

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053059.D
 Acq On : 6 Apr 2022 17:47
 Operator : CG/JU
 Sample : N2220-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4MS

Quant Time: Apr 06 18:41:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.126	152	34653	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	140215	20.000	ng	0.00
39) Acenaphthene-d10	14.753	164	101569	20.000	ng	0.00
64) Phenanthrene-d10	17.496	188	204991	20.000	ng	0.00
76) Chrysene-d12	21.784	240	202049	20.000	ng	# 0.00
86) Perylene-d12	25.086	264	214099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	203184	102.112	ng	0.01
7) Phenol-d6	7.292	99	298952	99.655	ng	0.01
23) Nitrobenzene-d5	9.289	82	209501	74.991	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	143904	105.438	ng	0.00
45) 2-Fluorobiphenyl	13.372	172	440423	63.952	ng	0.00
79) Terphenyl-d14	20.092	244	681334	59.985	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.574	88	33807	33.964	ng	# 91
3) Pyridine	3.973	79	91231	35.755	ng	# 83
4) n-Nitrosodimethylamine	3.885	42	56509	49.923	ng	81
6) Aniline	7.451	93	76026	21.614	ng	96
8) 2-Chlorophenol	7.692	128	110954	53.067	ng	96
9) Benzaldehyde	7.257	77	62908	37.521	ng	94
10) Phenol	7.316	94	150013	50.659	ng	86
11) bis(2-Chloroethyl)ether	7.539	93	103307	46.196	ng	96
12) 1,3-Dichlorobenzene	8.021	146	115470	45.869	ng	93
13) 1,4-Dichlorobenzene	8.162	146	119244	47.145	ng	98
14) 1,2-Dichlorobenzene	8.485	146	115286	48.194	ng	97
15) Benzyl Alcohol	8.361	79	128431	50.846	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.655	45	166070	42.643	ng	98
17) 2-Methylphenol	8.573	107	103043	52.197	ng	97
18) Hexachloroethane	9.219	117	45358	48.877	ng	99
19) n-Nitroso-di-n-propyla...	8.931	70	98007	46.128	ng	# 97
20) 3+4-Methylphenols	8.902	107	138692	50.202	ng	93
22) Acetophenone	8.949	105	168400	46.410	ng	92
24) Nitrobenzene	9.331	77	152467	54.545	ng	92
25) Isophorone	9.859	82	266224	49.215	ng	99
26) 2-Nitrophenol	10.047	139	64756	66.710	ng	# 92
27) 2,4-Dimethylphenol	10.106	122	108809	54.791	ng	91
28) bis(2-Chloroethoxy)met...	10.335	93	142884	44.672	ng	98
29) 2,4-Dichlorophenol	10.588	162	119961	53.683	ng	99
30) 1,2,4-Trichlorobenzene	10.805	180	128479	48.738	ng	96
31) Naphthalene	10.993	128	347220	47.888	ng	99
32) Benzoic acid	10.259	122	81545	54.434	ng	88
33) 4-Chloroaniline	11.093	127	38198	12.430	ng	93
34) Hexachlorobutadiene	11.281	225	92048	48.702	ng	98
35) Caprolactam	11.874	113	29543	48.418	ng	# 83
36) 4-Chloro-3-methylphenol	12.215	107	135951	52.391	ng	97
37) 2-Methylnaphthalene	12.585	142	244461	46.038	ng	# 96
38) 1-Methylnaphthalene	12.808	142	240634	46.433	ng	# 96
40) 1,2,4,5-Tetrachloroben...	12.955	216	160451	50.564	ng	98
41) Hexachlorocyclopentadiene	12.937	237	173261	92.114	ng	92
43) 2,4,6-Trichlorophenol	13.190	196	113981	56.089	ng	98

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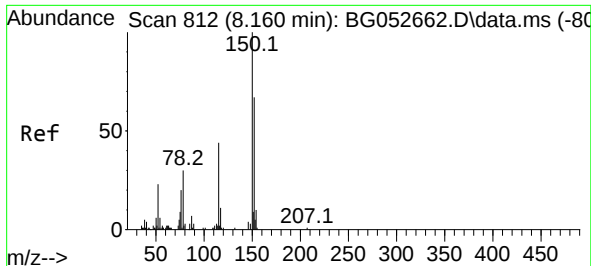
Quant Time: Apr 06 18:41:57 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.266	196	119675	58.021	ng	97
46) 1,1'-Biphenyl	13.584	154	333398	46.937	ng	99
47) 2-Chloronaphthalene	13.631	162	263531	47.111	ng	95
48) 2-Nitroaniline	13.824	65	103042	67.355	ng	85
49) Acenaphthylene	14.476	152	447435	50.177	ng	98
50) Dimethylphthalate	14.200	163	339285	44.946	ng	99
51) 2,6-Dinitrotoluene	14.318	165	75597	59.315	ng	# 81
52) Acenaphthene	14.817	154	261573	45.789	ng	96
53) 3-Nitroaniline	14.647	138	47491	31.844	ng	90
54) 2,4-Dinitrophenol	14.852	184	71119	102.371	ng	# 82
55) Dibenzofuran	15.146	168	424774	45.533	ng	96
56) 4-Nitrophenol	14.964	139	126480	103.967	ng	# 74
57) 2,4-Dinitrotoluene	15.105	165	108777	61.512	ng	87
58) Fluorene	15.798	166	342777	45.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.375	232	109862	49.832	ng	# 98
60) Diethylphthalate	15.557	149	340922	42.785	ng	99
61) 4-Chlorophenyl-phenyle...	15.781	204	185667	44.271	ng	98
62) 4-Nitroaniline	15.810	138	61819	39.229	ng	# 75
63) Azobenzene	16.074	77	357372	41.961	ng	96
65) 4,6-Dinitro-2-methylph...	15.869	198	49810	54.504	ng	95
66) n-Nitrosodiphenylamine	15.998	169	298671	51.752	ng	98
67) 4-Bromophenyl-phenylether	16.674	248	125646	50.840	ng	94
68) Hexachlorobenzene	16.803	284	135801	51.121	ng	# 89
69) Atrazine	16.944	200	118952	55.898	ng	99
70) Pentachlorophenol	17.149	266	166361	100.945	ng	92
71) Phenanthrene	17.537	178	765624	69.815	ng	99
72) Anthracene	17.631	178	567327	52.332	ng	99
73) Carbazole	17.895	167	499147	46.489	ng	99
74) Di-n-butylphthalate	18.448	149	526873	44.919	ng	98
75) Fluoranthene	19.546	202	1083614	77.843	ng	97
77) Benzidine	19.716	184	21429	4.112	ng	97
78) Pyrene	19.904	202	1090123	77.780	ng	99
80) Butylbenzylphthalate	20.780	149	225604	45.378	ng	97
81) Benzo(a)anthracene	21.761	228	870543	64.344	ng	98
82) 3,3'-Dichlorobenzidine	21.667	252	74958	15.689	ng	95
83) Chrysene	21.831	228	830193	65.271	ng	99
84) Bis(2-ethylhexyl)phtha...	21.655	149	323484	47.844	ng	97
85) Di-n-octyl phthalate	22.889	149	545344	48.450	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.886	276	923188	62.997	ng	98
88) Benzo(b)fluoranthene	24.110	252	758290	57.042	ng	98
89) Benzo(k)fluoranthene	24.110	252	758290	57.977	ng	99
90) Benzo(a)pyrene	24.939	252	870083	77.323	ng	98
91) Dibenzo(a,h)anthracene	28.945	278	670914	55.561	ng	99
92) Benzo(g,h,i)perylene	30.079	276	820305	68.658	ng	98

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

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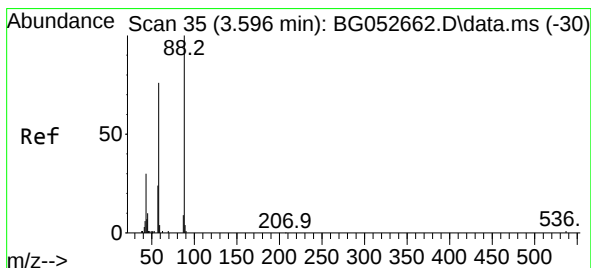
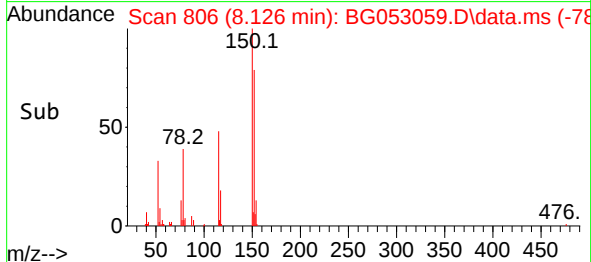
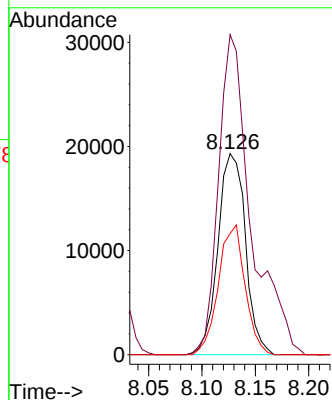
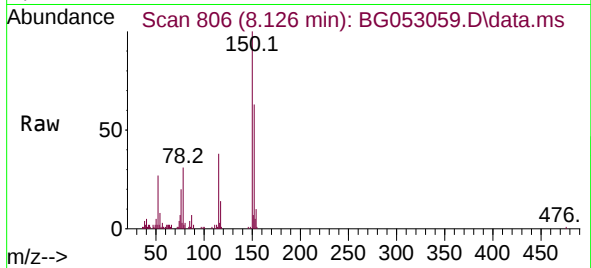




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.126 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

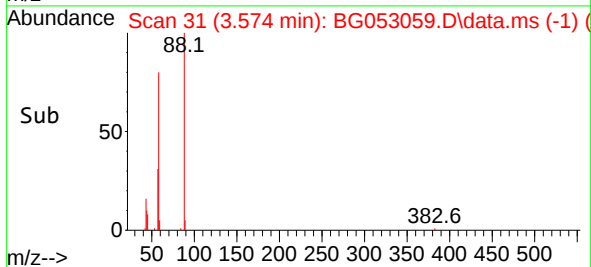
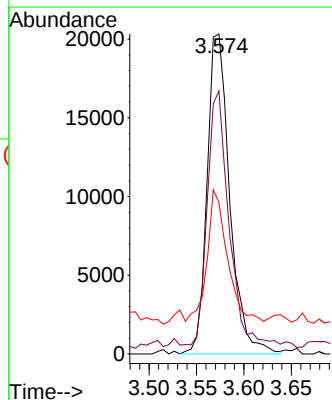
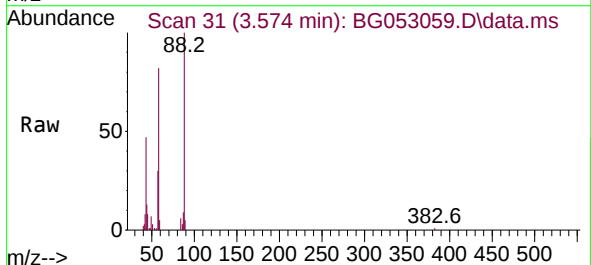
Instrument :
BNA_G
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TP-4MS

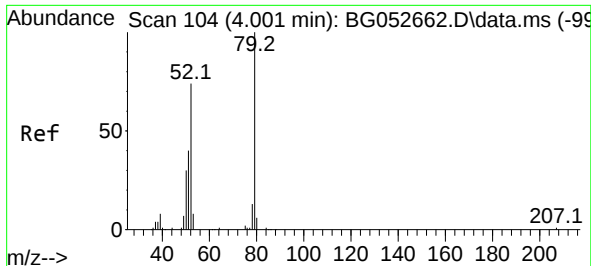
Tgt Ion:152 Resp: 34653
Ion Ratio Lower Upper
152 100
150 159.1 114.6 172.0
115 60.2 45.9 68.9



#2
1,4-Dioxane
Concen: 33.964 ng
RT: 3.574 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion: 88 Resp: 33807
Ion Ratio Lower Upper
88 100
58 78.1 58.2 87.2
43 37.5 23.4 35.0#

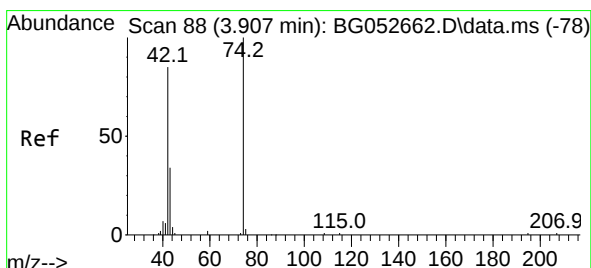
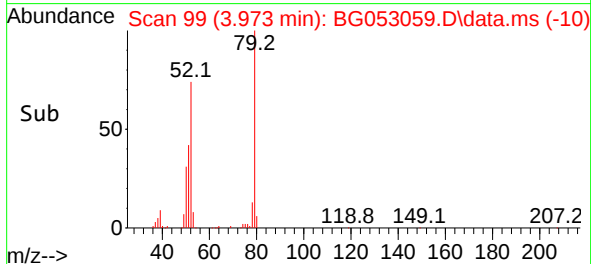
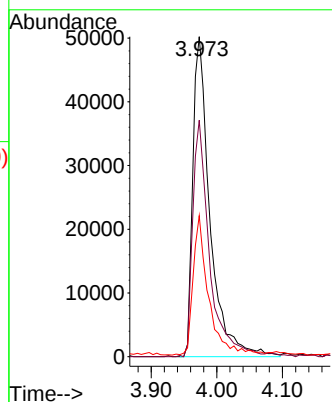
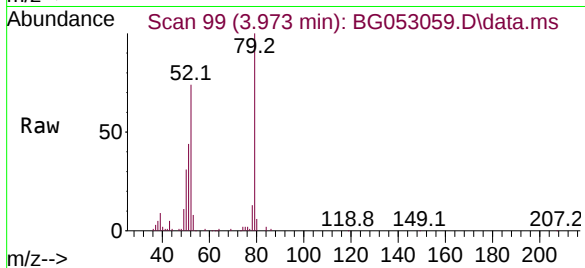




#3
Pyridine
Concen: 35.755 ng
RT: 3.973 min Scan# 99
Delta R.T. -0.008 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

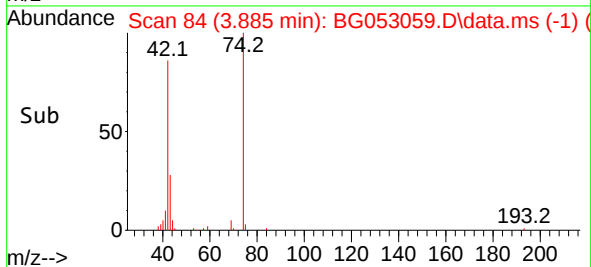
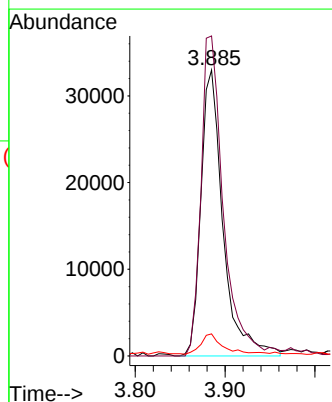
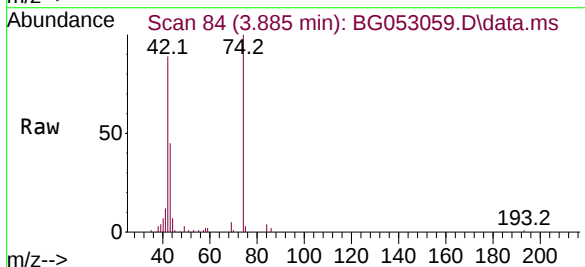
Instrument :
BNA_G
ClientSampleId :
TP-4MS

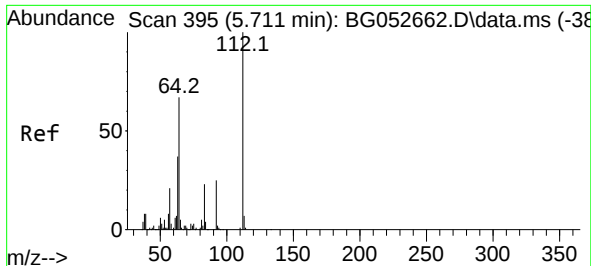
Tgt Ion: 79 Resp: 91231
Ion Ratio Lower Upper
79 100
52 73.9 50.9 76.3
51 44.1 24.4 36.6#



#4
n-Nitrosodimethylamine
Concen: 49.923 ng
RT: 3.885 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion: 42 Resp: 56509
Ion Ratio Lower Upper
42 100
74 111.9 108.9 163.3
44 7.7 5.7 8.5

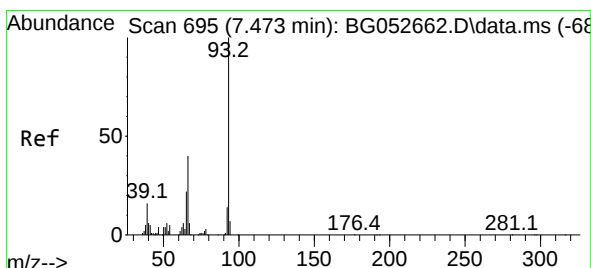
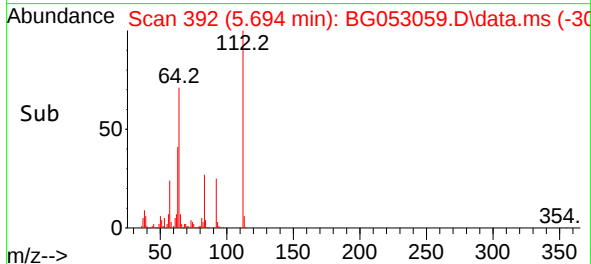
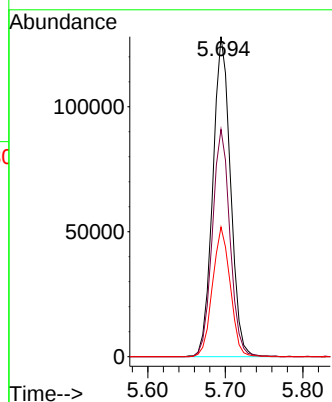
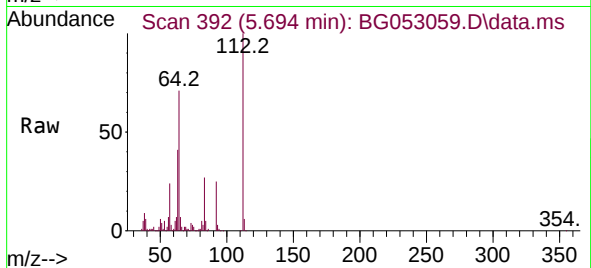




#5
2-Fluorophenol
Concen: 102.112 ng
RT: 5.694 min Scan# 395
Delta R.T. 0.010 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

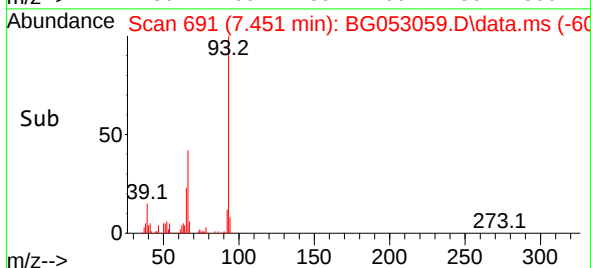
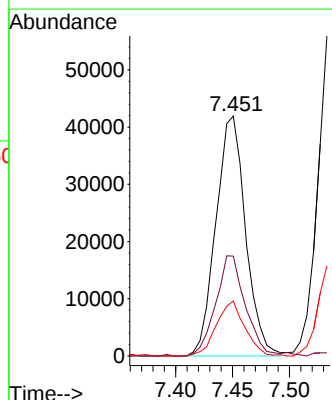
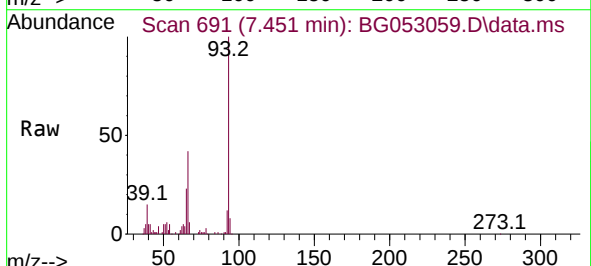
Instrument :
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ClientSampleId :
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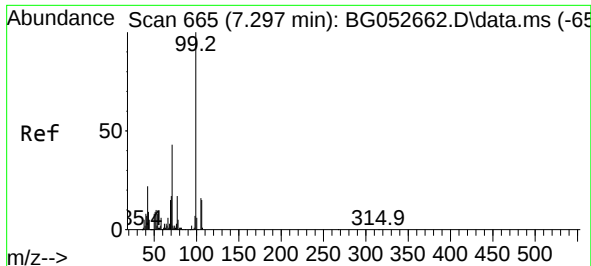
Tgt Ion:112 Resp: 203184
Ion Ratio Lower Upper
112 100
64 71.0 48.0 72.0
63 40.5 26.5 39.7#



#6
Aniline
Concen: 21.614 ng
RT: 7.451 min Scan# 691
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion: 93 Resp: 76026
Ion Ratio Lower Upper
93 100
66 41.6 31.3 46.9
65 22.9 16.7 25.1





#7

Phenol-d6

Concen: 99.655 ng

RT: 7.292 min Scan# 6

Delta R.T. 0.010 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

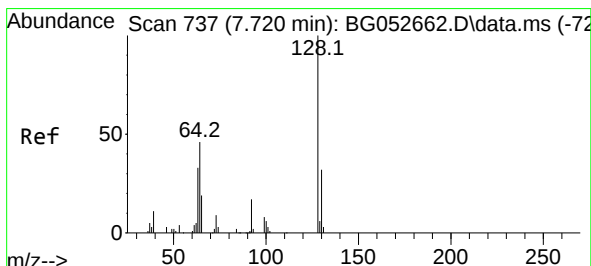
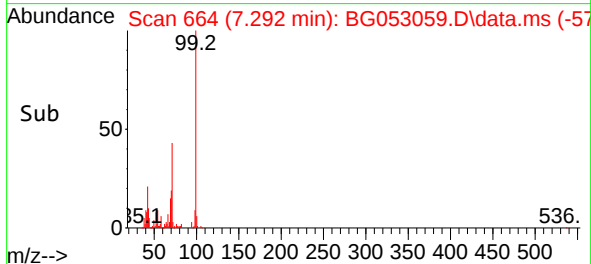
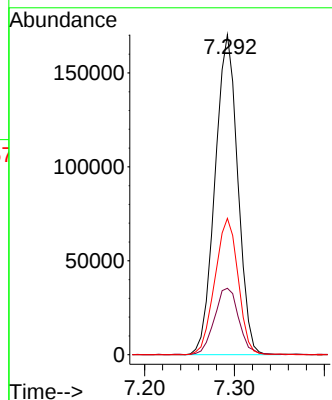
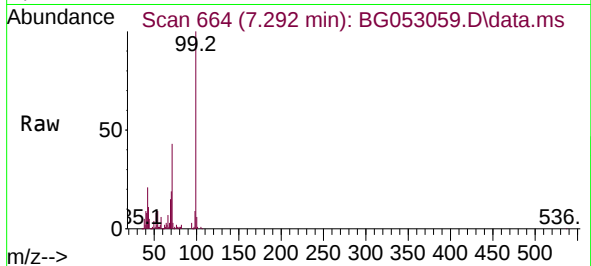
Tgt Ion: 99 Resp: 298952

Ion Ratio Lower Upper

99 100

42 20.7 14.7 22.1

71 42.6 29.2 43.8



#8

2-Chlorophenol

Concen: 53.067 ng

RT: 7.692 min Scan# 732

Delta R.T. 0.004 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

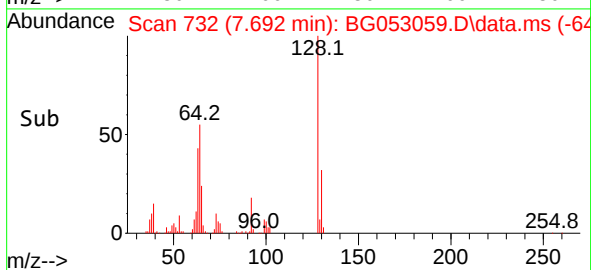
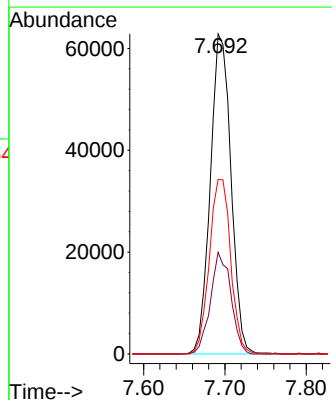
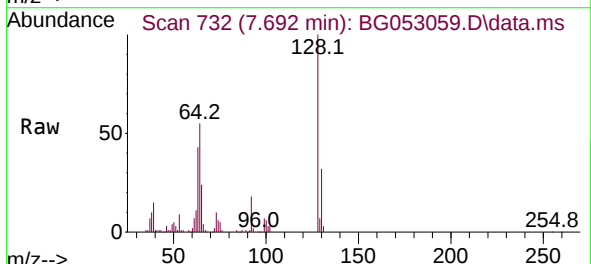
Tgt Ion:128 Resp: 110954

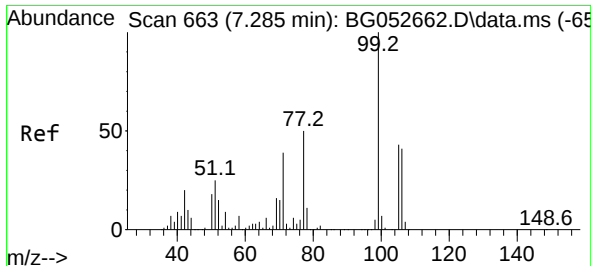
Ion Ratio Lower Upper

128 100

130 31.7 13.4 53.4

64 54.6 30.9 70.9





#9

Benzaldehyde

Concen: 37.521 ng

RT: 7.257 min Scan# 61

Delta R.T. -0.002 min

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Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

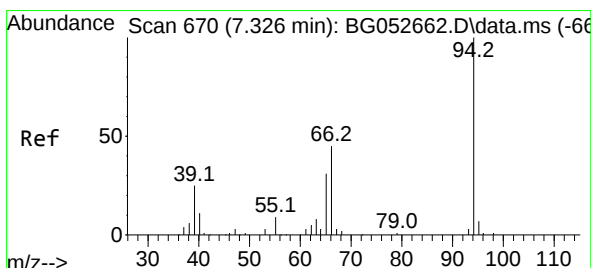
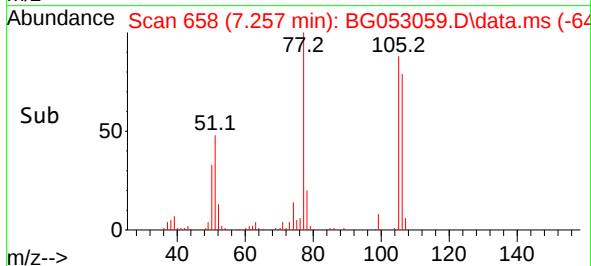
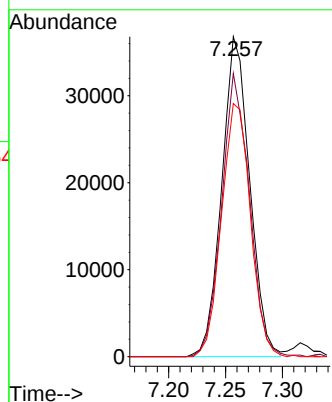
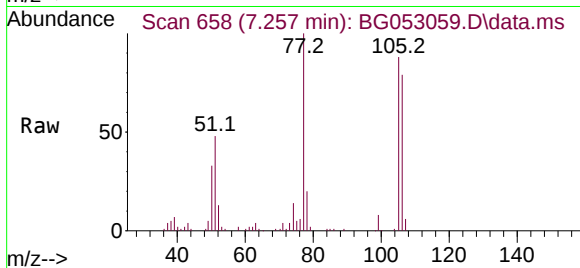
Tgt Ion: 77 Resp: 62908

Ion Ratio Lower Upper

77 100

105 88.5 70.6 110.6

106 79.1 67.6 107.6



#10

Phenol

Concen: 50.659 ng

RT: 7.316 min Scan# 668

Delta R.T. 0.010 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

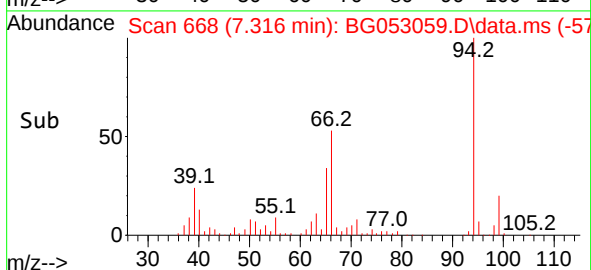
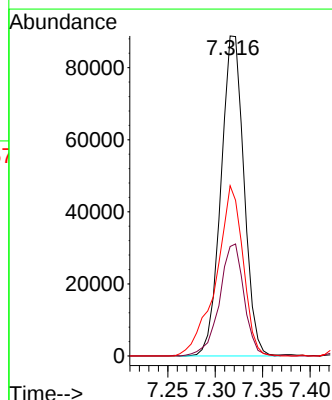
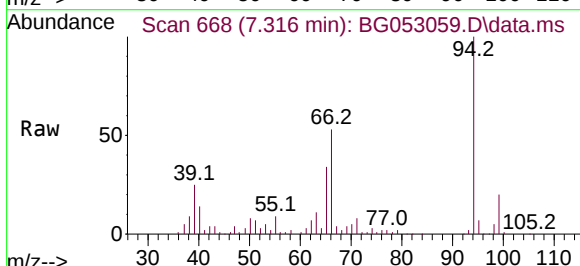
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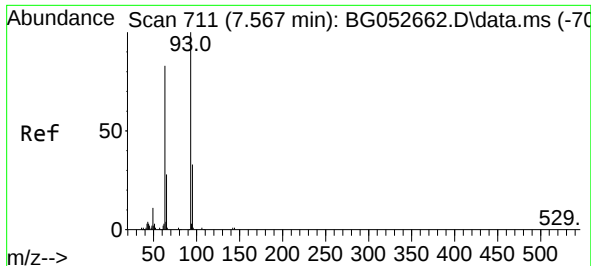
Ion Ratio Lower Upper

94 100

65 34.2 11.1 51.1

66 53.2 20.0 60.0

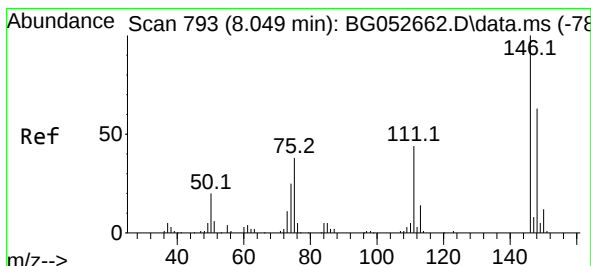
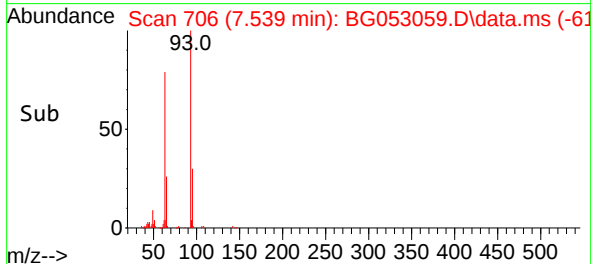
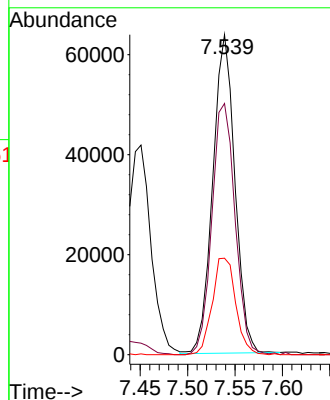
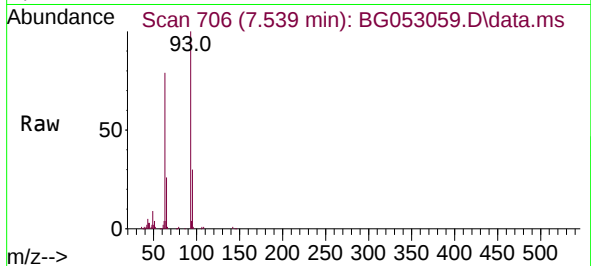




#11
bis(2-Chloroethyl)ether
Concen: 46.196 ng
RT: 7.539 min Scan# 706
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

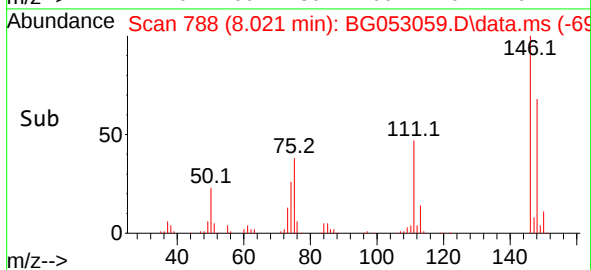
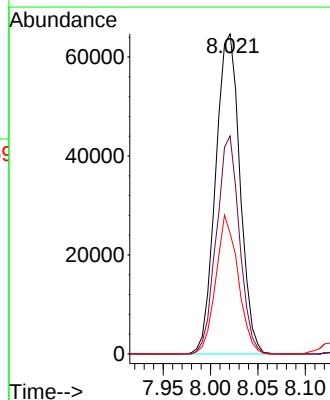
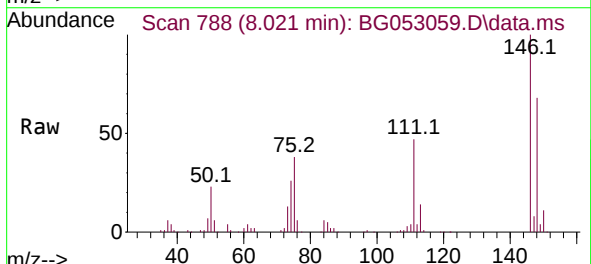
Instrument :
BNA_G
ClientSampleId :
TP-4MS

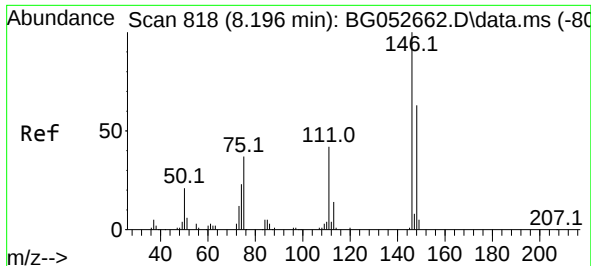
Tgt Ion: 93 Resp: 103307
Ion Ratio Lower Upper
93 100
63 78.5 56.9 96.9
95 30.1 14.5 54.5



#12
1,3-Dichlorobenzene
Concen: 45.869 ng
RT: 8.021 min Scan# 788
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:146 Resp: 115470
Ion Ratio Lower Upper
146 100
148 68.1 50.6 76.0
75 37.7 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 47.145 ng

RT: 8.162 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

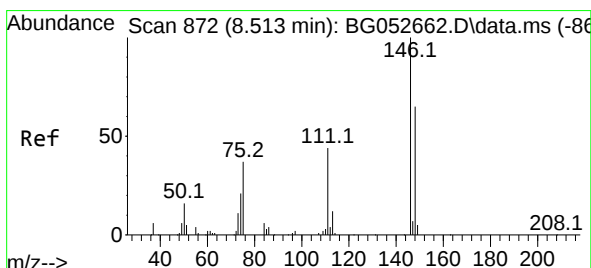
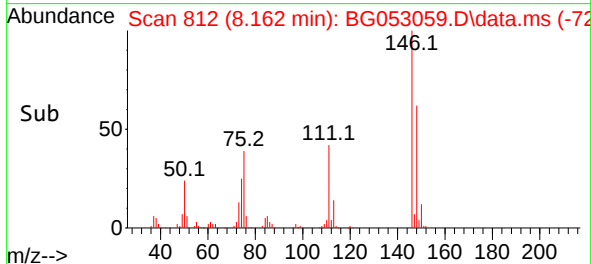
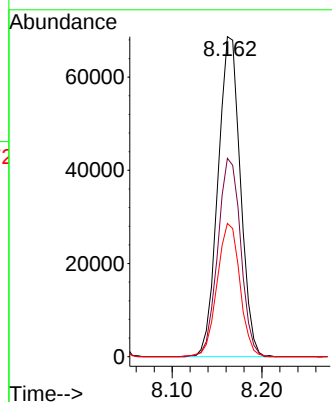
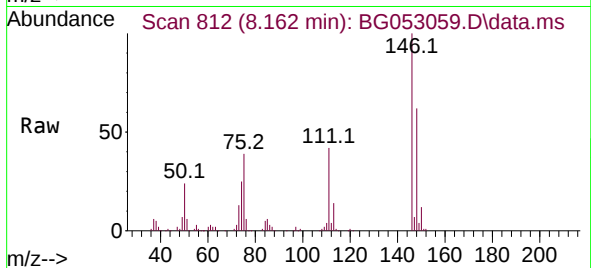
Tgt Ion:146 Resp: 119244

Ion Ratio Lower Upper

146 100

148 62.0 50.0 75.0

111 41.7 31.0 46.4



#14

1,2-Dichlorobenzene

Concen: 48.194 ng

RT: 8.485 min Scan# 867

Delta R.T. 0.004 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

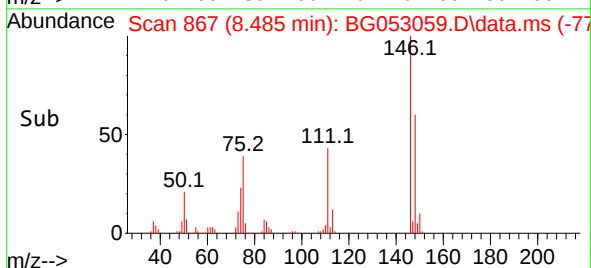
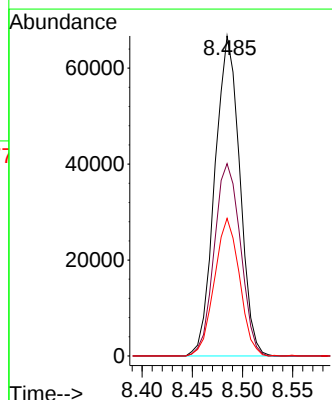
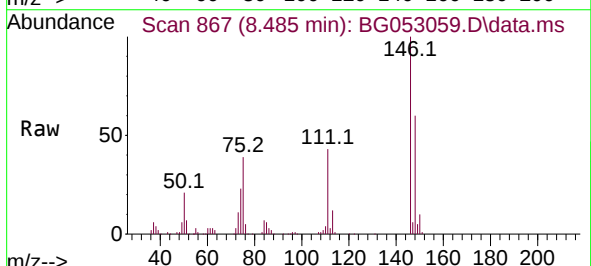
Tgt Ion:146 Resp: 115286

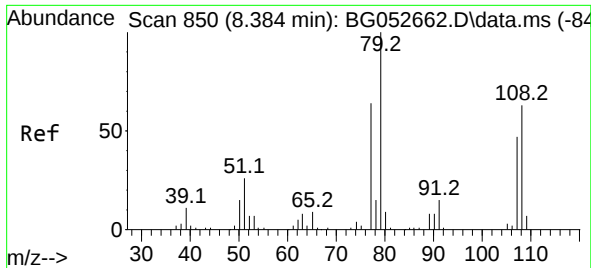
Ion Ratio Lower Upper

146 100

148 60.1 51.0 76.6

111 43.0 34.7 52.1

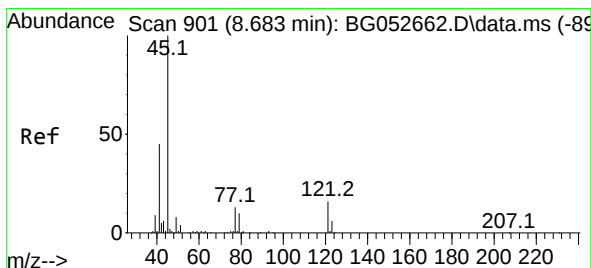
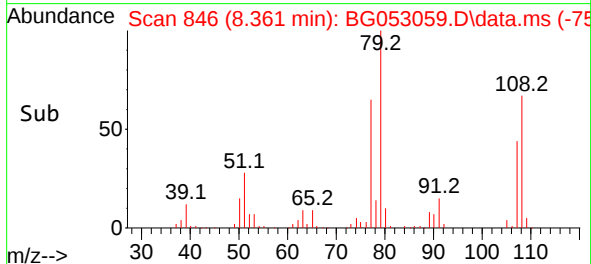
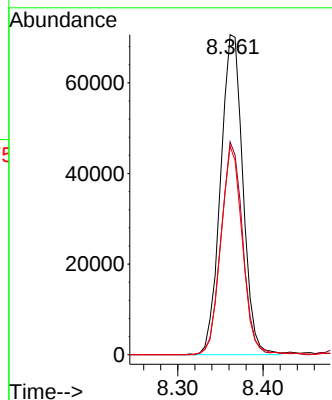
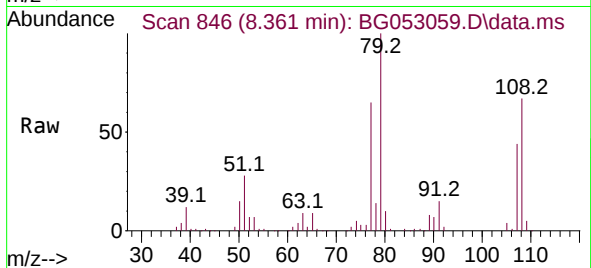




#15
Benzyl Alcohol
Concen: 50.846 ng
RT: 8.361 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

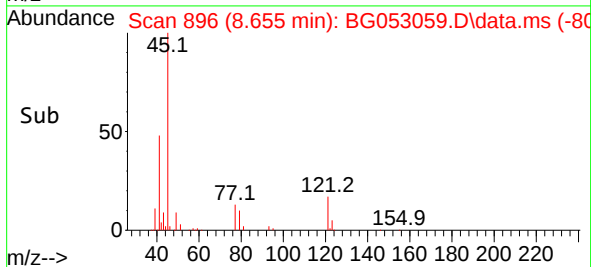
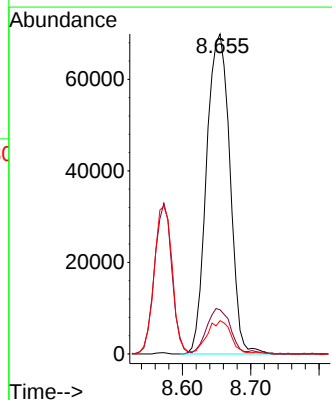
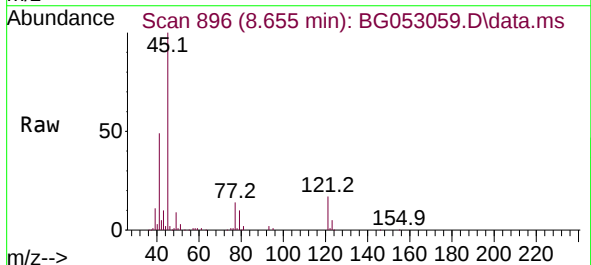
Instrument :
BNA_G
ClientSampleId :
TP-4MS

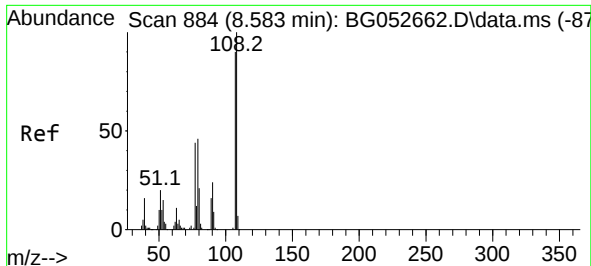
Tgt Ion: 79 Resp: 128431
Ion Ratio Lower Upper
79 100
108 66.5 55.1 82.7
77 65.1 52.4 78.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.643 ng
RT: 8.655 min Scan# 896
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion: 45 Resp: 166070
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.9
79 10.4 0.0 30.7





#17

2-Methylphenol

Concen: 52.197 ng

RT: 8.573 min Scan# 81

Delta R.T. 0.010 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

Tgt Ion:107 Resp: 103043

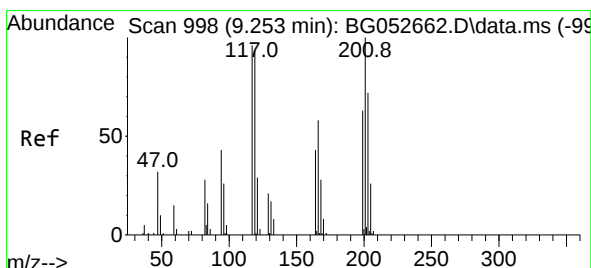
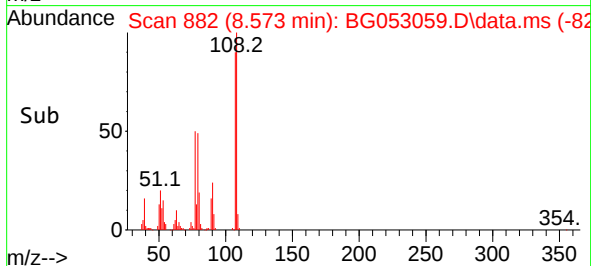
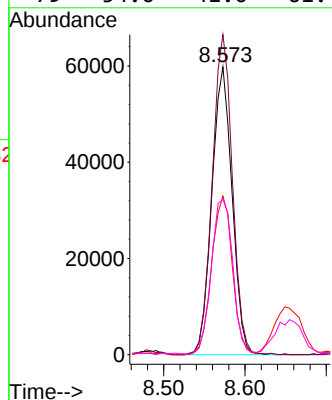
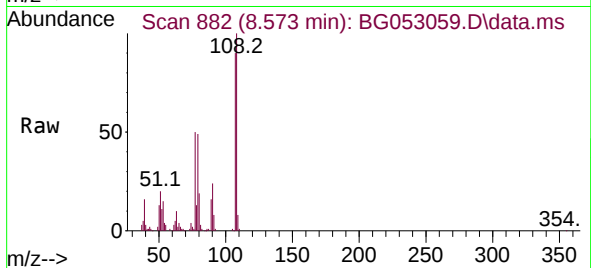
Ion Ratio Lower Upper

107 100

108 111.2 91.5 137.3

77 55.1 42.5 63.7

79 54.0 41.0 61.4



#18

Hexachloroethane

Concen: 48.877 ng

RT: 9.219 min Scan# 992

Delta R.T. -0.002 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

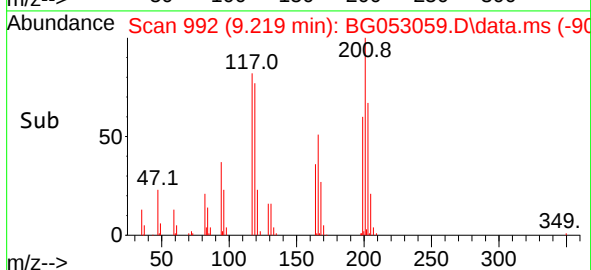
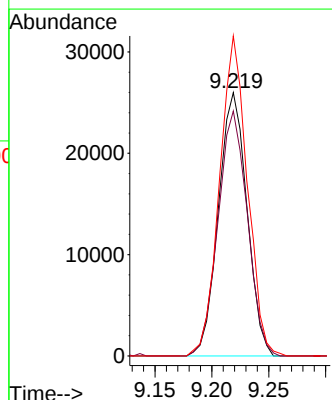
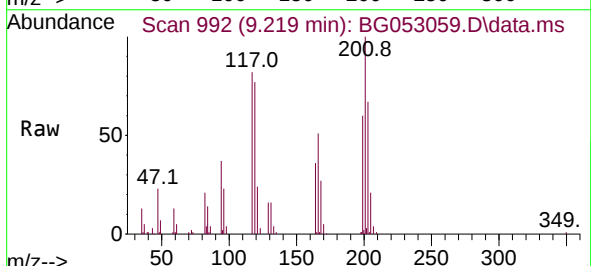
Tgt Ion:117 Resp: 45358

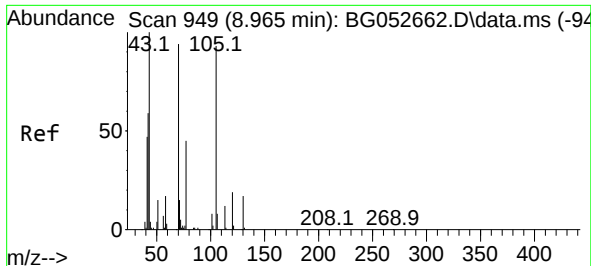
Ion Ratio Lower Upper

117 100

119 93.0 75.1 112.7

201 121.5 96.6 145.0

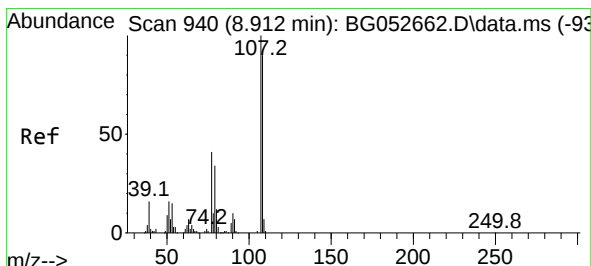
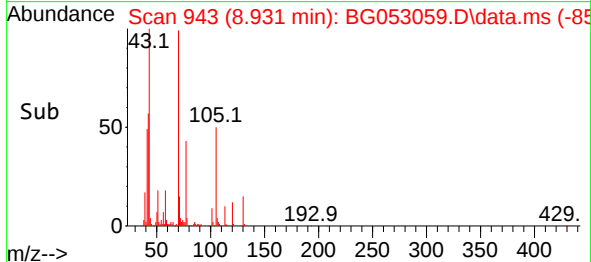
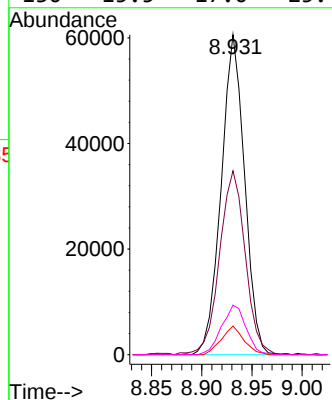
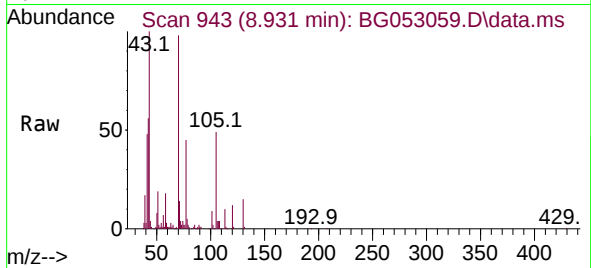




#19
n-Nitroso-di-n-propylamine
Concen: 46.128 ng
RT: 8.931 min Scan# 949
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

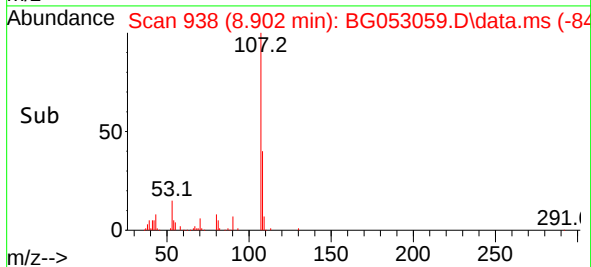
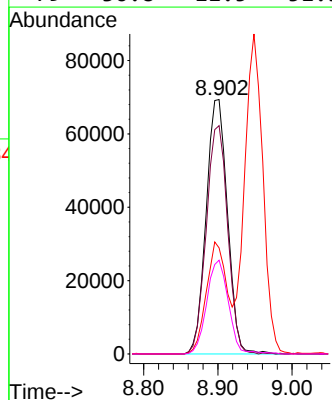
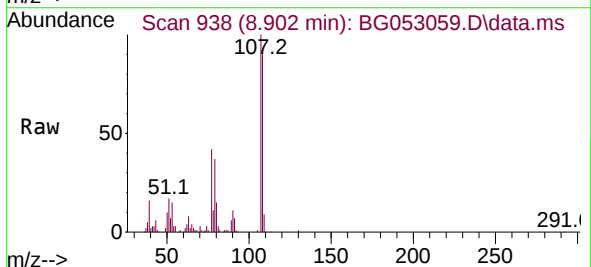
Instrument :
BNA_G
ClientSampleId :
TP-4MS

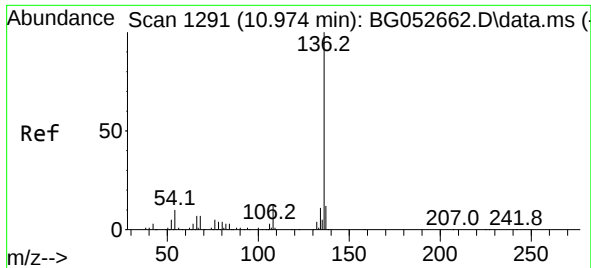
Tgt Ion: 70 Resp: 98007
Ion Ratio Lower Upper
70 100
42 57.5 46.0 69.0
101 8.9 6.2 9.4
130 15.5 17.0 25.4#



#20
3+4-Methylphenols
Concen: 50.202 ng
RT: 8.902 min Scan# 938
Delta R.T. 0.010 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion: 107 Resp: 138692
Ion Ratio Lower Upper
107 100
108 89.7 64.8 104.8
77 41.7 15.9 55.9
79 36.8 11.5 51.5



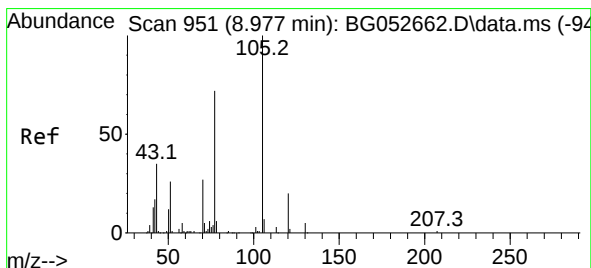
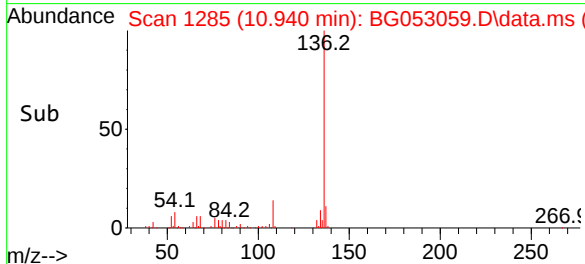
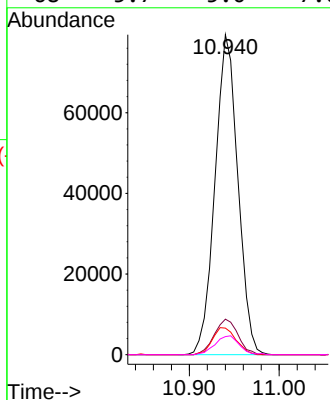
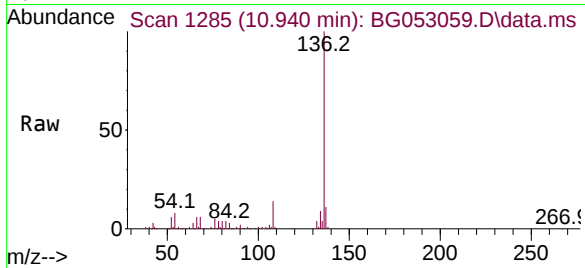


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Instrument :
BNA_G
ClientSampleId :
TP-4MS

Tgt Ion:136 Resp: 140215

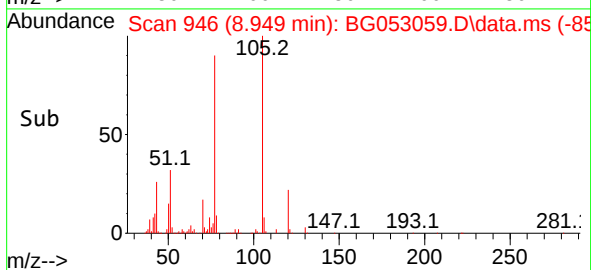
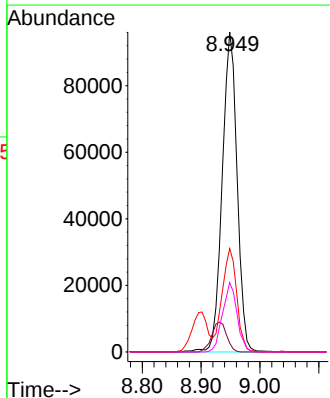
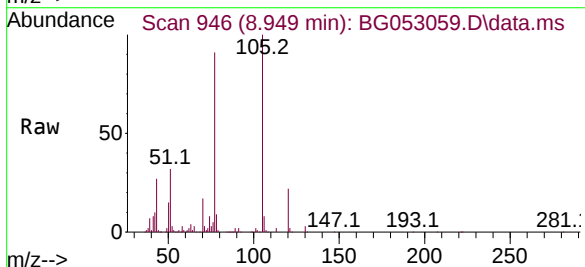
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.2
54	8.3	6.4	9.6
68	5.7	5.0	7.6

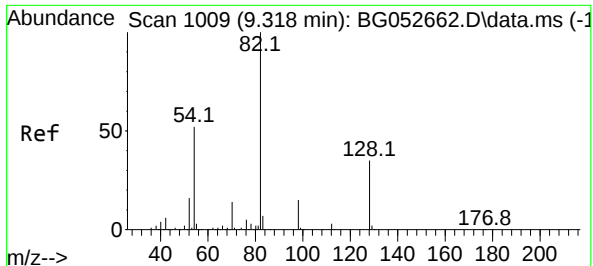


#22
Acetophenone
Concen: 46.410 ng
RT: 8.949 min Scan# 946
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:105 Resp: 168400

Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.1	3.1
51	32.3	21.9	32.9
120	21.7	15.3	22.9





#23

Nitrobenzene-d5

Concen: 74.991 ng

RT: 9.289 min Scan# 1004

Delta R.T. -0.002 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

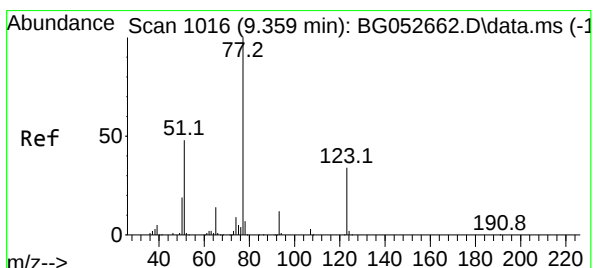
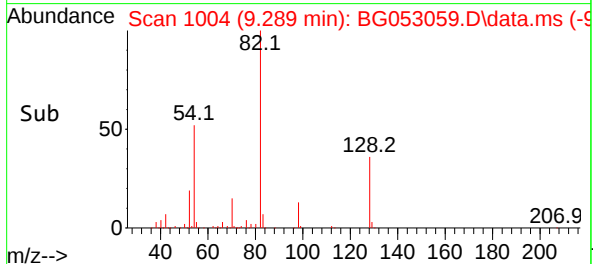
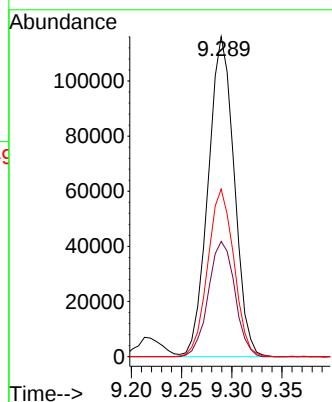
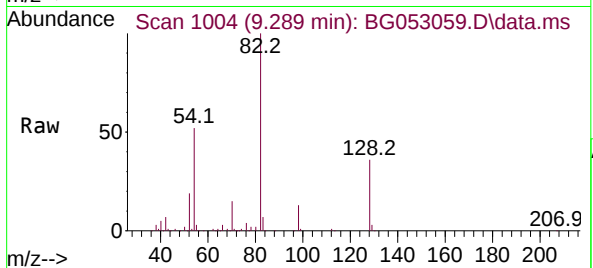
Tgt Ion: 82 Resp: 209501

Ion Ratio Lower Upper

82 100

128 36.0 31.3 46.9

54 52.3 37.8 56.8



#24

Nitrobenzene

Concen: 54.545 ng

RT: 9.331 min Scan# 1011

Delta R.T. -0.002 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

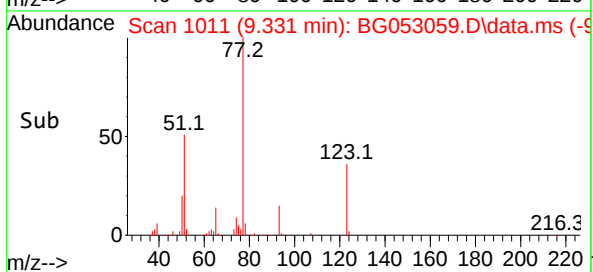
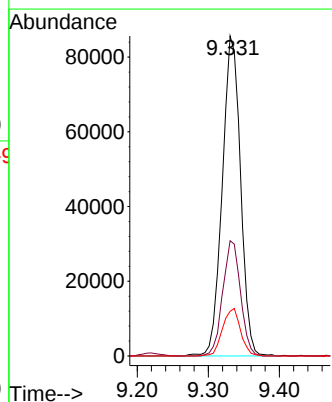
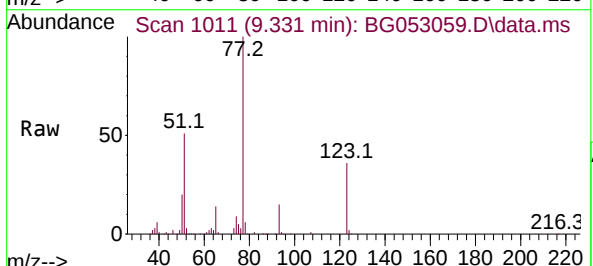
Tgt Ion: 77 Resp: 152467

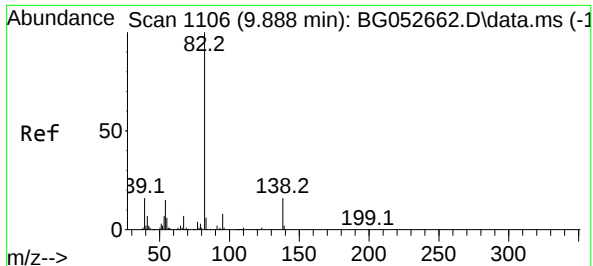
Ion Ratio Lower Upper

77 100

123 36.0 34.4 51.6

65 13.9 11.2 16.8

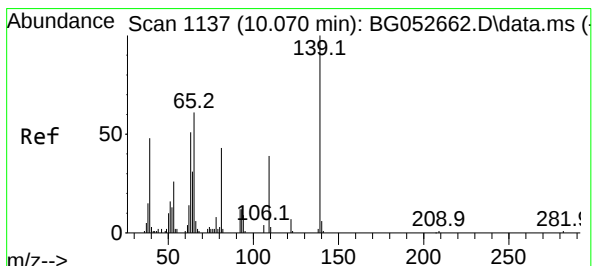
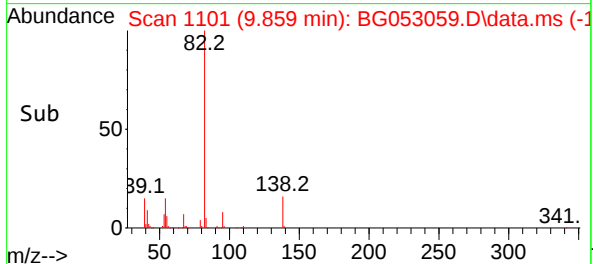
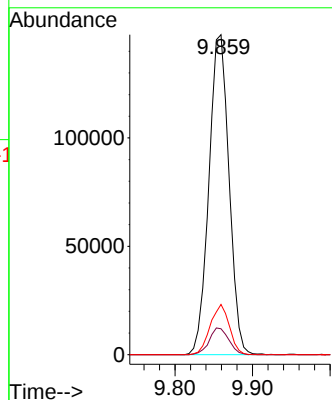
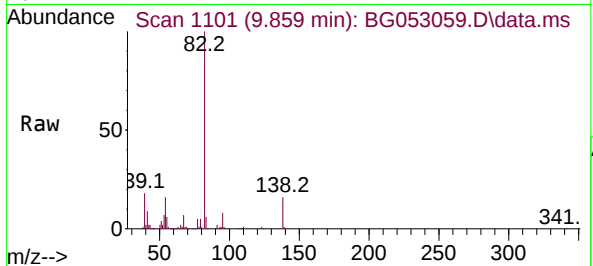




#25
Isophorone
Concen: 49.215 ng
RT: 9.859 min Scan# 1106
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

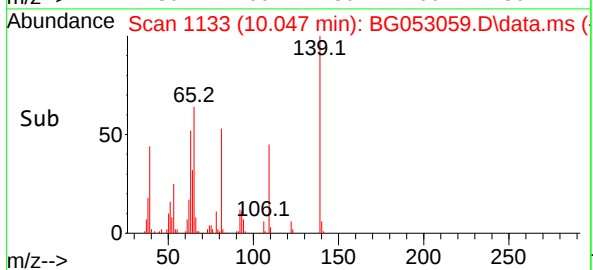
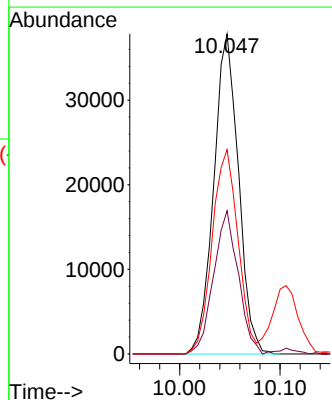
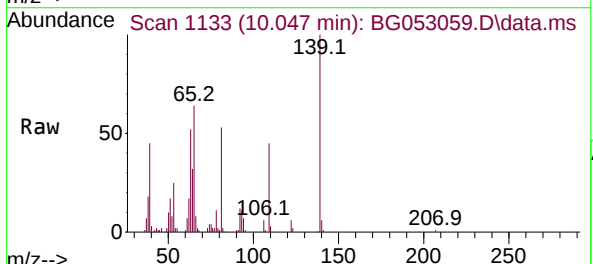
Instrument :
BNA_G
ClientSampleId :
TP-4MS

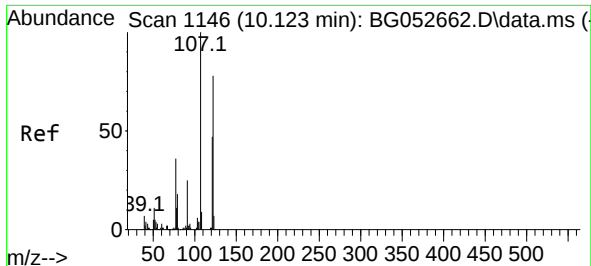
Tgt Ion: 82 Resp: 266224
Ion Ratio Lower Upper
82 100
95 8.1 5.8 8.6
138 15.7 12.6 18.8



#26
2-Nitrophenol
Concen: 66.710 ng
RT: 10.047 min Scan# 1133
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion: 139 Resp: 64756
Ion Ratio Lower Upper
139 100
109 44.8 29.4 44.0#
65 63.9 48.2 72.2

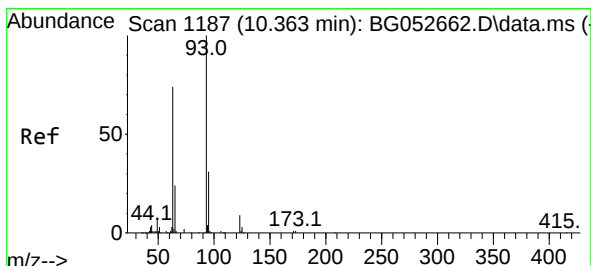
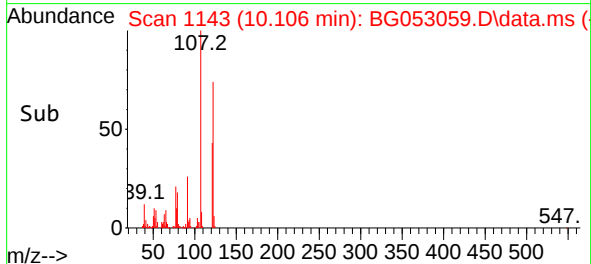
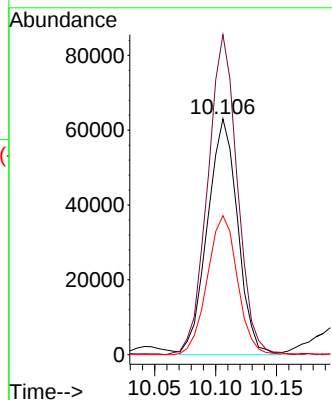
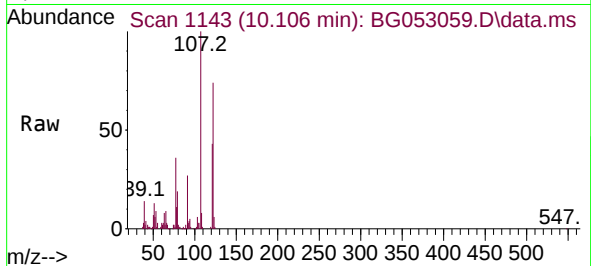




#27
2,4-Dimethylphenol
Concen: 54.791 ng
RT: 10.106 min Scan# 1143
Delta R.T. 0.010 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

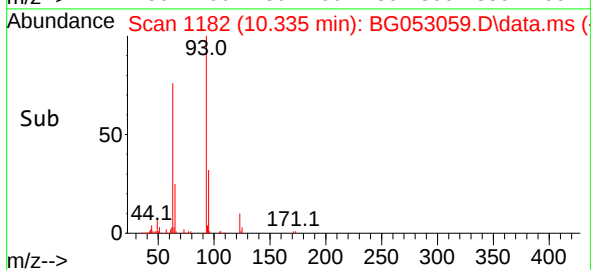
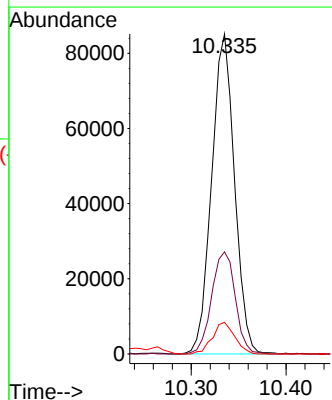
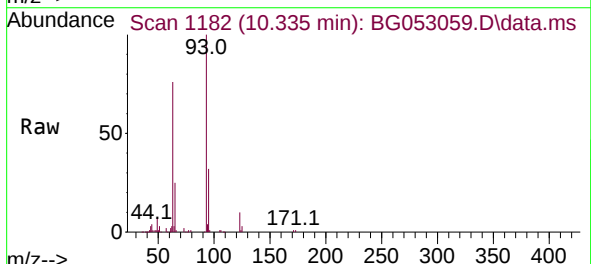
Instrument :
BNA_G
ClientSampleId :
TP-4MS

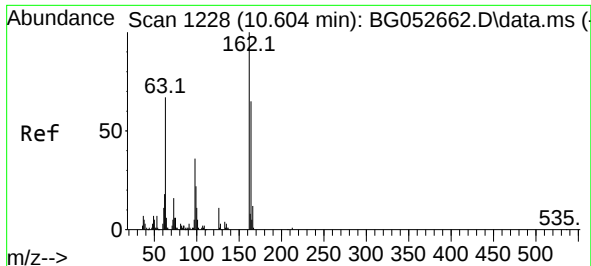
Tgt Ion:122 Resp: 108809
Ion Ratio Lower Upper
122 100
107 135.7 96.7 145.1
121 58.9 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 44.672 ng
RT: 10.335 min Scan# 1182
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion: 93 Resp: 142884
Ion Ratio Lower Upper
93 100
95 31.9 26.5 39.7
123 9.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 53.683 ng

RT: 10.588 min Scan# 1

Delta R.T. 0.010 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

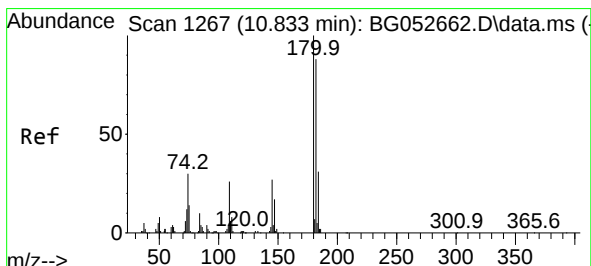
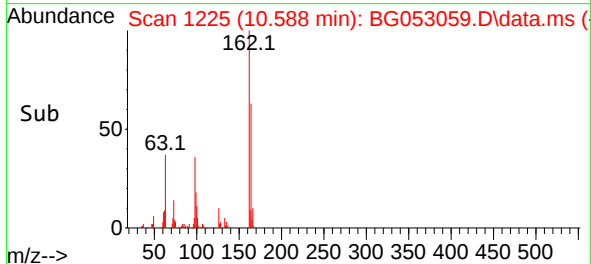
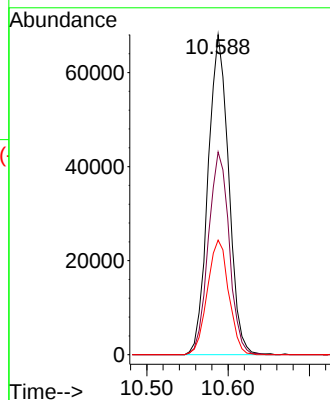
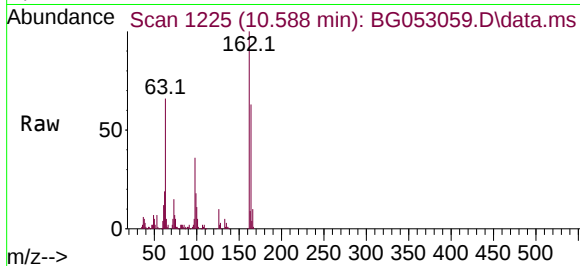
Tgt Ion:162 Resp: 119961

Ion Ratio Lower Upper

162 100

164 63.4 44.0 84.0

98 35.8 17.3 57.3



#30

1,2,4-Trichlorobenzene

Concen: 48.738 ng

RT: 10.805 min Scan# 1262

Delta R.T. 0.004 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

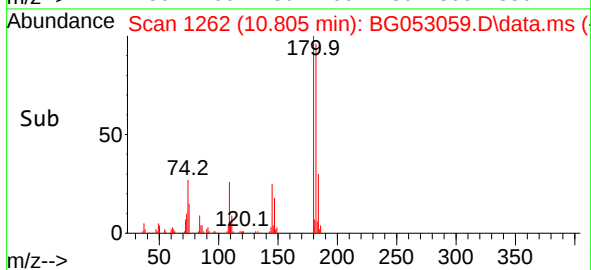
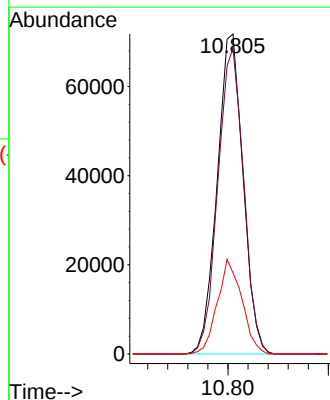
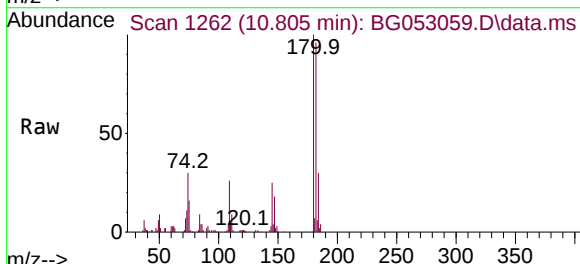
Tgt Ion:180 Resp: 128479

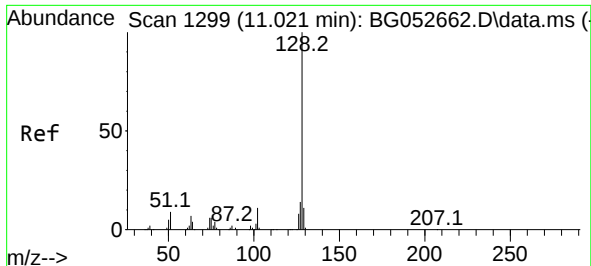
Ion Ratio Lower Upper

180 100

182 95.5 77.8 116.6

145 25.3 24.4 36.6

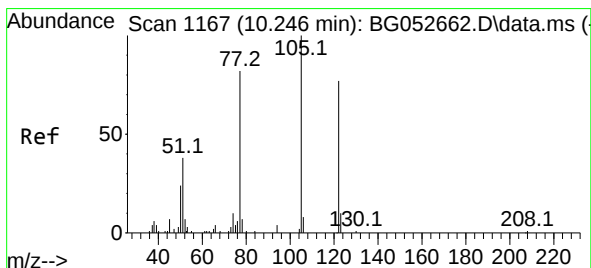
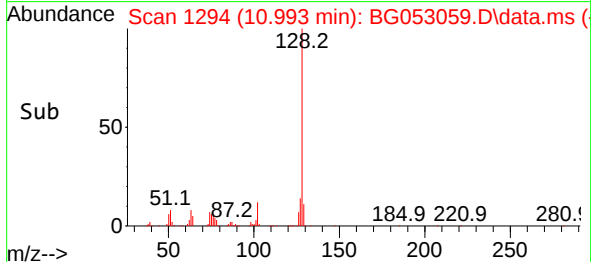
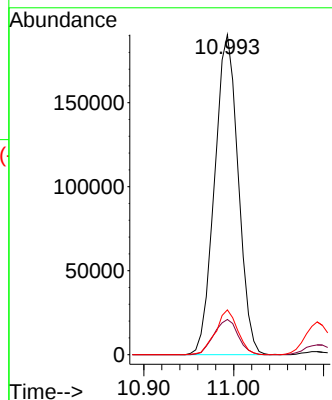
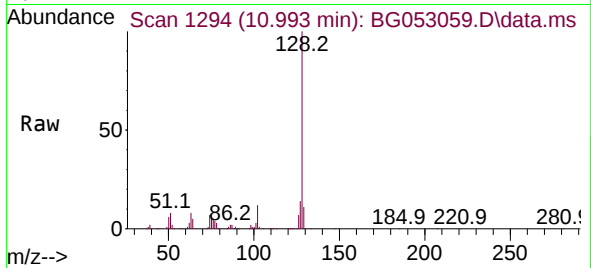




#31
Naphthalene
Concen: 47.888 ng
RT: 10.993 min Scan# 1169
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

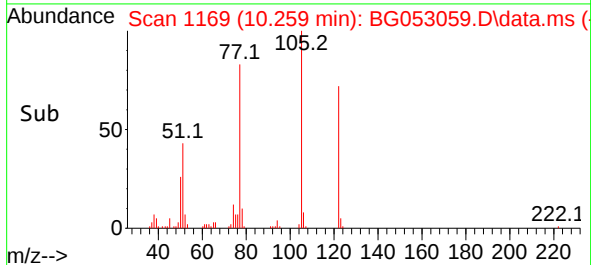
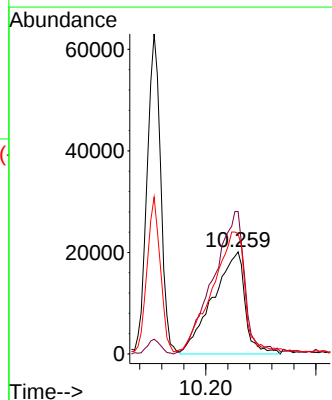
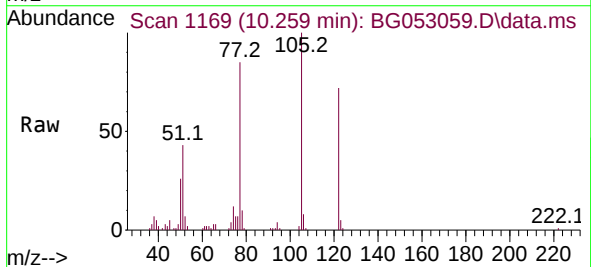
Instrument :
BNA_G
ClientSampleId :
TP-4MS

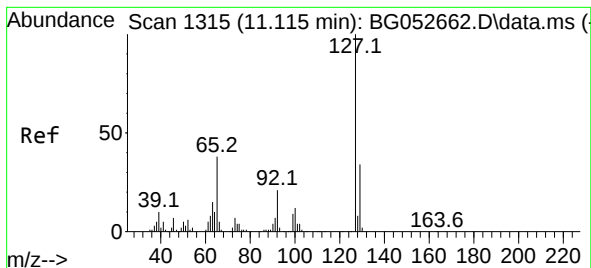
Tgt Ion:128 Resp: 347220
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 14.0 10.5 15.7



#32
Benzoic acid
Concen: 54.434 ng
RT: 10.259 min Scan# 1169
Delta R.T. 0.022 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:122 Resp: 81545
Ion Ratio Lower Upper
122 100
105 139.5 112.8 152.8
77 117.9 78.4 118.4





#33

4-Chloroaniline

Concen: 12.430 ng

RT: 11.093 min Scan# 11

Delta R.T. 0.004 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

Tgt Ion:127 Resp: 38198

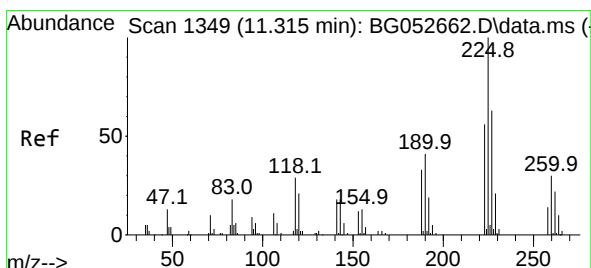
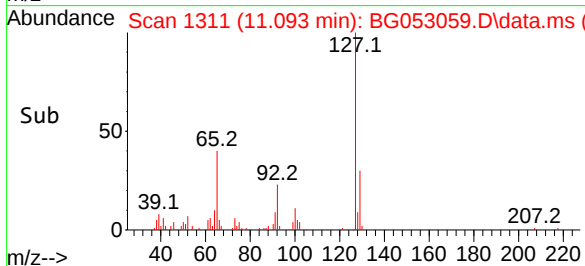
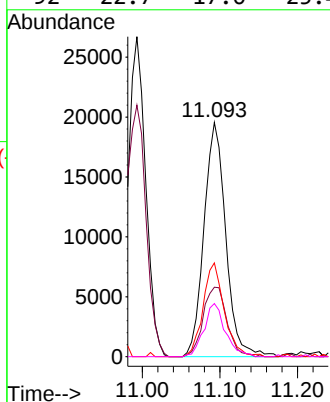
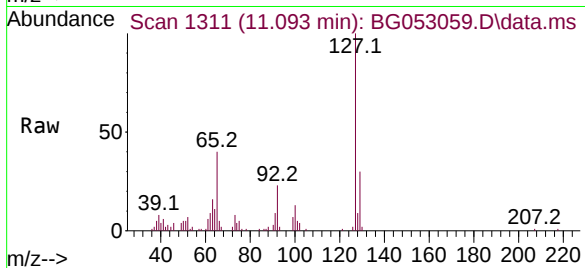
Ion Ratio Lower Upper

127 100

129 29.7 27.6 41.4

65 40.0 28.2 42.4

92 22.7 17.0 25.4



#34

Hexachlorobutadiene

Concen: 48.702 ng

RT: 11.281 min Scan# 1343

Delta R.T. 0.004 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

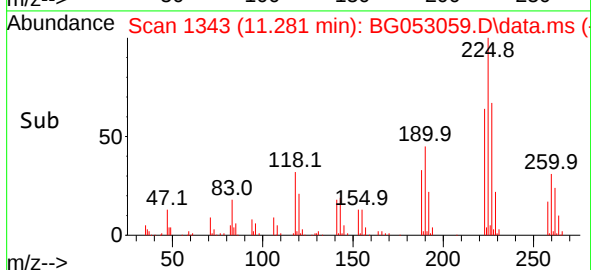
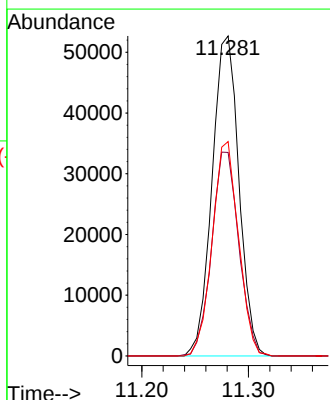
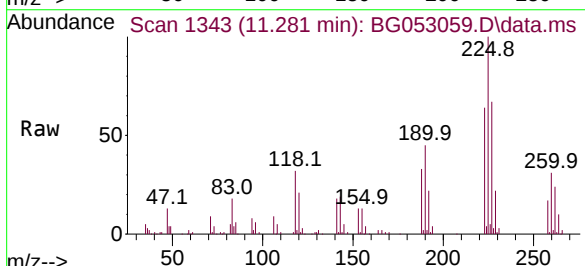
Tgt Ion:225 Resp: 92048

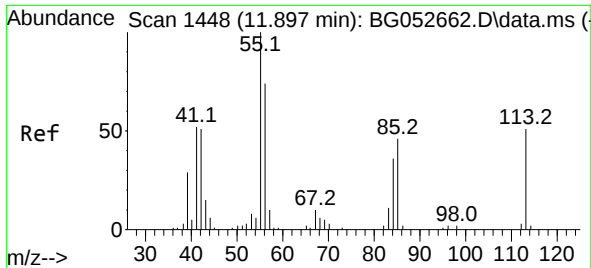
Ion Ratio Lower Upper

225 100

223 63.6 50.2 75.2

227 67.0 52.0 78.0

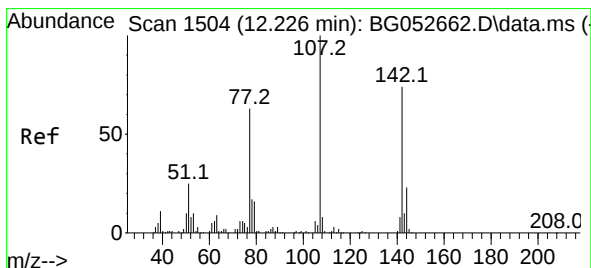
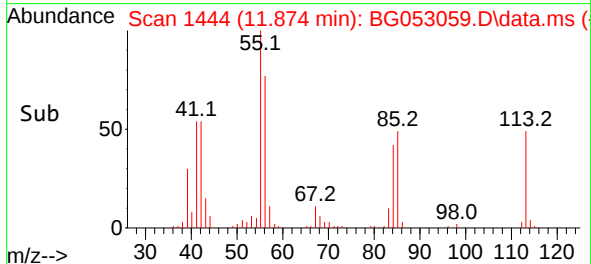
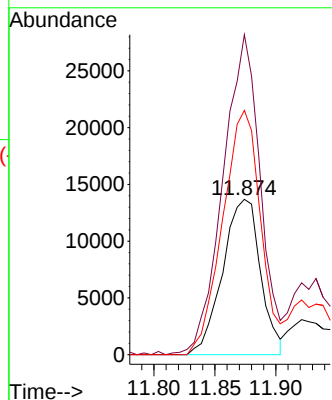
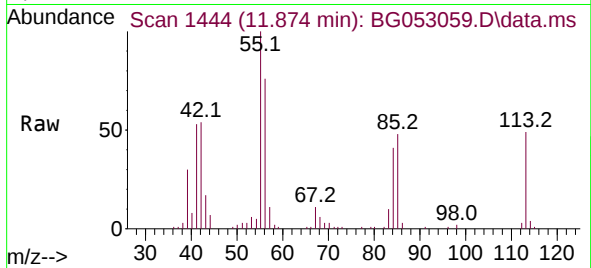




#35
Caprolactam
Concen: 48.418 ng
RT: 11.874 min Scan# 1444
Delta R.T. 0.016 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

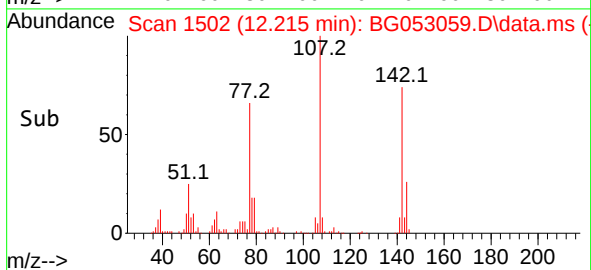
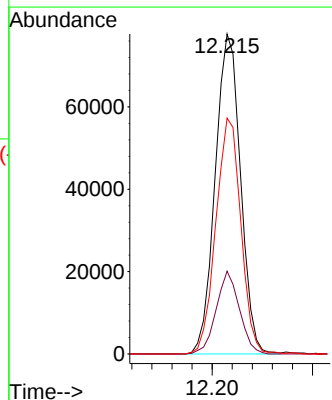
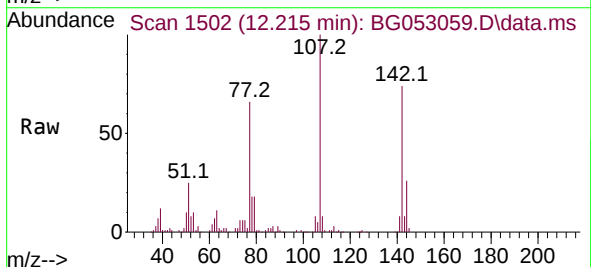
Instrument :
BNA_G
ClientSampleId :
TP-4MS

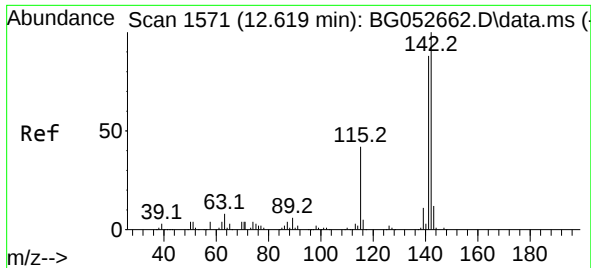
Tgt Ion:113 Resp: 29543
Ion Ratio Lower Upper
113 100
55 206.1 151.3 191.3#
56 157.4 128.5 168.5



#36
4-Chloro-3-methylphenol
Concen: 52.391 ng
RT: 12.215 min Scan# 1502
Delta R.T. 0.010 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:107 Resp: 135951
Ion Ratio Lower Upper
107 100
144 25.9 21.4 32.0
142 73.7 61.7 92.5

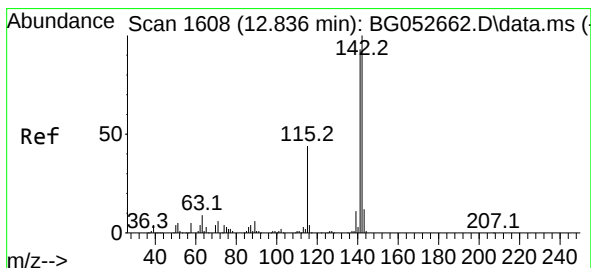
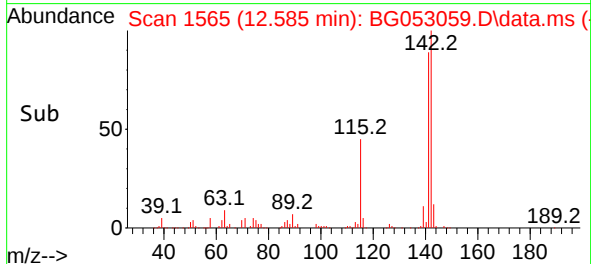
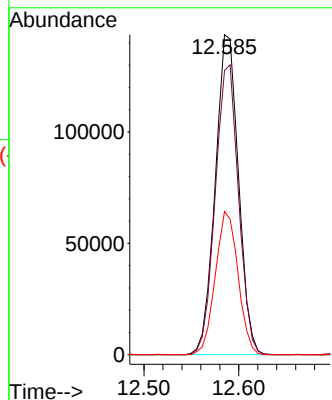
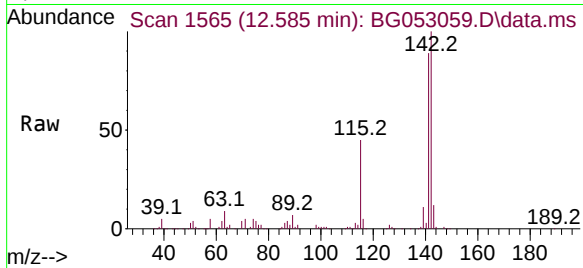




#37
2-Methylnaphthalene
Concen: 46.038 ng
RT: 12.585 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

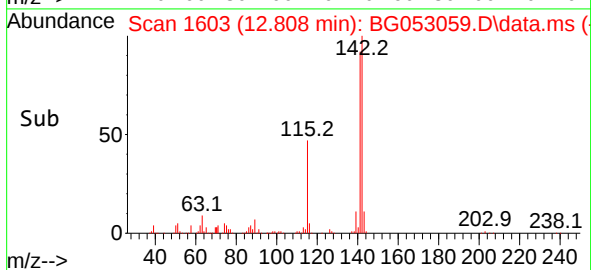
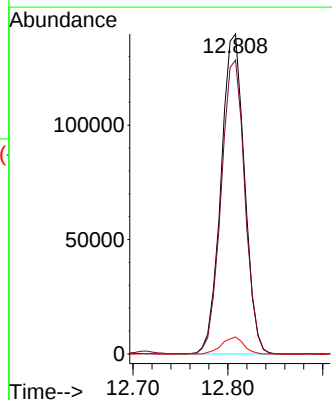
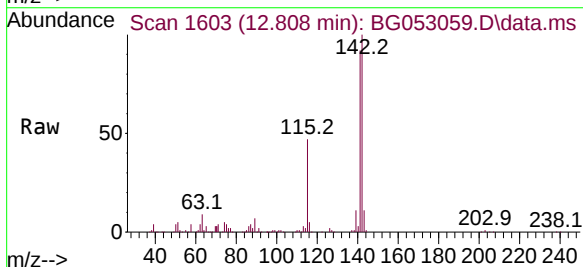
Instrument :
BNA_G
ClientSampleId :
TP-4MS

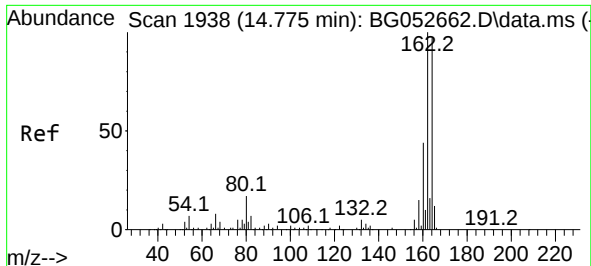
Tgt Ion:142 Resp: 244461
Ion Ratio Lower Upper
142 100
141 88.8 71.3 106.9
115 44.7 29.5 44.3#



#38
1-Methylnaphthalene
Concen: 46.433 ng
RT: 12.808 min Scan# 1603
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:142 Resp: 240634
Ion Ratio Lower Upper
142 100
141 91.8 70.5 105.7
116 5.3 3.1 4.7#

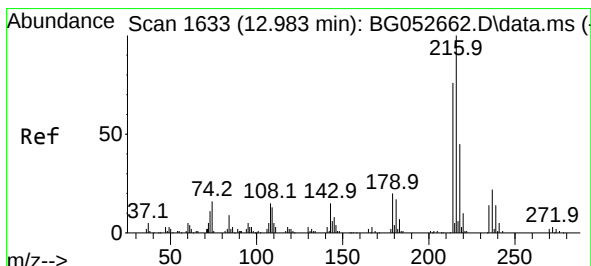
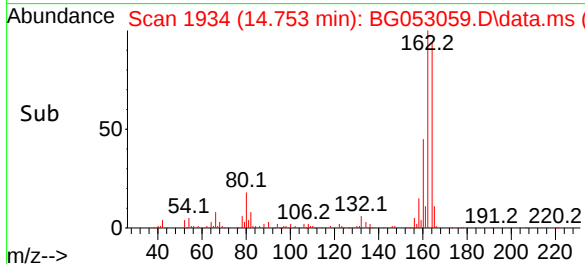
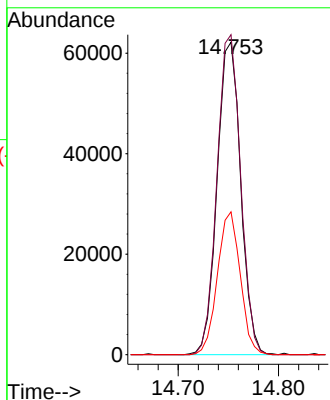
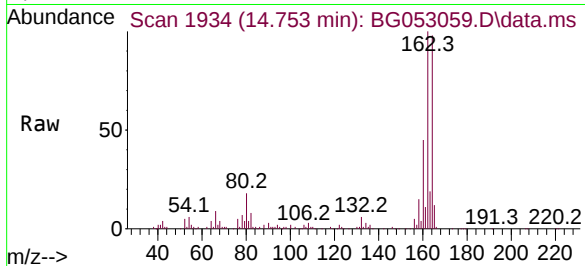




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.753 min Scan# 14
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

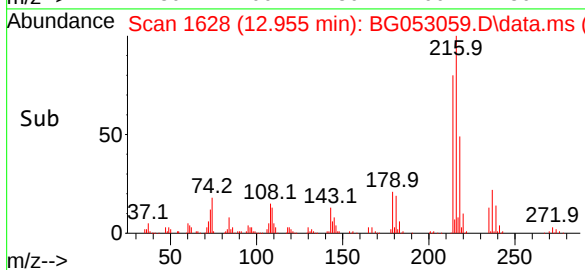
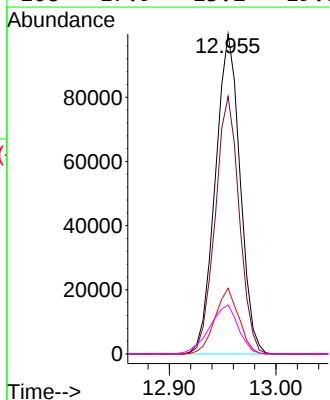
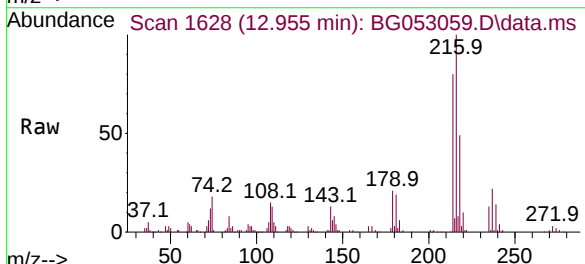
Instrument :
BNA_G
ClientSampleId :
TP-4MS

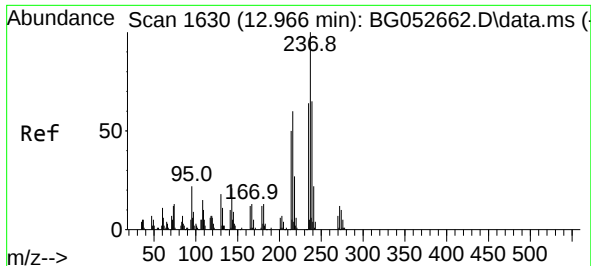
Tgt Ion:164 Resp: 101569
Ion Ratio Lower Upper
164 100
162 102.4 80.0 120.0
160 45.7 38.8 58.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.564 ng
RT: 12.955 min Scan# 1628
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:216 Resp: 160451
Ion Ratio Lower Upper
216 100
214 78.3 63.8 95.6
179 19.7 15.7 23.5
108 17.9 13.2 19.8

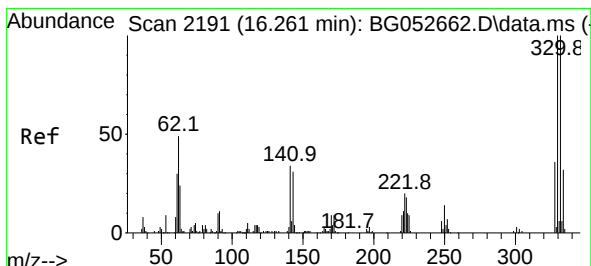
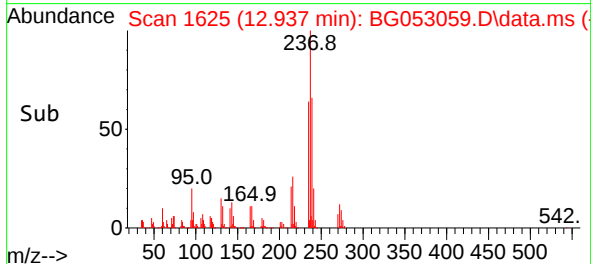
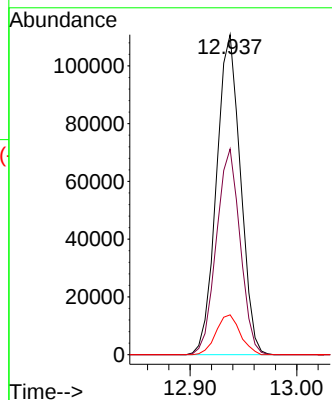
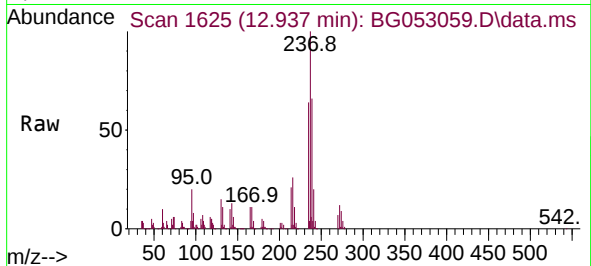




#41
Hexachlorocyclopentadiene
Concen: 92.114 ng
RT: 12.937 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

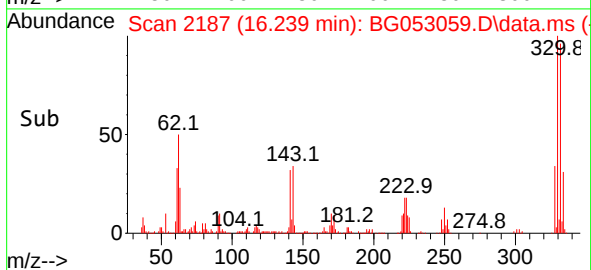
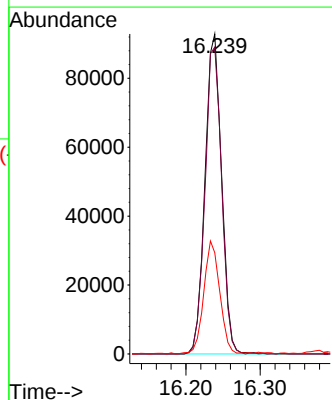
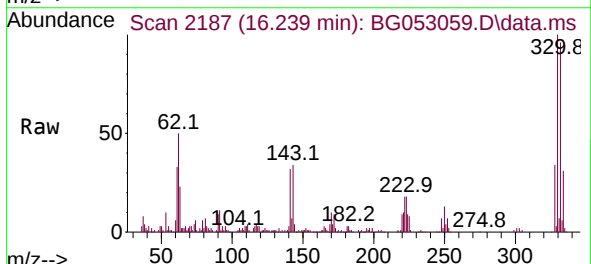
Instrument :
BNA_G
ClientSampleId :
TP-4MS

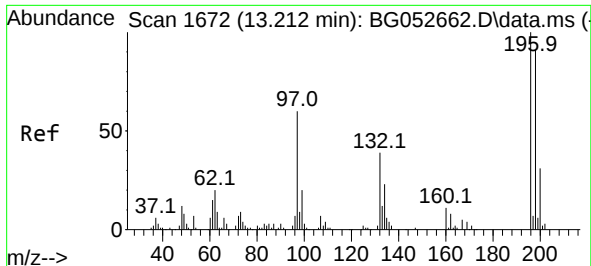
Tgt Ion:237 Resp: 173261
Ion Ratio Lower Upper
237 100
235 64.3 37.7 77.7
272 12.5 0.0 30.7



#42
2,4,6-Tribromophenol
Concen: 105.438 ng
RT: 16.239 min Scan# 2187
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:330 Resp: 143904
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 34.2 24.6 36.8

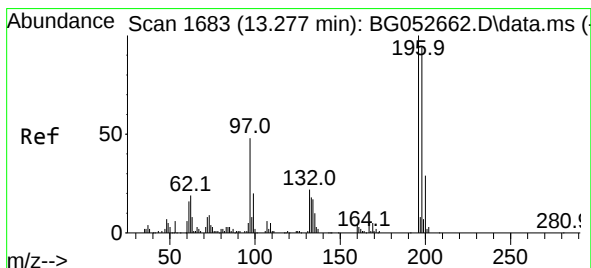
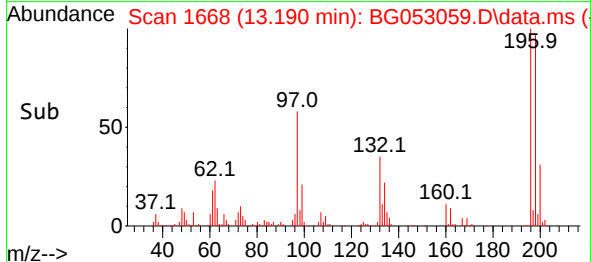
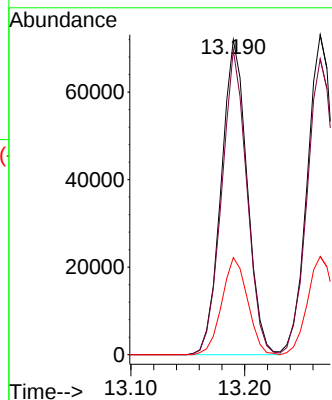
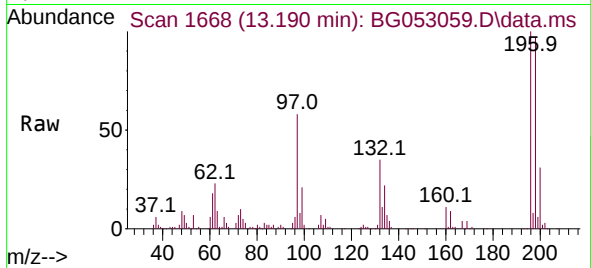




#43
2,4,6-Trichlorophenol
Concen: 56.089 ng
RT: 13.190 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

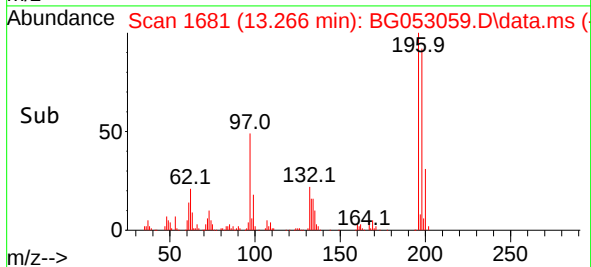
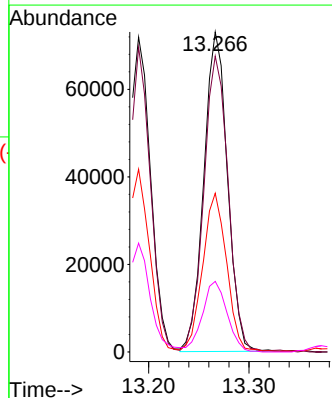
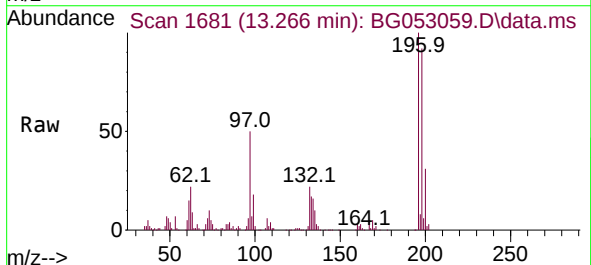
Instrument :
BNA_G
ClientSampleId :
TP-4MS

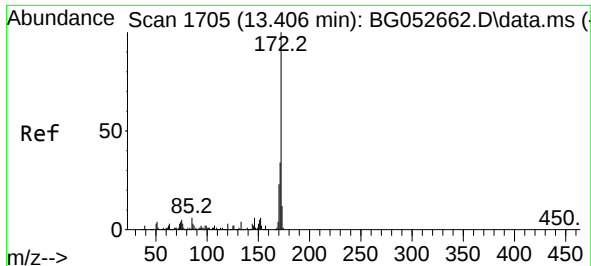
Tgt Ion:196 Resp: 113981
Ion Ratio Lower Upper
196 100
198 96.8 78.8 118.2
200 30.8 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 58.021 ng
RT: 13.266 min Scan# 1681
Delta R.T. 0.010 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:196 Resp: 119675
Ion Ratio Lower Upper
196 100
198 92.4 75.8 113.6
97 49.6 36.5 54.7
132 22.0 18.1 27.1

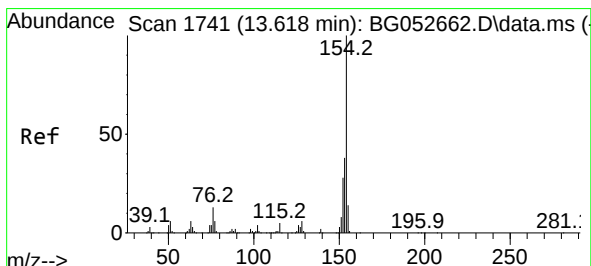
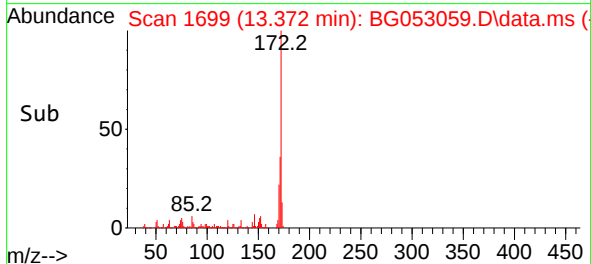
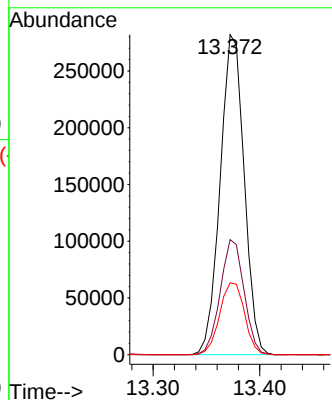
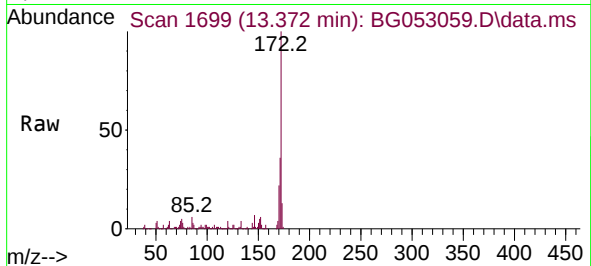




#45
2-Fluorobiphenyl
Concen: 63.952 ng
RT: 13.372 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

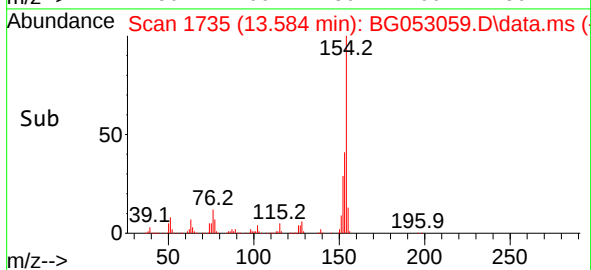
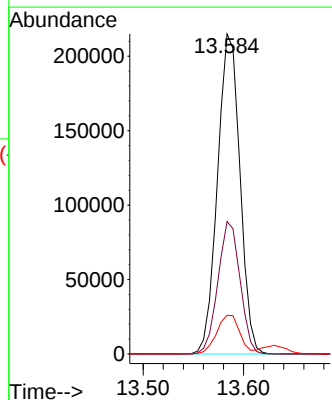
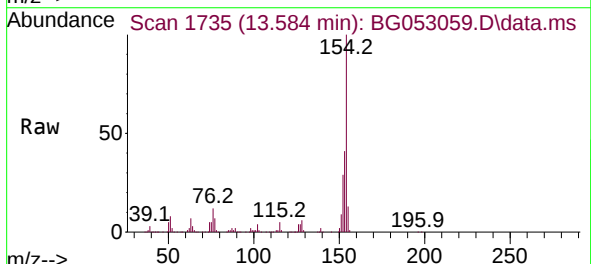
Instrument :
BNA_G
ClientSampleId :
TP-4MS

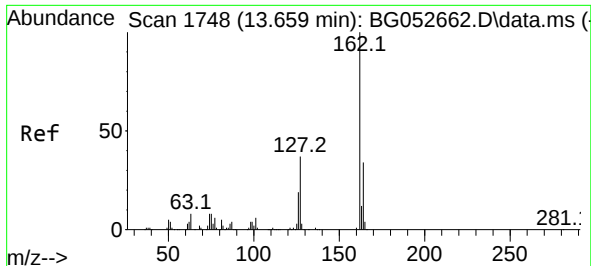
Tgt Ion:172 Resp: 440423
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 22.5 18.0 27.0



#46
1,1'-Biphenyl
Concen: 46.937 ng
RT: 13.584 min Scan# 1735
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:154 Resp: 333398
Ion Ratio Lower Upper
154 100
153 41.4 21.6 61.6
76 12.1 0.0 31.5

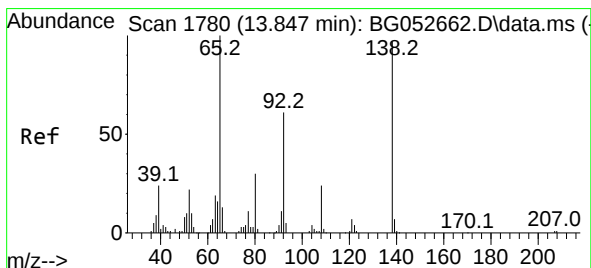
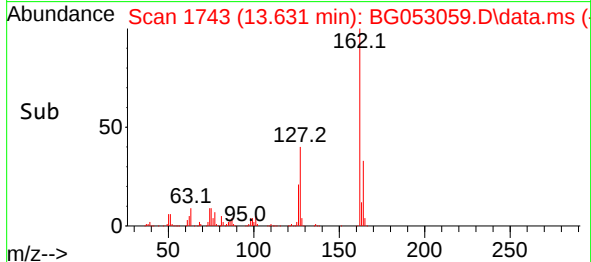
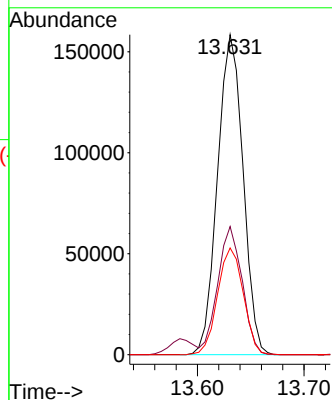
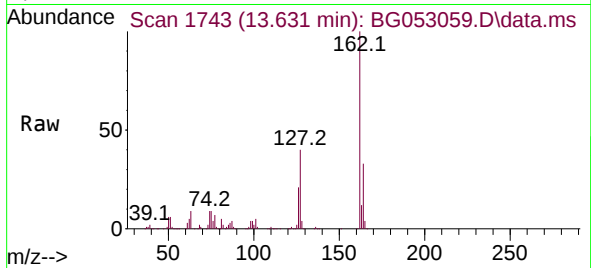




#47
2-Chloronaphthalene
Concen: 47.111 ng
RT: 13.631 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

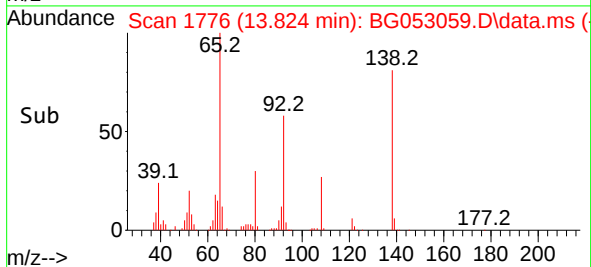
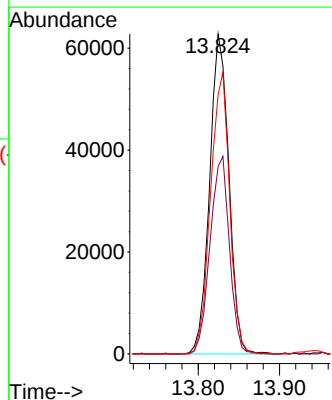
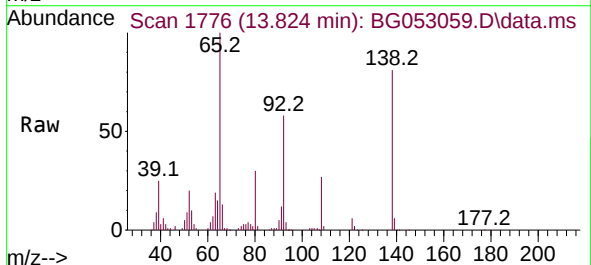
Instrument :
BNA_G
ClientSampleId :
TP-4MS

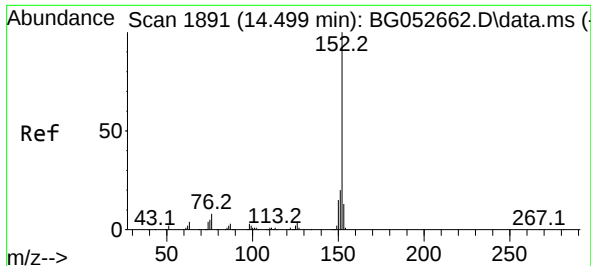
Tgt Ion:162 Resp: 263531
Ion Ratio Lower Upper
162 100
127 40.1 28.1 42.1
164 33.4 26.0 39.0



#48
2-Nitroaniline
Concen: 67.355 ng
RT: 13.824 min Scan# 1776
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion: 65 Resp: 103042
Ion Ratio Lower Upper
65 100
92 58.5 52.1 78.1
138 81.1 80.1 120.1

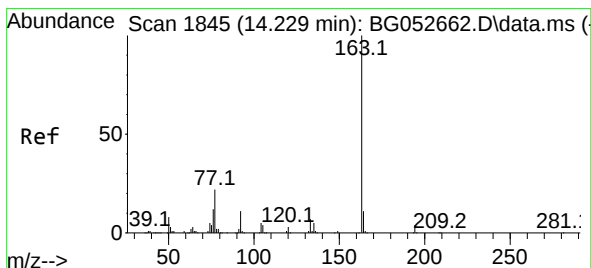
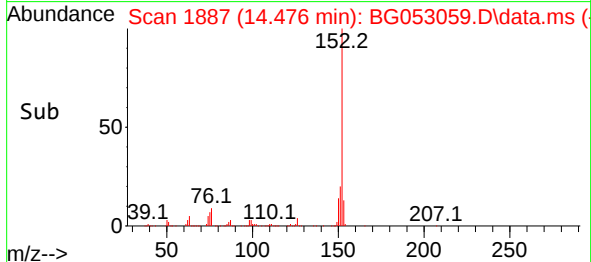
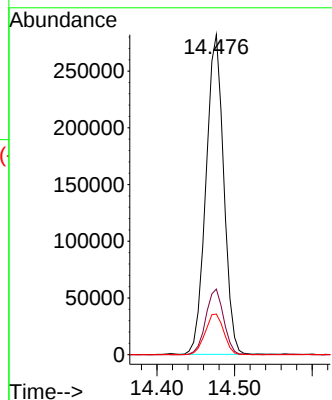
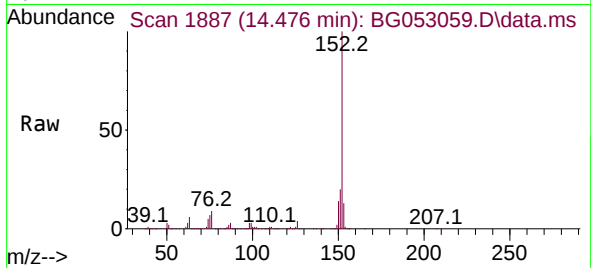




#49
Acenaphthylene
Concen: 50.177 ng
RT: 14.476 min Scan# 1887
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

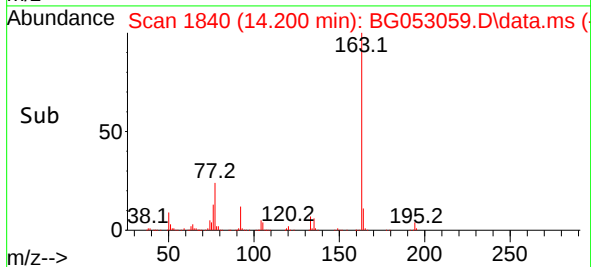
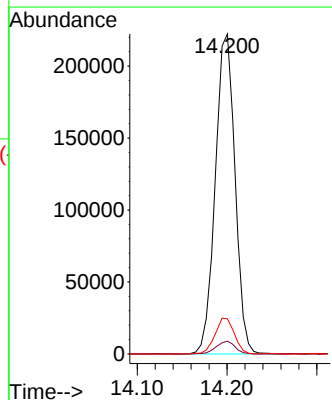
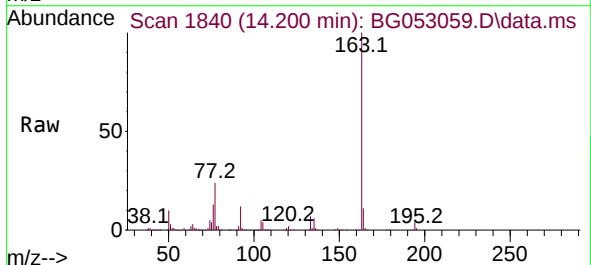
Instrument :
BNA_G
ClientSampleId :
TP-4MS

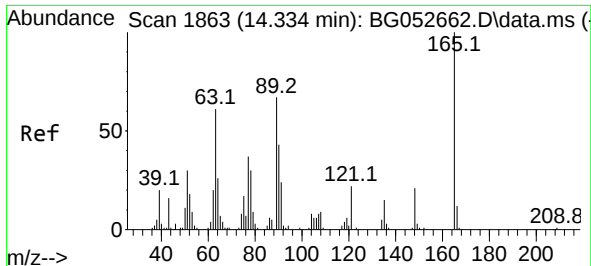
Tgt Ion:152 Resp: 447435
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.6
153 12.7 10.6 15.8



#50
Dimethylphthalate
Concen: 44.946 ng
RT: 14.200 min Scan# 1840
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:163 Resp: 339285
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 11.0 8.5 12.7

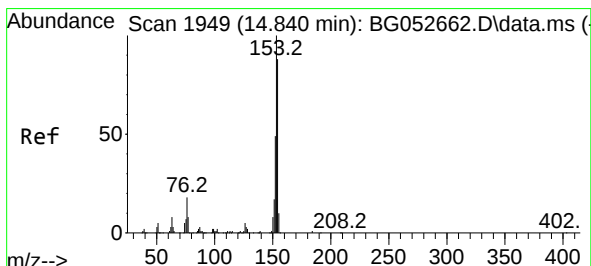
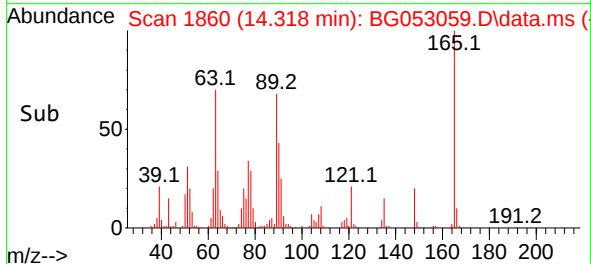
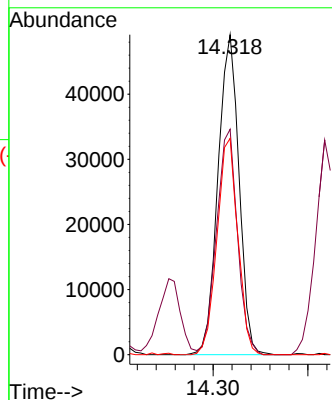
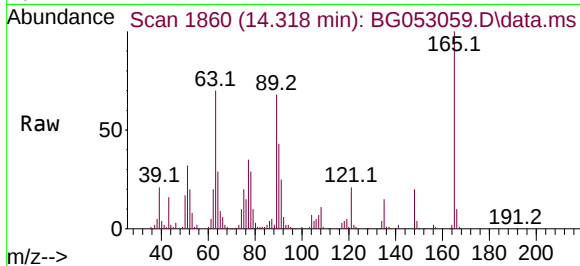




#51
2,6-Dinitrotoluene
Concen: 59.315 ng
RT: 14.318 min Scan# 1860
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

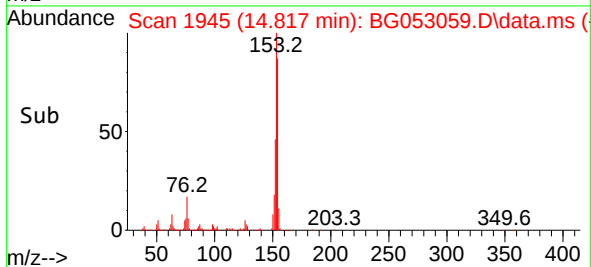
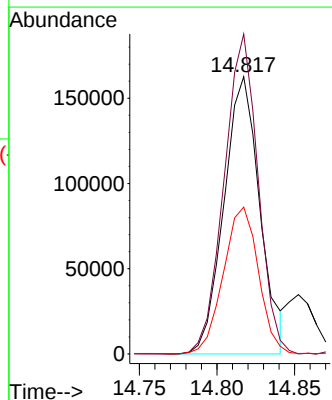
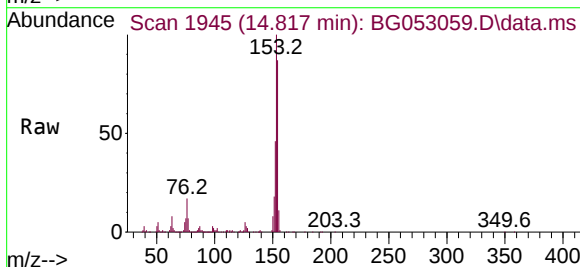
Instrument :
BNA_G
ClientSampleId :
TP-4MS

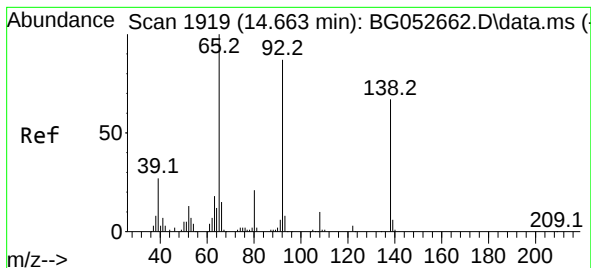
Tgt Ion:165 Resp: 75597
Ion Ratio Lower Upper
165 100
63 70.5 43.7 65.5#
89 67.6 45.0 67.4#



#52
Acenaphthene
Concen: 45.789 ng
RT: 14.817 min Scan# 1945
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:154 Resp: 261573
Ion Ratio Lower Upper
154 100
153 115.4 89.0 133.4
152 53.0 40.5 60.7

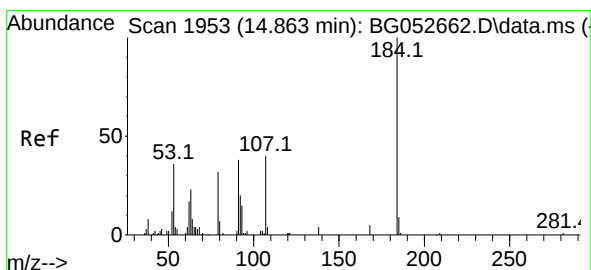
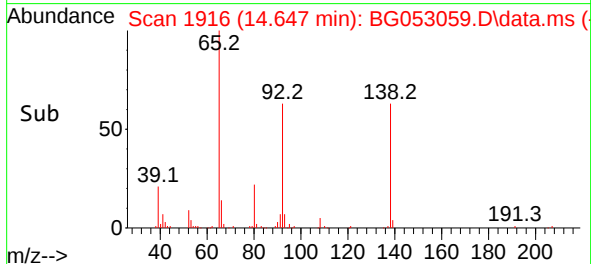
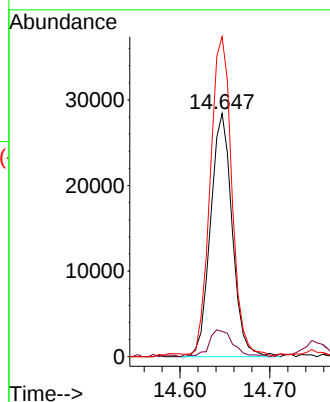
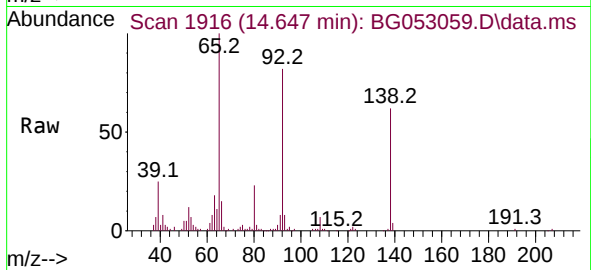




#53
3-Nitroaniline
Concen: 31.844 ng
RT: 14.647 min Scan# 1916
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

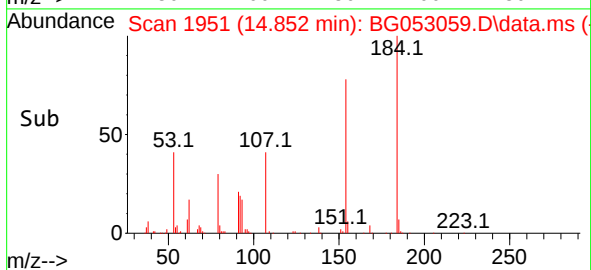
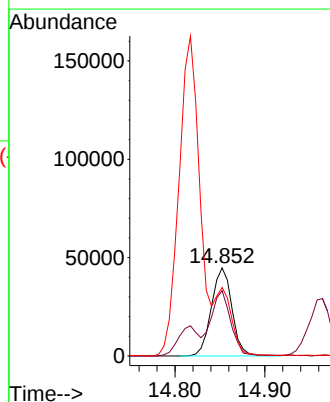
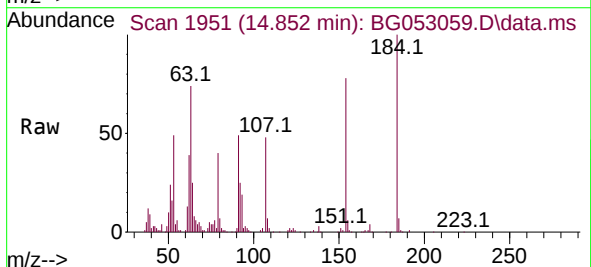
Instrument :
BNA_G
ClientSampleId :
TP-4MS

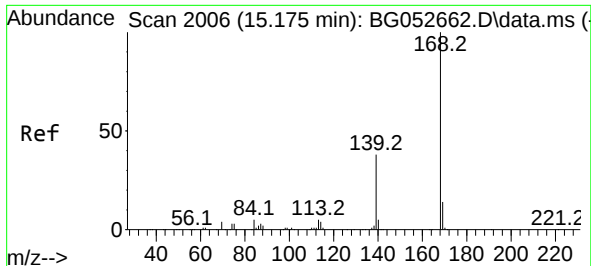
Tgt Ion:138 Resp: 47491
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 131.6 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 102.371 ng
RT: 14.852 min Scan# 1951
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:184 Resp: 71119
Ion Ratio Lower Upper
184 100
63 74.2 51.8 77.6
154 77.9 47.8 71.6#

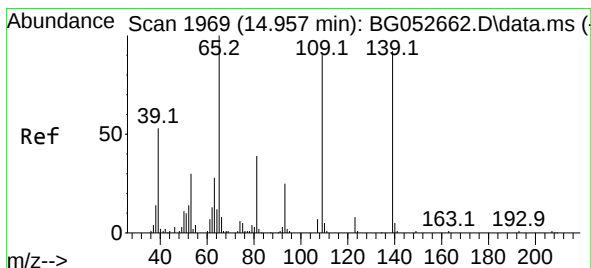
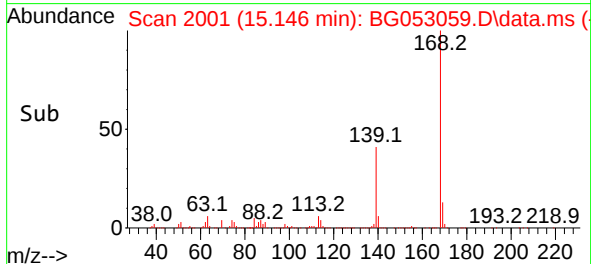
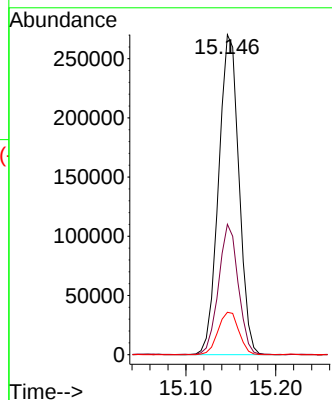
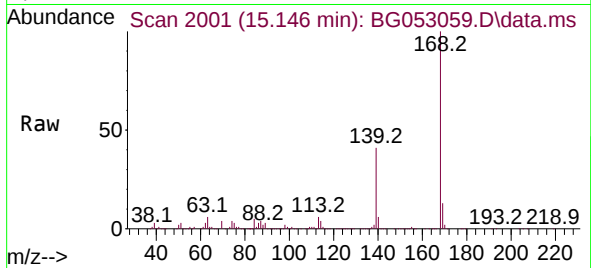




#55
Dibenzenofuran
Concen: 45.533 ng
RT: 15.146 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

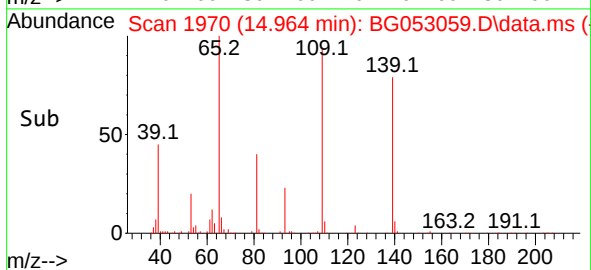
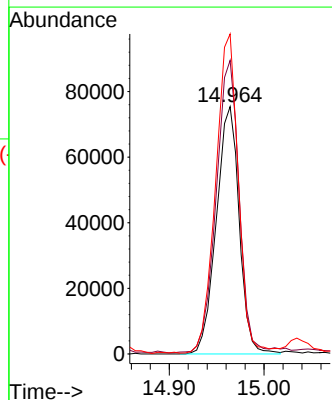
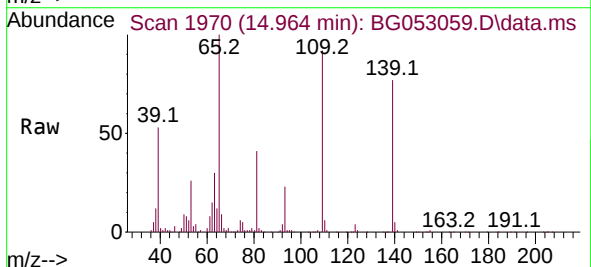
Instrument :
BNA_G
ClientSampleId :
TP-4MS

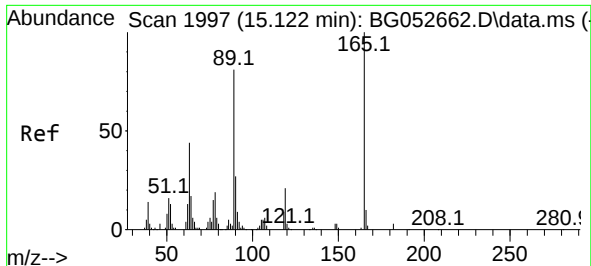
Tgt Ion:168 Resp: 424774
Ion Ratio Lower Upper
168 100
139 40.7 30.2 45.4
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 103.967 ng
RT: 14.964 min Scan# 1970
Delta R.T. 0.022 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:139 Resp: 126480
Ion Ratio Lower Upper
139 100
109 118.7 67.1 107.1#
65 129.3 88.2 128.2#

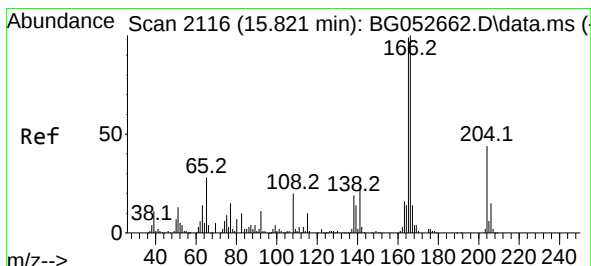
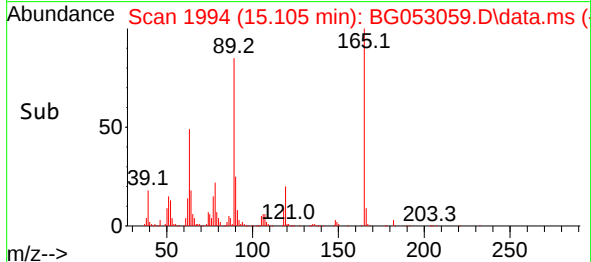
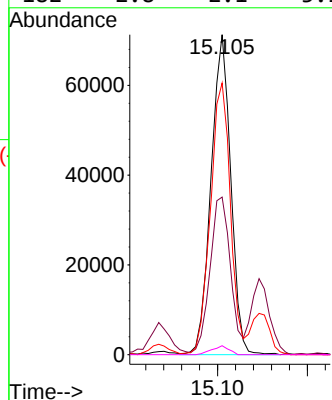
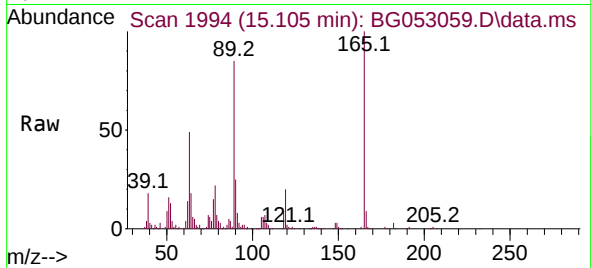




#57
2,4-Dinitrotoluene
Concen: 61.512 ng
RT: 15.105 min Scan# 1994
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

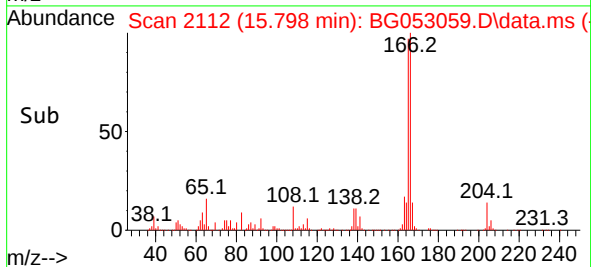
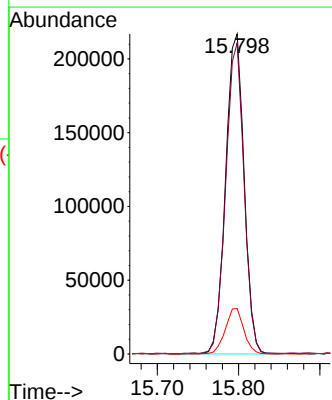
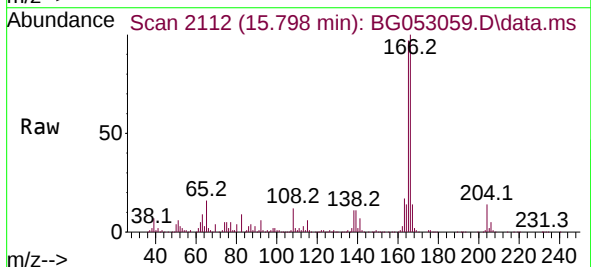
Instrument :
BNA_G
ClientSampleId :
TP-4MS

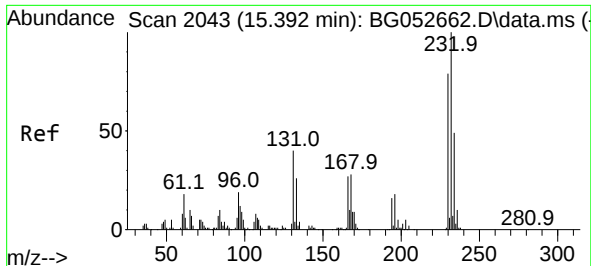
Tgt Ion:165 Resp: 108777
Ion Ratio Lower Upper
165 100
63 49.3 34.8 52.2
89 84.9 57.4 86.0
182 2.8 2.1 3.1



#58
Fluorene
Concen: 45.076 ng
RT: 15.798 min Scan# 2112
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:166 Resp: 342777
Ion Ratio Lower Upper
166 100
165 97.2 78.6 117.8
167 14.2 10.9 16.3

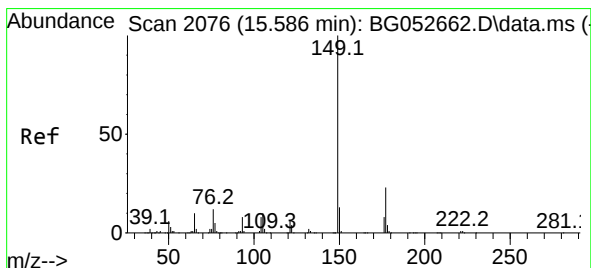
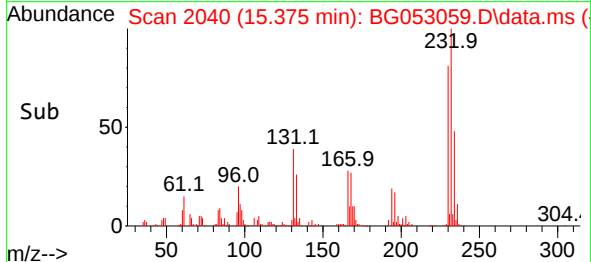
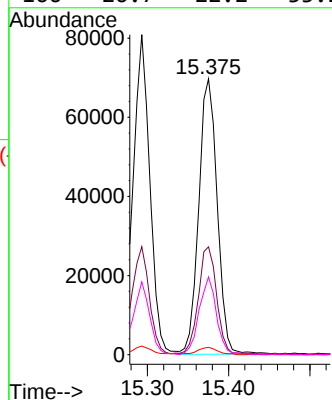
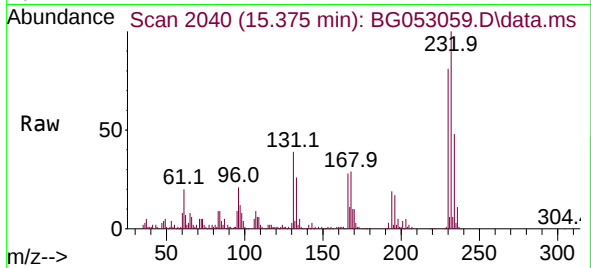




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.832 ng
RT: 15.375 min Scan# 2040
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

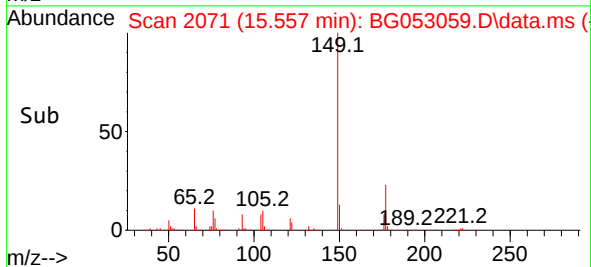
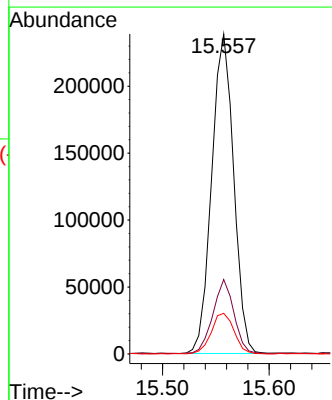
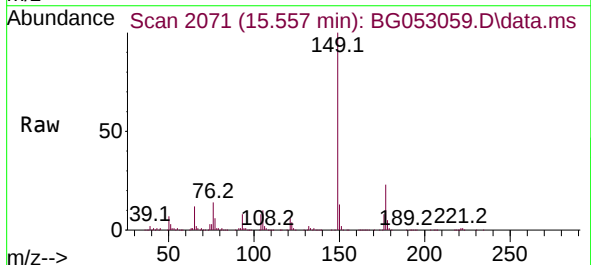
Instrument :
BNA_G
ClientSampleId :
TP-4MS

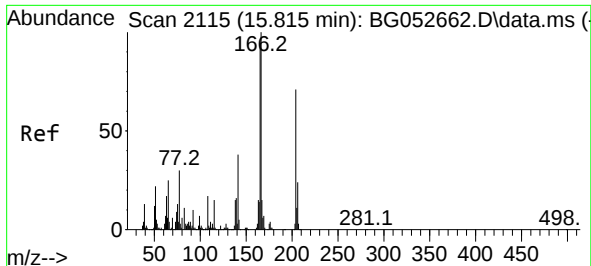
Tgt Ion:232 Resp: 109862
Ion Ratio Lower Upper
232 100
131 38.6 30.1 45.1
130 2.9 1.8 2.8#
166 26.7 22.2 33.2



#60
Diethylphthalate
Concen: 42.785 ng
RT: 15.557 min Scan# 2071
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:149 Resp: 340922
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.2
150 12.7 9.9 14.9

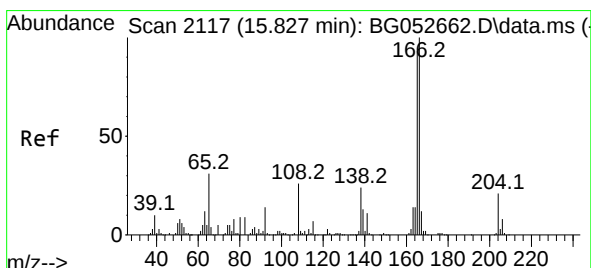
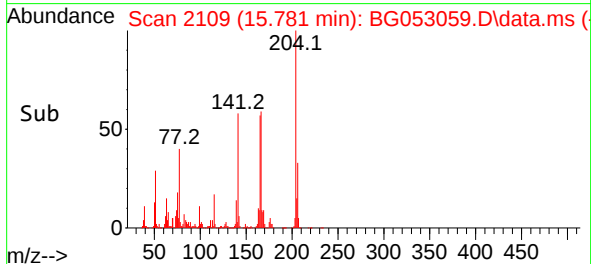
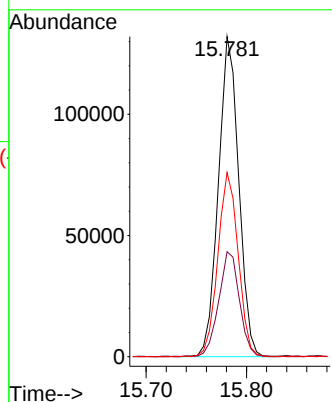
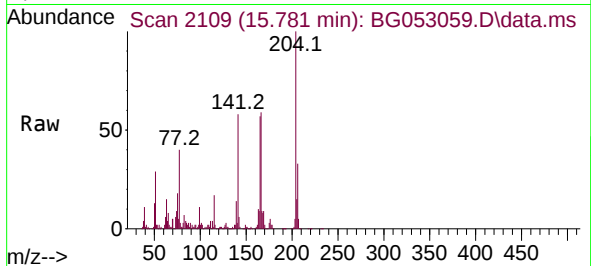




#61
4-Chlorophenyl-phenylether
Concen: 44.271 ng
RT: 15.781 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

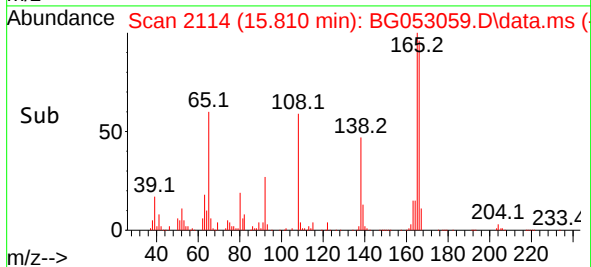
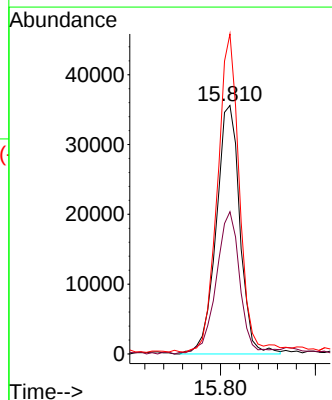
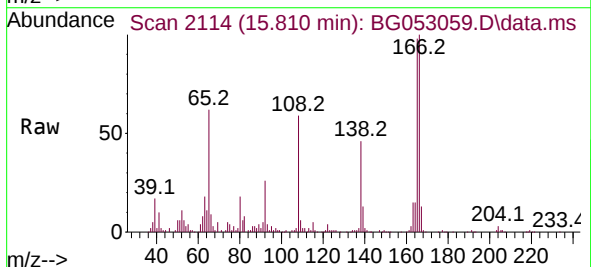
Instrument :
BNA_G
ClientSampleId :
TP-4MS

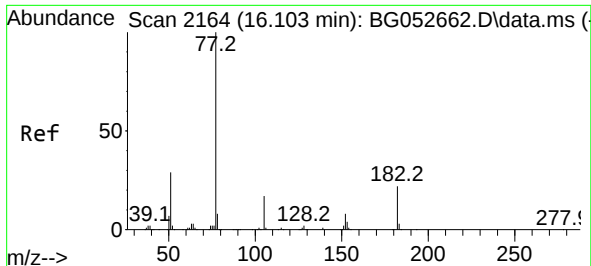
Tgt Ion:204 Resp: 185667
Ion Ratio Lower Upper
204 100
206 32.8 28.3 42.5
141 57.5 45.8 68.8



#62
4-Nitroaniline
Concen: 39.229 ng
RT: 15.810 min Scan# 2114
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:138 Resp: 61819
Ion Ratio Lower Upper
138 100
92 57.3 33.3 73.3
108 128.8 74.2 114.2#



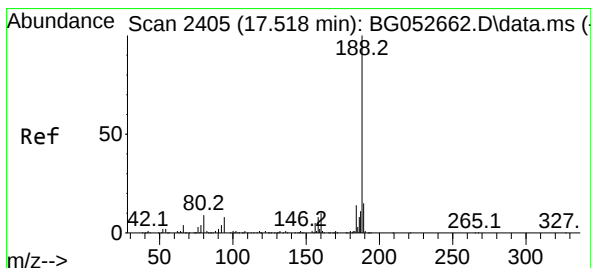
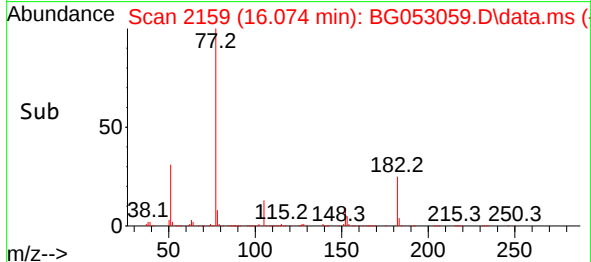
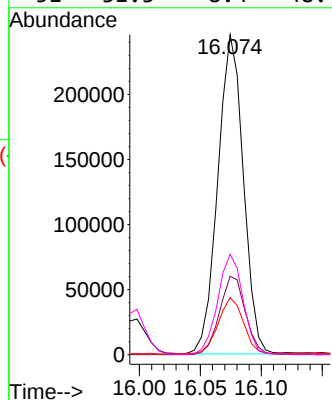
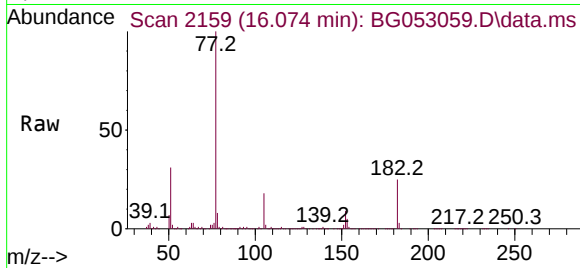


#63
 Azobenzene
 Concen: 41.961 ng
 RT: 16.074 min Scan# 2164
 Delta R.T. -0.002 min
 Lab File: BG053059.D
 Acq: 6 Apr 2022 17:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-4MS

Tgt Ion: 77 Resp: 357372

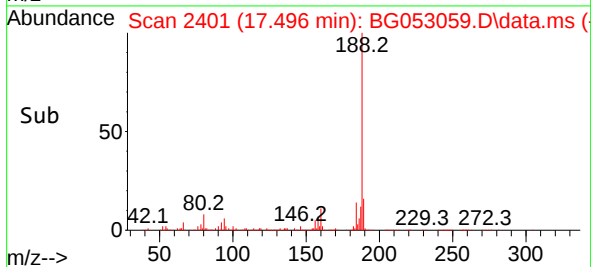
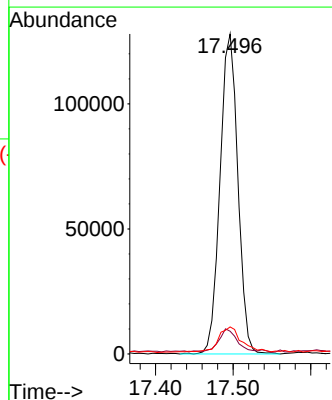
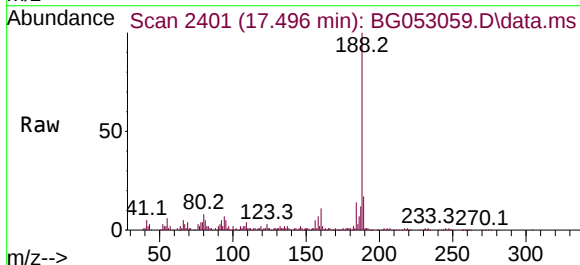
Ion	Ratio	Lower	Upper
77	100		
182	24.5	5.6	45.6
105	17.8	0.0	38.8
51	31.3	8.4	48.4

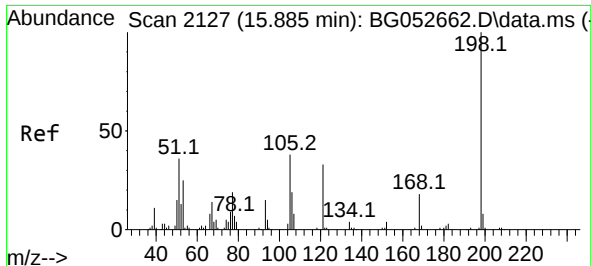


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.496 min Scan# 2401
 Delta R.T. 0.004 min
 Lab File: BG053059.D
 Acq: 6 Apr 2022 17:47

Tgt Ion: 188 Resp: 204991

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.7	8.5
80	8.4	7.2	10.8

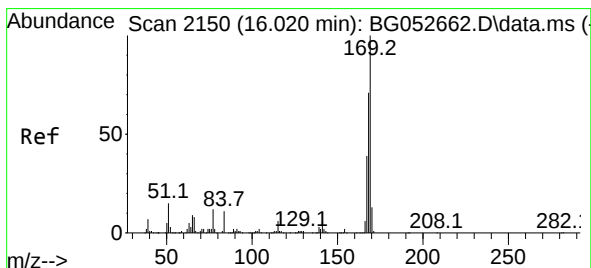
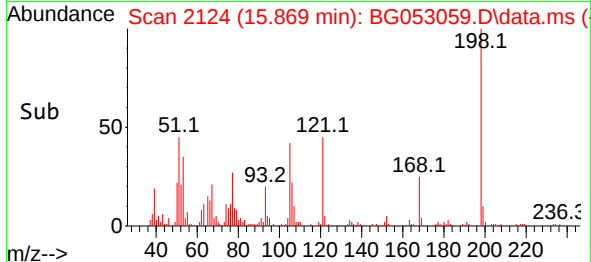
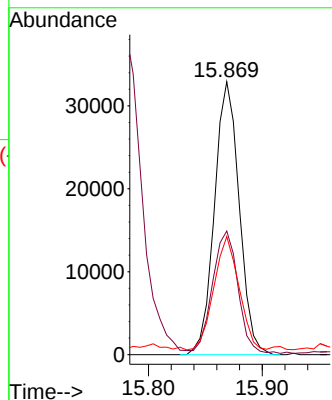
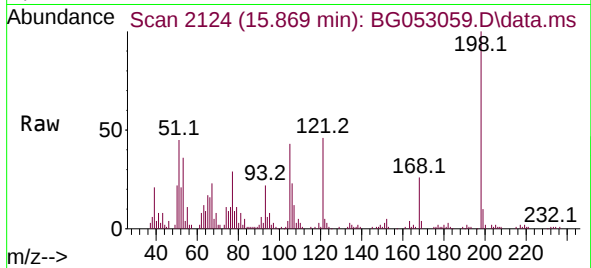




#65
4,6-Dinitro-2-methylphenol
Concen: 54.504 ng
RT: 15.869 min Scan# 2124
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

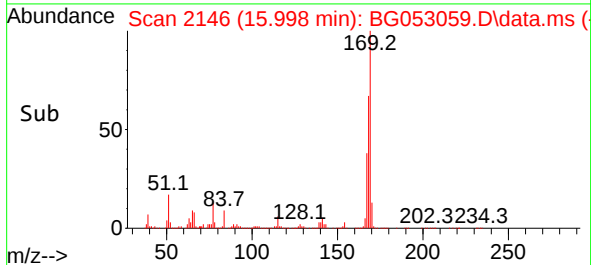
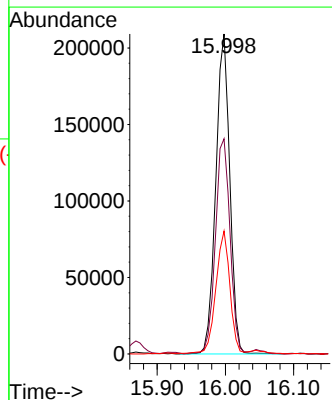
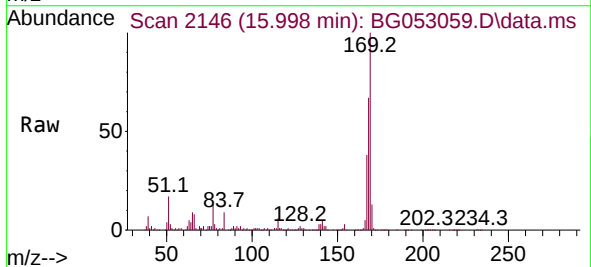
Instrument :
BNA_G
ClientSampleId :
TP-4MS

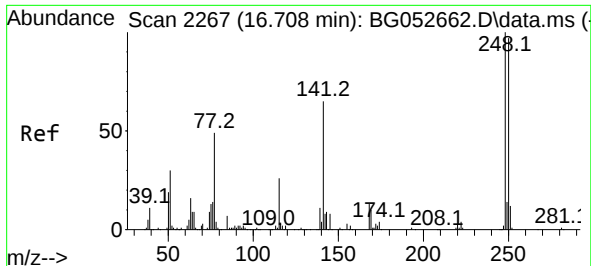
Tgt Ion:198 Resp: 49810
Ion Ratio Lower Upper
198 100
51 45.3 21.7 61.7
105 43.3 20.8 60.8



#66
n-Nitrosodiphenylamine
Concen: 51.752 ng
RT: 15.998 min Scan# 2146
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:169 Resp: 298671
Ion Ratio Lower Upper
169 100
168 67.2 54.5 81.7
167 38.4 29.6 44.4

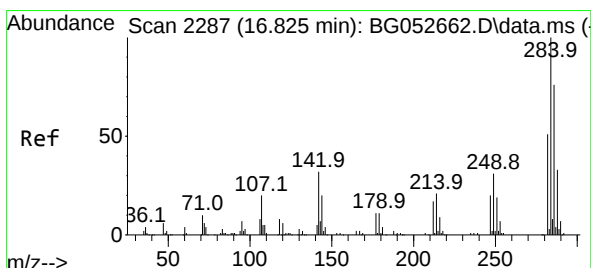
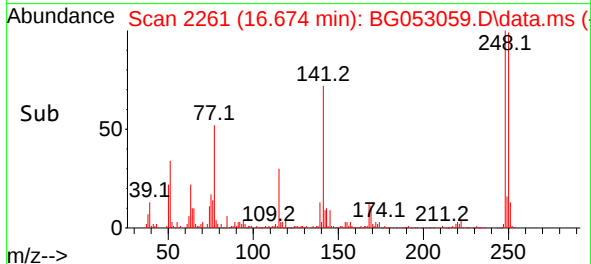
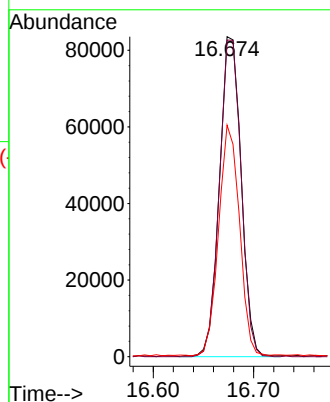
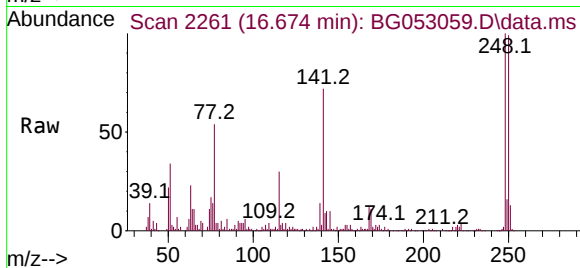




#67
4-Bromophenyl-phenylether
Concen: 50.840 ng
RT: 16.674 min Scan# 211
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

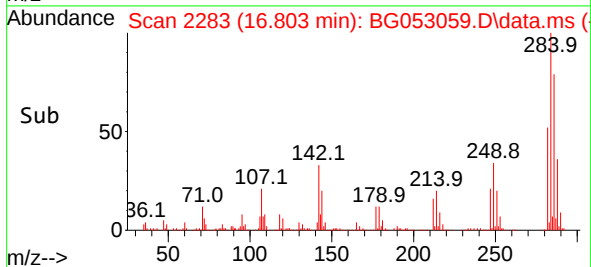
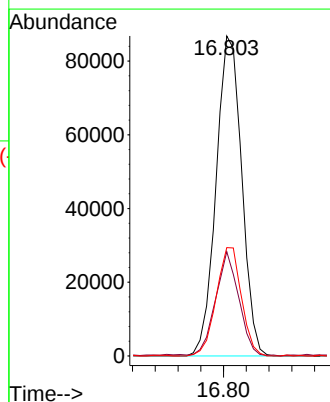
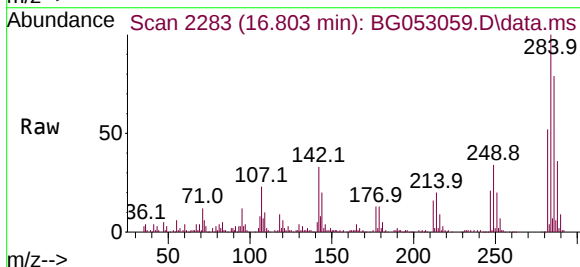
Instrument :
BNA_G
ClientSampleId :
TP-4MS

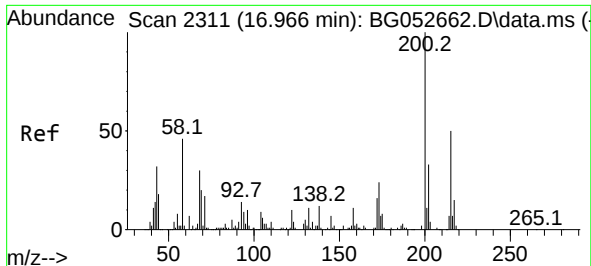
Tgt Ion:248 Resp: 125646
Ion Ratio Lower Upper
248 100
250 99.0 77.9 116.9
141 72.3 49.2 73.8



#68
Hexachlorobenzene
Concen: 51.121 ng
RT: 16.803 min Scan# 2283
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:284 Resp: 135801
Ion Ratio Lower Upper
284 100
142 32.6 21.0 31.4#
249 33.8 22.7 34.1

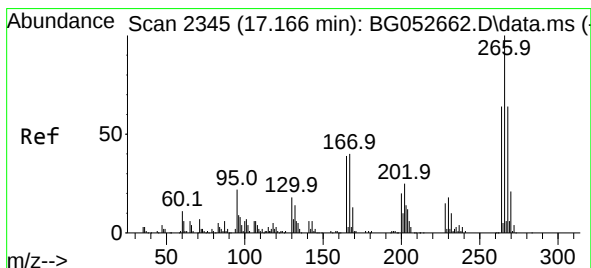
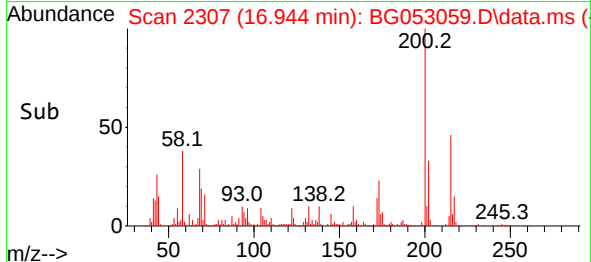
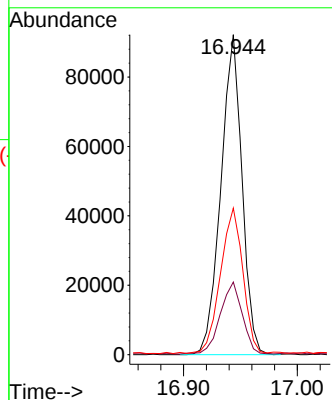
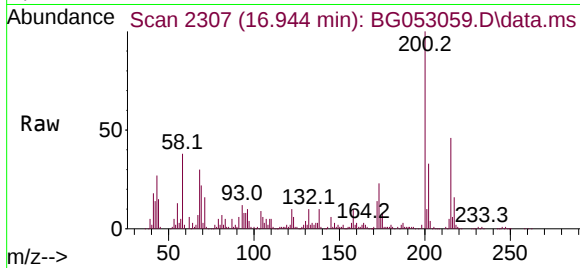




#69
 Atrazine
 Concen: 55.898 ng
 RT: 16.944 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: BG053059.D
 Acq: 6 Apr 2022 17:47

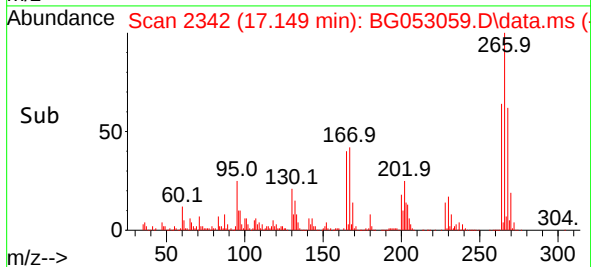
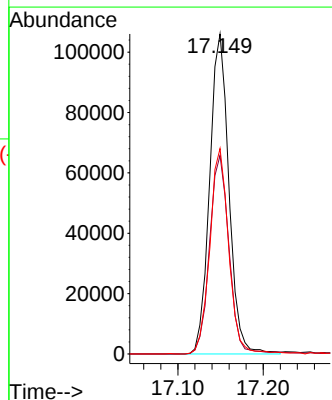
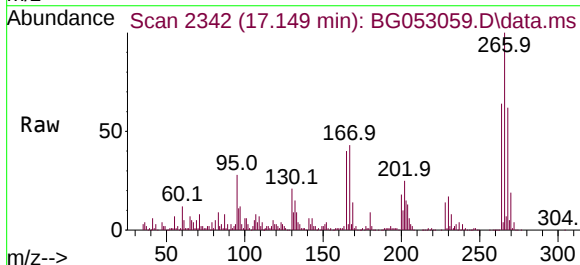
Instrument :
 BNA_G
 ClientSampleId :
 TP-4MS

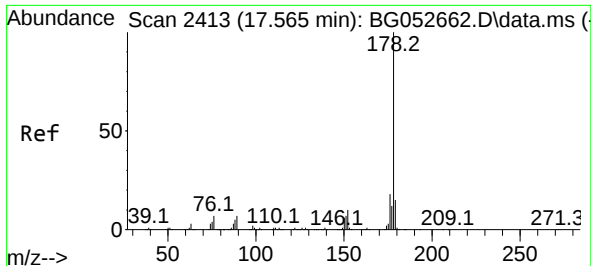
Tgt Ion:200 Resp: 118952
 Ion Ratio Lower Upper
 200 100
 173 22.7 3.8 43.8
 215 45.8 26.3 66.3



#70
 Pentachlorophenol
 Concen: 100.945 ng
 RT: 17.149 min Scan# 2342
 Delta R.T. 0.010 min
 Lab File: BG053059.D
 Acq: 6 Apr 2022 17:47

Tgt Ion:266 Resp: 166361
 Ion Ratio Lower Upper
 266 100
 268 62.1 45.9 68.9
 264 64.2 45.3 67.9

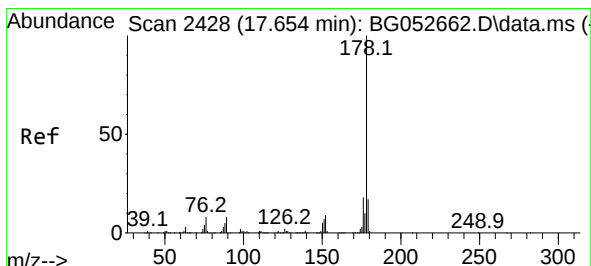
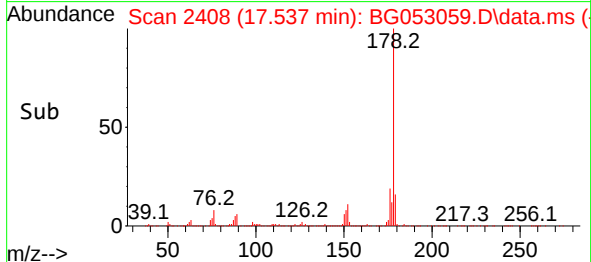
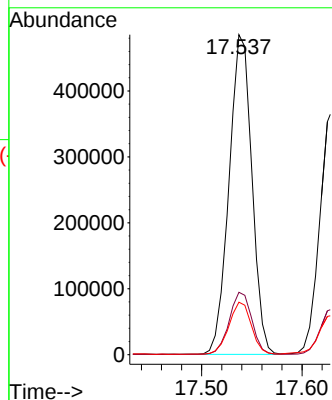
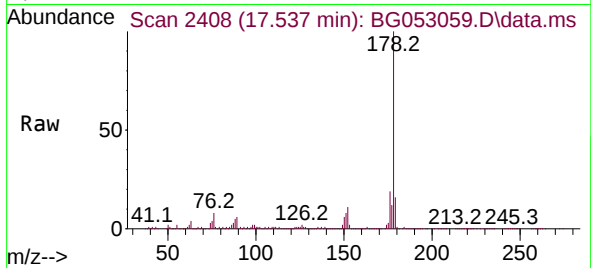




#71
Phenanthrene
Concen: 69.815 ng
RT: 17.537 min Scan# 2413
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

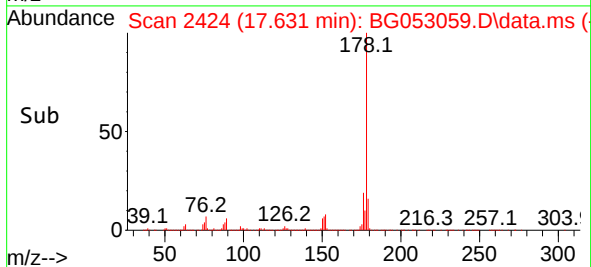
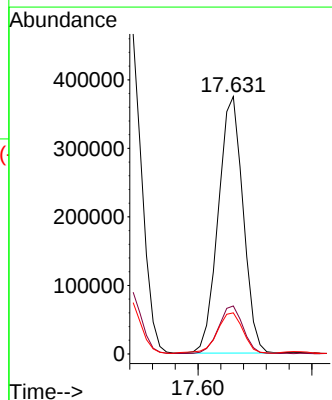
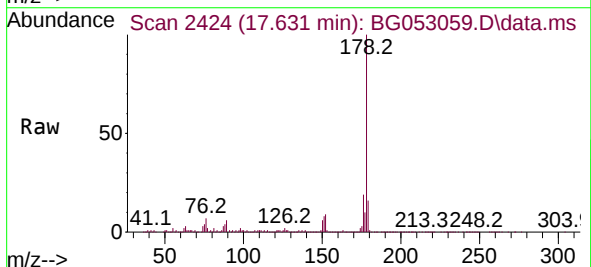
Instrument :
BNA_G
ClientSampleId :
TP-4MS

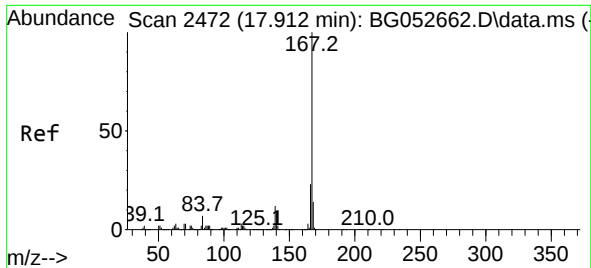
Tgt Ion:178 Resp: 765624
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.4 13.4 20.2



#72
Anthracene
Concen: 52.332 ng
RT: 17.631 min Scan# 2424
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:178 Resp: 567327
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 16.0 13.2 19.8

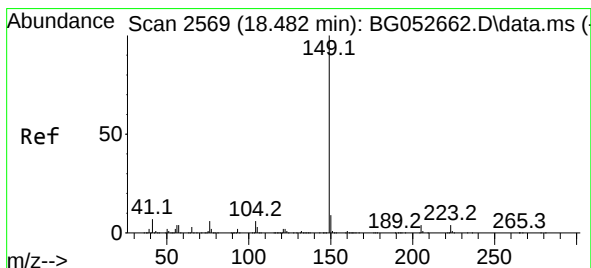
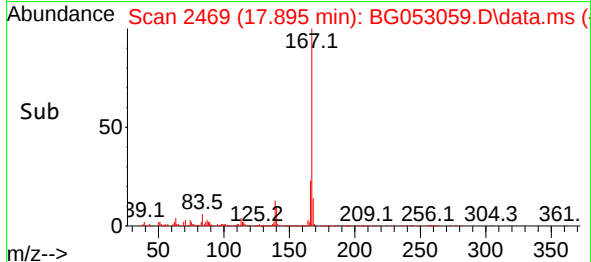
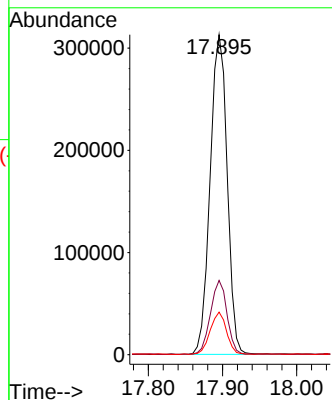
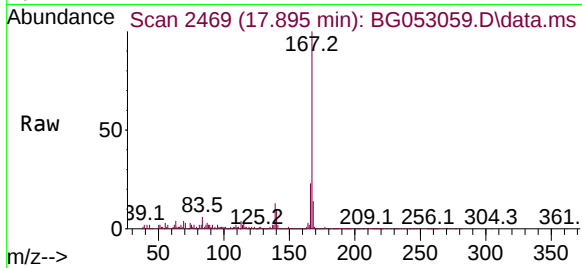




#73
 Carbazole
 Concen: 46.489 ng
 RT: 17.895 min Scan# 2472
 Delta R.T. 0.004 min
 Lab File: BG053059.D
 Acq: 6 Apr 2022 17:47

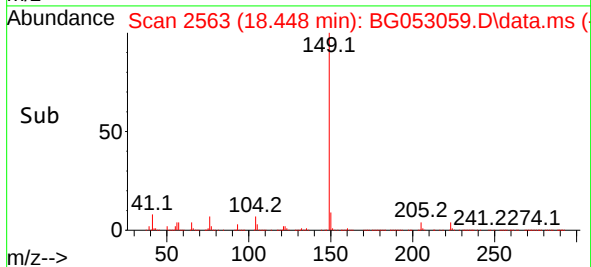
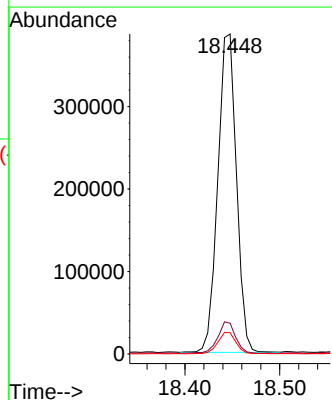
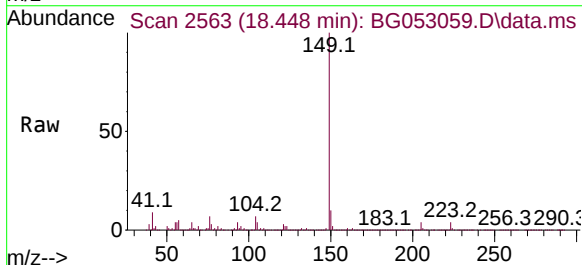
Instrument :
 BNA_G
 ClientSampleId :
 TP-4MS

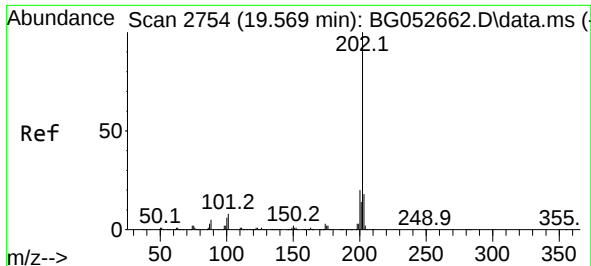
Tgt Ion:167 Resp: 499147
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.5 27.7
 139 13.3 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 44.919 ng
 RT: 18.448 min Scan# 2563
 Delta R.T. 0.004 min
 Lab File: BG053059.D
 Acq: 6 Apr 2022 17:47

Tgt Ion:149 Resp: 526873
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.0 10.6
 104 6.7 4.6 7.0

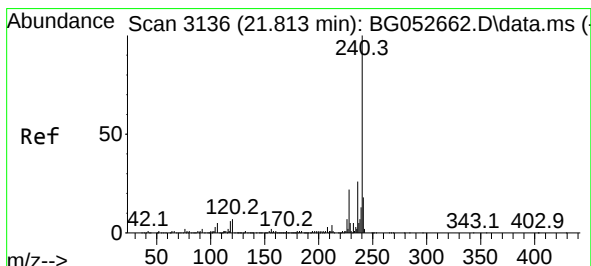
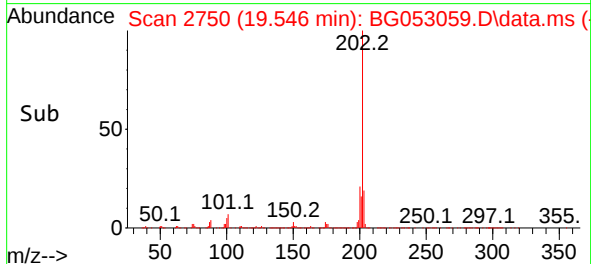
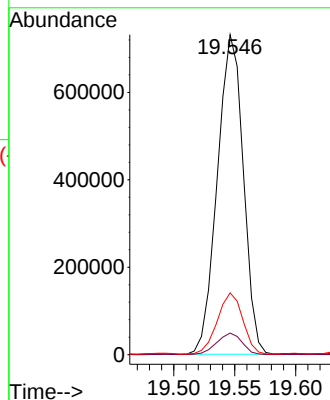
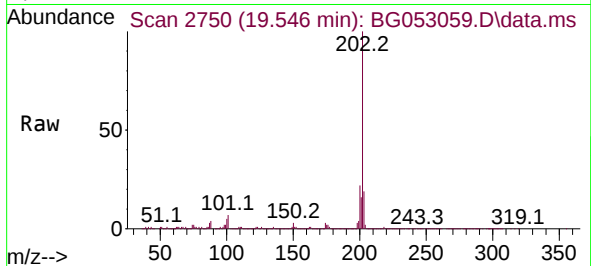




#75
Fluoranthene
Concen: 77.843 ng
RT: 19.546 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

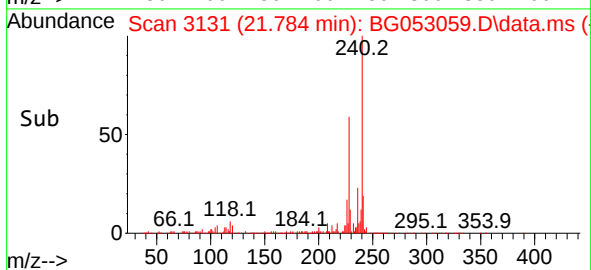
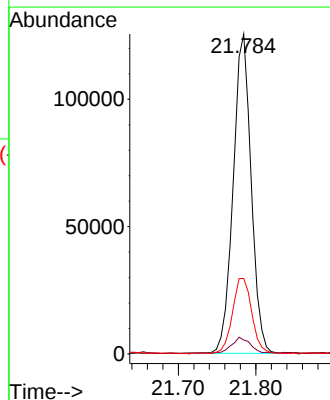
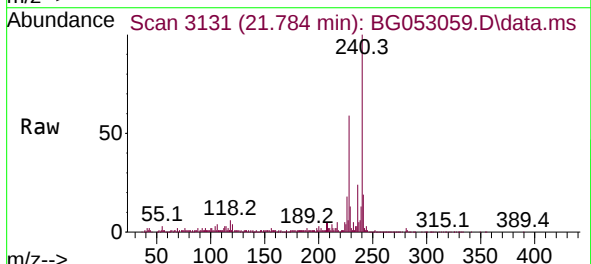
Instrument :
BNA_G
ClientSampleId :
TP-4MS

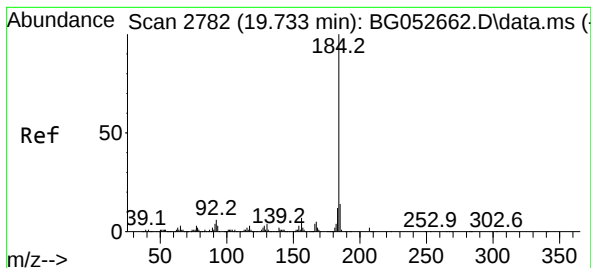
Tgt Ion:202 Resp: 1083614
Ion Ratio Lower Upper
202 100
101 6.8 0.0 27.3
203 19.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.784 min Scan# 3131
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:240 Resp: 202049
Ion Ratio Lower Upper
240 100
120 4.3 5.4 8.0#
236 23.6 19.8 29.6





#77

Benzidine

Concen: 4.112 ng

RT: 19.716 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

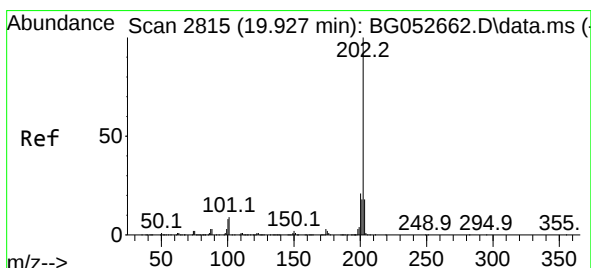
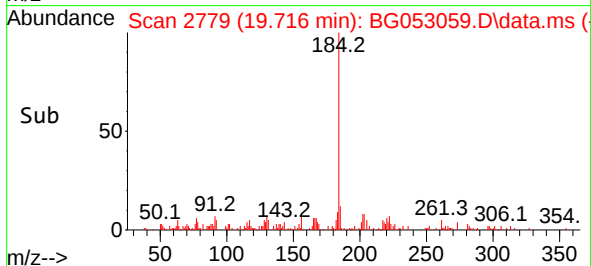
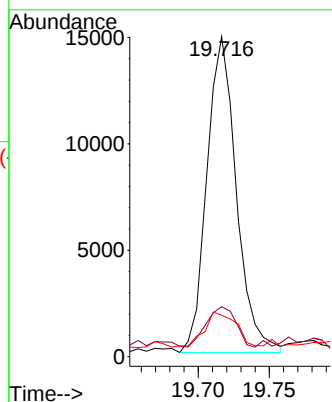
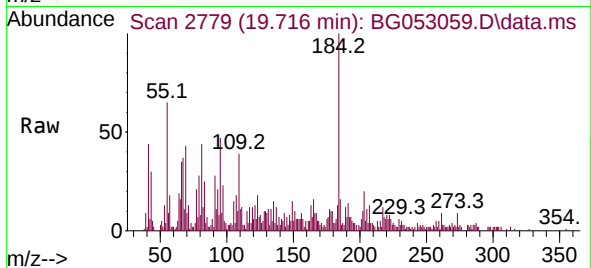
Tgt Ion:184 Resp: 21429

Ion Ratio Lower Upper

184 100

185 15.6 11.5 17.3

183 12.9 9.4 14.2



#78

Pyrene

Concen: 77.780 ng

RT: 19.904 min Scan# 2811

Delta R.T. 0.004 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

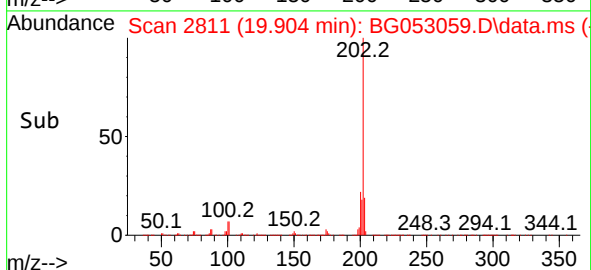
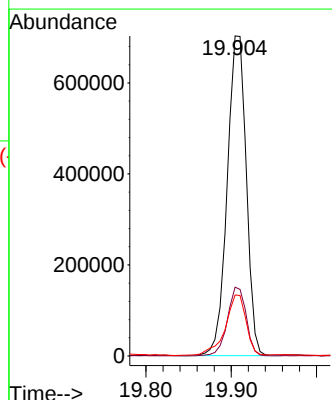
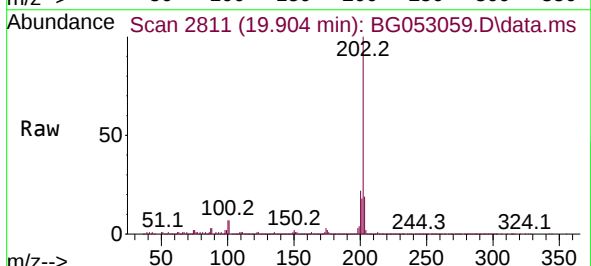
Tgt Ion:202 Resp: 1090123

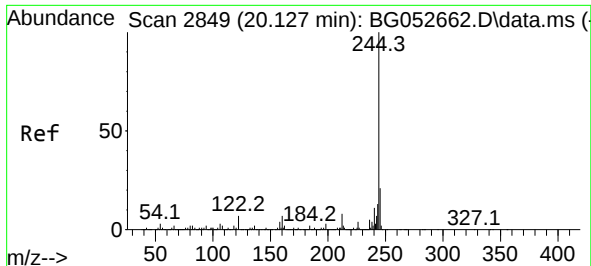
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 19.0 15.0 22.6

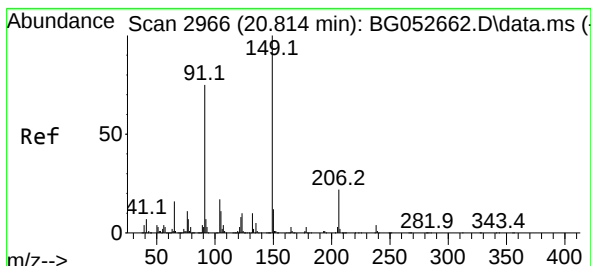
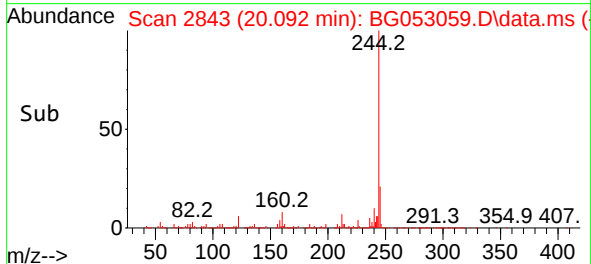
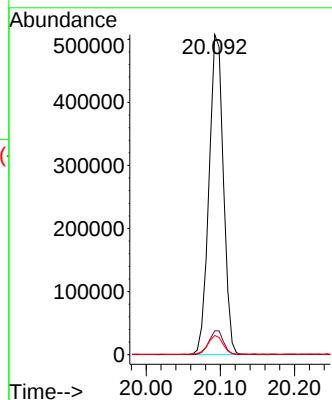
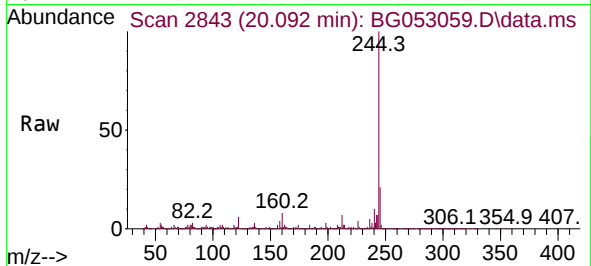




#79
 Terphenyl-d14
 Concen: 59.985 ng
 RT: 20.092 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053059.D
 Acq: 6 Apr 2022 17:47

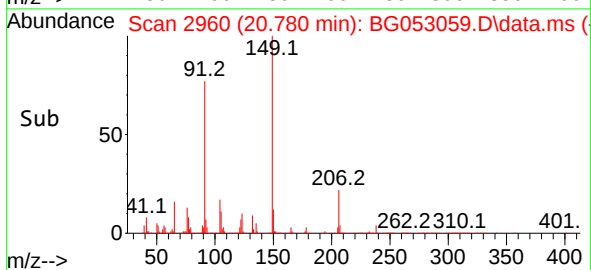
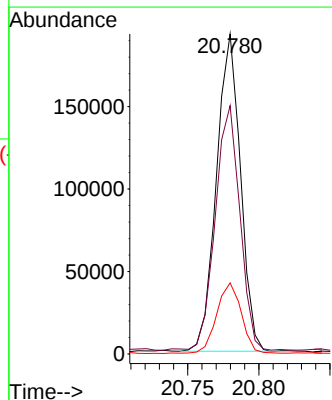
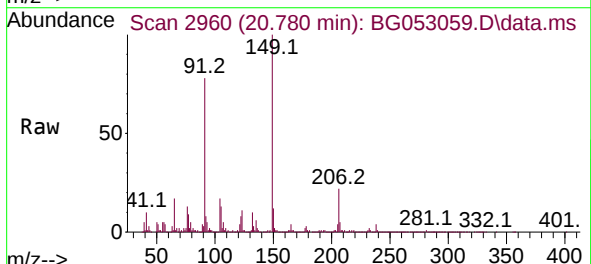
Instrument :
 BNA_G
 ClientSampleId :
 TP-4MS

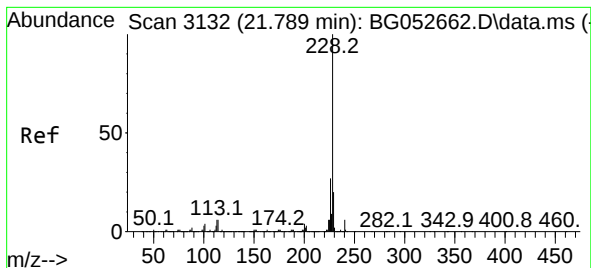
Tgt Ion:244 Resp: 681334
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 6.0 5.8 8.6



#80
 Butylbenzylphthalate
 Concen: 45.378 ng
 RT: 20.780 min Scan# 2960
 Delta R.T. 0.004 min
 Lab File: BG053059.D
 Acq: 6 Apr 2022 17:47

Tgt Ion:149 Resp: 225604
 Ion Ratio Lower Upper
 149 100
 91 77.6 60.2 90.4
 206 22.2 19.4 29.2





#81

Benzo(a)anthracene

Concen: 64.344 ng

RT: 21.761 min Scan# 3112

Delta R.T. 0.004 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

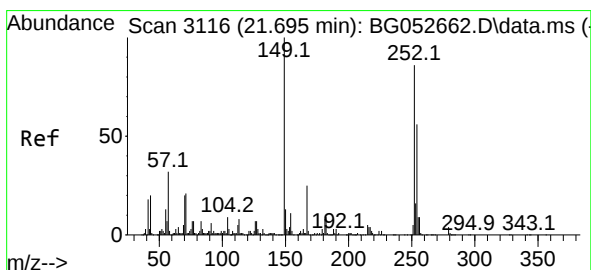
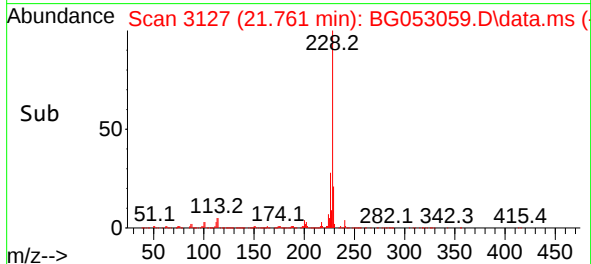
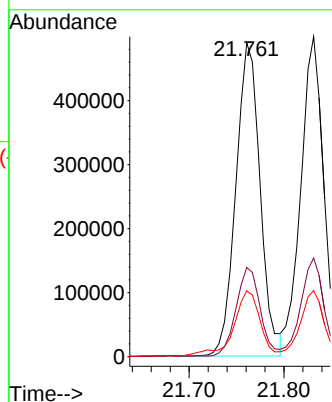
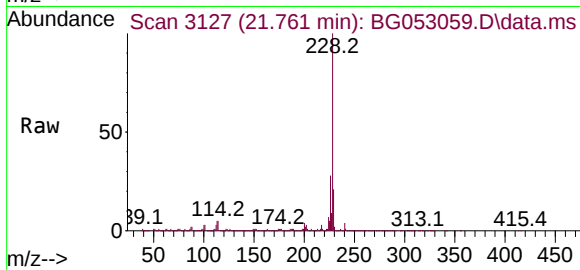
Tgt Ion:228 Resp: 870543

Ion Ratio Lower Upper

228 100

226 28.4 21.4 32.0

229 21.0 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 15.689 ng

RT: 21.667 min Scan# 3111

Delta R.T. 0.004 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

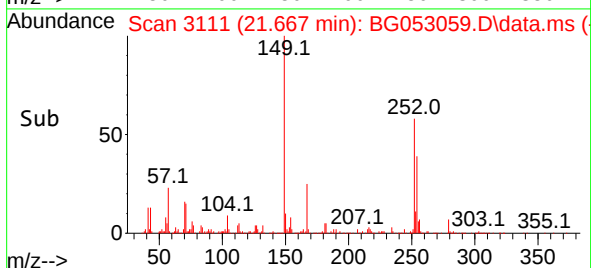
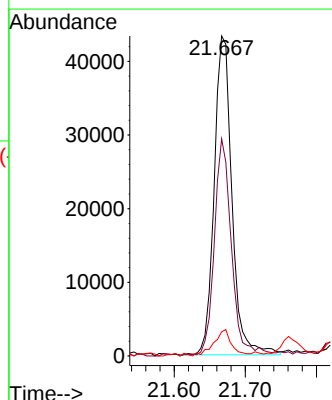
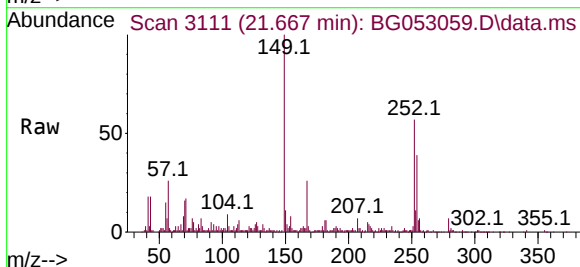
Tgt Ion:252 Resp: 74958

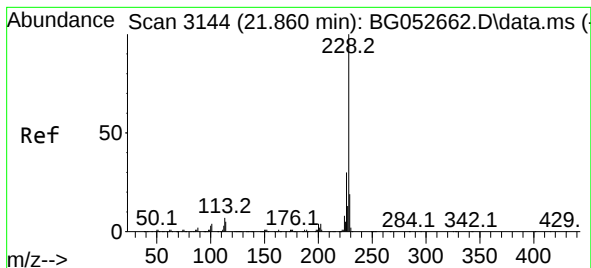
Ion Ratio Lower Upper

252 100

254 67.9 51.2 76.8

126 7.6 5.8 8.8





#83

Chrysene

Concen: 65.271 ng

RT: 21.831 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

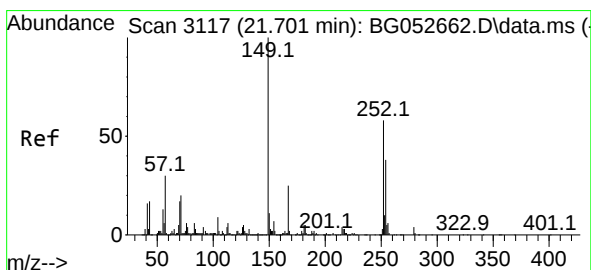
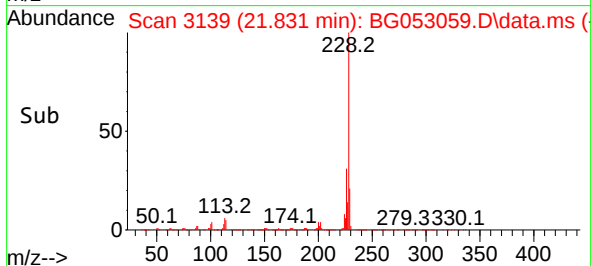
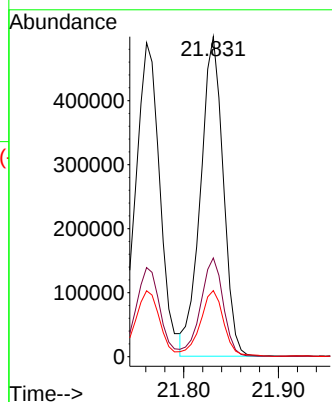
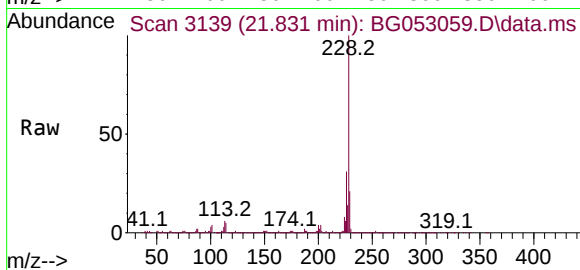
Tgt Ion:228 Resp: 830193

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

229 20.7 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.844 ng

RT: 21.655 min Scan# 3109

Delta R.T. 0.004 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

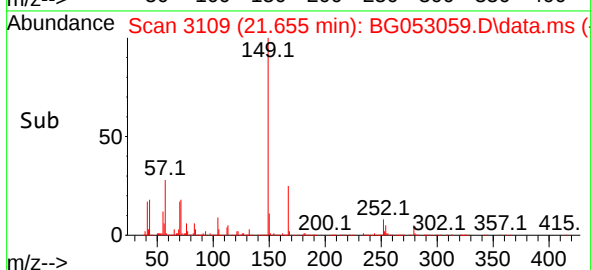
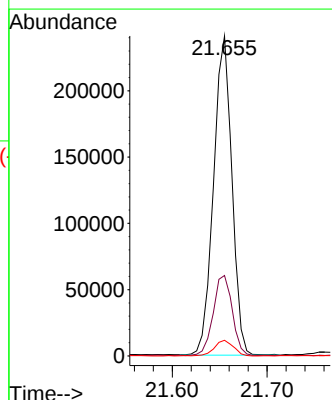
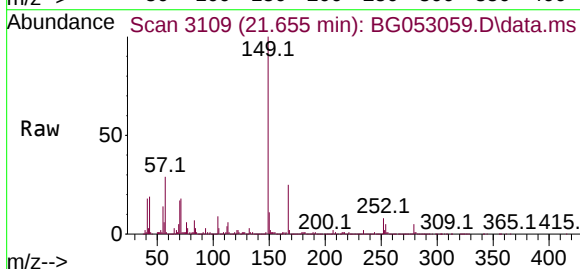
Tgt Ion:149 Resp: 323484

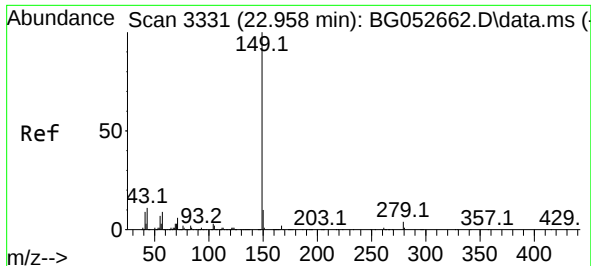
Ion Ratio Lower Upper

149 100

167 25.1 21.4 32.2

279 4.9 3.8 5.8

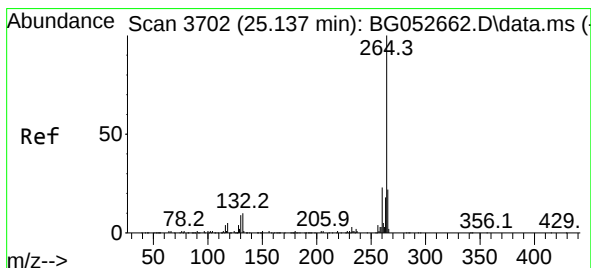
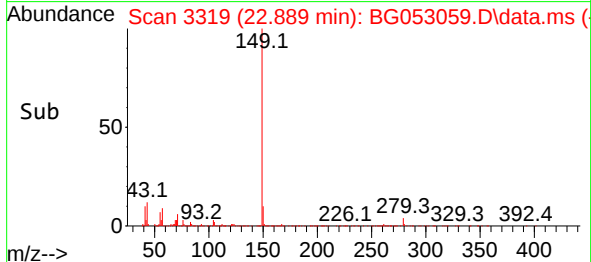
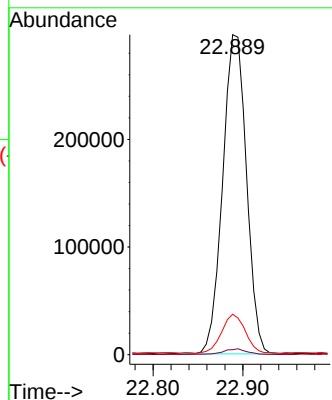
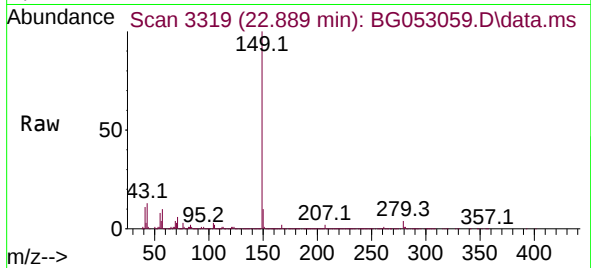




#85
Di-n-octyl phthalate
Concen: 48.450 ng
RT: 22.889 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

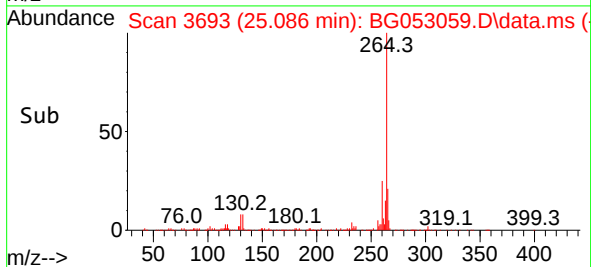
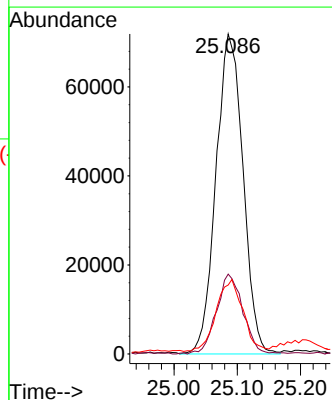
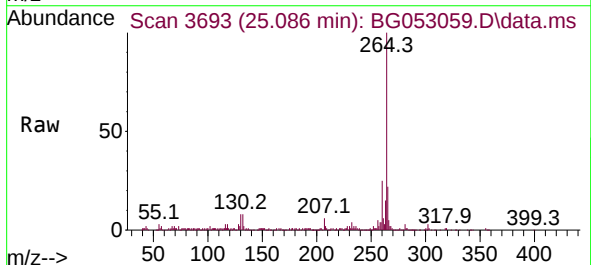
Instrument :
BNA_G
ClientSampleId :
TP-4MS

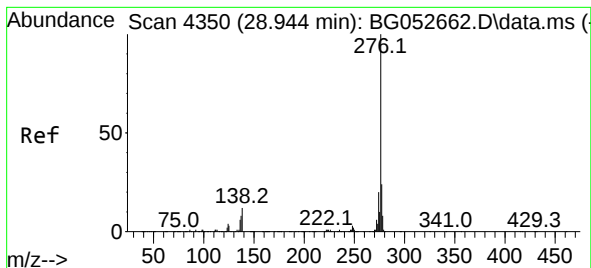
Tgt Ion:149 Resp: 545344
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 12.2 7.6 11.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.086 min Scan# 3693
Delta R.T. 0.004 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:264 Resp: 214099
Ion Ratio Lower Upper
264 100
260 24.9 18.2 27.2
265 21.6 15.1 22.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 62.997 ng

RT: 28.886 min Scan# 41

Delta R.T. 0.016 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

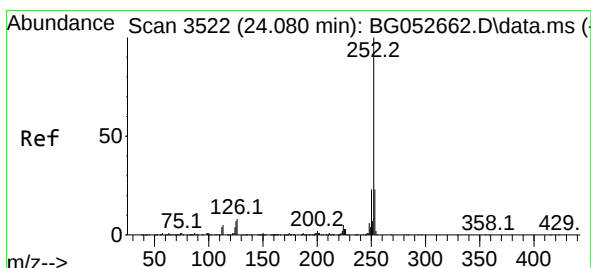
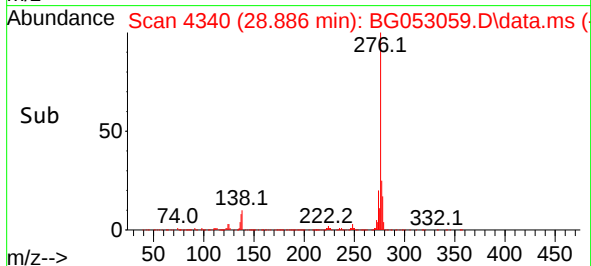
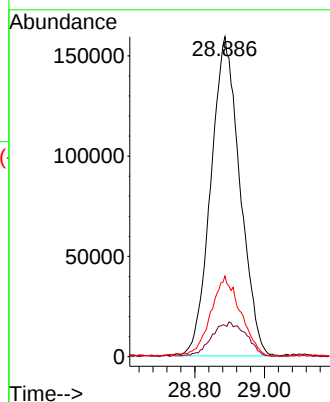
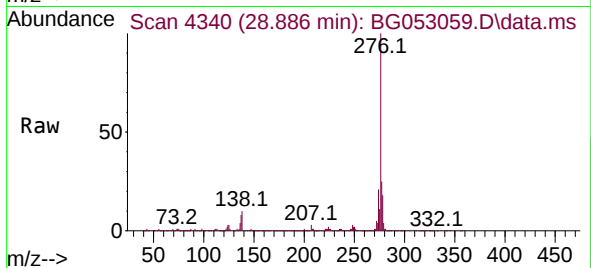
Tgt Ion:276 Resp: 923188

Ion Ratio Lower Upper

276 100

138 12.8 8.7 13.1

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 57.042 ng

RT: 24.110 min Scan# 3527

Delta R.T. 0.081 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

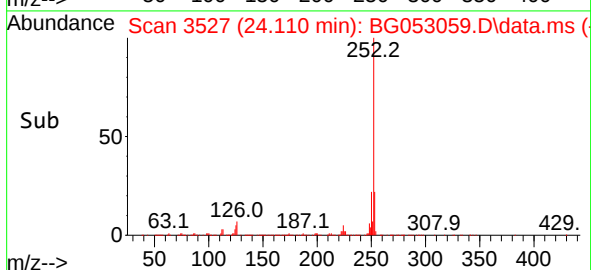
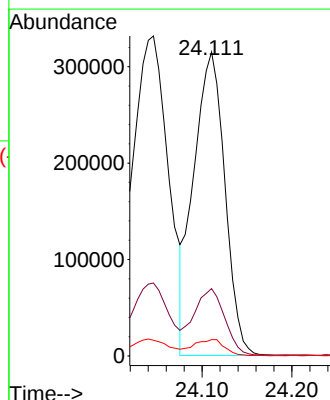
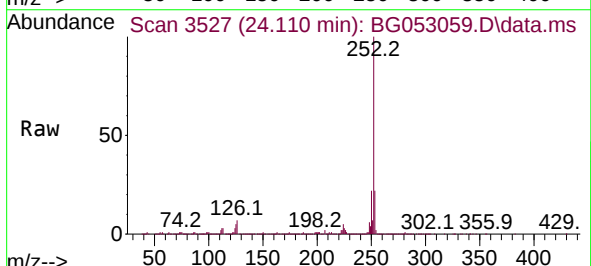
Tgt Ion:252 Resp: 758290

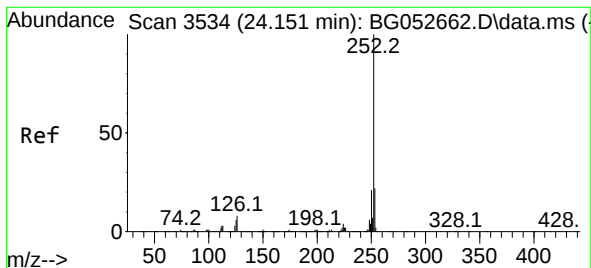
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 5.4 5.2 7.8





#89

Benzo(k)fluoranthene

Concen: 57.977 ng

RT: 24.110 min Scan# 3

Delta R.T. 0.010 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

Instrument :

BNA_G

ClientSampleId :

TP-4MS

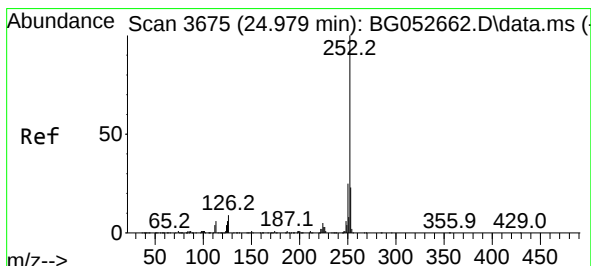
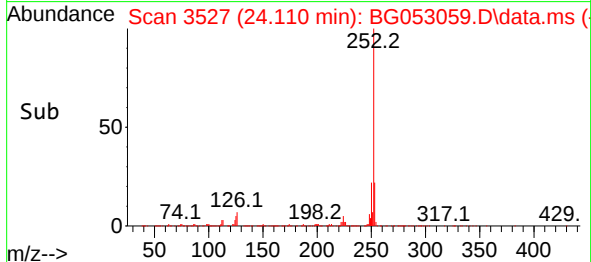
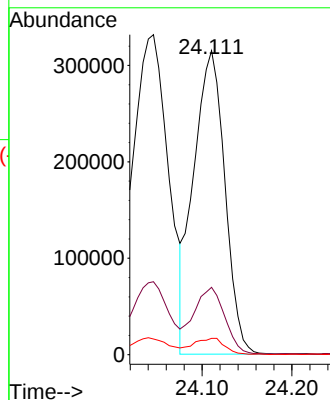
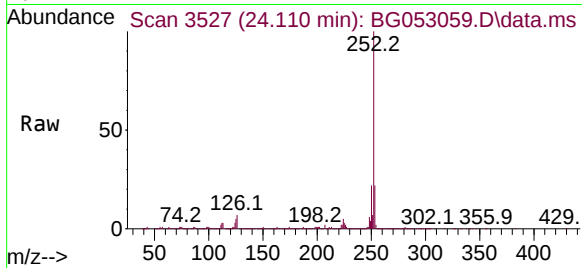
Tgt Ion:252 Resp: 758290

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 5.4 5.0 7.4



#90

Benzo(a)pyrene

Concen: 77.323 ng

RT: 24.939 min Scan# 3668

Delta R.T. 0.010 min

Lab File: BG053059.D

Acq: 6 Apr 2022 17:47

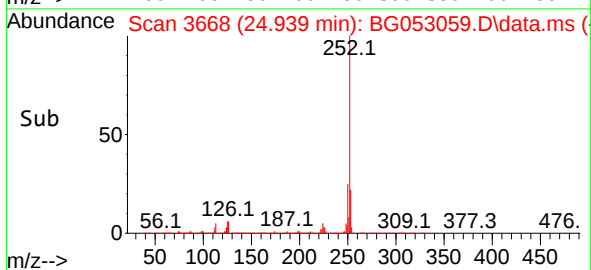
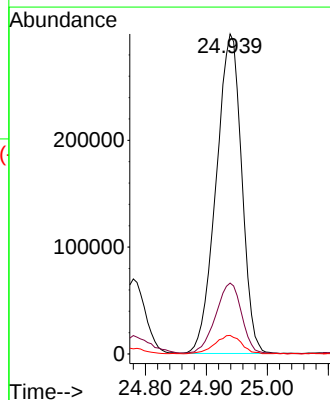
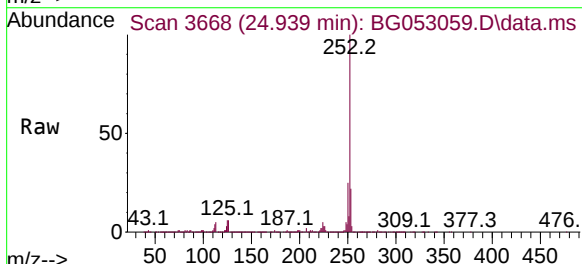
Tgt Ion:252 Resp: 870083

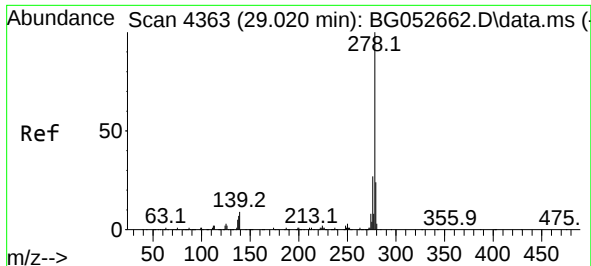
Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

125 5.8 5.6 8.4

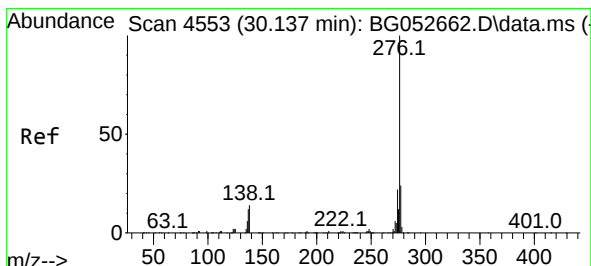
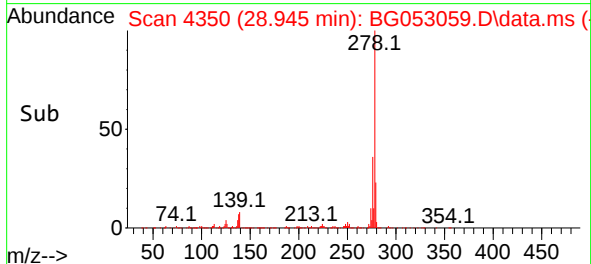
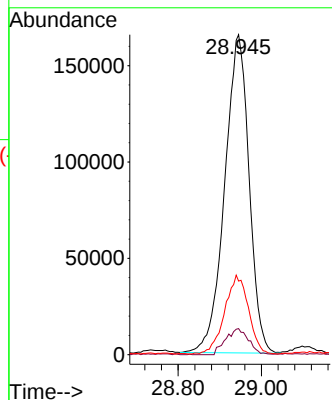
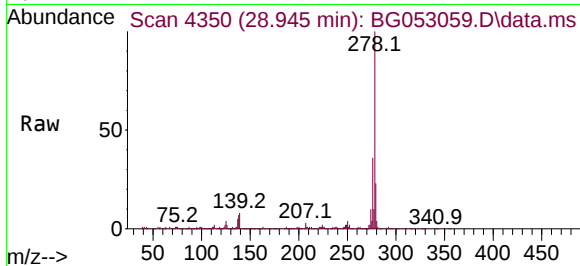




#91
Dibenzo(a,h)anthracene
Concen: 55.561 ng
RT: 28.945 min Scan# 41
Delta R.T. 0.016 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Instrument :
BNA_G
ClientSampleId :
TP-4MS

Tgt Ion:278 Resp: 670914
Ion Ratio Lower Upper
278 100
139 8.1 7.8 11.6
279 23.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 68.658 ng
RT: 30.079 min Scan# 4543
Delta R.T. 0.028 min
Lab File: BG053059.D
Acq: 6 Apr 2022 17:47

Tgt Ion:276 Resp: 820305
Ion Ratio Lower Upper
276 100
277 24.2 18.2 27.2
138 11.0 9.1 13.7

