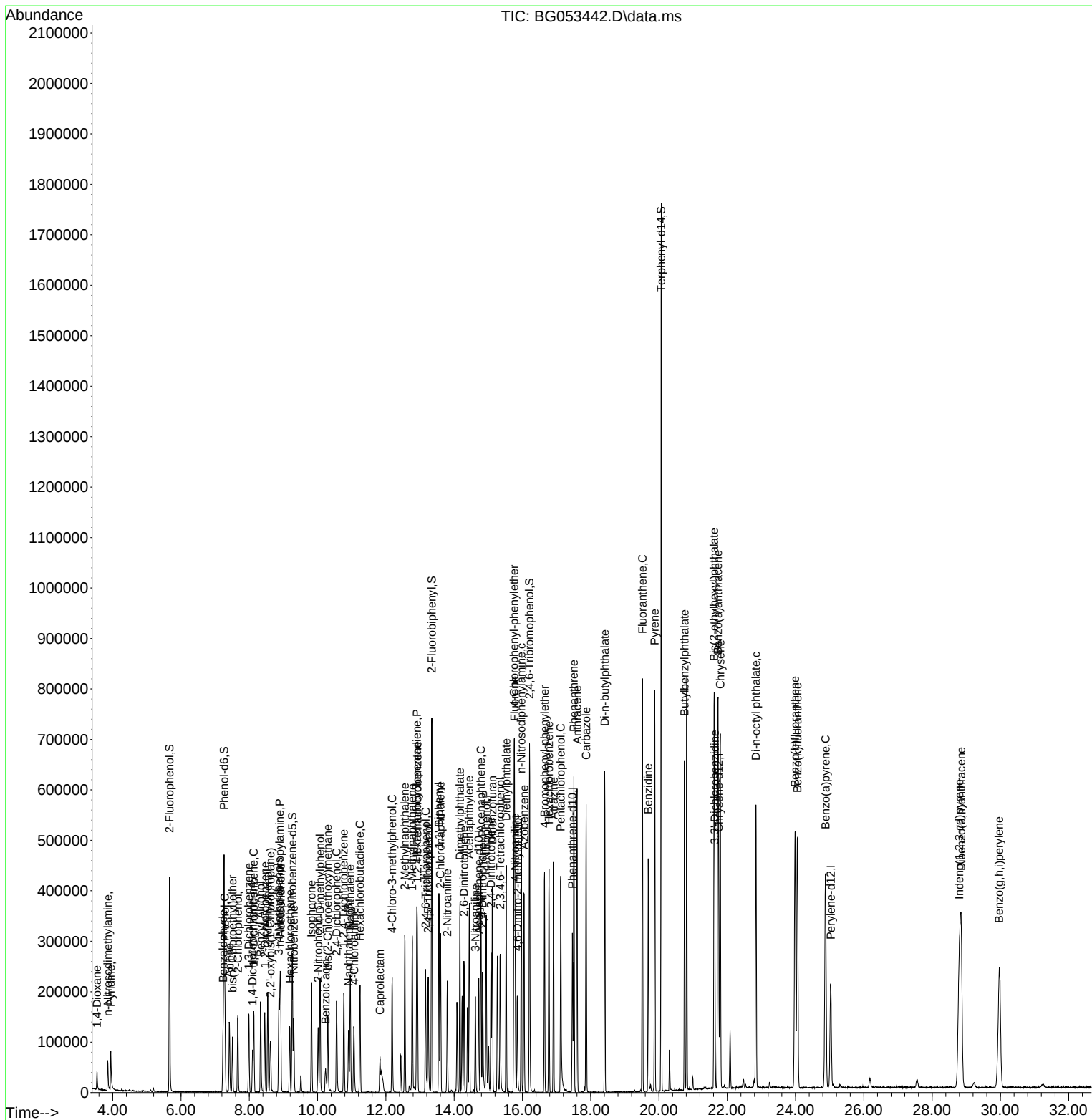
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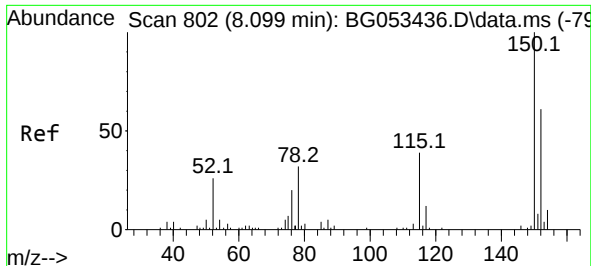
Quant Time: May 05 02:19:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.242	196	68731	38.957	ng	99
46) 1,1'-Biphenyl	13.553	154	204603	37.256	ng	97
47) 2-Chloronaphthalene	13.600	162	159781	37.135	ng	98
48) 2-Nitroaniline	13.800	65	63894	39.853	ng	99
49) Acenaphthylene	14.446	152	274444	39.972	ng	100
50) Dimethylphthalate	14.170	163	232650	38.000	ng	99
51) 2,6-Dinitrotoluene	14.288	165	50558	40.533	ng	98
52) Acenaphthene	14.787	154	156055	38.139	ng	99
53) 3-Nitroaniline	14.623	138	44256	32.838	ng	93
54) 2,4-Dinitrophenol	14.834	184	58432	74.284	ng	95
55) Dibenzofuran	15.122	168	269010	36.602	ng	98
56) 4-Nitrophenol	14.940	139	81262	84.419	ng	89
57) 2,4-Dinitrotoluene	15.081	165	74404	41.153	ng	92
58) Fluorene	15.768	166	223147	37.835	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.351	232	69359	38.746	ng	99
60) Diethylphthalate	15.527	149	246736	39.015	ng	98
61) 4-Chlorophenyl-phenyle...	15.756	204	122927	37.351	ng	98
62) 4-Nitroaniline	15.786	138	54934	39.299	ng	95
63) Azobenzene	16.050	77	244150	37.701	ng	99
65) 4,6-Dinitro-2-methylph...	15.850	198	47136	39.682	ng	91
66) n-Nitrosodiphenylamine	15.968	169	205507	39.265	ng	99
67) 4-Bromophenyl-phenylether	16.649	248	90533	38.887	ng	96
68) Hexachlorobenzene	16.778	284	100380	39.369	ng	98
69) Atrazine	16.914	200	94665	42.964	ng	99
70) Pentachlorophenol	17.125	266	100009	73.251	ng	95
71) Phenanthrene	17.507	178	403834	39.840	ng	97
72) Anthracene	17.601	178	404048	40.554	ng	99
73) Carbazole	17.865	167	374819	38.386	ng	98
74) Di-n-butylphthalate	18.412	149	449647	40.945	ng	99
75) Fluoranthene	19.516	202	530797	40.443	ng	99
77) Benzidine	19.686	184	272656	60.642	ng	99
78) Pyrene	19.874	202	526728	39.006	ng	99
80) Butylbenzylphthalate	20.750	149	195444	39.469	ng	99
81) Benzo(a)anthracene	21.725	228	530470	39.870	ng	99
82) 3,3'-Dichlorobenzidine	21.637	252	144963	42.964	ng	97
83) Chrysene	21.795	228	480286	38.650	ng	99
84) Bis(2-ethylhexyl)phtha...	21.613	149	278463	40.743	ng	100
85) Di-n-octyl phthalate	22.841	149	473146	40.939	ng	99
87) Indeno(1,2,3-cd)pyrene	28.797	276	595434	39.066	ng	98
88) Benzo(b)fluoranthene	23.986	252	563651	43.514	ng	98
89) Benzo(k)fluoranthene	24.057	252	517757	40.676	ng	98
90) Benzo(a)pyrene	24.879	252	531219	48.182	ng	# 98
91) Dibenzo(a,h)anthracene	28.850	278	521684	41.538	ng	99
92) Benzo(g,h,i)perylene	29.966	276	519309	41.715	ng	96

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

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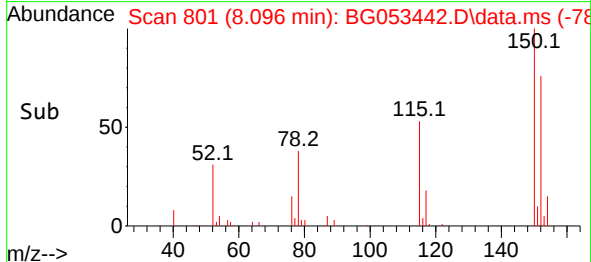
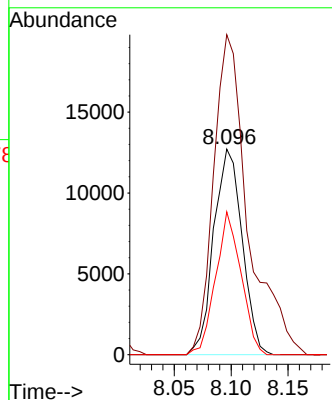
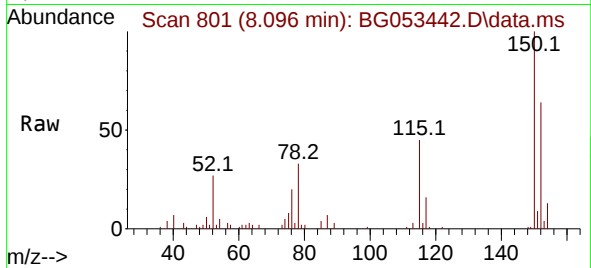




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.096 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

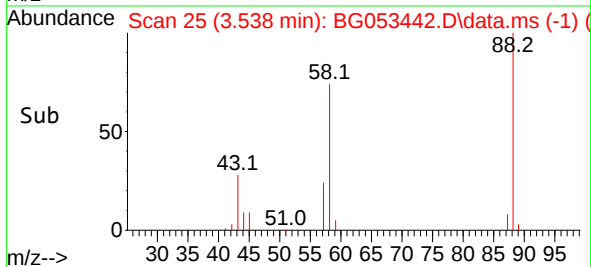
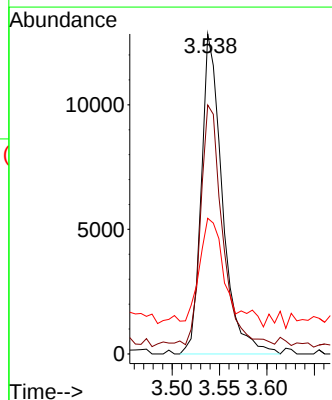
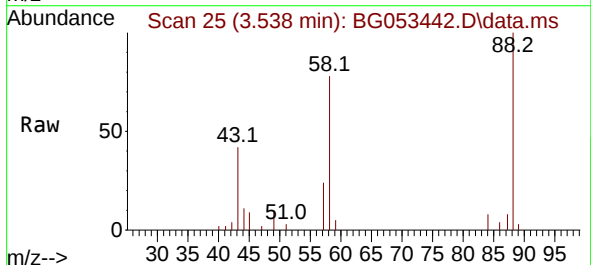
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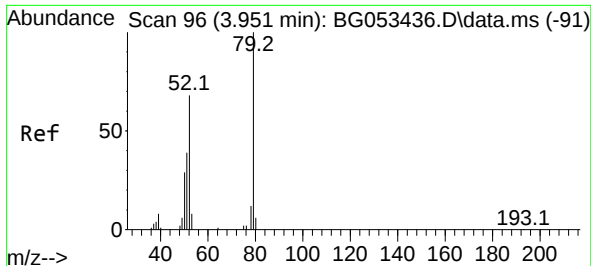
Tgt Ion:152 Resp: 22113
Ion Ratio Lower Upper
152 100
150 155.6 131.6 197.4
115 69.5 50.9 76.3



#2
1,4-Dioxane
Concen: 29.107 ng
RT: 3.538 min Scan# 25
Delta R.T. -0.009 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion: 88 Resp: 19899
Ion Ratio Lower Upper
88 100
58 75.5 59.2 88.8
43 42.2 24.3 36.5#

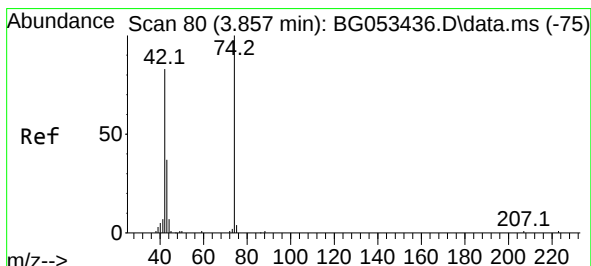
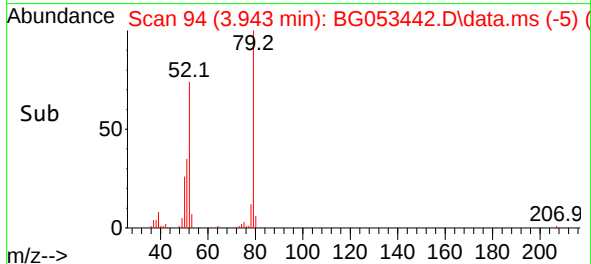
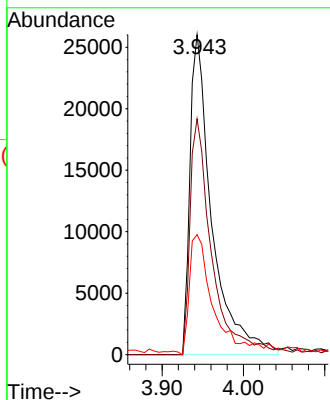
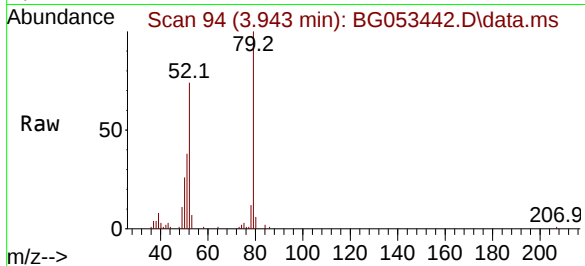




#3
Pyridine
Concen: 29.333 ng
RT: 3.943 min Scan# 94
Delta R.T. -0.008 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

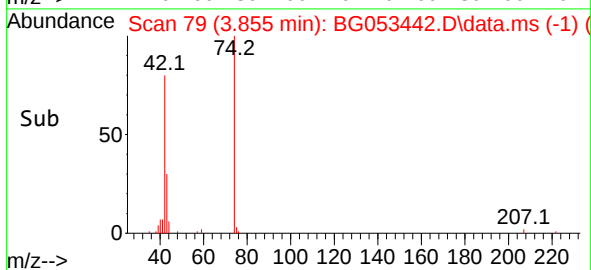
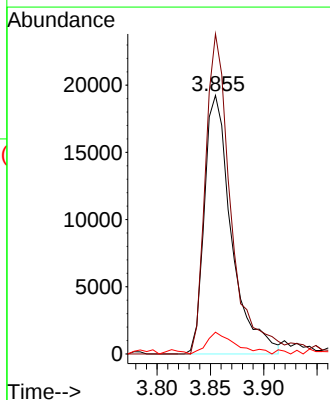
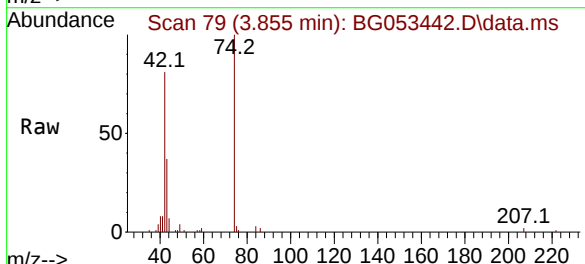
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ClientSampleId :
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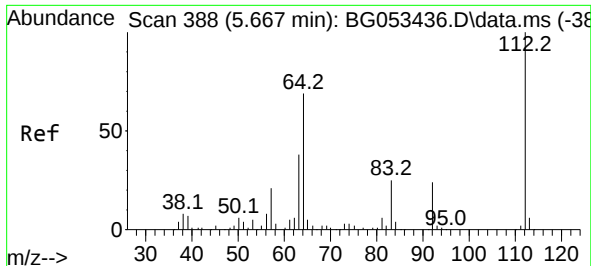
Tgt Ion: 79 Resp: 48974
Ion Ratio Lower Upper
79 100
52 73.7 54.6 81.8
51 37.5 32.5 48.7



#4
n-Nitrosodimethylamine
Concen: 41.734 ng
RT: 3.855 min Scan# 79
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion: 42 Resp: 33942
Ion Ratio Lower Upper
42 100
74 123.8 97.0 145.4
44 8.4 7.0 10.4

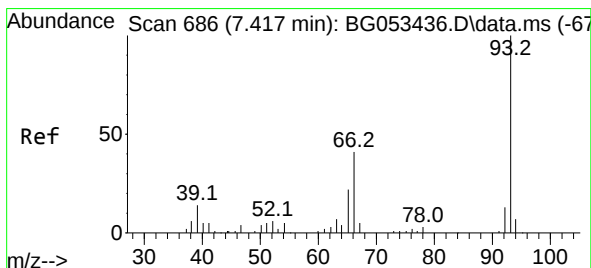
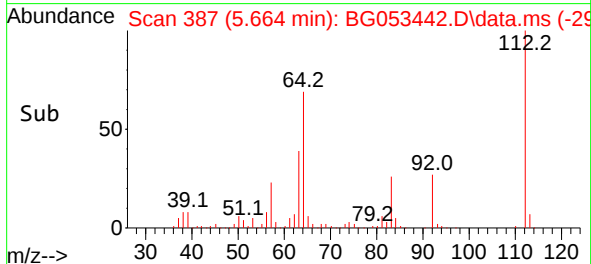
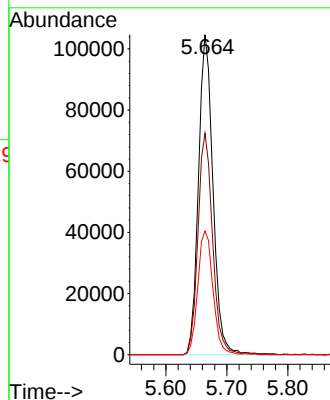
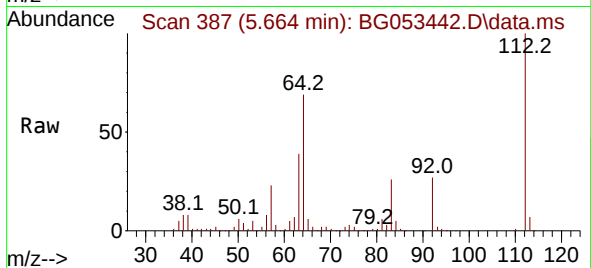




#5
2-Fluorophenol
Concen: 133.074 ng
RT: 5.664 min Scan# 387
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

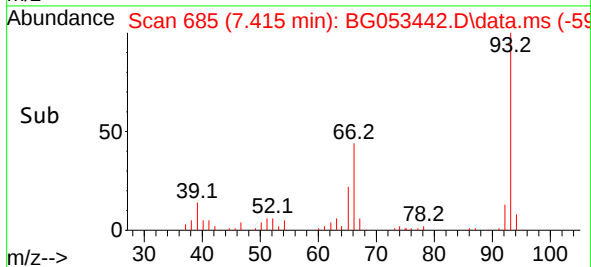
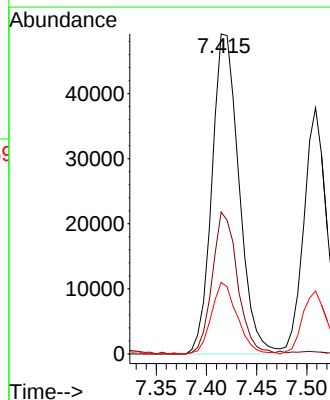
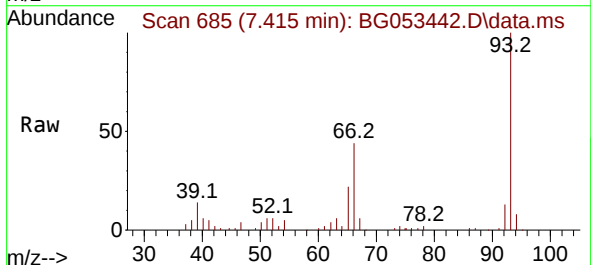
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Tgt Ion:112 Resp: 173390
Ion Ratio Lower Upper
112 100
64 69.2 55.1 82.7
63 38.6 30.4 45.6



#6
Aniline
Concen: 42.189 ng
RT: 7.415 min Scan# 685
Delta R.T. -0.002 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion: 93 Resp: 92401
Ion Ratio Lower Upper
93 100
66 44.3 32.9 49.3
65 22.4 17.8 26.8

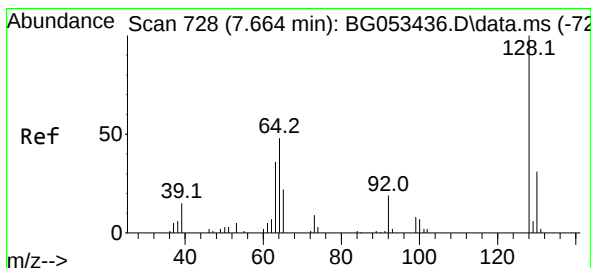
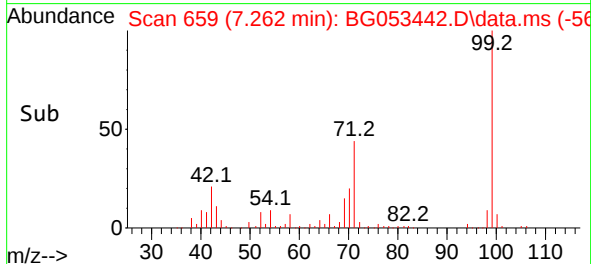
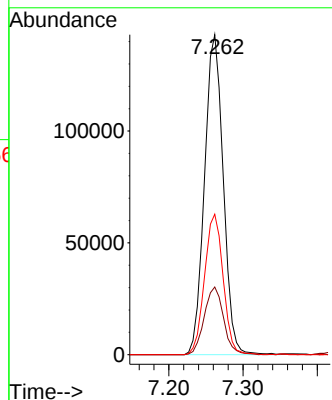
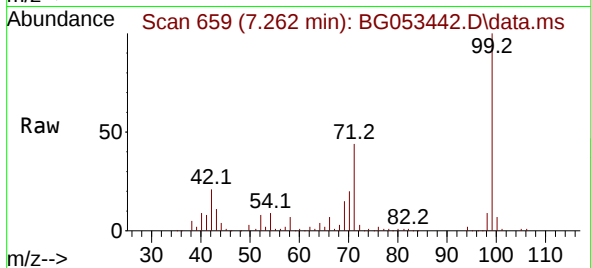




#7
Phenol-d6
Concen: 127.054 ng
RT: 7.262 min Scan# 659
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

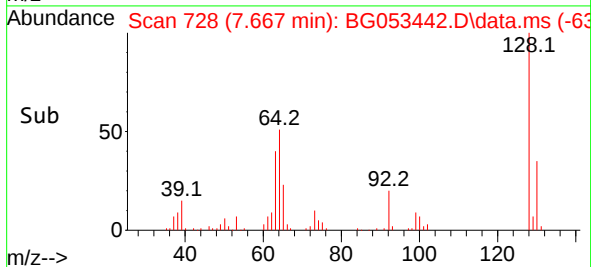
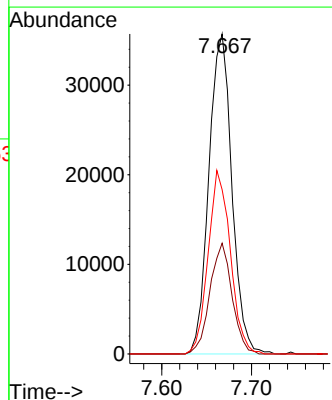
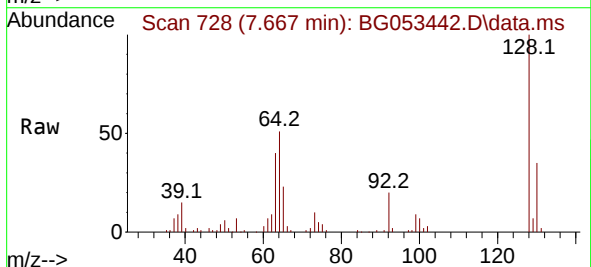
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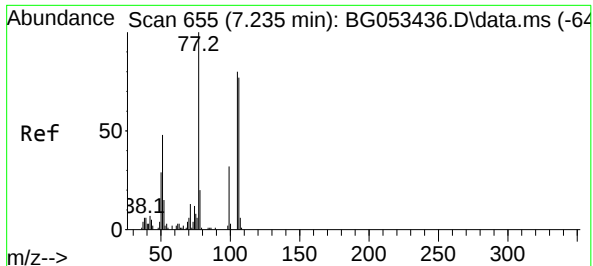
Tgt Ion: 99 Resp: 251243
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 43.9 33.8 50.8



#8
2-Chlorophenol
Concen: 46.551 ng
RT: 7.667 min Scan# 728
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:128 Resp: 63408
Ion Ratio Lower Upper
128 100
130 34.6 10.5 50.5
64 51.4 35.1 75.1

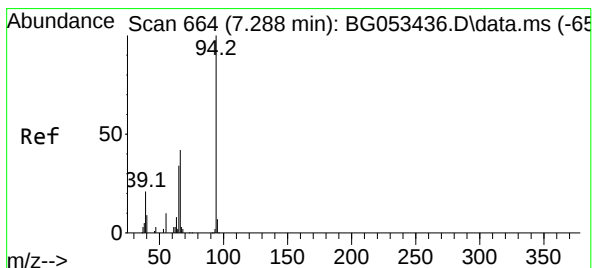
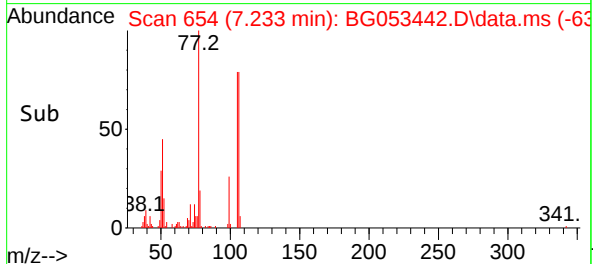
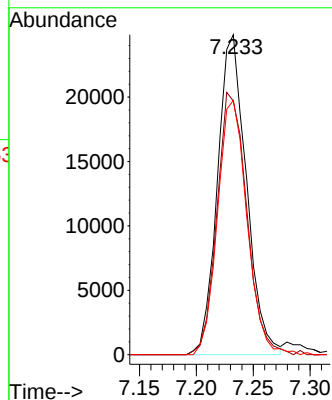
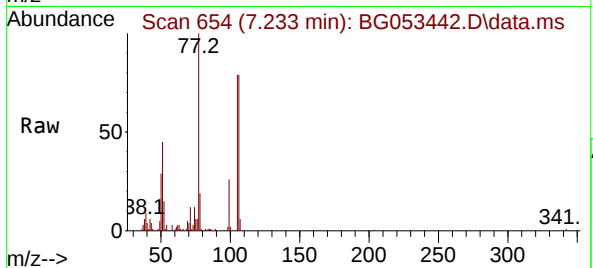




#9
Benzaldehyde
Concen: 34.939 ng
RT: 7.233 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

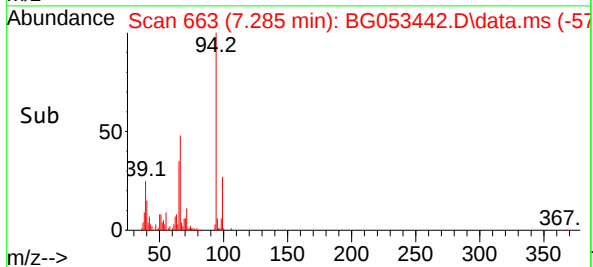
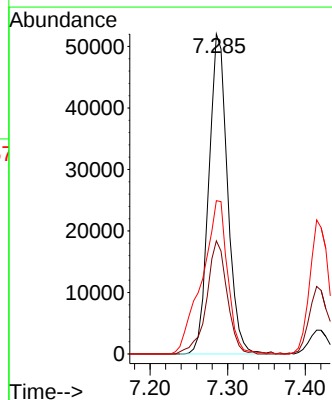
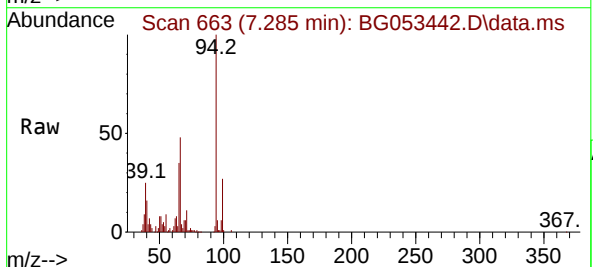
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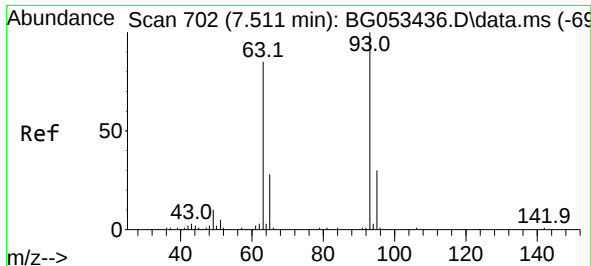
Tgt Ion: 77 Resp: 43892
Ion Ratio Lower Upper
77 100
105 79.3 59.6 99.6
106 79.4 56.8 96.8



#10
Phenol
Concen: 45.121 ng
RT: 7.285 min Scan# 663
Delta R.T. -0.003 min
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Tgt Ion: 94 Resp: 87264
Ion Ratio Lower Upper
94 100
65 35.3 14.8 54.8
66 47.9 25.2 65.2

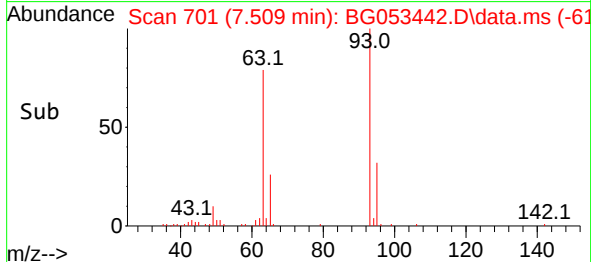
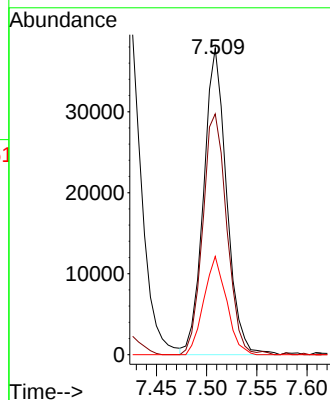
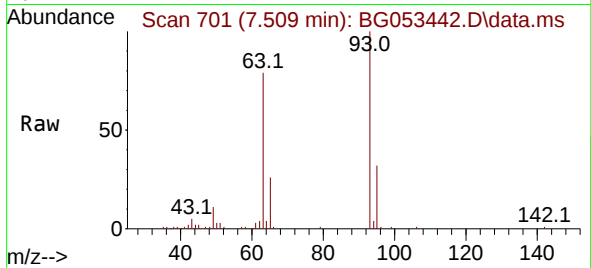




#11
bis(2-Chloroethyl)ether
Concen: 41.944 ng
RT: 7.509 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

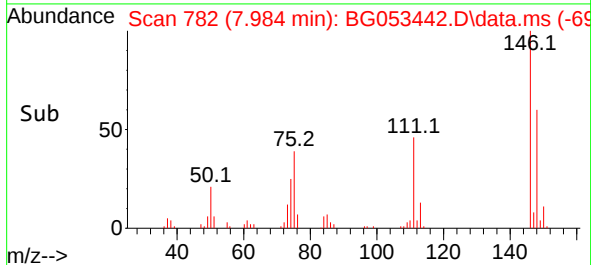
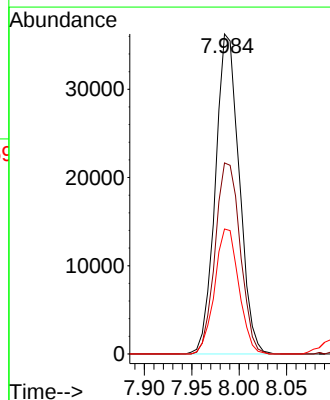
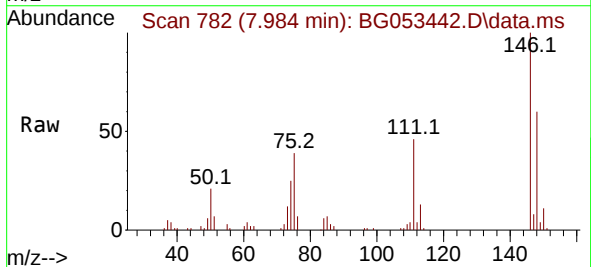
Instrument :
BNA_G
ClientSampleId :
PB144564BS

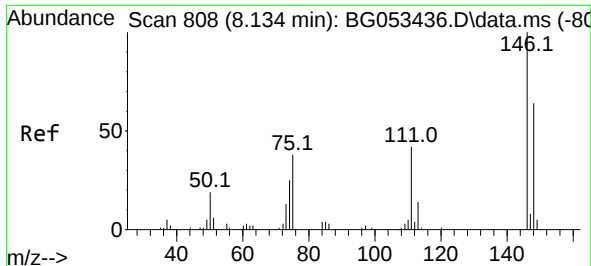
Tgt Ion: 93 Resp: 60500
Ion Ratio Lower Upper
93 100
63 78.6 63.6 103.6
95 32.1 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 39.555 ng
RT: 7.984 min Scan# 782
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion: 146 Resp: 63561
Ion Ratio Lower Upper
146 100
148 59.7 46.1 69.1
75 39.0 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.120 ng

RT: 8.131 min Scan# 80

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

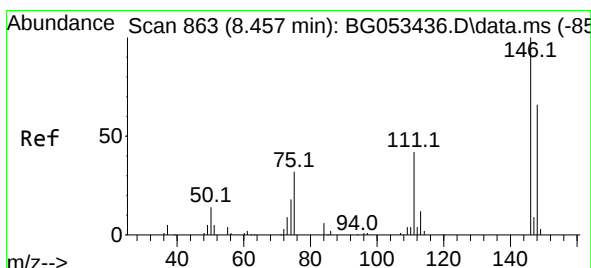
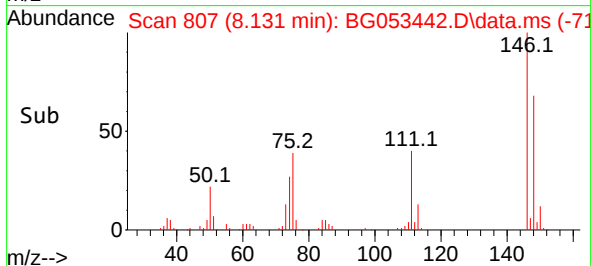
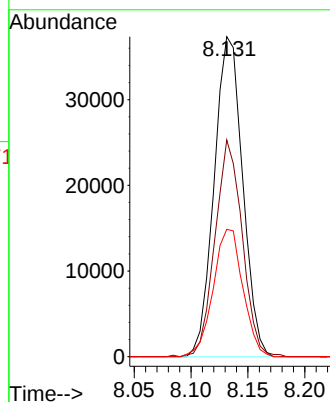
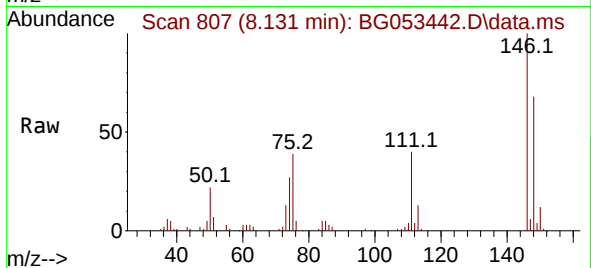
Tgt Ion:146 Resp: 65057

Ion Ratio Lower Upper

146 100

148 67.8 51.5 77.3

111 39.8 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 42.087 ng

RT: 8.454 min Scan# 862

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

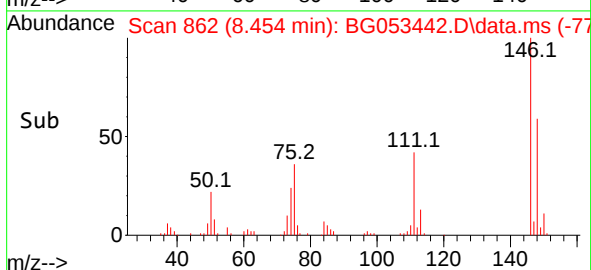
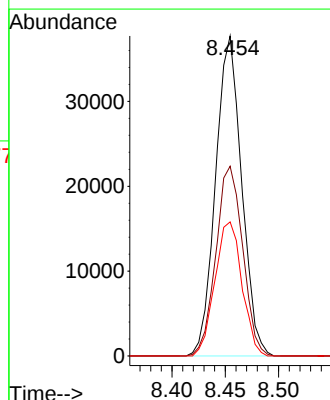
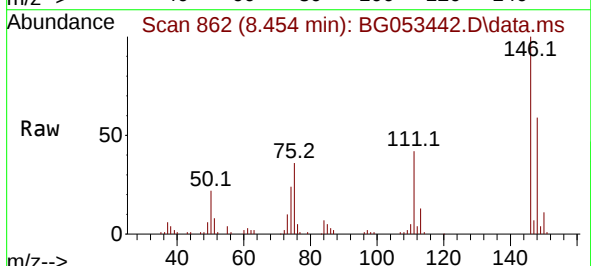
Tgt Ion:146 Resp: 64086

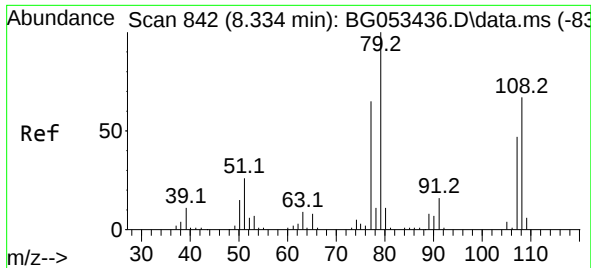
Ion Ratio Lower Upper

146 100

148 59.3 52.6 78.8

111 41.9 34.5 51.7

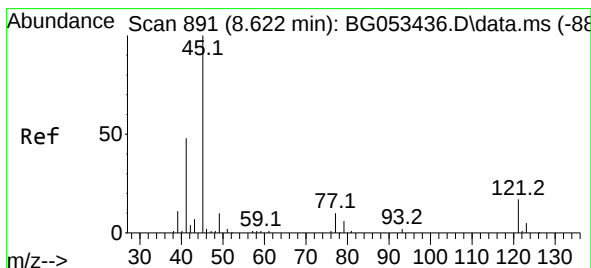
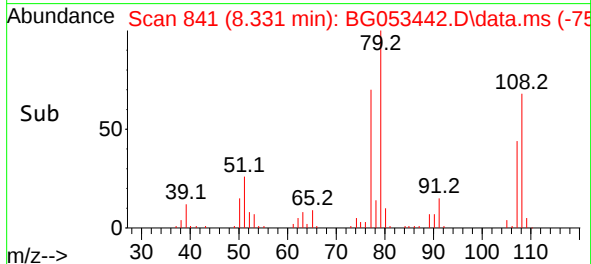
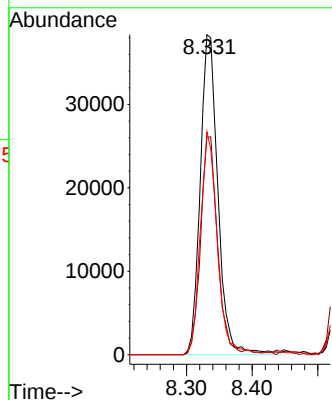
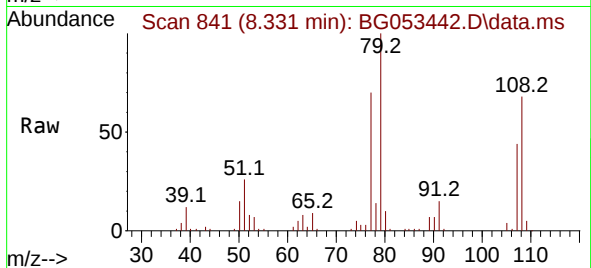




#15
Benzyl Alcohol
Concen: 43.569 ng
RT: 8.331 min Scan# 841
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

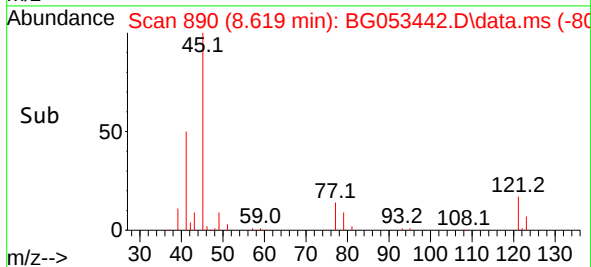
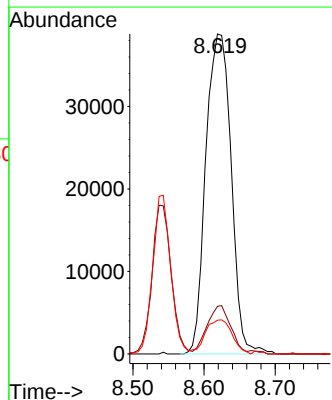
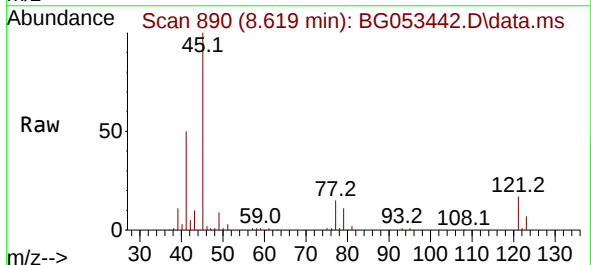
Instrument :
BNA_G
ClientSampleId :
PB144564BS

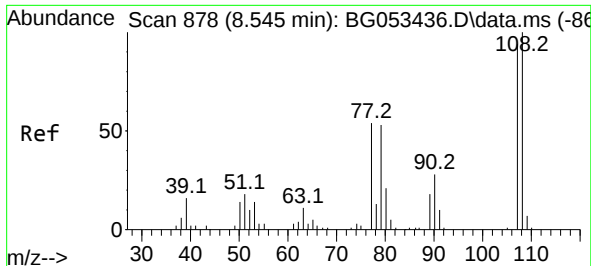
Tgt Ion: 79 Resp: 72029
Ion Ratio Lower Upper
79 100
108 68.0 53.7 80.5
77 69.7 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.953 ng
RT: 8.619 min Scan# 890
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion: 45 Resp: 96140
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.7
79 10.5 0.0 29.7

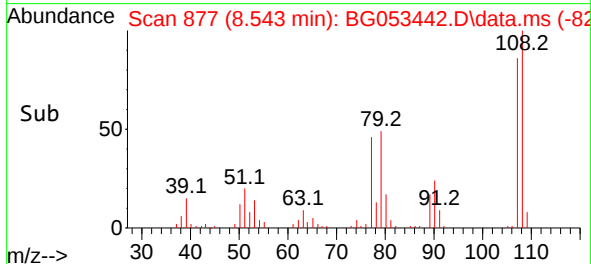
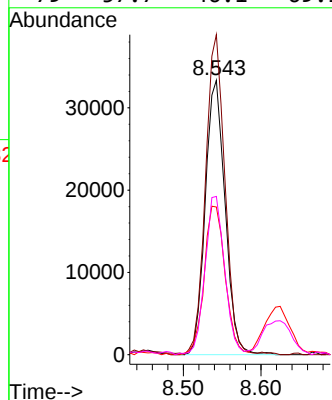
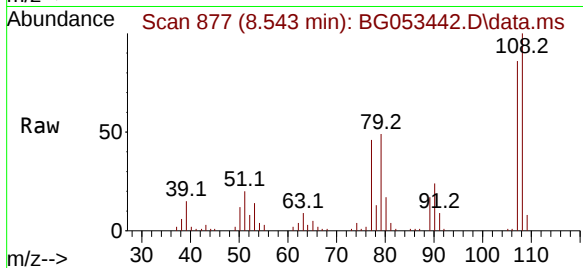




#17
2-Methylphenol
Concen: 45.377 ng
RT: 8.543 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

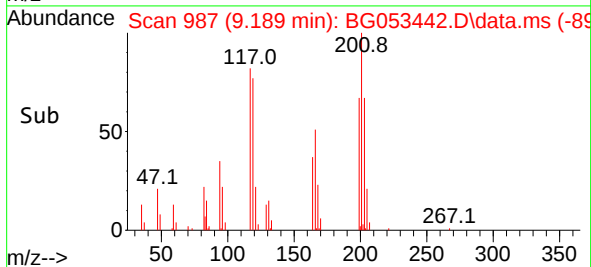
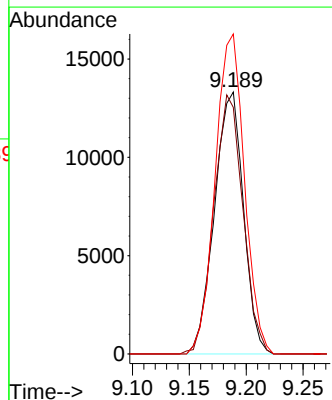
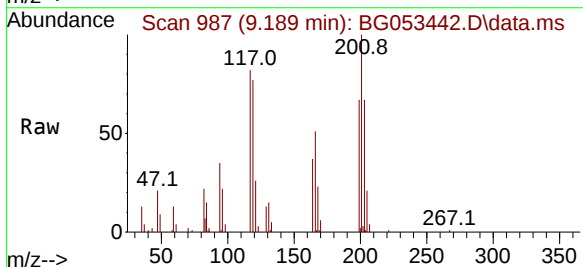
Instrument :
BNA_G
ClientSampleId :
PB144564BS

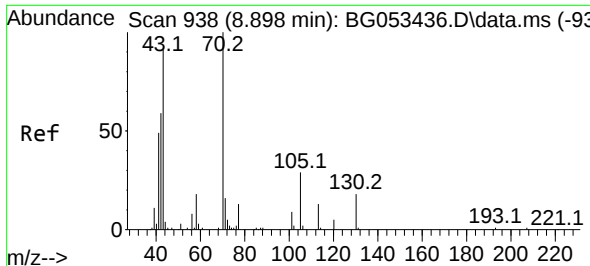
Tgt Ion:	107	Resp:	59316
Ion	Ratio	Lower	Upper
107	100		
108	116.6	85.4	128.0
77	53.8	46.2	69.2
79	57.7	46.1	69.1



#18
Hexachloroethane
Concen: 38.273 ng
RT: 9.189 min Scan# 987
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:	117	Resp:	23568
Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.0	112.6
201	122.2	89.0	133.6

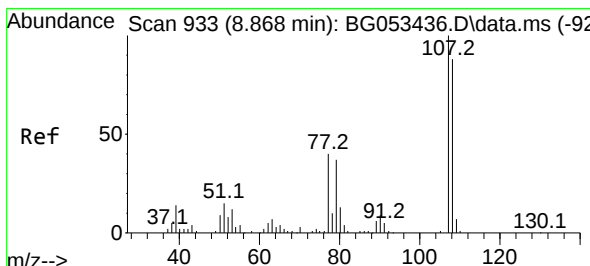
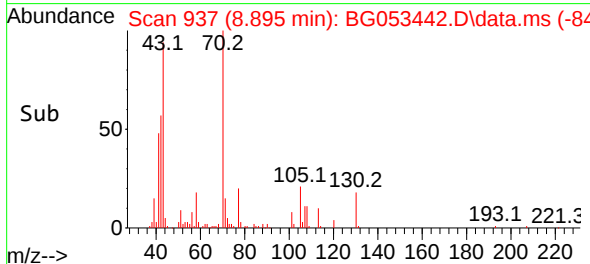
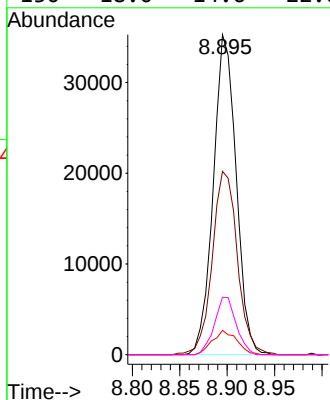
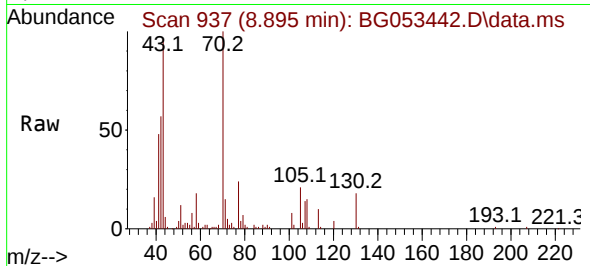




#19
n-Nitroso-di-n-propylamine
Concen: 41.737 ng
RT: 8.895 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

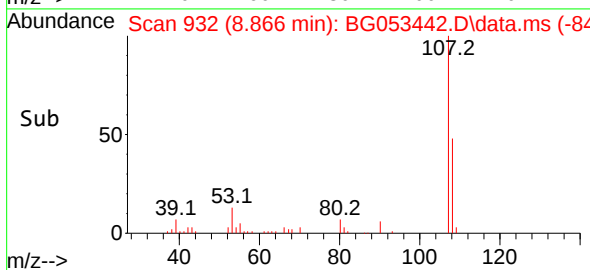
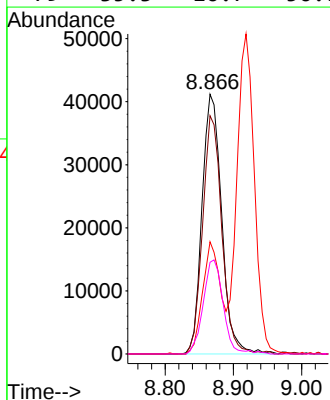
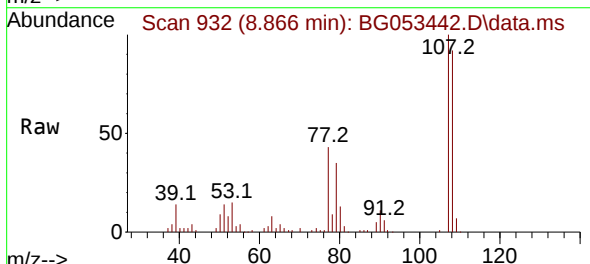
Instrument :
BNA_G
ClientSampleId :
PB144564BS

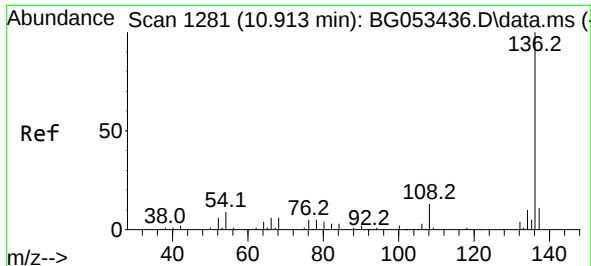
Tgt Ion: 70 Resp: 59216
Ion Ratio Lower Upper
70 100
42 57.3 47.3 70.9
101 7.6 7.0 10.4
130 18.0 14.6 22.0



#20
3+4-Methylphenols
Concen: 44.694 ng
RT: 8.866 min Scan# 932
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion: 107 Resp: 82511
Ion Ratio Lower Upper
107 100
108 91.8 67.5 107.5
77 43.2 20.3 60.3
79 35.3 16.7 56.7





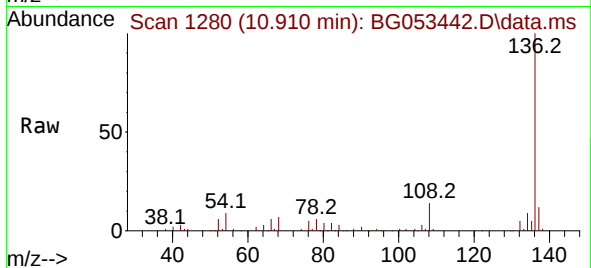
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Instrument :

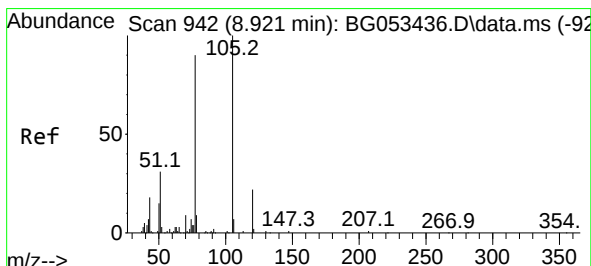
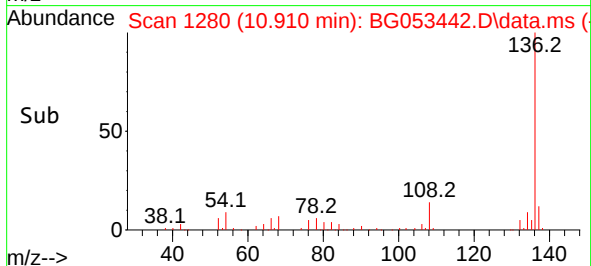
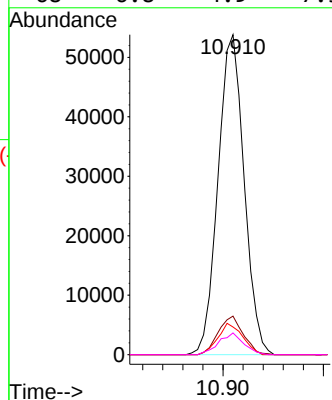
BNA_G

ClientSampleId :

PB144564BS

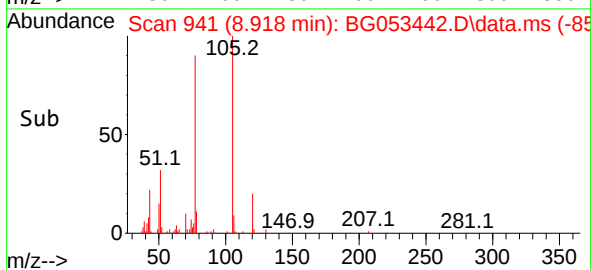
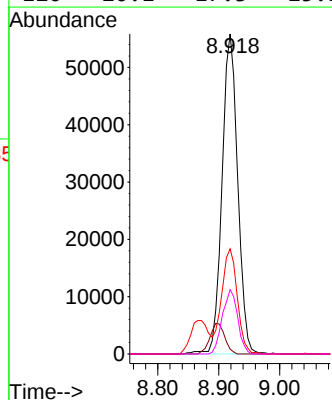
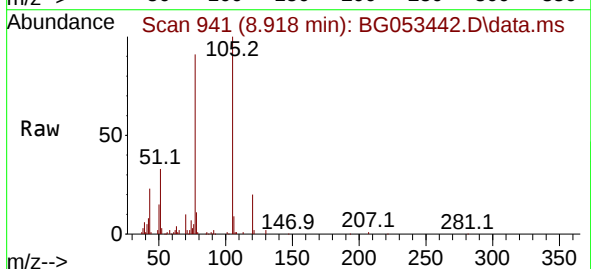


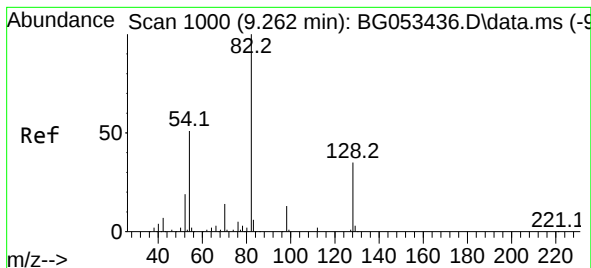
Tgt Ion:136 Resp: 96884
Ion Ratio Lower Upper
136 100
137 12.0 8.5 12.7
54 8.7 7.4 11.2
68 6.8 4.9 7.3



#22
Acetophenone
Concen: 37.584 ng
RT: 8.918 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:105 Resp: 99656
Ion Ratio Lower Upper
105 100
71 1.5 1.1 1.7
51 32.8 25.4 38.0
120 20.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 76.444 ng

RT: 9.259 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

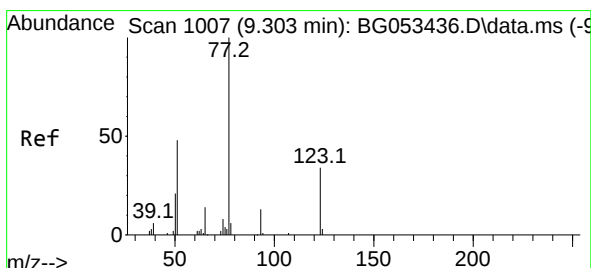
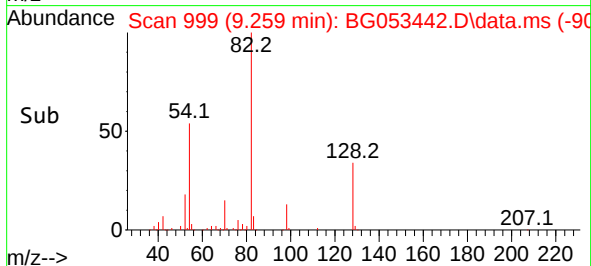
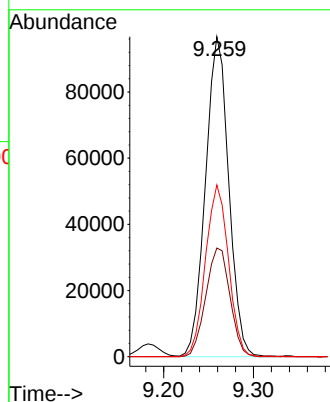
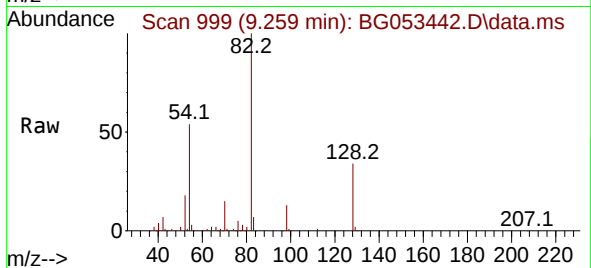
Tgt Ion: 82 Resp: 173983

Ion Ratio Lower Upper

82 100

128 33.9 27.9 41.9

54 53.7 41.2 61.8



#24

Nitrobenzene

Concen: 40.954 ng

RT: 9.300 min Scan# 1006

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

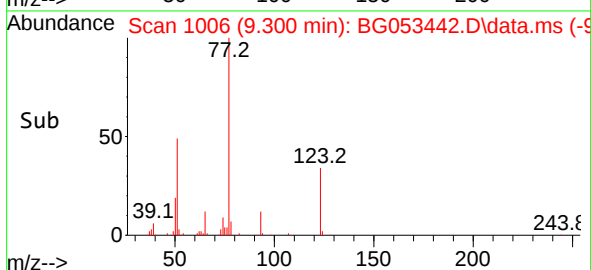
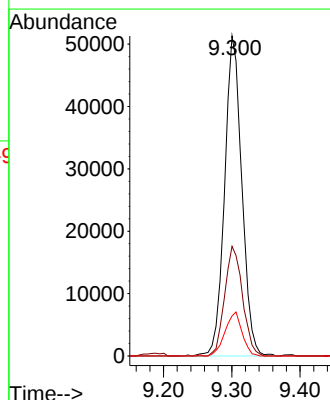
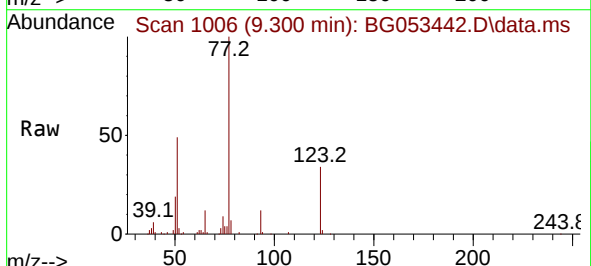
Tgt Ion: 77 Resp: 90215

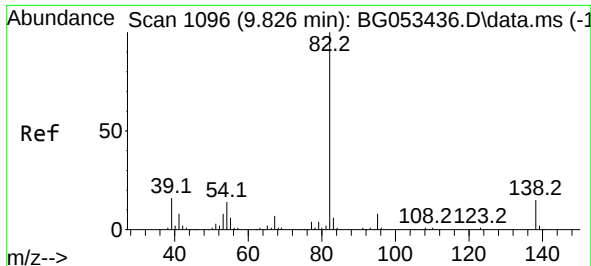
Ion Ratio Lower Upper

77 100

123 34.3 27.4 41.0

65 12.5 11.4 17.0

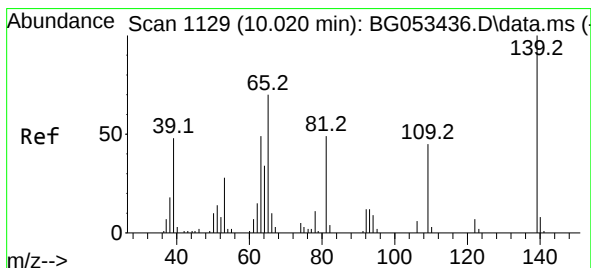
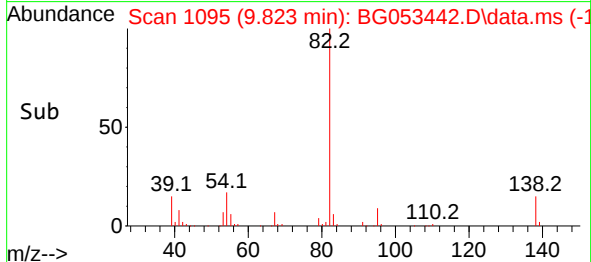
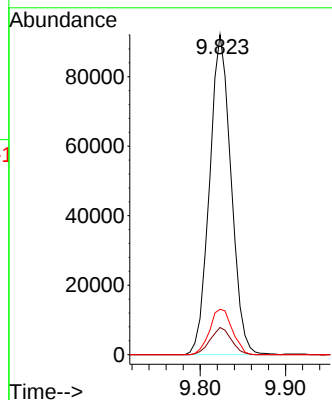
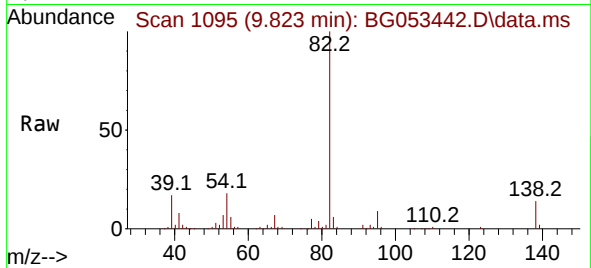




#25
Isophorone
Concen: 42.173 ng
RT: 9.823 min Scan# 1095
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

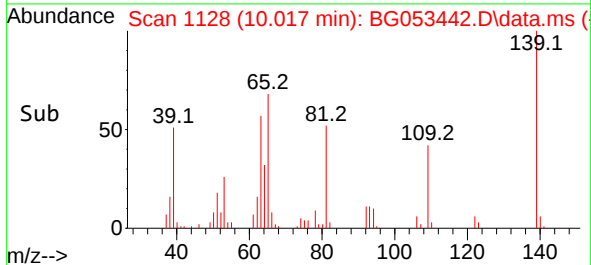
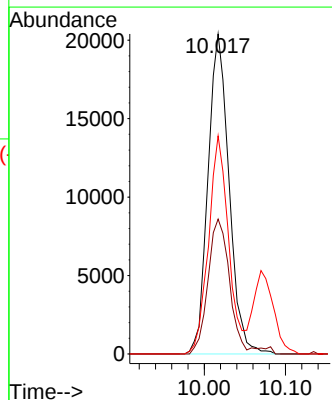
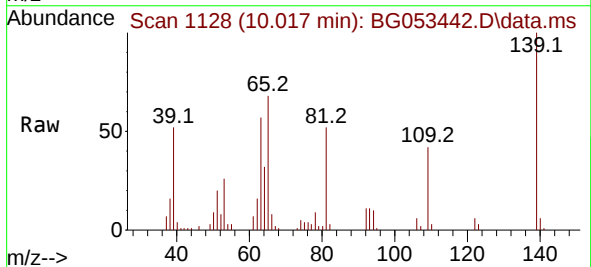
Instrument :
BNA_G
ClientSampleId :
PB144564BS

Tgt Ion: 82 Resp: 161537
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.4
138 14.2 11.6 17.4



#26
2-Nitrophenol
Concen: 41.186 ng
RT: 10.017 min Scan# 1128
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion: 139 Resp: 36746
Ion Ratio Lower Upper
139 100
109 42.2 36.1 54.1
65 68.1 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 47.531 ng

RT: 10.076 min Scan# 1138

Delta R.T. 0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

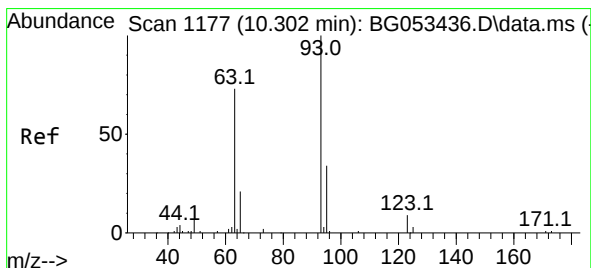
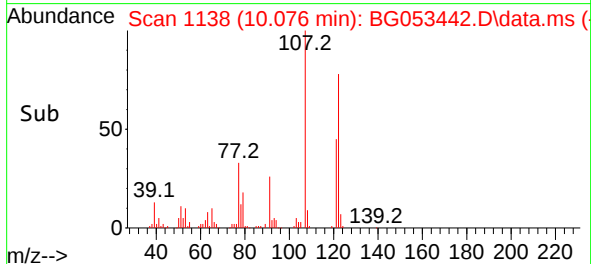
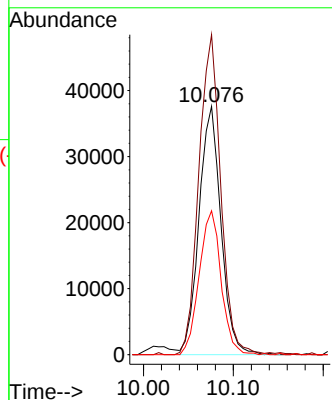
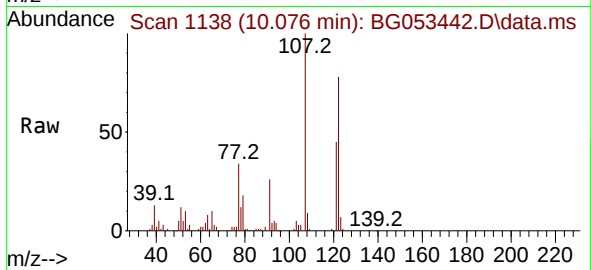
Tgt Ion:122 Resp: 63820

Ion Ratio Lower Upper

122 100

107 128.9 109.4 164.0

121 57.9 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.977 ng

RT: 10.299 min Scan# 1176

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

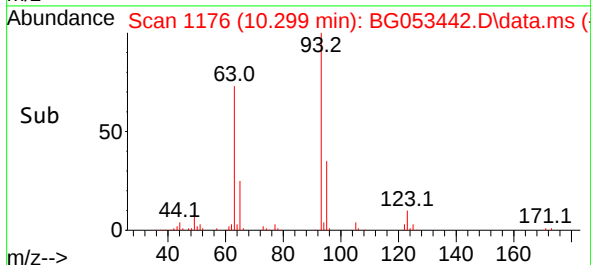
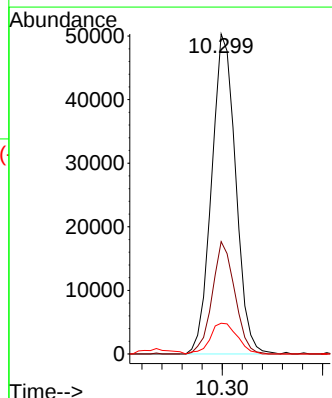
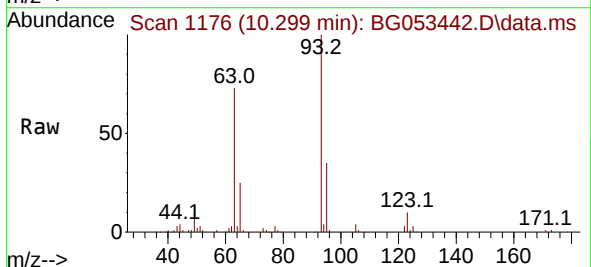
Tgt Ion: 93 Resp: 83661

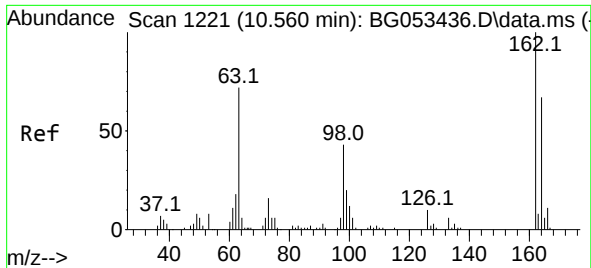
Ion Ratio Lower Upper

93 100

95 35.1 26.9 40.3

123 9.6 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 42.665 ng

RT: 10.557 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

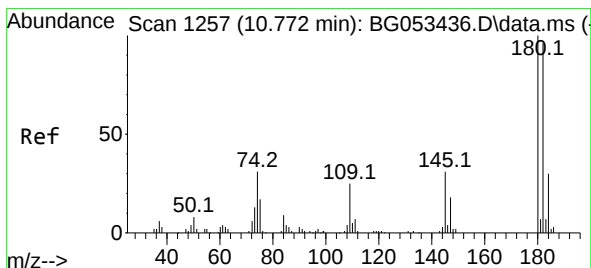
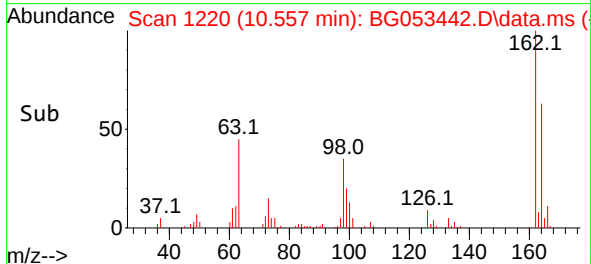
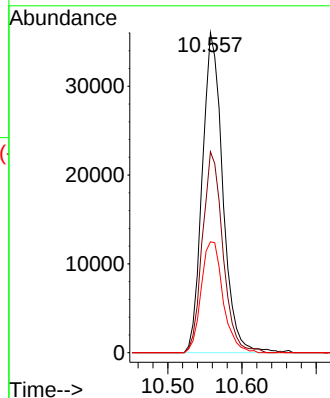
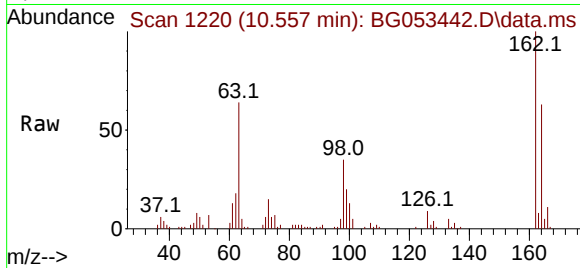
Tgt Ion:162 Resp: 69138

Ion Ratio Lower Upper

162 100

164 62.8 46.6 86.6

98 34.7 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 38.242 ng

RT: 10.769 min Scan# 1256

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

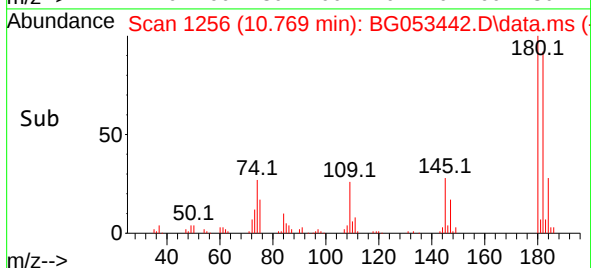
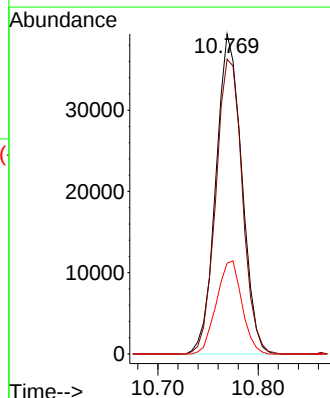
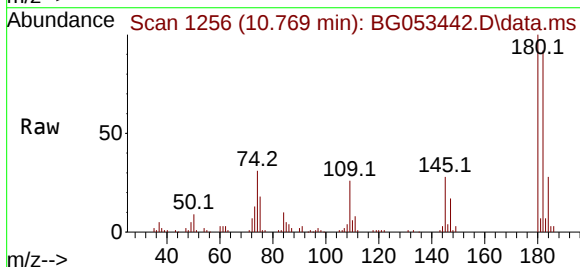
Tgt Ion:180 Resp: 70410

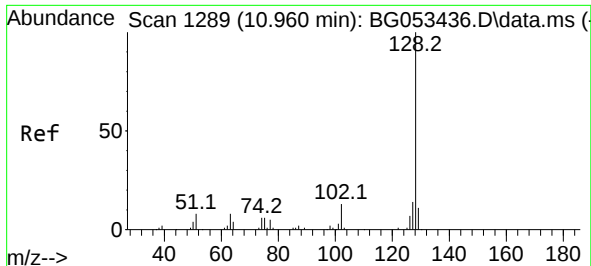
Ion Ratio Lower Upper

180 100

182 92.1 76.6 115.0

145 28.4 25.0 37.4

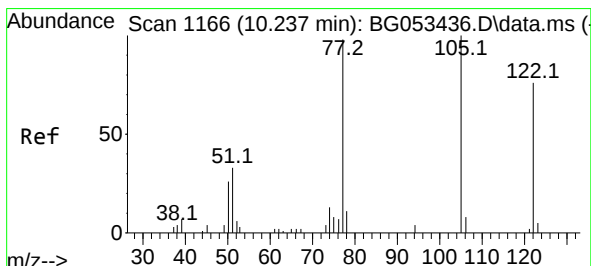
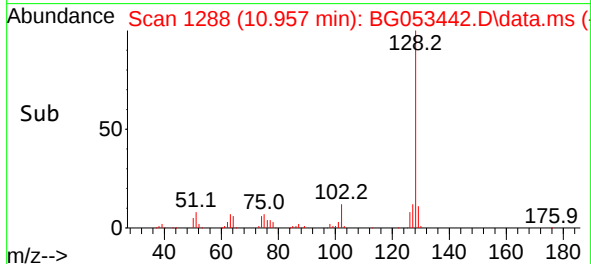
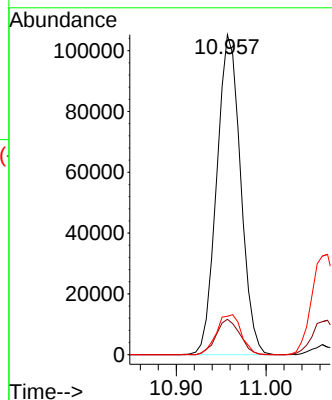
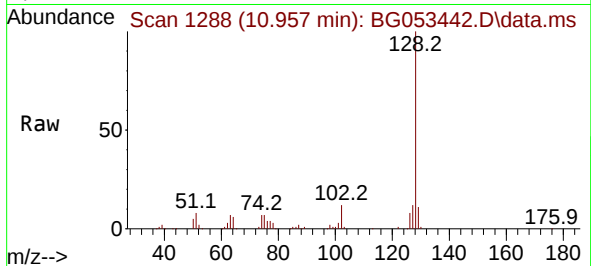




#31
Naphthalene
Concen: 39.428 ng
RT: 10.957 min Scan# 1165
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

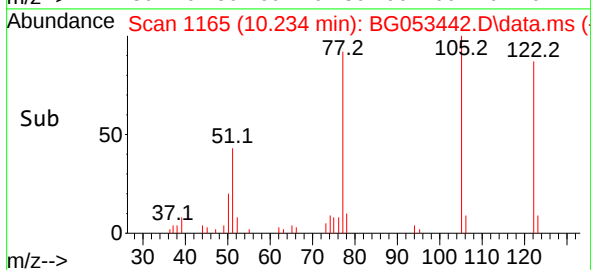
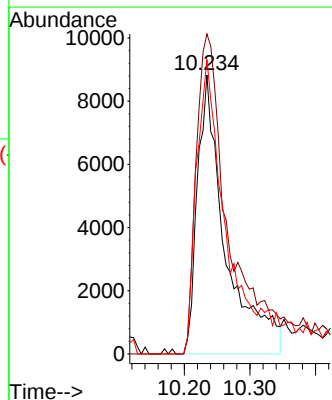
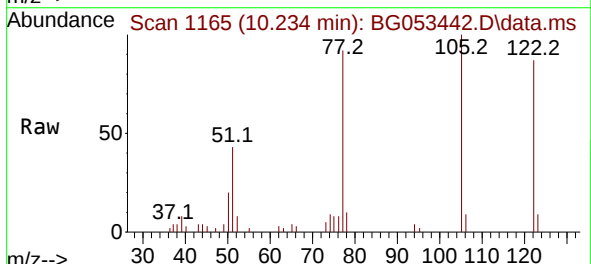
Instrument :
BNA_G
ClientSampleId :
PB144564BS

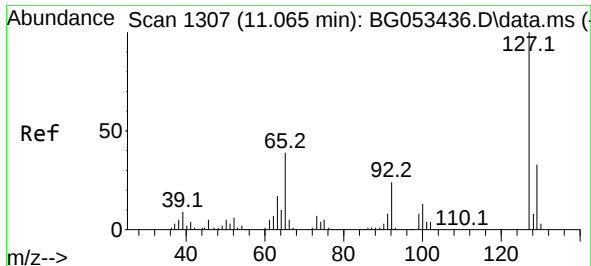
Tgt Ion:128 Resp: 194310
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.0 11.1 16.7



#32
Benzoic acid
Concen: 34.317 ng
RT: 10.234 min Scan# 1165
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:122 Resp: 26336
Ion Ratio Lower Upper
122 100
105 114.7 111.8 151.8
77 105.6 109.4 149.4#

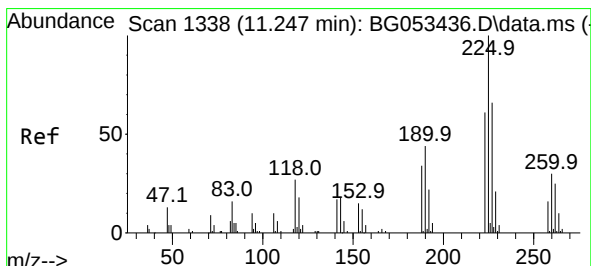
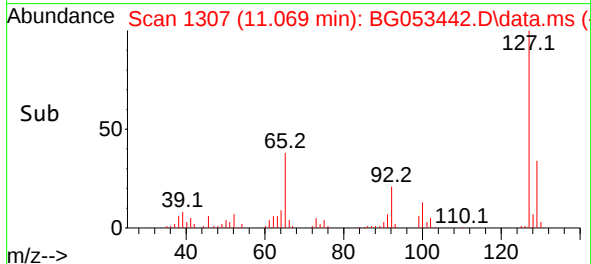
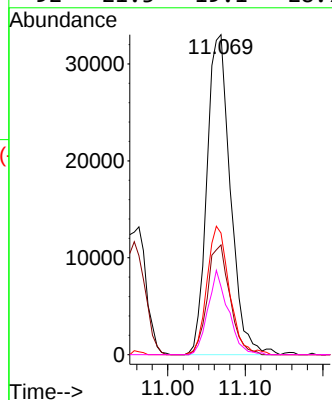
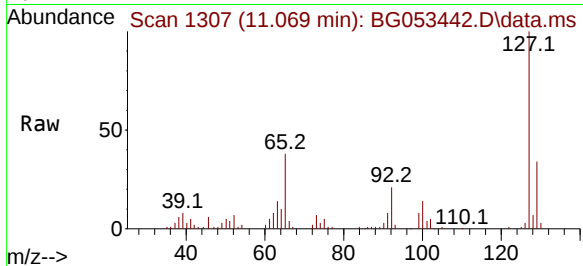




#33
4-Chloroaniline
Concen: 33.654 ng
RT: 11.069 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

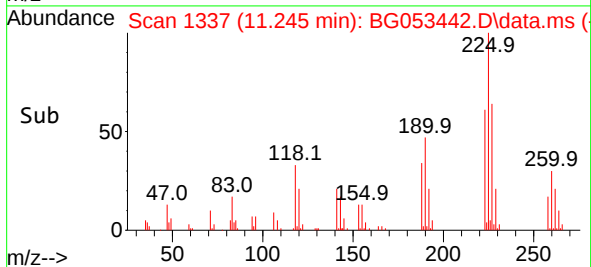
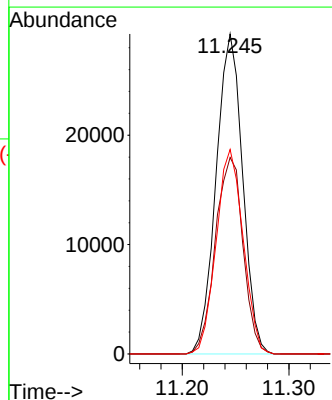
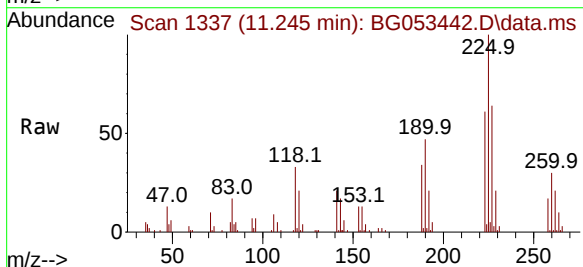
Instrument :
BNA_G
ClientSampleId :
PB144564BS

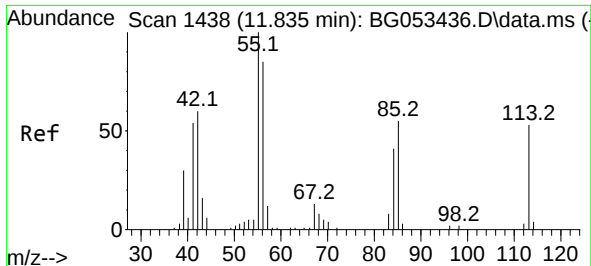
Tgt Ion:	127	Resp:	69460
Ion	Ratio	Lower	Upper
127	100		
129	34.3	26.3	39.5
65	38.0	31.1	46.7
92	21.3	19.1	28.7



#34
Hexachlorobutadiene
Concen: 37.042 ng
RT: 11.245 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:	225	Resp:	50573
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.9	73.3
227	63.9	52.8	79.2

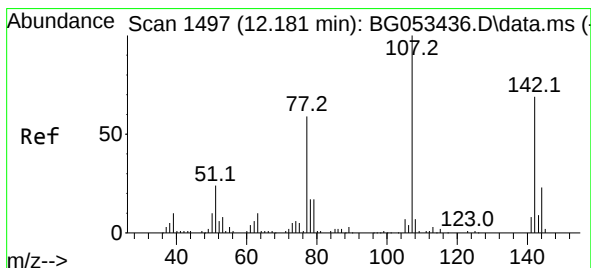
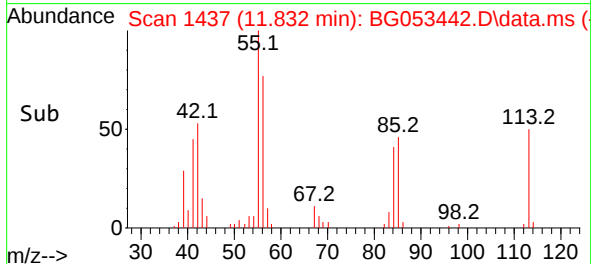
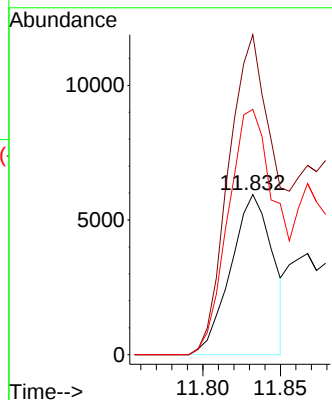
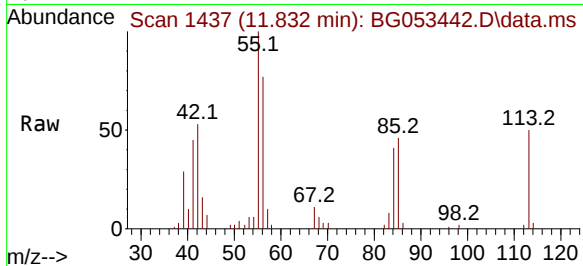




#35
 Caprolactam
 Concen: 18.949 ng
 RT: 11.832 min Scan# 1437
 Delta R.T. -0.003 min
 Lab File: BG053442.D
 Acq: 5 May 2022 1:21

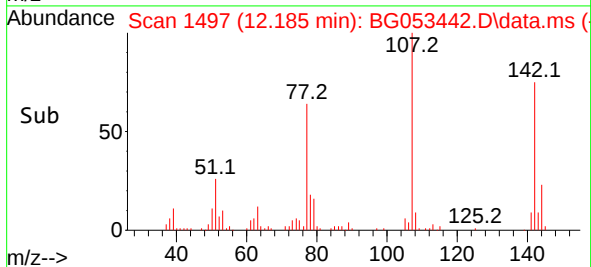
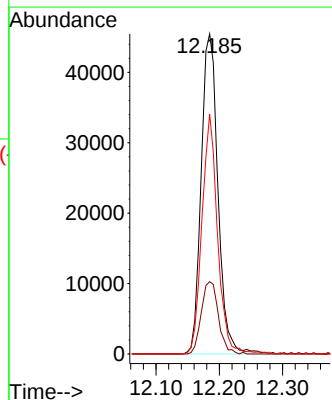
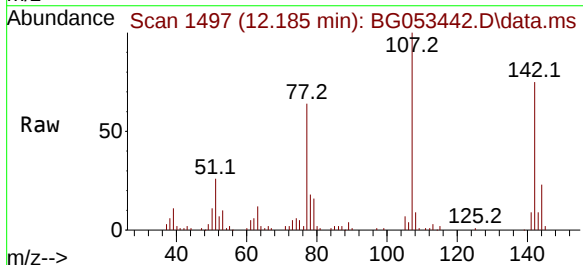
Instrument :
 BNA_G
 ClientSampleId :
 PB144564BS

Tgt Ion:113 Resp: 11159
 Ion Ratio Lower Upper
 113 100
 55 199.7 169.8 209.8
 56 153.1 141.2 181.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.234 ng
 RT: 12.185 min Scan# 1497
 Delta R.T. 0.003 min
 Lab File: BG053442.D
 Acq: 5 May 2022 1:21

Tgt Ion:107 Resp: 83804
 Ion Ratio Lower Upper
 107 100
 144 22.6 18.5 27.7
 142 75.0 55.0 82.4

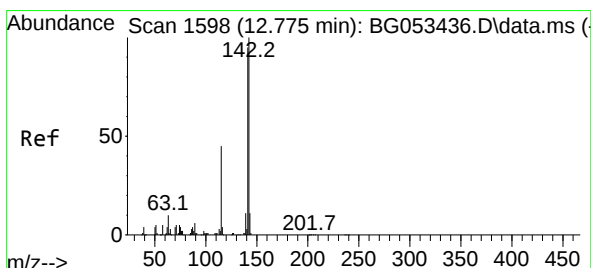
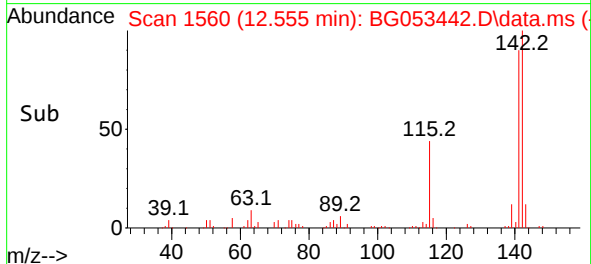
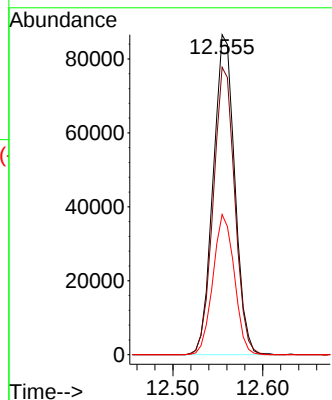
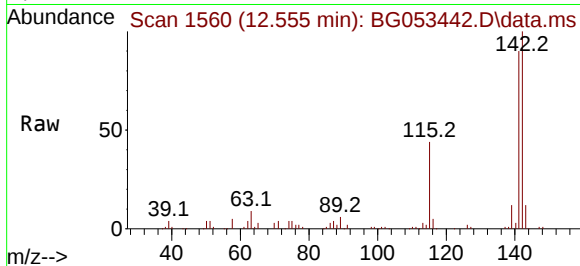




#37
2-Methylnaphthalene
Concen: 39.266 ng
RT: 12.555 min Scan# 1561
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

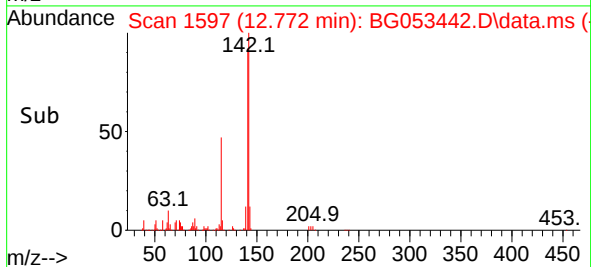
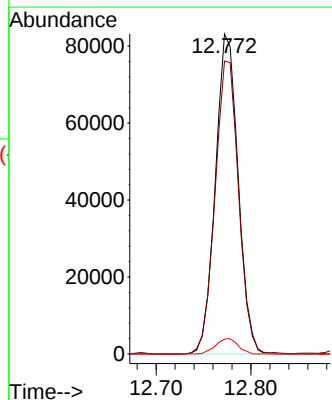
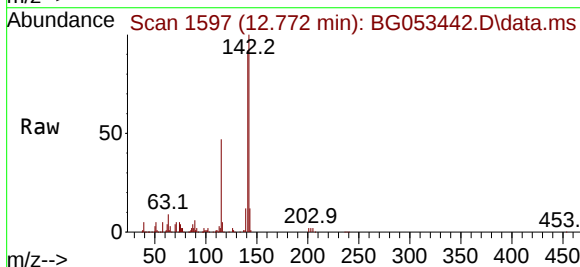
Instrument :
BNA_G
ClientSampleId :
PB144564BS

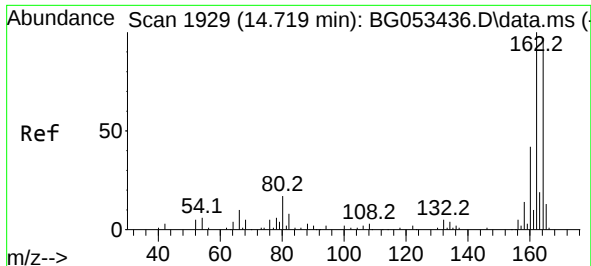
Tgt Ion:142 Resp: 144415
Ion Ratio Lower Upper
142 100
141 89.8 72.3 108.5
115 43.8 33.7 50.5



#38
1-Methylnaphthalene
Concen: 38.689 ng
RT: 12.772 min Scan# 1597
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:142 Resp: 138830
Ion Ratio Lower Upper
142 100
141 91.5 76.4 114.6
116 4.6 3.3 4.9

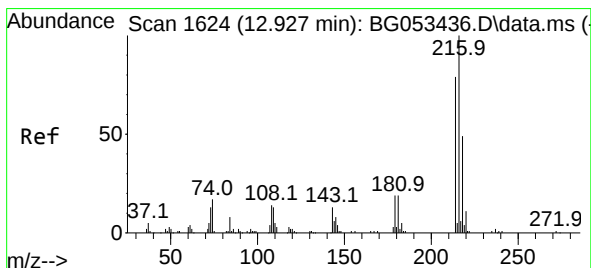
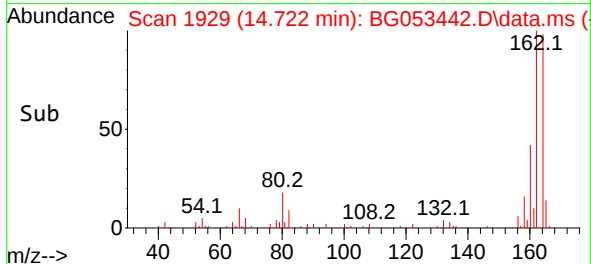
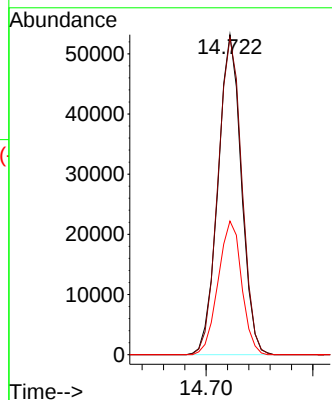
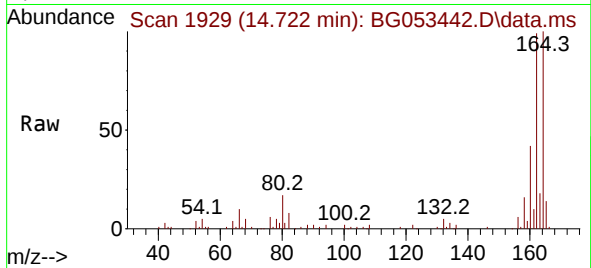




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1929
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

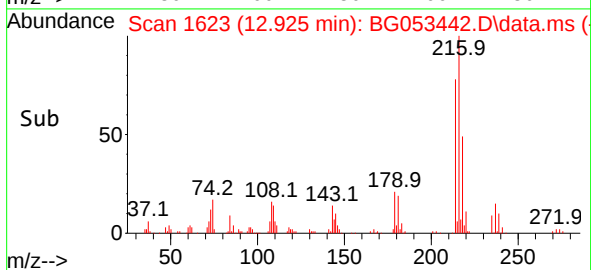
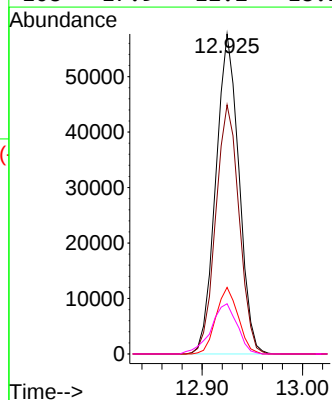
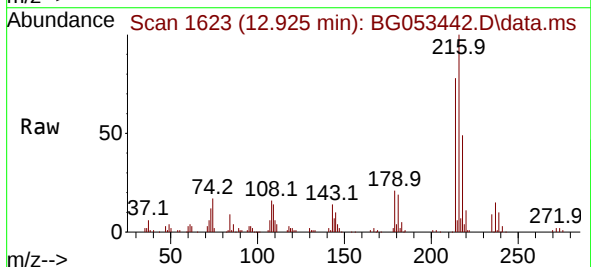
Instrument :
BNA_G
ClientSampleId :
PB144564BS

Tgt Ion:164 Resp: 80567
Ion Ratio Lower Upper
164 100
162 99.1 82.3 123.5
160 41.7 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.271 ng
RT: 12.925 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

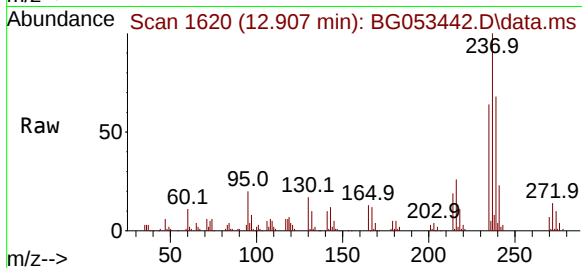
Tgt Ion:216 Resp: 92114
Ion Ratio Lower Upper
216 100
214 78.8 62.9 94.3
179 20.0 16.1 24.1
108 17.9 12.2 18.2



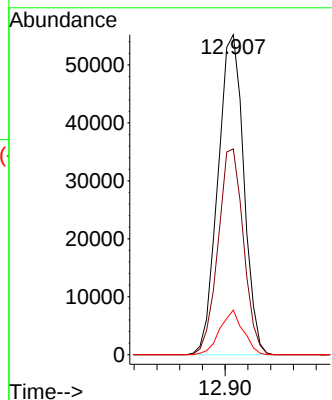
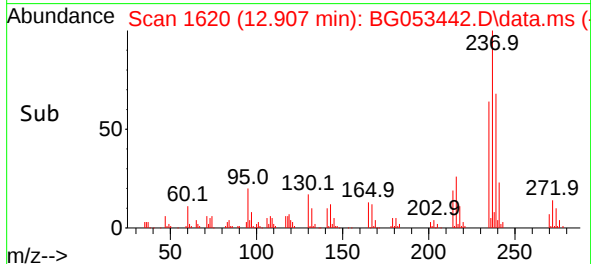


#41
Hexachlorocyclopentadiene
Concen: 83.802 ng
RT: 12.907 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

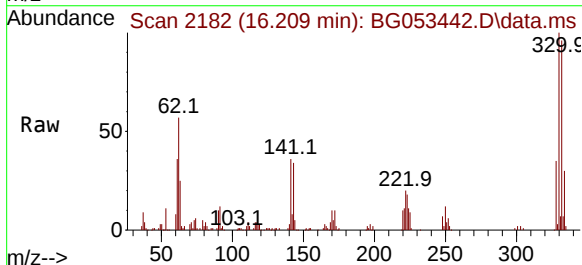
Instrument :
BNA_G
ClientSampleId :
PB144564BS



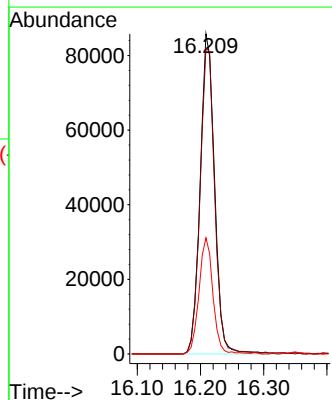
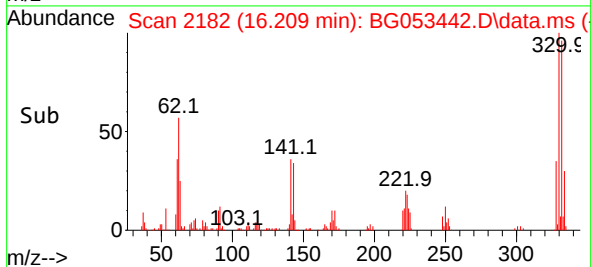
Tgt Ion:237 Resp: 87176
Ion Ratio Lower Upper
237 100
235 64.3 43.5 83.5
272 13.9 0.0 30.1

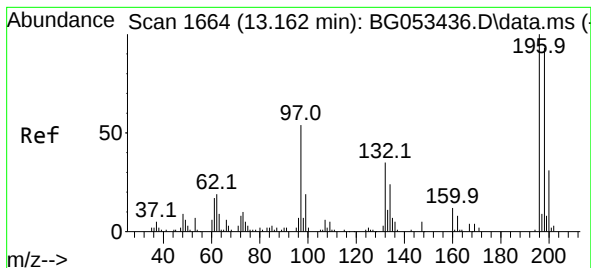


#42
2,4,6-Tribromophenol
Concen: 114.610 ng
RT: 16.209 min Scan# 2182
Delta R.T. -0.002 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21



Tgt Ion:330 Resp: 136188
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 34.9 27.1 40.7





#43

2,4,6-Trichlorophenol

Concen: 38.306 ng

RT: 13.166 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

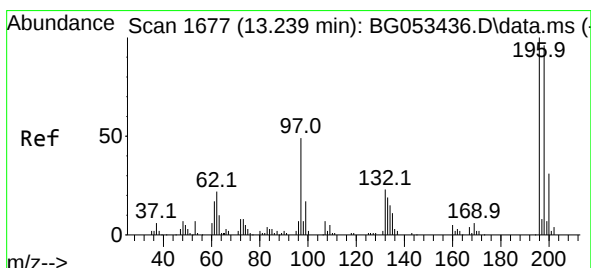
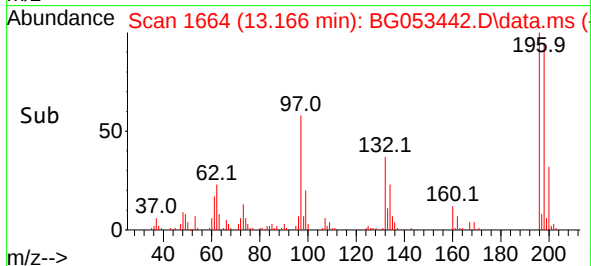
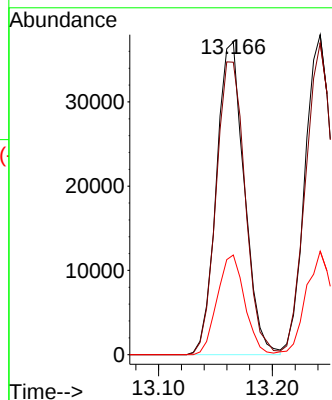
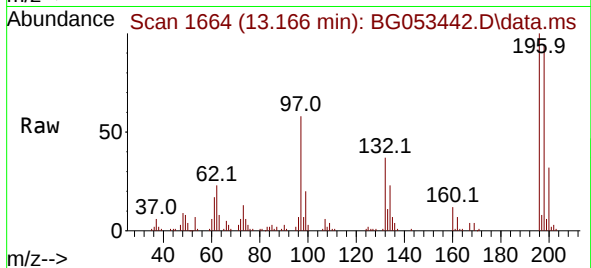
Tgt Ion:196 Resp: 63500

Ion Ratio Lower Upper

196 100

198 93.6 74.1 111.1

200 31.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 38.957 ng

RT: 13.242 min Scan# 1677

Delta R.T. 0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Tgt Ion:196 Resp: 68731

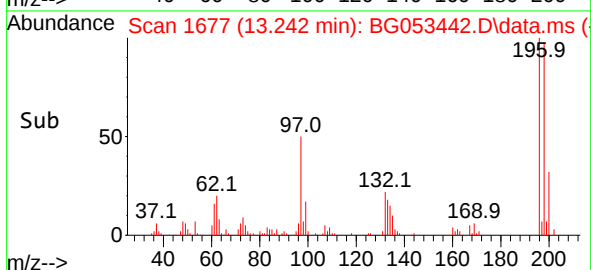
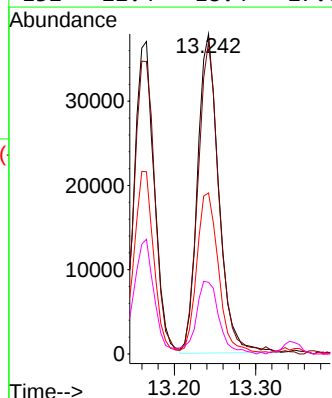
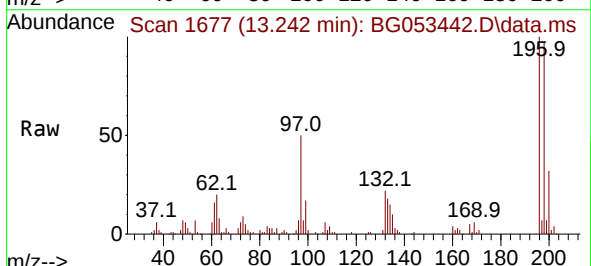
Ion Ratio Lower Upper

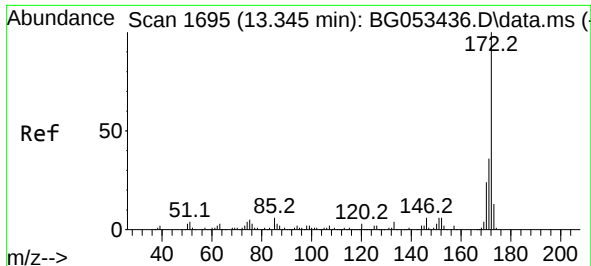
196 100

198 97.5 76.8 115.2

97 50.3 39.8 59.6

132 22.4 18.4 27.6

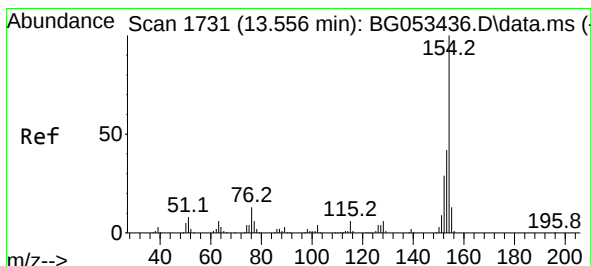
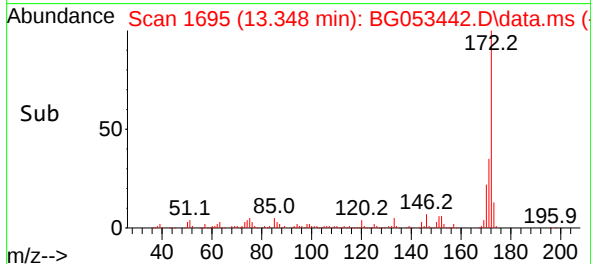
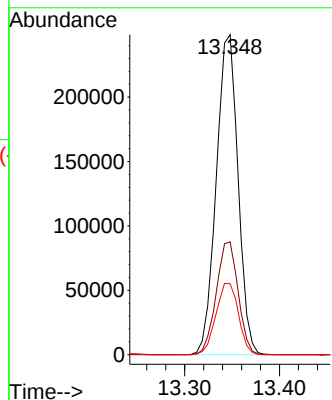
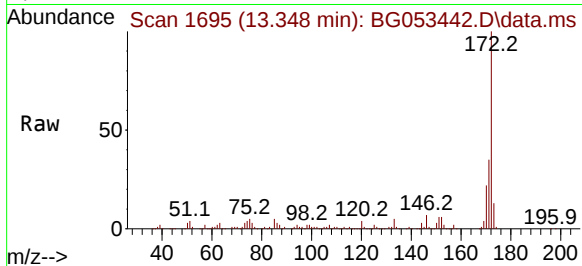




#45
2-Fluorobiphenyl
Concen: 71.881 ng
RT: 13.348 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

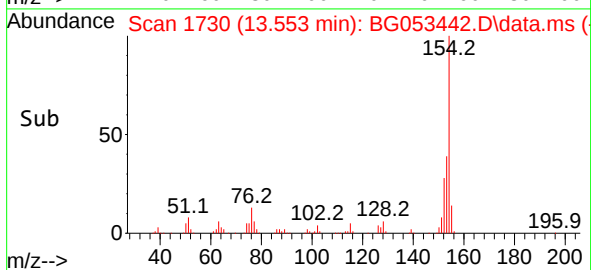
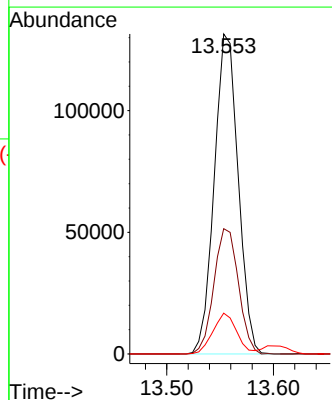
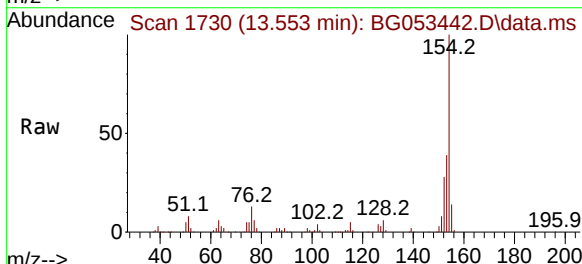
Instrument :
BNA_G
ClientSampleId :
PB144564BS

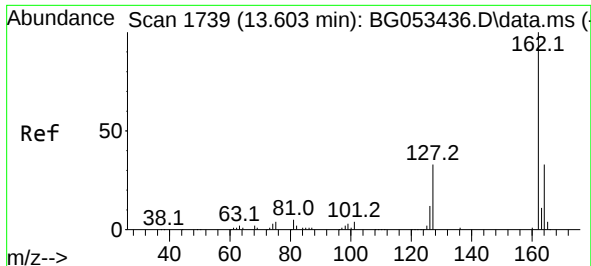
Tgt Ion:172 Resp: 396312
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.1 18.9 28.3



#46
1,1'-Biphenyl
Concen: 37.256 ng
RT: 13.553 min Scan# 1730
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:154 Resp: 204603
Ion Ratio Lower Upper
154 100
153 39.2 21.6 61.6
76 12.8 0.0 32.6





#47

2-Chloronaphthalene

Concen: 37.135 ng

RT: 13.600 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

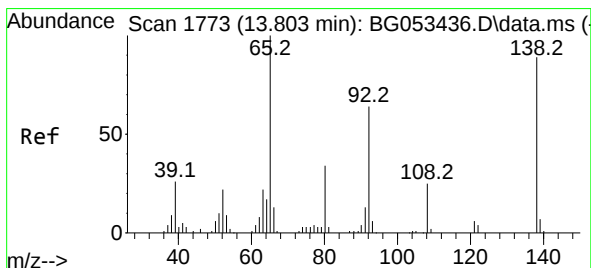
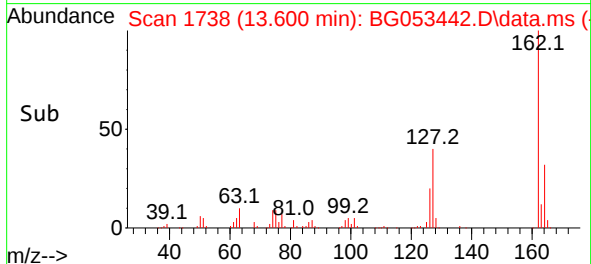
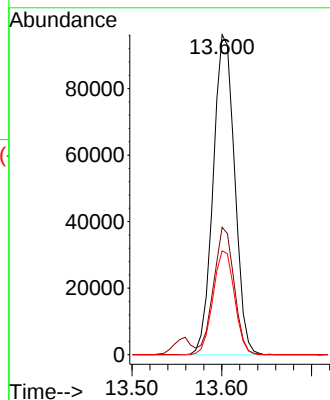
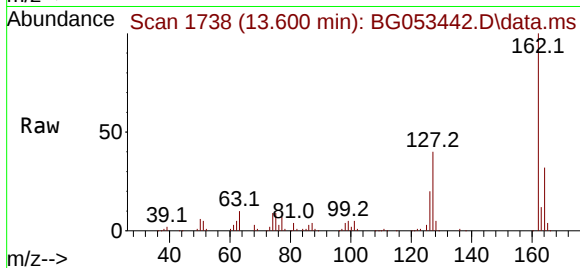
Tgt Ion:162 Resp: 159781

Ion Ratio Lower Upper

162 100

127 39.8 30.6 45.8

164 32.5 26.5 39.7



#48

2-Nitroaniline

Concen: 39.853 ng

RT: 13.800 min Scan# 1772

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

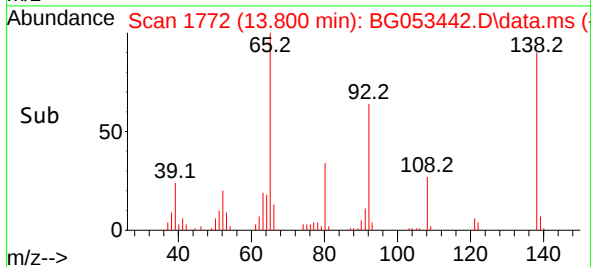
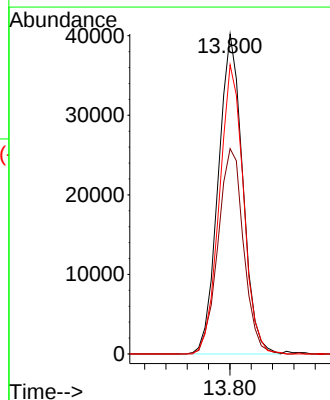
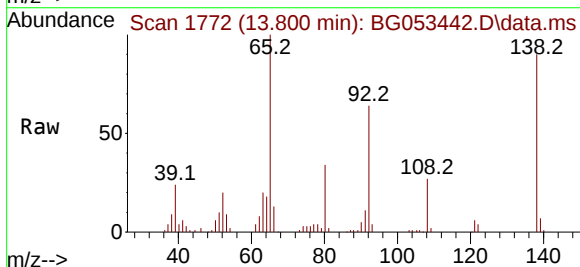
Tgt Ion: 65 Resp: 63894

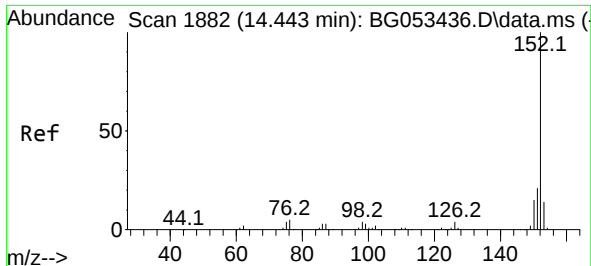
Ion Ratio Lower Upper

65 100

92 64.2 51.5 77.3

138 90.3 71.3 106.9





#49

Acenaphthylene

Concen: 39.972 ng

RT: 14.446 min Scan# 1882

Delta R.T. 0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

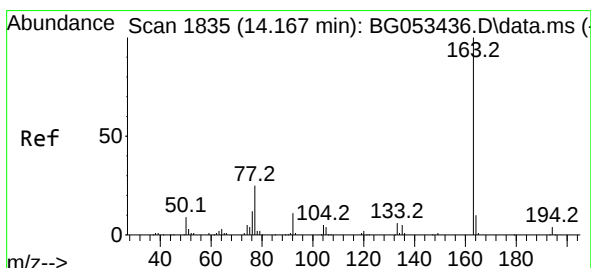
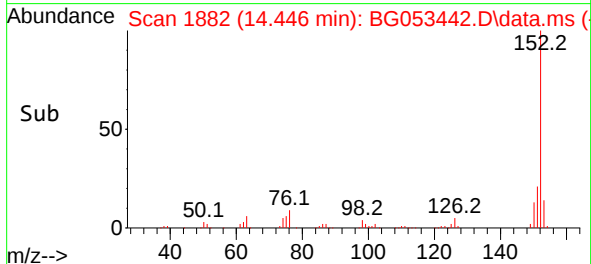
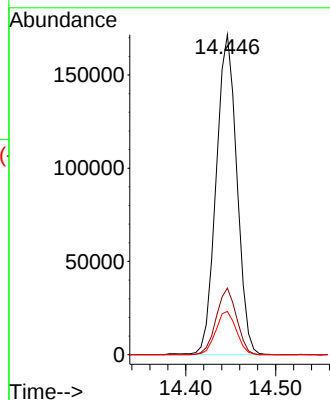
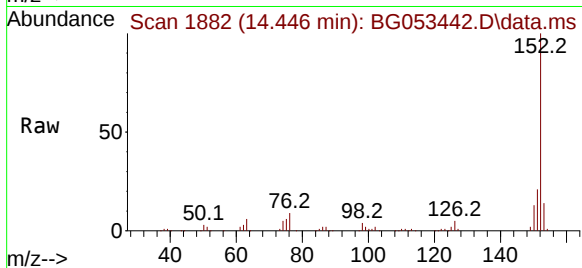
Tgt Ion:152 Resp: 274444

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

153 13.5 10.8 16.2



#50

Dimethylphthalate

Concen: 38.000 ng

RT: 14.170 min Scan# 1835

Delta R.T. 0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

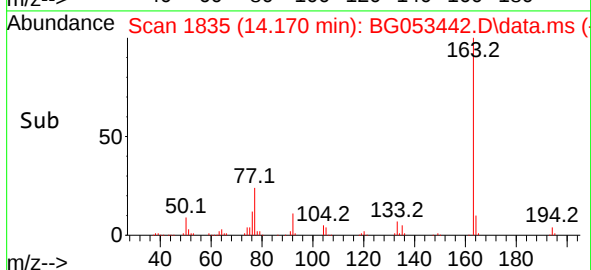
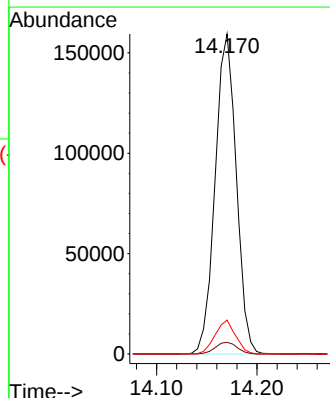
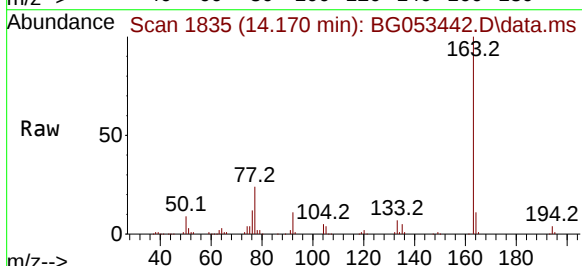
Tgt Ion:163 Resp: 232650

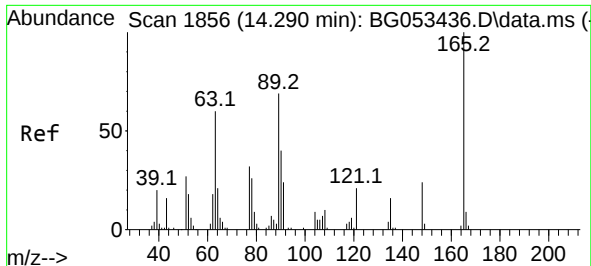
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 10.6 8.0 12.0

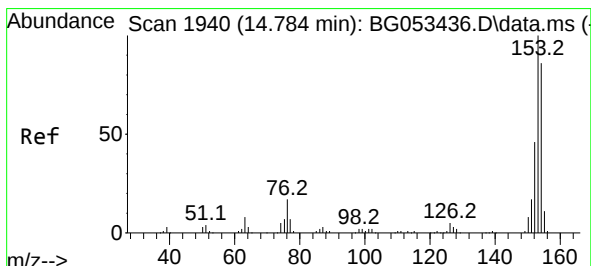
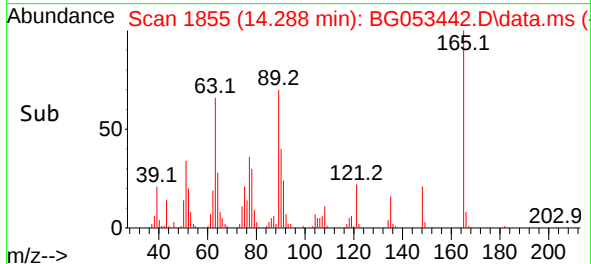
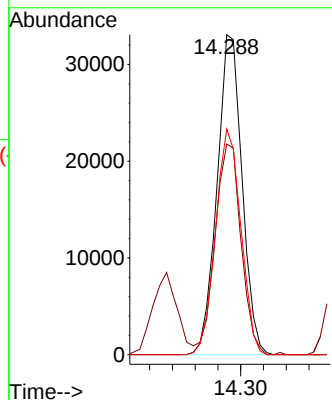
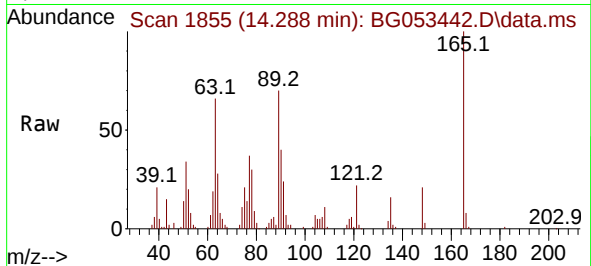




#51
2,6-Dinitrotoluene
Concen: 40.533 ng
RT: 14.288 min Scan# 1855
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

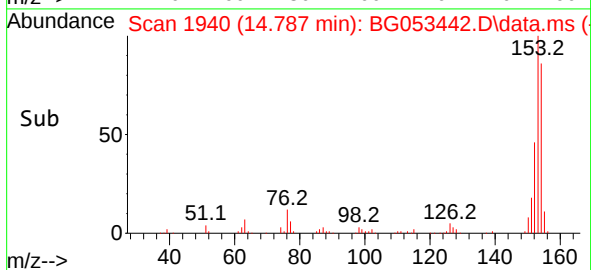
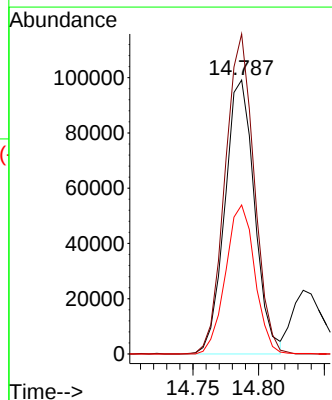
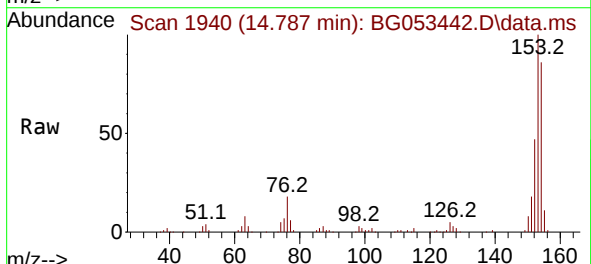
Instrument :
BNA_G
ClientSampleId :
PB144564BS

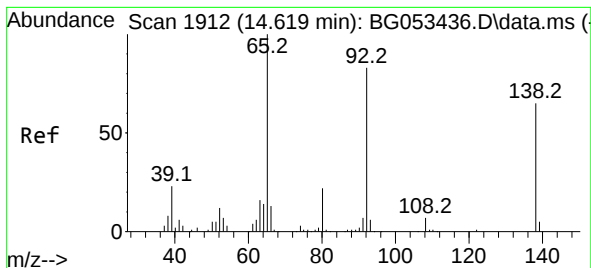
Tgt Ion:165 Resp: 50558
Ion Ratio Lower Upper
165 100
63 65.8 54.1 81.1
89 70.5 54.8 82.2



#52
Acenaphthene
Concen: 38.139 ng
RT: 14.787 min Scan# 1940
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:154 Resp: 156055
Ion Ratio Lower Upper
154 100
153 116.8 92.7 139.1
152 54.4 42.6 64.0

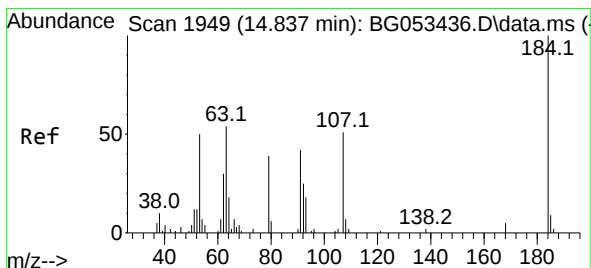
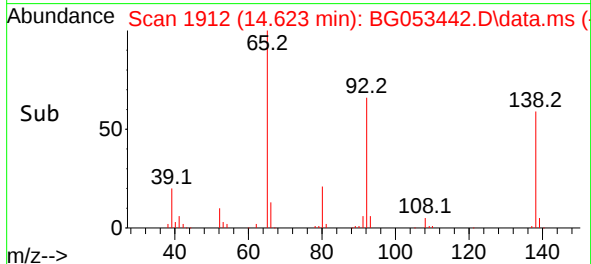
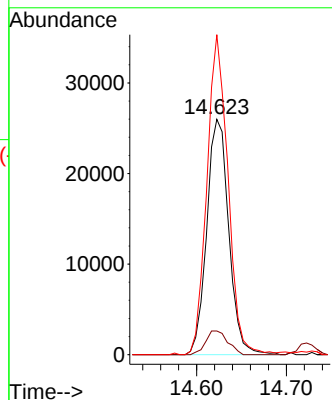
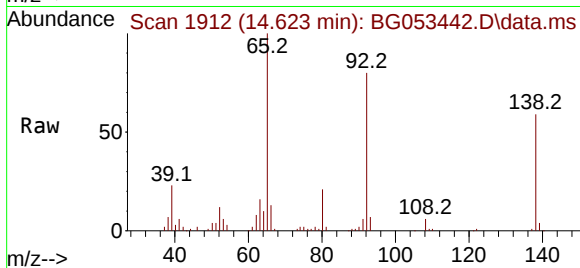




#53
3-Nitroaniline
Concen: 32.838 ng
RT: 14.623 min Scan# 1912
Delta R.T. 0.004 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

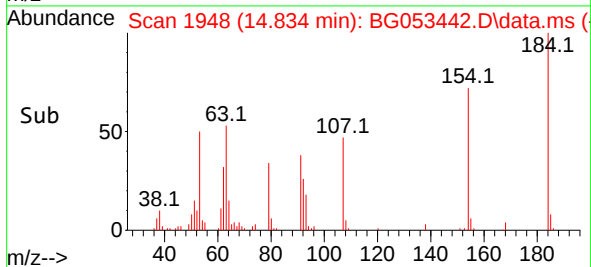
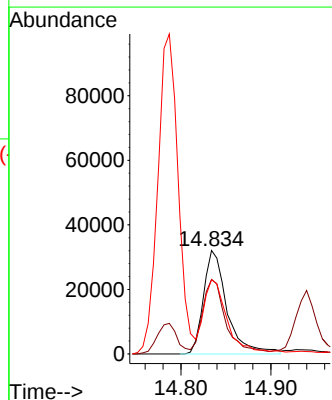
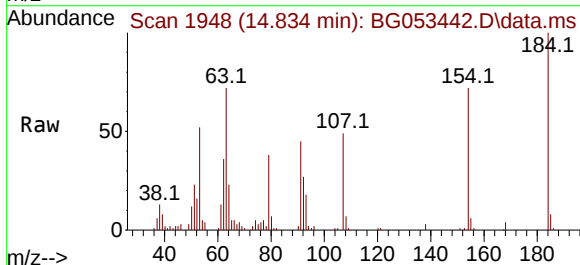
Instrument :
BNA_G
ClientSampleId :
PB144564BS

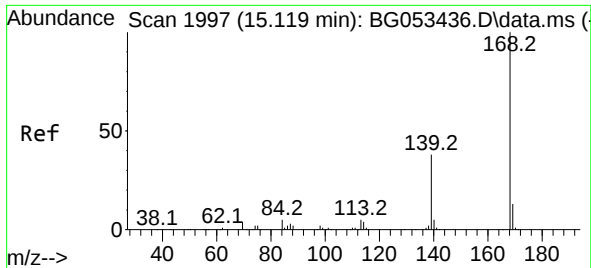
Tgt Ion:138 Resp: 44256
Ion Ratio Lower Upper
138 100
108 10.1 9.2 13.8
92 136.0 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 74.284 ng
RT: 14.834 min Scan# 1948
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

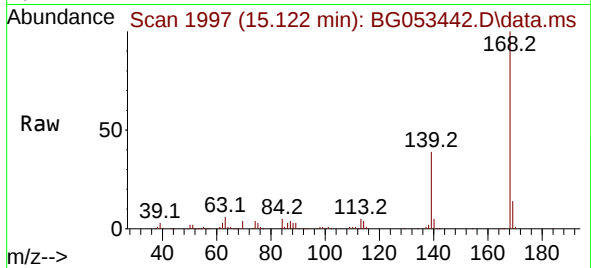
Tgt Ion:184 Resp: 58432
Ion Ratio Lower Upper
184 100
63 72.1 61.1 91.7
154 71.8 60.6 91.0



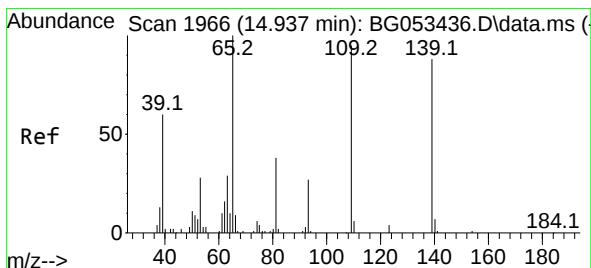
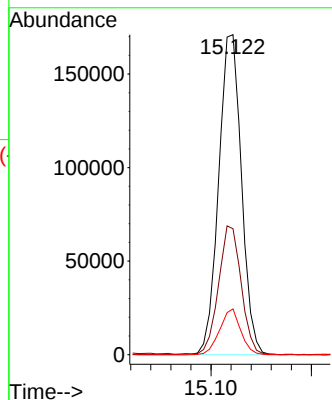
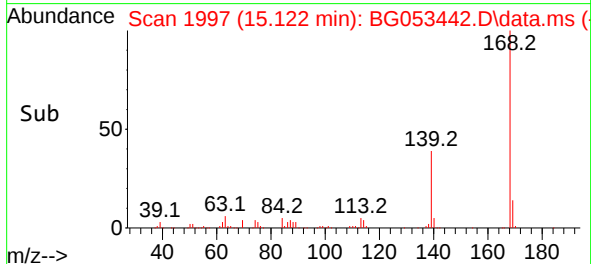


#55
Dibenzofuran
Concen: 36.602 ng
RT: 15.122 min Scan# 1997
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

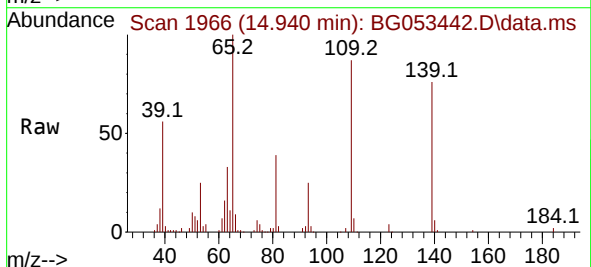
Instrument :
BNA_G
ClientSampleId :
PB144564BS



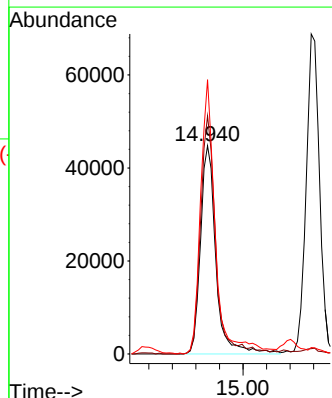
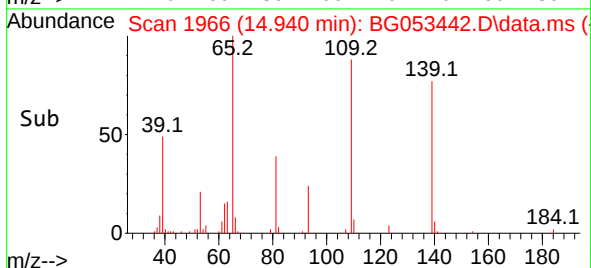
Tgt Ion:168 Resp: 269010
Ion Ratio Lower Upper
168 100
139 39.3 30.5 45.7
169 14.3 10.3 15.5

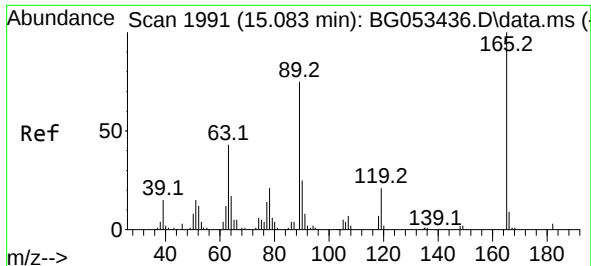


#56
4-Nitrophenol
Concen: 84.419 ng
RT: 14.940 min Scan# 1966
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21



Tgt Ion:139 Resp: 81262
Ion Ratio Lower Upper
139 100
109 114.3 88.5 128.5
65 131.7 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 41.153 ng

RT: 15.081 min Scan# 1991

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

Tgt Ion:165 Resp: 74404

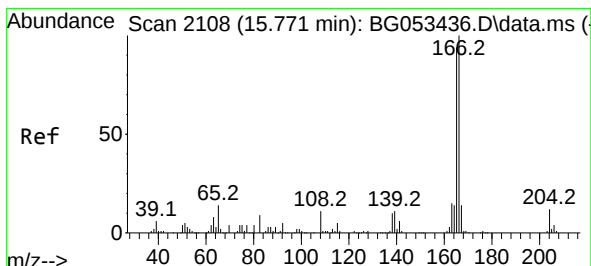
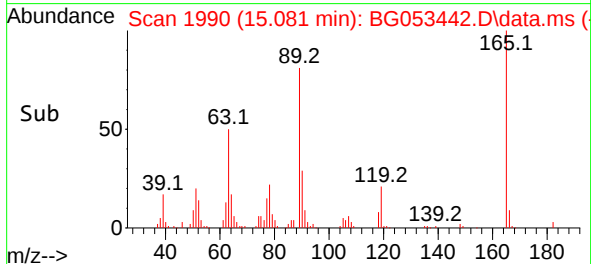
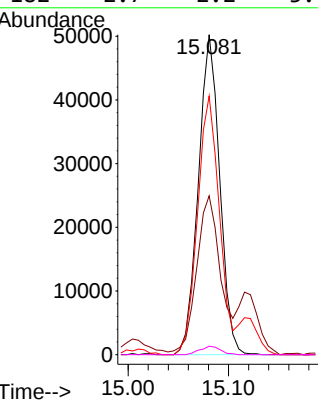
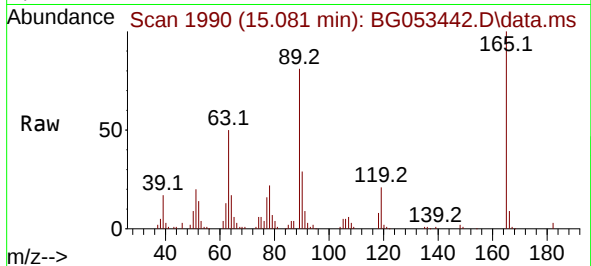
Ion Ratio Lower Upper

165 100

63 49.7 34.6 52.0

89 80.9 60.3 90.5

182 2.7 2.2 3.4



#58

Fluorene

Concen: 37.835 ng

RT: 15.768 min Scan# 2107

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

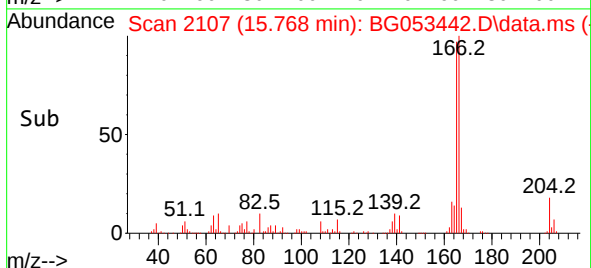
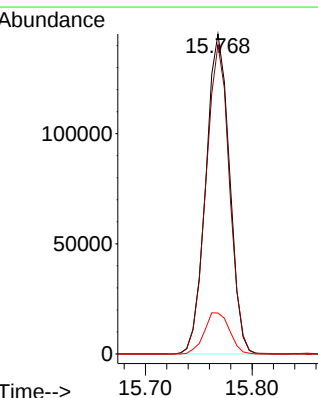
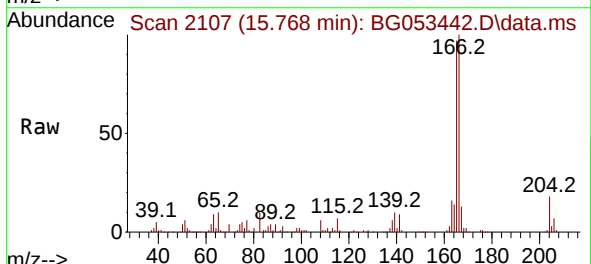
Tgt Ion:166 Resp: 223147

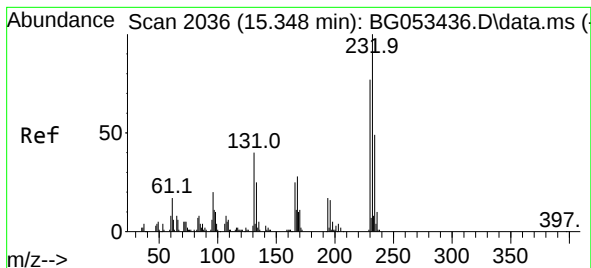
Ion Ratio Lower Upper

166 100

165 96.7 75.0 112.6

167 12.8 10.8 16.2

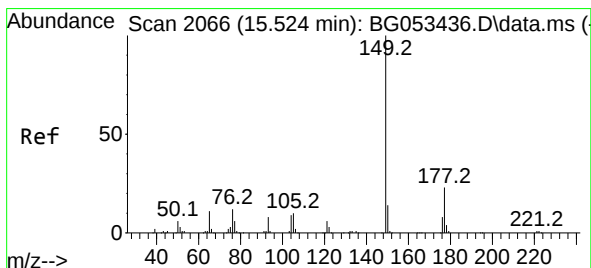
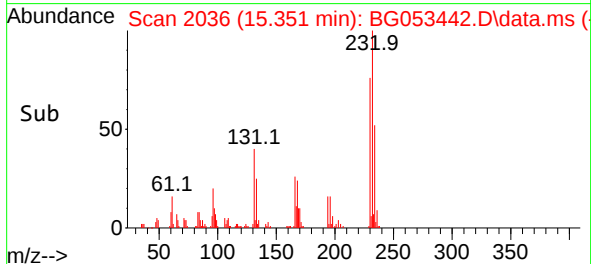
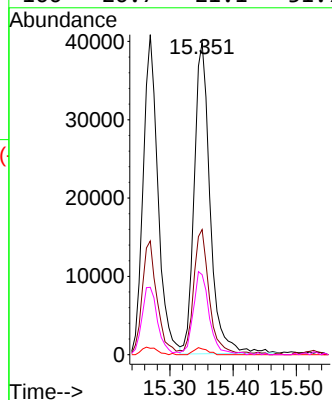
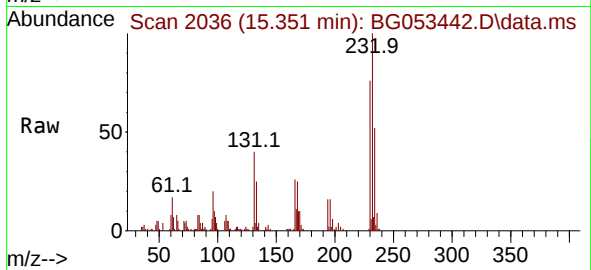




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.746 ng
RT: 15.351 min Scan# 2036
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

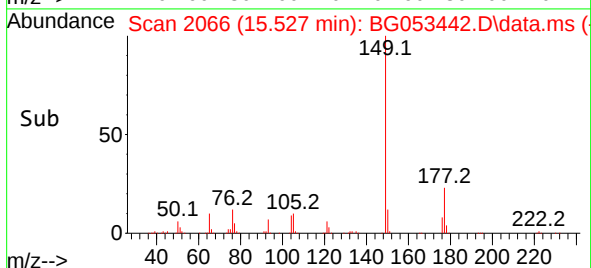
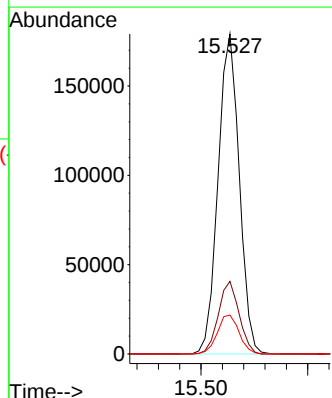
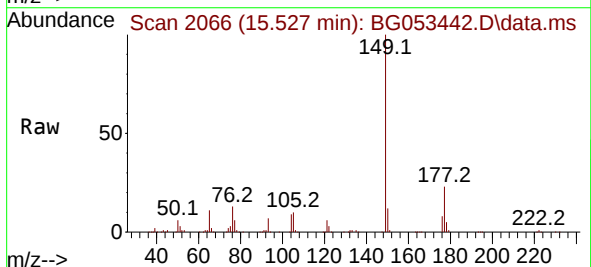
Instrument :
BNA_G
ClientSampleId :
PB144564BS

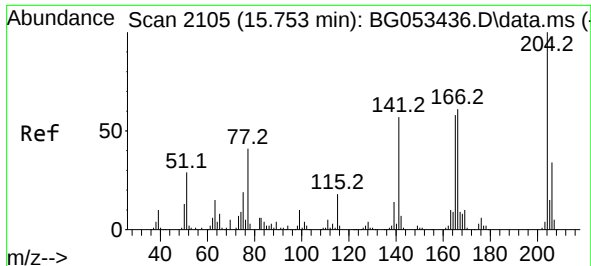
Tgt Ion:	232	Resp:	69359
Ion Ratio	Lower	Upper	
232	100		
131	37.9	30.6	46.0
130	1.9	1.8	2.8
166	26.7	21.1	31.7



#60
Diethylphthalate
Concen: 39.015 ng
RT: 15.527 min Scan# 2066
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:	149	Resp:	246736
Ion Ratio	Lower	Upper	
149	100		
177	22.7	18.4	27.6
150	12.2	11.2	16.8

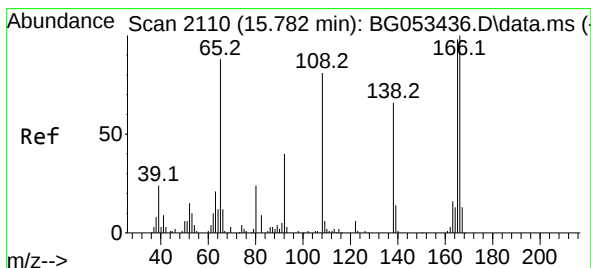
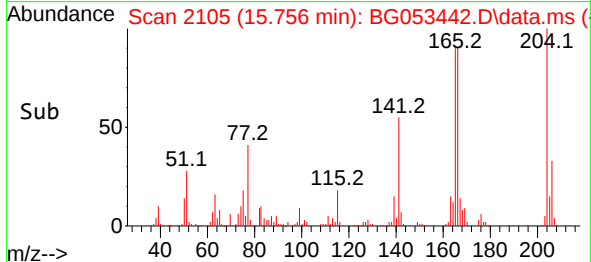
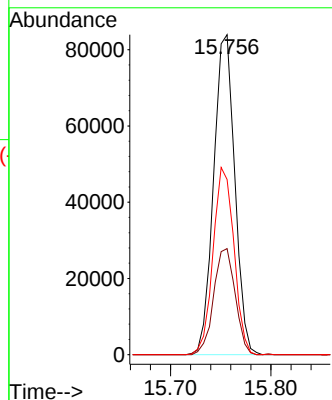
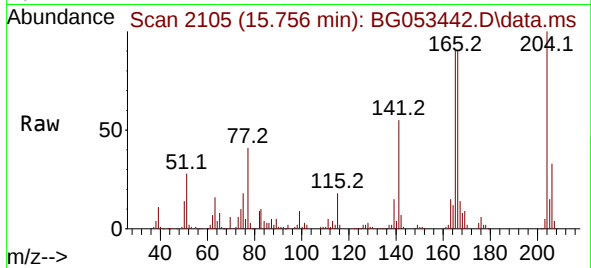




#61
4-Chlorophenyl-phenylether
Concen: 37.351 ng
RT: 15.756 min Scan# 2105
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

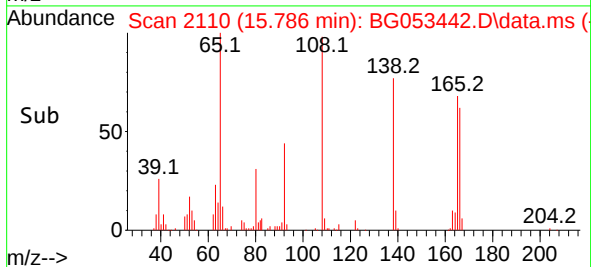
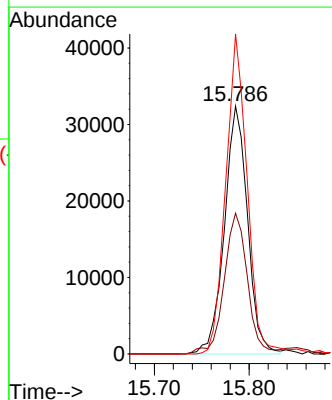
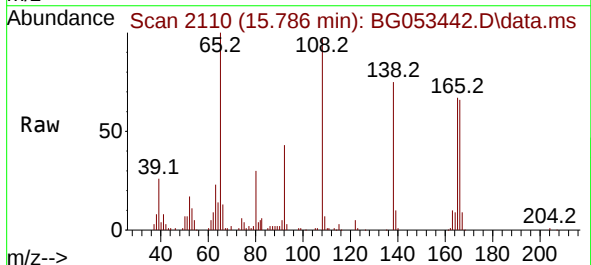
Instrument :
BNA_G
ClientSampleId :
PB144564BS

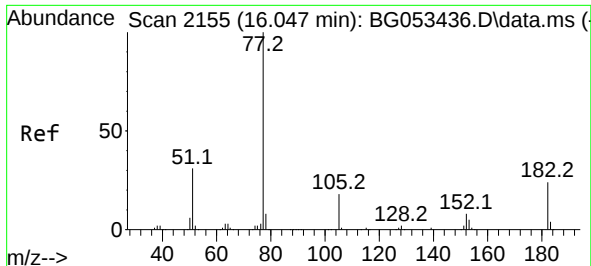
Tgt Ion:204 Resp: 122927
Ion Ratio Lower Upper
204 100
206 33.1 27.5 41.3
141 54.8 45.3 67.9



#62
4-Nitroaniline
Concen: 39.299 ng
RT: 15.786 min Scan# 2110
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:138 Resp: 54934
Ion Ratio Lower Upper
138 100
92 56.9 40.5 80.5
108 129.1 103.7 143.7

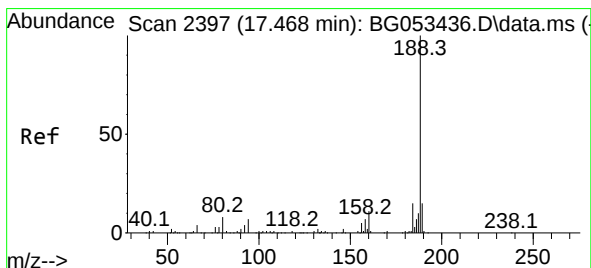
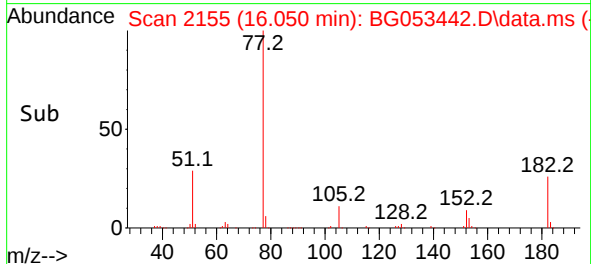
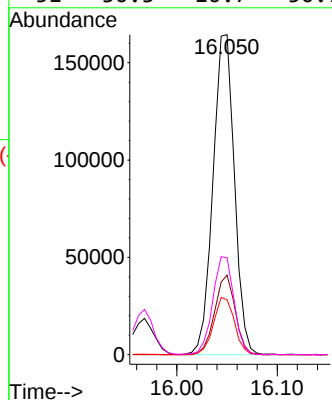
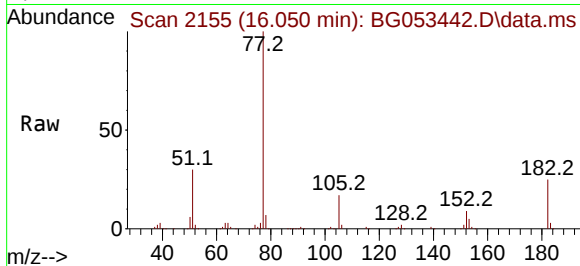




#63
Azobenzene
Concen: 37.701 ng
RT: 16.050 min Scan# 2155
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

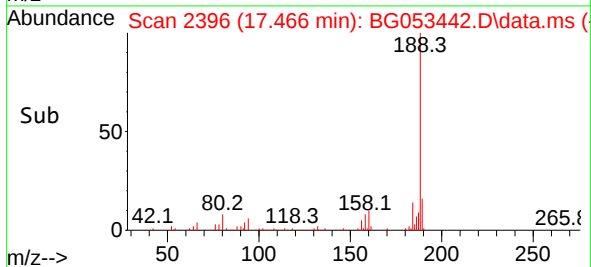
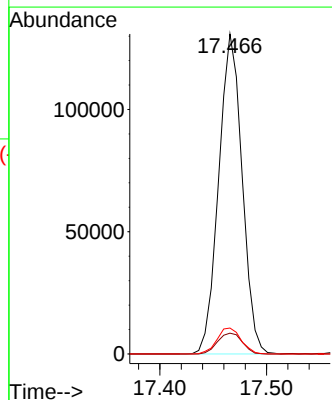
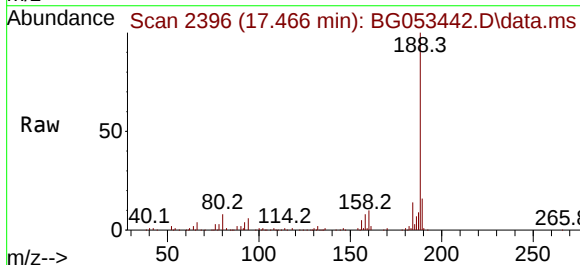
Instrument :
BNA_G
ClientSampleId :
PB144564BS

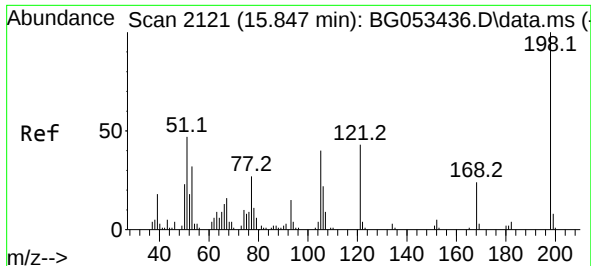
Tgt Ion: 77	Resp: 244150
Ion Ratio	Lower Upper
77 100	
182 24.9	3.8 43.8
105 17.1	0.0 37.8
51 30.3	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.466 min Scan# 2396
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:188	Resp: 199345
Ion Ratio	Lower Upper
188 100	
94 6.5	5.4 8.0
80 8.1	6.8 10.2

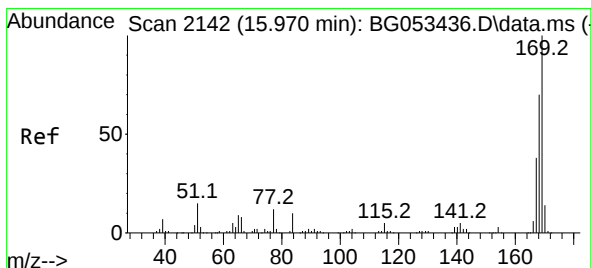
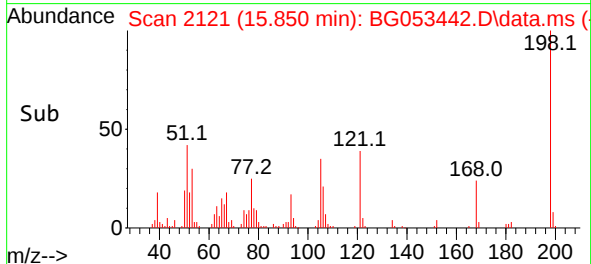
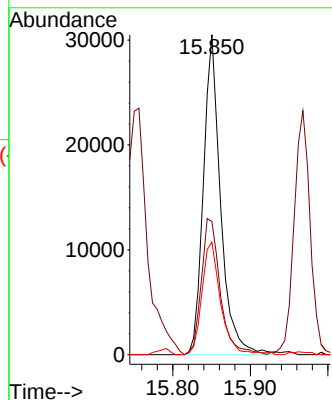
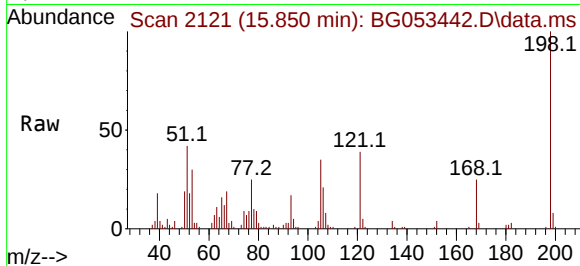




#65
4,6-Dinitro-2-methylphenol
Concen: 39.682 ng
RT: 15.850 min Scan# 2121
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

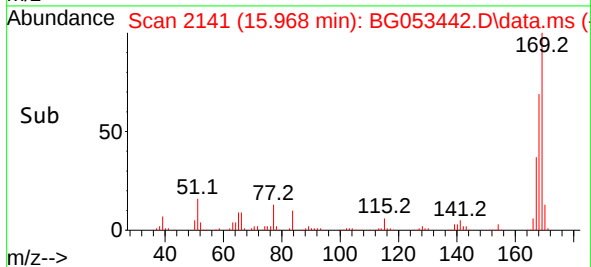
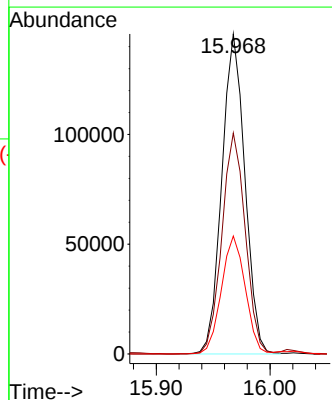
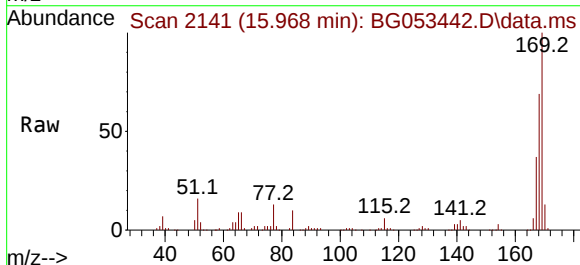
Instrument :
BNA_G
ClientSampleId :
PB144564BS

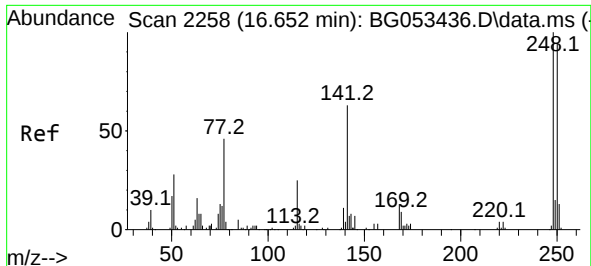
Tgt Ion:198 Resp: 47136
Ion Ratio Lower Upper
198 100
51 41.6 28.1 68.1
105 35.2 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 39.265 ng
RT: 15.968 min Scan# 2141
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:169 Resp: 205507
Ion Ratio Lower Upper
169 100
168 69.1 55.9 83.9
167 36.9 30.6 46.0

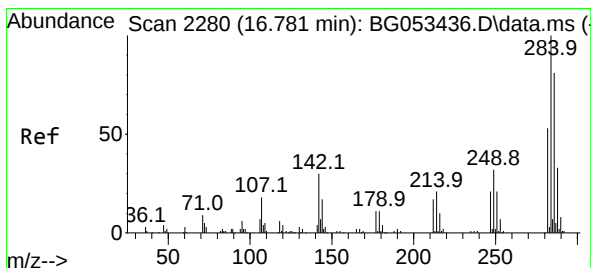
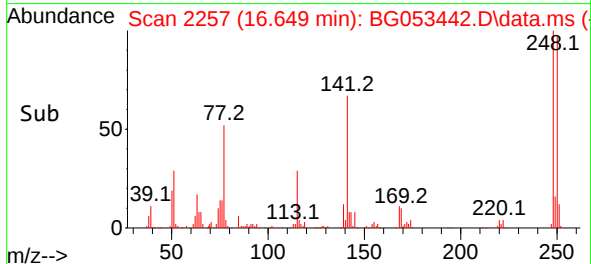
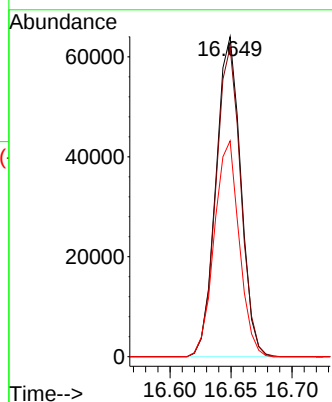
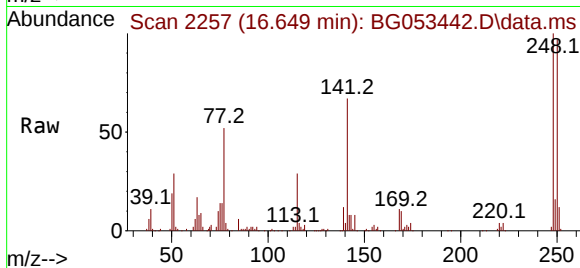




#67
4-Bromophenyl-phenylether
Concen: 38.887 ng
RT: 16.649 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

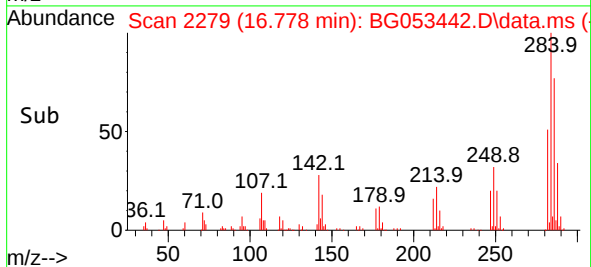
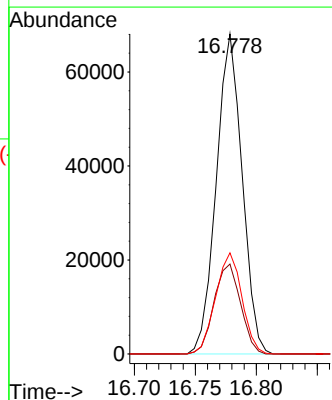
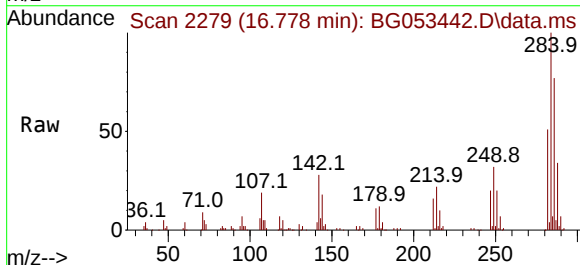
Instrument :
BNA_G
ClientSampleId :
PB144564BS

Tgt Ion:248 Resp: 90533
Ion Ratio Lower Upper
248 100
250 96.8 75.2 112.8
141 67.4 50.0 75.0



#68
Hexachlorobenzene
Concen: 39.369 ng
RT: 16.778 min Scan# 2279
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:284 Resp: 100380
Ion Ratio Lower Upper
284 100
142 28.1 23.6 35.4
249 31.6 25.8 38.6





#69

Atrazine

Concen: 42.964 ng

RT: 16.914 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

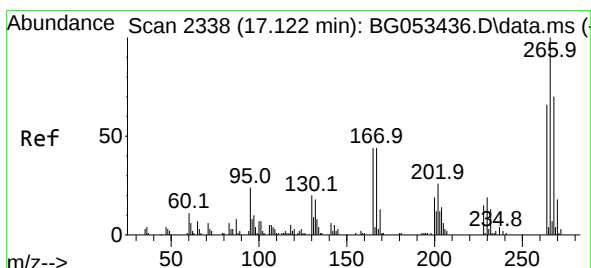
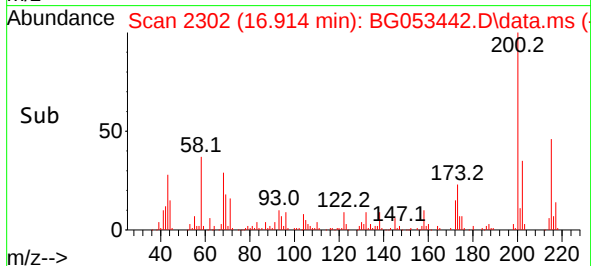
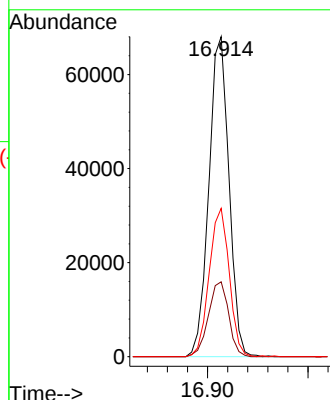
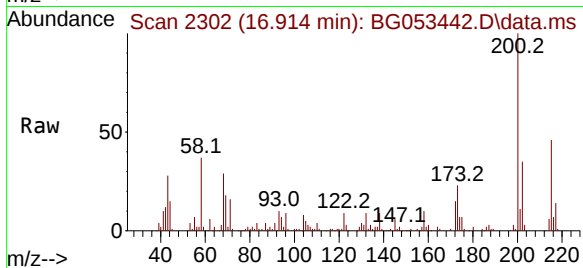
Tgt Ion:200 Resp: 94665

Ion Ratio Lower Upper

200 100

173 23.4 3.7 43.7

215 46.3 25.2 65.2



#70

Pentachlorophenol

Concen: 73.251 ng

RT: 17.125 min Scan# 2338

Delta R.T. 0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

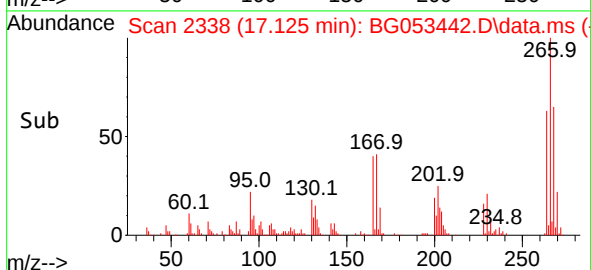
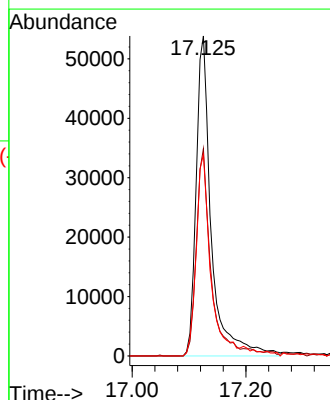
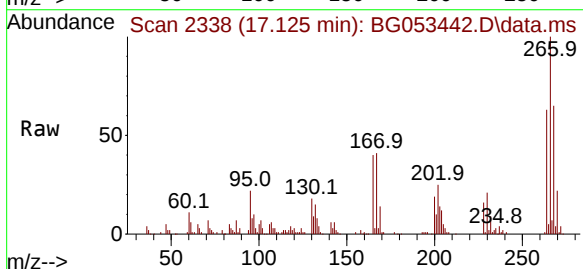
Tgt Ion:266 Resp: 100009

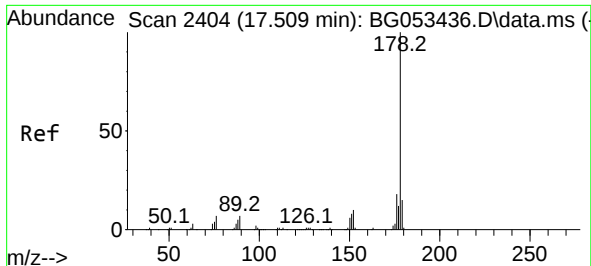
Ion Ratio Lower Upper

266 100

268 64.7 56.2 84.2

264 63.0 53.0 79.4

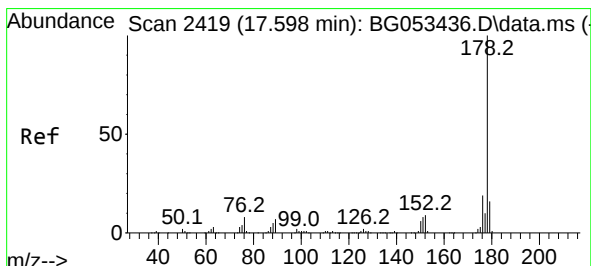
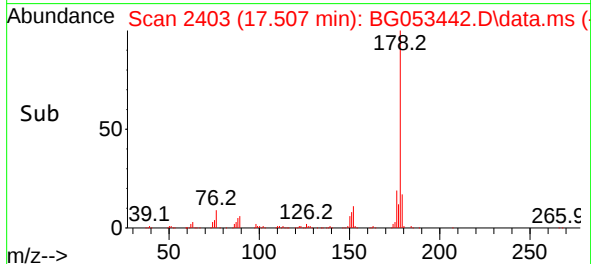
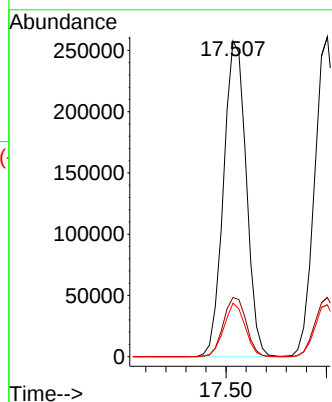
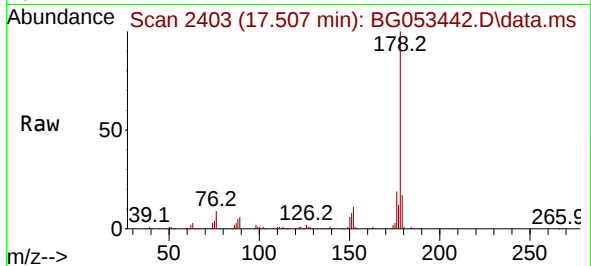




#71
Phenanthrene
Concen: 39.840 ng
RT: 17.507 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

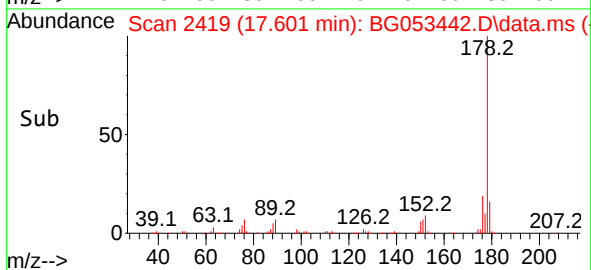
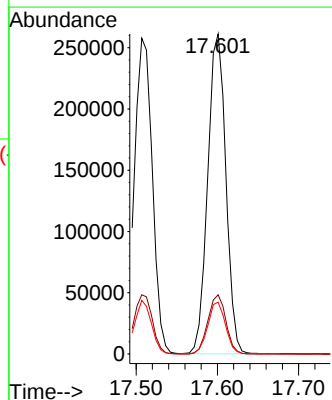
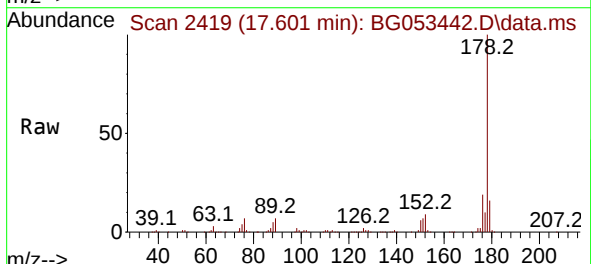
Instrument :
BNA_G
ClientSampleId :
PB144564BS

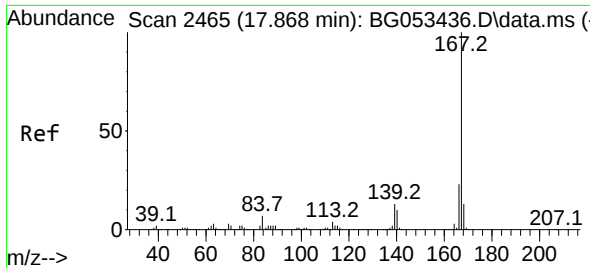
Tgt Ion:178 Resp: 403834
Ion Ratio Lower Upper
178 100
176 18.7 14.1 21.1
179 17.0 12.1 18.1



#72
Anthracene
Concen: 40.554 ng
RT: 17.601 min Scan# 2419
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:178 Resp: 404048
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 16.2 13.0 19.4

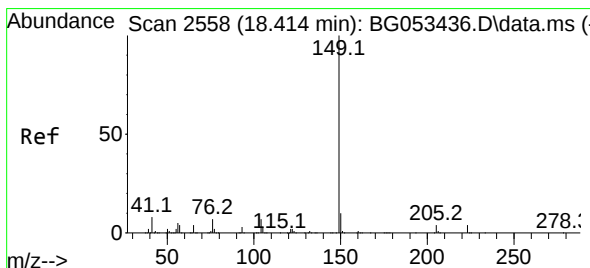
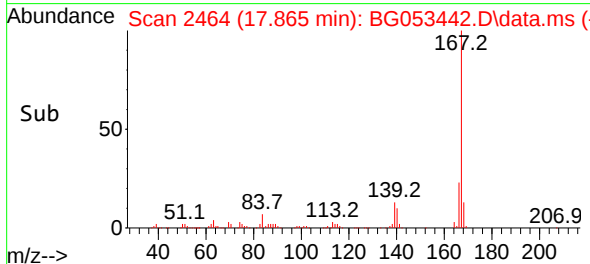
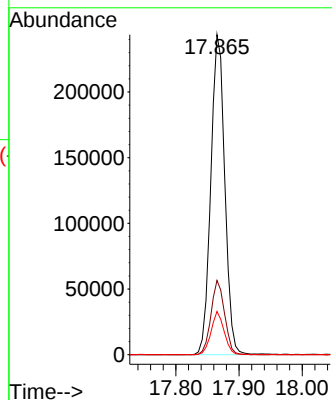
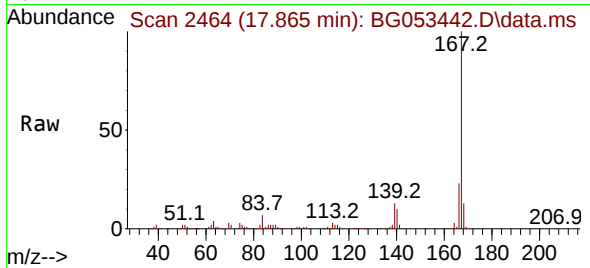




#73
 Carbazole
 Concen: 38.386 ng
 RT: 17.865 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: BG053442.D
 Acq: 5 May 2022 1:21

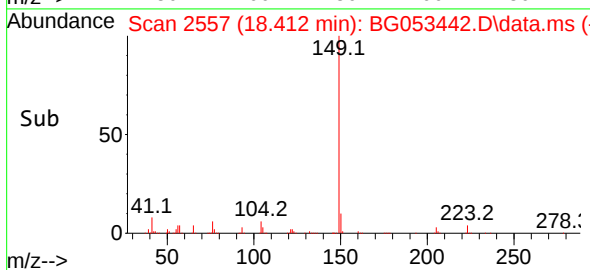
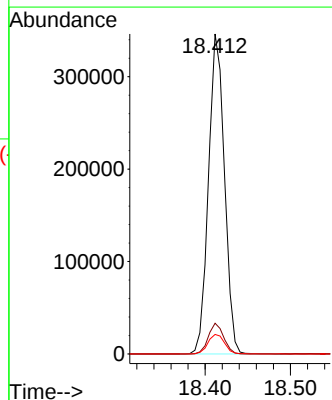
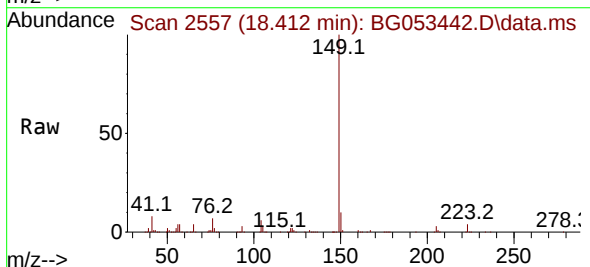
Instrument :
 BNA_G
 ClientSampleId :
 PB144564BS

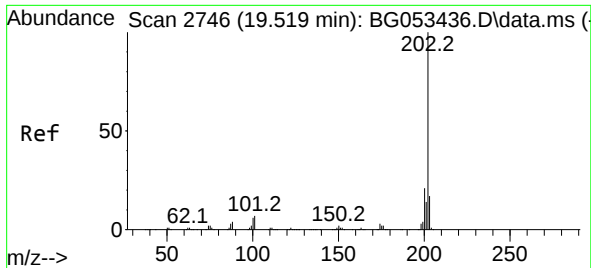
Tgt Ion:167 Resp: 374819
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.2
 139 13.5 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 40.945 ng
 RT: 18.412 min Scan# 2557
 Delta R.T. -0.003 min
 Lab File: BG053442.D
 Acq: 5 May 2022 1:21

Tgt Ion:149 Resp: 449647
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 6.1 5.4 8.0

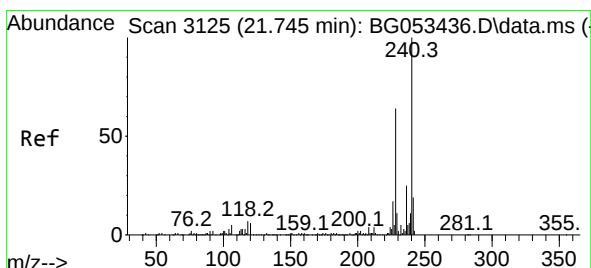
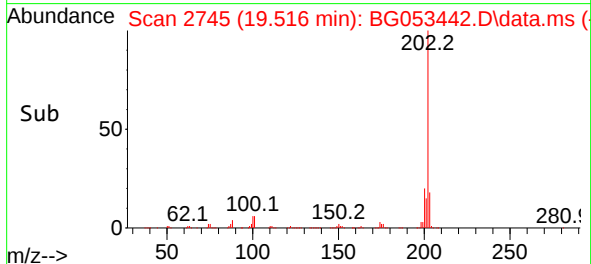
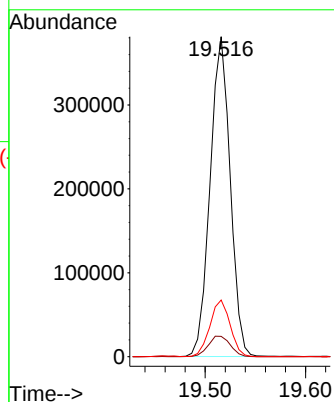
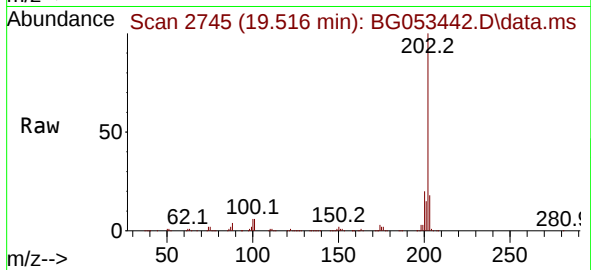




#75
Fluoranthene
Concen: 40.443 ng
RT: 19.516 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

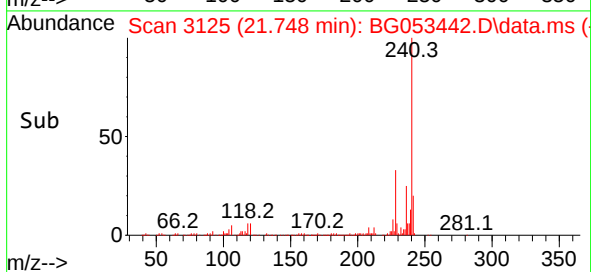
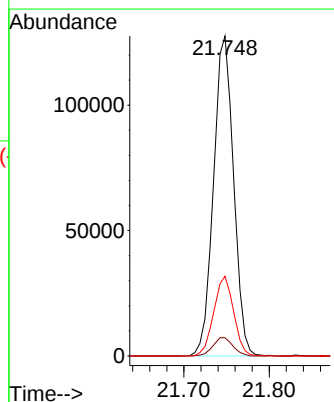
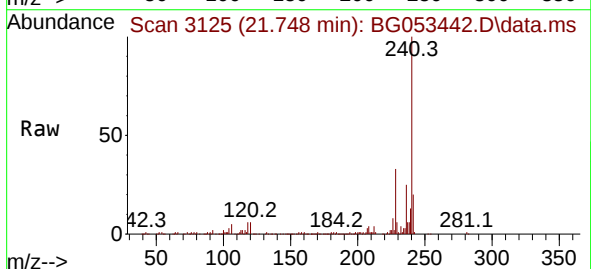
Instrument :
BNA_G
ClientSampleId :
PB144564BS

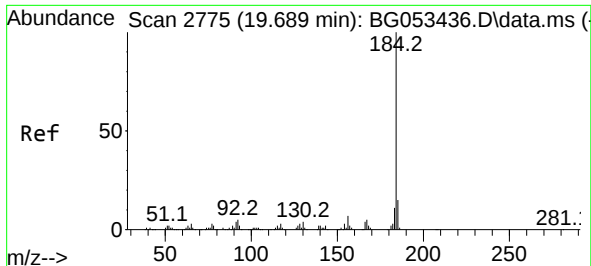
Tgt Ion:202 Resp: 530797
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.9
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:240 Resp: 208603
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 24.9 20.2 30.4

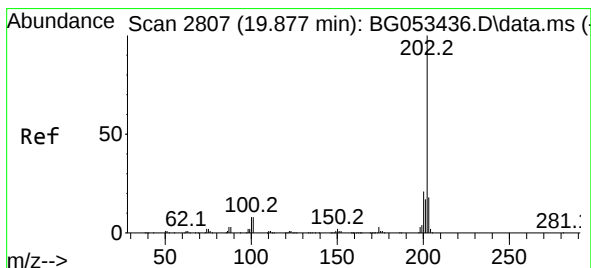
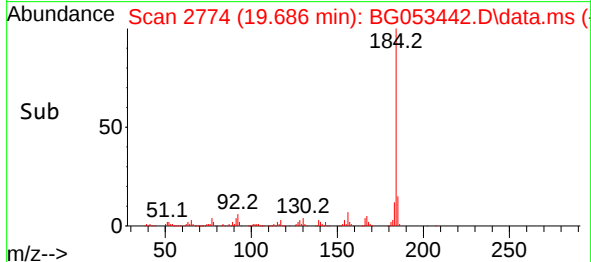
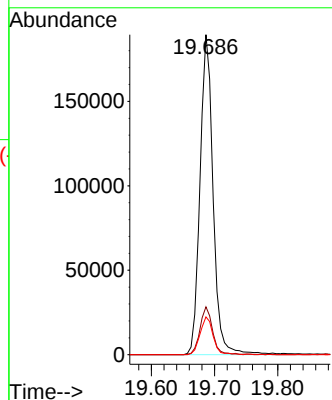
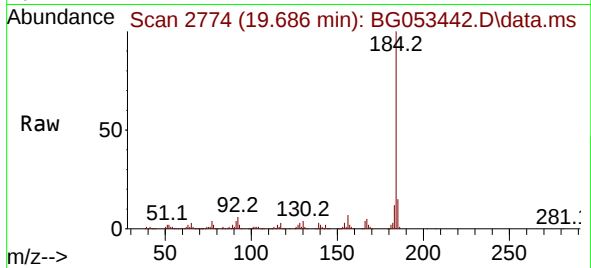




#77
Benzidine
Concen: 60.642 ng
RT: 19.686 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

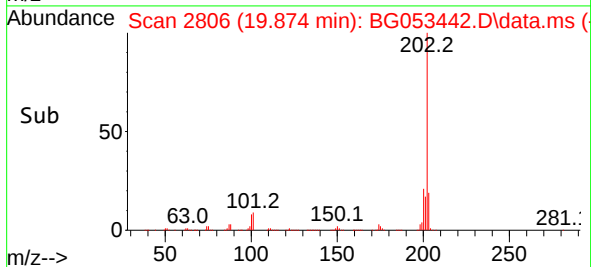
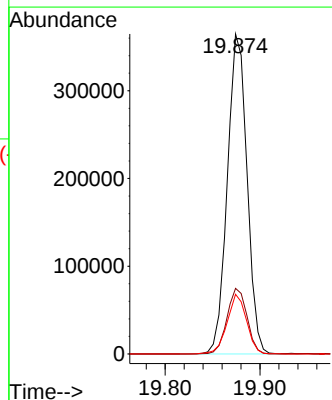
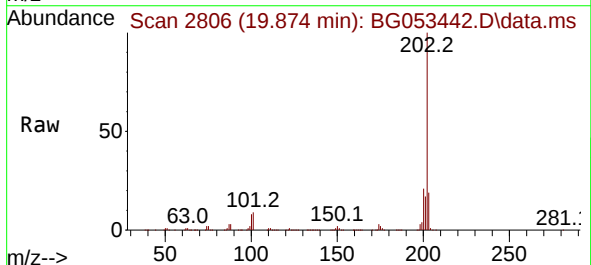
Instrument :
BNA_G
ClientSampleId :
PB144564BS

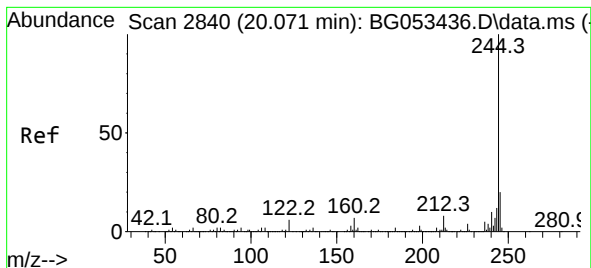
Tgt Ion:184 Resp: 272656
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.6
183 11.8 8.9 13.3



#78
Pyrene
Concen: 39.006 ng
RT: 19.874 min Scan# 2806
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:202 Resp: 526728
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 18.7 14.6 21.8





#79

Terphenyl-d14

Concen: 79.680 ng

RT: 20.068 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

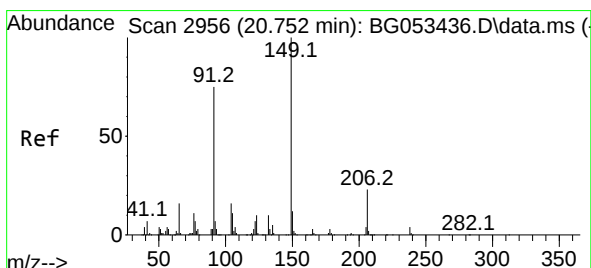
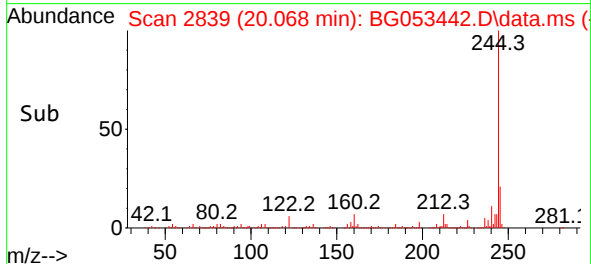
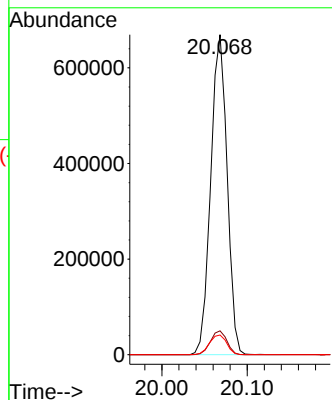
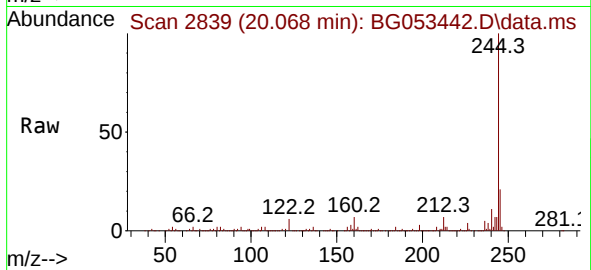
Tgt Ion:244 Resp: 892446

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 6.1 5.0 7.4



#80

Butylbenzylphthalate

Concen: 39.469 ng

RT: 20.750 min Scan# 2955

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

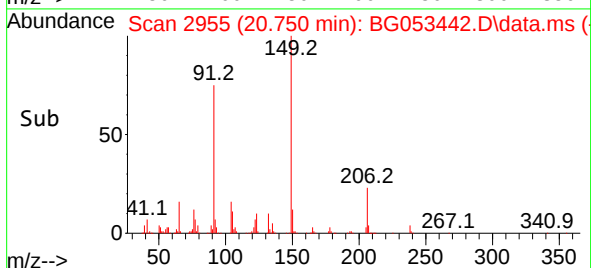
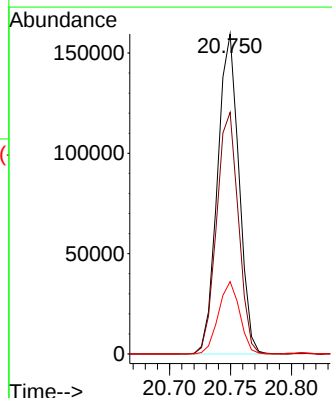
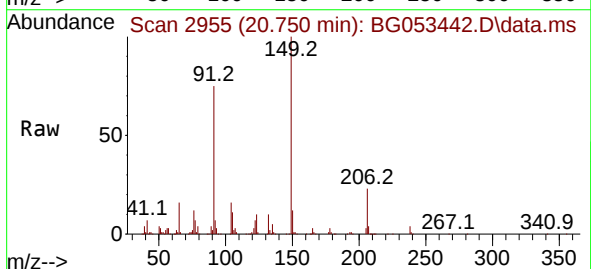
Tgt Ion:149 Resp: 195444

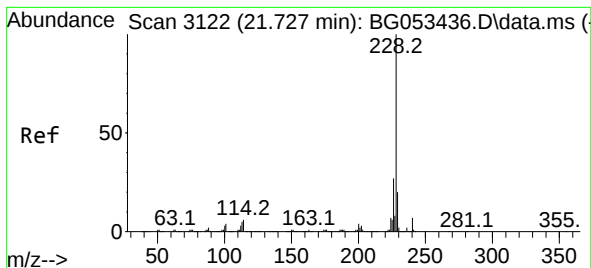
Ion Ratio Lower Upper

149 100

91 75.5 59.6 89.4

206 22.6 18.6 28.0





#81

Benzo(a)anthracene

Concen: 39.870 ng

RT: 21.725 min Scan# 3122

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

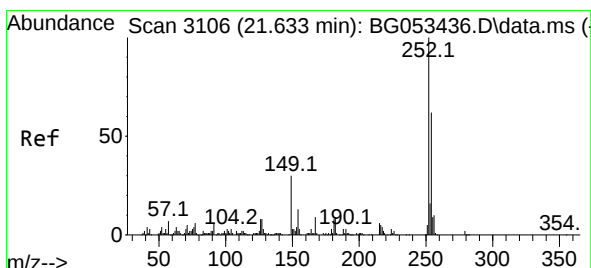
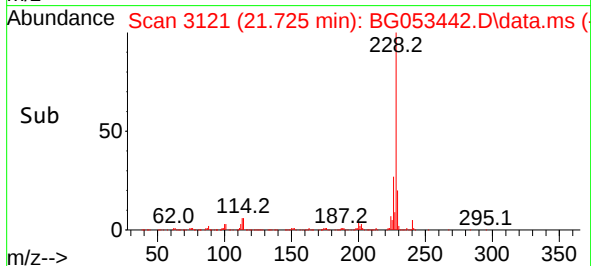
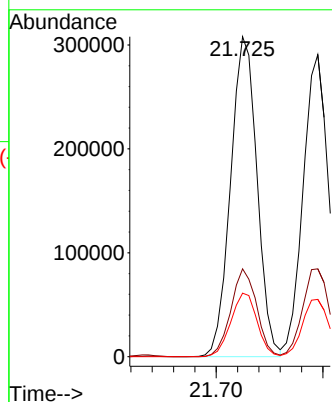
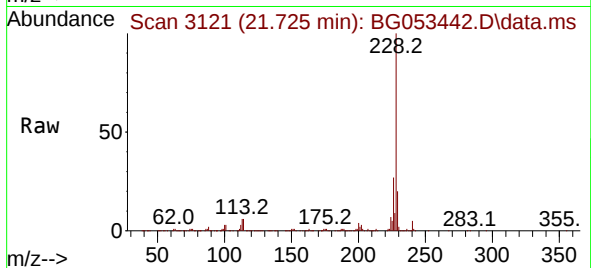
Tgt Ion:228 Resp: 530470

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 19.8 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 42.964 ng

RT: 21.637 min Scan# 3106

Delta R.T. 0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

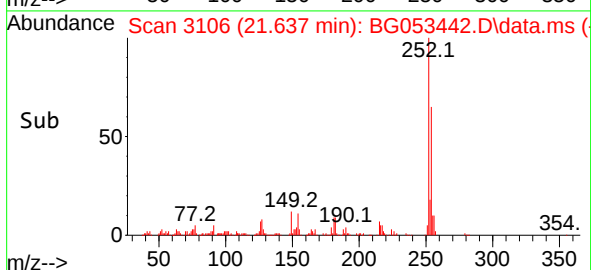
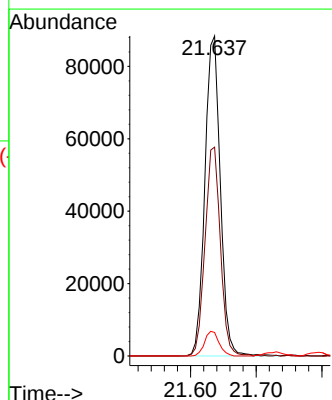
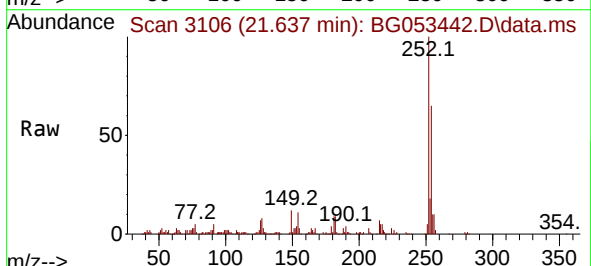
Tgt Ion:252 Resp: 144963

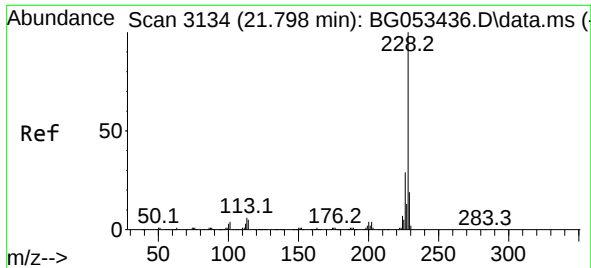
Ion Ratio Lower Upper

252 100

254 65.3 49.8 74.8

126 7.3 6.0 9.0

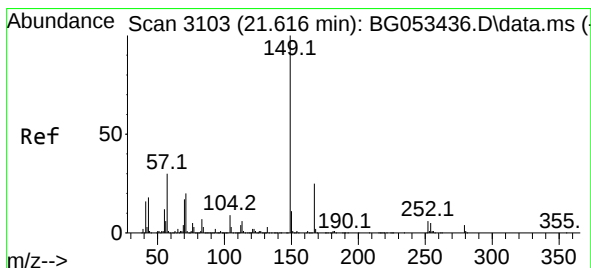
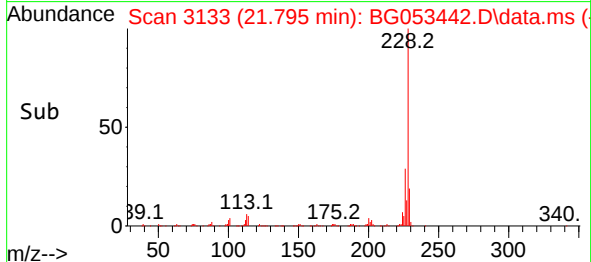
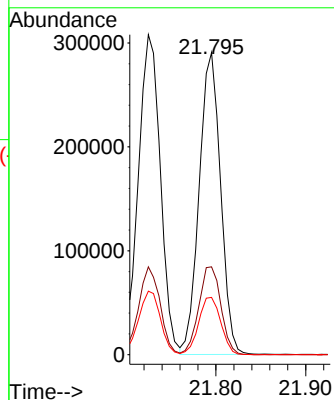
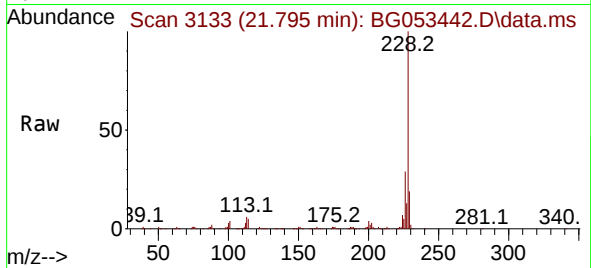




#83
 Chrysene
 Concen: 38.650 ng
 RT: 21.795 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG053442.D
 Acq: 5 May 2022 1:21

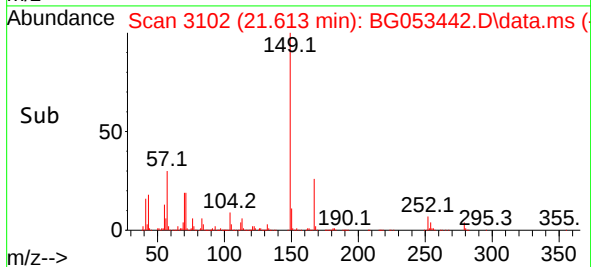
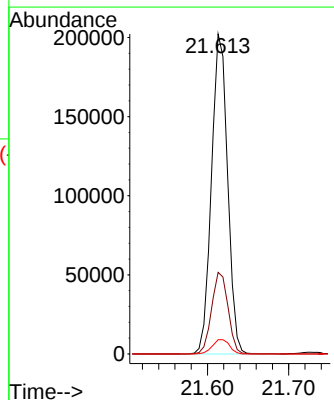
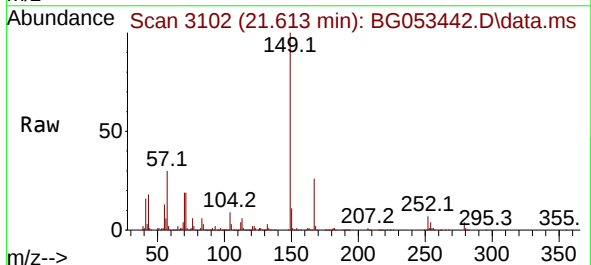
Instrument :
 BNA_G
 ClientSampleId :
 PB144564BS

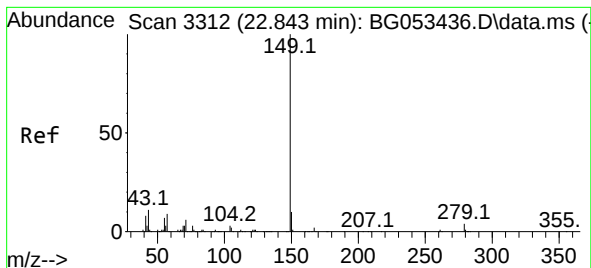
Tgt Ion:228 Resp: 480286
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.4 35.2
 229 19.0 15.5 23.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.743 ng
 RT: 21.613 min Scan# 3102
 Delta R.T. -0.003 min
 Lab File: BG053442.D
 Acq: 5 May 2022 1:21

Tgt Ion:149 Resp: 278463
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.2 30.4
 279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 40.939 ng

RT: 22.841 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

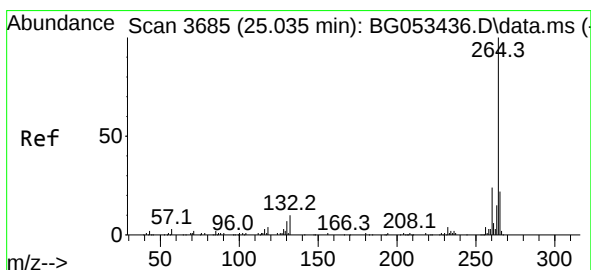
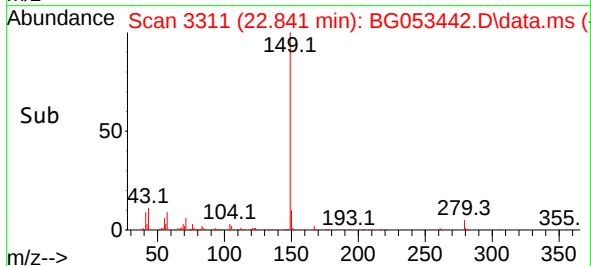
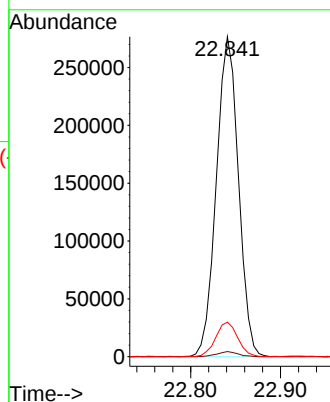
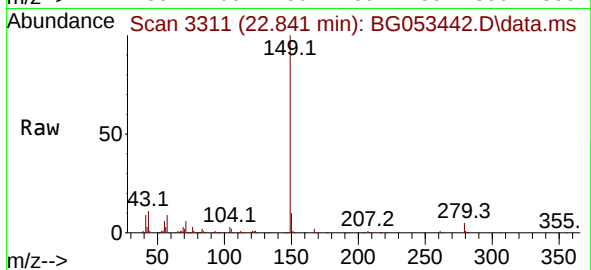
Tgt Ion:149 Resp: 473146

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.8 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.032 min Scan# 3684

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

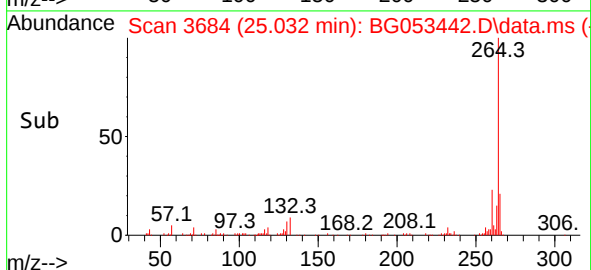
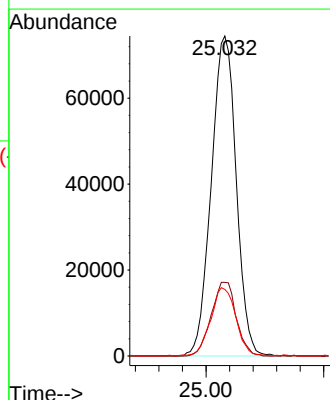
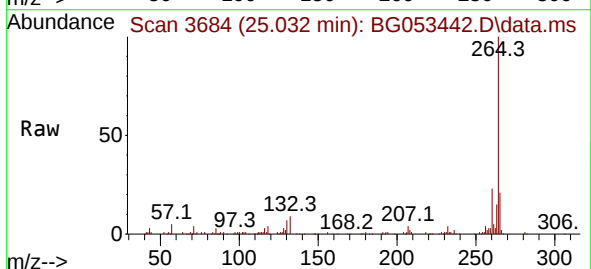
Tgt Ion:264 Resp: 218839

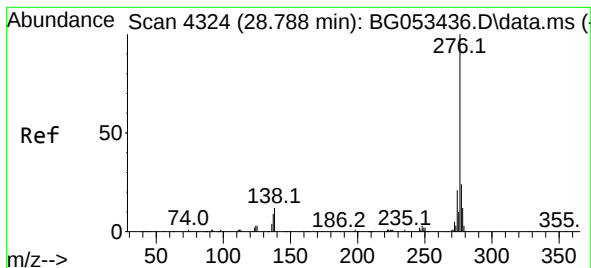
Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.6

265 20.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.066 ng

RT: 28.797 min Scan# 41

Delta R.T. 0.009 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

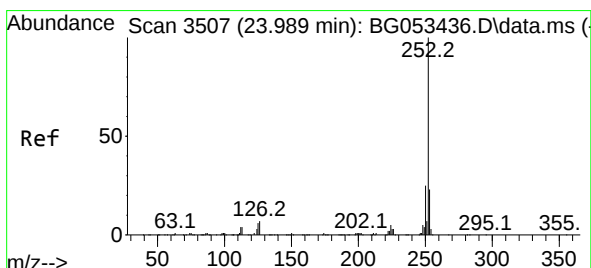
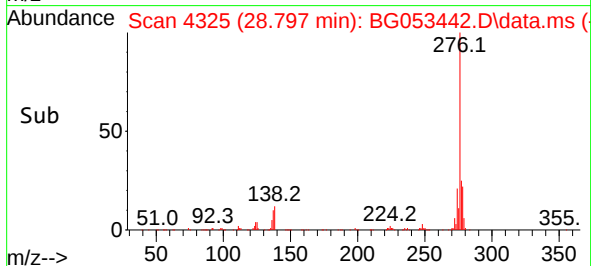
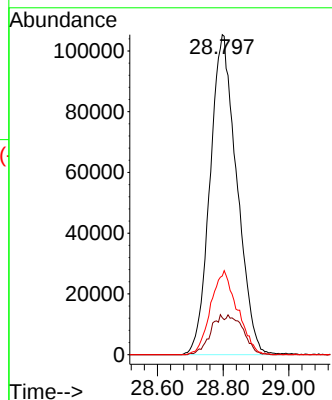
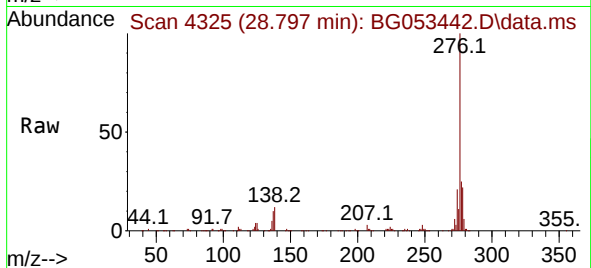
Tgt Ion:276 Resp: 595434

Ion Ratio Lower Upper

276 100

138 6.6 5.0 7.4

277 26.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 43.514 ng

RT: 23.986 min Scan# 3506

Delta R.T. -0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

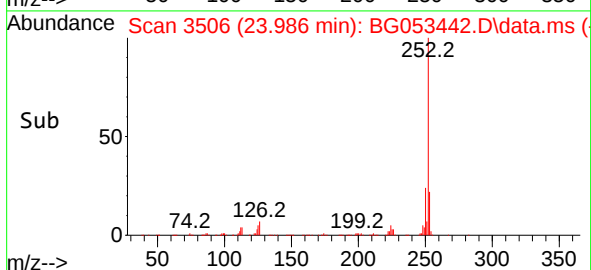
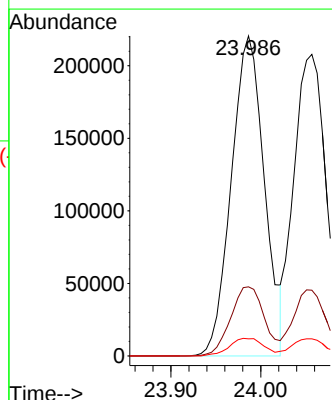
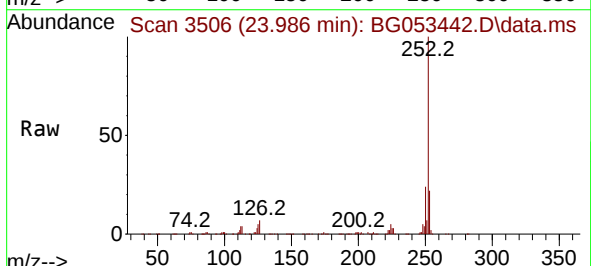
Tgt Ion:252 Resp: 563651

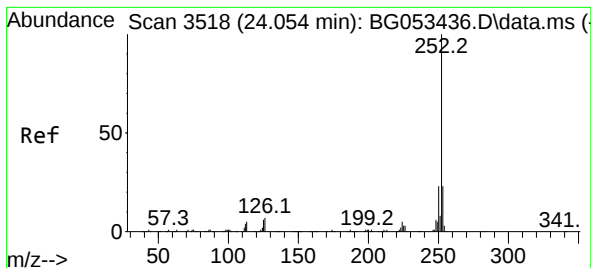
Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 5.3 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 40.676 ng

RT: 24.057 min Scan# 3518

Delta R.T. 0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

Instrument :

BNA_G

ClientSampleId :

PB144564BS

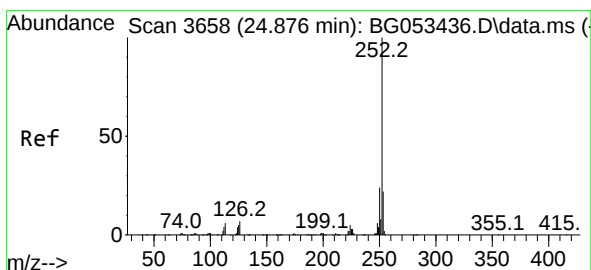
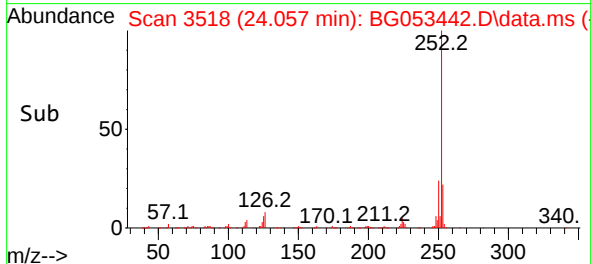
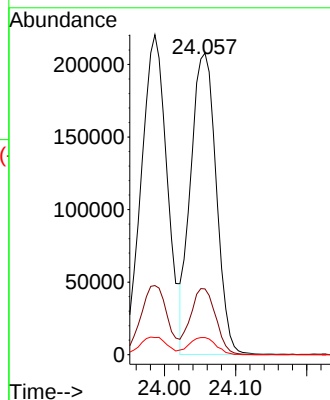
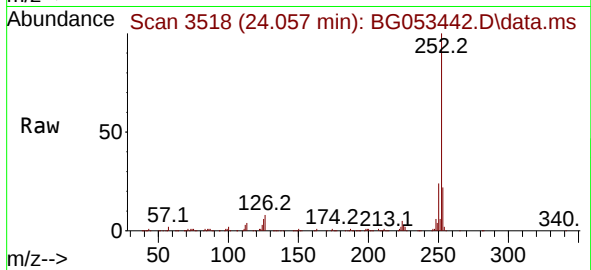
Tgt Ion:252 Resp: 517757

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

125 5.7 4.8 7.2



#90

Benzo(a)pyrene

Concen: 48.182 ng

RT: 24.879 min Scan# 3658

Delta R.T. 0.003 min

Lab File: BG053442.D

Acq: 5 May 2022 1:21

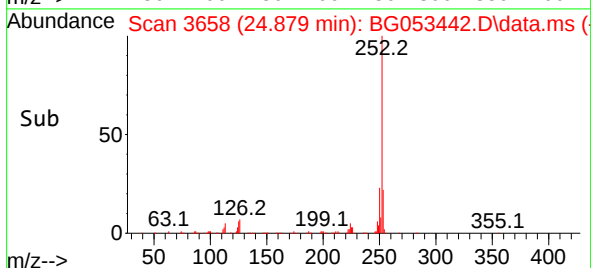
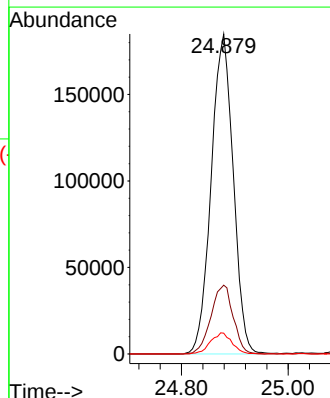
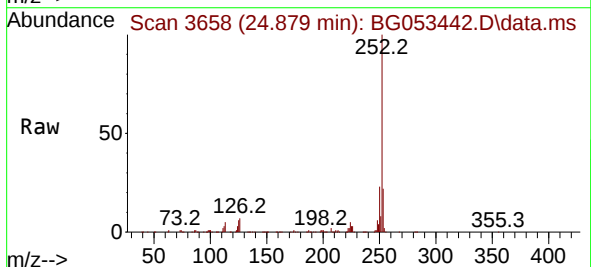
Tgt Ion:252 Resp: 531219

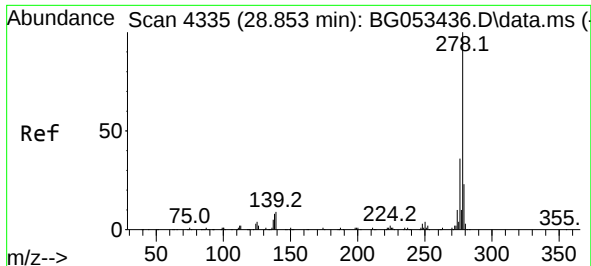
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 6.5 4.3 6.5#

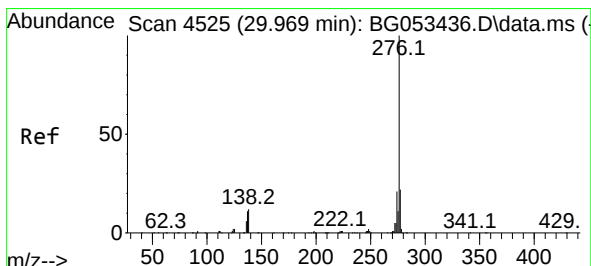
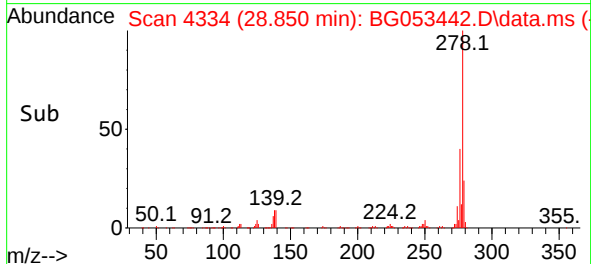
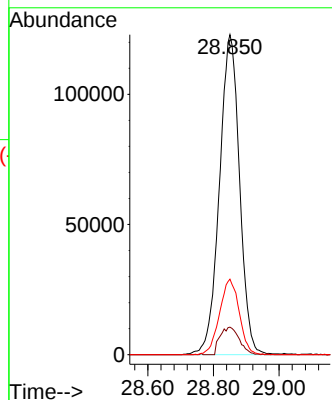
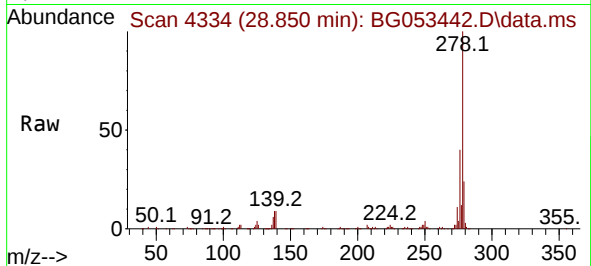




#91
Dibenzo(a,h)anthracene
Concen: 41.538 ng
RT: 28.850 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Instrument :
BNA_G
ClientSampleId :
PB144564BS

Tgt Ion:278 Resp: 521684
Ion Ratio Lower Upper
278 100
139 8.6 7.2 10.8
279 23.6 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 41.715 ng
RT: 29.966 min Scan# 4524
Delta R.T. -0.003 min
Lab File: BG053442.D
Acq: 5 May 2022 1:21

Tgt Ion:276 Resp: 519309
Ion Ratio Lower Upper
276 100
277 23.5 17.3 25.9
138 13.0 9.6 14.4

