

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053452.D
 Acq On : 5 May 2022 15:58
 Operator : CG/JU
 Sample : PB144603BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144603BS

Quant Time: May 06 03:47:07 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	8.093	152	25173	20.000	ng	0.00
21) Naphthalene-d8	10.901	136	110300	20.000	ng	-0.01
39) Acenaphthene-d10	14.719	164	87284	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	222840	20.000	ng	0.00
76) Chrysene-d12	21.739	240	218601	20.000	ng	0.00
86) Perylene-d12	25.017	264	229318	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	193624	130.539	ng	0.00
7) Phenol-d6	7.253	99	282779	125.619	ng	0.00
23) Nitrobenzene-d5	9.256	82	195381	75.404	ng	0.00
42) 2,4,6-Tribromophenol	16.205	330	149135	115.848	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	441336	73.887	ng	0.00
79) Terphenyl-d14	20.065	244	935994	79.746	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.534	88	22055	28.339	ng	# 94
3) Pyridine	3.934	79	54831	28.849	ng	97
4) n-Nitrosodimethylamine	3.846	42	38259	41.324	ng	94
6) Aniline	7.411	93	103954	41.694	ng	98
8) 2-Chlorophenol	7.658	128	69987	45.135	ng	98
9) Benzaldehyde	7.223	77	51896	36.289	ng	96
10) Phenol	7.282	94	97331	44.209	ng	93
11) bis(2-Chloroethyl)ether	7.505	93	66244	40.344	ng	96
12) 1,3-Dichlorobenzene	7.981	146	70893	38.755	ng	94
13) 1,4-Dichlorobenzene	8.128	146	74367	40.287	ng	98
14) 1,2-Dichlorobenzene	8.445	146	70982	40.949	ng	98
15) Benzyl Alcohol	8.328	79	81653	43.387	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.616	45	108682	40.668	ng	98
17) 2-Methylphenol	8.539	107	66233	44.510	ng	97
18) Hexachloroethane	9.180	117	27487	39.212	ng	99
19) n-Nitroso-di-n-propyla...	8.892	70	64592	39.992	ng	96
20) 3+4-Methylphenols	8.862	107	91092	43.344	ng	98
22) Acetophenone	8.915	105	111345	36.884	ng	# 99
24) Nitrobenzene	9.297	77	99528	39.686	ng	95
25) Isophorone	9.820	82	181487	41.618	ng	99
26) 2-Nitrophenol	10.014	139	41320	40.680	ng	91
27) 2,4-Dimethylphenol	10.067	122	72276	47.282	ng	98
28) bis(2-Chloroethoxy)met...	10.296	93	97959	39.059	ng	97
29) 2,4-Dichlorophenol	10.554	162	79241	42.951	ng	91
30) 1,2,4-Trichlorobenzene	10.766	180	79406	37.882	ng	97
31) Naphthalene	10.954	128	216133	38.522	ng	98
32) Benzoic acid	10.231	122	27724	32.371	ng	89
33) 4-Chloroaniline	11.059	127	76924	32.738	ng	95
34) Hexachlorobutadiene	11.236	225	57779	37.173	ng	97
35) Caprolactam	11.829	113	11496	17.147	ng	97
36) 4-Chloro-3-methylphenol	12.181	107	92502	41.916	ng	94
37) 2-Methylnaphthalene	12.552	142	164048	39.179	ng	97
38) 1-Methylnaphthalene	12.769	142	155903	38.163	ng	98
40) 1,2,4,5-Tetrachloroben...	12.922	216	104490	37.978	ng	99
41) Hexachlorocyclopentadiene	12.898	237	103588	91.061	ng	98
43) 2,4,6-Trichlorophenol	13.162	196	71031	39.551	ng	98

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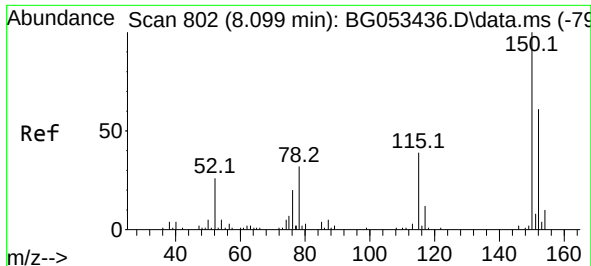
Quant Time: May 06 03:47:07 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	76835	40.199	ng	99
46) 1,1'-Biphenyl	13.550	154	228253	38.364	ng	98
47) 2-Chloronaphthalene	13.597	162	176438	37.851	ng	99
48) 2-Nitroaniline	13.797	65	72239	41.590	ng	98
49) Acenaphthylene	14.437	152	307442	41.332	ng	99
50) Dimethylphthalate	14.167	163	259693	39.153	ng	99
51) 2,6-Dinitrotoluene	14.285	165	56213	41.599	ng	97
52) Acenaphthene	14.784	154	172771	38.975	ng	99
53) 3-Nitroaniline	14.619	138	47515	32.543	ng	94
54) 2,4-Dinitrophenol	14.831	184	65118	76.234	ng	98
55) Dibenzofuran	15.113	168	298782	37.525	ng	99
56) 4-Nitrophenol	14.937	139	86159	82.618	ng	88
57) 2,4-Dinitrotoluene	15.078	165	82986	42.367	ng	# 87
58) Fluorene	15.765	166	250359	39.182	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.342	232	76234	39.310	ng	97
60) Diethylphthalate	15.524	149	270292	39.450	ng	98
61) 4-Chlorophenyl-phenyle...	15.747	204	136751	38.354	ng	98
62) 4-Nitroaniline	15.782	138	59650	39.389	ng	98
63) Azobenzene	16.041	77	270431	38.545	ng	100
65) 4,6-Dinitro-2-methylph...	15.847	198	49785	37.493	ng	96
66) n-Nitrosodiphenylamine	15.965	169	226358	38.689	ng	99
67) 4-Bromophenyl-phenylether	16.646	248	100650	38.674	ng	97
68) Hexachlorobenzene	16.775	284	110634	38.816	ng	98
69) Atrazine	16.904	200	97535	39.599	ng	94
70) Pentachlorophenol	17.122	266	110952	72.733	ng	93
71) Phenanthrene	17.504	178	439373	38.776	ng	97
72) Anthracene	17.592	178	445850	40.032	ng	99
73) Carbazole	17.862	167	406734	37.263	ng	99
74) Di-n-butylphthalate	18.408	149	476397	38.807	ng	99
75) Fluoranthene	19.513	202	568956	38.780	ng	99
77) Benzidine	19.683	184	288121	61.151	ng	100
78) Pyrene	19.871	202	560411	39.602	ng	100
80) Butylbenzylphthalate	20.746	149	205832	39.666	ng	99
81) Benzo(a)anthracene	21.721	228	564020	40.452	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	157053	44.419	ng	99
83) Chrysene	21.786	228	505946	38.853	ng	98
84) Bis(2-ethylhexyl)phtha...	21.610	149	294024	41.052	ng	100
85) Di-n-octyl phthalate	22.838	149	504388	41.646	ng	99
87) Indeno(1,2,3-cd)pyrene	28.783	276	636287	39.839	ng	# 95
88) Benzo(b)fluoranthene	23.977	252	584482	43.060	ng	99
89) Benzo(k)fluoranthene	24.048	252	562412	42.165	ng	97
90) Benzo(a)pyrene	24.870	252	567603	49.129	ng	99
91) Dibenzo(a,h)anthracene	28.841	278	548648	41.689	ng	97
92) Benzo(g,h,i)perylene	29.963	276	553266	42.411	ng	95

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

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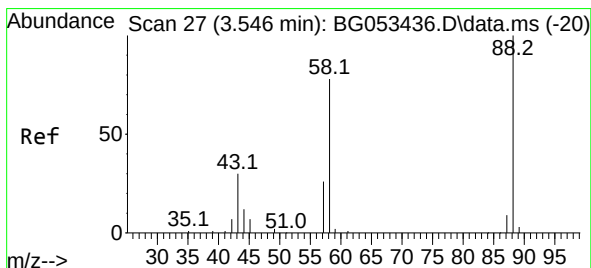
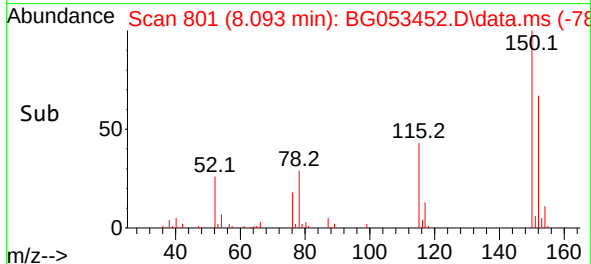
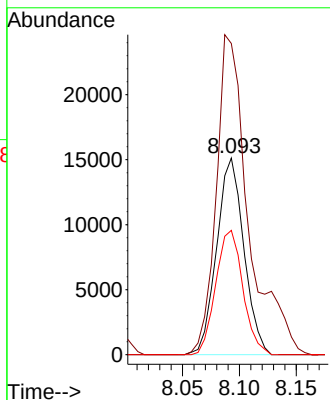
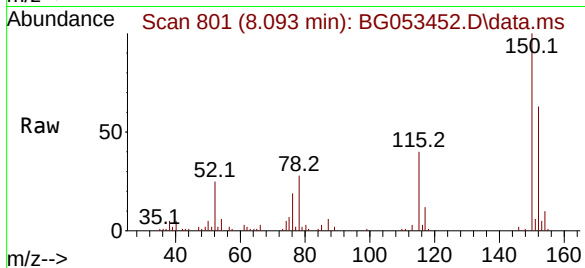




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

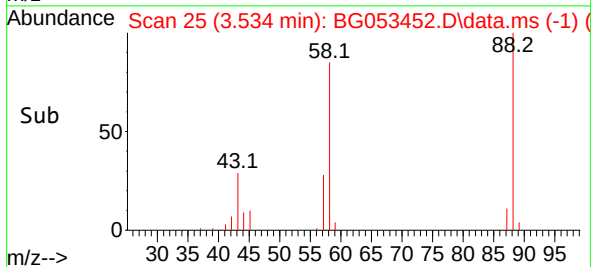
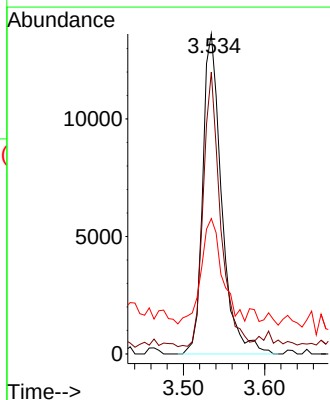
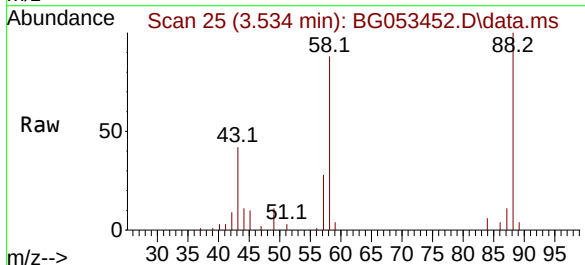
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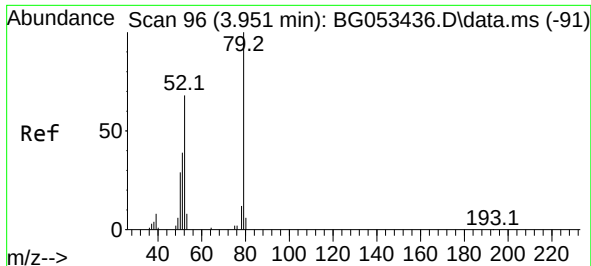
Tgt Ion:152 Resp: 25173
Ion Ratio Lower Upper
152 100
150 158.3 131.6 197.4
115 63.2 50.9 76.3



#2
1,4-Dioxane
Concen: 28.339 ng
RT: 3.534 min Scan# 25
Delta R.T. -0.012 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion: 88 Resp: 22055
Ion Ratio Lower Upper
88 100
58 77.5 59.2 88.8
43 36.8 24.3 36.5#

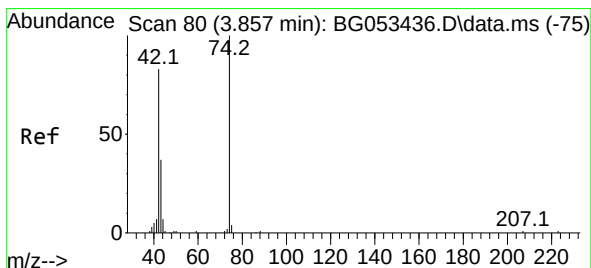
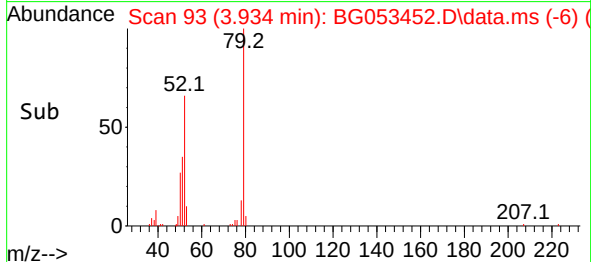
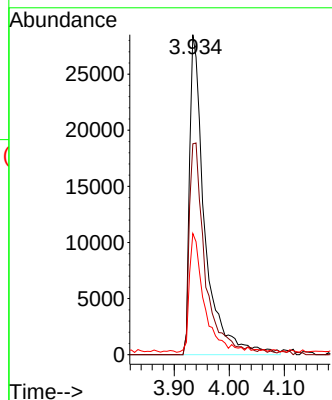
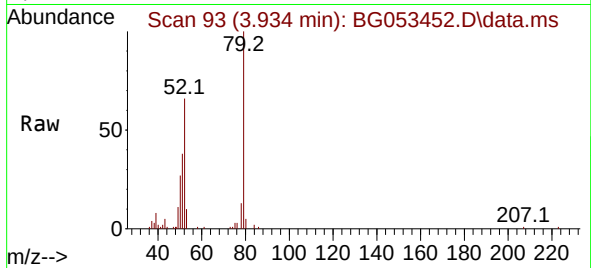




#3
Pyridine
Concen: 28.849 ng
RT: 3.934 min Scan# 91
Delta R.T. -0.018 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

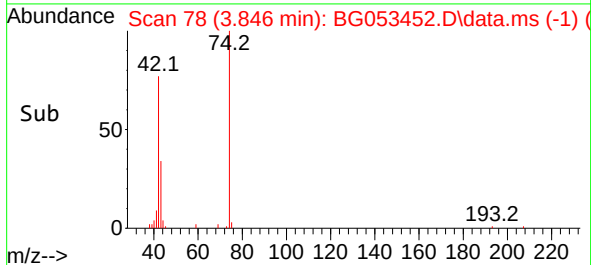
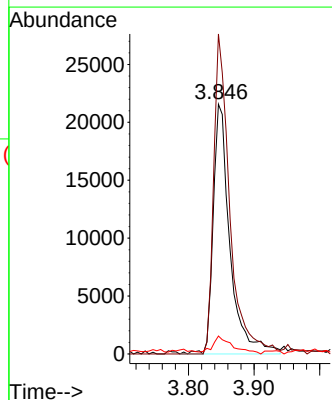
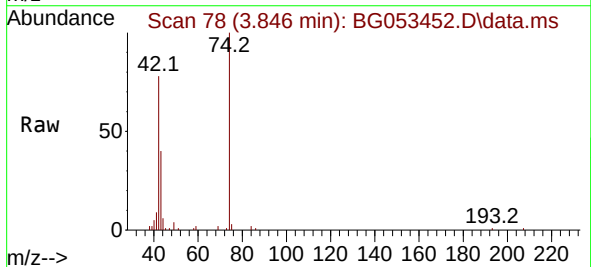
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ClientSampleId :
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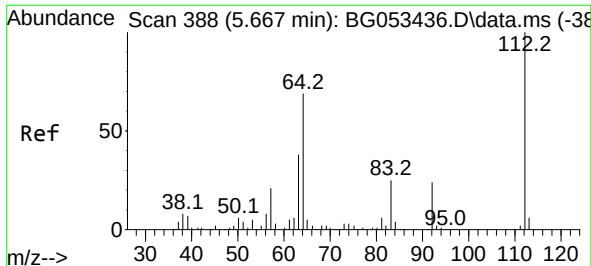
Tgt Ion: 79 Resp: 54831
Ion Ratio Lower Upper
79 100
52 65.9 54.6 81.8
51 37.9 32.5 48.7



#4
n-Nitrosodimethylamine
Concen: 41.324 ng
RT: 3.846 min Scan# 78
Delta R.T. -0.012 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion: 42 Resp: 38259
Ion Ratio Lower Upper
42 100
74 128.1 97.0 145.4
44 7.2 7.0 10.4

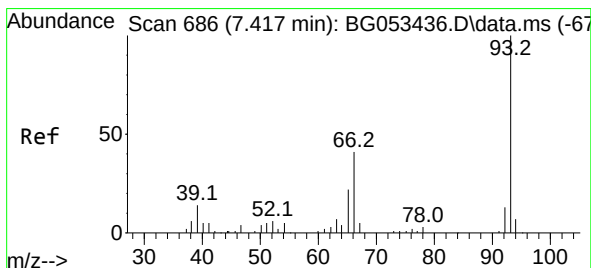
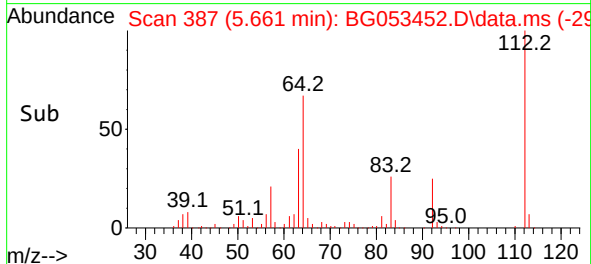
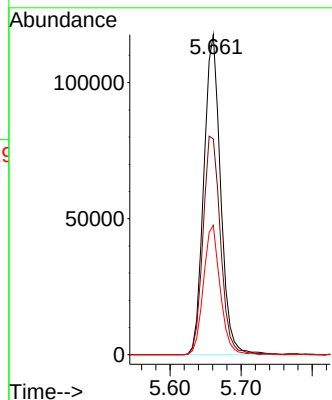
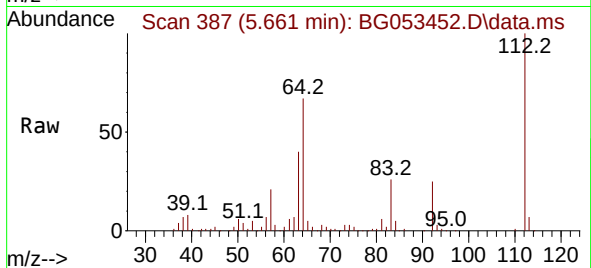




#5
2-Fluorophenol
Concen: 130.539 ng
RT: 5.661 min Scan# 388
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

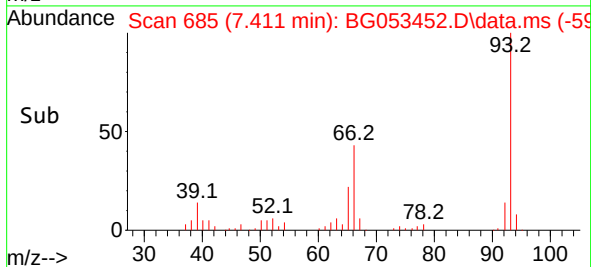
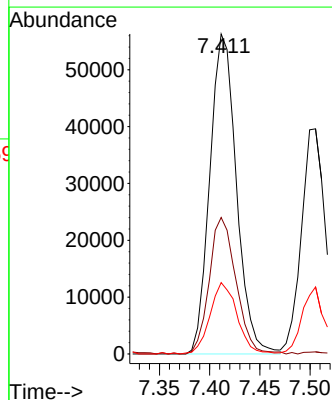
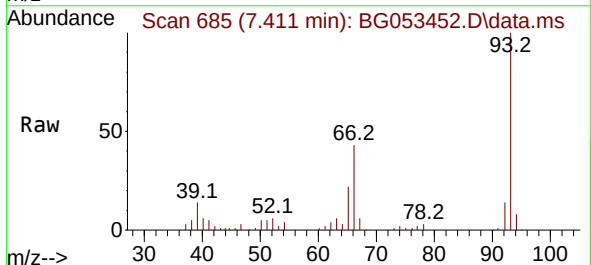
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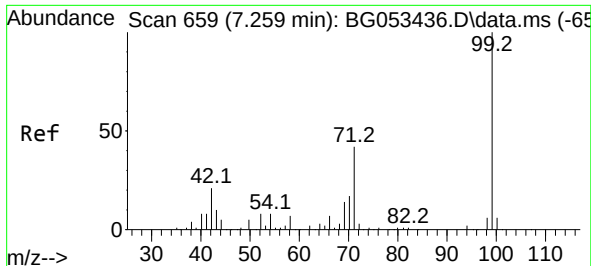
Tgt Ion:112 Resp: 193624
Ion Ratio Lower Upper
112 100
64 67.4 55.1 82.7
63 40.4 30.4 45.6



#6
Aniline
Concen: 41.694 ng
RT: 7.411 min Scan# 685
Delta R.T. -0.006 min
Lab File: BG053452.D
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Tgt Ion: 93 Resp: 103954
Ion Ratio Lower Upper
93 100
66 42.6 32.9 49.3
65 22.3 17.8 26.8

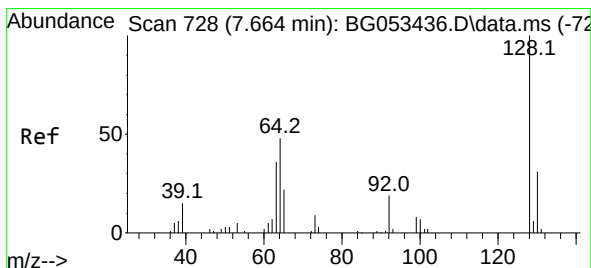
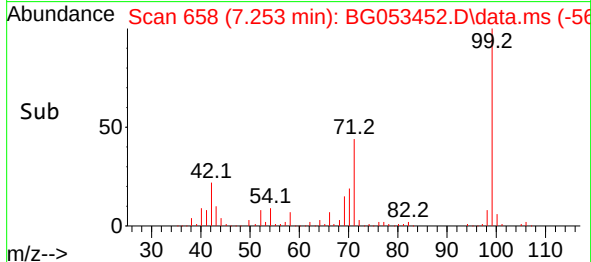
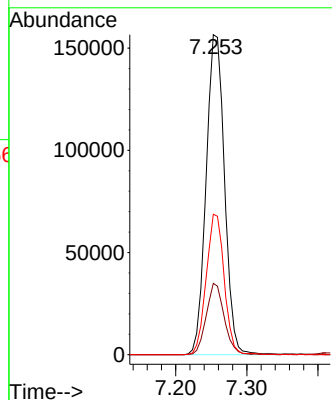
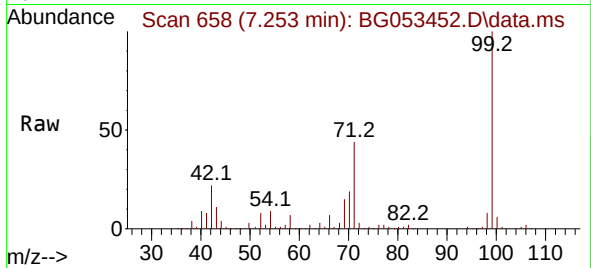




#7
Phenol-d6
Concen: 125.619 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

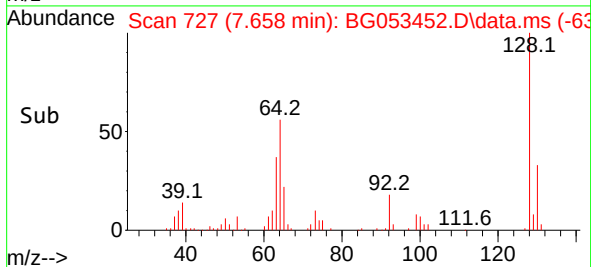
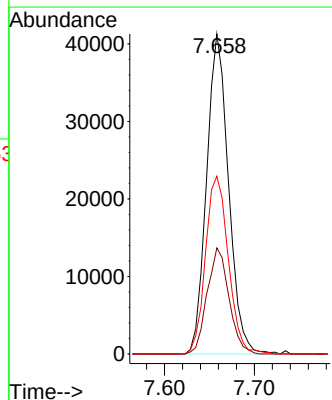
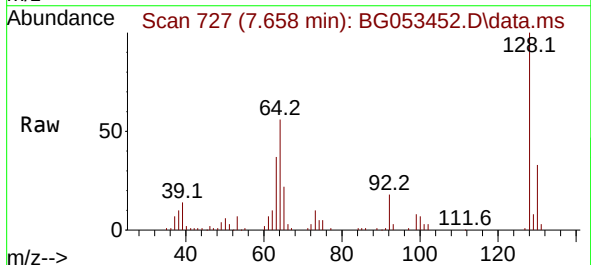
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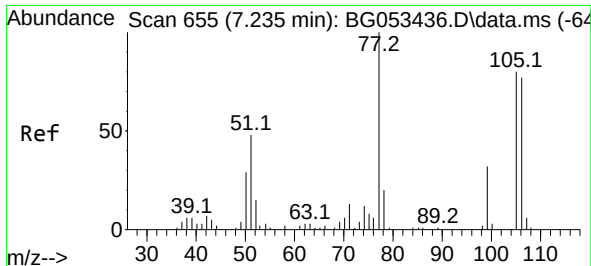
Tgt Ion: 99 Resp: 282779
Ion Ratio Lower Upper
99 100
42 22.3 17.0 25.6
71 43.9 33.8 50.8



#8
2-Chlorophenol
Concen: 45.135 ng
RT: 7.658 min Scan# 727
Delta R.T. -0.006 min
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Tgt Ion: 128 Resp: 69987
Ion Ratio Lower Upper
128 100
130 33.2 10.5 50.5
64 55.6 35.1 75.1

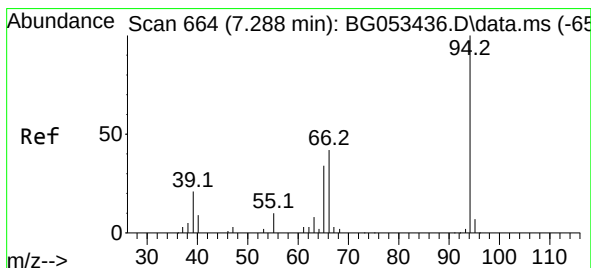
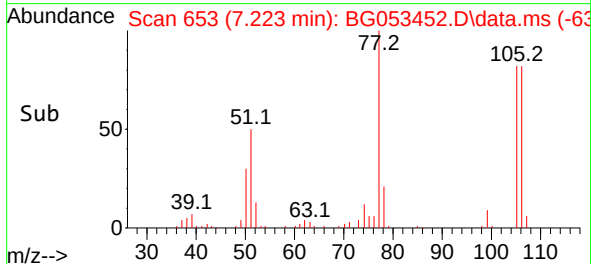
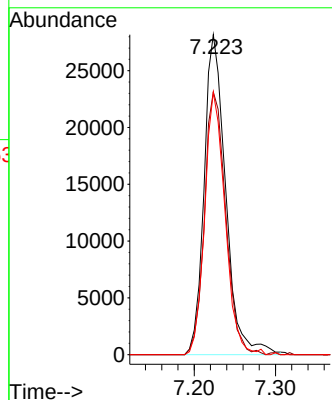
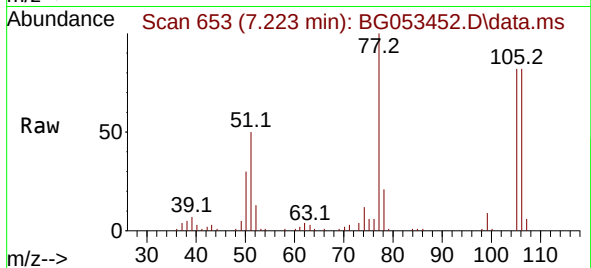




#9
Benzaldehyde
Concen: 36.289 ng
RT: 7.223 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

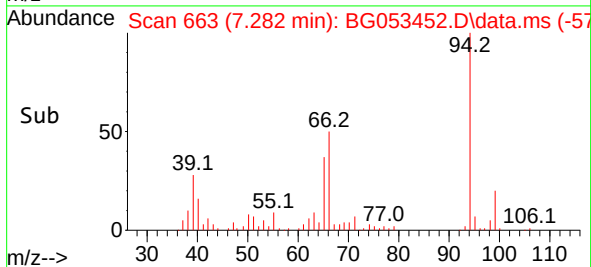
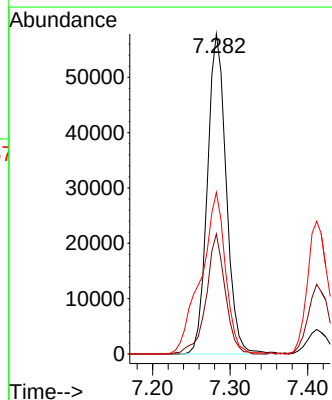
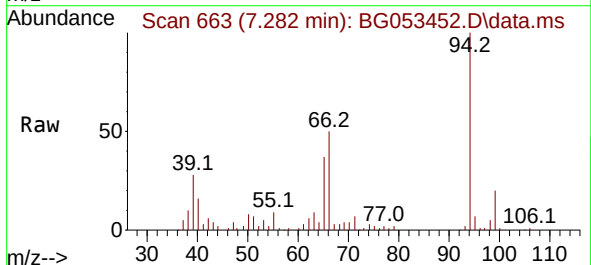
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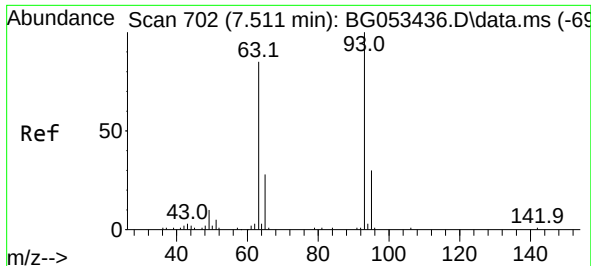
Tgt Ion: 77 Resp: 51896
Ion Ratio Lower Upper
77 100
105 82.1 59.6 99.6
106 82.0 56.8 96.8



#10
Phenol
Concen: 44.209 ng
RT: 7.282 min Scan# 663
Delta R.T. -0.006 min
Lab File: BG053452.D
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Tgt Ion: 94 Resp: 97331
Ion Ratio Lower Upper
94 100
65 37.5 14.8 54.8
66 50.5 25.2 65.2

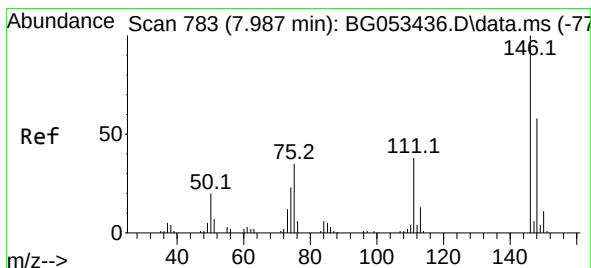
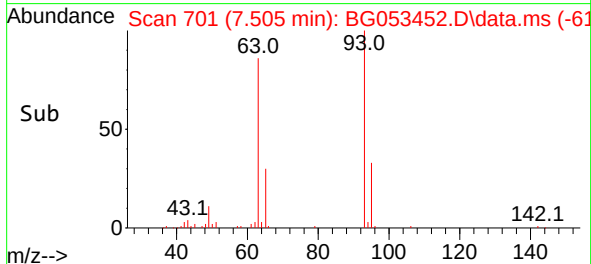
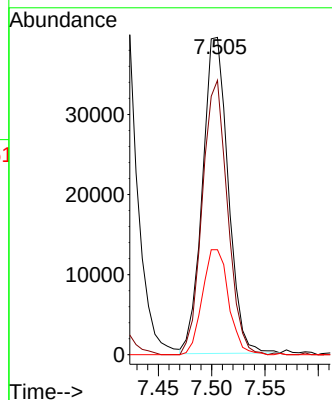
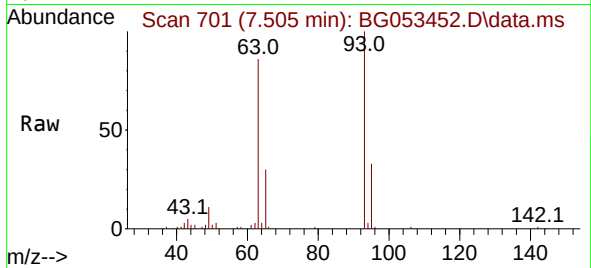




#11
bis(2-Chloroethyl)ether
Concen: 40.344 ng
RT: 7.505 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

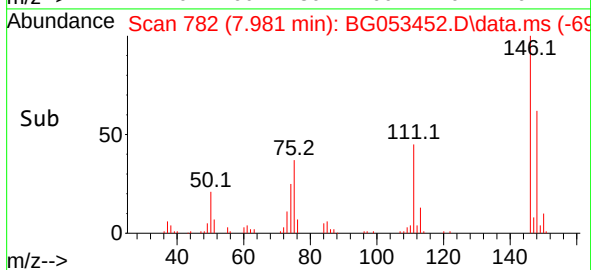
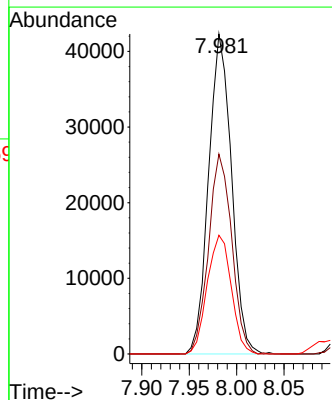
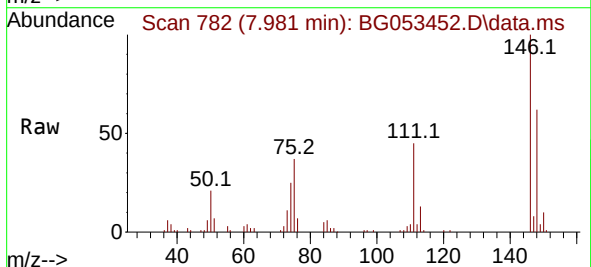
Instrument :
BNA_G
ClientSampleId :
PB144603BS

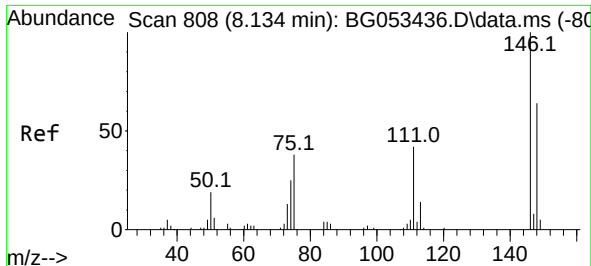
Tgt Ion: 93 Resp: 66244
Ion Ratio Lower Upper
93 100
63 86.5 63.6 103.6
95 33.1 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 38.755 ng
RT: 7.981 min Scan# 782
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion: 146 Resp: 70893
Ion Ratio Lower Upper
146 100
148 62.4 46.1 69.1
75 37.1 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 40.287 ng

RT: 8.128 min Scan# 808

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

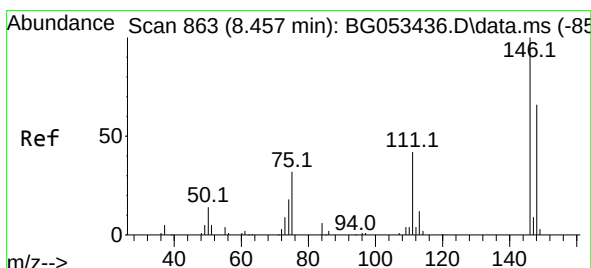
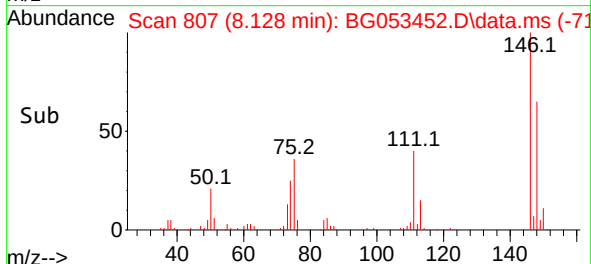
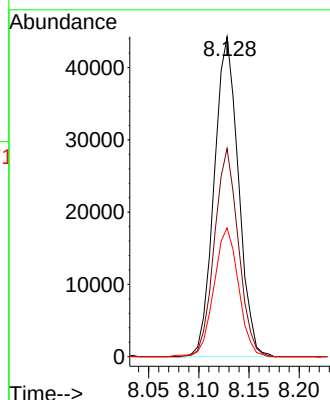
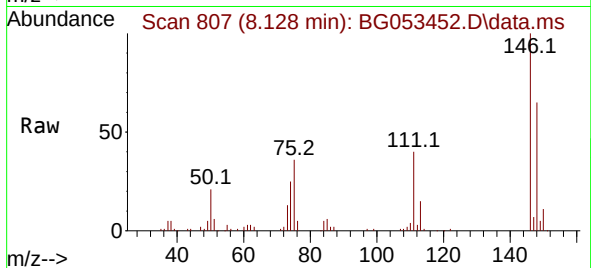
Tgt Ion:146 Resp: 74367

Ion Ratio Lower Upper

146 100

148 65.0 51.5 77.3

111 40.3 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 40.949 ng

RT: 8.445 min Scan# 861

Delta R.T. -0.012 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

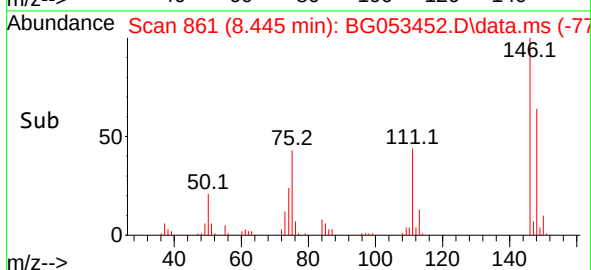
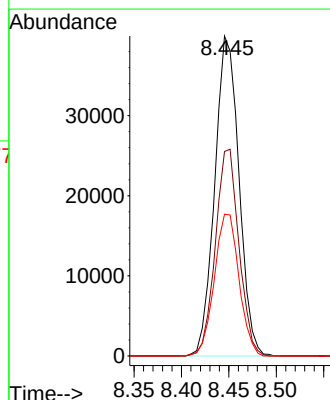
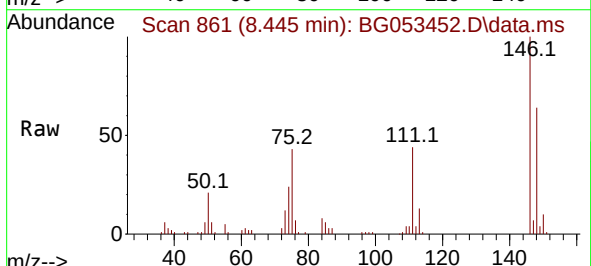
Tgt Ion:146 Resp: 70982

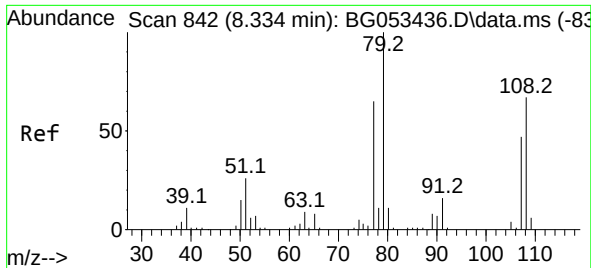
Ion Ratio Lower Upper

146 100

148 63.9 52.6 78.8

111 44.3 34.5 51.7

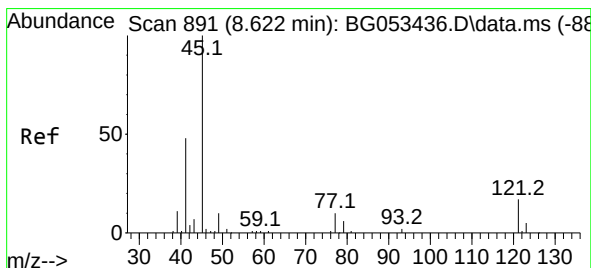
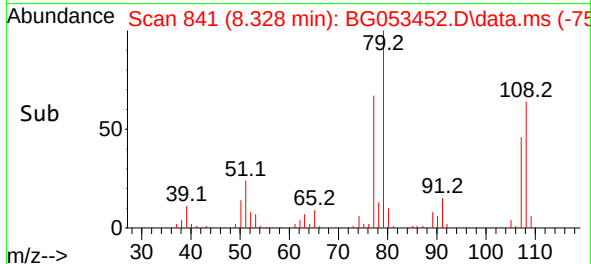
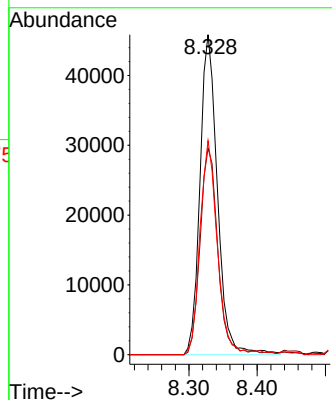
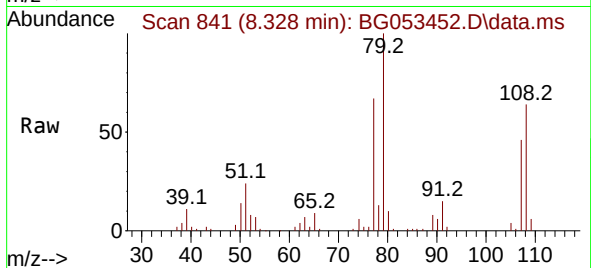




#15
Benzyl Alcohol
Concen: 43.387 ng
RT: 8.328 min Scan# 841
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

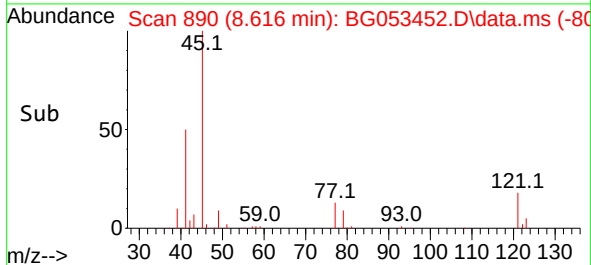
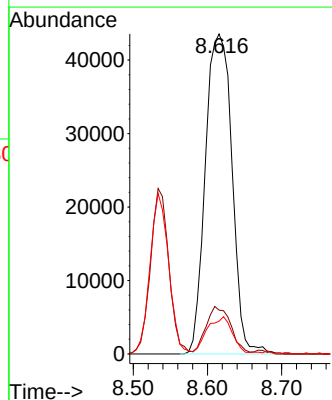
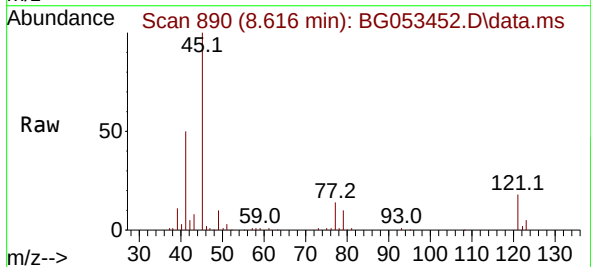
Instrument :
BNA_G
ClientSampleId :
PB144603BS

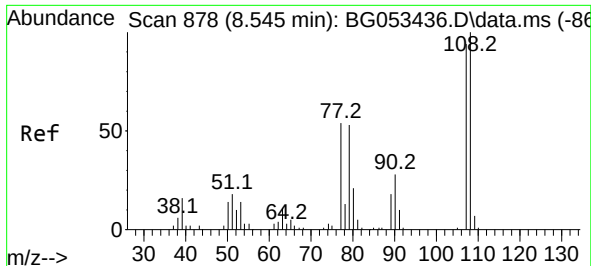
Tgt Ion: 79 Resp: 81653
Ion Ratio Lower Upper
79 100
108 64.5 53.7 80.5
77 66.9 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.668 ng
RT: 8.616 min Scan# 890
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion: 45 Resp: 108682
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.7
79 10.3 0.0 29.7

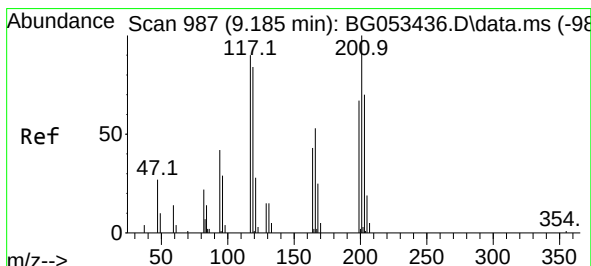
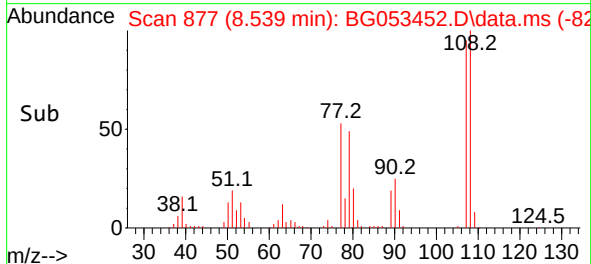
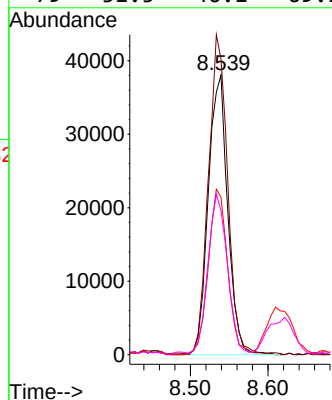
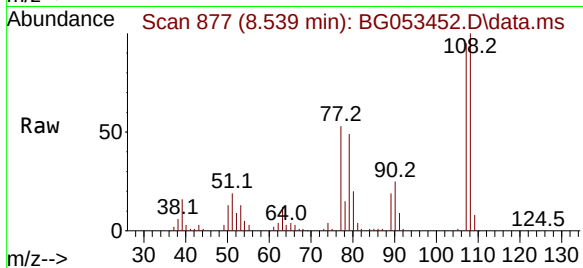




#17
2-Methylphenol
Concen: 44.510 ng
RT: 8.539 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

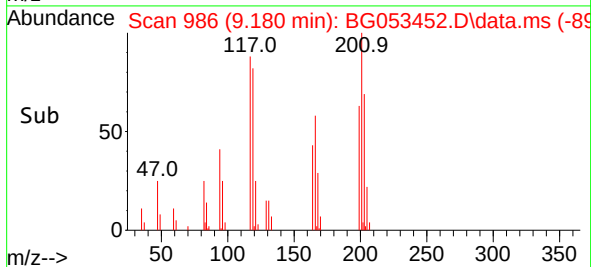
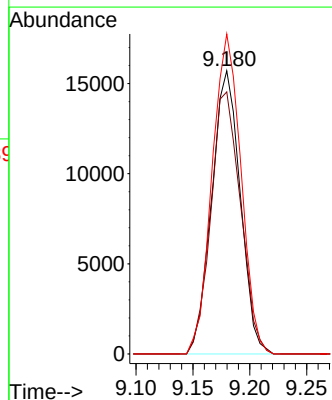
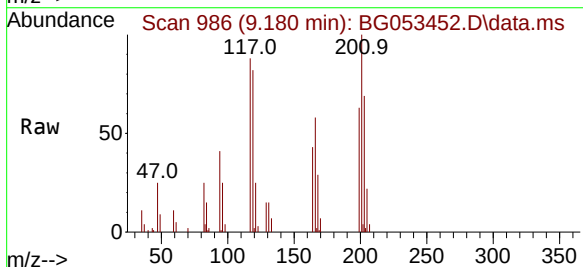
Instrument :
BNA_G
ClientSampleId :
PB144603BS

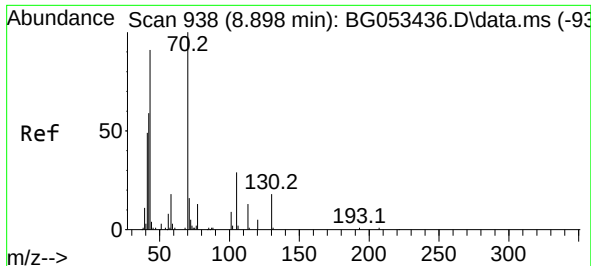
Tgt Ion:107 Resp: 66233
Ion Ratio Lower Upper
107 100
108 105.6 85.4 128.0
77 56.3 46.2 69.2
79 51.5 46.1 69.1



#18
Hexachloroethane
Concen: 39.212 ng
RT: 9.180 min Scan# 986
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:117 Resp: 27487
Ion Ratio Lower Upper
117 100
119 92.6 75.0 112.6
201 113.0 89.0 133.6

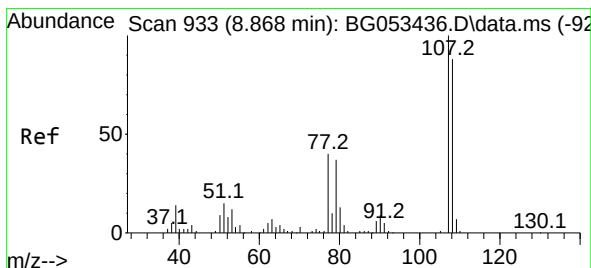
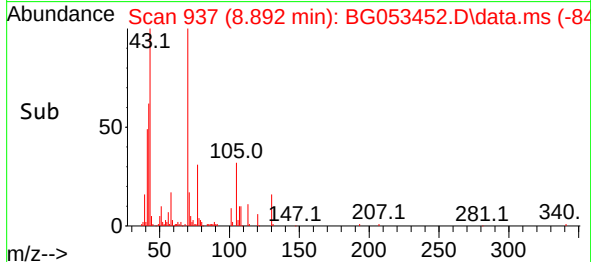
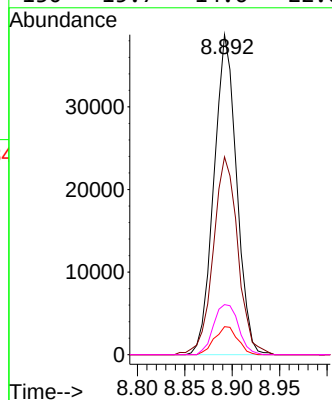
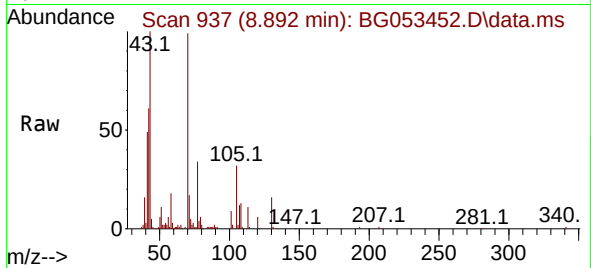




#19
n-Nitroso-di-n-propylamine
Concen: 39.992 ng
RT: 8.892 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

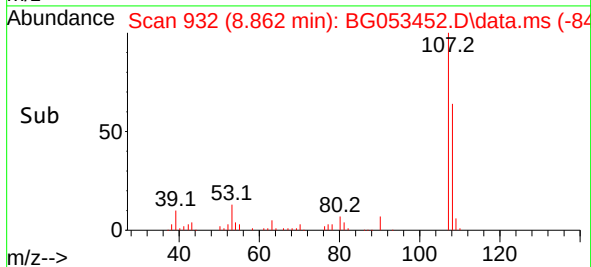
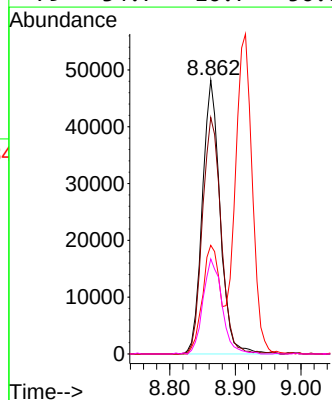
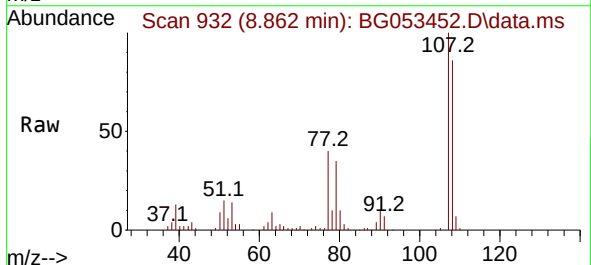
Instrument :
BNA_G
ClientSampleId :
PB144603BS

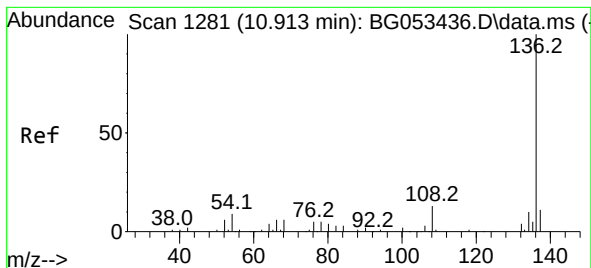
Tgt Ion: 70 Resp: 64592
Ion Ratio Lower Upper
70 100
42 61.8 47.3 70.9
101 8.8 7.0 10.4
130 15.7 14.6 22.0



#20
3+4-Methylphenols
Concen: 43.344 ng
RT: 8.862 min Scan# 932
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion: 107 Resp: 91092
Ion Ratio Lower Upper
107 100
108 86.3 67.5 107.5
77 39.7 20.3 60.3
79 34.7 16.7 56.7

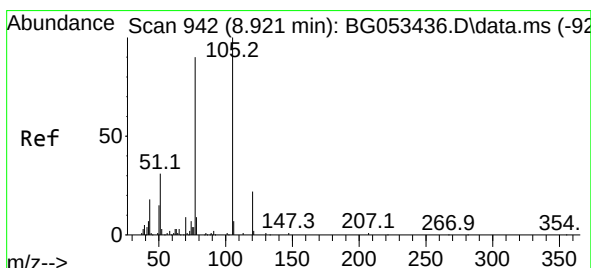
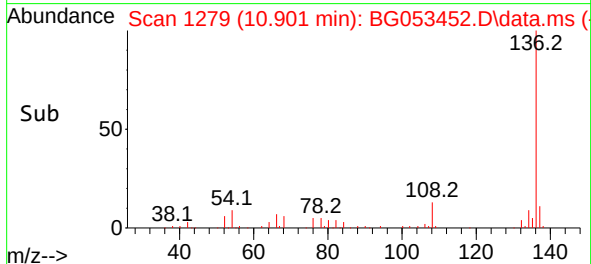
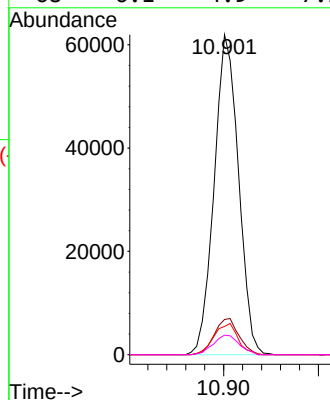
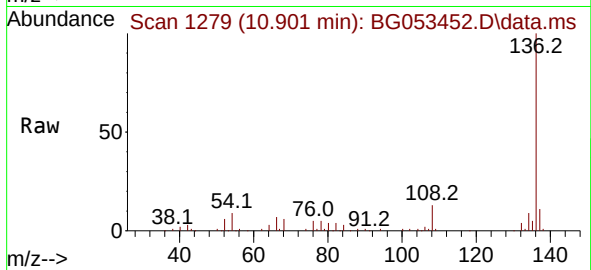




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.901 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

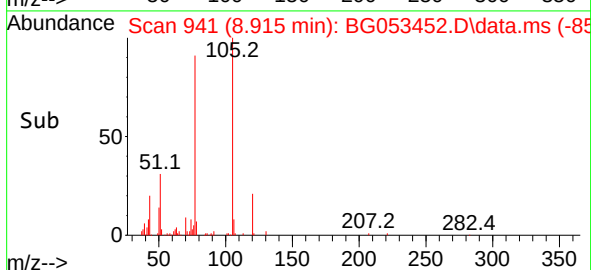
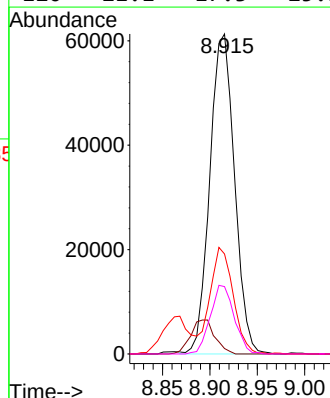
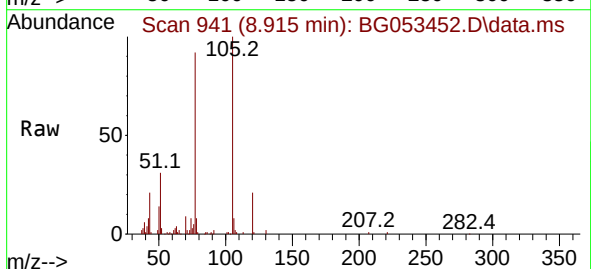
Instrument :
BNA_G
ClientSampleId :
PB144603BS

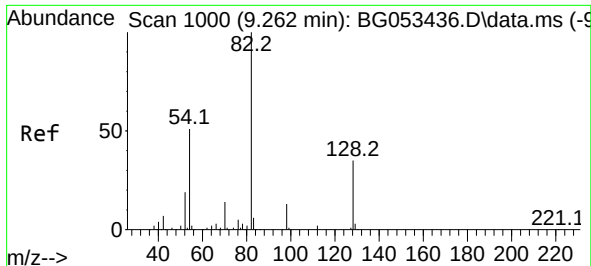
Tgt Ion:136 Resp: 110300
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 8.8 7.4 11.2
68 6.1 4.9 7.3



#22
Acetophenone
Concen: 36.884 ng
RT: 8.915 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:105 Resp: 111345
Ion Ratio Lower Upper
105 100
71 1.7 1.1 1.7#
51 31.2 25.4 38.0
120 21.1 17.3 25.9





#23

Nitrobenzene-d5

Concen: 75.404 ng

RT: 9.256 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

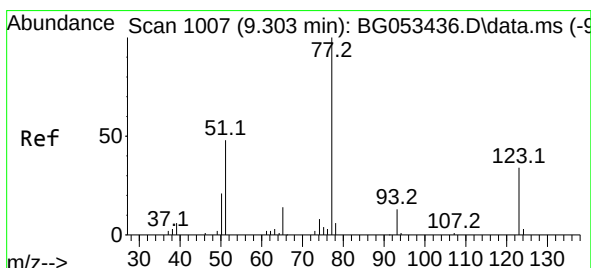
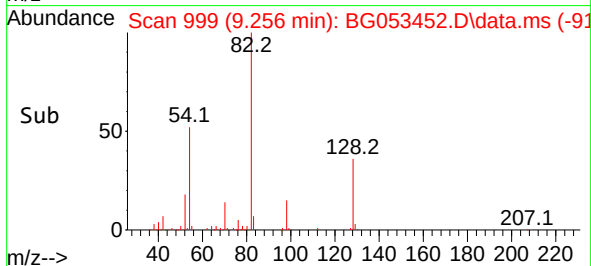
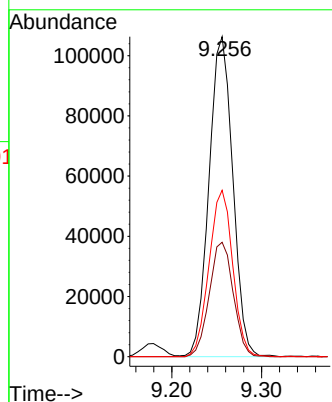
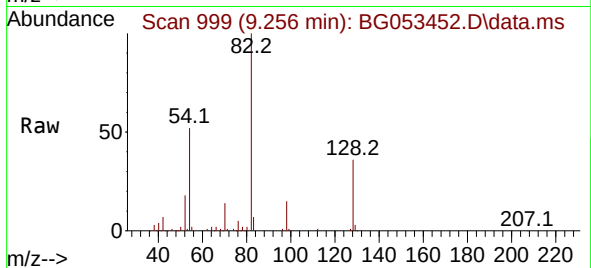
Tgt Ion: 82 Resp: 195381

Ion Ratio Lower Upper

82 100

128 35.7 27.9 41.9

54 52.0 41.2 61.8



#24

Nitrobenzene

Concen: 39.686 ng

RT: 9.297 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

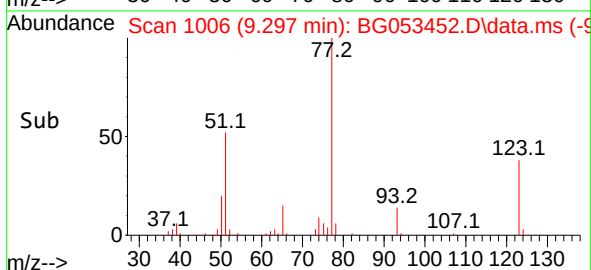
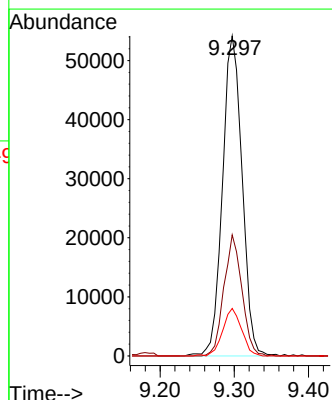
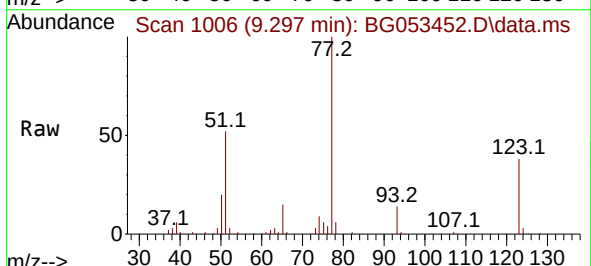
Tgt Ion: 77 Resp: 99528

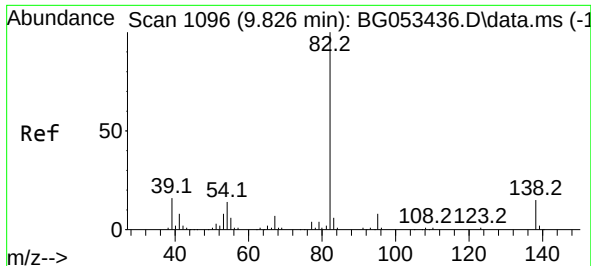
Ion Ratio Lower Upper

77 100

123 37.8 27.4 41.0

65 14.8 11.4 17.0

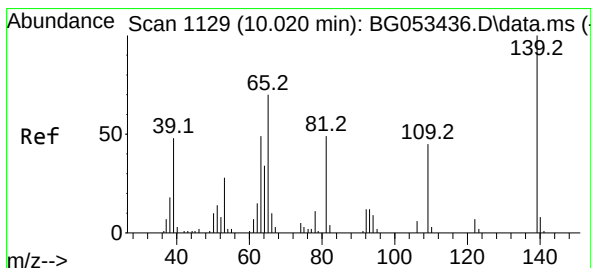
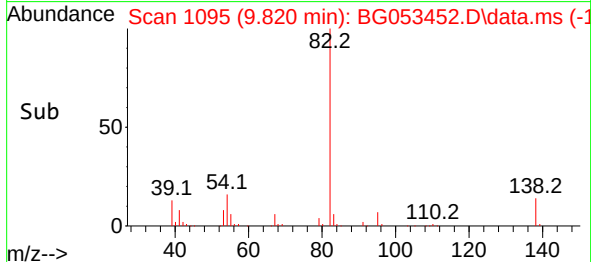
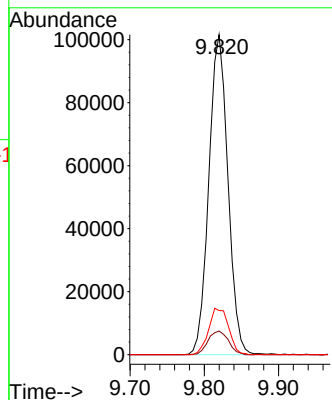
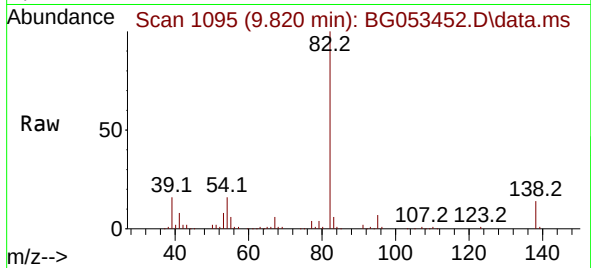




#25
Isophorone
Concen: 41.618 ng
RT: 9.820 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

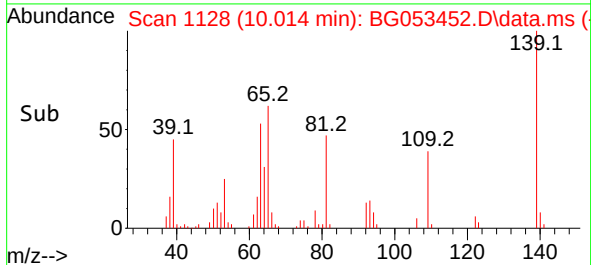
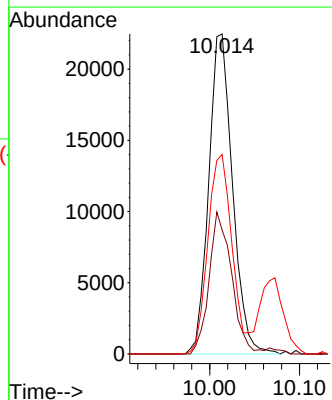
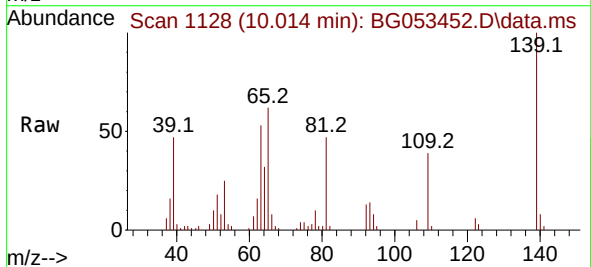
Instrument :
BNA_G
ClientSampleId :
PB144603BS

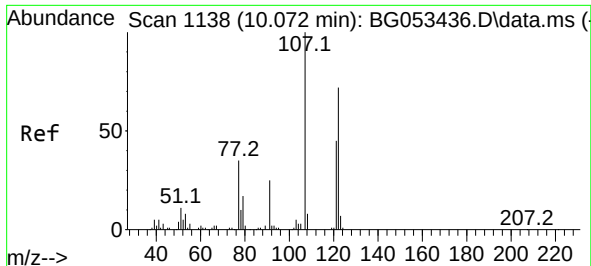
Tgt Ion: 82 Resp: 181487
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.4
138 13.8 11.6 17.4



#26
2-Nitrophenol
Concen: 40.680 ng
RT: 10.014 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion: 139 Resp: 41320
Ion Ratio Lower Upper
139 100
109 38.7 36.1 54.1
65 62.3 55.8 83.6

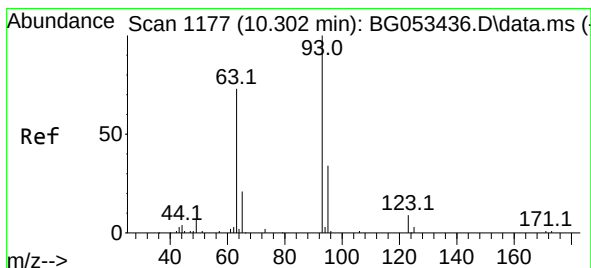
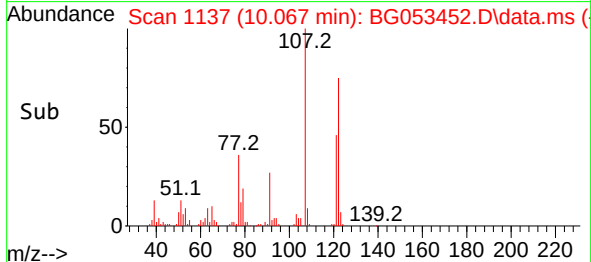
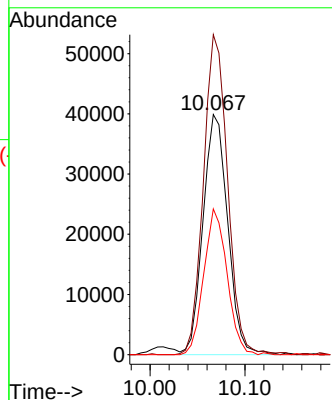
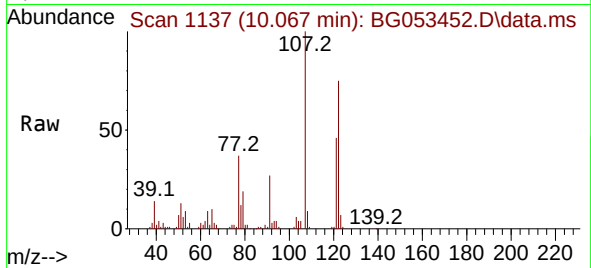




#27
2,4-Dimethylphenol
Concen: 47.282 ng
RT: 10.067 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

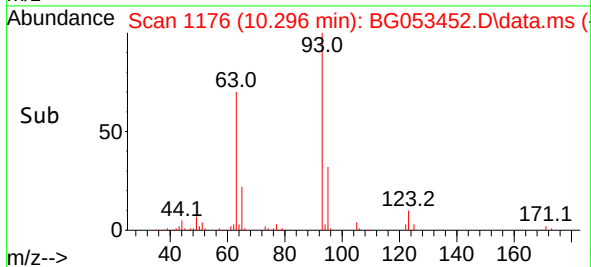
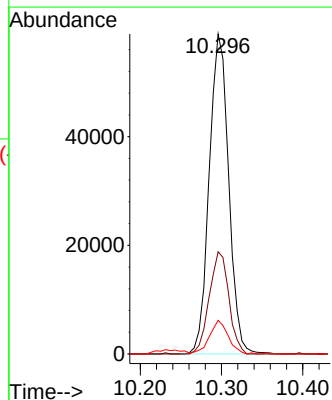
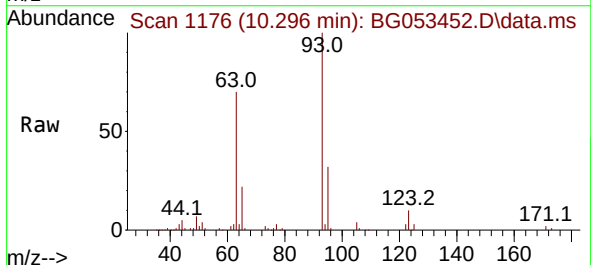
Instrument :
BNA_G
ClientSampleId :
PB144603BS

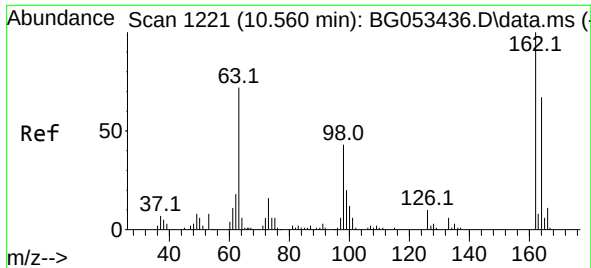
Tgt Ion:122 Resp: 72276
Ion Ratio Lower Upper
122 100
107 133.2 109.4 164.0
121 60.7 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.059 ng
RT: 10.296 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion: 93 Resp: 97959
Ion Ratio Lower Upper
93 100
95 32.0 26.9 40.3
123 10.5 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 42.951 ng

RT: 10.554 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

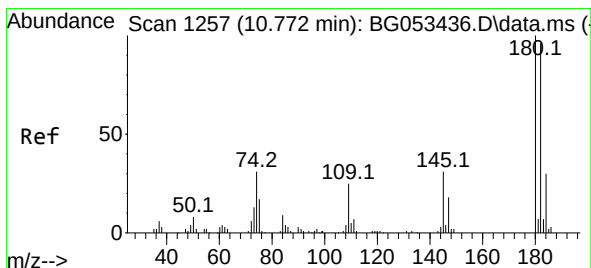
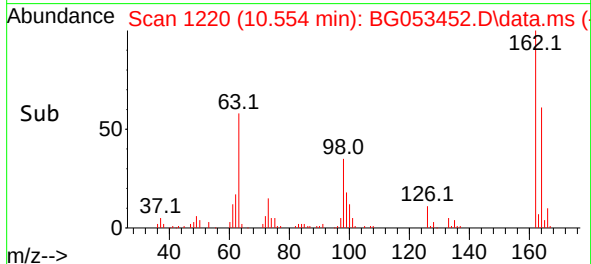
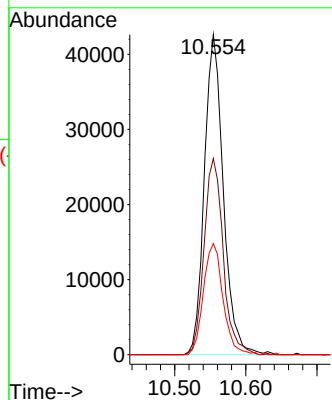
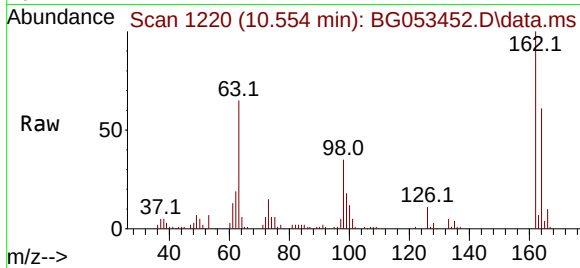
Tgt Ion:162 Resp: 79241

Ion Ratio Lower Upper

162 100

164 61.3 46.6 86.6

98 34.7 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 37.882 ng

RT: 10.766 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

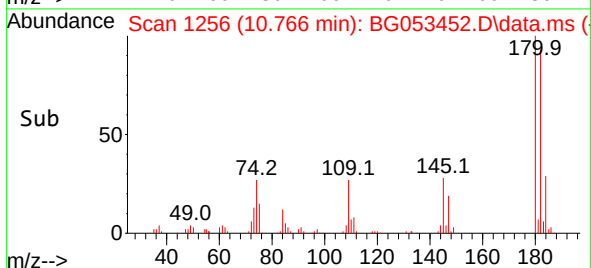
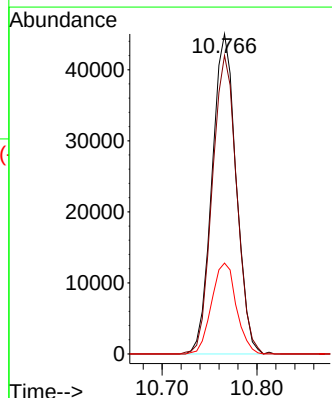
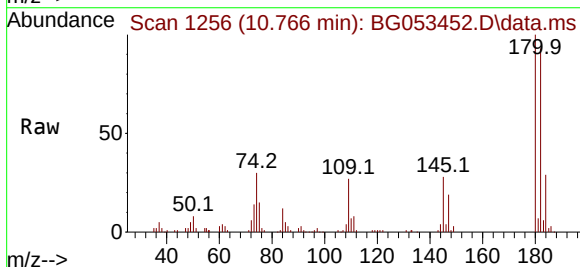
Tgt Ion:180 Resp: 79406

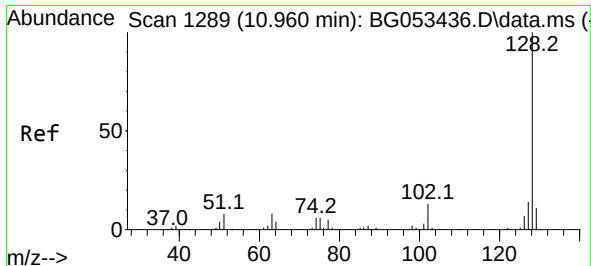
Ion Ratio Lower Upper

180 100

182 93.3 76.6 115.0

145 28.4 25.0 37.4

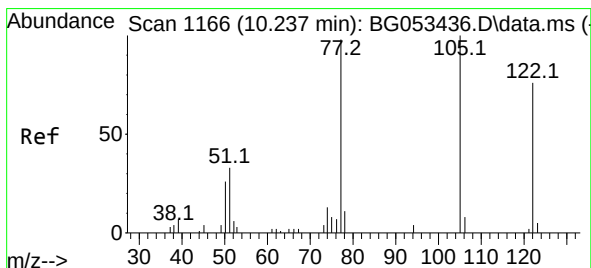
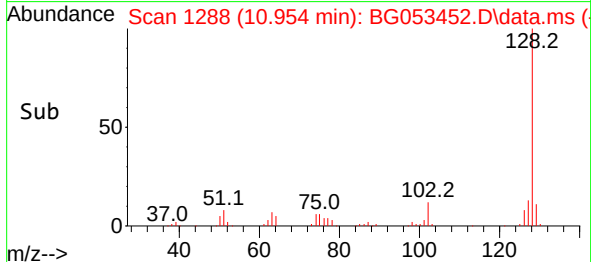
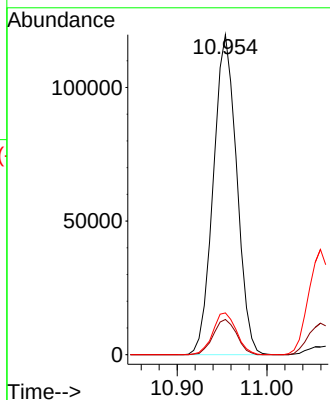
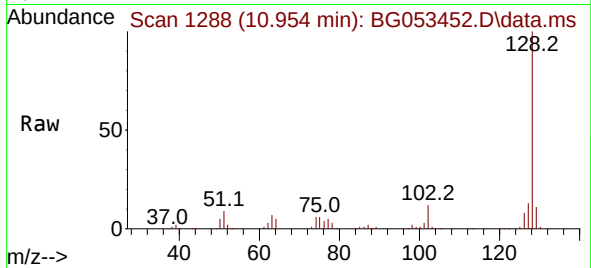




#31
Naphthalene
Concen: 38.522 ng
RT: 10.954 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

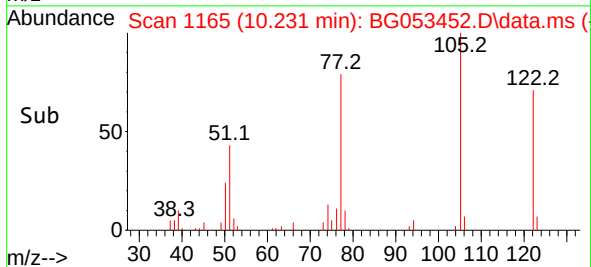
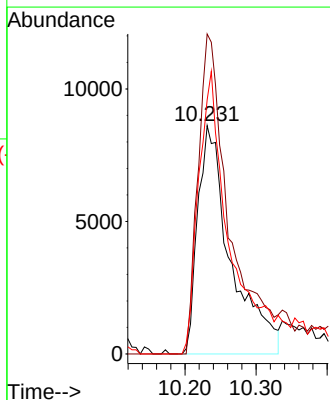
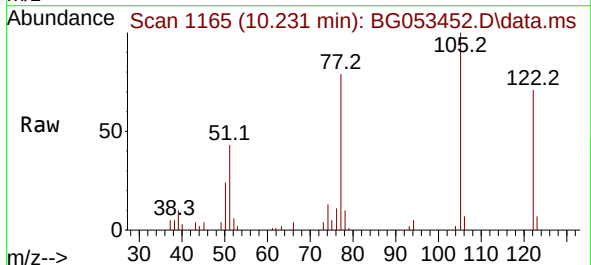
Instrument :
BNA_G
ClientSampleId :
PB144603BS

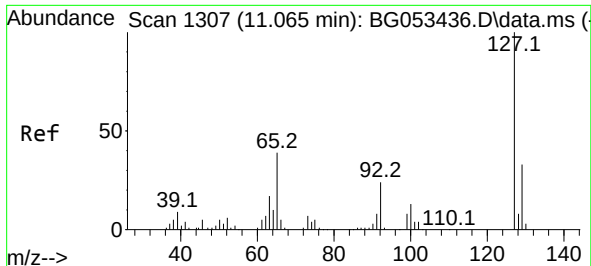
Tgt Ion:128 Resp: 216133
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 11.1 16.7



#32
Benzoic acid
Concen: 32.371 ng
RT: 10.231 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:122 Resp: 27724
Ion Ratio Lower Upper
122 100
105 140.1 111.8 151.8
77 111.2 109.4 149.4

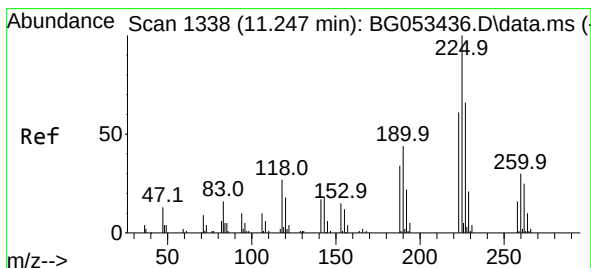
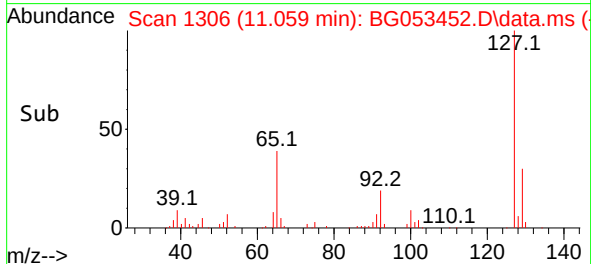
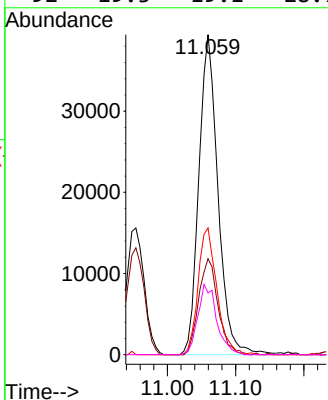
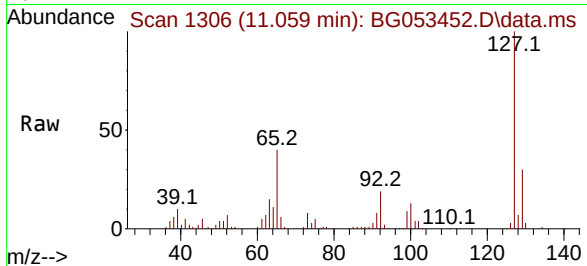




#33
4-Chloroaniline
Concen: 32.738 ng
RT: 11.059 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

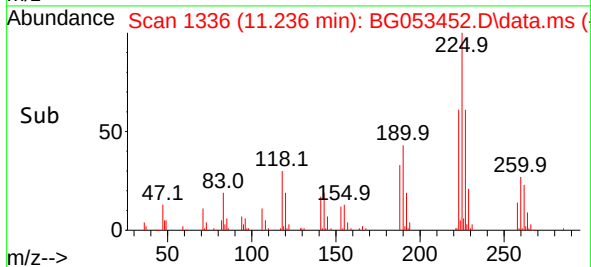
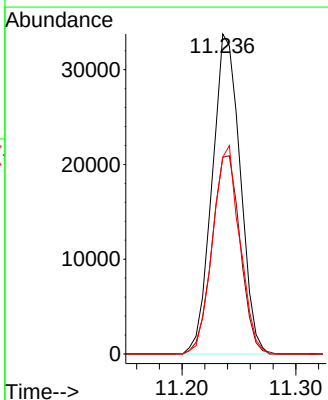
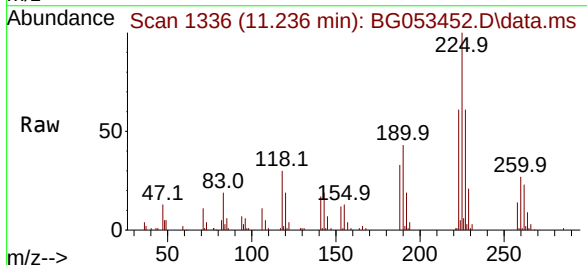
Instrument :
BNA_G
ClientSampleId :
PB144603BS

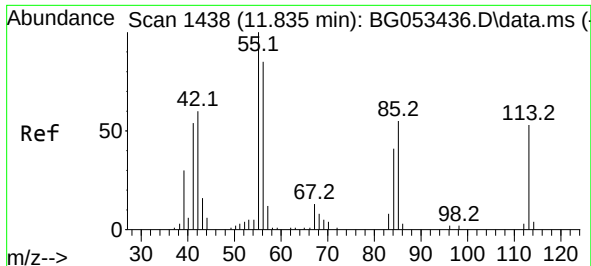
Tgt Ion:127	Resp:	76924	
Ion	Ratio	Lower	Upper
127	100		
129	30.0	26.3	39.5
65	39.6	31.1	46.7
92	19.3	19.1	28.7



#34
Hexachlorobutadiene
Concen: 37.173 ng
RT: 11.236 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:225	Resp:	57779	
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.9	73.3
227	61.5	52.8	79.2

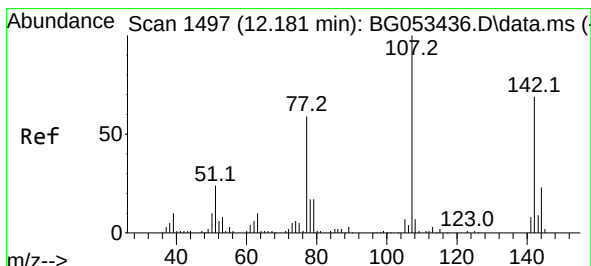
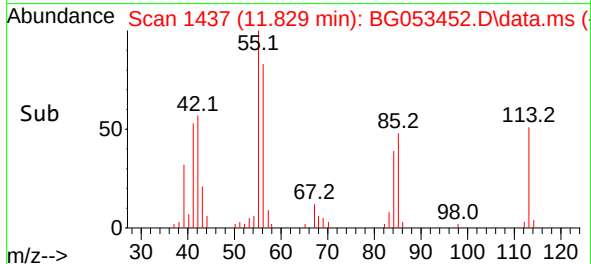
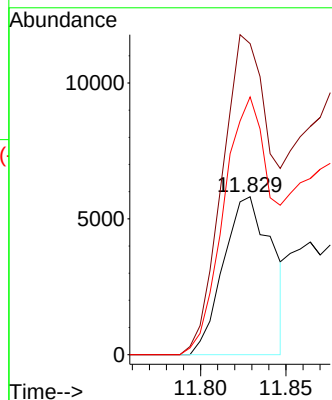
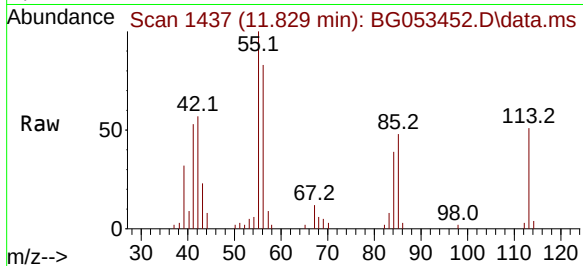




#35
 Caprolactam
 Concen: 17.147 ng
 RT: 11.829 min Scan# 1437
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

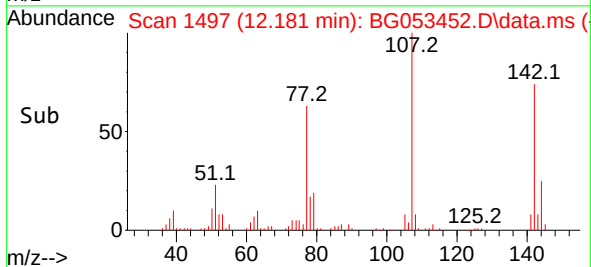
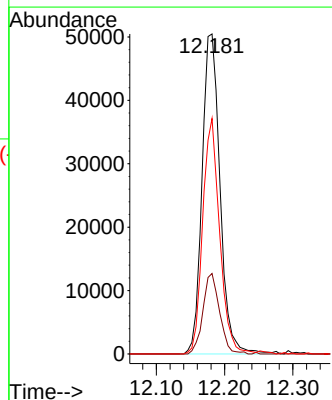
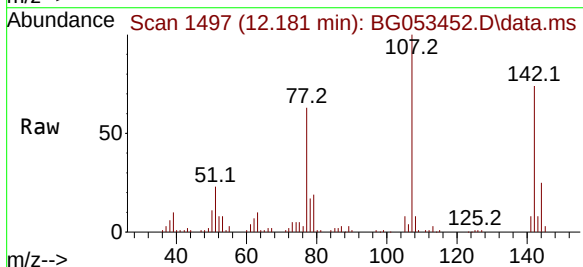
Instrument :
 BNA_G
 ClientSampleId :
 PB144603BS

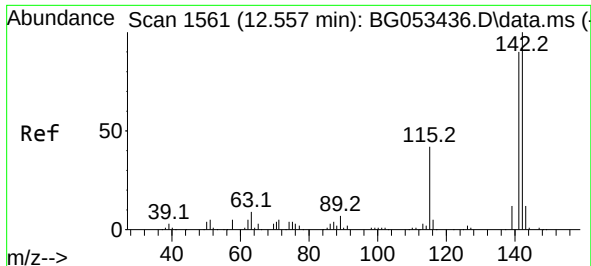
Tgt Ion:113 Resp: 11496
 Ion Ratio Lower Upper
 113 100
 55 196.9 169.8 209.8
 56 163.2 141.2 181.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.916 ng
 RT: 12.181 min Scan# 1497
 Delta R.T. 0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Tgt Ion:107 Resp: 92502
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.5 27.7
 142 73.6 55.0 82.4

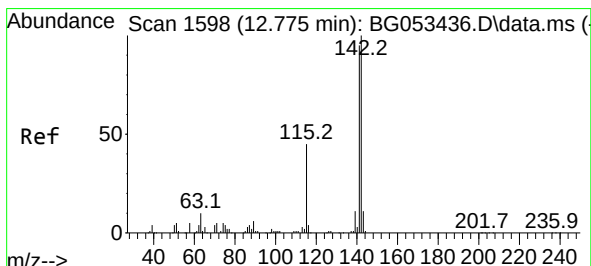
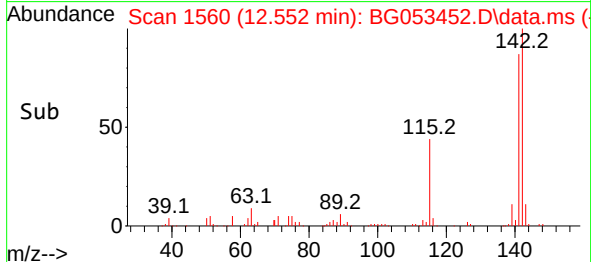
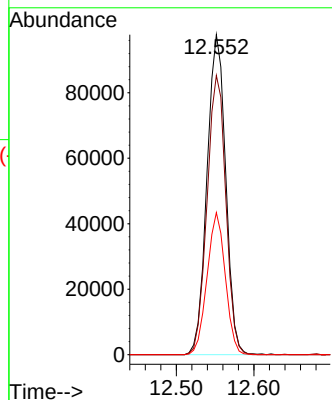
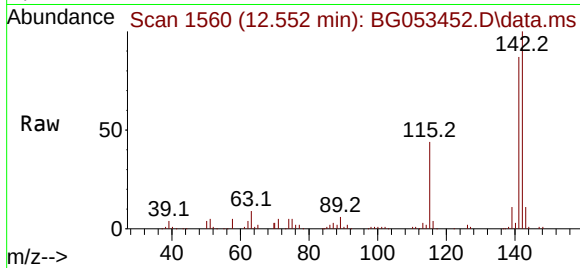




#37
2-Methylnaphthalene
Concen: 39.179 ng
RT: 12.552 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

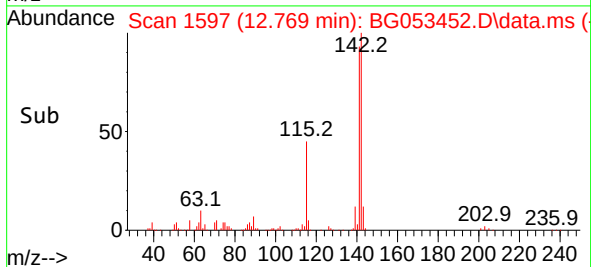
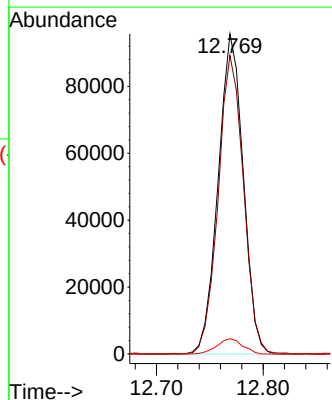
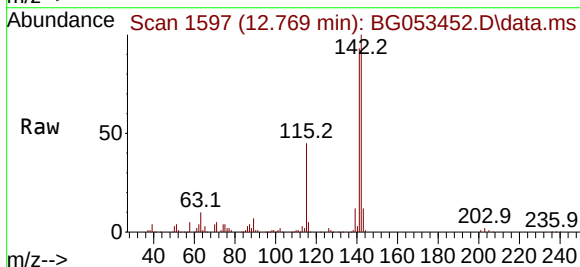
Instrument :
BNA_G
ClientSampleId :
PB144603BS

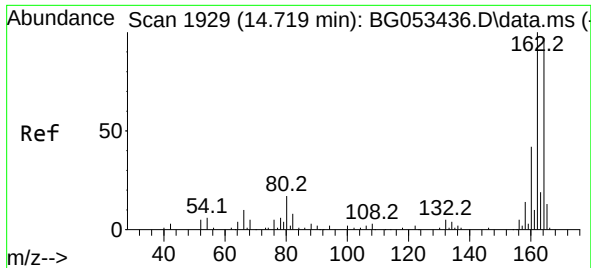
Tgt Ion:142 Resp: 164048
Ion Ratio Lower Upper
142 100
141 87.2 72.3 108.5
115 44.4 33.7 50.5



#38
1-Methylnaphthalene
Concen: 38.163 ng
RT: 12.769 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:142 Resp: 155903
Ion Ratio Lower Upper
142 100
141 93.3 76.4 114.6
116 4.8 3.3 4.9

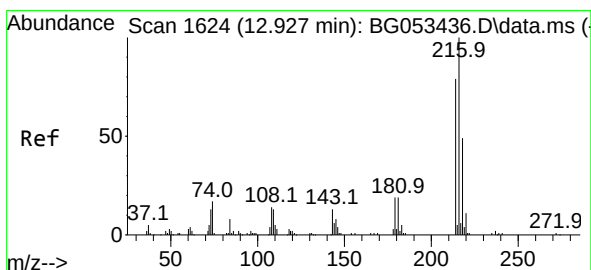
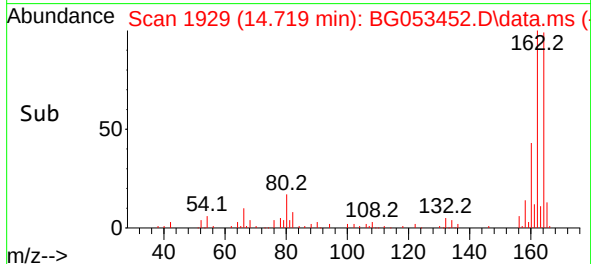
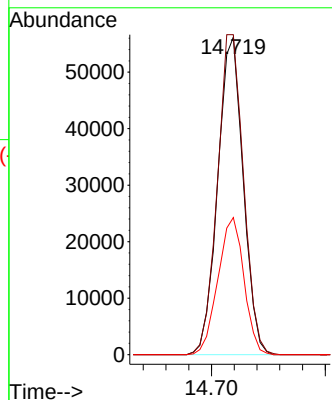
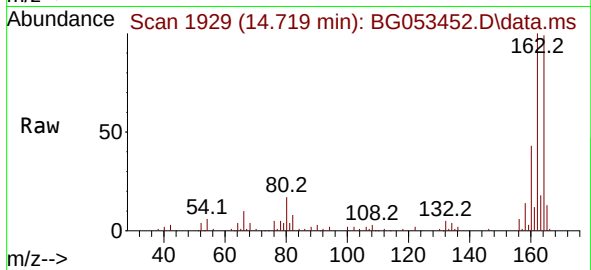




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.719 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

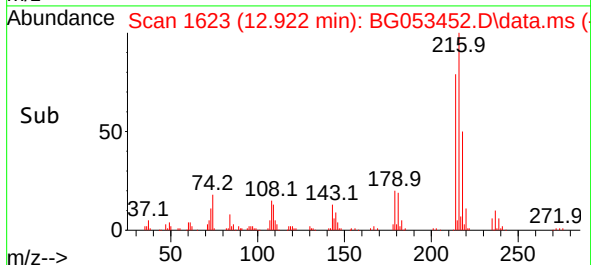
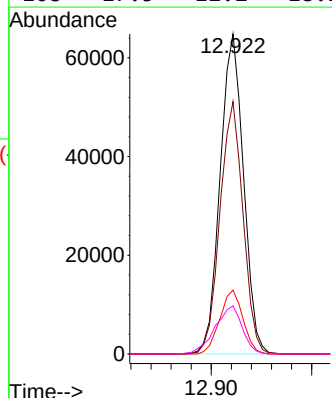
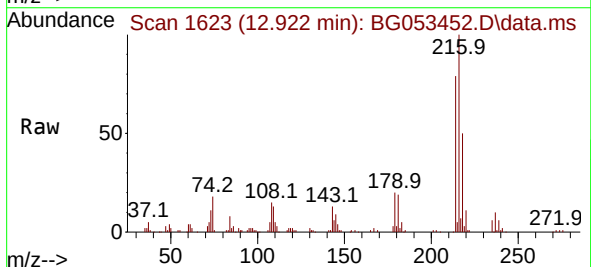
Instrument :
BNA_G
ClientSampleId :
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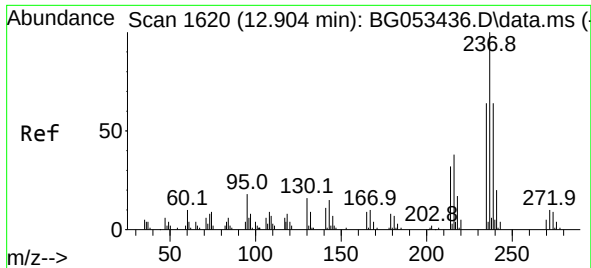
Tgt Ion:164 Resp: 87284
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 43.2 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.978 ng
RT: 12.922 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

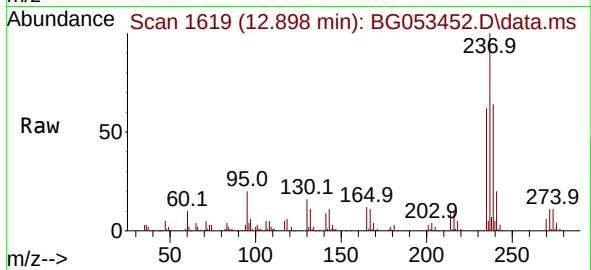
Tgt Ion:216 Resp: 104490
Ion Ratio Lower Upper
216 100
214 77.8 62.9 94.3
179 19.8 16.1 24.1
108 17.5 12.2 18.2



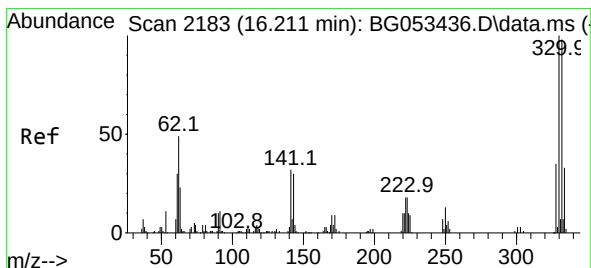
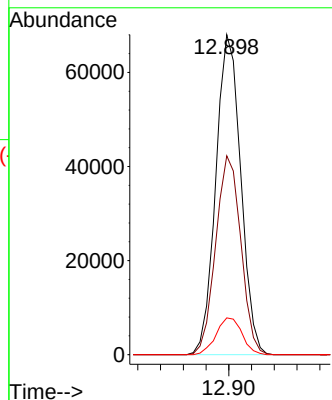
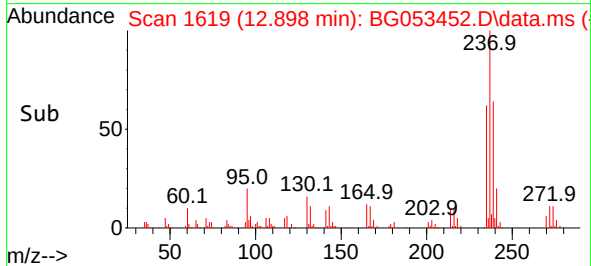


#41
Hexachlorocyclopentadiene
Concen: 91.061 ng
RT: 12.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

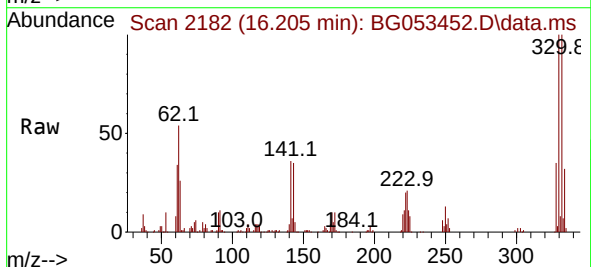
Instrument :
BNA_G
ClientSampleId :
PB144603BS



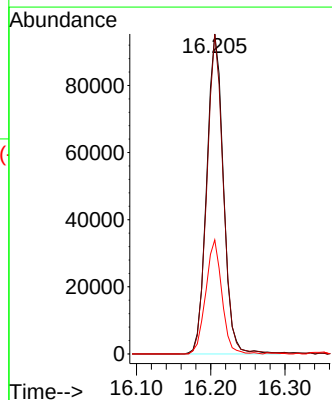
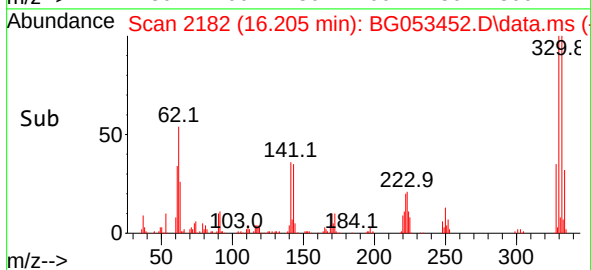
Tgt Ion:237 Resp: 103588
Ion Ratio Lower Upper
237 100
235 62.1 43.5 83.5
272 11.5 0.0 30.1

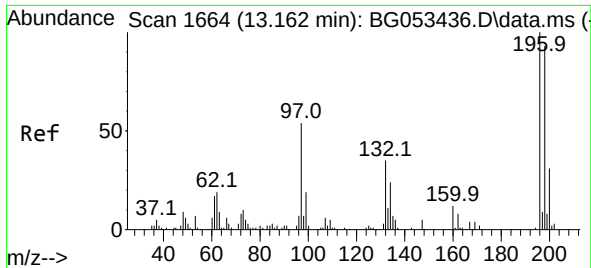


#42
2,4,6-Tribromophenol
Concen: 115.848 ng
RT: 16.205 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58



Tgt Ion:330 Resp: 149135
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 34.4 27.1 40.7

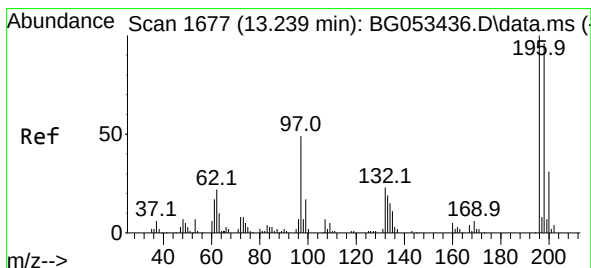
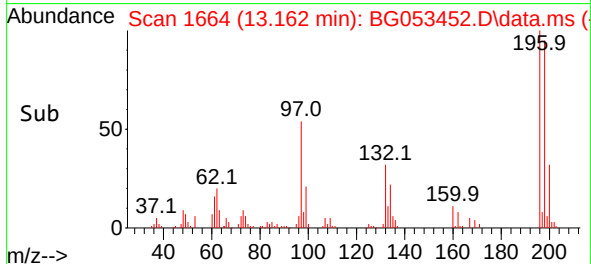
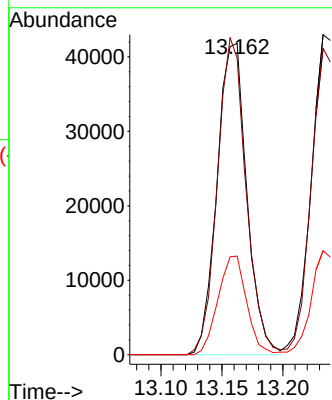
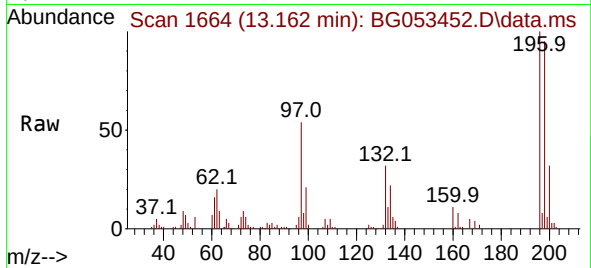




#43
2,4,6-Trichlorophenol
Concen: 39.551 ng
RT: 13.162 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

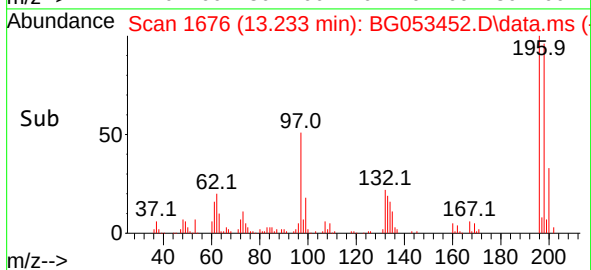
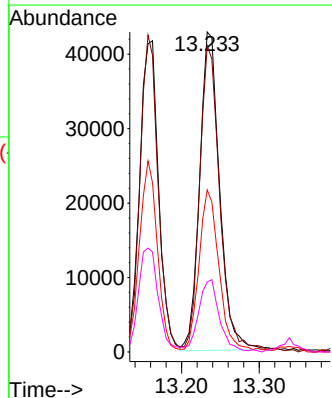
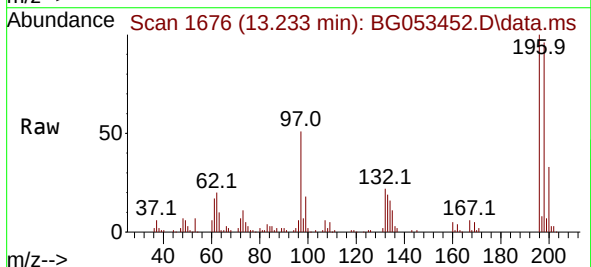
Instrument :
BNA_G
ClientSampleId :
PB144603BS

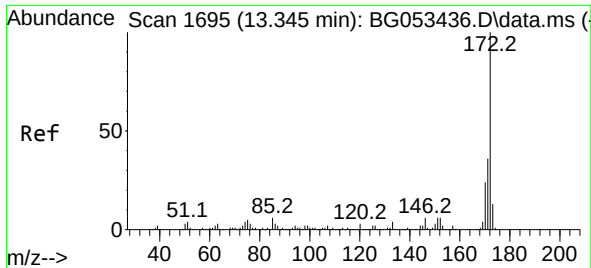
Tgt Ion:196 Resp: 71031
Ion Ratio Lower Upper
196 100
198 95.3 74.1 111.1
200 31.7 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 40.199 ng
RT: 13.233 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:196 Resp: 76835
Ion Ratio Lower Upper
196 100
198 95.7 76.8 115.2
97 50.7 39.8 59.6
132 21.9 18.4 27.6

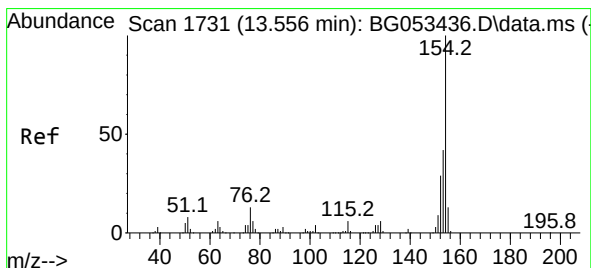
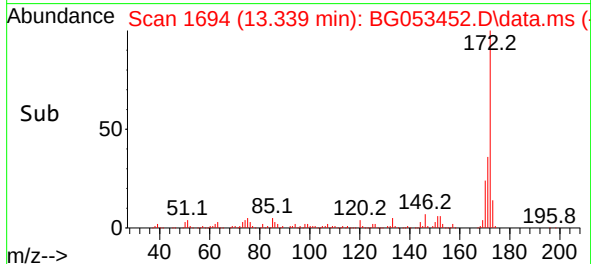
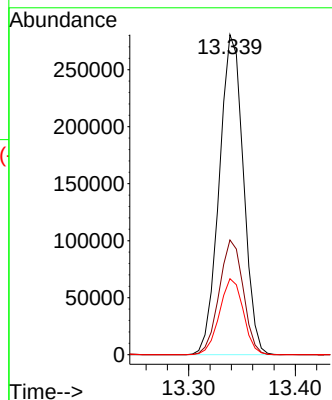
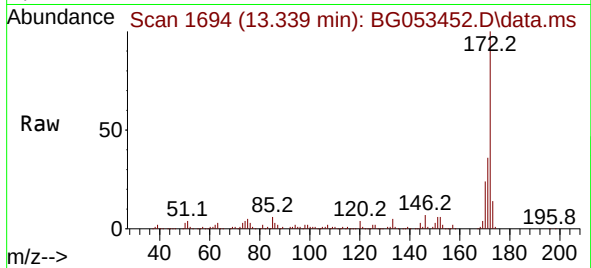




#45
2-Fluorobiphenyl
Concen: 73.887 ng
RT: 13.339 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

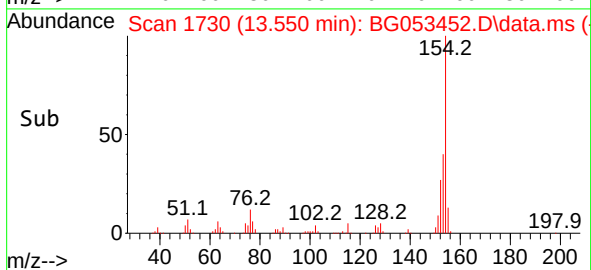
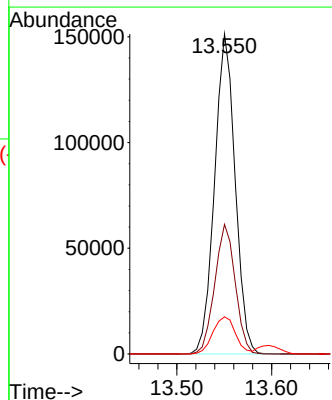
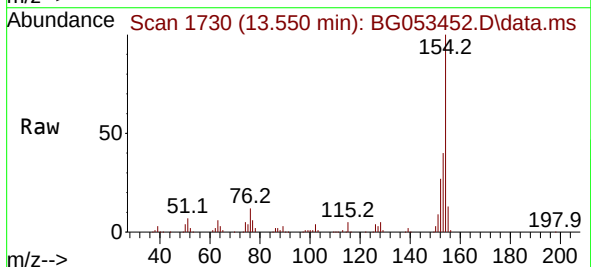
Instrument :
BNA_G
ClientSampleId :
PB144603BS

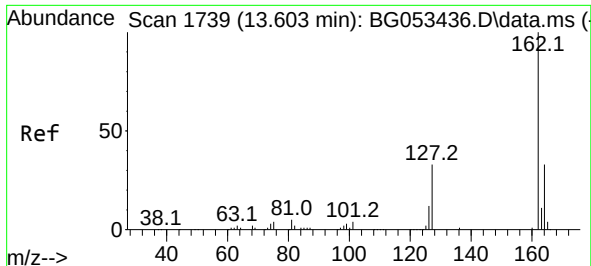
Tgt Ion:172 Resp: 441336
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 38.364 ng
RT: 13.550 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:154 Resp: 228253
Ion Ratio Lower Upper
154 100
153 40.5 21.6 61.6
76 11.6 0.0 32.6

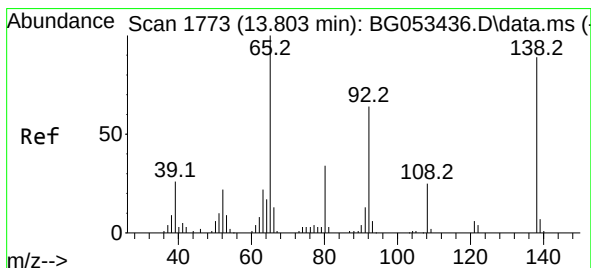
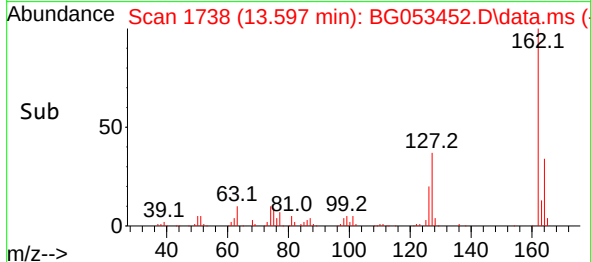
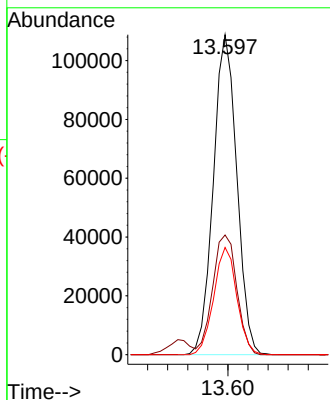
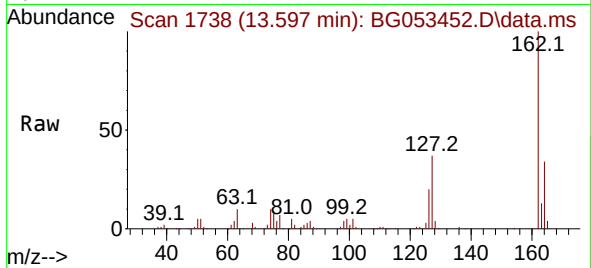




#47
2-Chloronaphthalene
Concen: 37.851 ng
RT: 13.597 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

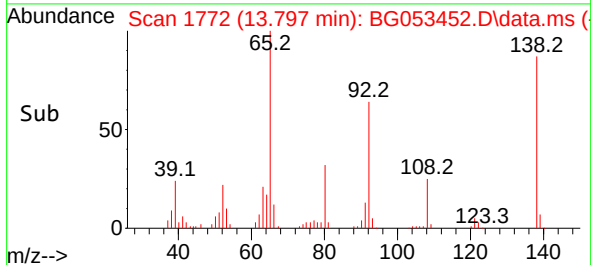
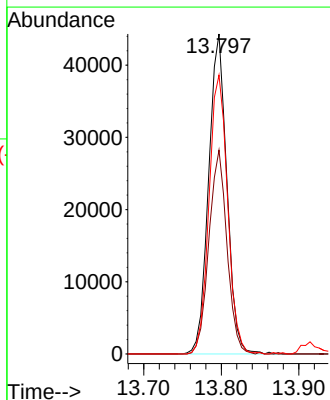
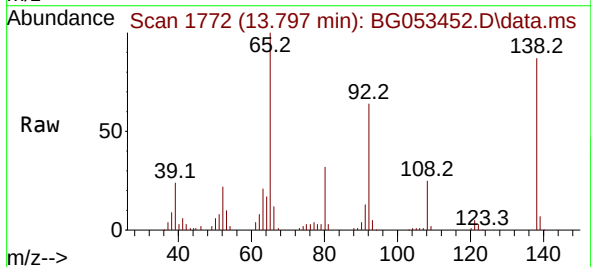
Instrument :
BNA_G
ClientSampleId :
PB144603BS

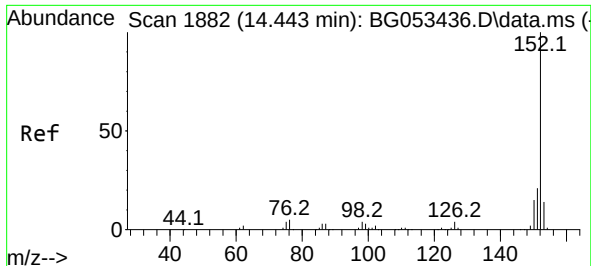
Tgt Ion:162 Resp: 176438
Ion Ratio Lower Upper
162 100
127 37.4 30.6 45.8
164 33.5 26.5 39.7



#48
2-Nitroaniline
Concen: 41.590 ng
RT: 13.797 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion: 65 Resp: 72239
Ion Ratio Lower Upper
65 100
92 63.7 51.5 77.3
138 87.2 71.3 106.9

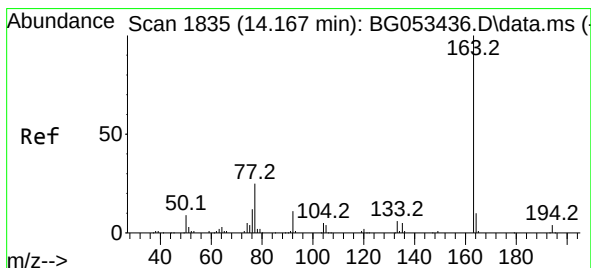
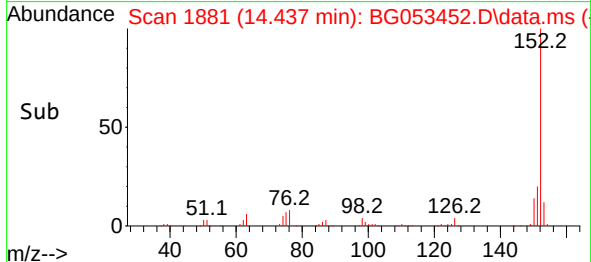
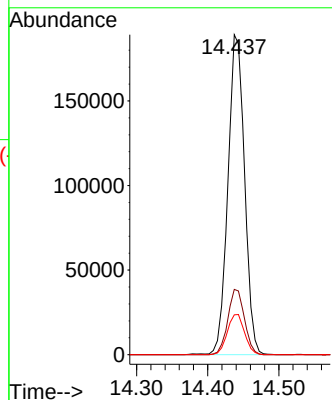
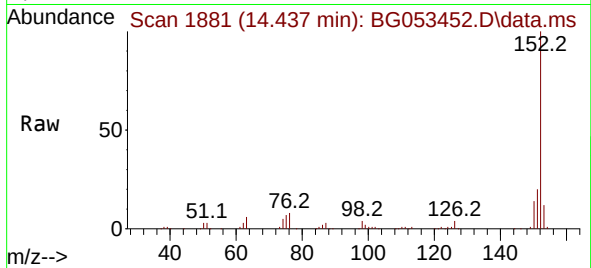




#49
Acenaphthylene
Concen: 41.332 ng
RT: 14.437 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

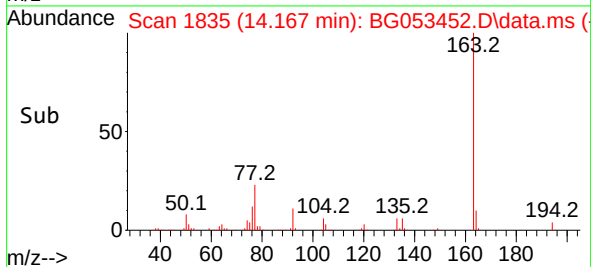
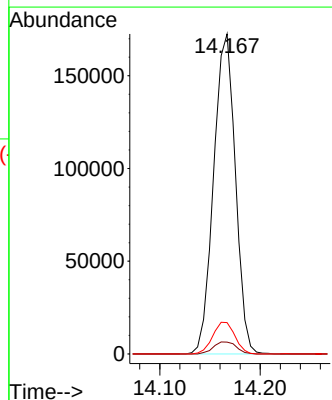
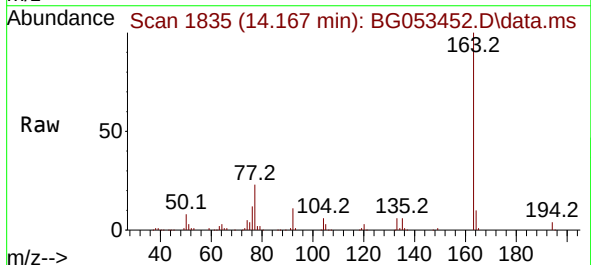
Instrument :
BNA_G
ClientSampleId :
PB144603BS

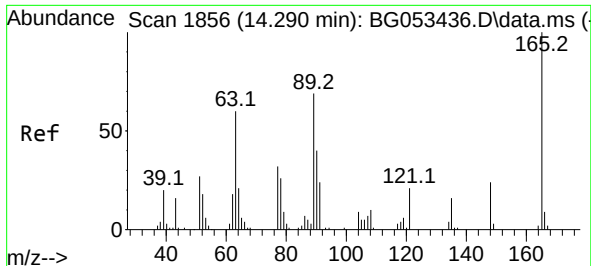
Tgt Ion:152 Resp: 307442
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 12.5 10.8 16.2



#50
Dimethylphthalate
Concen: 39.153 ng
RT: 14.167 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:163 Resp: 259693
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.8 8.0 12.0

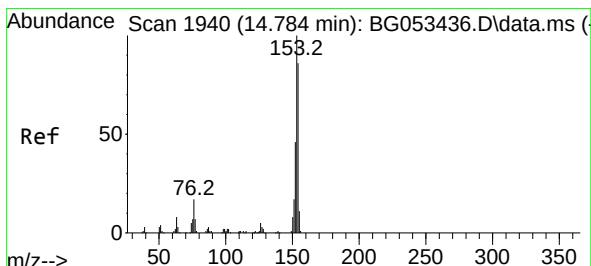
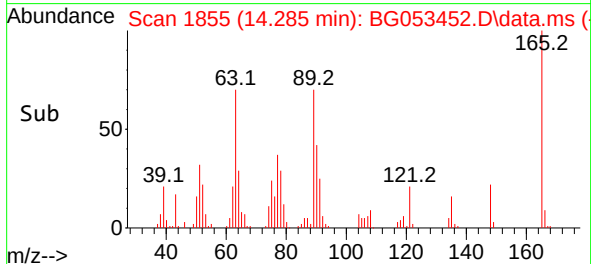
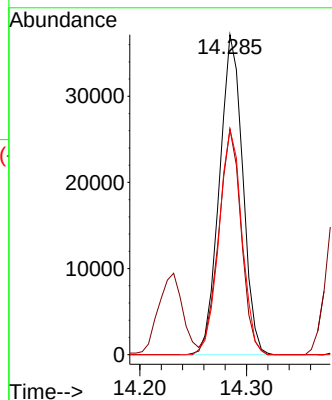
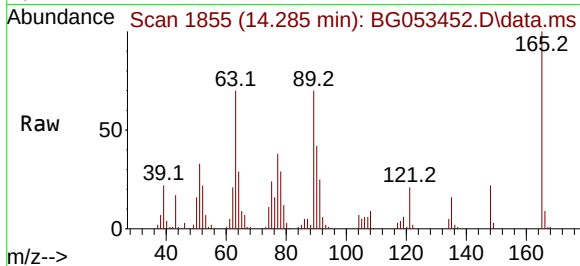




#51
2,6-Dinitrotoluene
Concen: 41.599 ng
RT: 14.285 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

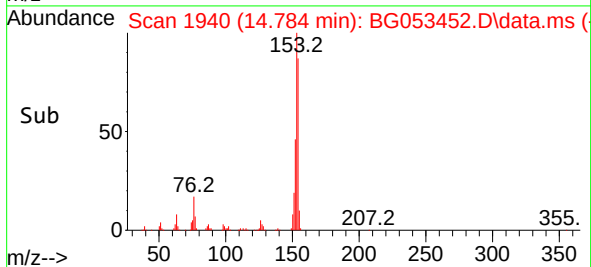
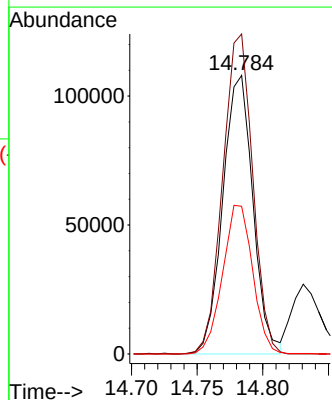
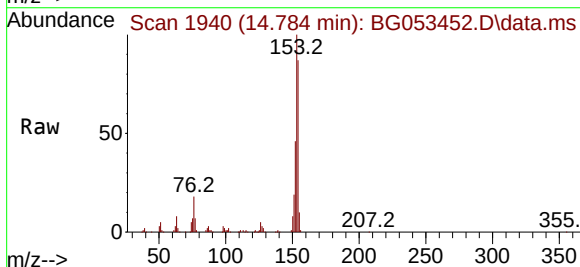
Instrument :
BNA_G
ClientSampleId :
PB144603BS

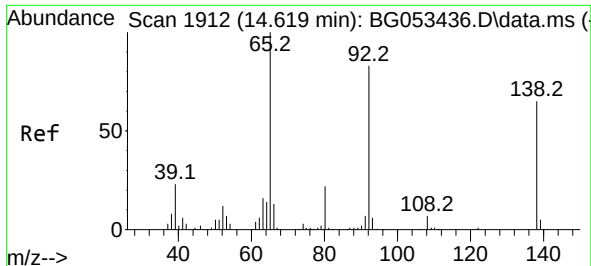
Tgt Ion:165 Resp: 56213
Ion Ratio Lower Upper
165 100
63 70.5 54.1 81.1
89 70.4 54.8 82.2



#52
Acenaphthene
Concen: 38.975 ng
RT: 14.784 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:154 Resp: 172771
Ion Ratio Lower Upper
154 100
153 114.8 92.7 139.1
152 53.0 42.6 64.0

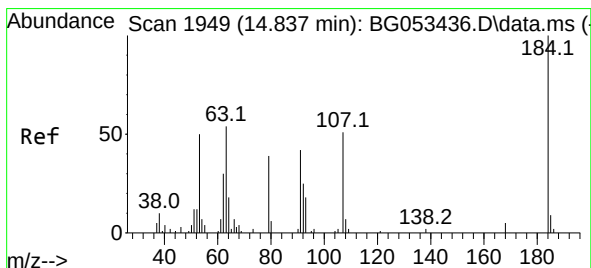
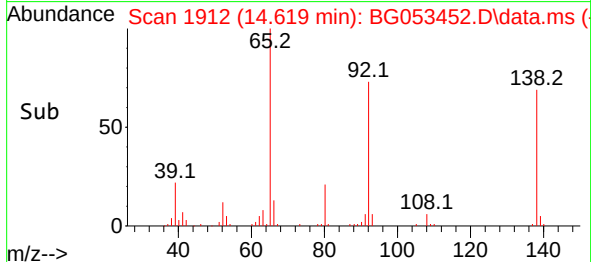
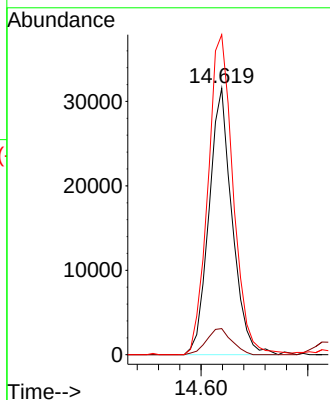
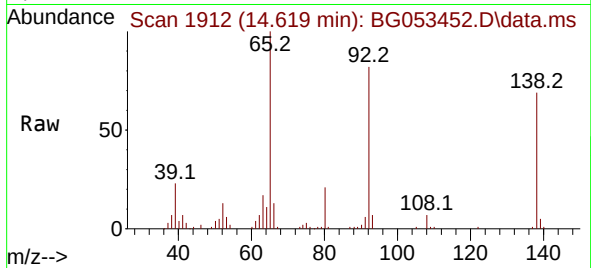




#53
3-Nitroaniline
Concen: 32.543 ng
RT: 14.619 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

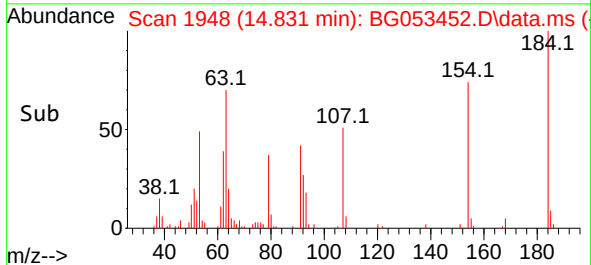
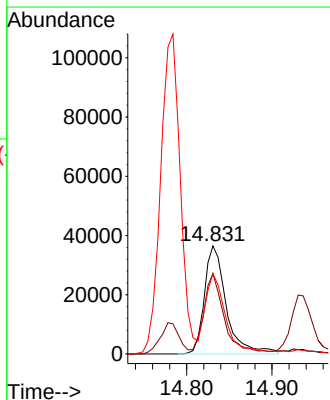
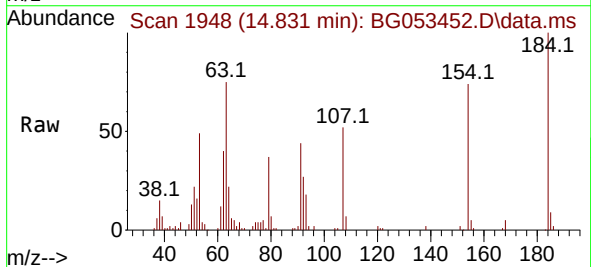
Instrument :
BNA_G
ClientSampleId :
PB144603BS

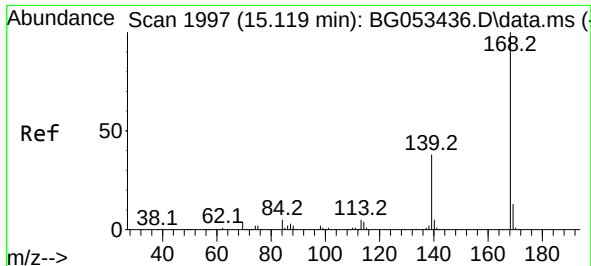
Tgt Ion:138 Resp: 47515
Ion Ratio Lower Upper
138 100
108 9.8 9.2 13.8
92 120.1 101.9 152.9



#54
2,4-Dinitrophenol
Concen: 76.234 ng
RT: 14.831 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:184 Resp: 65118
Ion Ratio Lower Upper
184 100
63 74.5 61.1 91.7
154 74.1 60.6 91.0

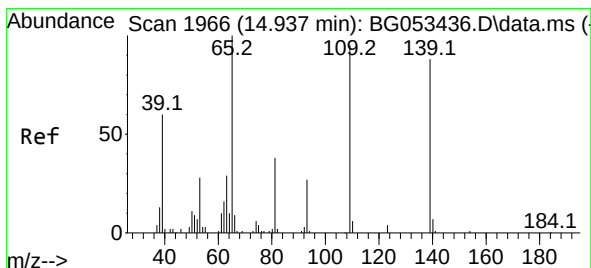
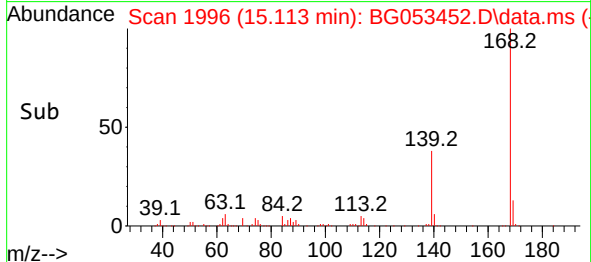
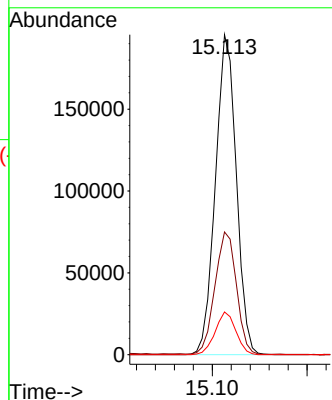
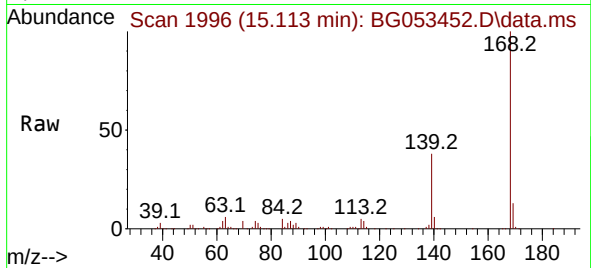




#55
Dibenzofuran
Concen: 37.525 ng
RT: 15.113 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

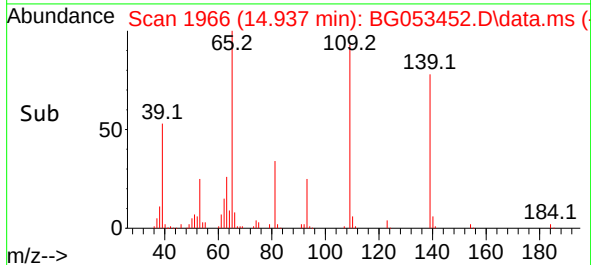
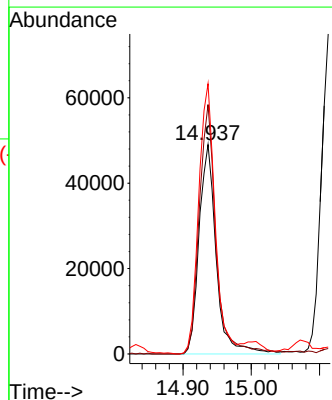
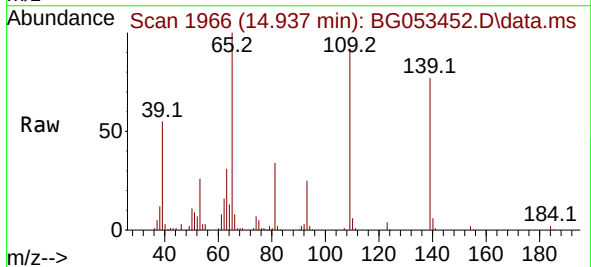
Instrument :
BNA_G
ClientSampleId :
PB144603BS

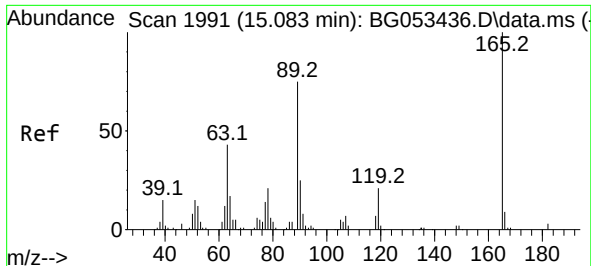
Tgt Ion:168 Resp: 298782
Ion Ratio Lower Upper
168 100
139 38.3 30.5 45.7
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 82.618 ng
RT: 14.937 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:139 Resp: 86159
Ion Ratio Lower Upper
139 100
109 119.1 88.5 128.5
65 129.0 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 42.367 ng

RT: 15.078 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BG053452.D

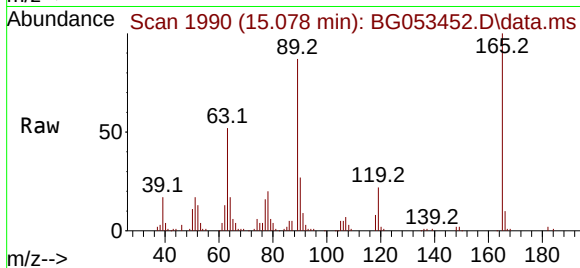
Acq: 5 May 2022 15:58

Instrument :

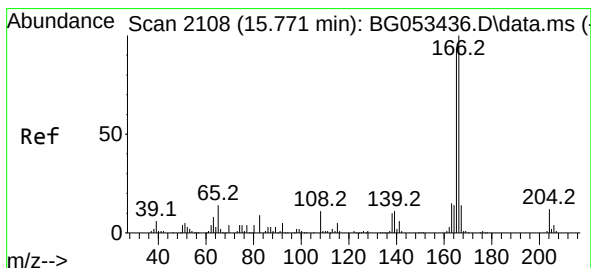
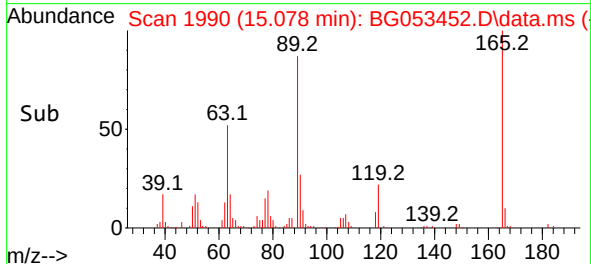
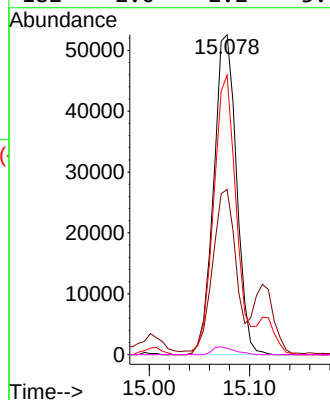
BNA_G

ClientSampleId :

PB144603BS



Tgt Ion:165	Resp:	82986
Ion Ratio	Lower	Upper
165	100	
63	51.6	34.6 52.0
89	87.4	60.3 90.5
182	2.0	2.2 3.4



#58

Fluorene

Concen: 39.182 ng

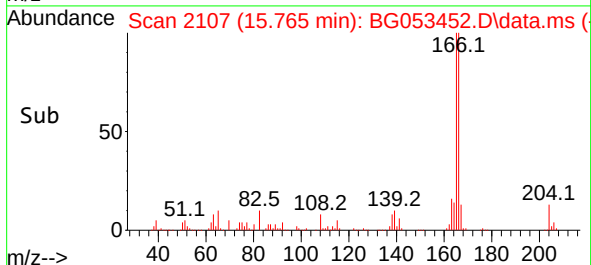
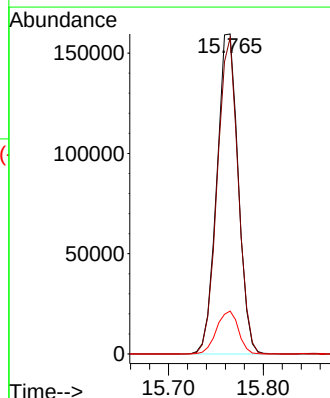
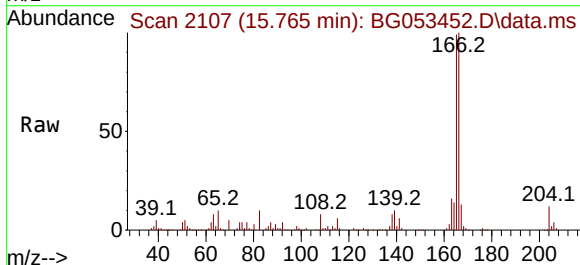
RT: 15.765 min Scan# 2107

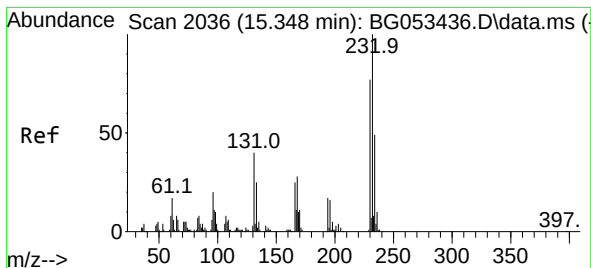
Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Tgt Ion:166	Resp:	250359
Ion Ratio	Lower	Upper
166	100	
165	98.8	75.0 112.6
167	13.4	10.8 16.2

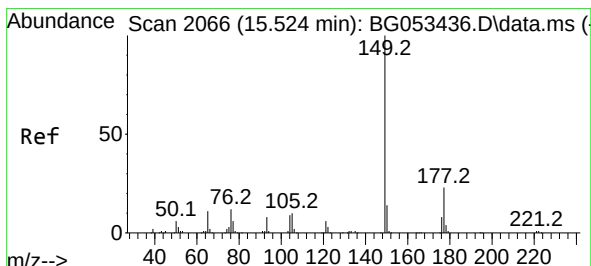
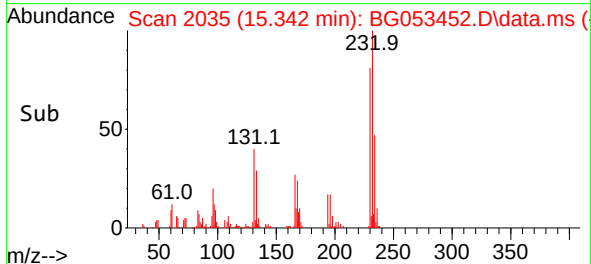
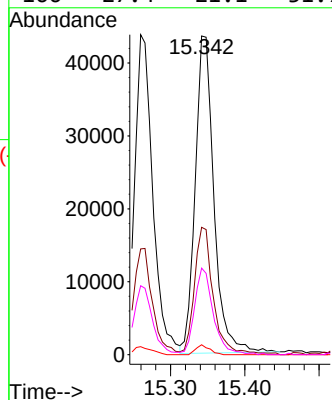
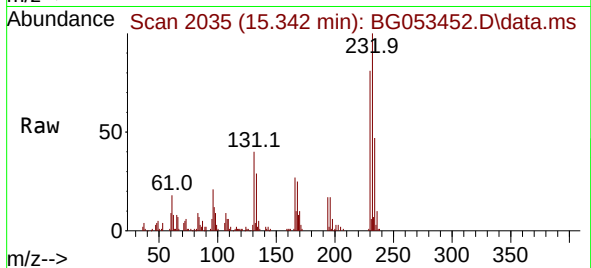




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.310 ng
RT: 15.342 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

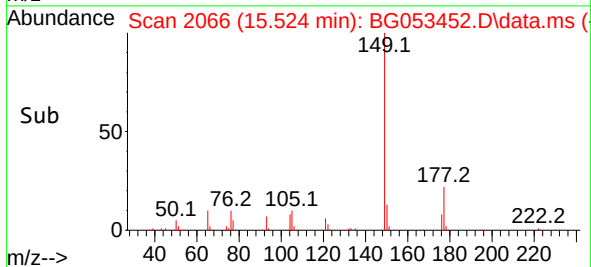
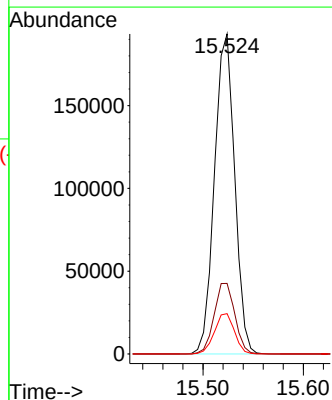
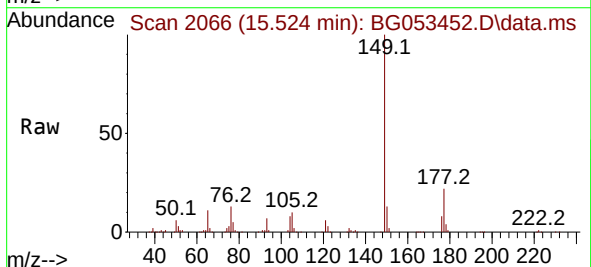
Instrument :
BNA_G
ClientSampleId :
PB144603BS

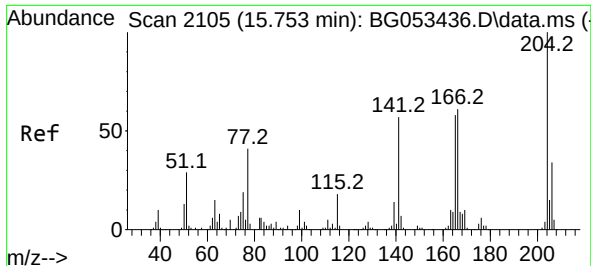
Tgt Ion:232 Resp: 76234
Ion Ratio Lower Upper
232 100
131 40.7 30.6 46.0
130 2.3 1.8 2.8
166 27.4 21.1 31.7



#60
Diethylphthalate
Concen: 39.450 ng
RT: 15.524 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:149 Resp: 270292
Ion Ratio Lower Upper
149 100
177 22.1 18.4 27.6
150 12.6 11.2 16.8

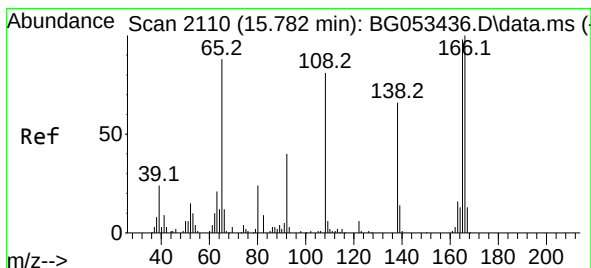
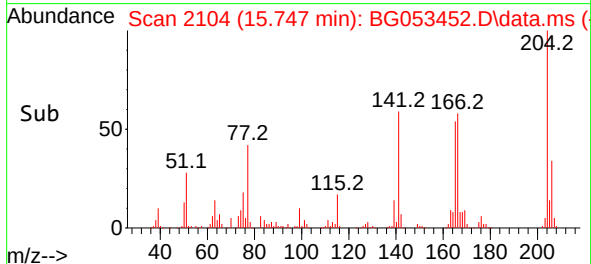
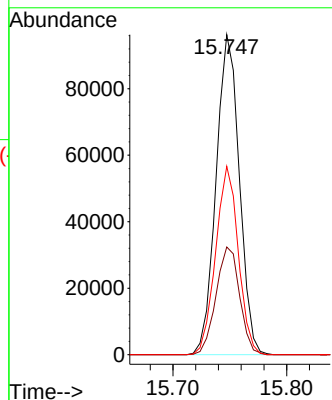
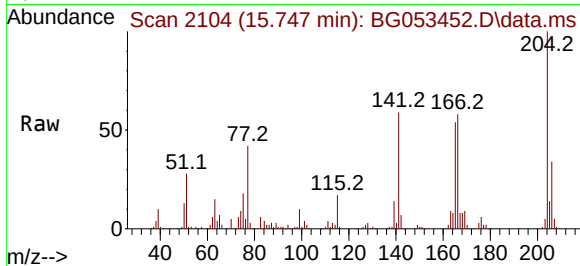




#61
4-Chlorophenyl-phenylether
Concen: 38.354 ng
RT: 15.747 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

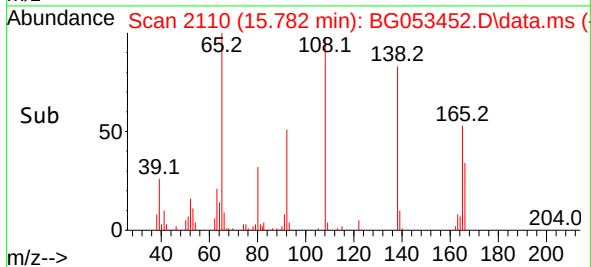
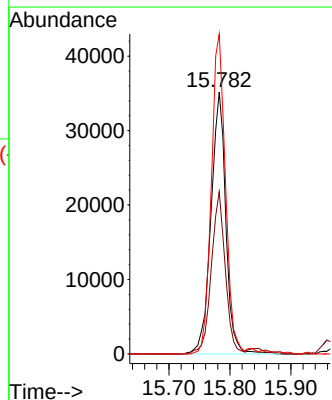
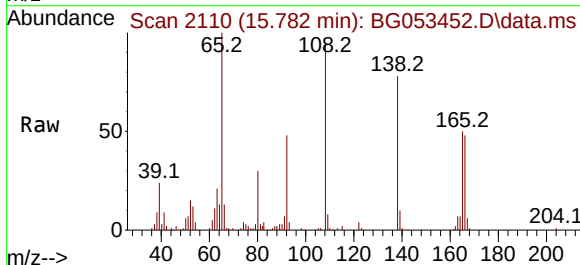
Instrument :
BNA_G
ClientSampleId :
PB144603BS

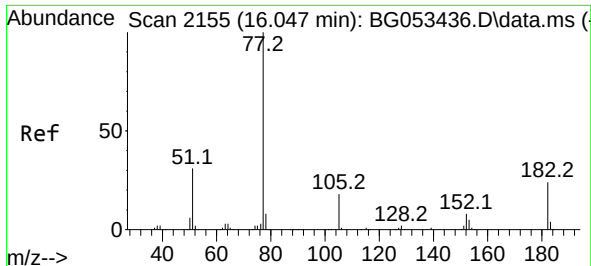
Tgt Ion:204 Resp: 136751
Ion Ratio Lower Upper
204 100
206 33.7 27.5 41.3
141 58.9 45.3 67.9



#62
4-Nitroaniline
Concen: 39.389 ng
RT: 15.782 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:138 Resp: 59650
Ion Ratio Lower Upper
138 100
92 61.9 40.5 80.5
108 122.2 103.7 143.7

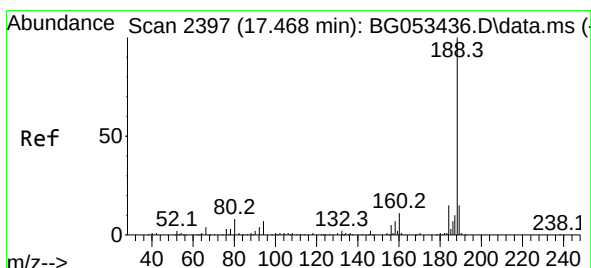
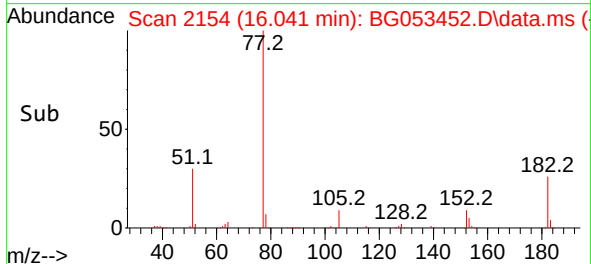
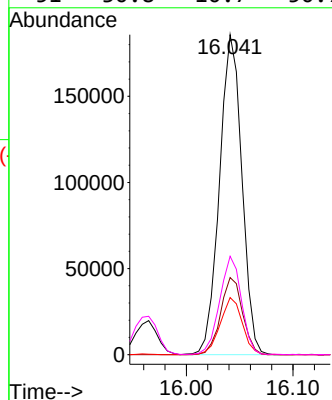
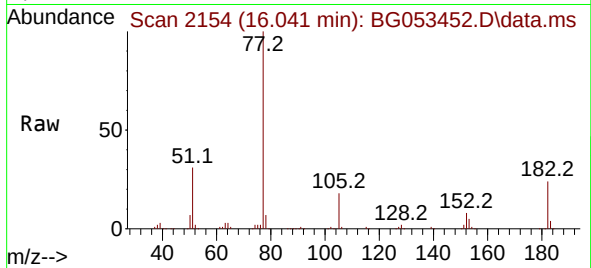




#63
Azobenzene
Concen: 38.545 ng
RT: 16.041 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

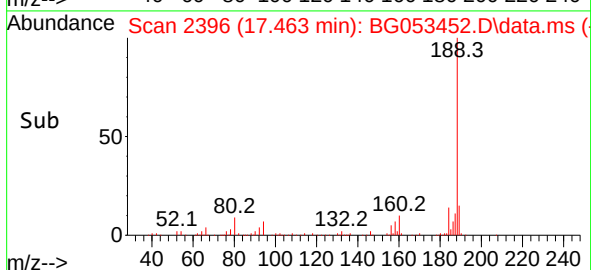
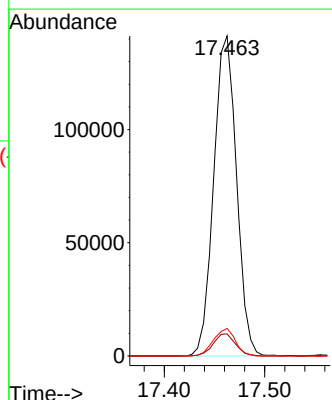
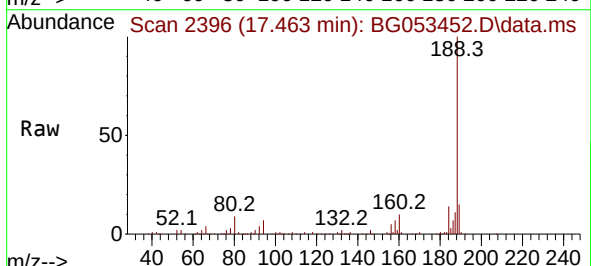
Instrument :
BNA_G
ClientSampleId :
PB144603BS

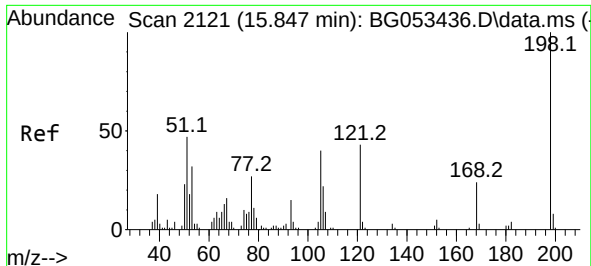
Tgt Ion: 77	Resp: 270431
Ion Ratio	Lower Upper
77 100	
182 24.1	3.8 43.8
105 17.9	0.0 37.8
51 30.8	10.7 50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:188	Resp: 222840
Ion Ratio	Lower Upper
188 100	
94 6.9	5.4 8.0
80 8.6	6.8 10.2

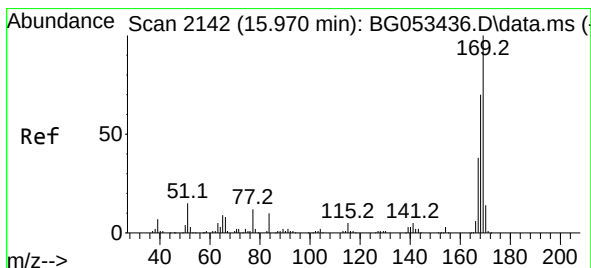
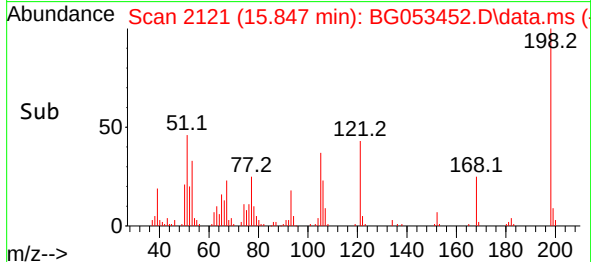
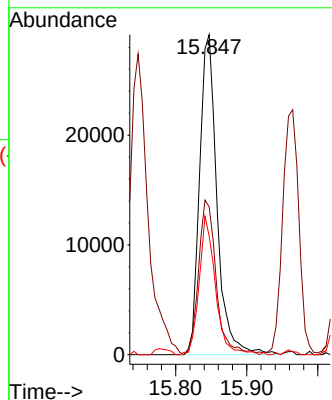
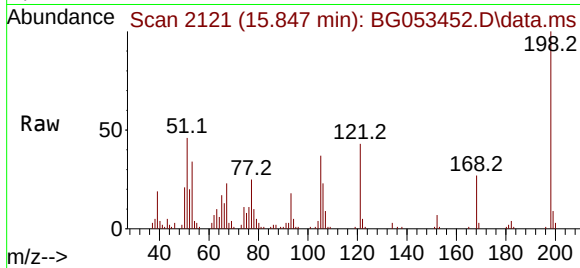




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.493 ng
 RT: 15.847 min Scan# 2121
 Delta R.T. 0.000 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

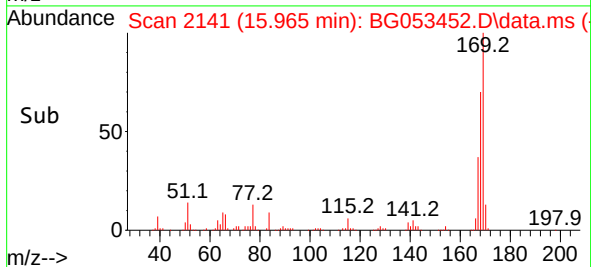
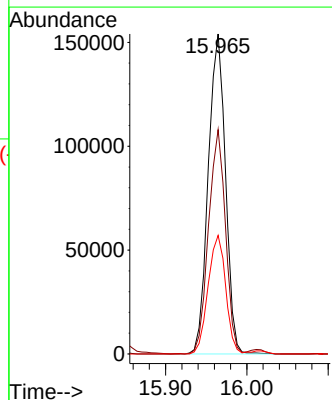
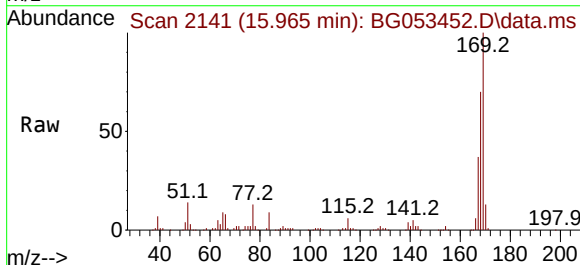
Instrument :
 BNA_G
 ClientSampleId :
 PB144603BS

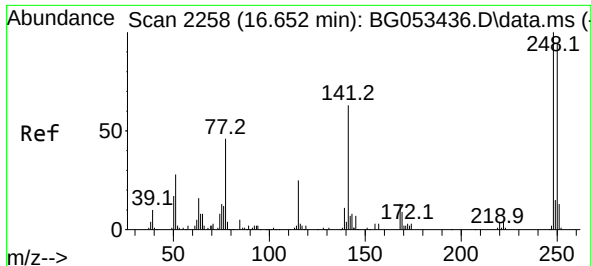
Tgt Ion:198 Resp: 49785
 Ion Ratio Lower Upper
 198 100
 51 46.2 28.1 68.1
 105 37.0 20.3 60.3



#66
 n-Nitrosodiphenylamine
 Concen: 38.689 ng
 RT: 15.965 min Scan# 2141
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Tgt Ion:169 Resp: 226358
 Ion Ratio Lower Upper
 169 100
 168 70.1 55.9 83.9
 167 37.1 30.6 46.0

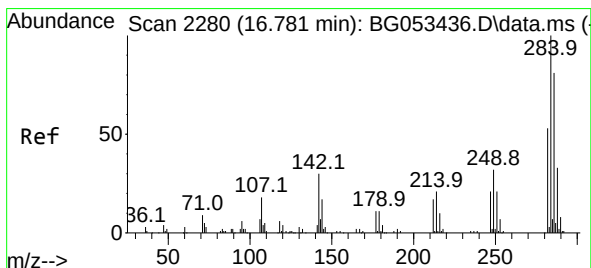
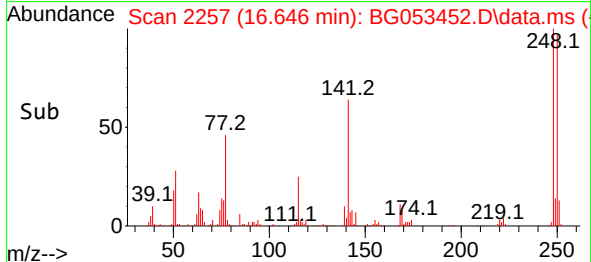
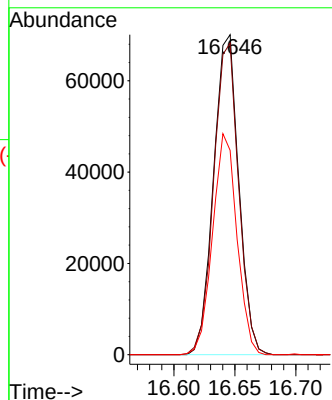
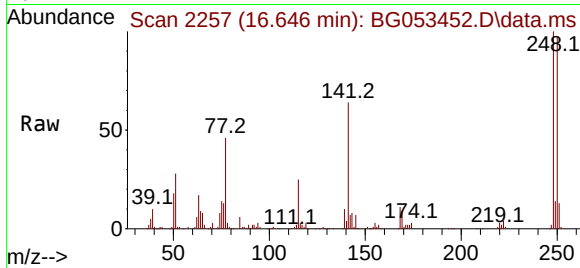




#67
4-Bromophenyl-phenylether
Concen: 38.674 ng
RT: 16.646 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

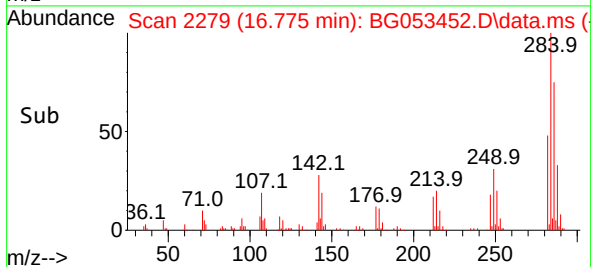
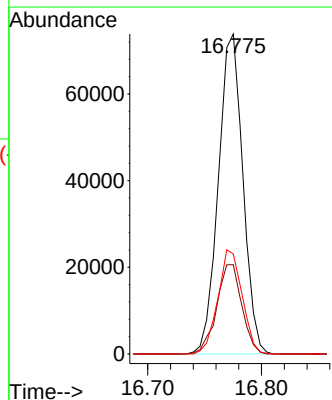
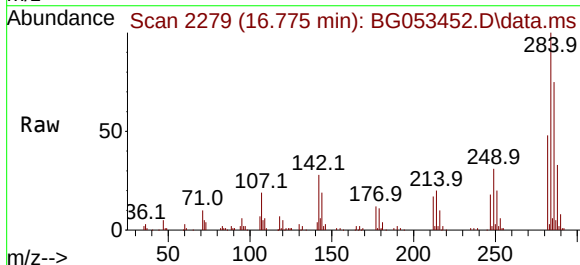
Instrument :
BNA_G
ClientSampleId :
PB144603BS

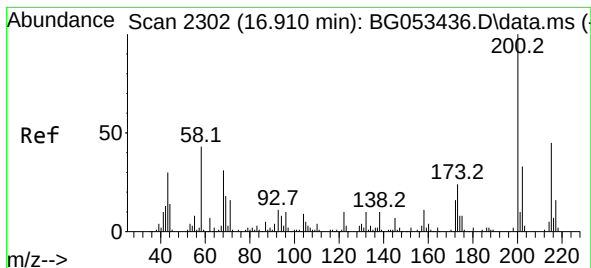
Tgt Ion:248 Resp: 100650
Ion Ratio Lower Upper
248 100
250 97.3 75.2 112.8
141 63.9 50.0 75.0



#68
Hexachlorobenzene
Concen: 38.816 ng
RT: 16.775 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:284 Resp: 110634
Ion Ratio Lower Upper
284 100
142 27.9 23.6 35.4
249 31.3 25.8 38.6





#69

Atrazine

Concen: 39.599 ng

RT: 16.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

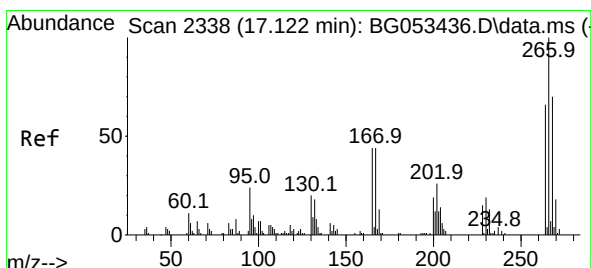
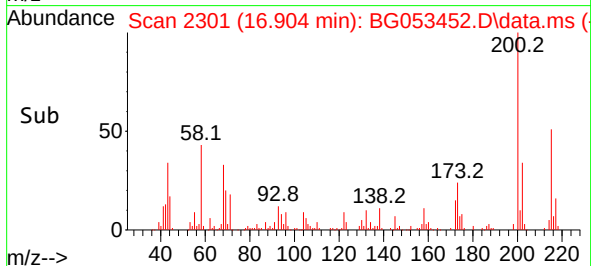
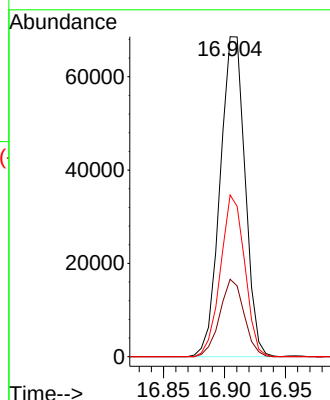
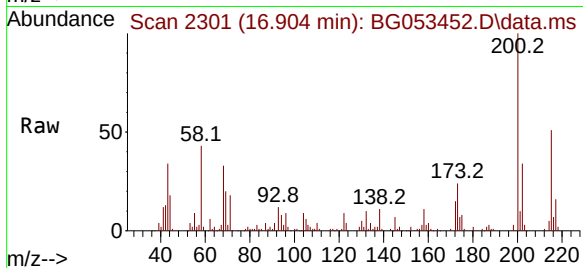
Tgt Ion:200 Resp: 97535

Ion Ratio Lower Upper

200 100

173 24.2 3.7 43.7

215 50.6 25.2 65.2



#70

Pentachlorophenol

Concen: 72.733 ng

RT: 17.122 min Scan# 2338

Delta R.T. -0.000 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

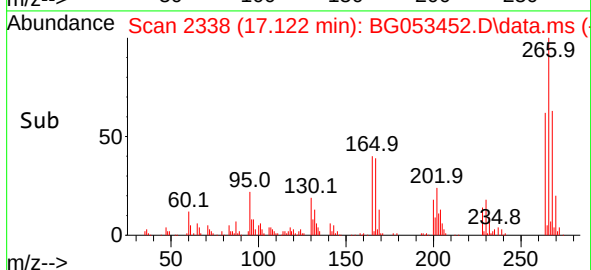
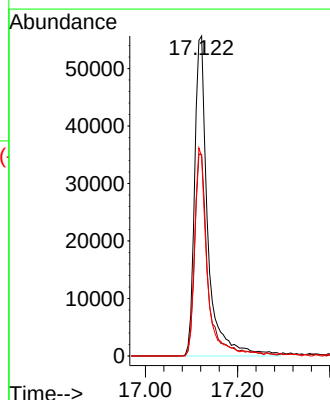
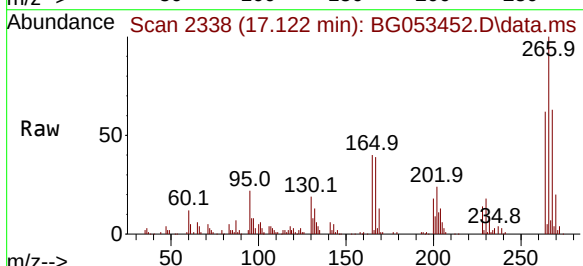
Tgt Ion:266 Resp: 110952

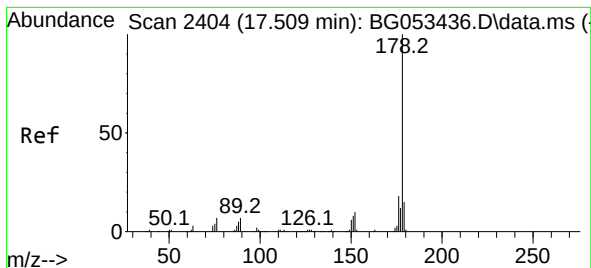
Ion Ratio Lower Upper

266 100

268 63.0 56.2 84.2

264 62.2 53.0 79.4





#71

Phenanthrene

Concen: 38.776 ng

RT: 17.504 min Scan# 2404

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

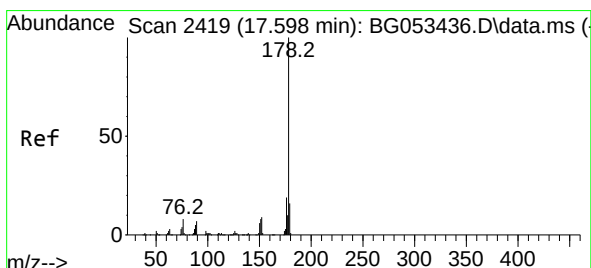
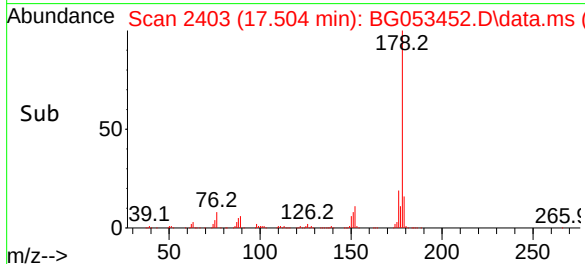
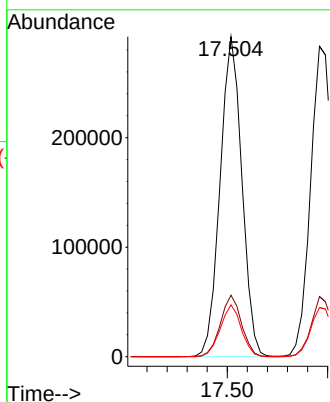
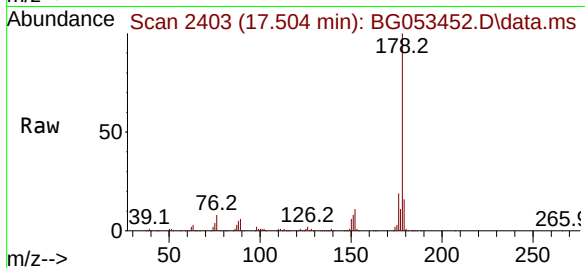
Tgt Ion:178 Resp: 439373

Ion Ratio Lower Upper

178 100

176 19.2 14.1 21.1

179 16.2 12.1 18.1



#72

Anthracene

Concen: 40.032 ng

RT: 17.592 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

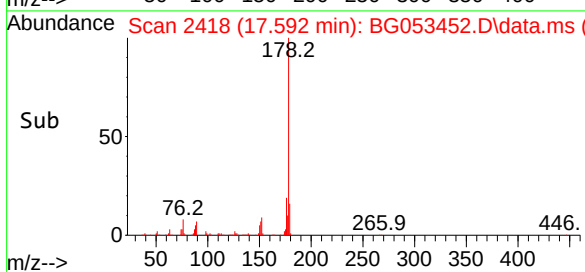
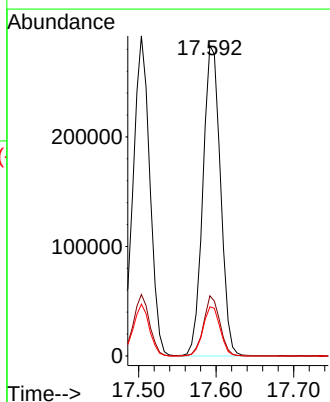
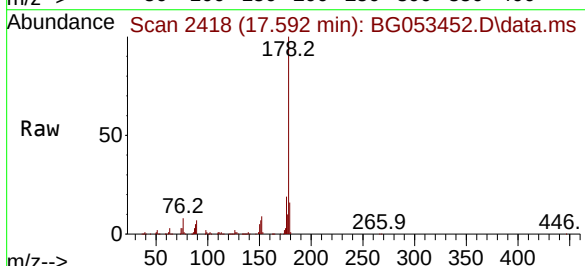
Tgt Ion:178 Resp: 445850

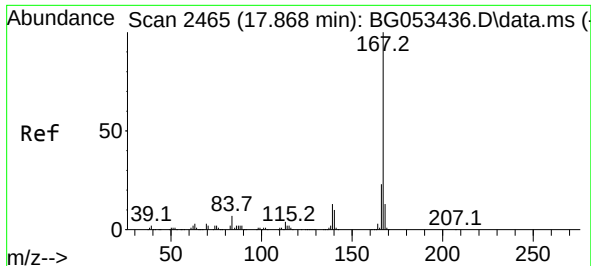
Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

179 15.8 13.0 19.4

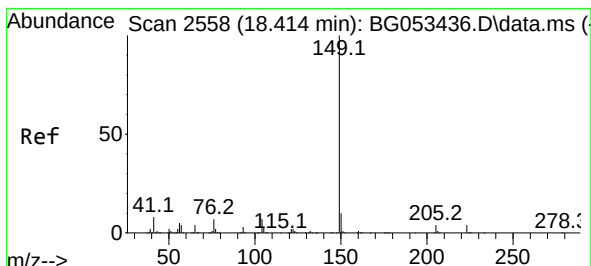
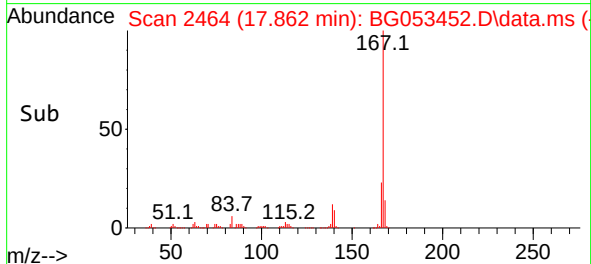
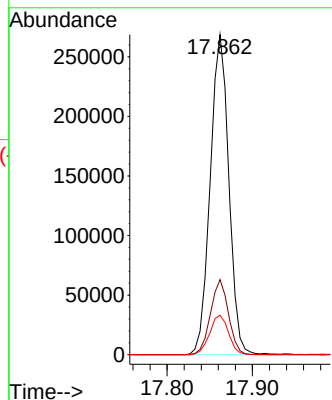
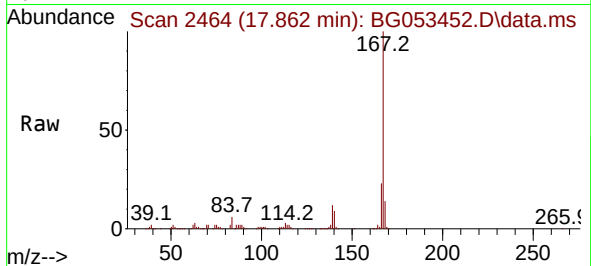




#73
Carbazole
Concen: 37.263 ng
RT: 17.862 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

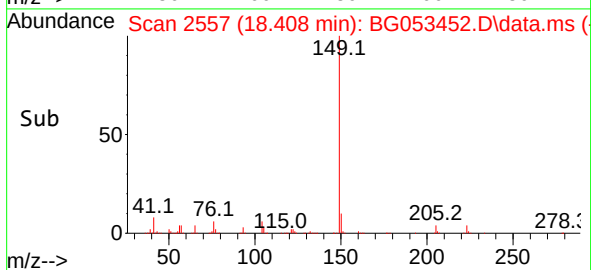
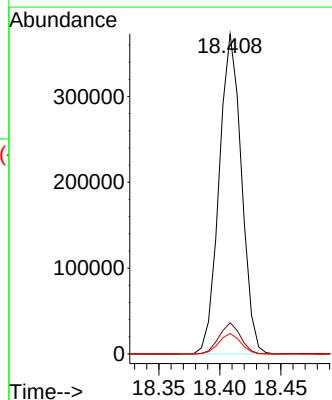
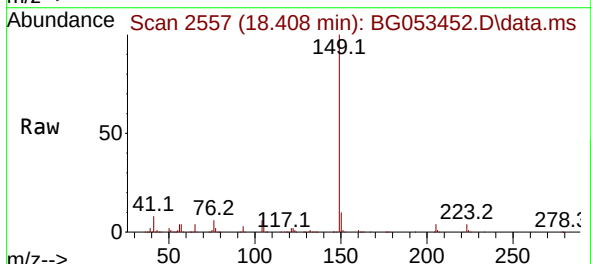
Instrument :
BNA_G
ClientSampleId :
PB144603BS

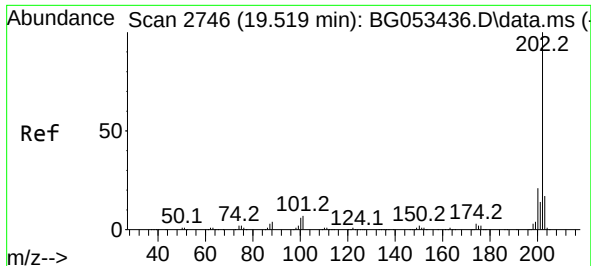
Tgt Ion:167 Resp: 406734
Ion Ratio Lower Upper
167 100
166 23.4 18.2 27.2
139 12.3 10.1 15.1



#74
Di-n-butylphthalate
Concen: 38.807 ng
RT: 18.408 min Scan# 2557
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:149 Resp: 476397
Ion Ratio Lower Upper
149 100
150 9.7 7.7 11.5
104 6.4 5.4 8.0

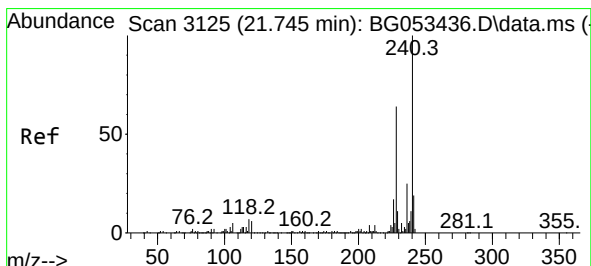
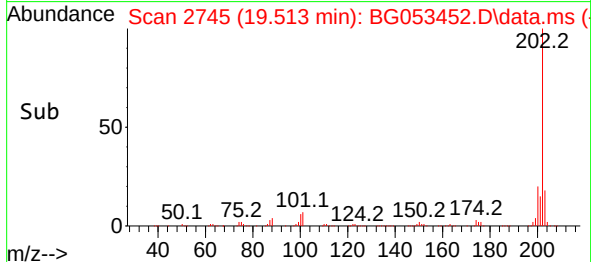
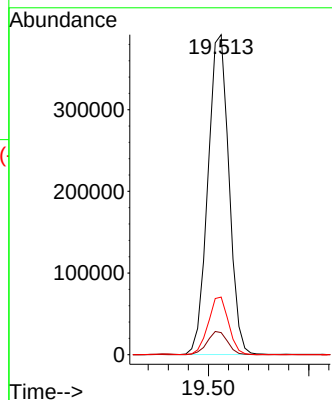
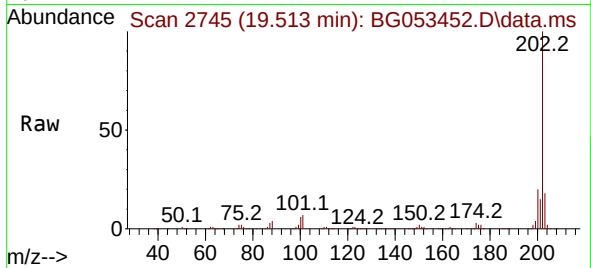




#75
Fluoranthene
Concen: 38.780 ng
RT: 19.513 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

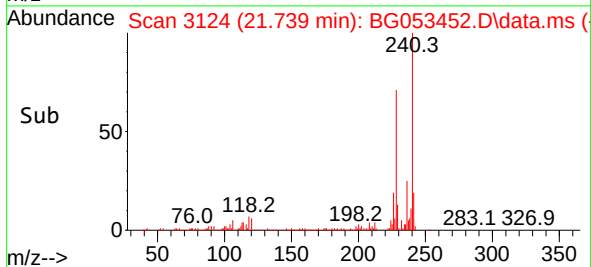
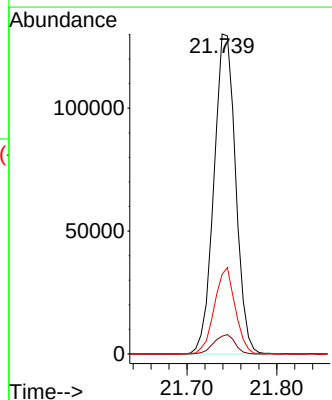
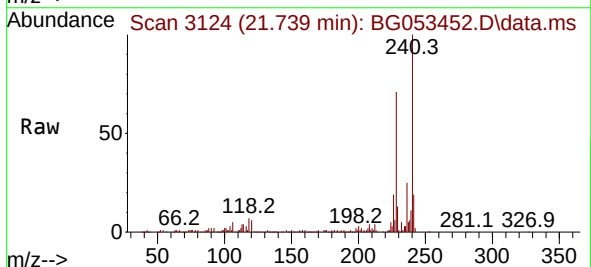
Instrument :
BNA_G
ClientSampleId :
PB144603BS

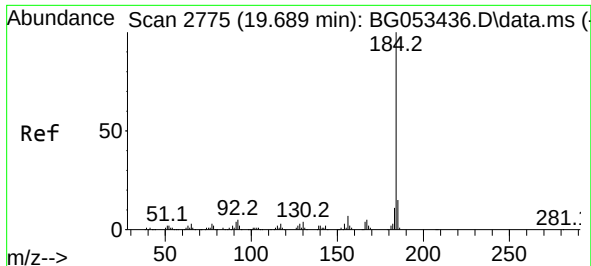
Tgt Ion:202 Resp: 568956
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.9
203 18.0 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:240 Resp: 218601
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.9 20.2 30.4

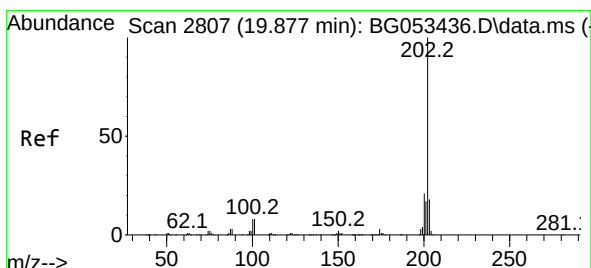
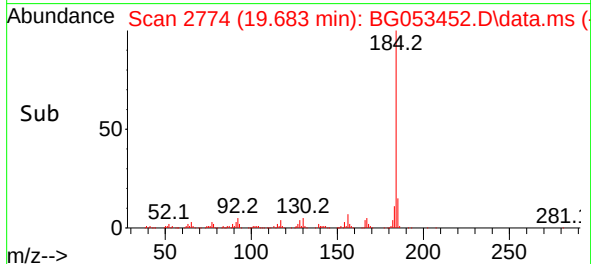
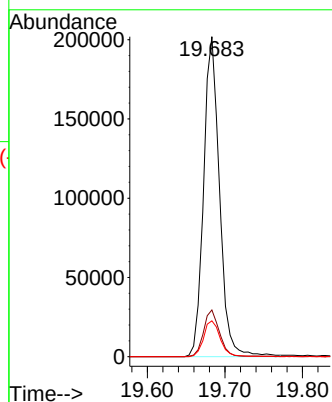
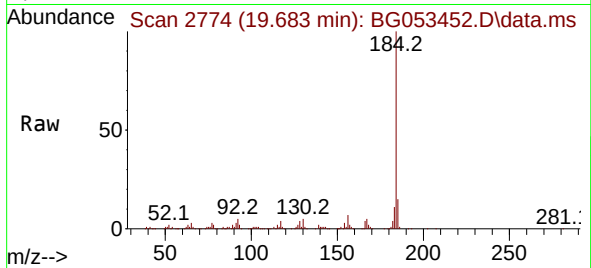




#77
Benzidine
Concen: 61.151 ng
RT: 19.683 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

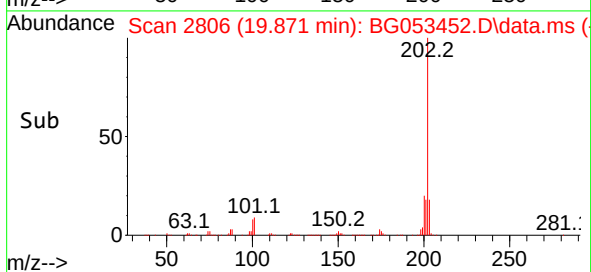
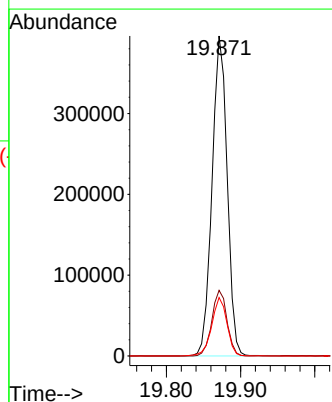
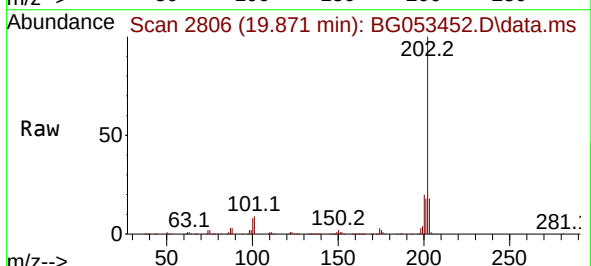
Instrument :
BNA_G
ClientSampleId :
PB144603BS

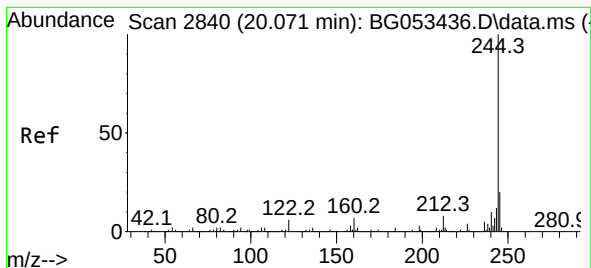
Tgt Ion:184 Resp: 288121
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 11.2 8.9 13.3



#78
Pyrene
Concen: 39.602 ng
RT: 19.871 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:202 Resp: 560411
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 18.3 14.6 21.8





#79

Terphenyl-d14

Concen: 79.746 ng

RT: 20.065 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

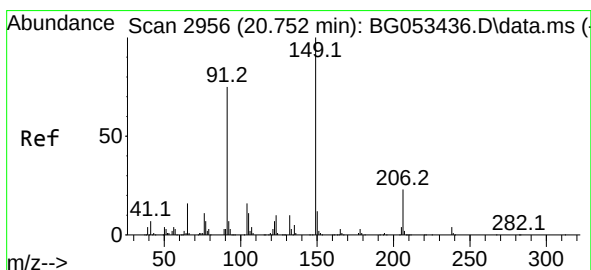
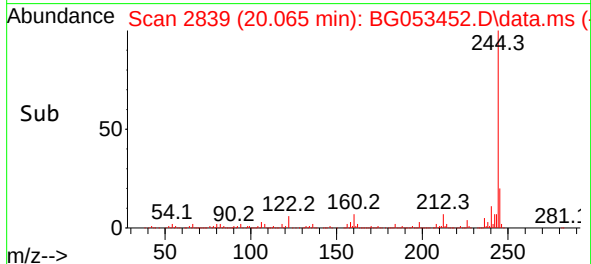
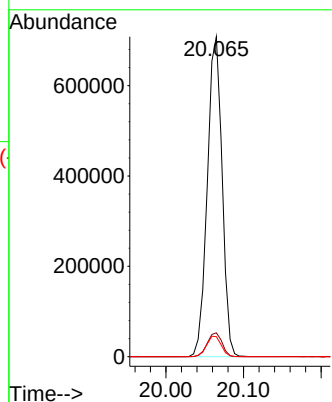
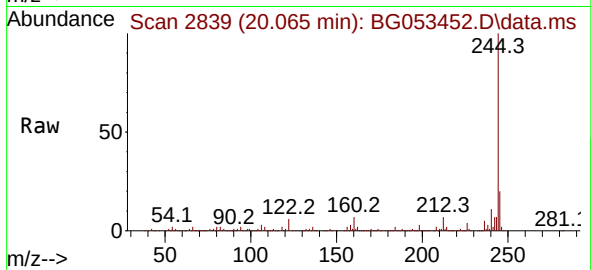
Tgt Ion:244 Resp: 935994

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 6.2 5.0 7.4



#80

Butylbenzylphthalate

Concen: 39.666 ng

RT: 20.746 min Scan# 2955

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

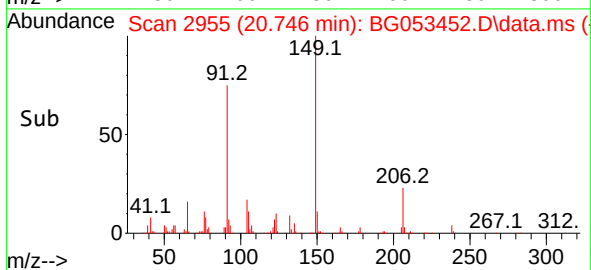
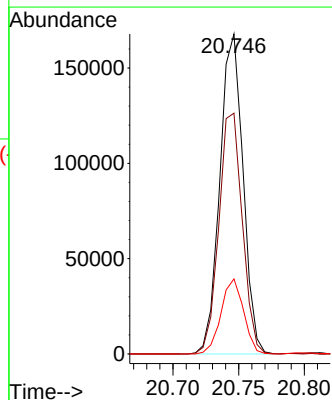
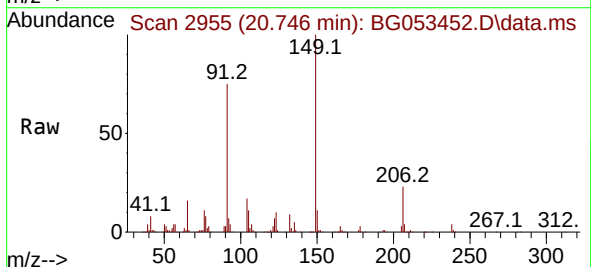
Tgt Ion:149 Resp: 205832

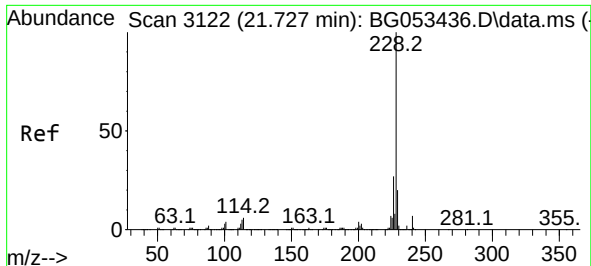
Ion Ratio Lower Upper

149 100

91 75.2 59.6 89.4

206 23.4 18.6 28.0

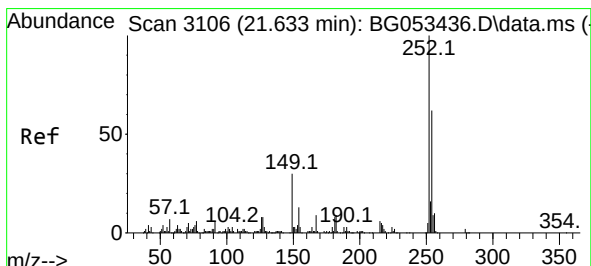
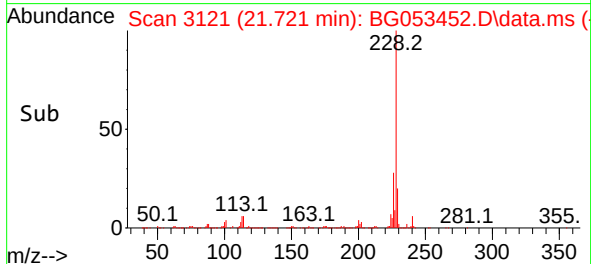
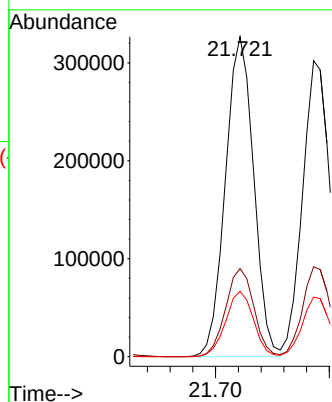
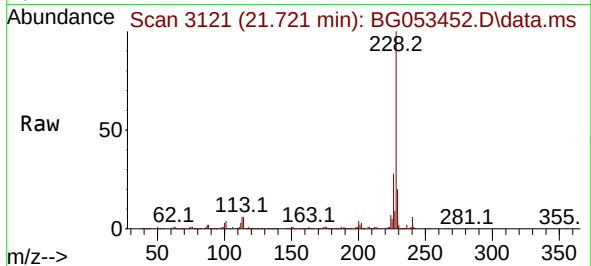




#81
Benzo(a)anthracene
Concen: 40.452 ng
RT: 21.721 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

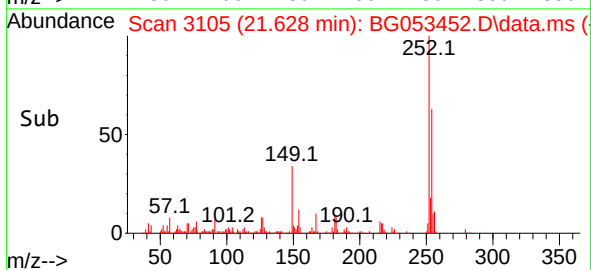
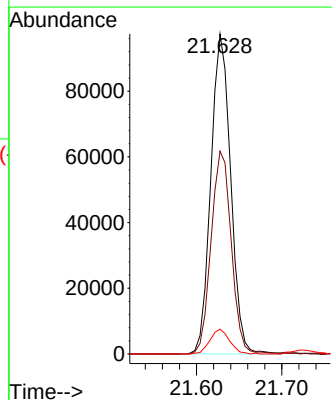
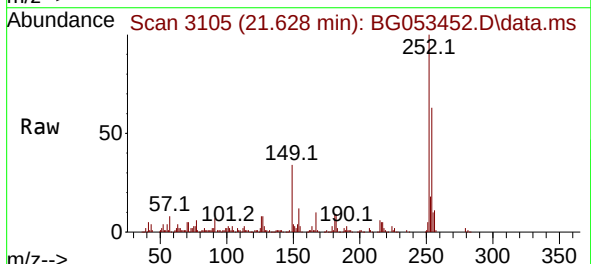
Instrument :
BNA_G
ClientSampleId :
PB144603BS

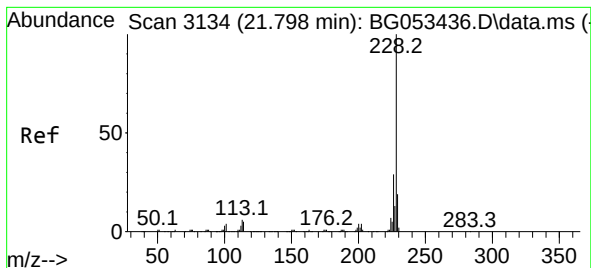
Tgt Ion:228 Resp: 564020
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 20.4 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 44.419 ng
RT: 21.628 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BG053452.D
Acq: 5 May 2022 15:58

Tgt Ion:252 Resp: 157053
Ion Ratio Lower Upper
252 100
254 63.4 49.8 74.8
126 7.8 6.0 9.0





#83

Chrysene

Concen: 38.853 ng

RT: 21.786 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

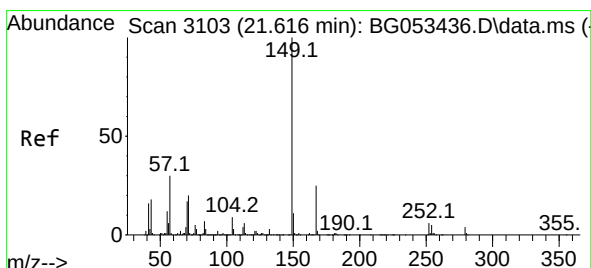
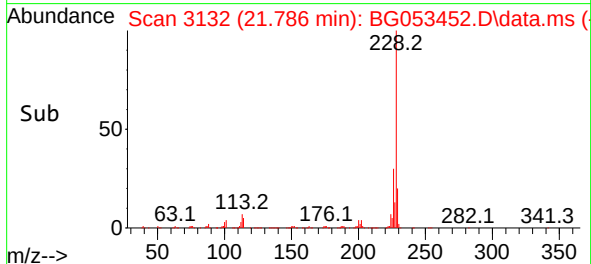
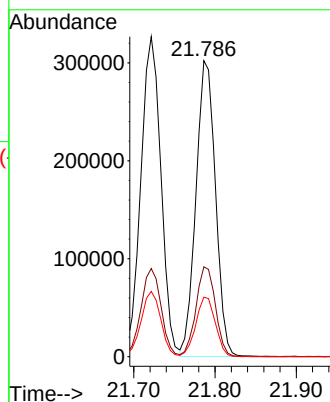
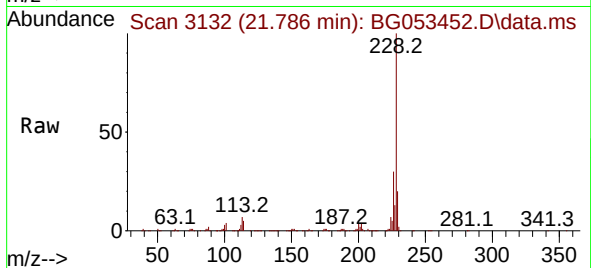
Tgt Ion:228 Resp: 505946

Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.2

229 20.1 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.052 ng

RT: 21.610 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

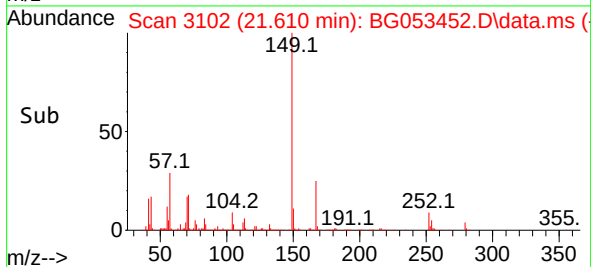
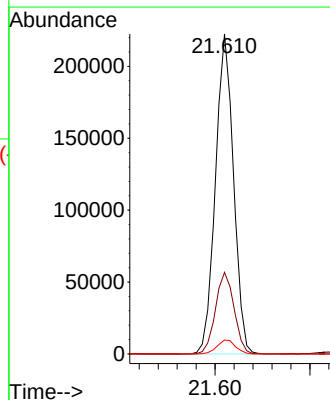
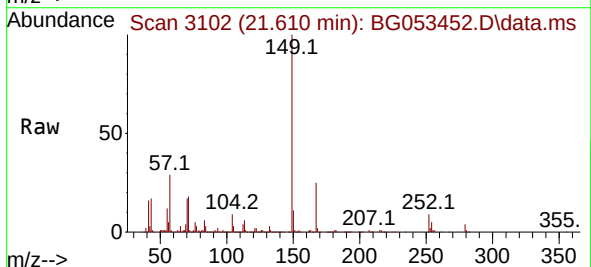
Tgt Ion:149 Resp: 294024

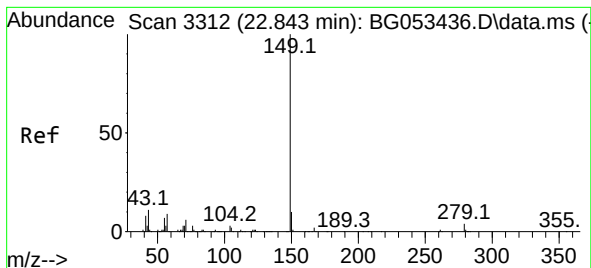
Ion Ratio Lower Upper

149 100

167 25.5 20.2 30.4

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 41.646 ng

RT: 22.838 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

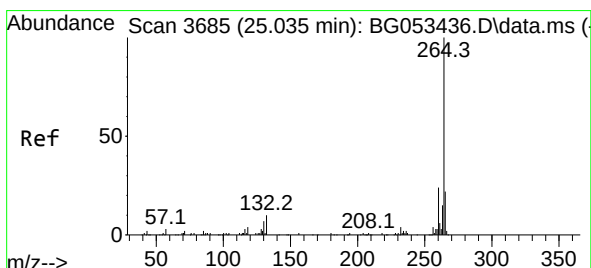
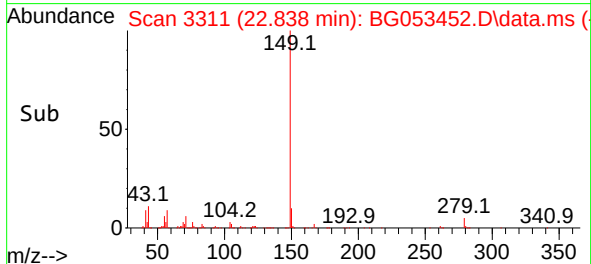
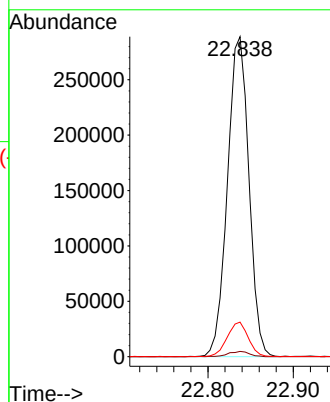
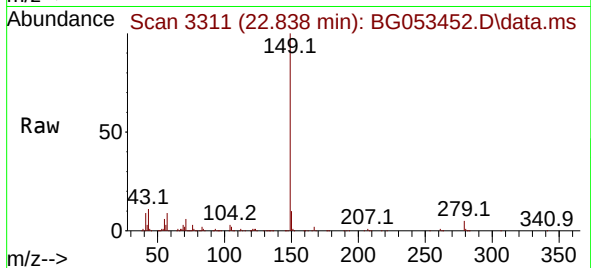
Tgt Ion:149 Resp: 504388

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.017 min Scan# 3682

Delta R.T. -0.018 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

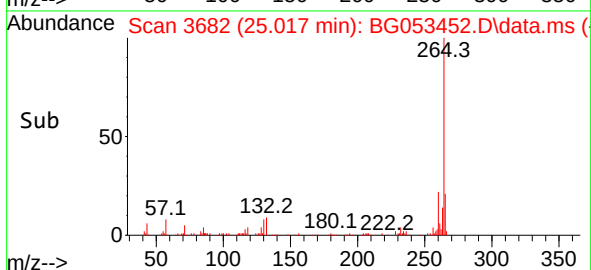
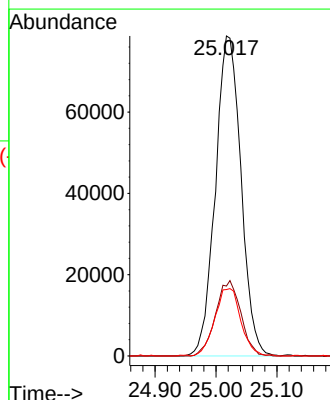
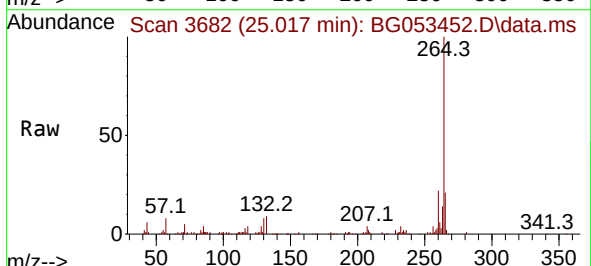
Tgt Ion:264 Resp: 229318

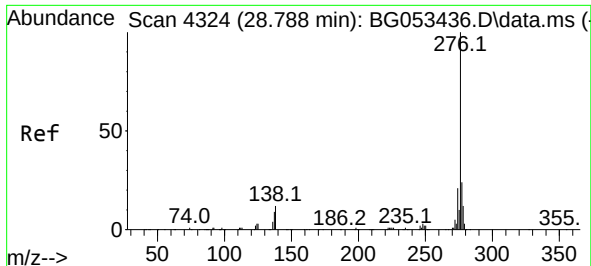
Ion Ratio Lower Upper

264 100

260 21.9 19.0 28.6

265 20.7 17.4 26.2

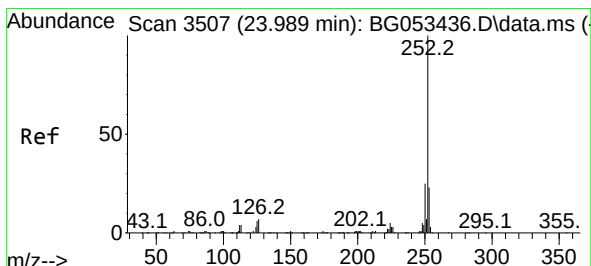
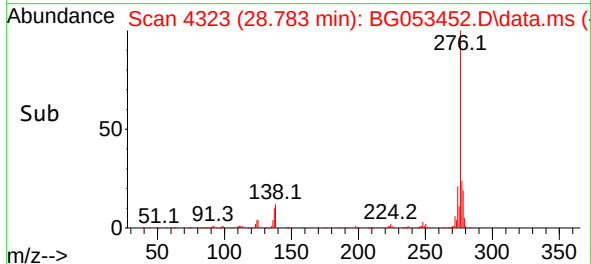
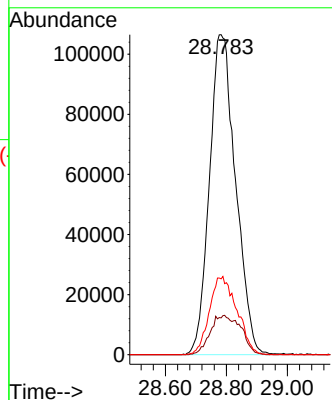
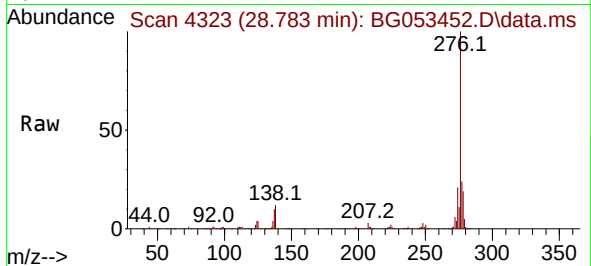




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.839 ng
 RT: 28.783 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

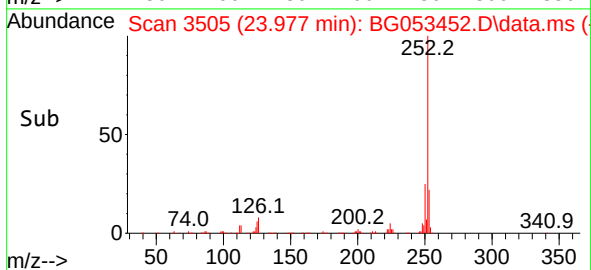
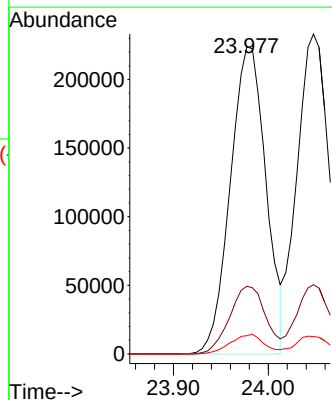
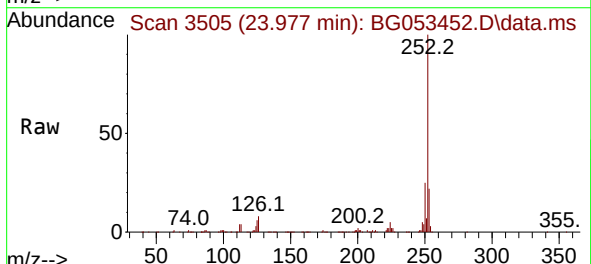
Instrument :
 BNA_G
 ClientSampleId :
 PB144603BS

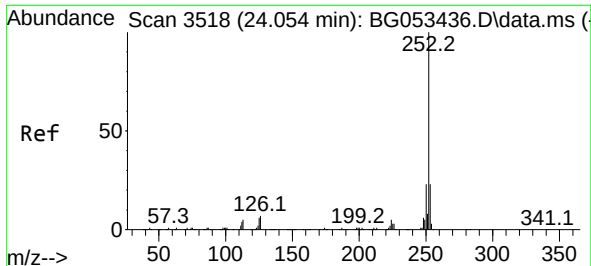
Tgt Ion:276 Resp: 636287
 Ion Ratio Lower Upper
 276 100
 138 14.4 5.0 7.4#
 277 25.6 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 43.060 ng
 RT: 23.977 min Scan# 3505
 Delta R.T. -0.012 min
 Lab File: BG053452.D
 Acq: 5 May 2022 15:58

Tgt Ion:252 Resp: 584482
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.0 27.0
 125 5.9 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 42.165 ng

RT: 24.048 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

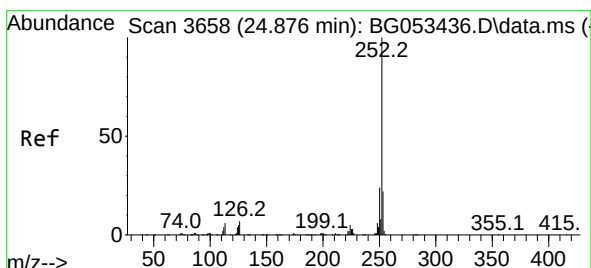
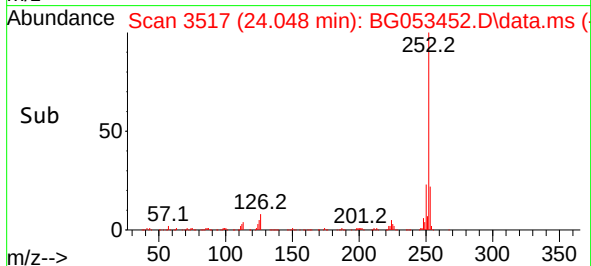
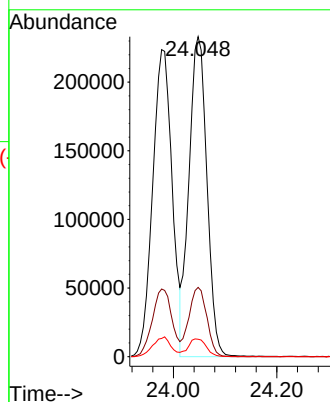
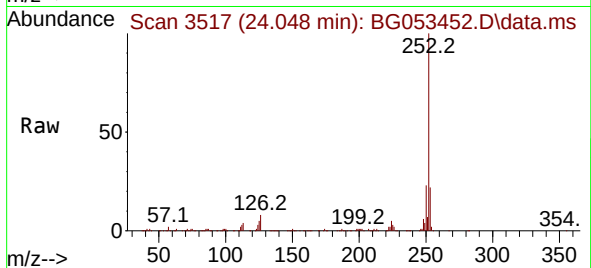
Tgt Ion:252 Resp: 562412

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

125 5.5 4.8 7.2



#90

Benzo(a)pyrene

Concen: 49.129 ng

RT: 24.870 min Scan# 3657

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

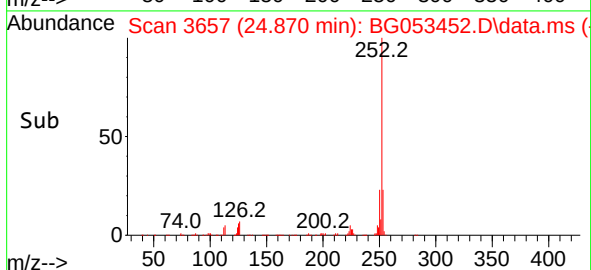
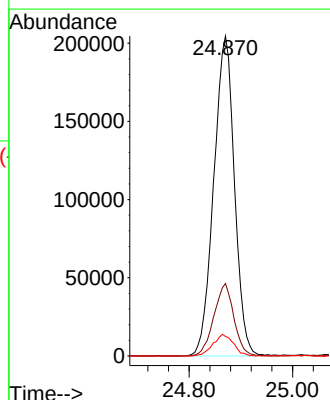
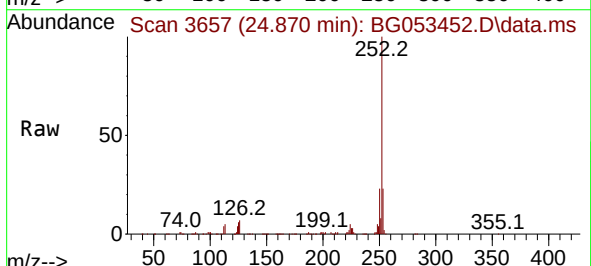
Tgt Ion:252 Resp: 567603

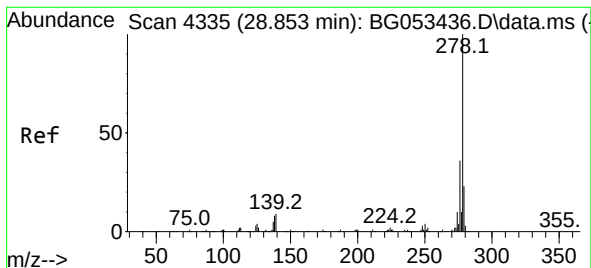
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 6.1 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 41.689 ng

RT: 28.841 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Instrument :

BNA_G

ClientSampleId :

PB144603BS

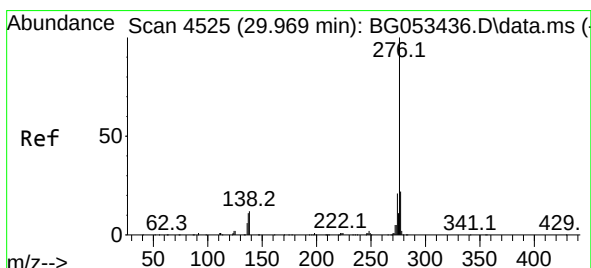
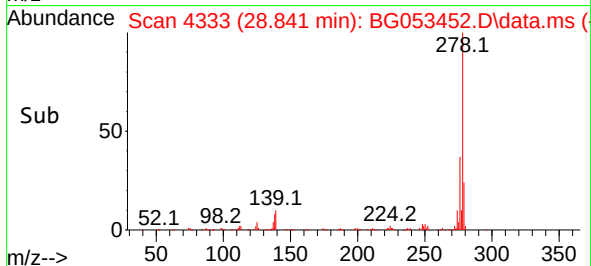
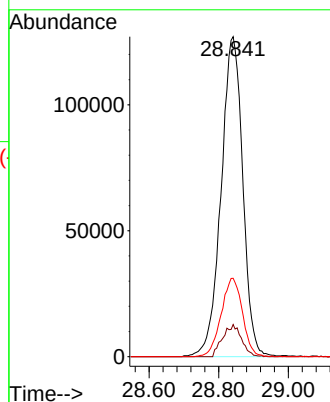
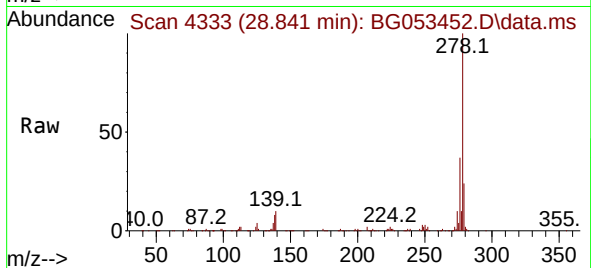
Tgt Ion:278 Resp: 548648

Ion Ratio Lower Upper

278 100

139 10.0 7.2 10.8

279 24.5 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 42.411 ng

RT: 29.963 min Scan# 4524

Delta R.T. -0.006 min

Lab File: BG053452.D

Acq: 5 May 2022 15:58

Tgt Ion:276 Resp: 553266

Ion Ratio Lower Upper

276 100

277 24.8 17.3 25.9

138 11.8 9.6 14.4

