

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053601.D
 Acq On : 18 May 2022 12:15
 Operator : CG/JU
 Sample : PB144886BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144886BS

Quant Time: May 18 14:04:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	21802	20.000	ng	-0.01
21) Naphthalene-d8	10.890	136	101132	20.000	ng	# 0.00
39) Acenaphthene-d10	14.708	164	83116	20.000	ng	0.00
64) Phenanthrene-d10	17.452	188	209762	20.000	ng	0.00
76) Chrysene-d12	21.734	240	197619	20.000	ng	0.00
86) Perylene-d12	25.012	264	202827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	184583	143.685	ng	0.00
7) Phenol-d6	7.248	99	271430	139.221	ng	0.00
23) Nitrobenzene-d5	9.245	82	188607	79.388	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	152295	124.235	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	438022	77.010	ng	0.00
79) Terphenyl-d14	20.054	244	914381	86.176	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.518	88	18368	27.251	ng	94
3) Pyridine	3.929	79	49231	29.908	ng	97
4) n-Nitrosodimethylamine	3.835	42	33104	41.284	ng	98
6) Aniline	7.406	93	97973	45.371	ng	99
8) 2-Chlorophenol	7.647	128	66676	49.648	ng	96
9) Benzaldehyde	7.213	77	43228	34.901	ng	98
10) Phenol	7.271	94	94038	49.317	ng	92
11) bis(2-Chloroethyl)ether	7.489	93	63062	44.344	ng	96
12) 1,3-Dichlorobenzene	7.970	146	66865	42.205	ng	91
13) 1,4-Dichlorobenzene	8.117	146	68337	42.744	ng	97
14) 1,2-Dichlorobenzene	8.434	146	66602	44.363	ng	96
15) Benzyl Alcohol	8.317	79	72985	44.777	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.605	45	101901	44.026	ng	95
17) 2-Methylphenol	8.528	107	65064	50.485	ng	95
18) Hexachloroethane	9.163	117	25162	41.445	ng	92
19) n-Nitroso-di-n-propyla...	8.881	70	63570	45.445	ng	99
20) 3+4-Methylphenols	8.857	107	88615	48.685	ng	99
22) Acetophenone	8.899	105	108194	39.090	ng	# 97
24) Nitrobenzene	9.286	77	95498	41.531	ng	97
25) Isophorone	9.809	82	176751	44.207	ng	97
26) 2-Nitrophenol	10.003	139	40721	43.724	ng	93
27) 2,4-Dimethylphenol	10.056	122	69617	49.671	ng	96
28) bis(2-Chloroethoxy)met...	10.285	93	92974	40.432	ng	# 96
29) 2,4-Dichlorophenol	10.543	162	76992	45.516	ng	94
30) 1,2,4-Trichlorobenzene	10.755	180	77567	40.359	ng	97
31) Naphthalene	10.943	128	209708	40.765	ng	98
32) Benzoic acid	10.220	122	27077	33.928	ng	86
33) 4-Chloroaniline	11.054	127	57384	26.636	ng	96
34) Hexachlorobutadiene	11.225	225	56743	39.816	ng	97
35) Caprolactam	11.818	113	15216	24.753	ng	# 88
36) 4-Chloro-3-methylphenol	12.171	107	90282	44.619	ng	99
37) 2-Methylnaphthalene	12.541	142	156600	40.791	ng	99
38) 1-Methylnaphthalene	12.758	142	151219	40.372	ng	98
40) 1,2,4,5-Tetrachloroben...	12.911	216	102816	39.244	ng	99
41) Hexachlorocyclopentadiene	12.887	237	91325	84.962	ng	94
43) 2,4,6-Trichlorophenol	13.152	196	72174	42.203	ng	96

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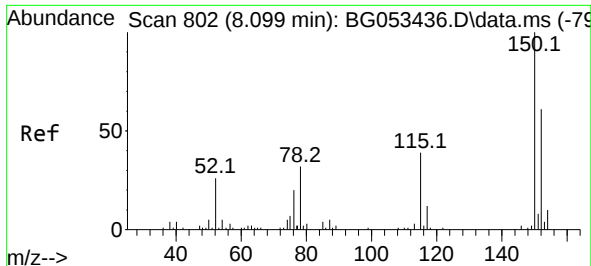
Quant Time: May 18 14:04:50 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	77238	42.436	ng	99
46) 1,1'-Biphenyl	13.539	154	222824	39.330	ng	97
47) 2-Chloronaphthalene	13.586	162	174744	39.368	ng	99
48) 2-Nitroaniline	13.792	65	72717	43.965	ng	99
49) Acenaphthylene	14.432	152	303768	42.886	ng	99
50) Dimethylphthalate	14.156	163	255945	40.523	ng	99
51) 2,6-Dinitrotoluene	14.280	165	55911	43.450	ng	96
52) Acenaphthene	14.773	154	171336	40.590	ng	99
53) 3-Nitroaniline	14.614	138	48450	34.847	ng	98
54) 2,4-Dinitrophenol	14.826	184	57431	71.068	ng	98
55) Dibenzofuran	15.108	168	297564	39.246	ng	98
56) 4-Nitrophenol	14.932	139	82834	83.413	ng	89
57) 2,4-Dinitrotoluene	15.073	165	82476	44.218	ng #	93
58) Fluorene	15.754	166	246321	40.483	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.337	232	74945	40.583	ng	99
60) Diethylphthalate	15.513	149	267495	41.000	ng	99
61) 4-Chlorophenyl-phenyle...	15.742	204	138186	40.700	ng	96
62) 4-Nitroaniline	15.777	138	59709	41.405	ng	92
63) Azobenzene	16.036	77	268191	40.143	ng	98
65) 4,6-Dinitro-2-methylph...	15.842	198	49964	39.974	ng	92
66) n-Nitrosodiphenylamine	15.954	169	224344	40.735	ng	99
67) 4-Bromophenyl-phenylether	16.635	248	99170	40.481	ng	99
68) Hexachlorobenzene	16.764	284	107799	40.179	ng	100
69) Atrazine	16.899	200	96325	41.546	ng	96
70) Pentachlorophenol	17.111	266	105820	73.632	ng	94
71) Phenanthrene	17.499	178	433767	40.668	ng	97
72) Anthracene	17.587	178	433130	41.314	ng	99
73) Carbazole	17.857	167	397737	38.710	ng	100
74) Di-n-butylphthalate	18.403	149	461085	39.901	ng	99
75) Fluoranthene	19.502	202	553024	40.044	ng	99
77) Benzidine	19.678	184	248360	58.308	ng	98
78) Pyrene	19.866	202	545002	42.602	ng	100
80) Butylbenzylphthalate	20.735	149	201645	42.985	ng	98
81) Benzo(a)anthracene	21.716	228	531176	42.142	ng	98
82) 3,3'-Dichlorobenzidine	21.622	252	156327	48.908	ng	99
83) Chrysene	21.781	228	487525	41.413	ng	98
84) Bis(2-ethylhexyl)phtha...	21.605	149	282907	43.694	ng	98
85) Di-n-octyl phthalate	22.827	149	477510	43.613	ng	100
87) Indeno(1,2,3-cd)pyrene	28.772	276	583854	41.331	ng #	95
88) Benzo(b)fluoranthene	23.972	252	555224	46.247	ng	99
89) Benzo(k)fluoranthene	24.037	252	508454	43.098	ng	98
90) Benzo(a)pyrene	24.859	252	521029	50.988	ng	97
91) Dibenzo(a,h)anthracene	28.825	278	504404	43.333	ng	98
92) Benzo(g,h,i)perylene	29.947	276	506866	43.929	ng	98

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

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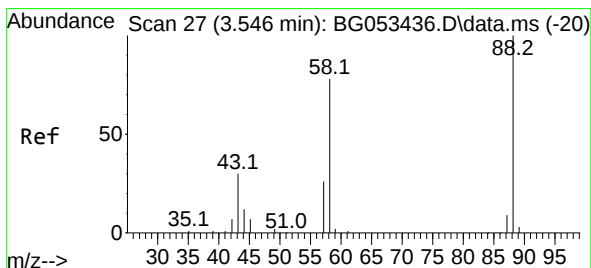
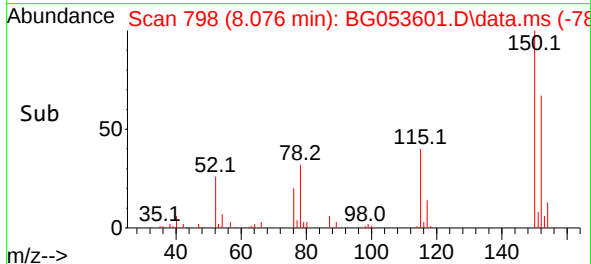
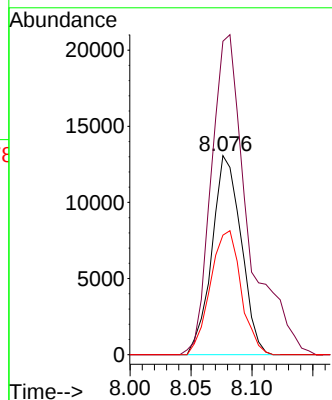
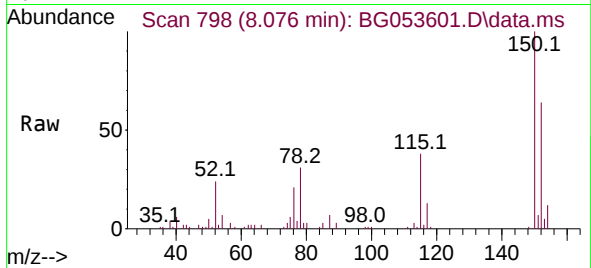




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.076 min Scan# 79
 Delta R.T. -0.013 min
 Lab File: BG053601.D
 Acq: 18 May 2022 12:15

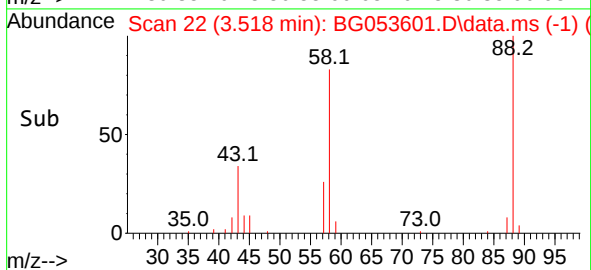
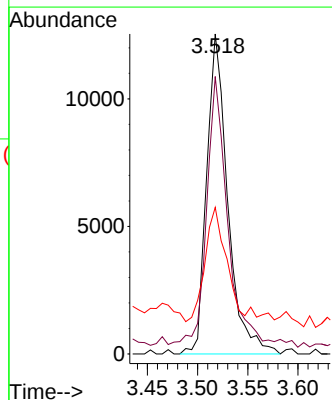
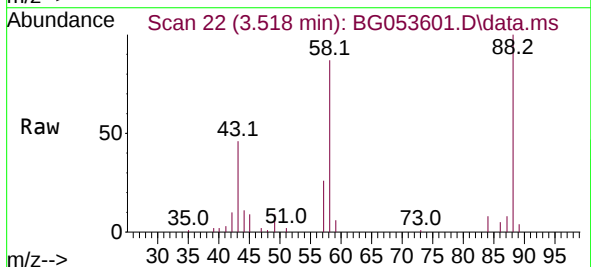
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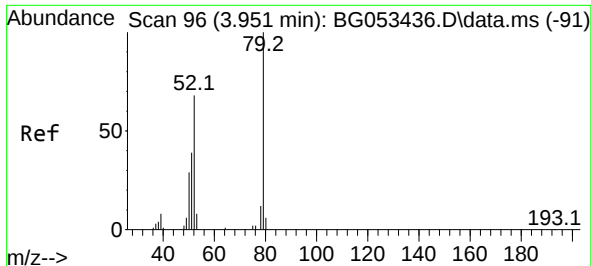
Tgt Ion:152 Resp: 21802
 Ion Ratio Lower Upper
 152 100
 150 157.4 131.6 197.4
 115 60.0 50.9 76.3



#2
 1,4-Dioxane
 Concen: 27.251 ng
 RT: 3.518 min Scan# 22
 Delta R.T. -0.019 min
 Lab File: BG053601.D
 Acq: 18 May 2022 12:15

Tgt Ion: 88 Resp: 18368
 Ion Ratio Lower Upper
 88 100
 58 78.2 59.2 88.8
 43 35.8 24.3 36.5





#3

Pyridine

Concen: 29.908 ng

RT: 3.929 min Scan# 91

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB144886BS

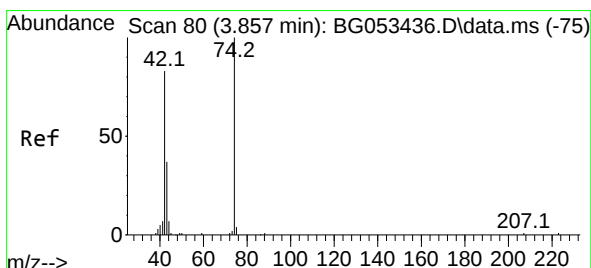
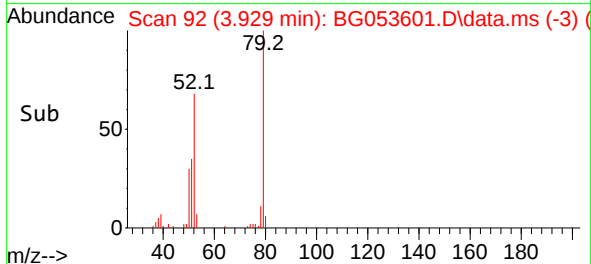
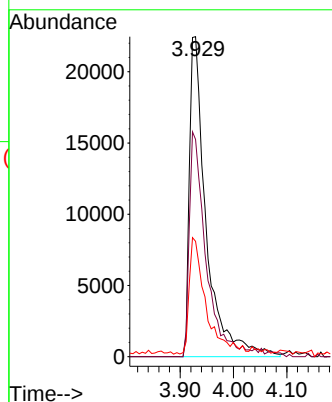
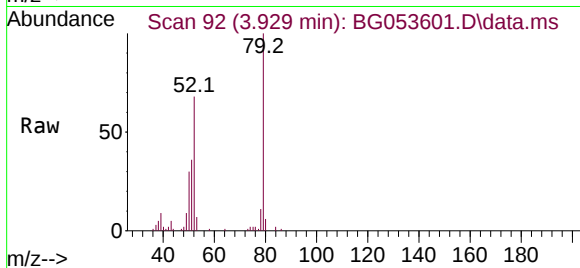
Tgt Ion: 79 Resp: 49231

Ion Ratio Lower Upper

79 100

52 67.9 54.6 81.8

51 36.0 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 41.284 ng

RT: 3.835 min Scan# 76

Delta R.T. -0.013 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

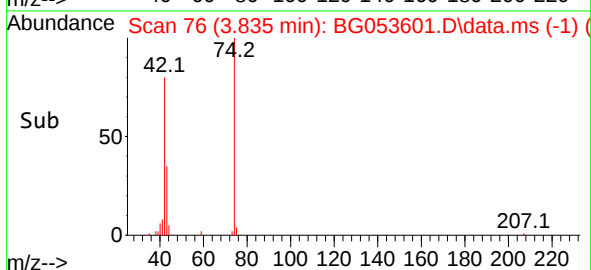
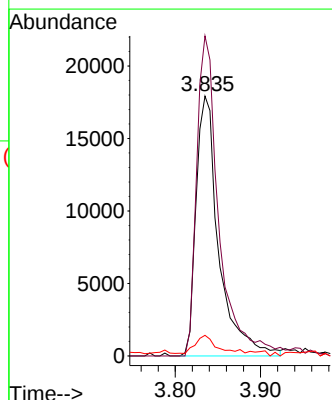
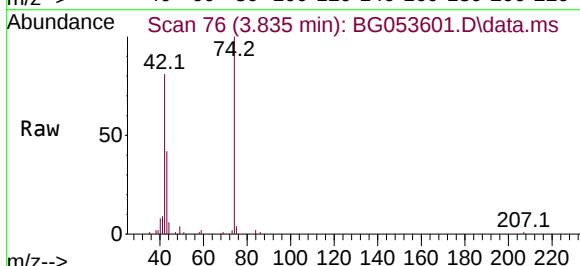
Tgt Ion: 42 Resp: 33104

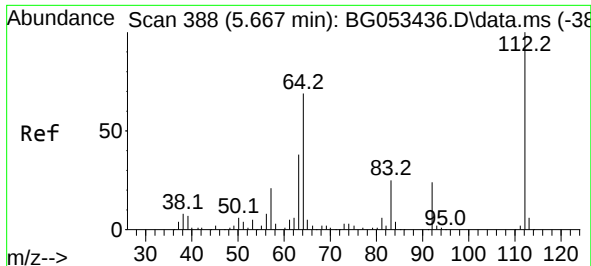
Ion Ratio Lower Upper

42 100

74 123.1 97.0 145.4

44 8.0 7.0 10.4

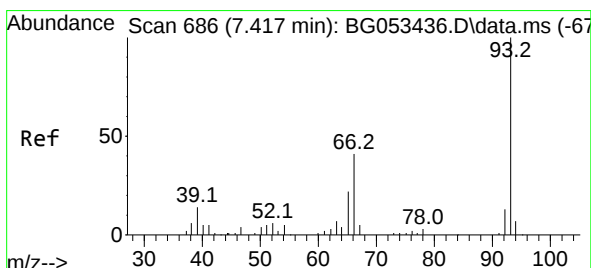
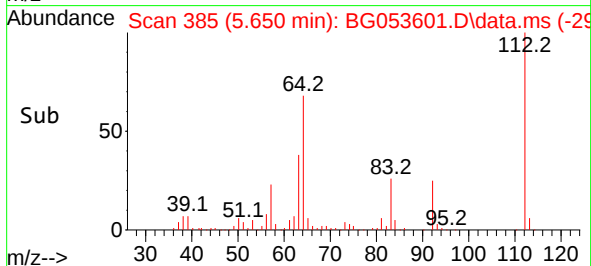
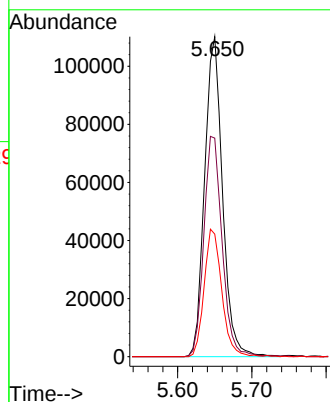
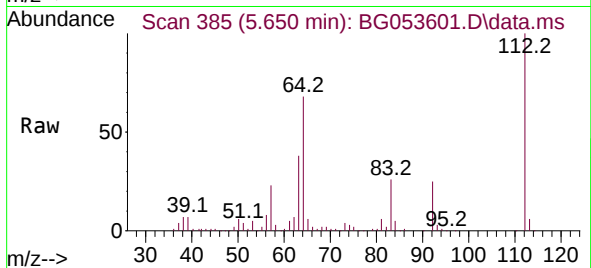




#5
2-Fluorophenol
Concen: 143.685 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

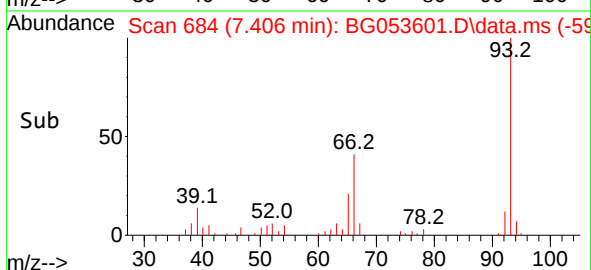
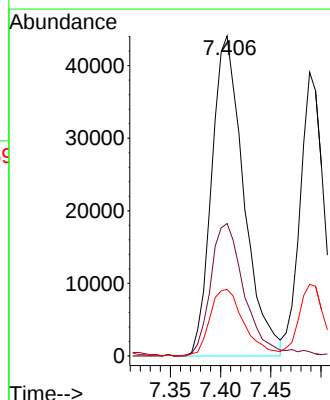
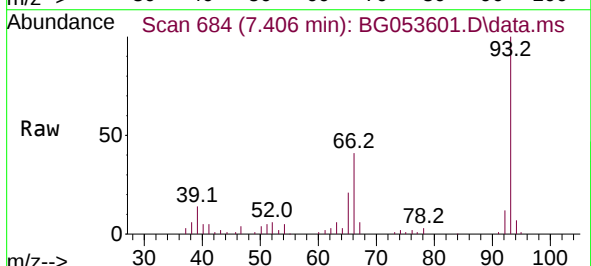
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Tgt Ion:112 Resp: 184583
Ion Ratio Lower Upper
112 100
64 68.3 55.1 82.7
63 38.3 30.4 45.6



#6
Aniline
Concen: 45.371 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion: 93 Resp: 97973
Ion Ratio Lower Upper
93 100
66 41.4 32.9 49.3
65 20.8 17.8 26.8

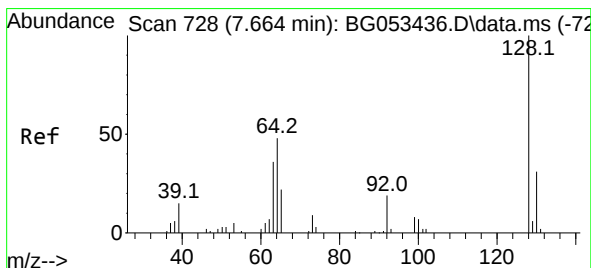
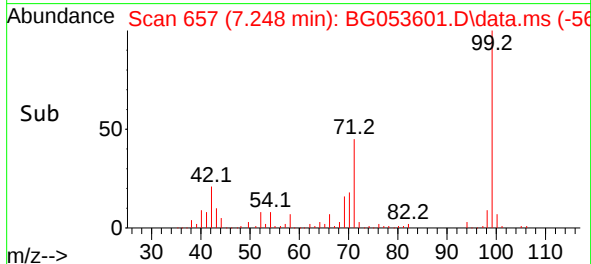
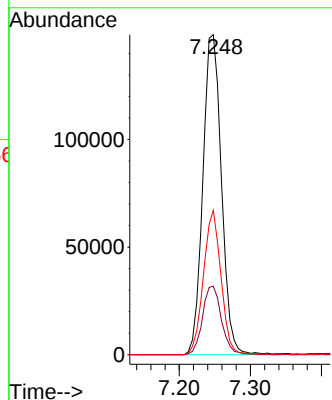
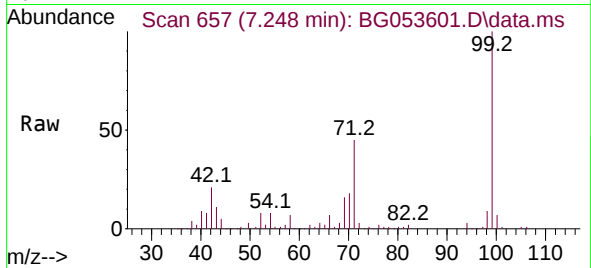




#7
Phenol-d6
Concen: 139.221 ng
RT: 7.248 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

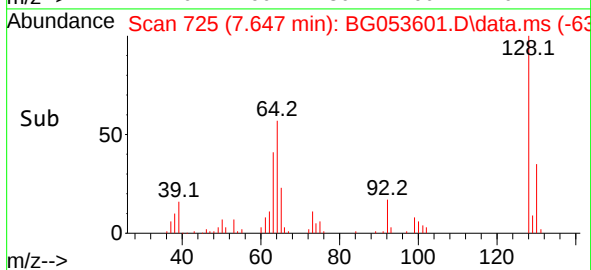
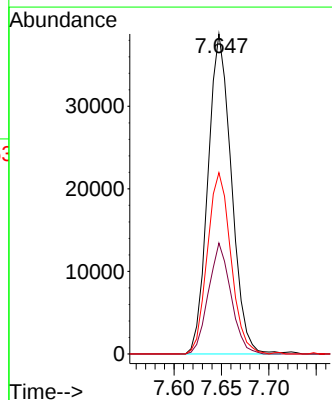
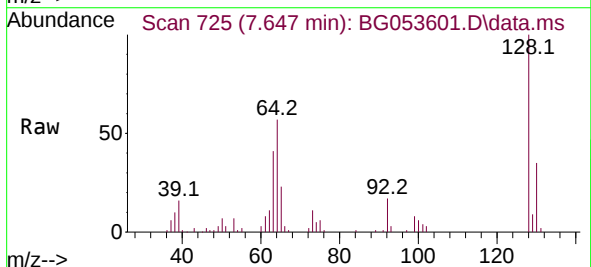
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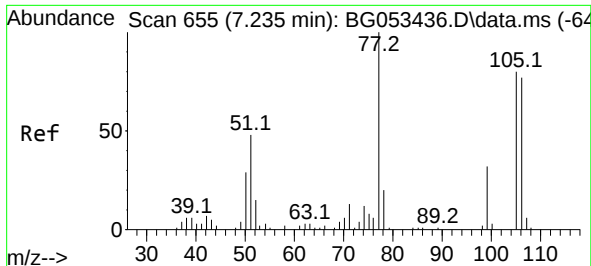
Tgt Ion: 99 Resp: 271430
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 45.1 33.8 50.8



#8
2-Chlorophenol
Concen: 49.648 ng
RT: 7.647 min Scan# 725
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion: 128 Resp: 66676
Ion Ratio Lower Upper
128 100
130 34.7 10.5 50.5
64 56.6 35.1 75.1

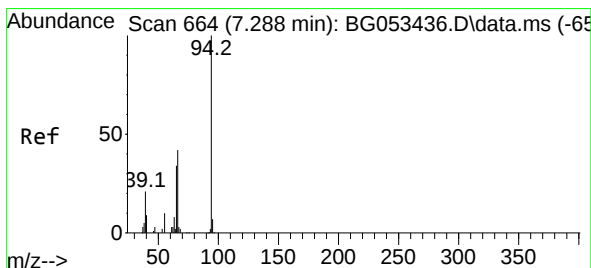
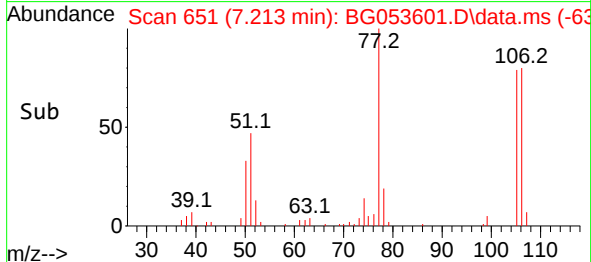
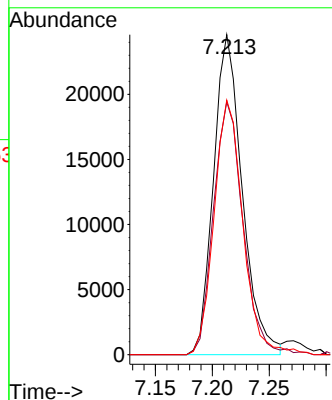
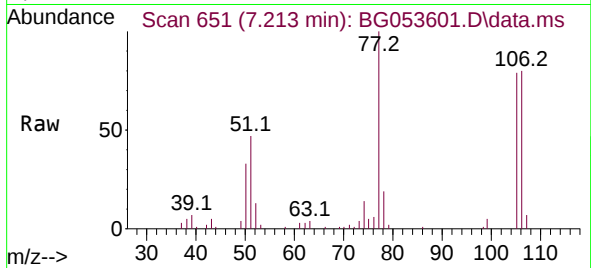




#9
Benzaldehyde
Concen: 34.901 ng
RT: 7.213 min Scan# 611
Delta R.T. -0.013 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

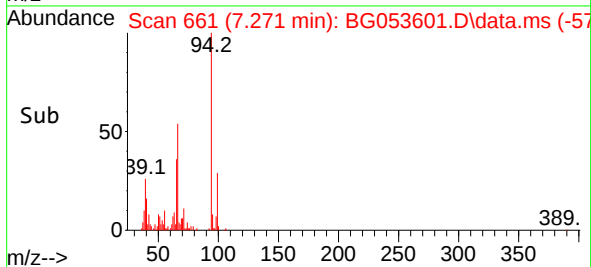
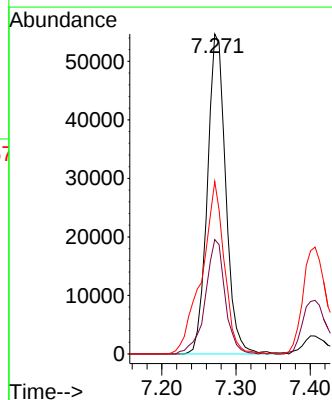
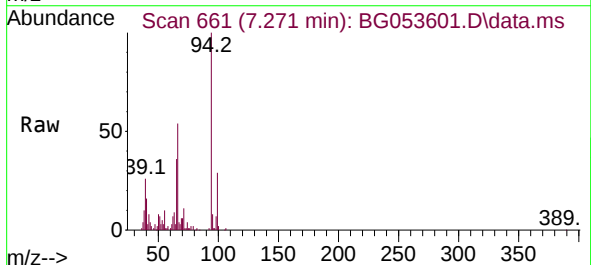
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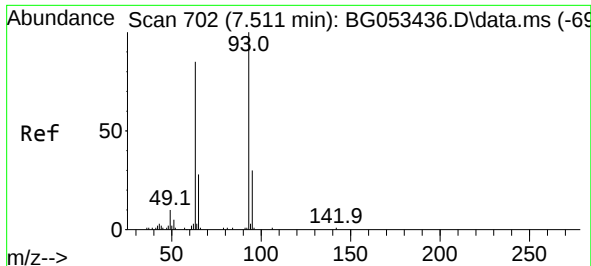
Tgt Ion: 77 Resp: 43228
Ion Ratio Lower Upper
77 100
105 79.0 59.6 99.6
106 79.5 56.8 96.8



#10
Phenol
Concen: 49.317 ng
RT: 7.271 min Scan# 661
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion: 94 Resp: 94038
Ion Ratio Lower Upper
94 100
65 35.8 14.8 54.8
66 53.9 25.2 65.2

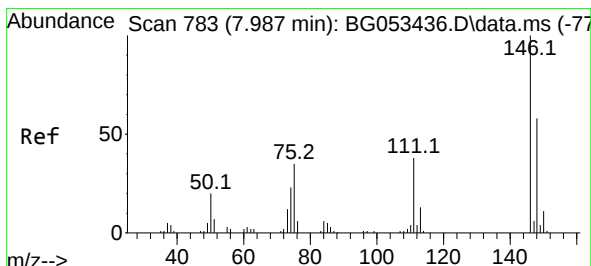
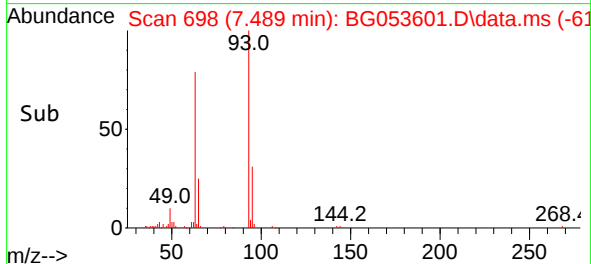
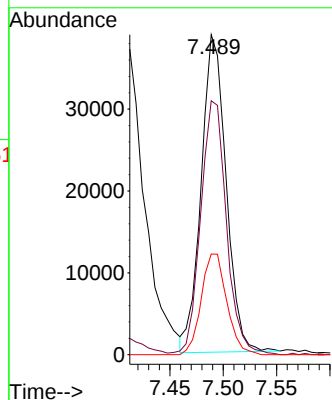
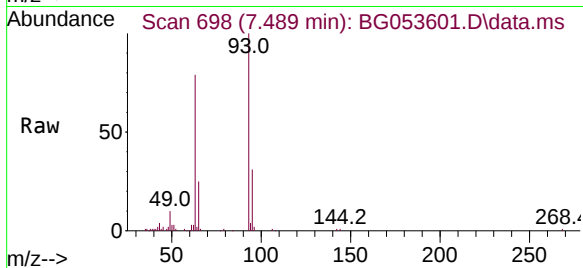




#11
bis(2-Chloroethyl)ether
Concen: 44.344 ng
RT: 7.489 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

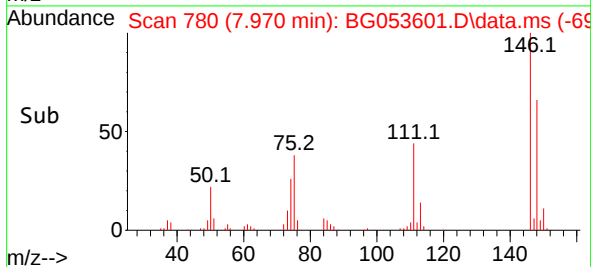
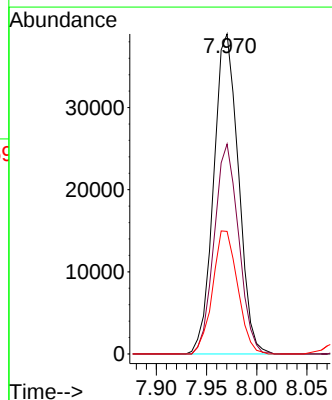
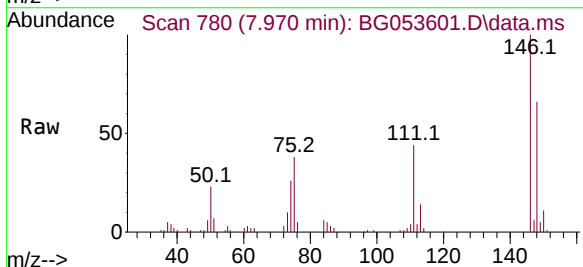
Instrument :
BNA_G
ClientSampleId :
PB144886BS

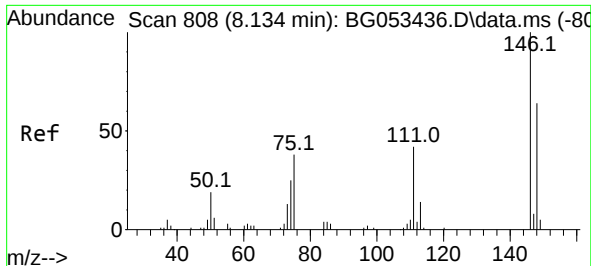
Tgt Ion: 93 Resp: 63062
Ion Ratio Lower Upper
93 100
63 79.3 63.6 103.6
95 31.5 10.1 50.1



#12
1,3-Dichlorobenzene
Concen: 42.205 ng
RT: 7.970 min Scan# 780
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion: 146 Resp: 66865
Ion Ratio Lower Upper
146 100
148 65.6 46.1 69.1
75 38.3 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 42.744 ng

RT: 8.117 min Scan# 80

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB144886BS

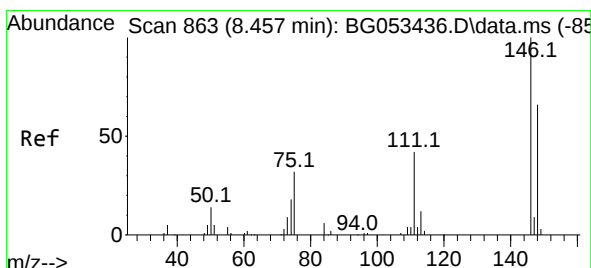
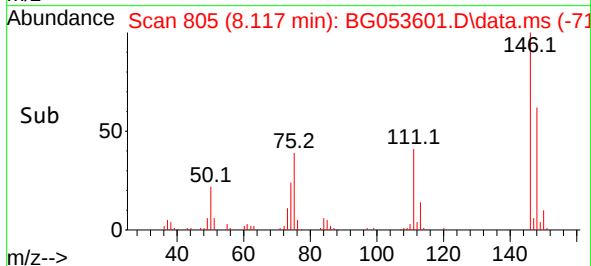
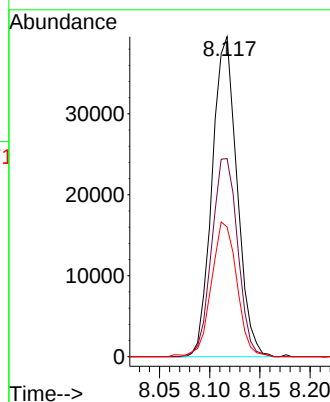
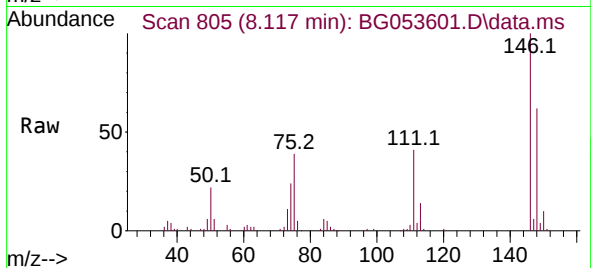
Tgt Ion:146 Resp: 68337

Ion Ratio Lower Upper

146 100

148 61.9 51.5 77.3

111 40.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 44.363 ng

RT: 8.434 min Scan# 859

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

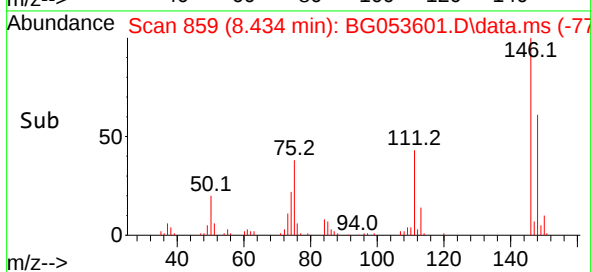
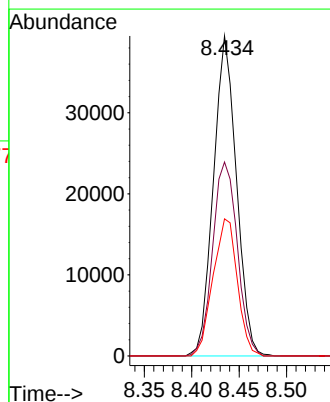
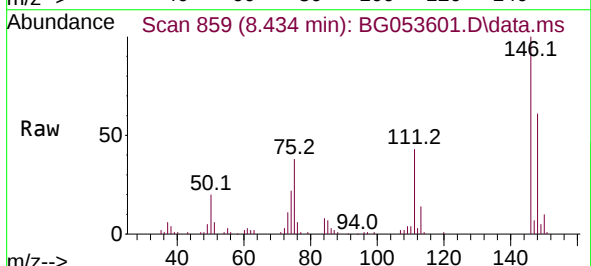
Tgt Ion:146 Resp: 66602

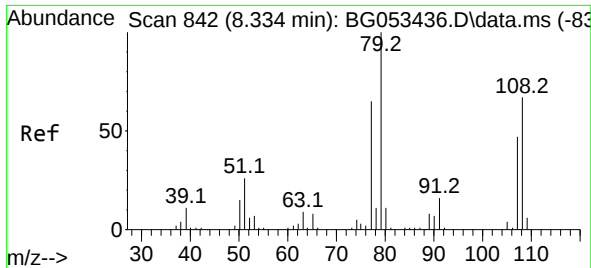
Ion Ratio Lower Upper

146 100

148 60.6 52.6 78.8

111 42.9 34.5 51.7

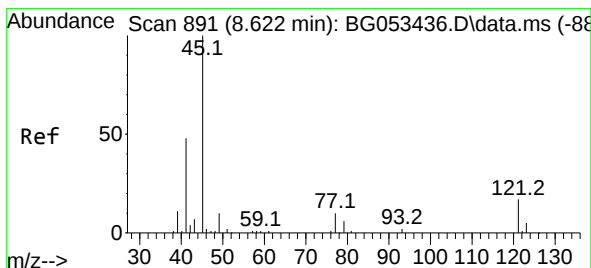
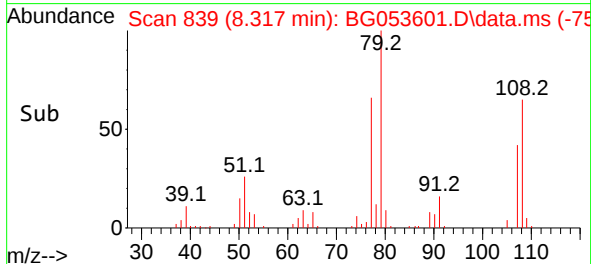
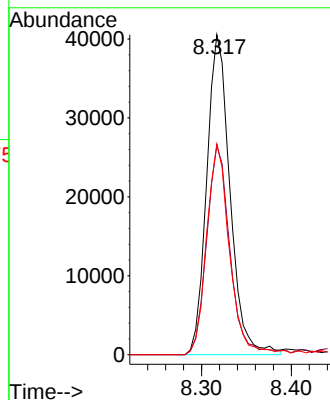
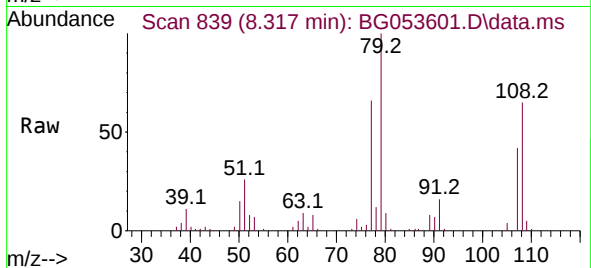




#15
Benzyl Alcohol
Concen: 44.777 ng
RT: 8.317 min Scan# 811
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

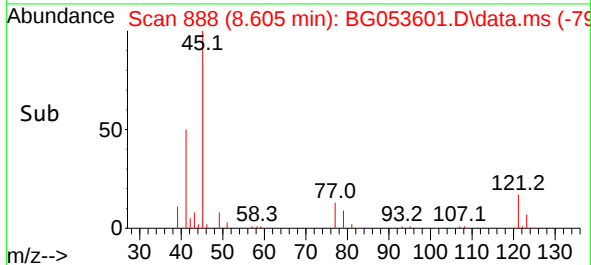
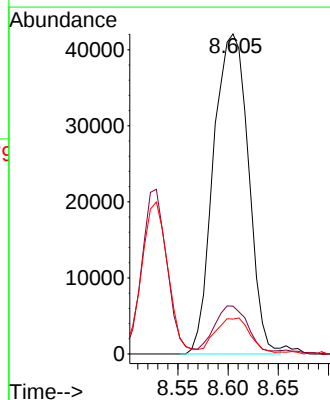
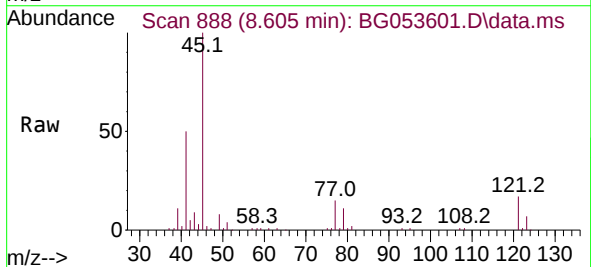
Instrument :
BNA_G
ClientSampleId :
PB144886BS

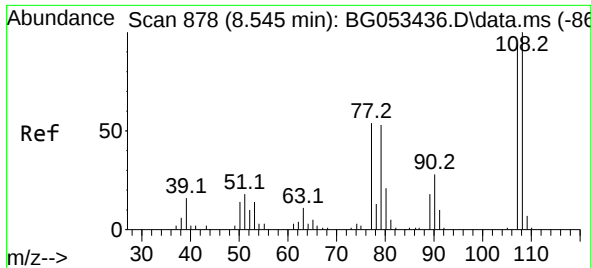
Tgt Ion: 79 Resp: 72985
Ion Ratio Lower Upper
79 100
108 65.4 53.7 80.5
77 65.8 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.026 ng
RT: 8.605 min Scan# 888
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

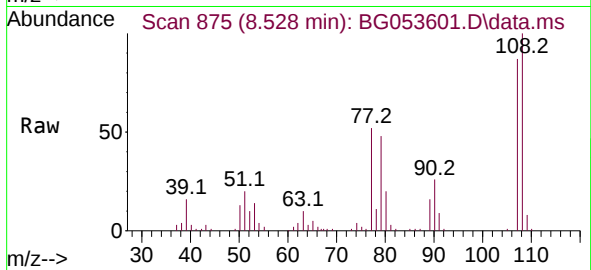
Tgt Ion: 45 Resp: 101901
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.7
79 10.9 0.0 29.7



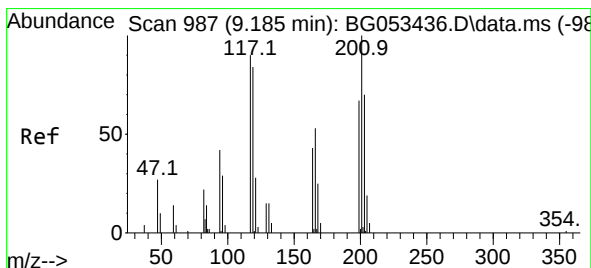
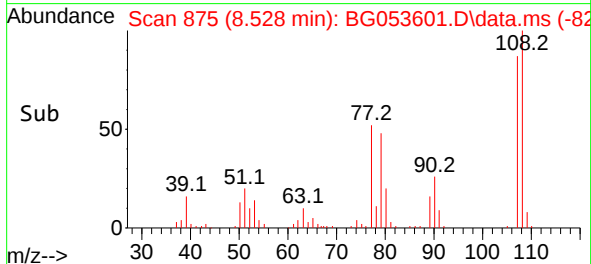
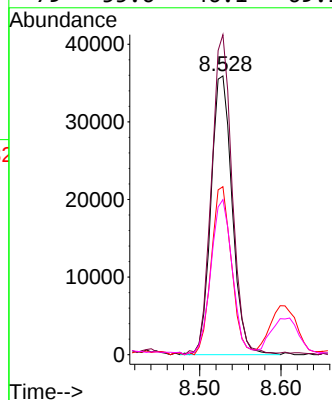


#17
2-Methylphenol
Concen: 50.485 ng
RT: 8.528 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Instrument :
BNA_G
ClientSampleId :
PB144886BS

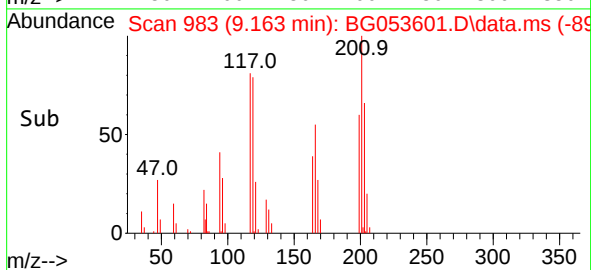
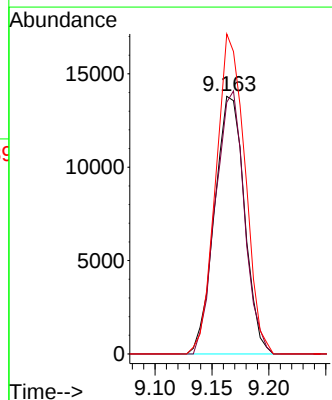
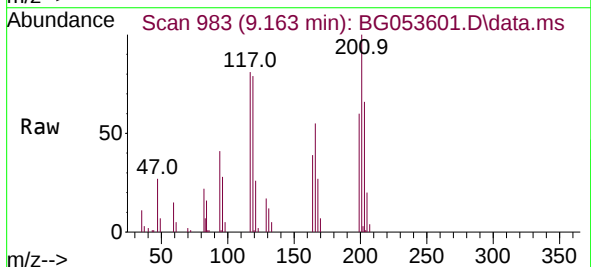


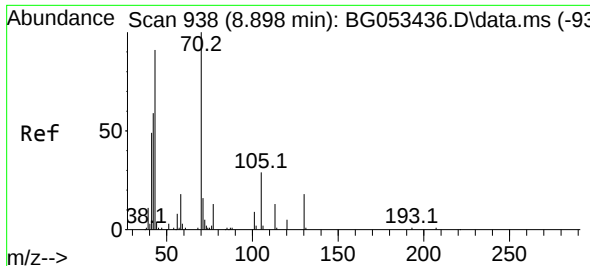
Tgt Ion:	107	Resp:	65064
Ion	Ratio	Lower	Upper
107	100		
108	114.8	85.4	128.0
77	60.2	46.2	69.2
79	55.6	46.1	69.1



#18
Hexachloroethane
Concen: 41.445 ng
RT: 9.163 min Scan# 983
Delta R.T. -0.013 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:	117	Resp:	25162
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.0	112.6
201	124.2	89.0	133.6

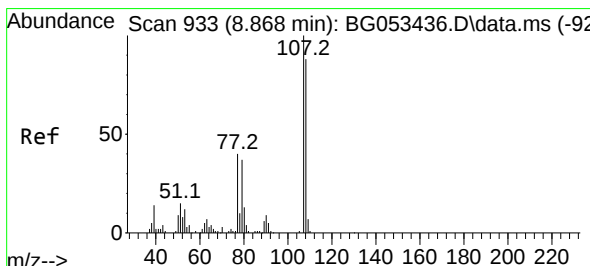
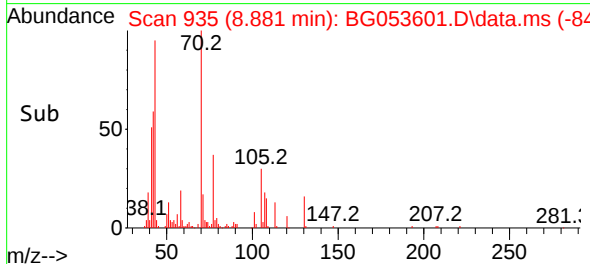
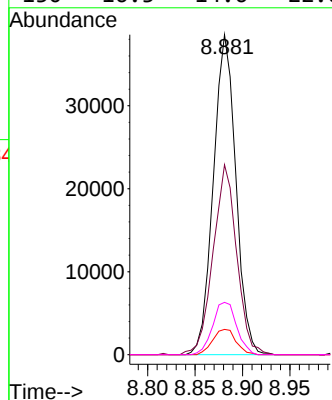
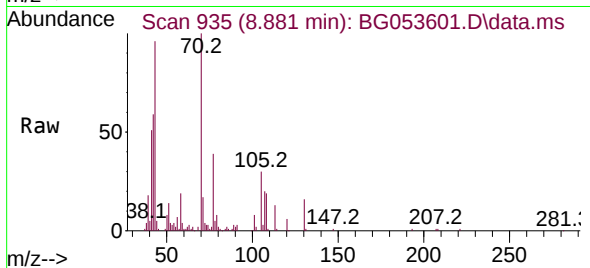




#19
n-Nitroso-di-n-propylamine
Concen: 45.445 ng
RT: 8.881 min Scan# 911
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

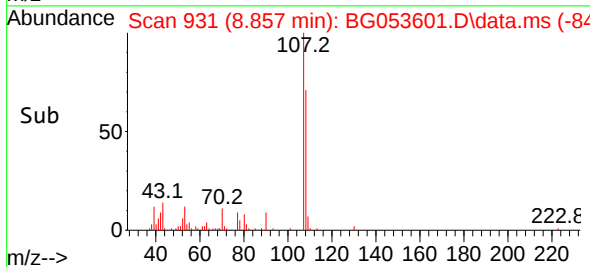
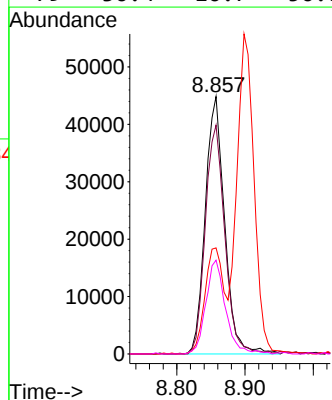
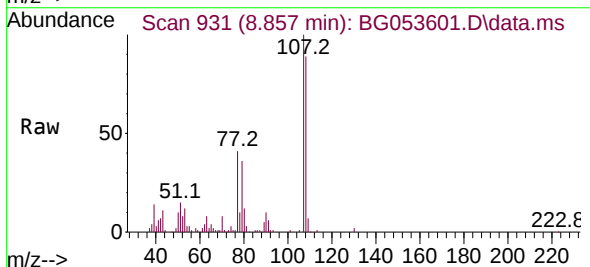
Instrument :
BNA_G
ClientSampleId :
PB144886BS

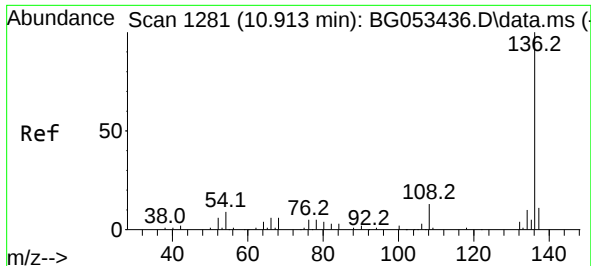
Tgt Ion:	70	Resp:	63570
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.3	70.9
101	7.9	7.0	10.4
130	16.3	14.6	22.0



#20
3+4-Methylphenols
Concen: 48.685 ng
RT: 8.857 min Scan# 931
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:	107	Resp:	88615
Ion	Ratio	Lower	Upper
107	100		
108	88.9	67.5	107.5
77	41.2	20.3	60.3
79	36.4	16.7	56.7





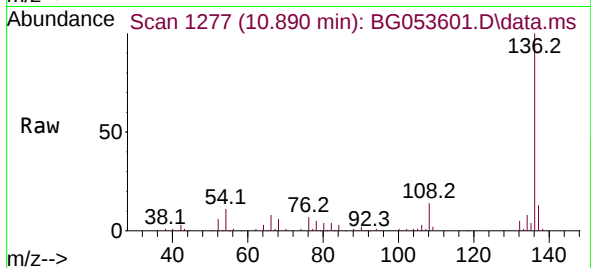
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Instrument :

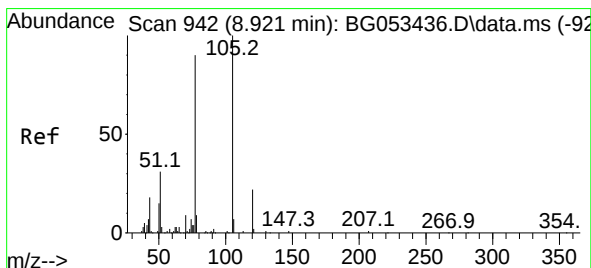
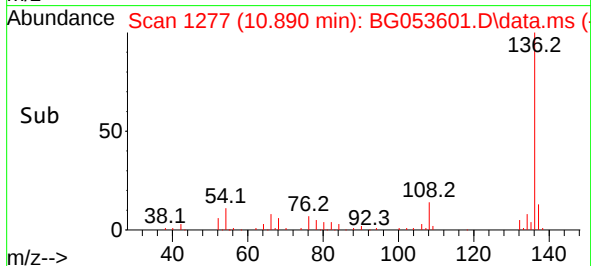
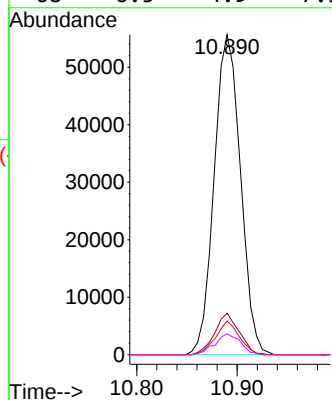
BNA_G

ClientSampleId :

PB144886BS

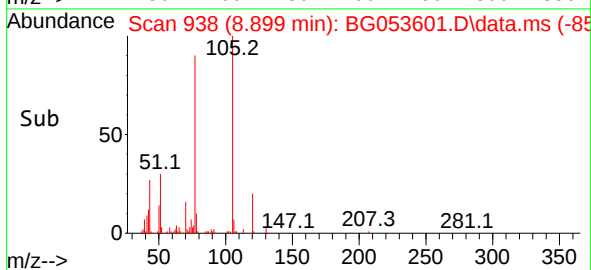
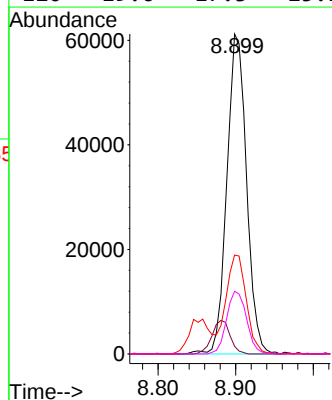
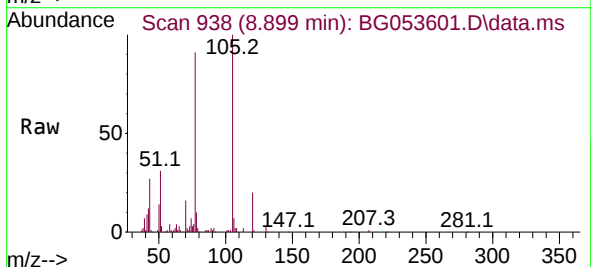


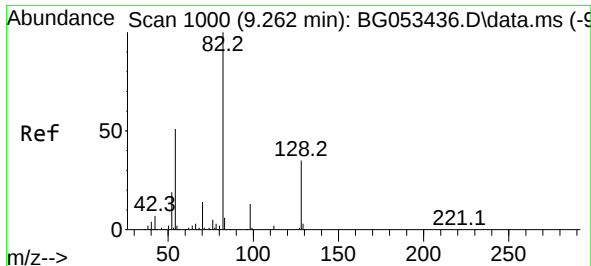
Tgt Ion:136 Resp: 101132
Ion Ratio Lower Upper
136 100
137 13.0 8.5 12.7#
54 10.6 7.4 11.2
68 6.5 4.9 7.3



#22
Acetophenone
Concen: 39.090 ng
RT: 8.899 min Scan# 938
Delta R.T. -0.013 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:105 Resp: 108194
Ion Ratio Lower Upper
105 100
71 2.4 1.1 1.7#
51 30.9 25.4 38.0
120 19.6 17.3 25.9

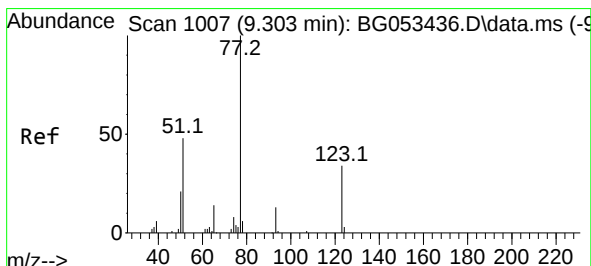
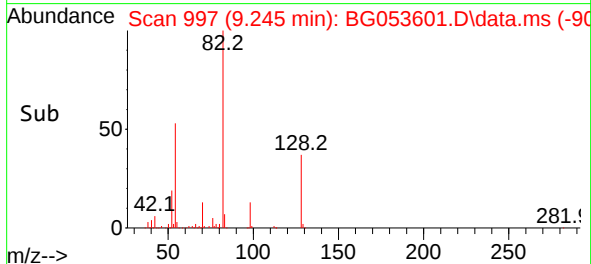
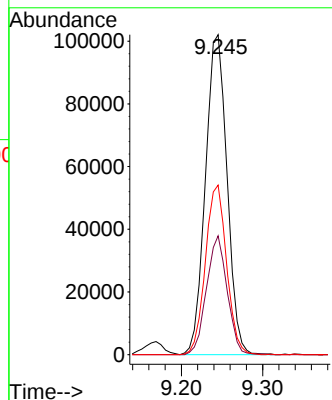
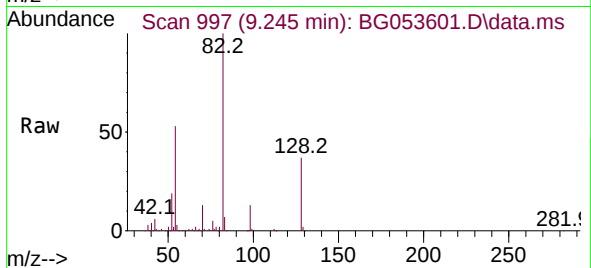




#23
Nitrobenzene-d5
Concen: 79.388 ng
RT: 9.245 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

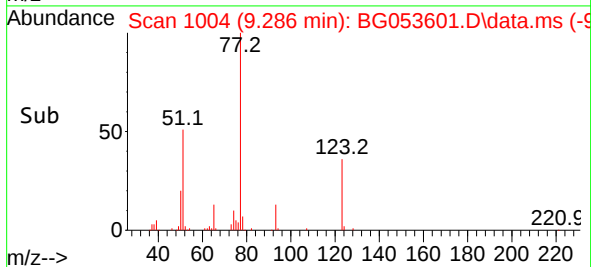
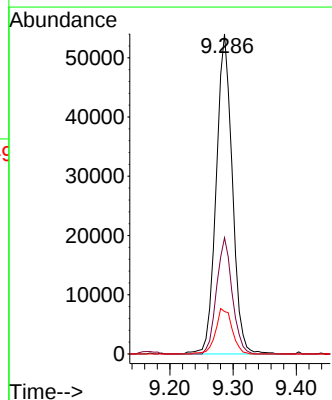
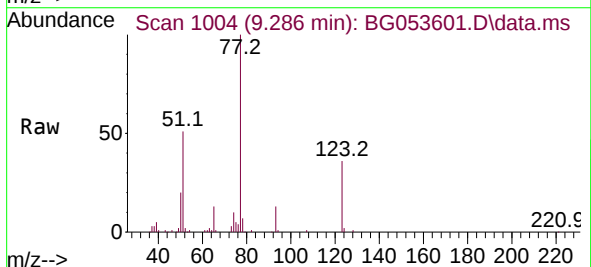
Instrument :
BNA_G
ClientSampleId :
PB144886BS

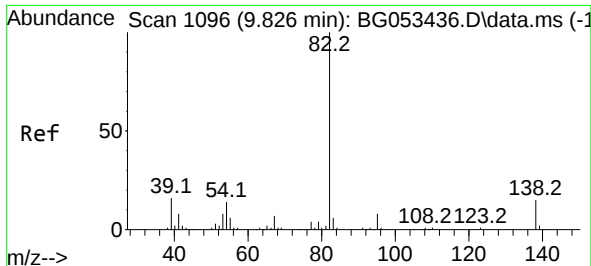
Tgt Ion: 82 Resp: 188607
Ion Ratio Lower Upper
82 100
128 37.2 27.9 41.9
54 53.0 41.2 61.8



#24
Nitrobenzene
Concen: 41.531 ng
RT: 9.286 min Scan# 1004
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion: 77 Resp: 95498
Ion Ratio Lower Upper
77 100
123 36.3 27.4 41.0
65 13.2 11.4 17.0

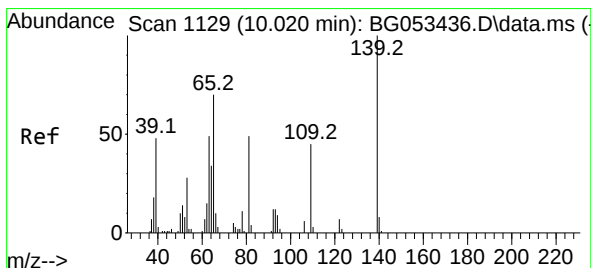
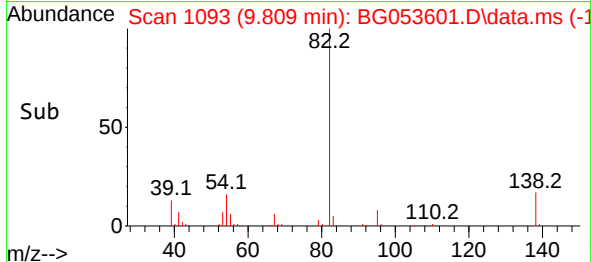
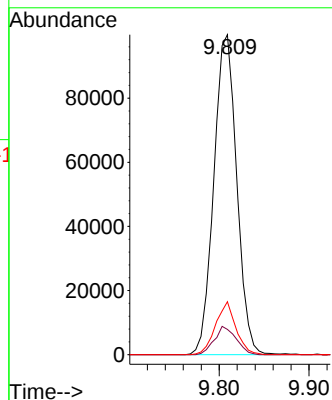
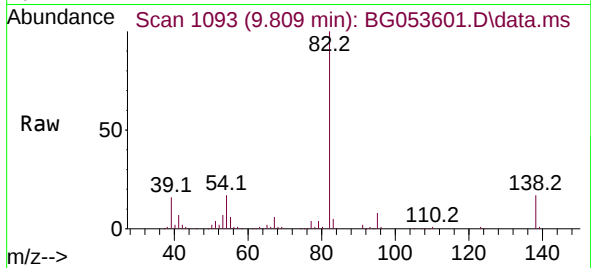




#25
Isophorone
Concen: 44.207 ng
RT: 9.809 min Scan# 1109
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

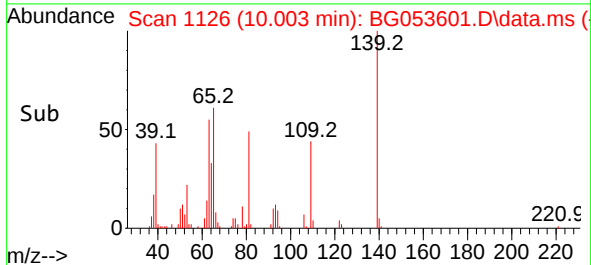
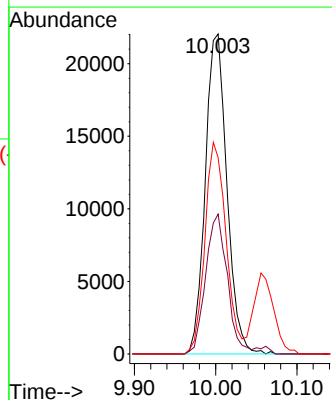
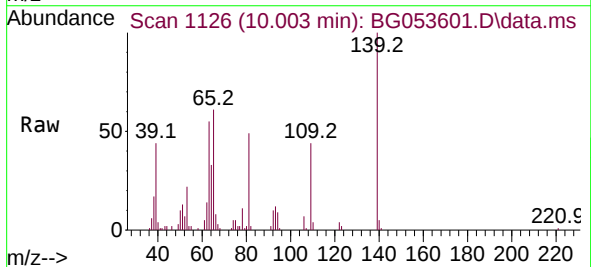
Instrument :
BNA_G
ClientSampleId :
PB144886BS

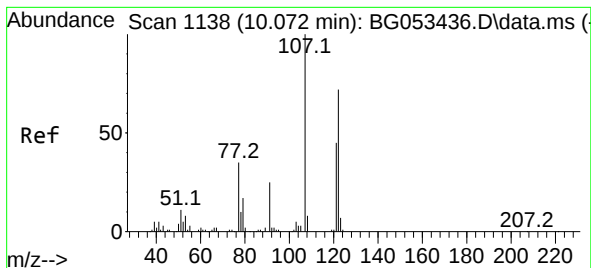
Tgt Ion: 82 Resp: 176751
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.4
138 16.5 11.6 17.4



#26
2-Nitrophenol
Concen: 43.724 ng
RT: 10.003 min Scan# 1126
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:139 Resp: 40721
Ion Ratio Lower Upper
139 100
109 43.7 36.1 54.1
65 61.3 55.8 83.6

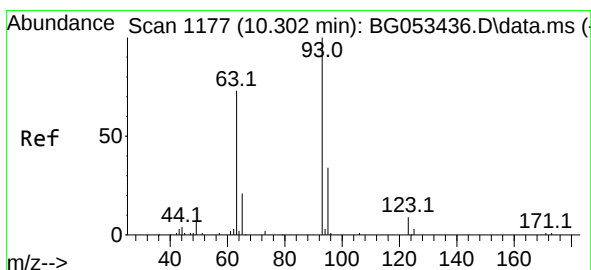
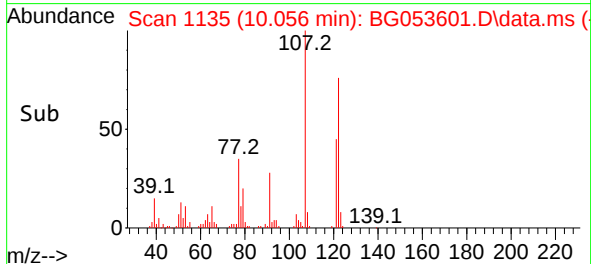
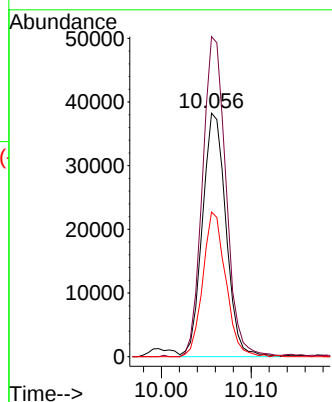
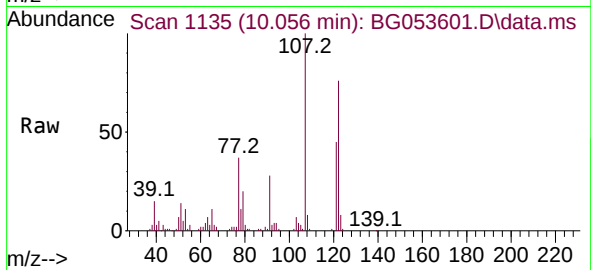




#27
2,4-Dimethylphenol
Concen: 49.671 ng
RT: 10.056 min Scan# 1135
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

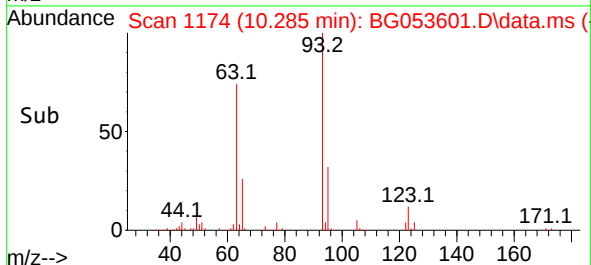
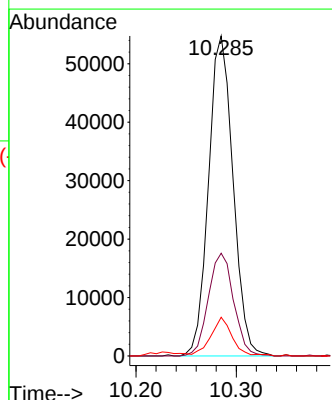
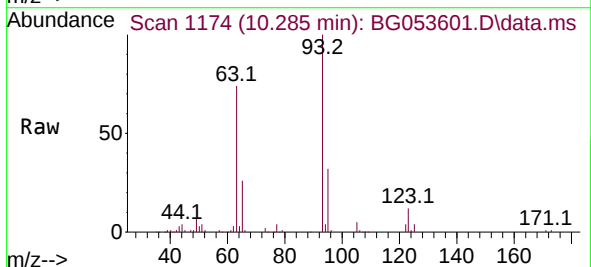
Instrument :
BNA_G
ClientSampleId :
PB144886BS

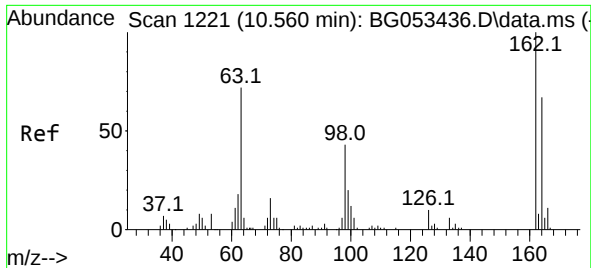
Tgt Ion:122 Resp: 69617
Ion Ratio Lower Upper
122 100
107 131.4 109.4 164.0
121 59.4 48.7 73.1



#28
bis(2-Chloroethoxy)methane
Concen: 40.432 ng
RT: 10.285 min Scan# 1174
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion: 93 Resp: 92974
Ion Ratio Lower Upper
93 100
95 32.1 26.9 40.3
123 12.1 7.7 11.5#





#29

2,4-Dichlorophenol

Concen: 45.516 ng

RT: 10.543 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB144886BS

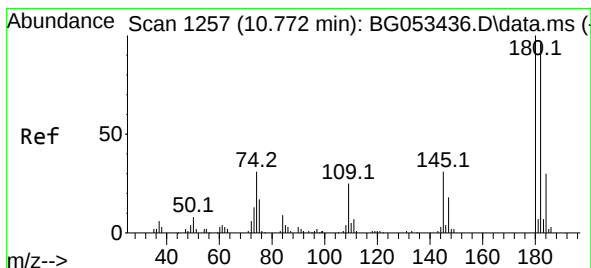
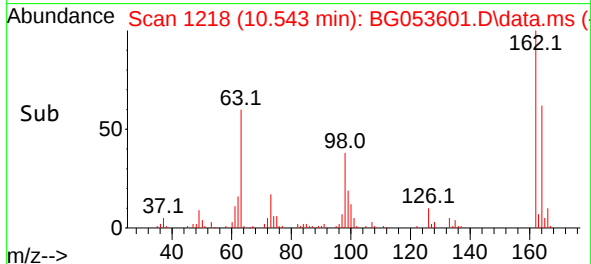
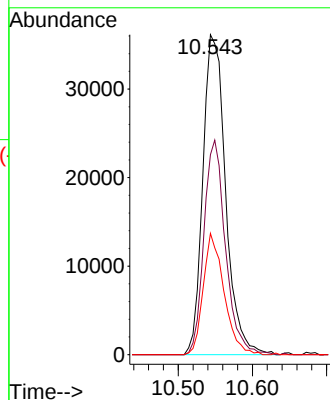
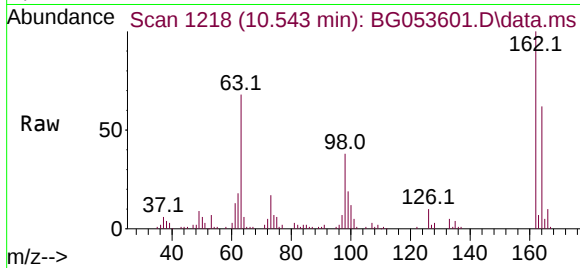
Tgt Ion:162 Resp: 76992

Ion Ratio Lower Upper

162 100

164 62.5 46.6 86.6

98 37.9 22.8 62.8



#30

1,2,4-Trichlorobenzene

Concen: 40.359 ng

RT: 10.755 min Scan# 1254

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

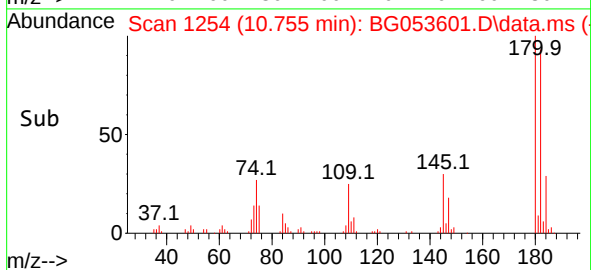
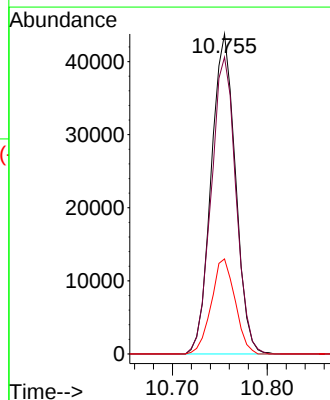
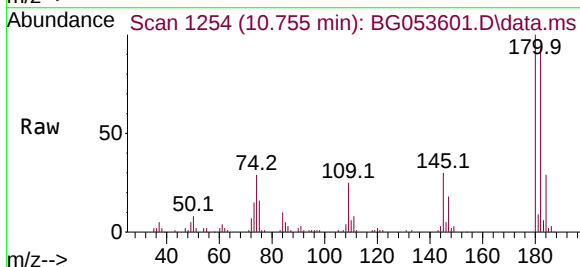
Tgt Ion:180 Resp: 77567

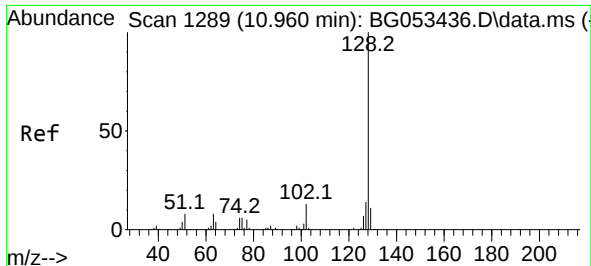
Ion Ratio Lower Upper

180 100

182 92.7 76.6 115.0

145 29.7 25.0 37.4

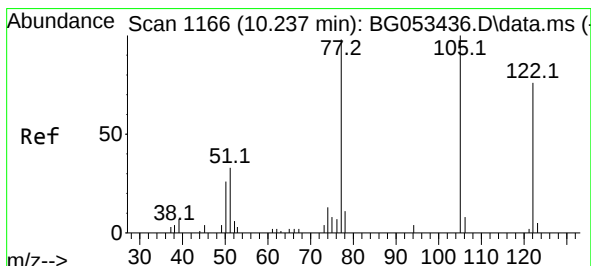
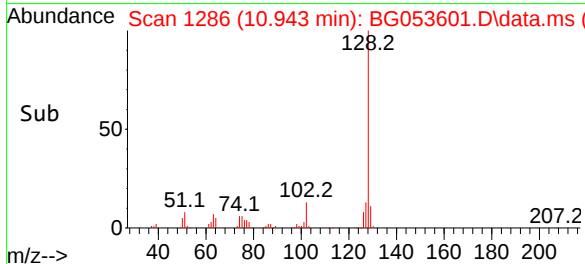
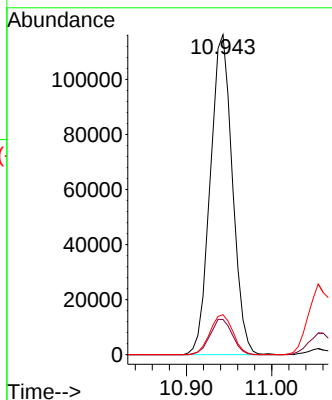
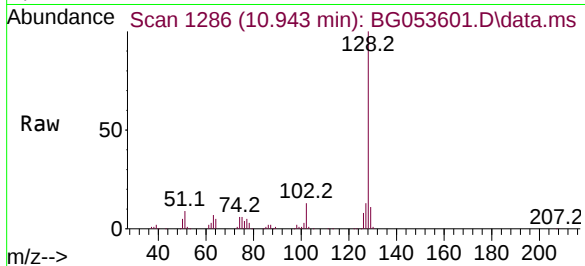




#31
Naphthalene
Concen: 40.765 ng
RT: 10.943 min Scan# 1163
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

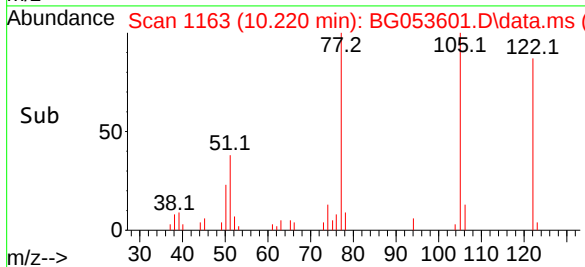
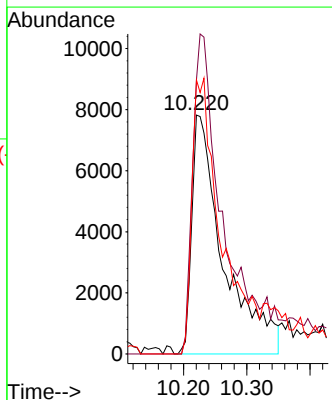
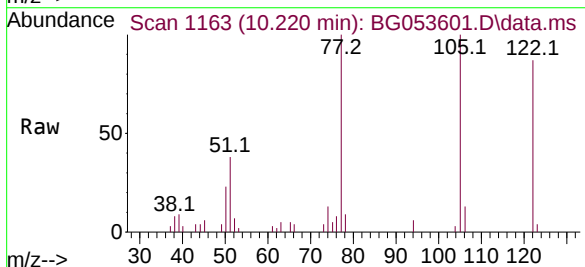
Instrument :
BNA_G
ClientSampleId :
PB144886BS

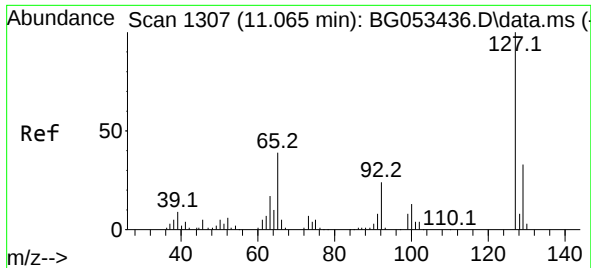
Tgt Ion:128 Resp: 209708
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.5 11.1 16.7



#32
Benzoic acid
Concen: 33.928 ng
RT: 10.220 min Scan# 1163
Delta R.T. -0.019 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:122 Resp: 27077
Ion Ratio Lower Upper
122 100
105 114.6 111.8 151.8
77 114.7 109.4 149.4

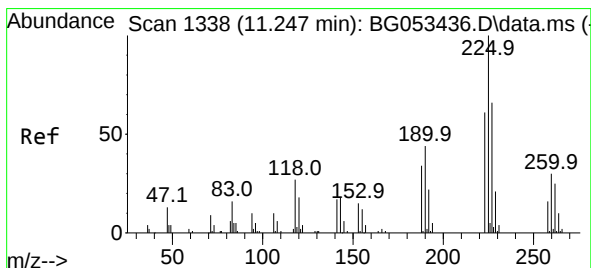
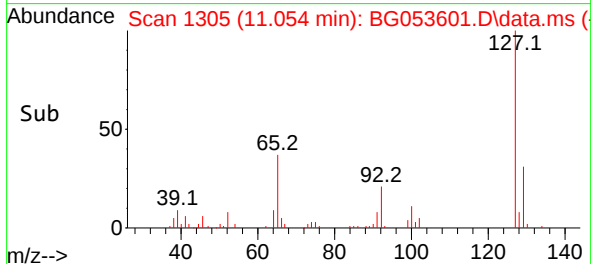
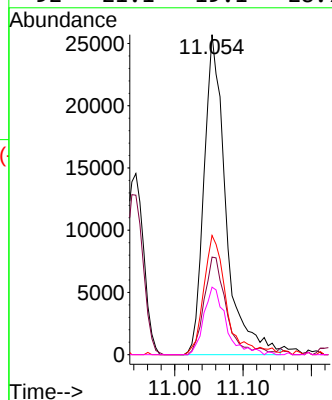
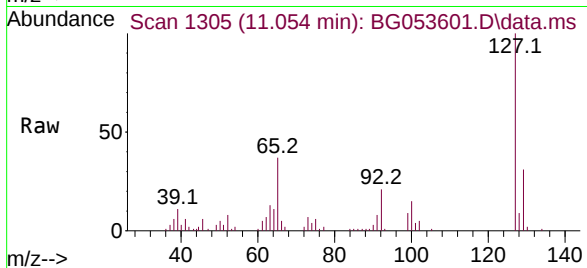




#33
4-Chloroaniline
Concen: 26.636 ng
RT: 11.054 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

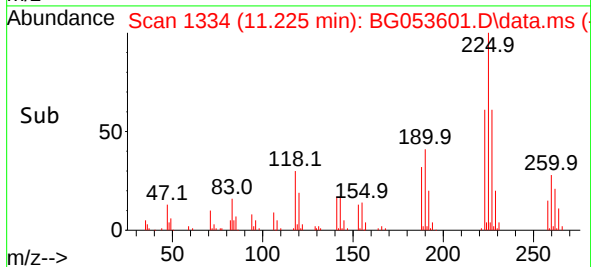
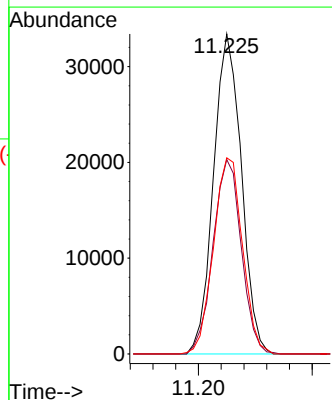
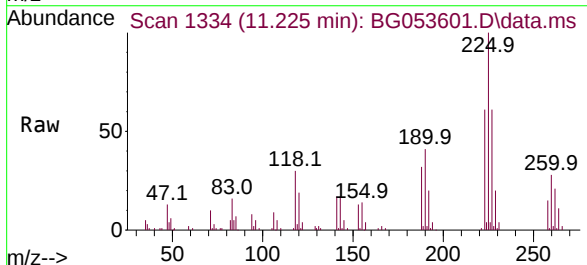
Instrument :
BNA_G
ClientSampleId :
PB144886BS

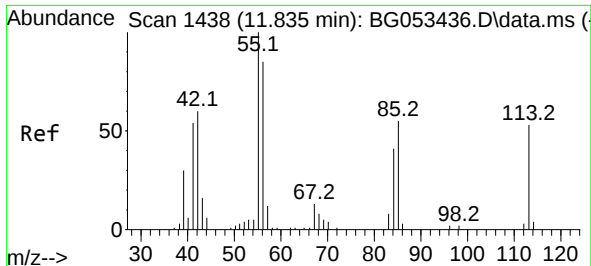
Tgt Ion:127	Resp:	57384
Ion Ratio	Lower	Upper
127	100	
129	30.5	26.3 39.5
65	37.2	31.1 46.7
92	21.1	19.1 28.7



#34
Hexachlorobutadiene
Concen: 39.816 ng
RT: 11.225 min Scan# 1334
Delta R.T. -0.013 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:225	Resp:	56743
Ion Ratio	Lower	Upper
225	100	
223	60.8	48.9 73.3
227	61.3	52.8 79.2

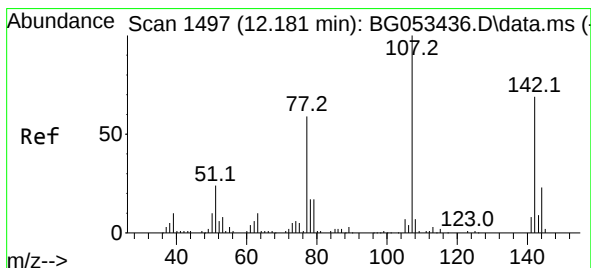
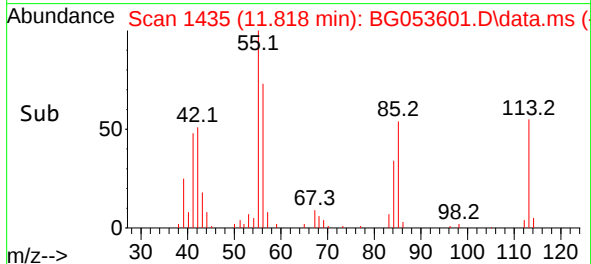
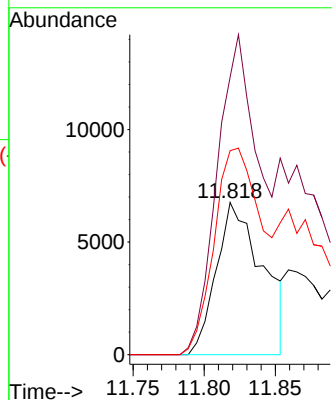
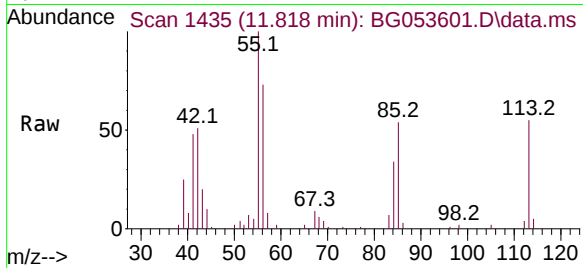




#35
Caprolactam
Concen: 24.753 ng
RT: 11.818 min Scan# 1435
Delta R.T. -0.013 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

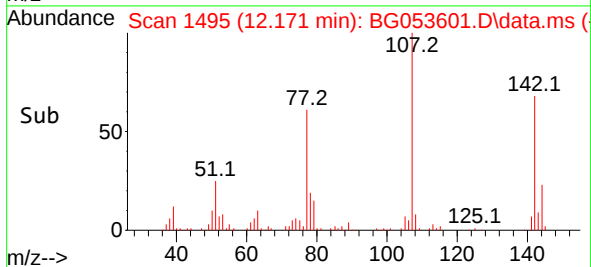
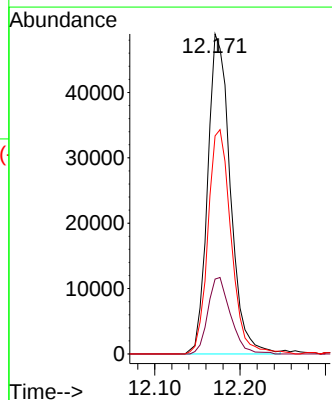
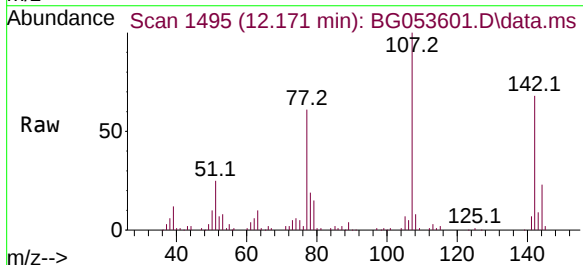
Instrument :
BNA_G
ClientSampleId :
PB144886BS

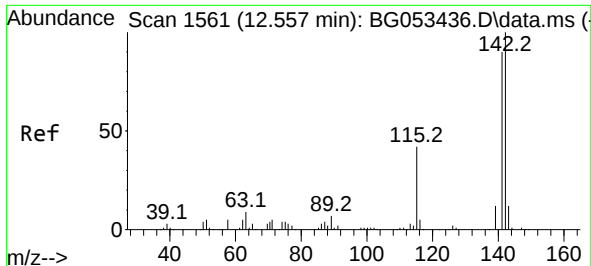
Tgt Ion:113 Resp: 15216
Ion Ratio Lower Upper
113 100
55 182.5 169.8 209.8
56 134.1 141.2 181.2#



#36
4-Chloro-3-methylphenol
Concen: 44.619 ng
RT: 12.171 min Scan# 1495
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:107 Resp: 90282
Ion Ratio Lower Upper
107 100
144 23.4 18.5 27.7
142 68.2 55.0 82.4

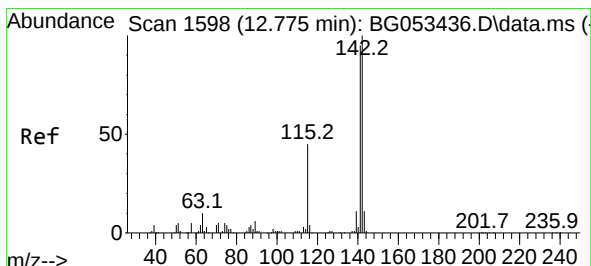
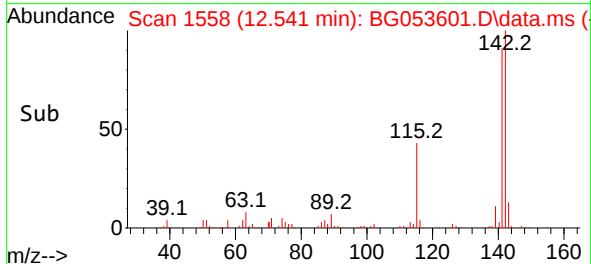
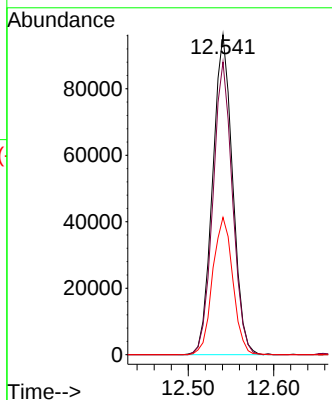
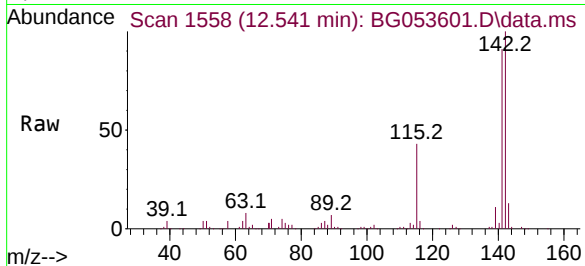




#37
2-Methylnaphthalene
Concen: 40.791 ng
RT: 12.541 min Scan# 1558
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

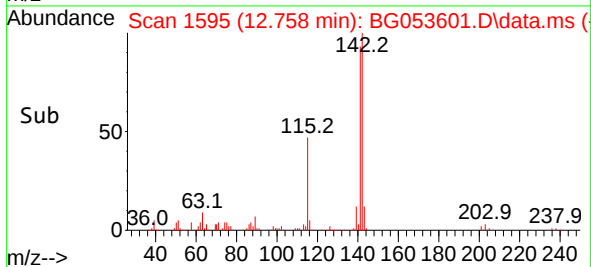
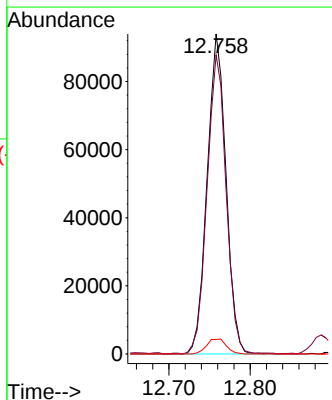
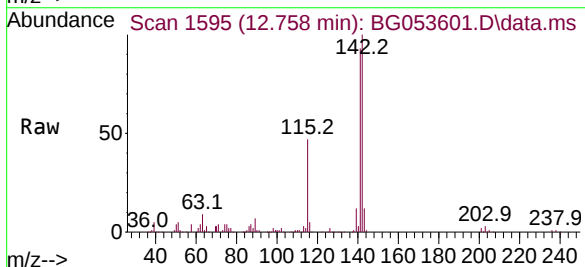
Instrument :
BNA_G
ClientSampleId :
PB144886BS

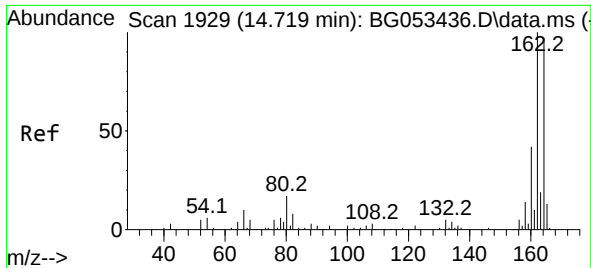
Tgt Ion:142 Resp: 156600
Ion Ratio Lower Upper
142 100
141 91.5 72.3 108.5
115 42.9 33.7 50.5



#38
1-Methylnaphthalene
Concen: 40.372 ng
RT: 12.758 min Scan# 1595
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:142 Resp: 151219
Ion Ratio Lower Upper
142 100
141 93.4 76.4 114.6
116 4.6 3.3 4.9

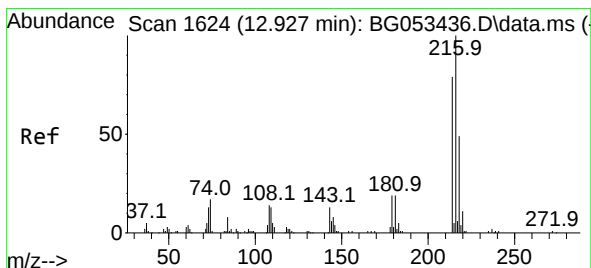
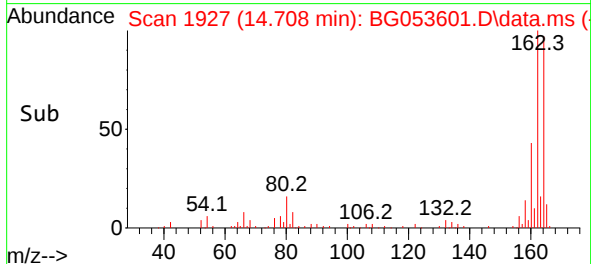
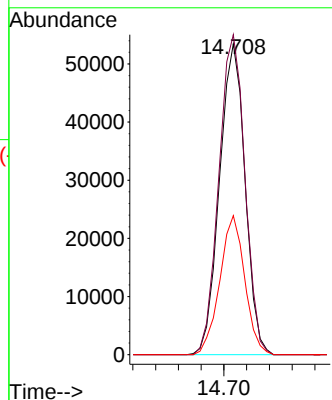
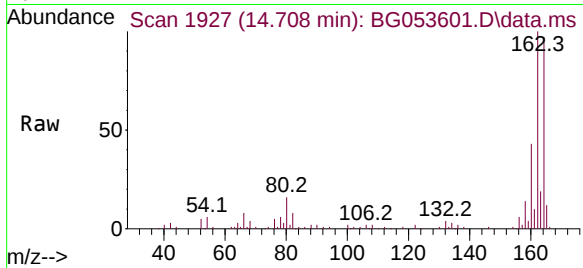




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1929
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

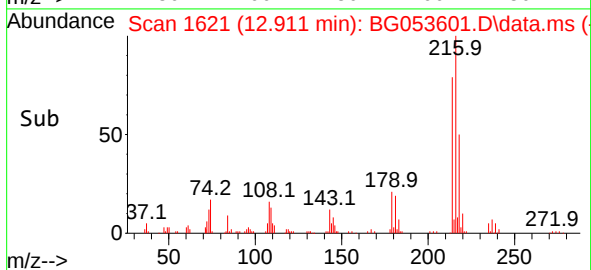
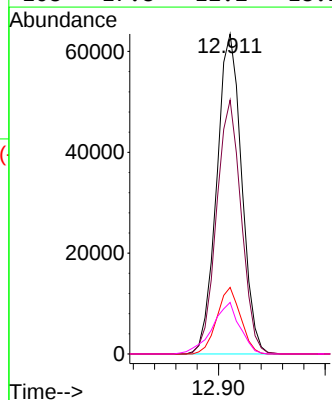
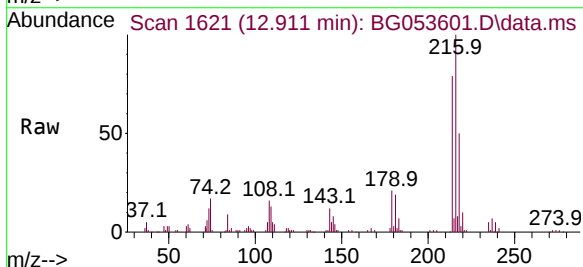
Instrument :
BNA_G
ClientSampleId :
PB144886BS

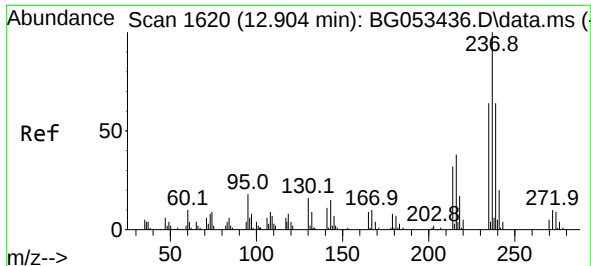
Tgt Ion:164 Resp: 83116
Ion Ratio Lower Upper
164 100
162 102.9 82.3 123.5
160 44.7 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.244 ng
RT: 12.911 min Scan# 1621
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:216 Resp: 102816
Ion Ratio Lower Upper
216 100
214 78.5 62.9 94.3
179 19.7 16.1 24.1
108 17.8 12.2 18.2

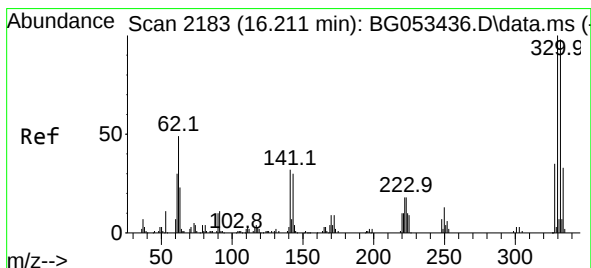
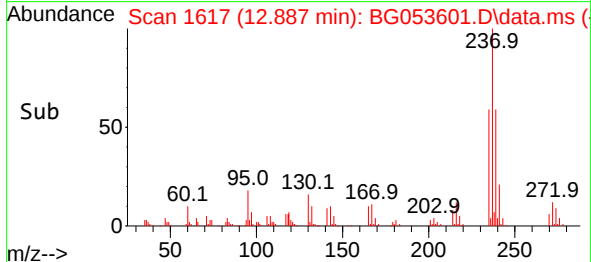
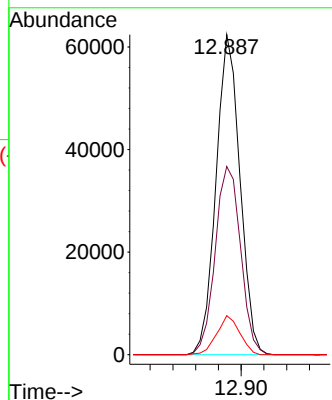
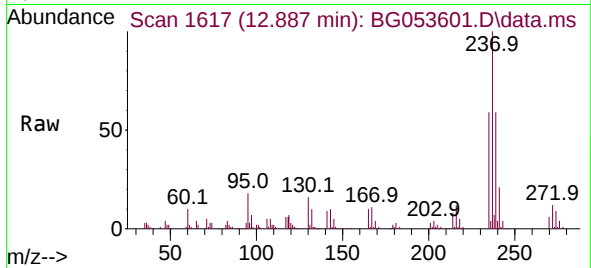




#41
Hexachlorocyclopentadiene
Concen: 84.962 ng
RT: 12.887 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

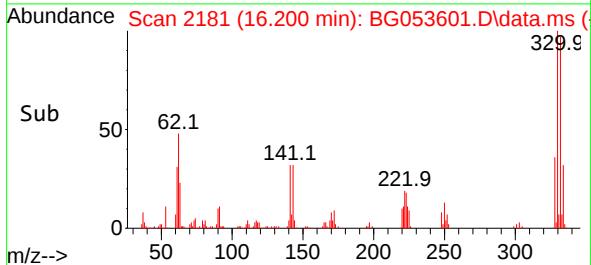
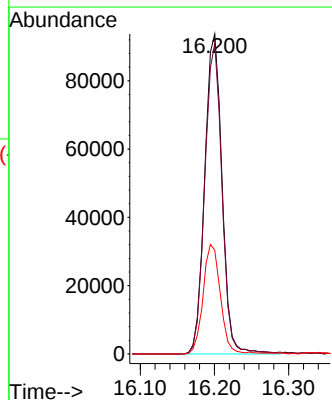
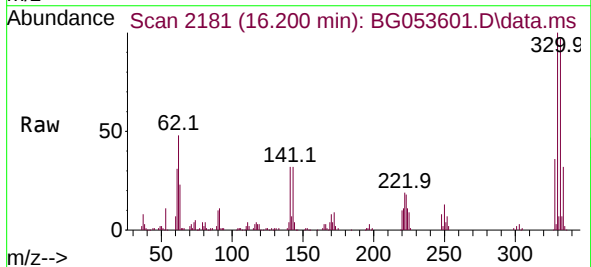
Instrument :
BNA_G
ClientSampleId :
PB144886BS

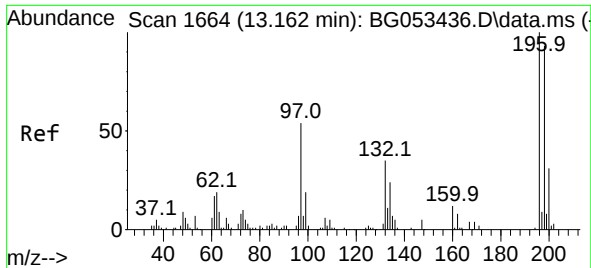
Tgt Ion:237 Resp: 91325
Ion Ratio Lower Upper
237 100
235 58.8 43.5 83.5
272 12.2 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 124.235 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:330 Resp: 152295
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 34.5 27.1 40.7

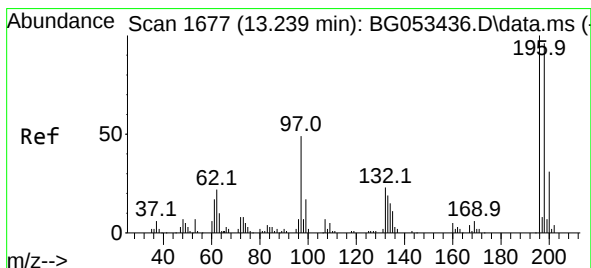
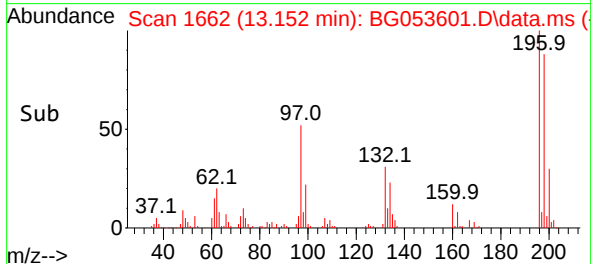
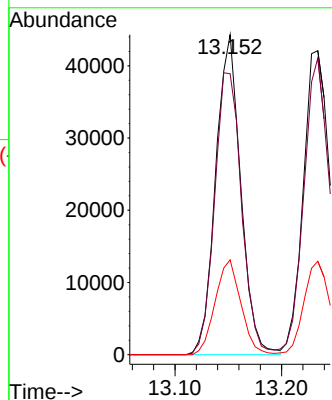
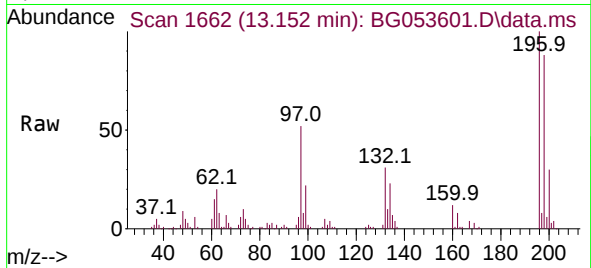




#43
2,4,6-Trichlorophenol
Concen: 42.203 ng
RT: 13.152 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

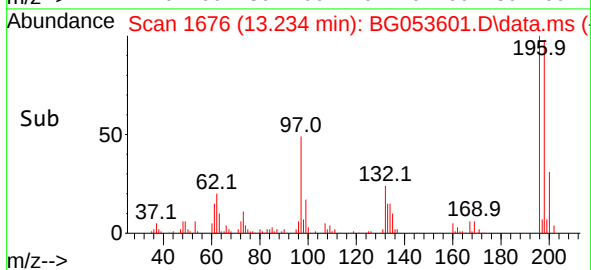
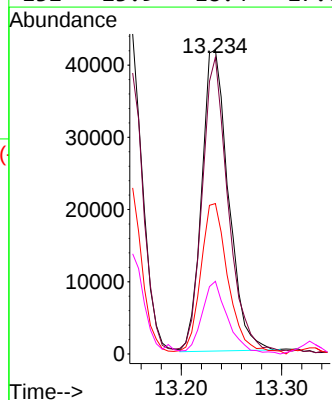
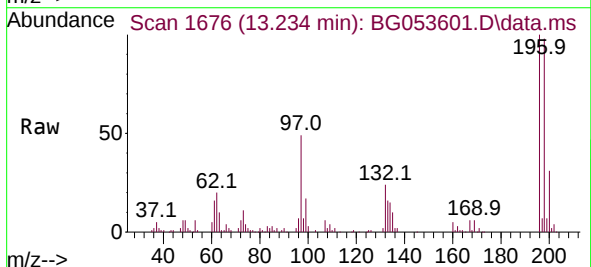
Instrument :
BNA_G
ClientSampleId :
PB144886BS

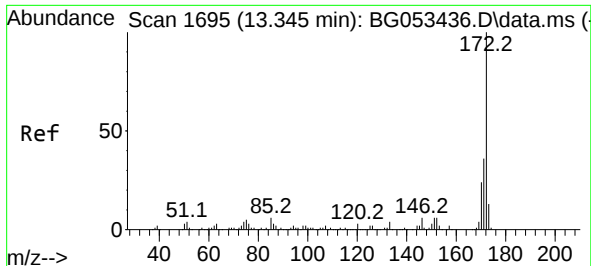
Tgt Ion:196 Resp: 72174
Ion Ratio Lower Upper
196 100
198 87.8 74.1 111.1
200 29.7 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 42.436 ng
RT: 13.234 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:196 Resp: 77238
Ion Ratio Lower Upper
196 100
198 97.6 76.8 115.2
97 49.5 39.8 59.6
132 23.9 18.4 27.6

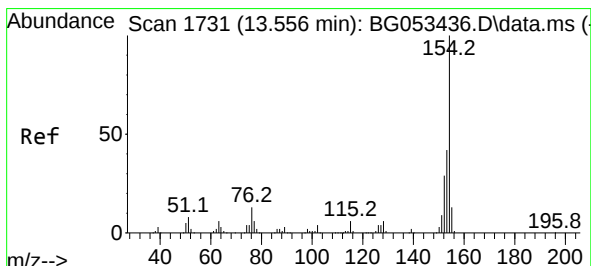
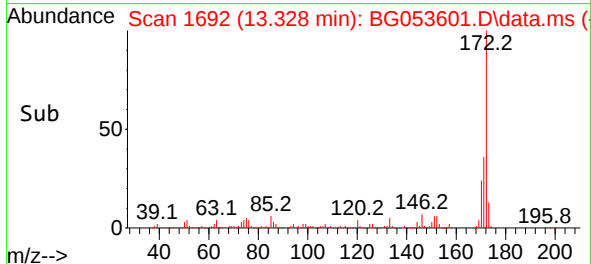
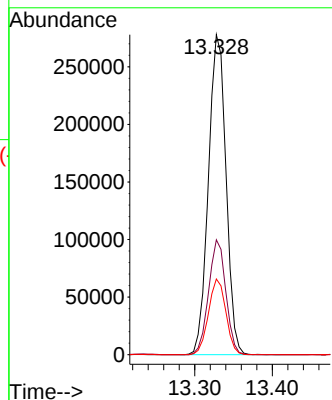
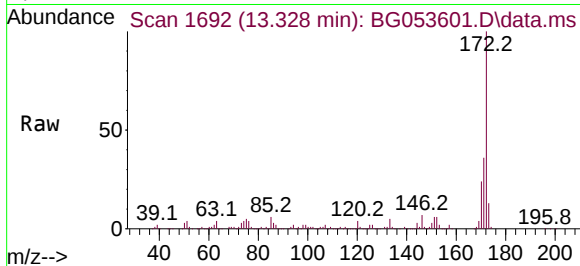




#45
2-Fluorobiphenyl
Concen: 77.010 ng
RT: 13.328 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

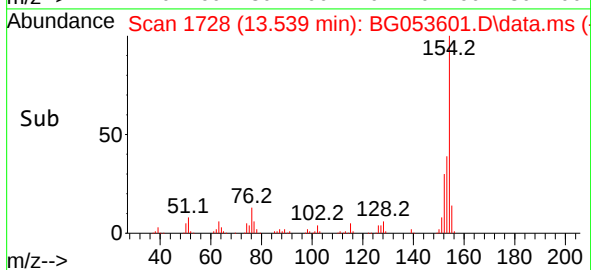
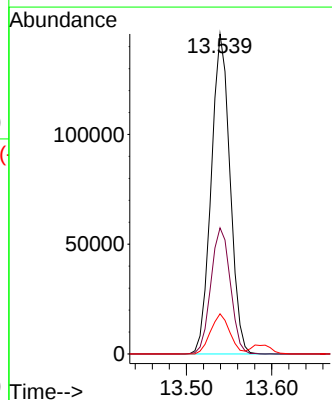
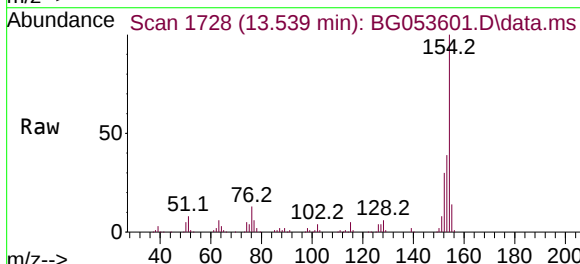
Instrument :
BNA_G
ClientSampleId :
PB144886BS

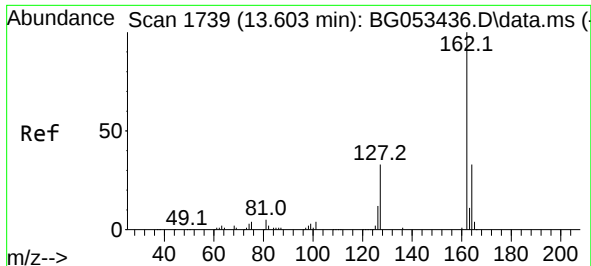
Tgt Ion:172 Resp: 438022
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.330 ng
RT: 13.539 min Scan# 1728
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:154 Resp: 222824
Ion Ratio Lower Upper
154 100
153 39.4 21.6 61.6
76 12.5 0.0 32.6

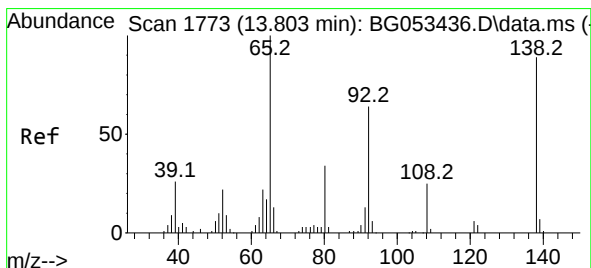
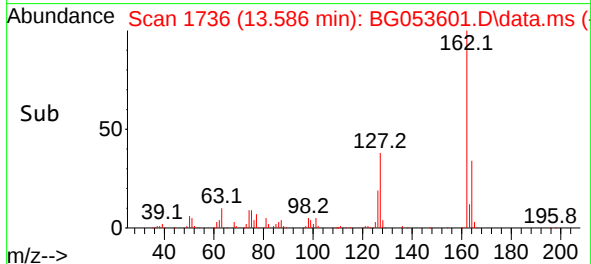
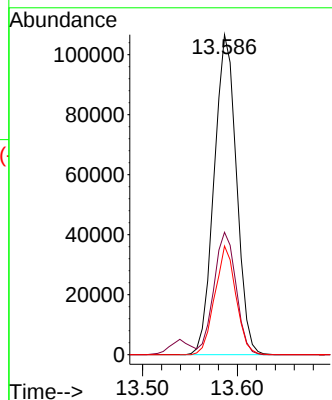
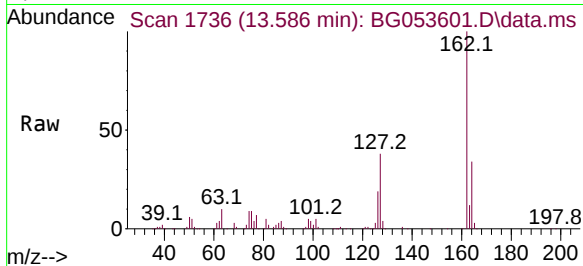




#47
2-Chloronaphthalene
Concen: 39.368 ng
RT: 13.586 min Scan# 1736
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

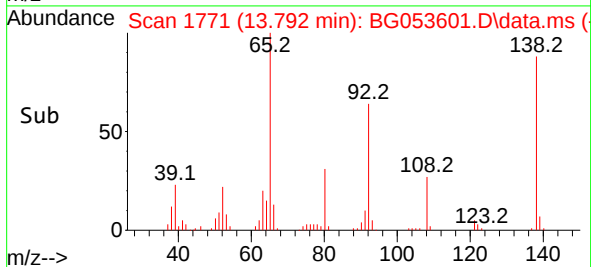
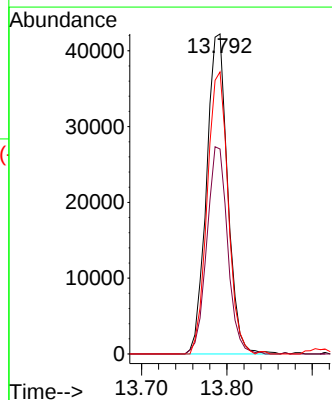
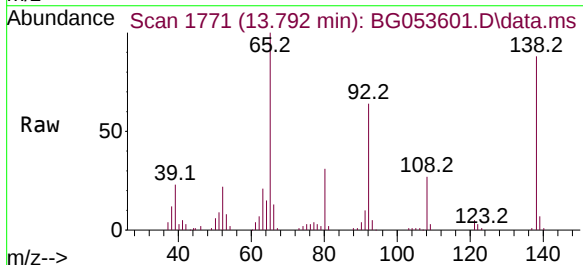
Instrument :
BNA_G
ClientSampleId :
PB144886BS

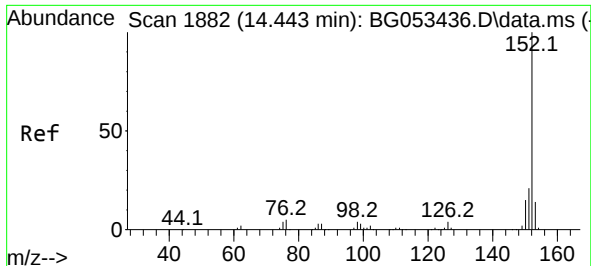
Tgt Ion:162 Resp: 174744
Ion Ratio Lower Upper
162 100
127 38.3 30.6 45.8
164 33.9 26.5 39.7



#48
2-Nitroaniline
Concen: 43.965 ng
RT: 13.792 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion: 65 Resp: 72717
Ion Ratio Lower Upper
65 100
92 64.1 51.5 77.3
138 88.2 71.3 106.9

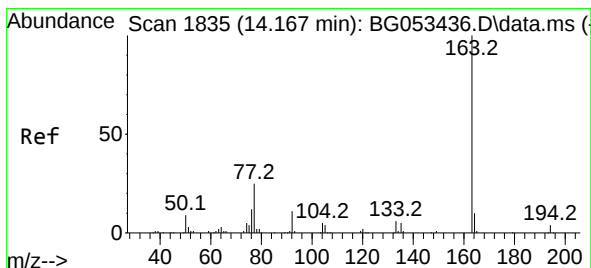
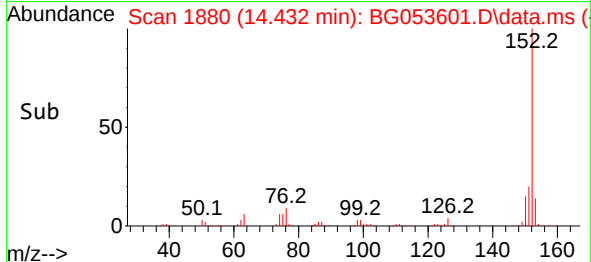
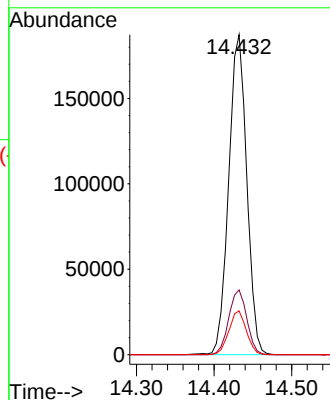
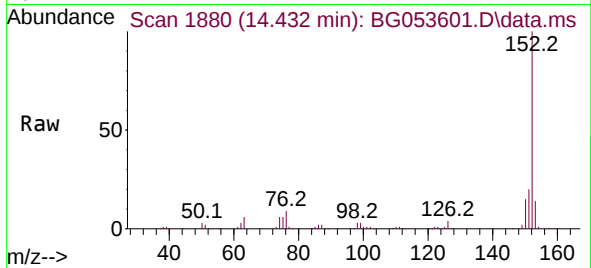




#49
Acenaphthylene
Concen: 42.886 ng
RT: 14.432 min Scan# 1880
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

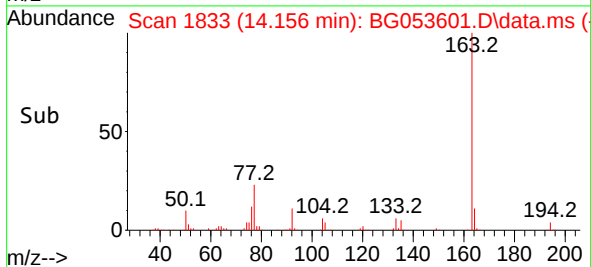
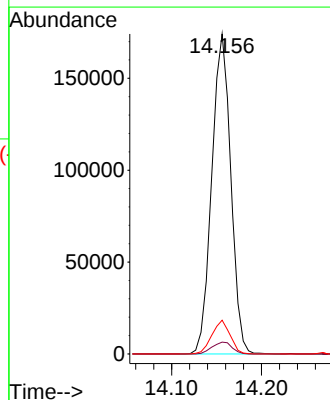
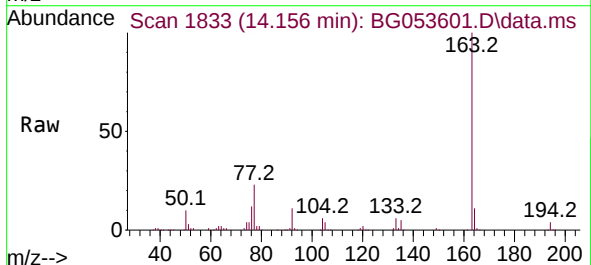
Instrument :
BNA_G
ClientSampleId :
PB144886BS

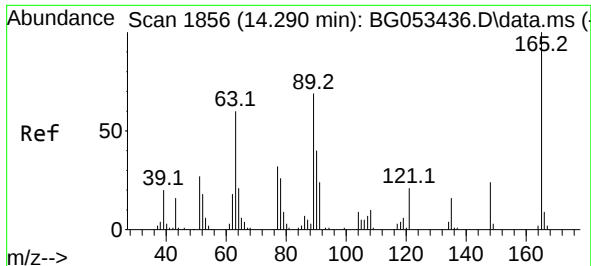
Tgt Ion:152 Resp: 303768
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.7 10.8 16.2



#50
Dimethylphthalate
Concen: 40.523 ng
RT: 14.156 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:163 Resp: 255945
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.5 8.0 12.0

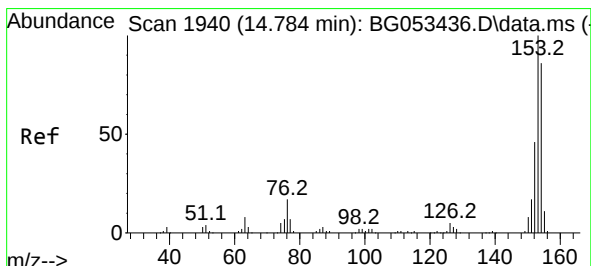
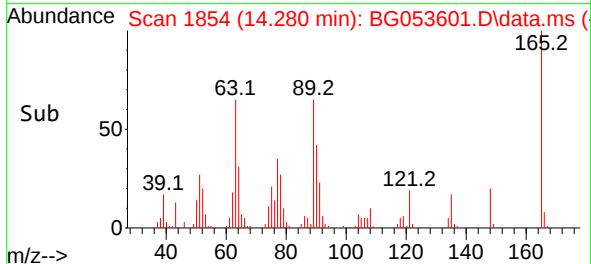
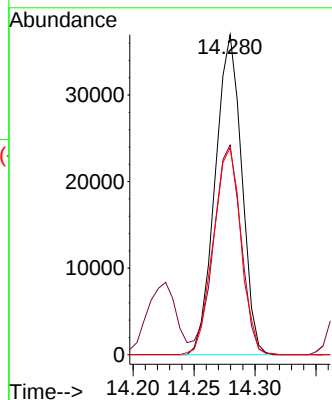
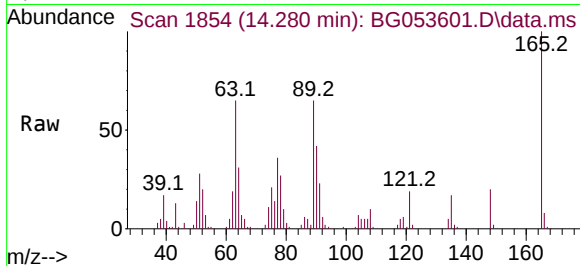




#51
2,6-Dinitrotoluene
Concen: 43.450 ng
RT: 14.280 min Scan# 1854
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

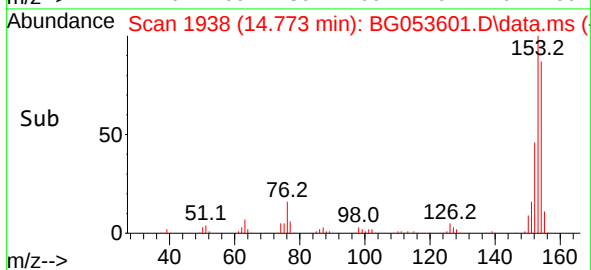
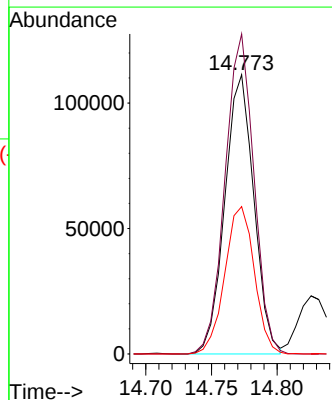
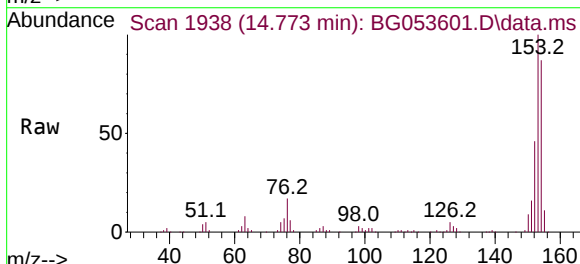
Instrument :
BNA_G
ClientSampleId :
PB144886BS

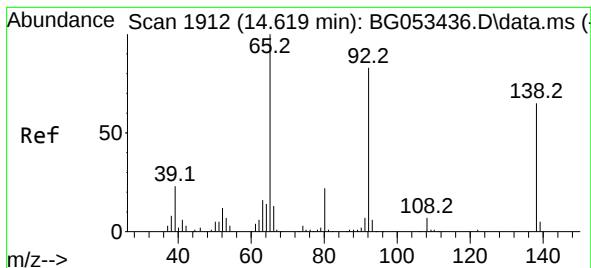
Tgt Ion:165 Resp: 55911
Ion Ratio Lower Upper
165 100
63 65.5 54.1 81.1
89 64.6 54.8 82.2



#52
Acenaphthene
Concen: 40.590 ng
RT: 14.773 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:154 Resp: 171336
Ion Ratio Lower Upper
154 100
153 114.6 92.7 139.1
152 52.8 42.6 64.0





#53

3-Nitroaniline

Concen: 34.847 ng

RT: 14.614 min Scan# 1911

Delta R.T. -0.002 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB144886BS

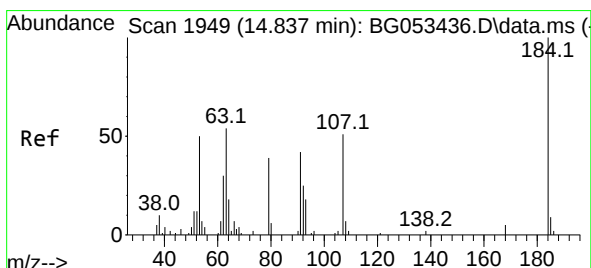
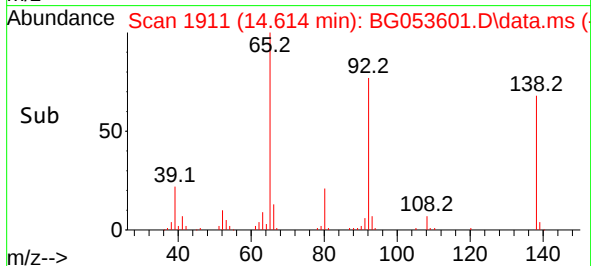
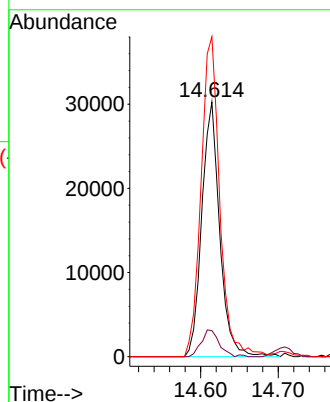
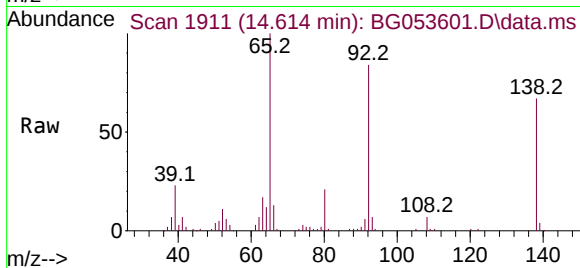
Tgt Ion:138 Resp: 48450

Ion Ratio Lower Upper

138 100

108 10.2 9.2 13.8

92 125.6 101.9 152.9



#54

2,4-Dinitrophenol

Concen: 71.068 ng

RT: 14.826 min Scan# 1947

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

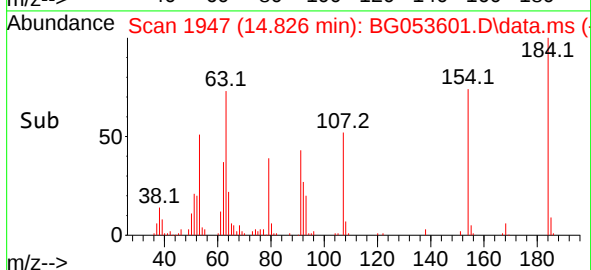
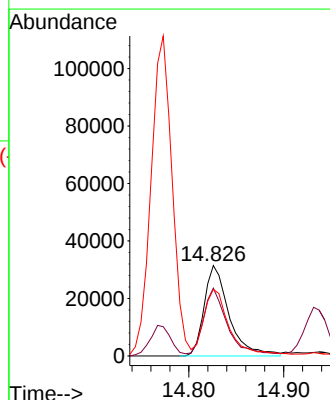
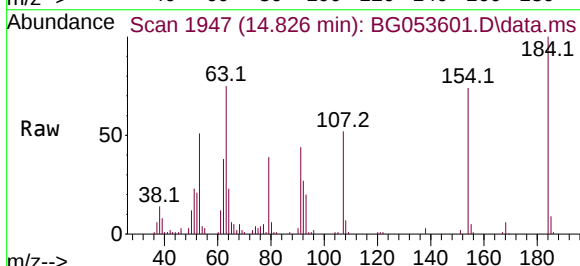
Tgt Ion:184 Resp: 57431

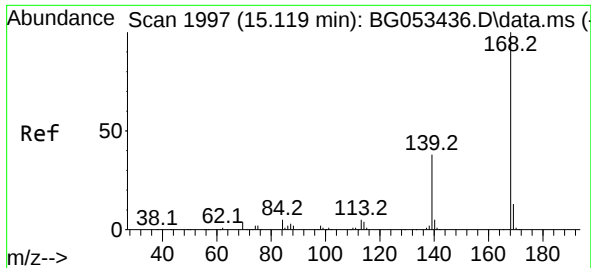
Ion Ratio Lower Upper

184 100

63 75.1 61.1 91.7

154 73.7 60.6 91.0

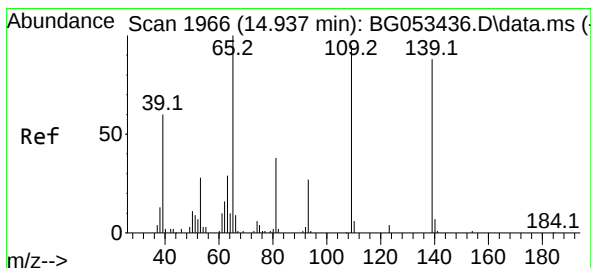
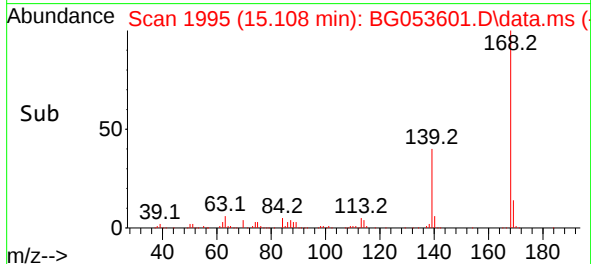
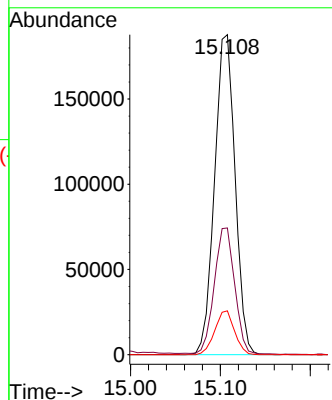
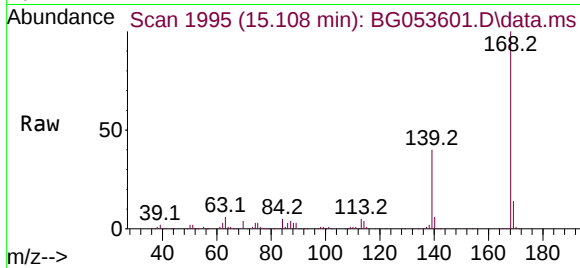




#55
Dibenzenofuran
Concen: 39.246 ng
RT: 15.108 min Scan# 1995
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

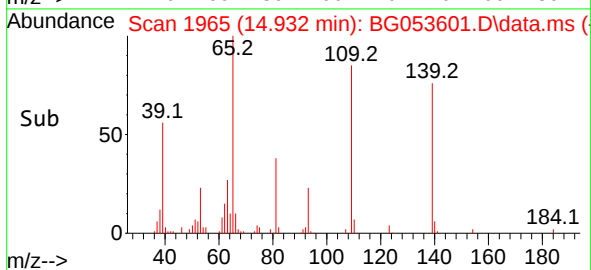
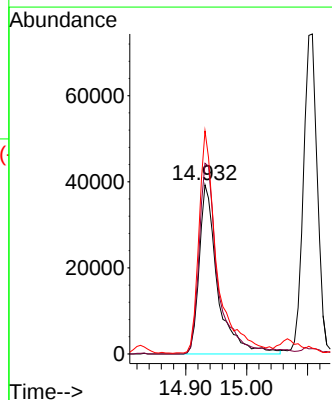
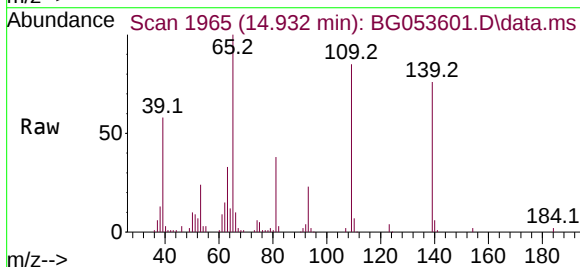
Instrument :
BNA_G
ClientSampleId :
PB144886BS

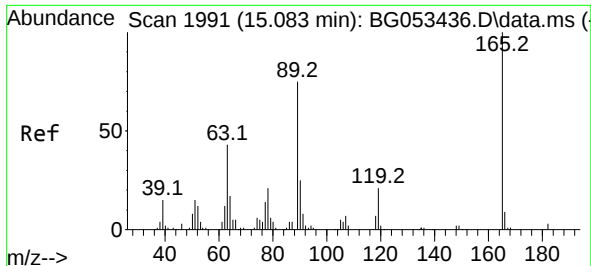
Tgt Ion:168 Resp: 297564
Ion Ratio Lower Upper
168 100
139 39.6 30.5 45.7
169 13.7 10.3 15.5



#56
4-Nitrophenol
Concen: 83.413 ng
RT: 14.932 min Scan# 1965
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:139 Resp: 82834
Ion Ratio Lower Upper
139 100
109 112.8 88.5 128.5
65 131.9 93.9 133.9





#57

2,4-Dinitrotoluene

Concen: 44.218 ng

RT: 15.073 min Scan# 1991

Delta R.T. -0.002 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB144886BS

Tgt Ion:165 Resp: 82476

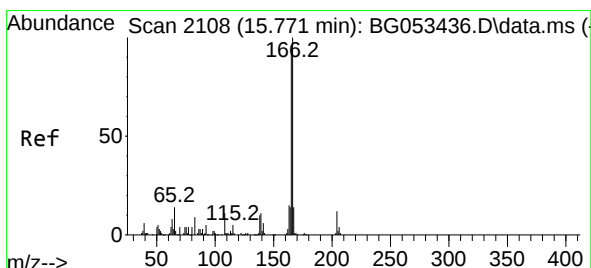
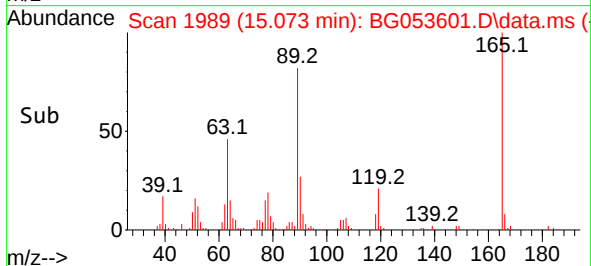
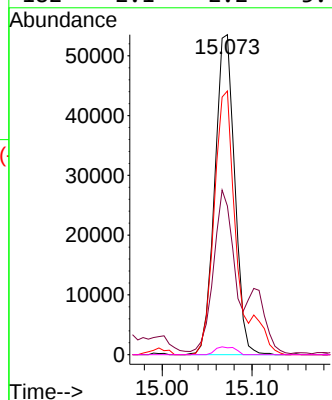
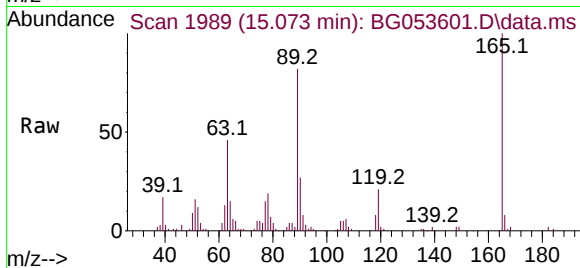
Ion Ratio Lower Upper

165 100

63 46.4 34.6 52.0

89 82.4 60.3 90.5

182 2.1 2.2 3.4#



#58

Fluorene

Concen: 40.483 ng

RT: 15.754 min Scan# 2105

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

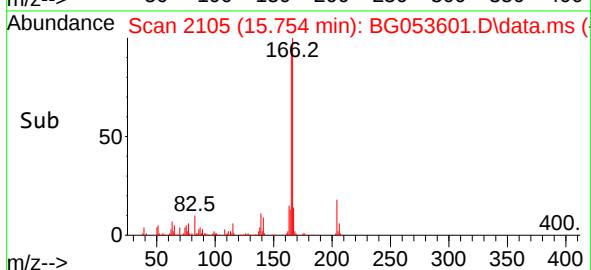
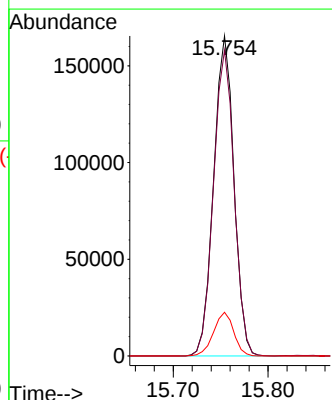
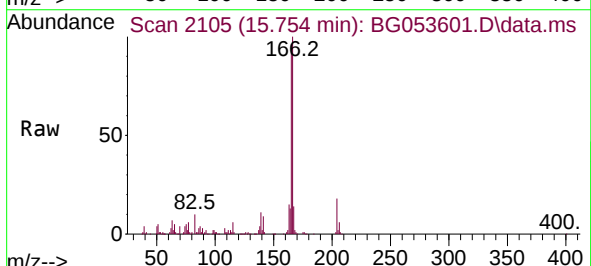
Tgt Ion:166 Resp: 246321

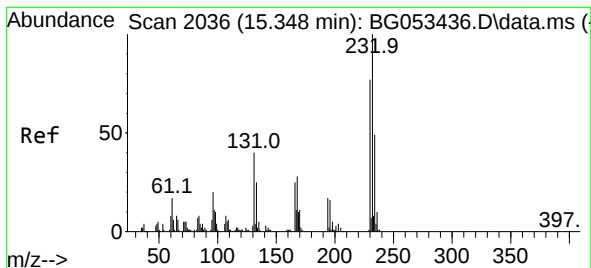
Ion Ratio Lower Upper

166 100

165 95.6 75.0 112.6

167 13.7 10.8 16.2

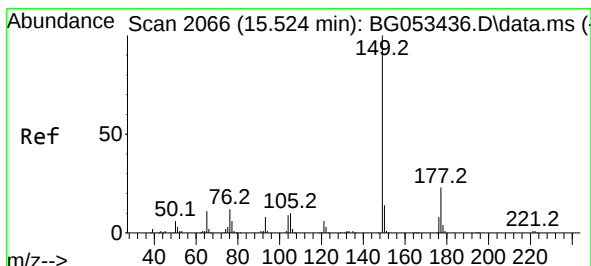
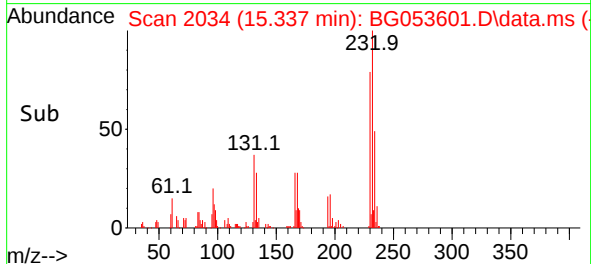
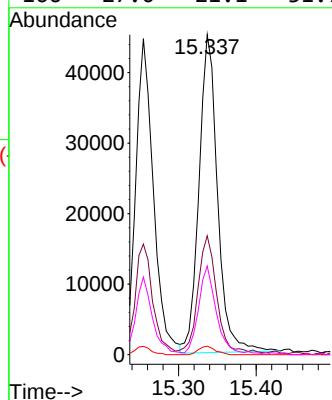
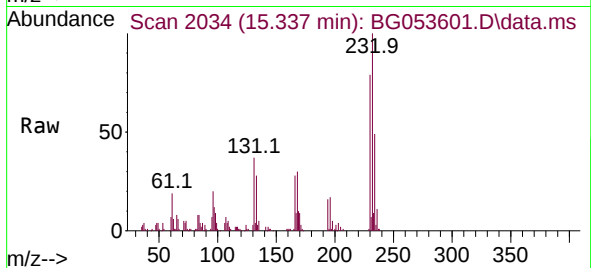




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.583 ng
RT: 15.337 min Scan# 2034
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

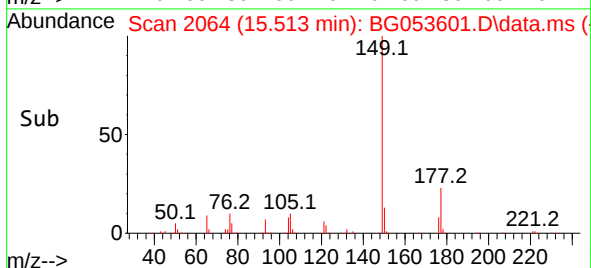
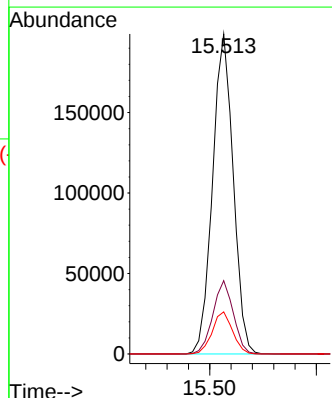
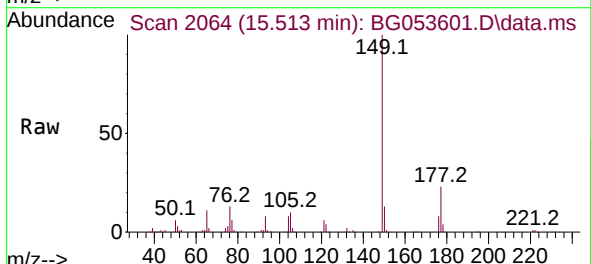
Instrument :
BNA_G
ClientSampleId :
PB144886BS

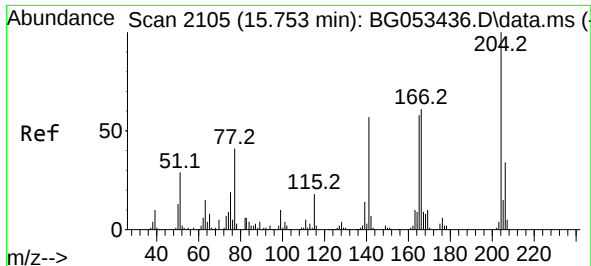
Tgt Ion:232	Resp:	74945
Ion Ratio	Lower	Upper
232	100	
131	37.6	30.6 46.0
130	2.4	1.8 2.8
166	27.0	21.1 31.7



#60
Diethylphthalate
Concen: 41.000 ng
RT: 15.513 min Scan# 2064
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:149	Resp:	267495
Ion Ratio	Lower	Upper
149	100	
177	22.9	18.4 27.6
150	13.2	11.2 16.8

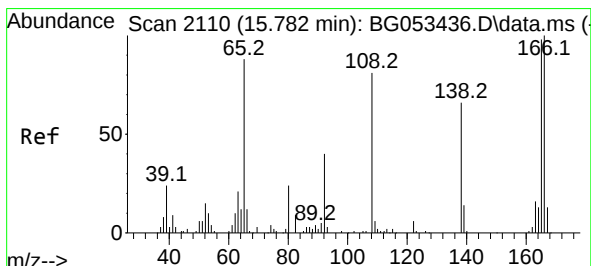
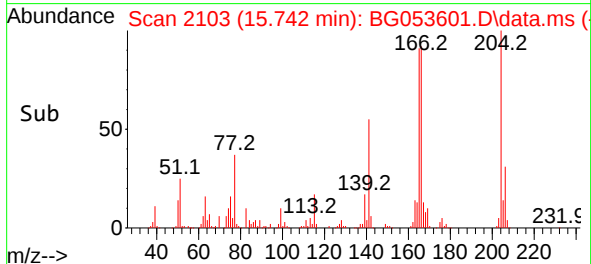
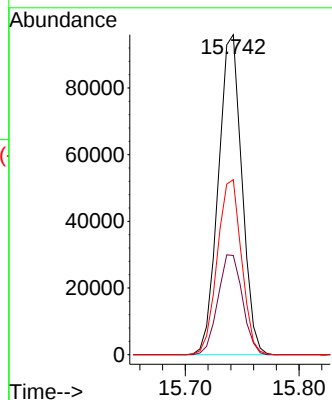
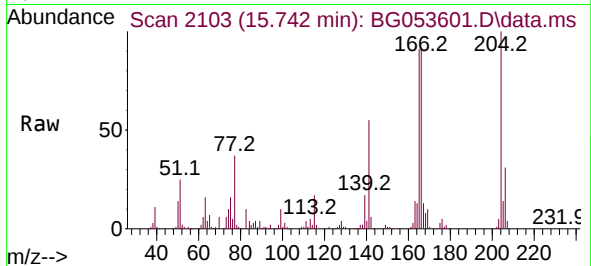




#61
4-Chlorophenyl-phenylether
Concen: 40.700 ng
RT: 15.742 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

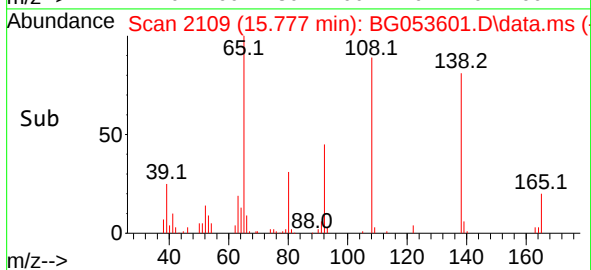
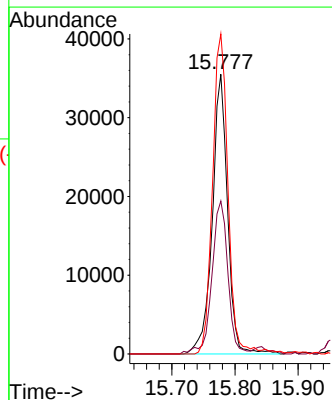
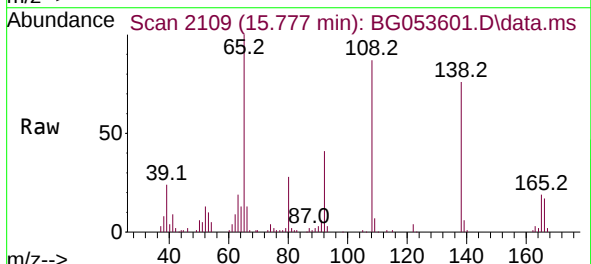
Instrument :
BNA_G
ClientSampleId :
PB144886BS

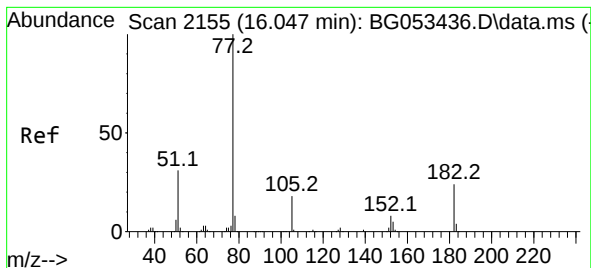
Tgt Ion:204 Resp: 138186
Ion Ratio Lower Upper
204 100
206 31.0 27.5 41.3
141 54.7 45.3 67.9



#62
4-Nitroaniline
Concen: 41.405 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:138 Resp: 59709
Ion Ratio Lower Upper
138 100
92 54.7 40.5 80.5
108 114.4 103.7 143.7





#63

Azobenzene

Concen: 40.143 ng

RT: 16.036 min Scan# 2155

Delta R.T. -0.002 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB144886BS

Tgt Ion: 77 Resp: 268191

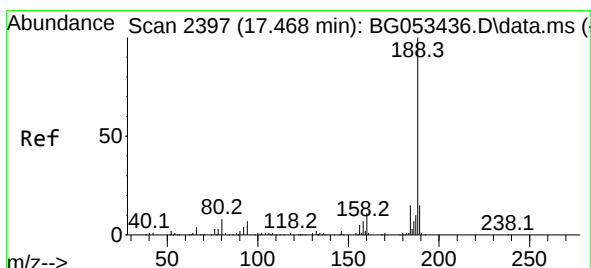
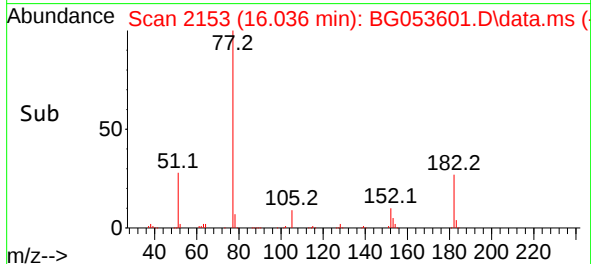
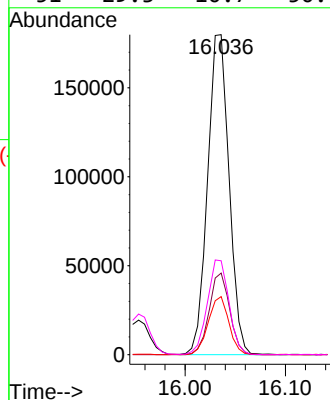
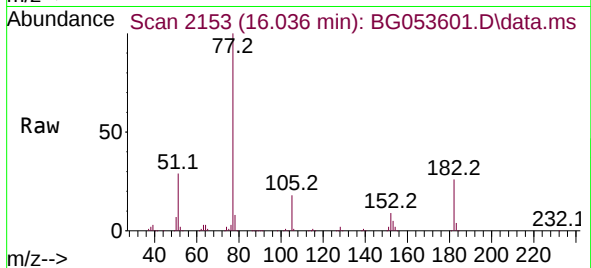
Ion Ratio Lower Upper

77 100

182 25.5 3.8 43.8

105 18.1 0.0 37.8

51 29.3 10.7 50.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.452 min Scan# 2394

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

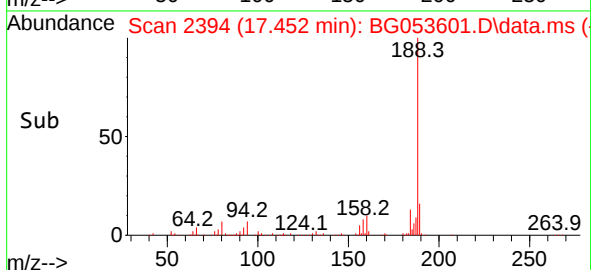
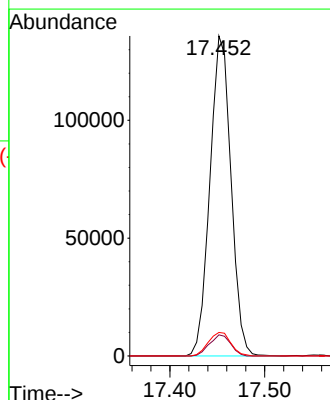
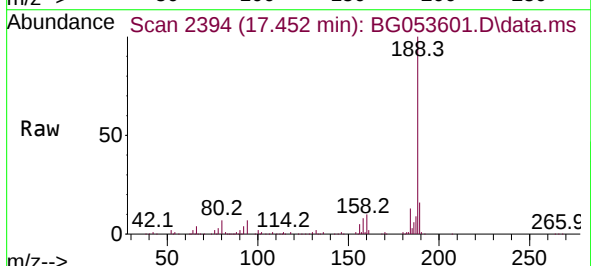
Tgt Ion: 188 Resp: 209762

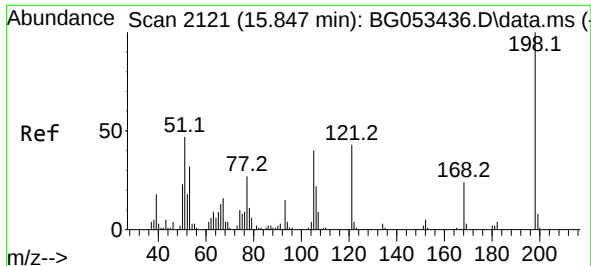
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 7.4 6.8 10.2

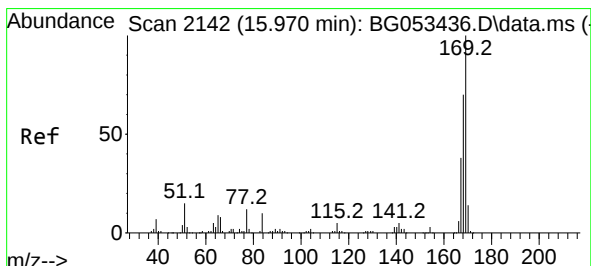
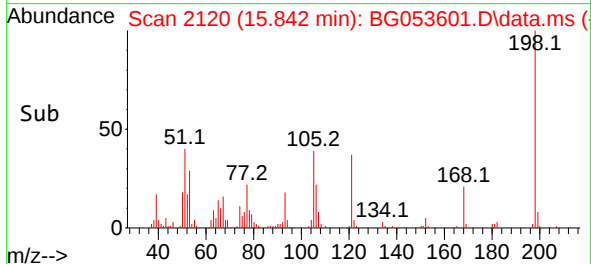
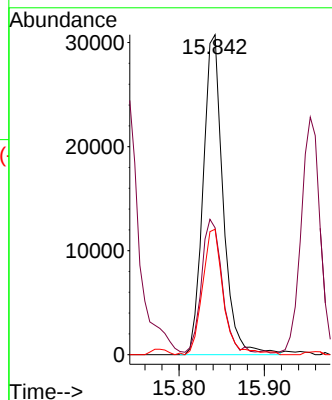
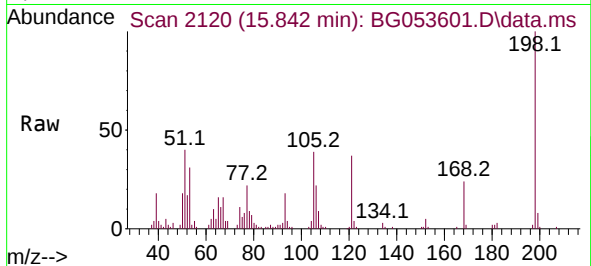




#65
4,6-Dinitro-2-methylphenol
Concen: 39.974 ng
RT: 15.842 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

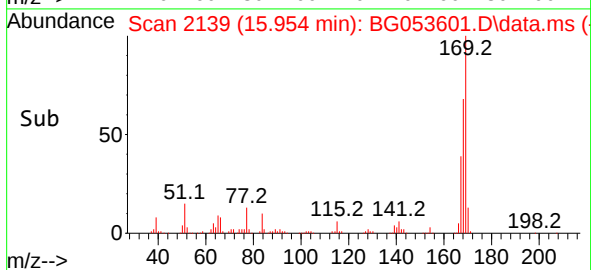
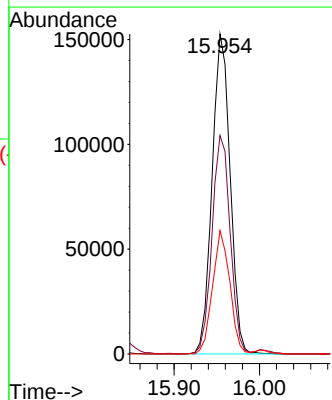
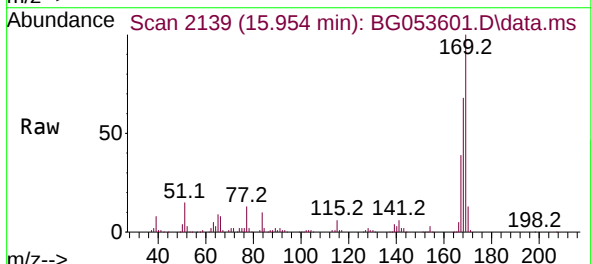
Instrument :
BNA_G
ClientSampleId :
PB144886BS

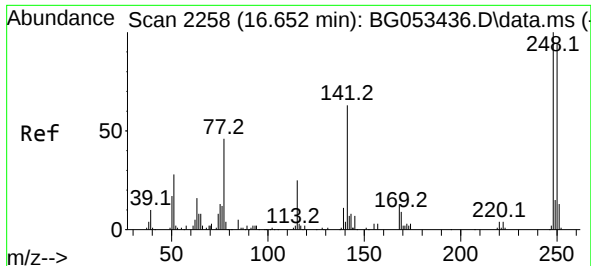
Tgt Ion:198 Resp: 49964
Ion Ratio Lower Upper
198 100
51 39.6 28.1 68.1
105 39.2 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 40.735 ng
RT: 15.954 min Scan# 2139
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:169 Resp: 224344
Ion Ratio Lower Upper
169 100
168 68.2 55.9 83.9
167 38.6 30.6 46.0

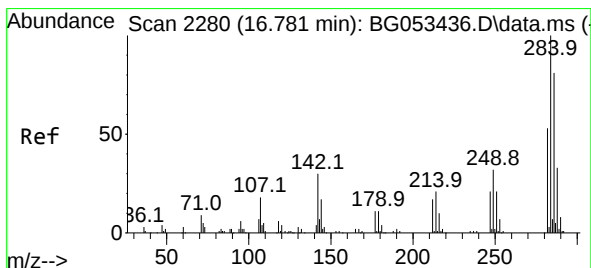
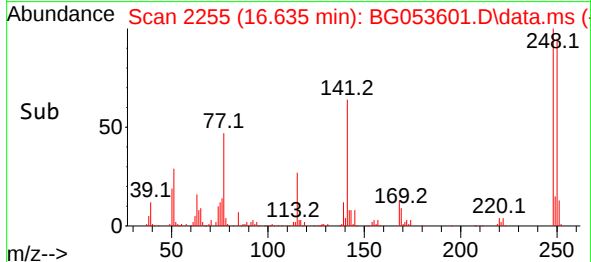
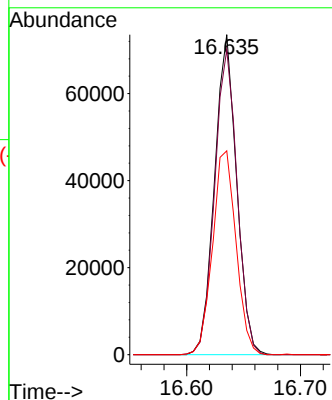
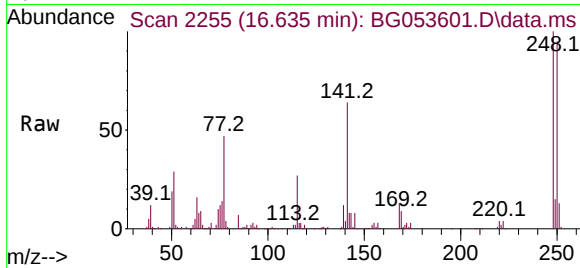




#67
4-Bromophenyl-phenylether
Concen: 40.481 ng
RT: 16.635 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

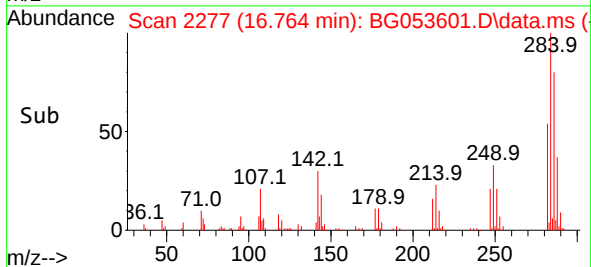
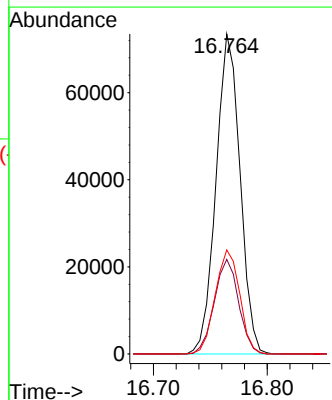
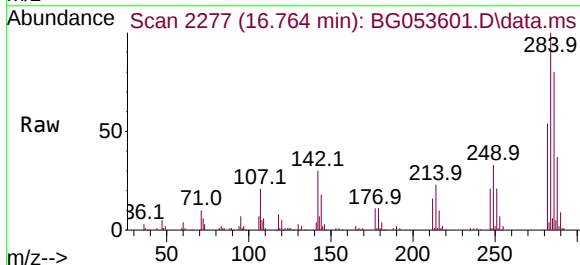
Instrument :
BNA_G
ClientSampleId :
PB144886BS

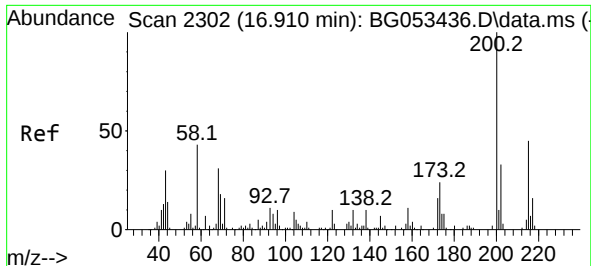
Tgt Ion:248 Resp: 99170
Ion Ratio Lower Upper
248 100
250 95.3 75.2 112.8
141 63.7 50.0 75.0



#68
Hexachlorobenzene
Concen: 40.179 ng
RT: 16.764 min Scan# 2277
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:284 Resp: 107799
Ion Ratio Lower Upper
284 100
142 29.5 23.6 35.4
249 32.5 25.8 38.6

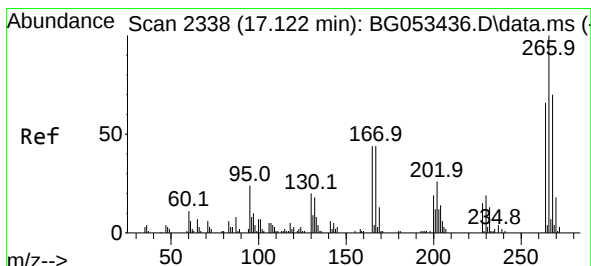
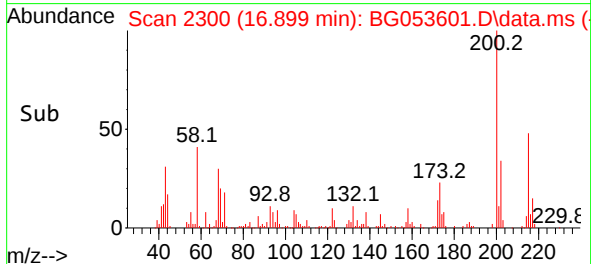
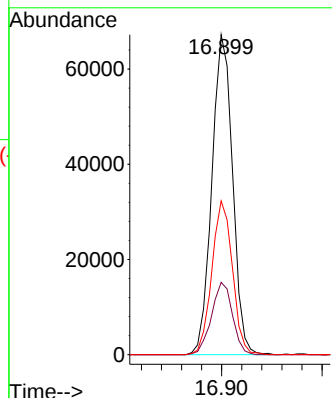
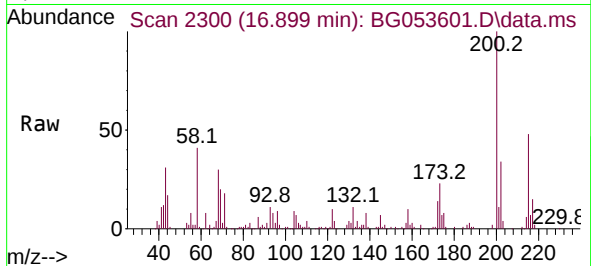




#69
 Atrazine
 Concen: 41.546 ng
 RT: 16.899 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG053601.D
 Acq: 18 May 2022 12:15

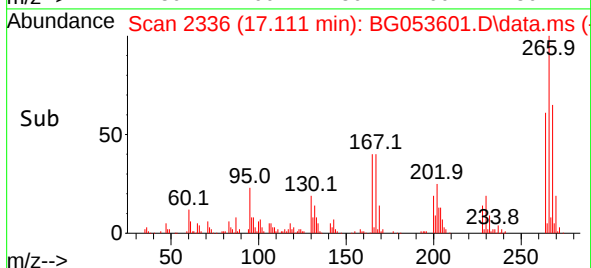
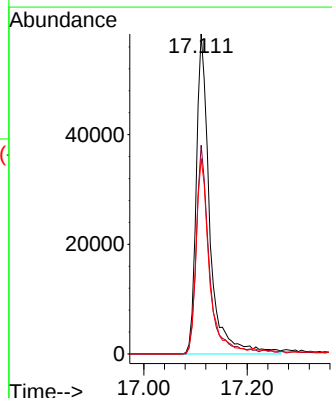
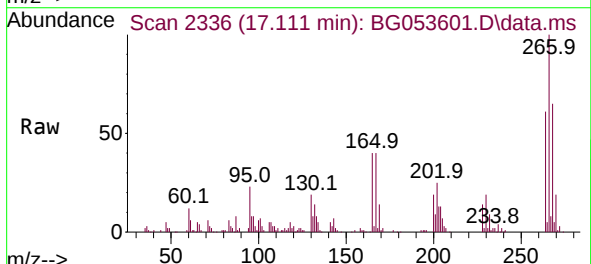
Instrument :
 BNA_G
 ClientSampleId :
 PB144886BS

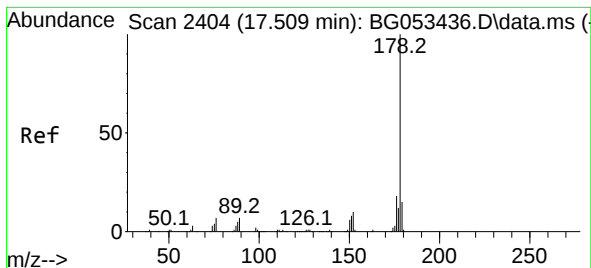
Tgt Ion:200 Resp: 96325
 Ion Ratio Lower Upper
 200 100
 173 22.6 3.7 43.7
 215 48.1 25.2 65.2



#70
 Pentachlorophenol
 Concen: 73.632 ng
 RT: 17.111 min Scan# 2336
 Delta R.T. -0.007 min
 Lab File: BG053601.D
 Acq: 18 May 2022 12:15

Tgt Ion:266 Resp: 105820
 Ion Ratio Lower Upper
 266 100
 268 65.2 56.2 84.2
 264 61.0 53.0 79.4





#71

Phenanthrene

Concen: 40.668 ng

RT: 17.499 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB144886BS

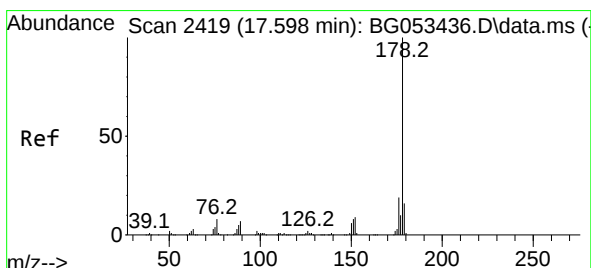
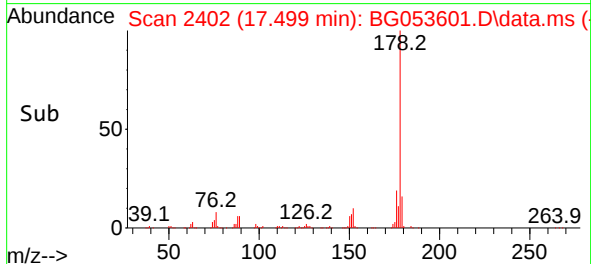
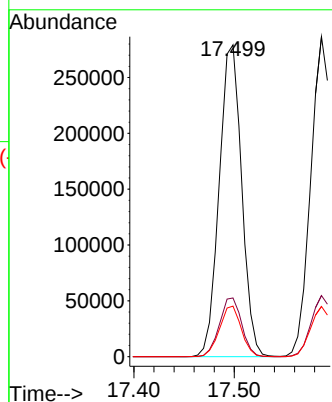
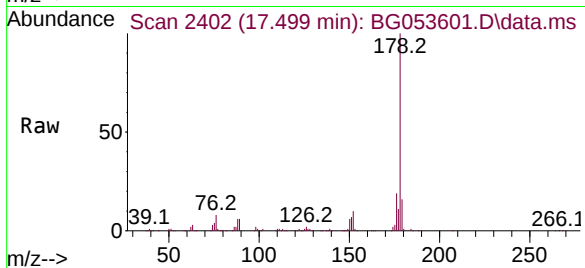
Tgt Ion:178 Resp: 433767

Ion Ratio Lower Upper

178 100

176 18.8 14.1 21.1

179 16.2 12.1 18.1



#72

Anthracene

Concen: 41.314 ng

RT: 17.587 min Scan# 2417

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

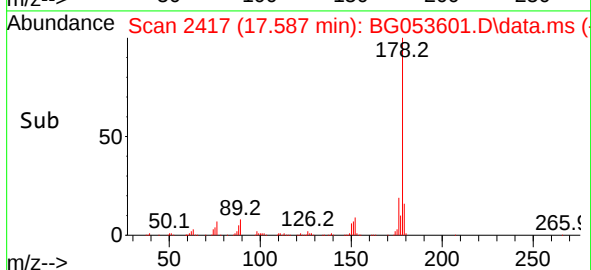
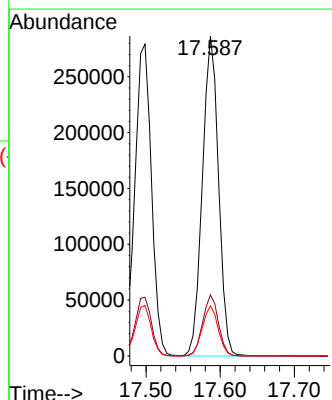
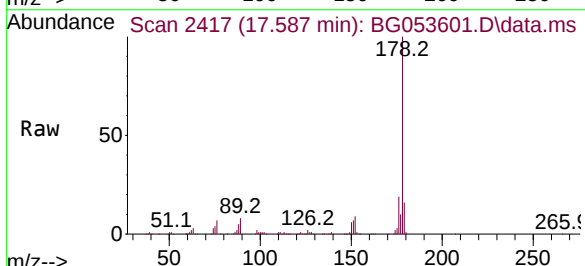
Tgt Ion:178 Resp: 433130

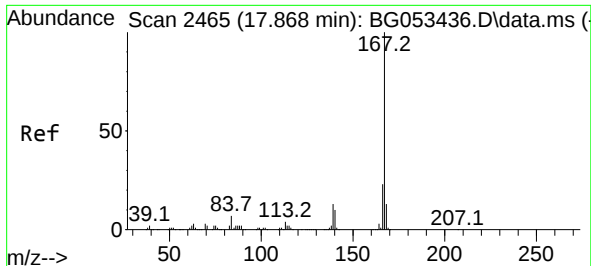
Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.7 13.0 19.4

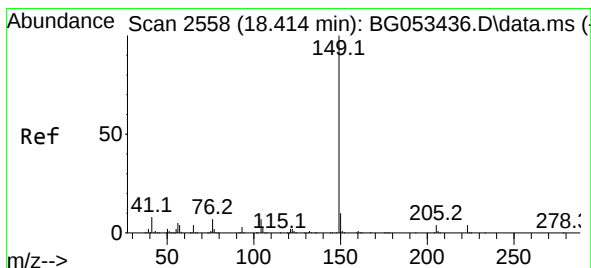
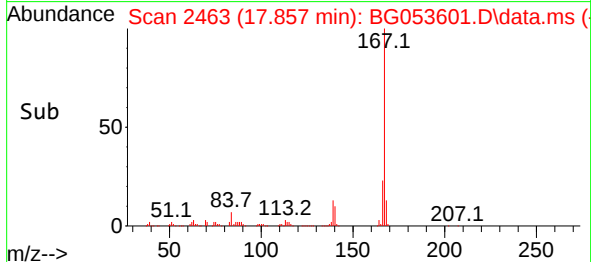
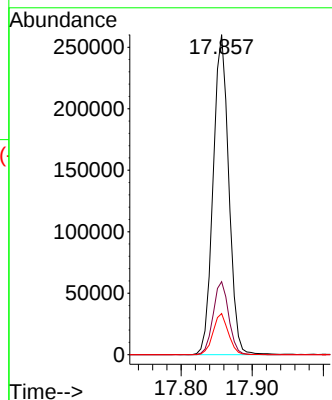
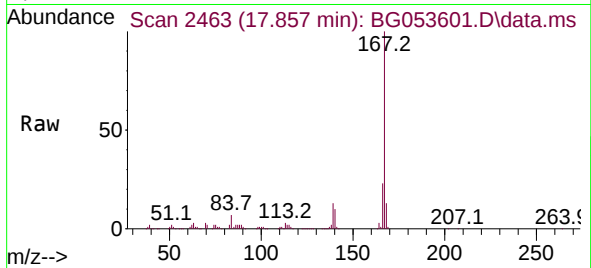




#73
 Carbazole
 Concen: 38.710 ng
 RT: 17.857 min Scan# 2463
 Delta R.T. -0.002 min
 Lab File: BG053601.D
 Acq: 18 May 2022 12:15

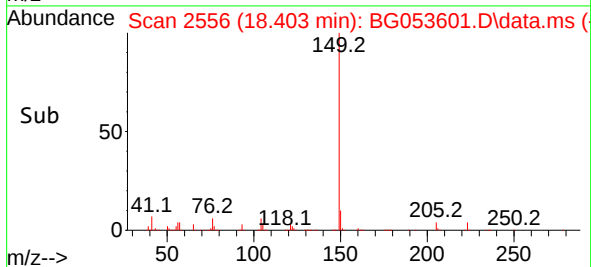
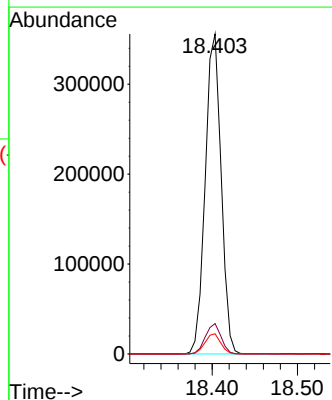
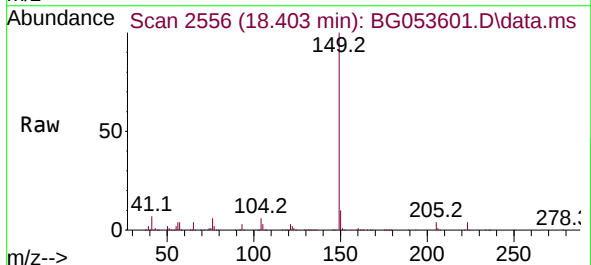
Instrument :
 BNA_G
 ClientSampleId :
 PB144886BS

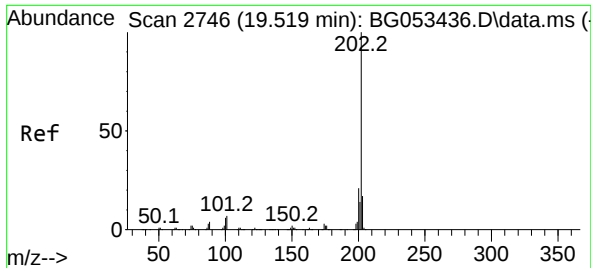
Tgt Ion:167 Resp: 397737
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.2
 139 12.9 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 39.901 ng
 RT: 18.403 min Scan# 2556
 Delta R.T. -0.002 min
 Lab File: BG053601.D
 Acq: 18 May 2022 12:15

Tgt Ion:149 Resp: 461085
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.3 5.4 8.0

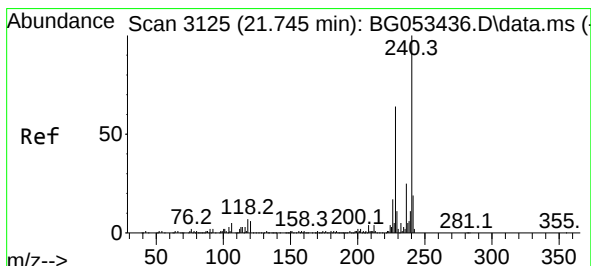
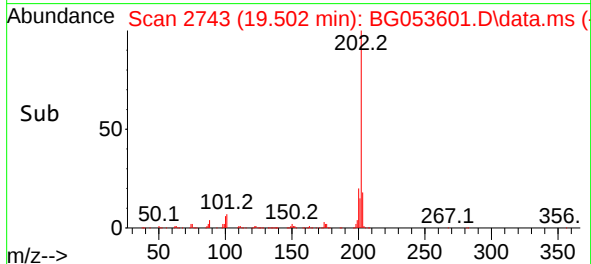
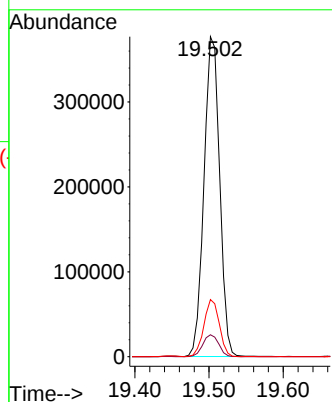
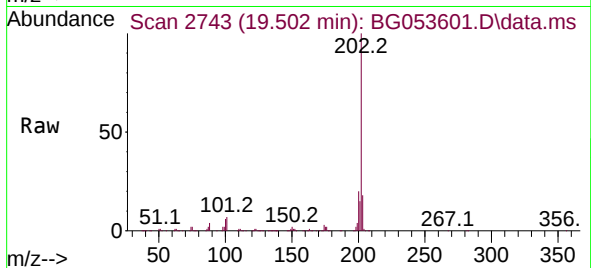




#75
Fluoranthene
Concen: 40.044 ng
RT: 19.502 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

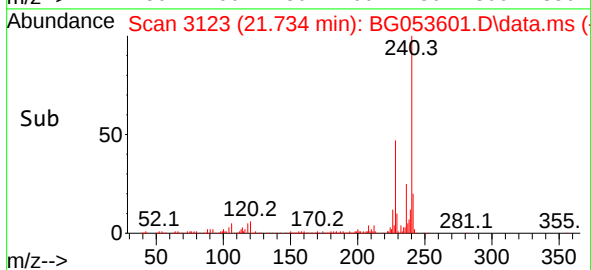
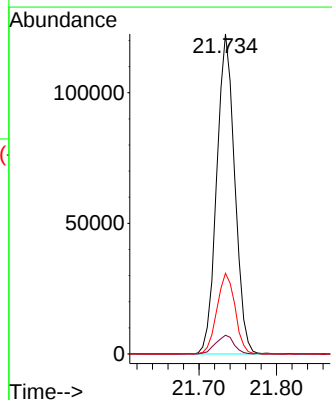
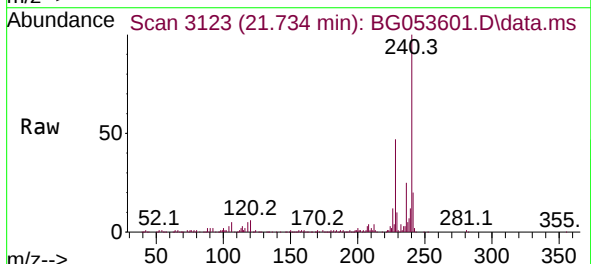
Instrument :
BNA_G
ClientSampleId :
PB144886BS

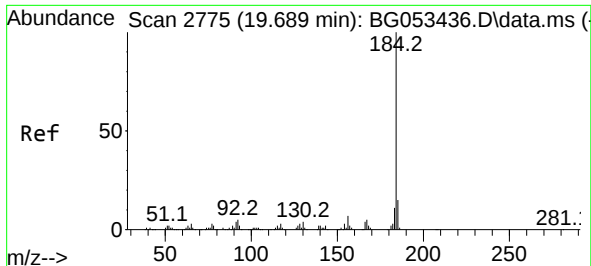
Tgt Ion:202 Resp: 553024
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.9
203 17.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:240 Resp: 197619
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.2 20.2 30.4

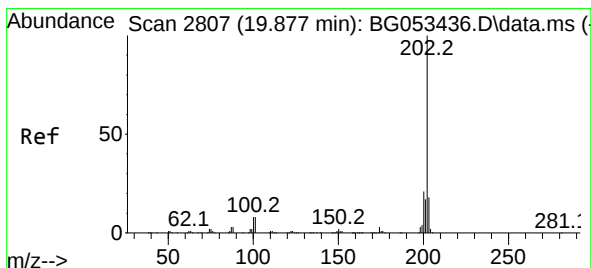
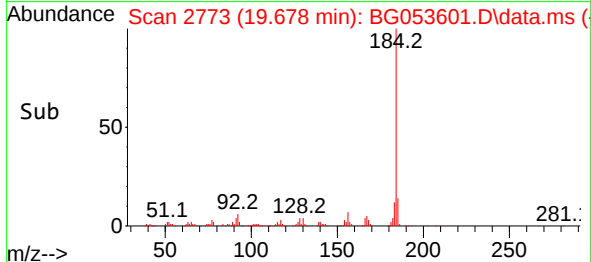
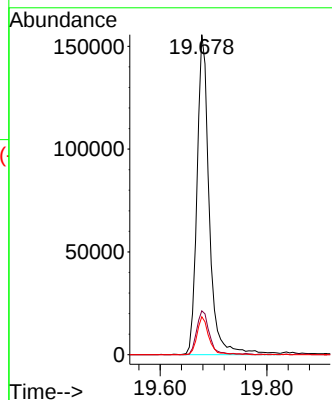
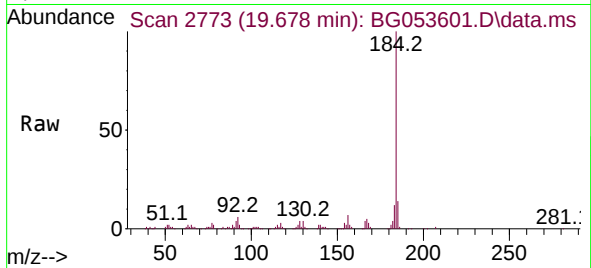




#77
Benzidine
Concen: 58.308 ng
RT: 19.678 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

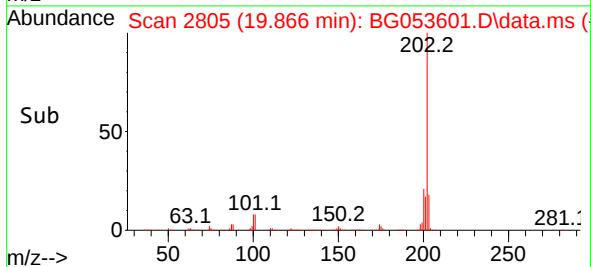
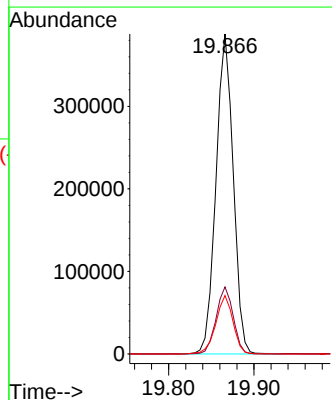
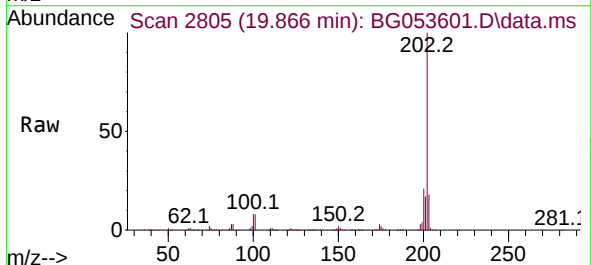
Instrument :
BNA_G
ClientSampleId :
PB144886BS

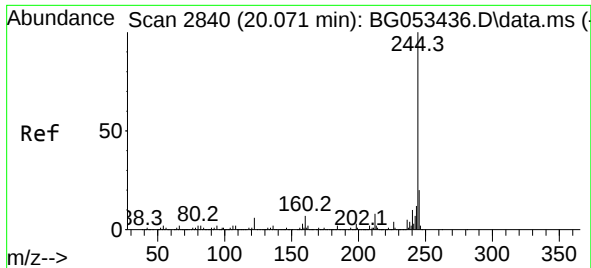
Tgt Ion:184 Resp: 248360
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 11.9 8.9 13.3



#78
Pyrene
Concen: 42.602 ng
RT: 19.866 min Scan# 2805
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:202 Resp: 545002
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 18.3 14.6 21.8

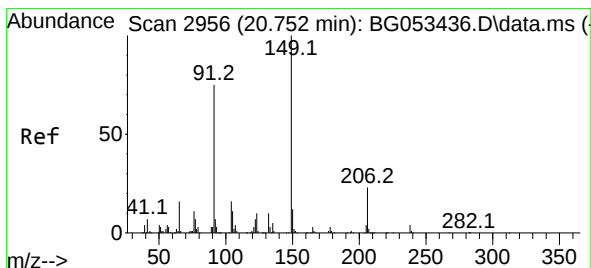
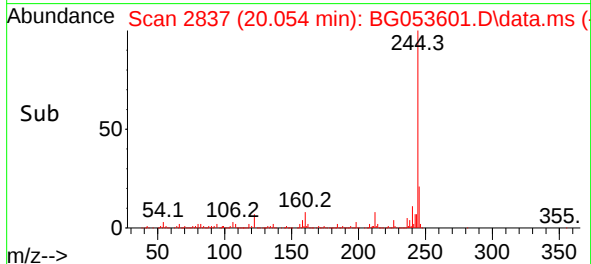
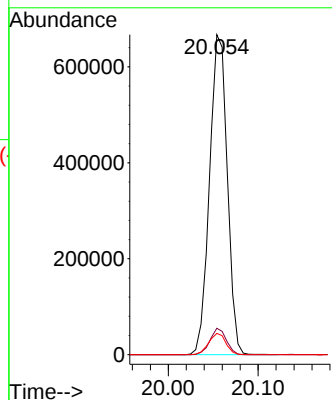
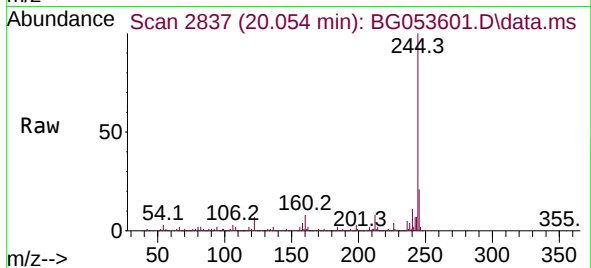




#79
 Terphenyl-d14
 Concen: 86.176 ng
 RT: 20.054 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG053601.D
 Acq: 18 May 2022 12:15

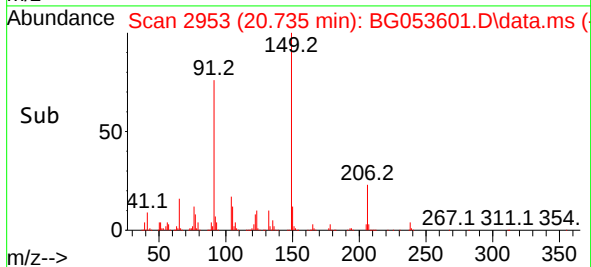
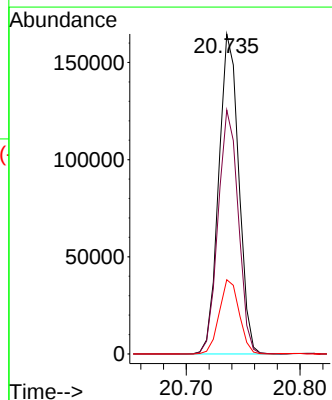
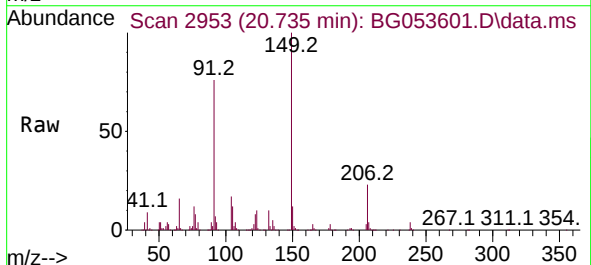
Instrument :
 BNA_G
 ClientSampleId :
 PB144886BS

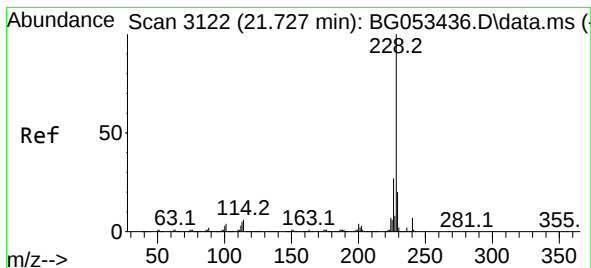
Tgt Ion:244 Resp: 914381
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 6.7 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 42.985 ng
 RT: 20.735 min Scan# 2953
 Delta R.T. -0.007 min
 Lab File: BG053601.D
 Acq: 18 May 2022 12:15

Tgt Ion:149 Resp: 201645
 Ion Ratio Lower Upper
 149 100
 91 76.3 59.6 89.4
 206 23.2 18.6 28.0





#81

Benzo(a)anthracene

Concen: 42.142 ng

RT: 21.716 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB144886BS

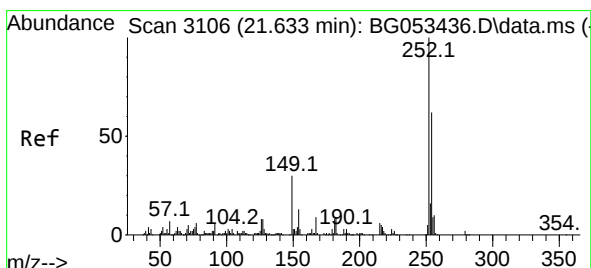
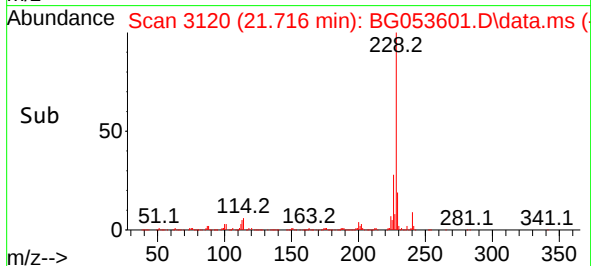
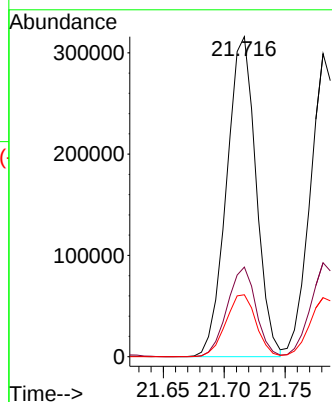
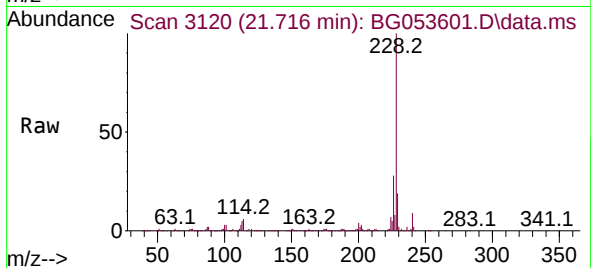
Tgt Ion:228 Resp: 531176

Ion Ratio Lower Upper

228 100

226 28.0 21.6 32.4

229 19.3 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 48.908 ng

RT: 21.622 min Scan# 3104

Delta R.T. -0.002 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

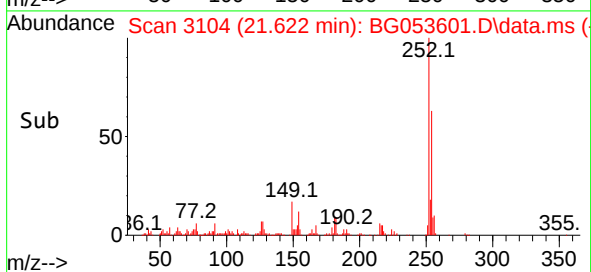
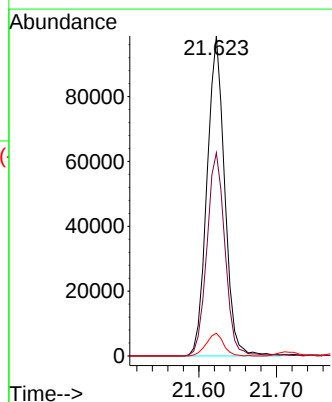
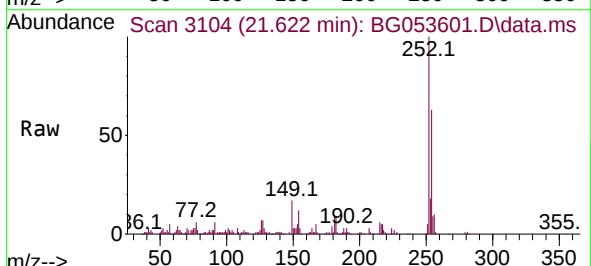
Tgt Ion:252 Resp: 156327

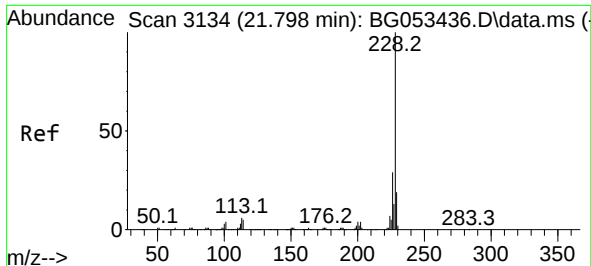
Ion Ratio Lower Upper

252 100

254 63.5 49.8 74.8

126 7.1 6.0 9.0

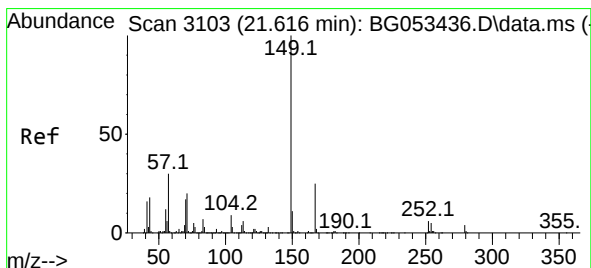
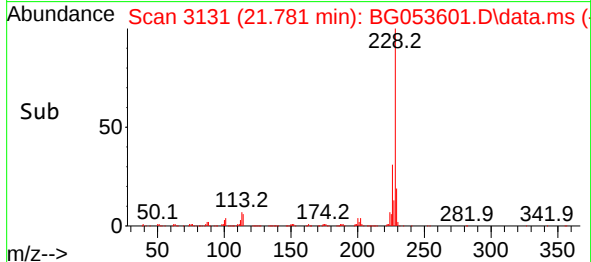
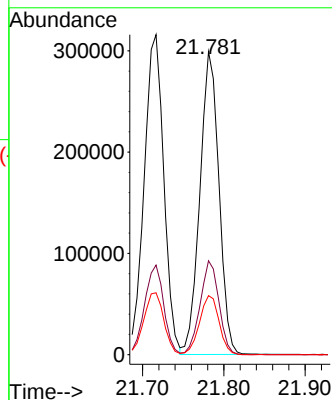
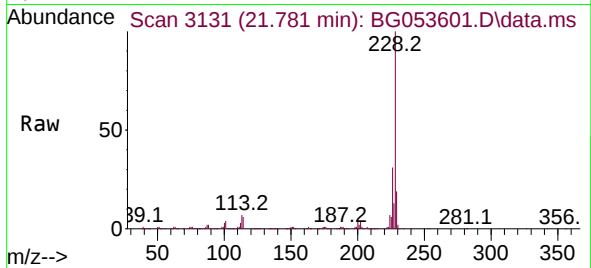




#83
Chrysene
Concen: 41.413 ng
RT: 21.781 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

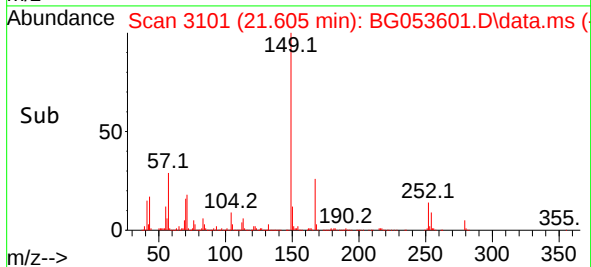
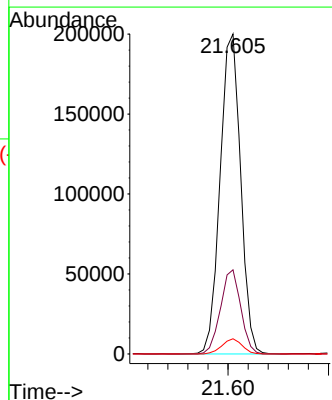
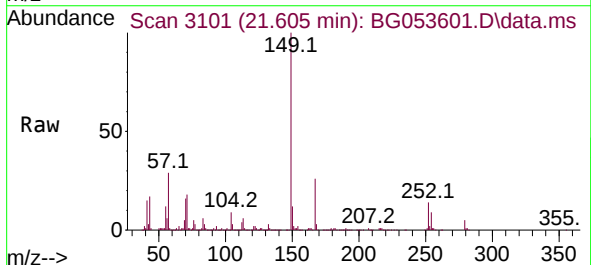
Instrument :
BNA_G
ClientSampleId :
PB144886BS

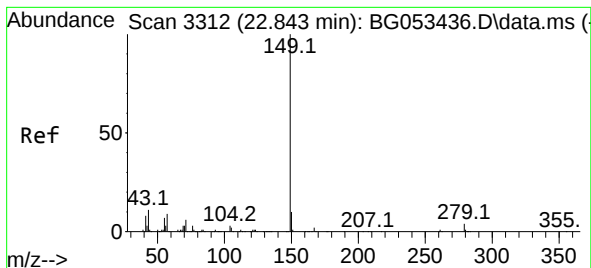
Tgt Ion:228 Resp: 487525
Ion Ratio Lower Upper
228 100
226 31.0 23.4 35.2
229 19.5 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.694 ng
RT: 21.605 min Scan# 3101
Delta R.T. -0.002 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:149 Resp: 282907
Ion Ratio Lower Upper
149 100
167 26.3 20.2 30.4
279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.613 ng

RT: 22.827 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB144886BS

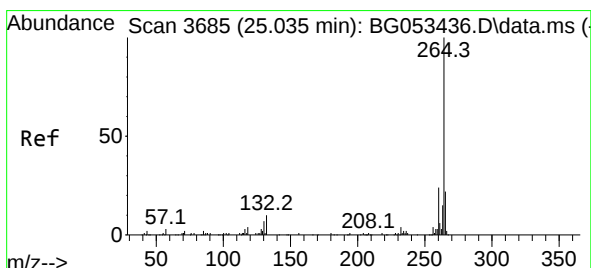
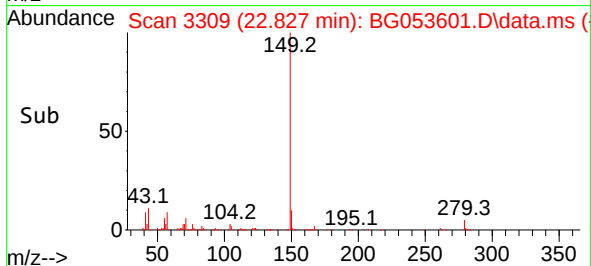
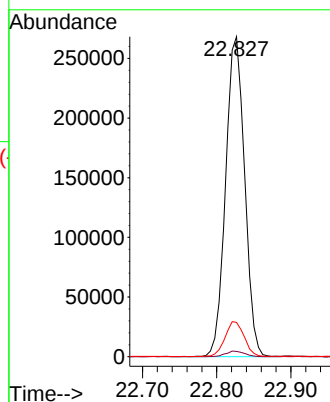
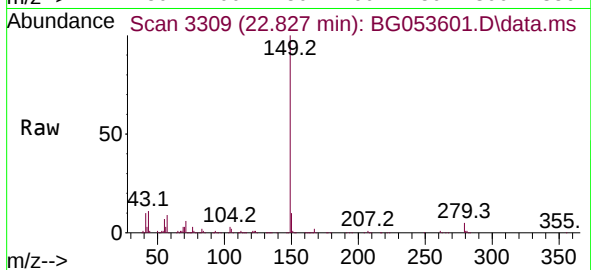
Tgt Ion:149 Resp: 477510

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.012 min Scan# 3681

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

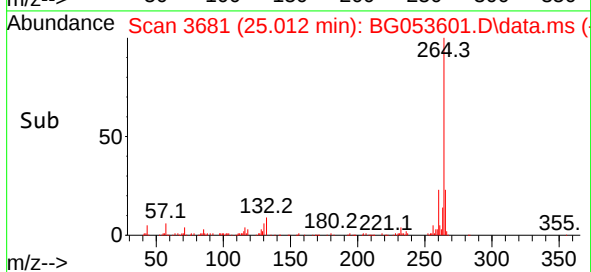
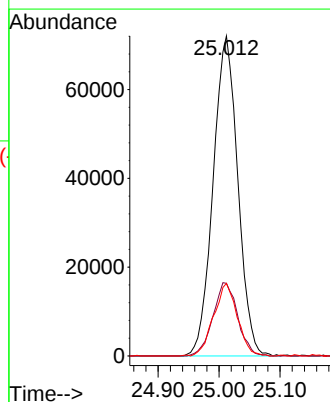
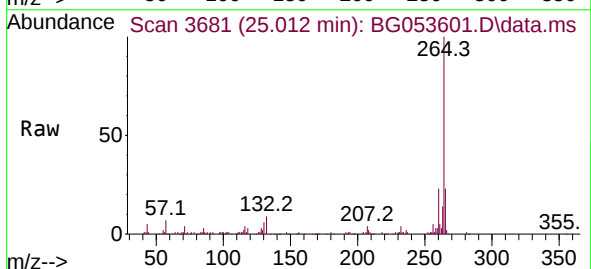
Tgt Ion:264 Resp: 202827

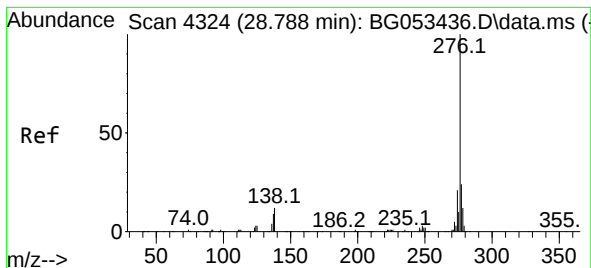
Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.6

265 22.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.331 ng

RT: 28.772 min Scan# 41

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

Instrument :

BNA_G

ClientSampleId :

PB144886BS

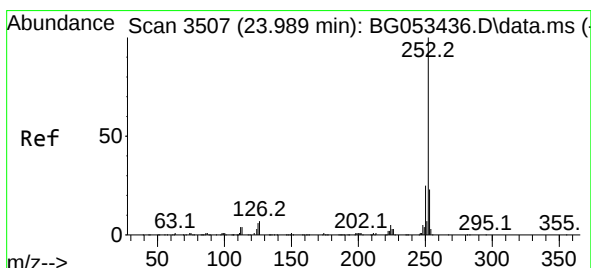
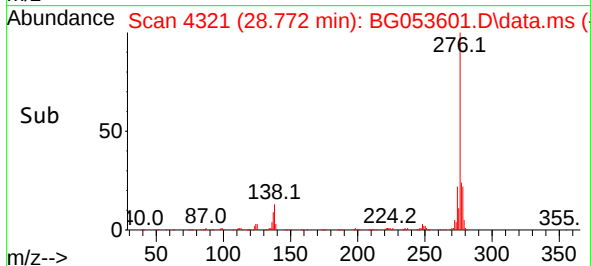
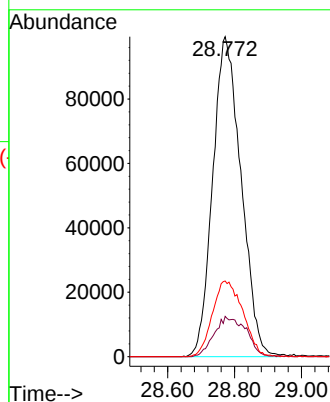
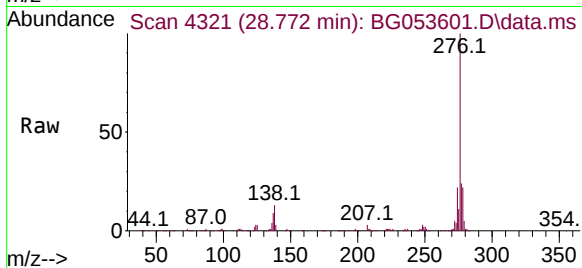
Tgt Ion:276 Resp: 583854

Ion Ratio Lower Upper

276 100

138 14.0 5.0 7.4#

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 46.247 ng

RT: 23.972 min Scan# 3504

Delta R.T. -0.007 min

Lab File: BG053601.D

Acq: 18 May 2022 12:15

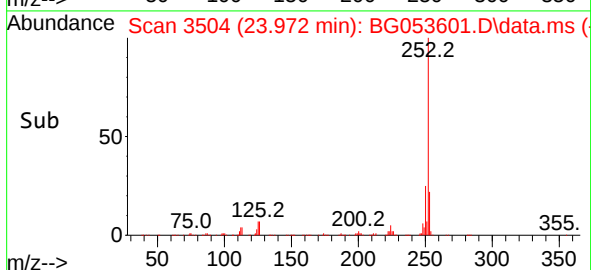
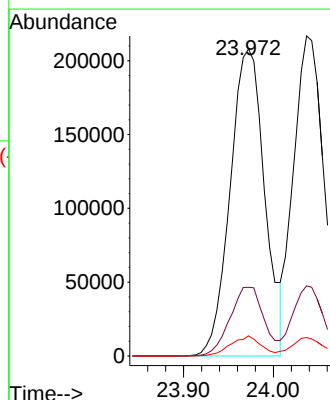
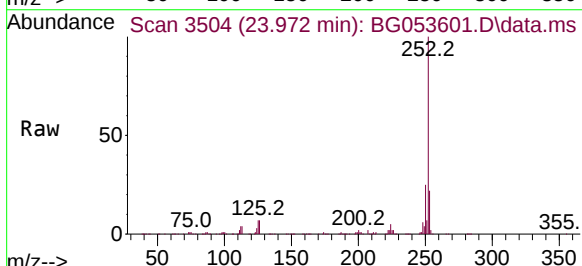
Tgt Ion:252 Resp: 555224

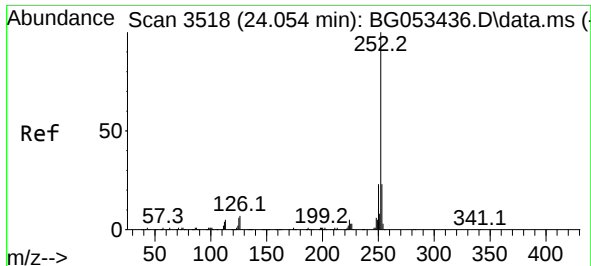
Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 6.6 4.6 6.8

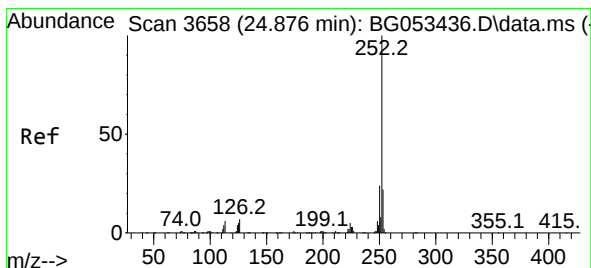
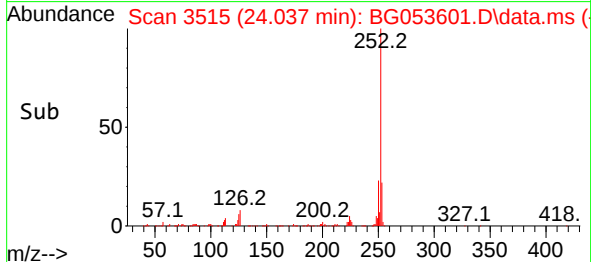
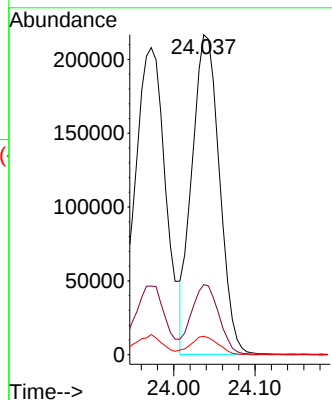
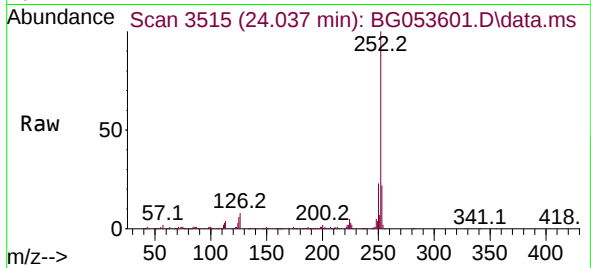




#89
Benzo(k)fluoranthene
Concen: 43.098 ng
RT: 24.037 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

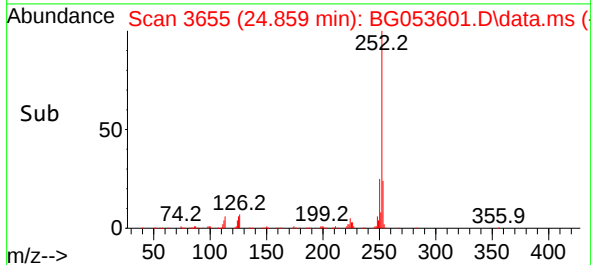
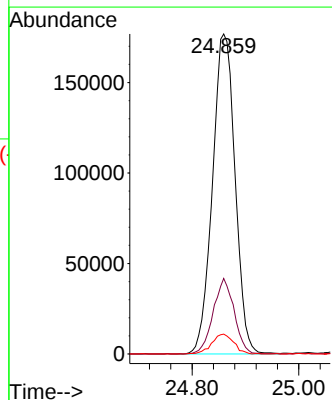
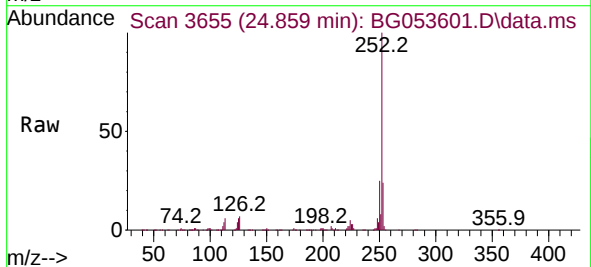
Instrument :
BNA_G
ClientSampleId :
PB144886BS

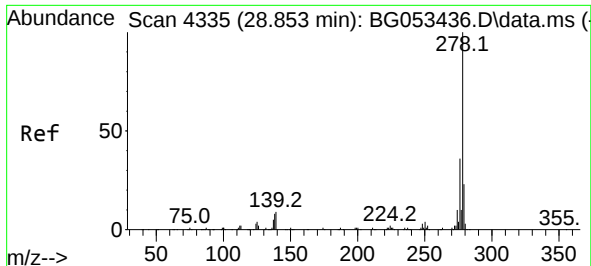
Tgt Ion:252 Resp: 508454
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 5.7 4.8 7.2



#90
Benzo(a)pyrene
Concen: 50.988 ng
RT: 24.859 min Scan# 3655
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:252 Resp: 521029
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 6.2 4.3 6.5

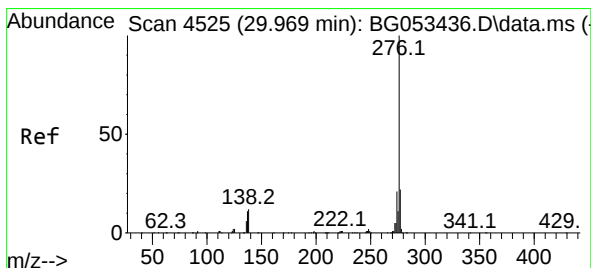
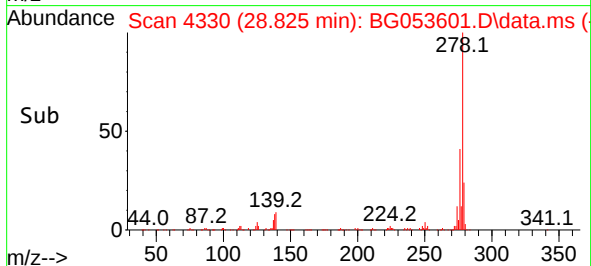
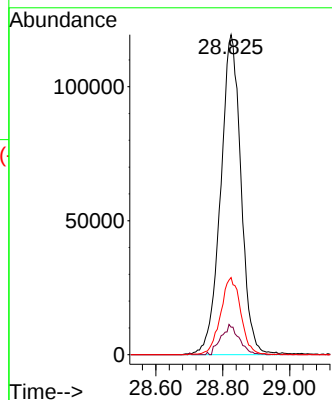
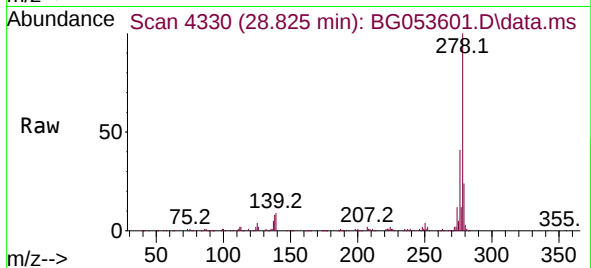




#91
Dibenzo(a,h)anthracene
Concen: 43.333 ng
RT: 28.825 min Scan# 41
Delta R.T. -0.013 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Instrument :
BNA_G
ClientSampleId :
PB144886BS

Tgt Ion:278 Resp: 504404
Ion Ratio Lower Upper
278 100
139 8.6 7.2 10.8
279 24.1 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 43.929 ng
RT: 29.947 min Scan# 4521
Delta R.T. -0.007 min
Lab File: BG053601.D
Acq: 18 May 2022 12:15

Tgt Ion:276 Resp: 506866
Ion Ratio Lower Upper
276 100
277 22.8 17.3 25.9
138 11.6 9.6 14.4

