

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052622\
 Data File : BG053728.D
 Acq On : 26 May 2022 22:21
 Operator : CG/JU
 Sample : N3032-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-406-ROLL-OFF

Quant Time: May 27 05:01:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	32017	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	125161	20.000	ng	# 0.00
39) Acenaphthene-d10	14.622	164	87099	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	176721	20.000	ng	0.00
76) Chrysene-d12	21.636	240	152770	20.000	ng	# 0.00
86) Perylene-d12	24.855	264	150195	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.558	112	147499	78.185	ng	0.00
7) Phenol-d6	7.167	99	218312	76.250	ng	0.00
23) Nitrobenzene-d5	9.147	82	152478	51.859	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	91573	71.285	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	325857	54.670	ng	0.00
79) Terphenyl-d14	19.979	244	441749	53.855	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.349	88	70	0.071	ng	# 22
3) Pyridine	4.018	79	56	0.023	ng	# 1
4) n-Nitrosodimethylamine	3.654	42	1899	1.613	ng	# 1
6) Aniline	7.343	93	67	0.021	ng	# 41
9) Benzaldehyde	7.120	77	67	0.037	ng	# 10
10) Phenol	7.173	94	54	0.019	ng	# 1
11) bis(2-Chloroethyl)ether	7.361	93	79	0.038	ng	# 1
15) Benzyl Alcohol	8.260	79	111	0.046	ng	# 17
17) 2-Methylphenol	8.442	107	55	0.029	ng	# 10
18) Hexachloroethane	9.170	117	370	0.415	ng	# 1
19) n-Nitroso-di-n-propyla...	8.542	70	1224	0.596	ng	# 71
20) 3+4-Methylphenols	8.442	107	55	0.021	ng	# 20
22) Acetophenone	8.794	105	153	0.045	ng	# 49
24) Nitrobenzene	9.141	77	800	0.281	ng	# 43
25) Isophorone	9.711	82	818	0.165	ng	# 1
28) bis(2-Chloroethoxy)met...	10.245	93	56	0.020	ng	# 1
29) 2,4-Dichlorophenol	10.680	162	56	0.027	ng	# 23
31) Naphthalene	10.845	128	320	0.050	ng	# 68
33) 4-Chloroaniline	10.897	127	64	0.024	ng	# 21
35) Caprolactam	11.820	113	95	0.125	ng	# 70
46) 1,1'-Biphenyl	13.241	154	571	0.096	ng	# 1
47) 2-Chloronaphthalene	13.793	162	77	0.017	ng	# 39
48) 2-Nitroaniline	14.122	65	60	0.035	ng	# 10
49) Acenaphthylene	14.340	152	392	0.053	ng	# 60
50) Dimethylphthalate	13.893	163	57	0.009	ng	# 77
51) 2,6-Dinitrotoluene	14.622	165	10893	8.078	ng	# 18
52) Acenaphthene	14.633	154	115	0.026	ng	# 3
53) 3-Nitroaniline	14.657	138	57	0.039	ng	# 1
55) Dibenzofuran	15.027	168	129	0.016	ng	# 34
56) 4-Nitrophenol	15.027	139	55	0.053	ng	# 1
57) 2,4-Dinitrotoluene	14.622	165	10893	5.573	ng	# 24
58) Fluorene	16.114	166	2773	0.435	ng	# 86
60) Diethylphthalate	15.427	149	190	0.028	ng	# 57
63) Azobenzene	15.932	77	62	0.009	ng	# 50
65) 4,6-Dinitro-2-methylph...	16.114	198	227	0.216	ng	# 14
66) n-Nitrosodiphenylamine	16.114	169	3038	0.655	ng	# 42

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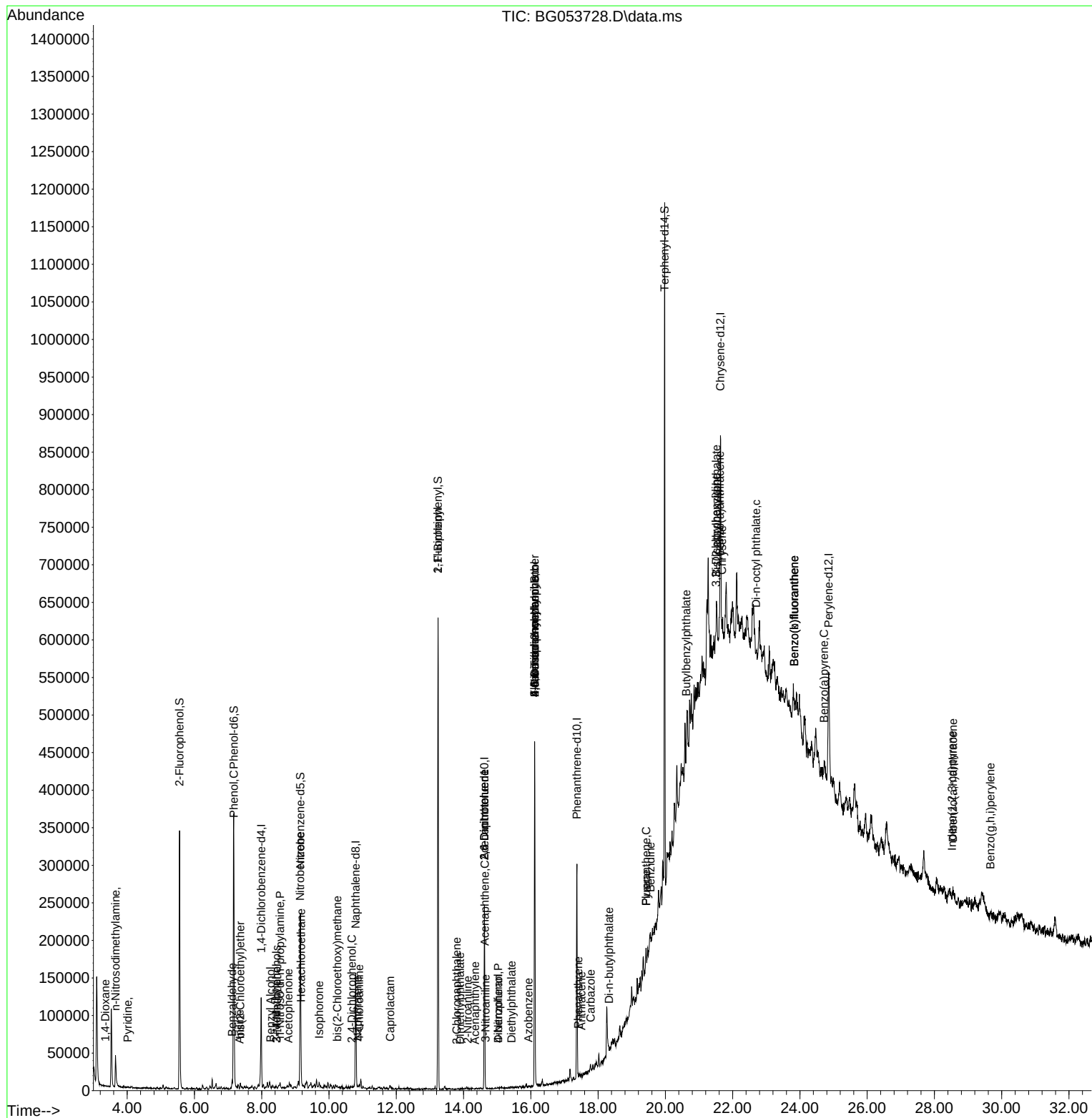
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 4-Bromophenyl-phenylether	16.114	248	6046	2.929	ng	# 1
71) Phenanthrene	17.406	178	1979	0.220	ng	# 78
72) Anthracene	17.506	178	1626	0.184	ng	# 84
73) Carbazole	17.782	167	898	0.104	ng	# 40
74) Di-n-butylphthalate	18.323	149	1519	0.156	ng	# 77
75) Fluoranthene	19.427	202	11315	0.972	ng	# 95
77) Benzidine	19.562	184	290	0.088	ng	# 1
78) Pyrene	19.427	202	11469	1.160	ng	# 97
80) Butylbenzylphthalate	20.619	149	512	0.141	ng	# 4
81) Benzo(a)anthracene	21.618	228	7406	0.760	ng	# 53
82) 3,3'-Dichlorobenzidine	21.507	252	1642	0.665	ng	# 42
83) Chrysene	21.683	228	11604	1.275	ng	# 62
84) Bis(2-ethylhexyl)phtha...	21.512	149	1306	0.261	ng	# 36
85) Di-n-octyl phthalate	22.699	149	438	0.052	ng	# 8
87) Indeno(1,2,3-cd)pyrene	28.521	276	1192	0.114	ng	# 56
88) Benzo(b)fluoranthene	23.833	252	4030	0.453	ng	# 1
89) Benzo(k)fluoranthene	23.833	252	4030	0.461	ng	# 1
90) Benzo(a)pyrene	24.714	252	4733	0.625	ng	# 1
91) Dibenzo(a,h)anthracene	28.550	278	471	0.055	ng	# 1
92) Benzo(g,h,i)perylene	29.666	276	729	0.085	ng	# 1

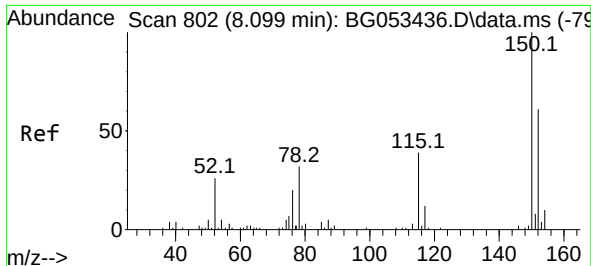
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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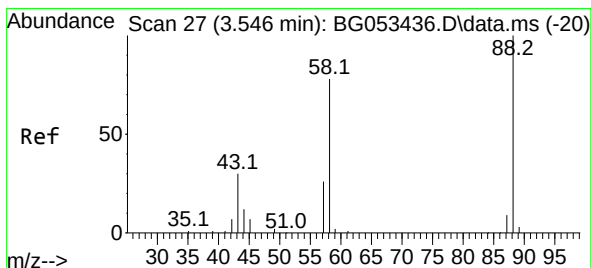
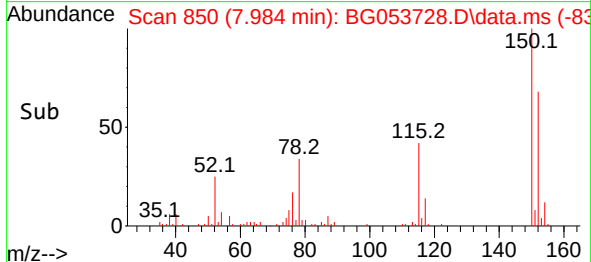
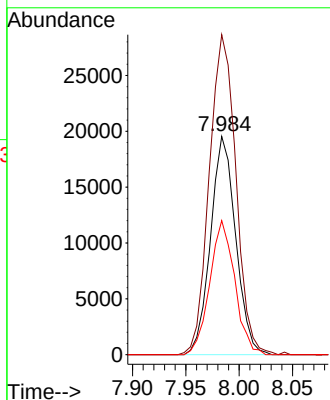
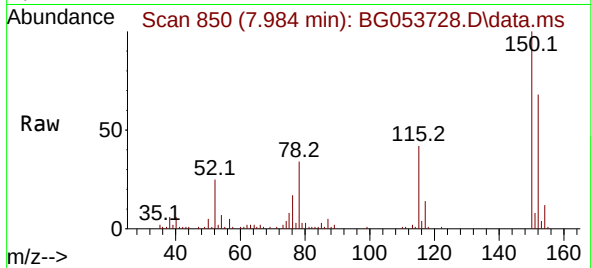




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG053728.D
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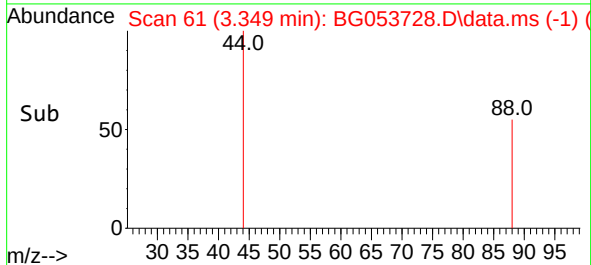
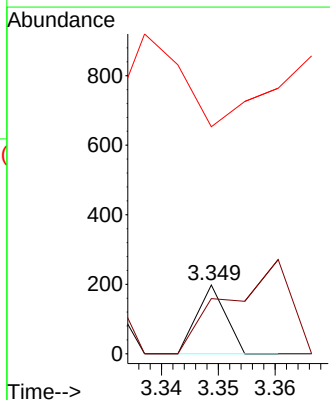
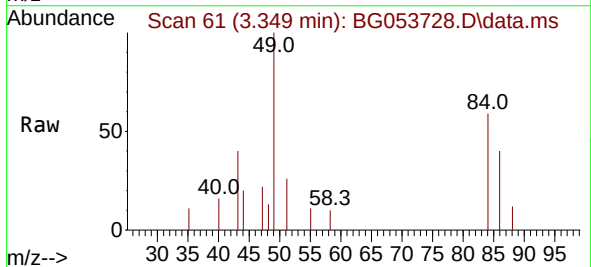
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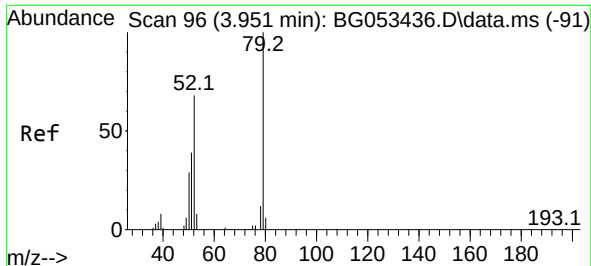
Tgt Ion:152 Resp: 32017
Ion Ratio Lower Upper
152 100
150 146.6 131.6 197.4
115 61.5 50.9 76.3



#2
1,4-Dioxane
Concen: 0.071 ng
RT: 3.349 min Scan# 61
Delta R.T. -0.050 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

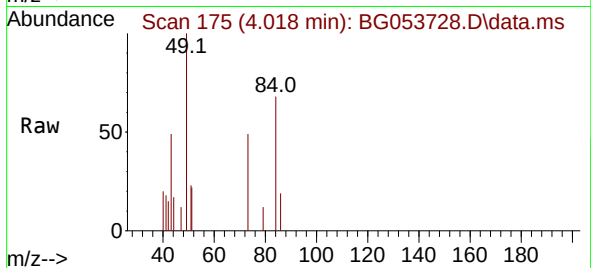
Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
58 0.0 59.2 88.8#
43 0.0 24.3 36.5#



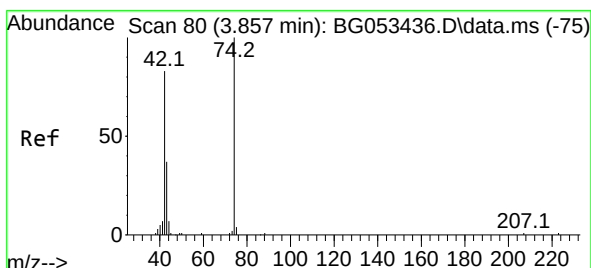
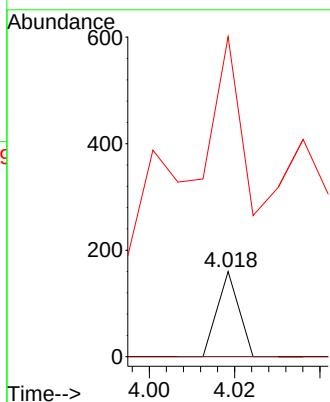
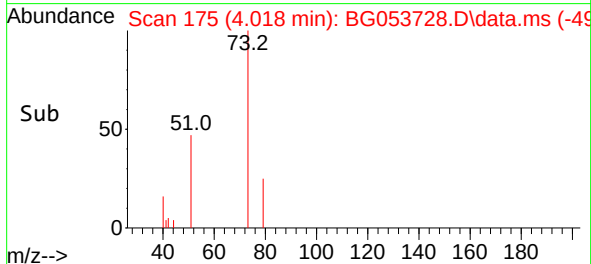


#3
Pyridine
Concen: 0.023 ng
RT: 4.018 min Scan# 11
Delta R.T. 0.209 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

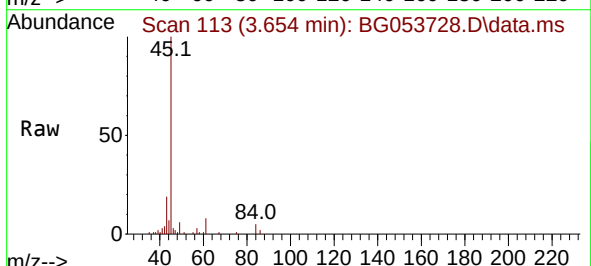
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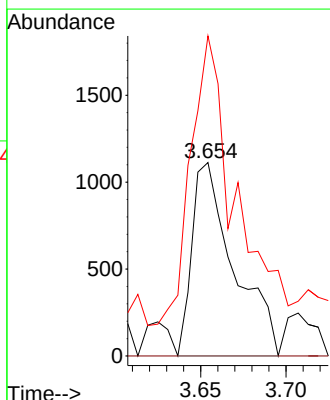
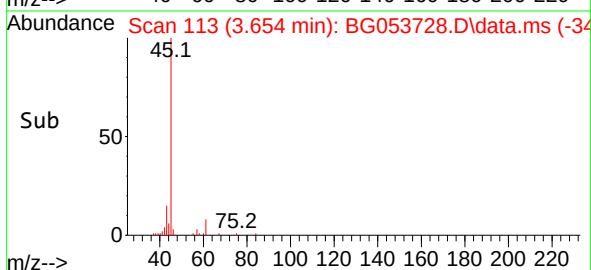
Tgt Ion: 79 Resp: 56
Ion Ratio Lower Upper
79 100
52 0.0 54.6 81.8#
51 375.6 32.5 48.7#

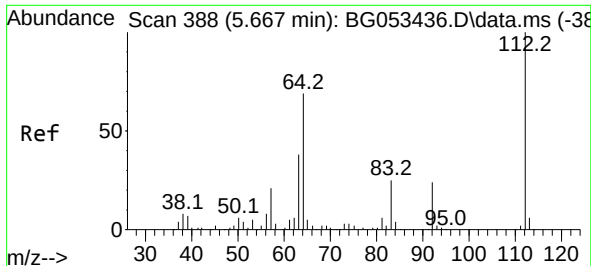


#4
n-Nitrosodimethylamine
Concen: 1.613 ng
RT: 3.654 min Scan# 113
Delta R.T. -0.067 min
Lab File: BG053728.D
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Tgt Ion: 42 Resp: 1899
Ion Ratio Lower Upper
42 100
74 0.0 97.0 145.4#
44 165.4 7.0 10.4#

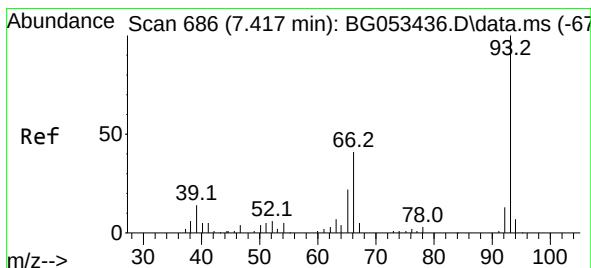
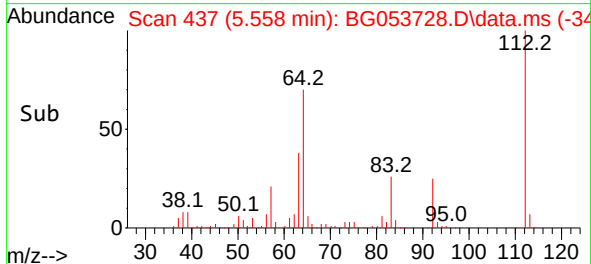
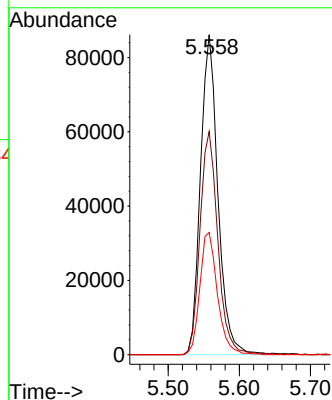
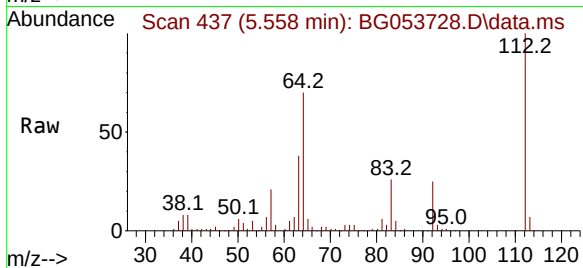




#5
2-Fluorophenol
Concen: 78.185 ng
RT: 5.558 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

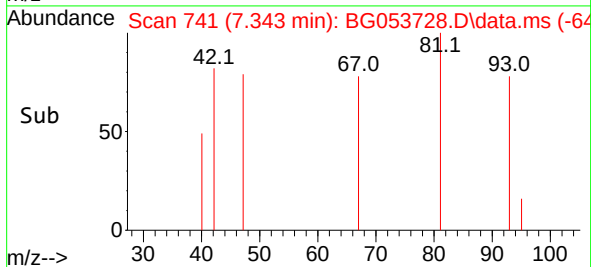
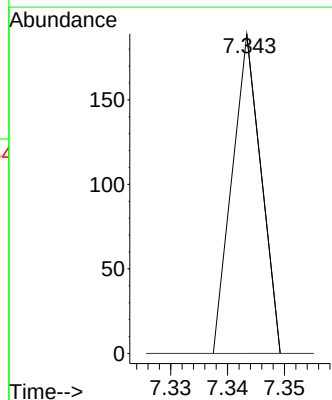
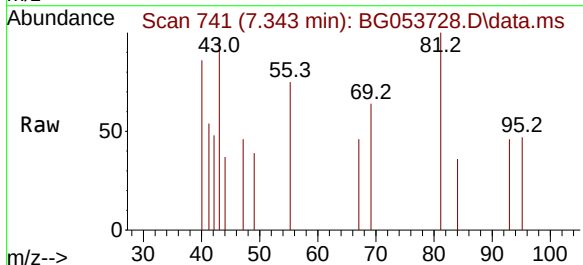
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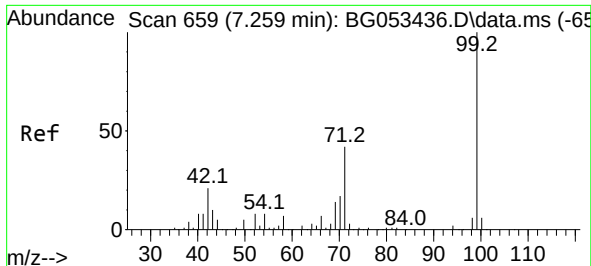
Tgt Ion:112 Resp: 147499
Ion Ratio Lower Upper
112 100
64 69.7 55.1 82.7
63 38.2 30.4 45.6



#6
Aniline
Concen: 0.021 ng
RT: 7.343 min Scan# 741
Delta R.T. 0.033 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion: 93 Resp: 67
Ion Ratio Lower Upper
93 100
66 0.0 32.9 49.3#
65 0.0 17.8 26.8#

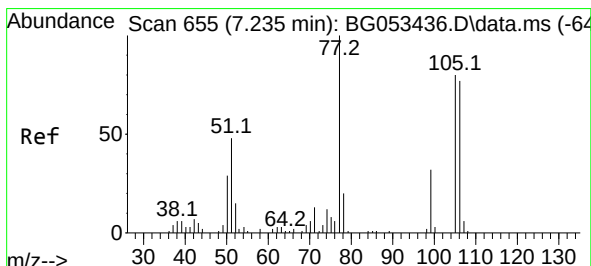
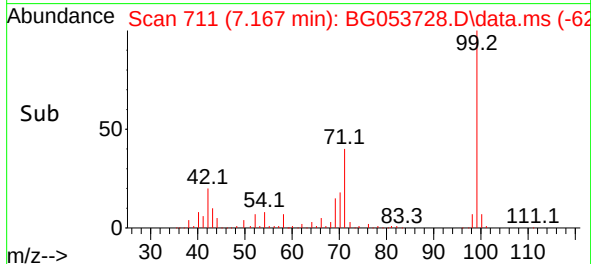
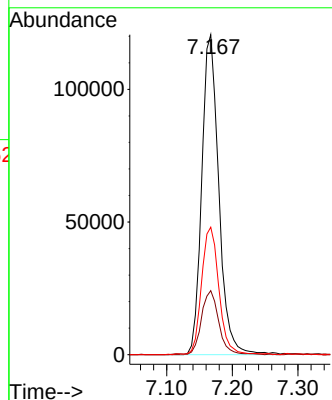
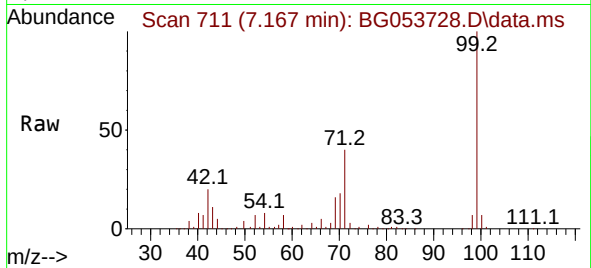




#7
Phenol-d6
Concen: 76.250 ng
RT: 7.167 min Scan# 71
Delta R.T. 0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

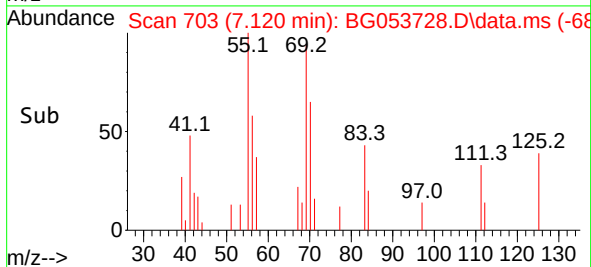
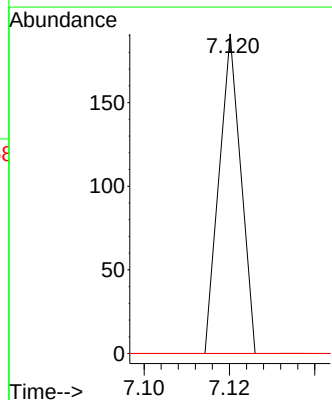
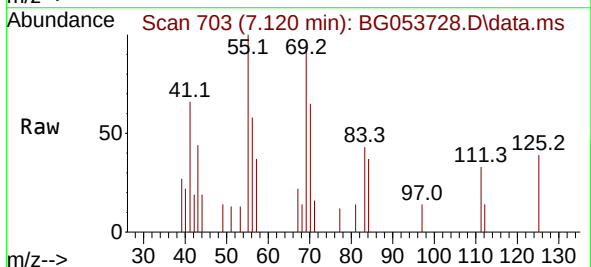
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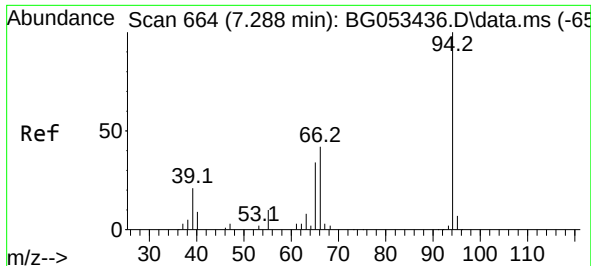
Tgt Ion: 99 Resp: 218312
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 39.8 33.8 50.8



#9
Benzaldehyde
Concen: 0.037 ng
RT: 7.120 min Scan# 703
Delta R.T. -0.002 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion: 77 Resp: 67
Ion Ratio Lower Upper
77 100
105 0.0 59.6 99.6#
106 0.0 56.8 96.8#

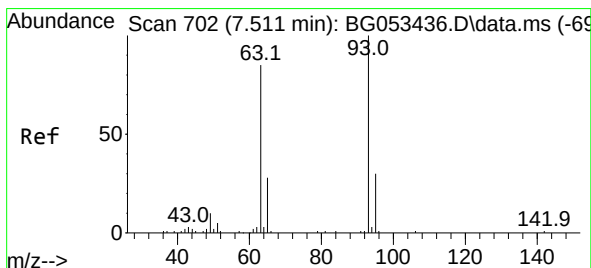
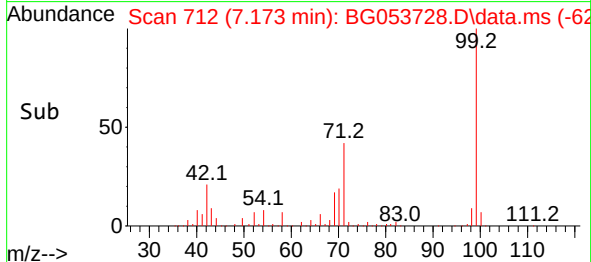
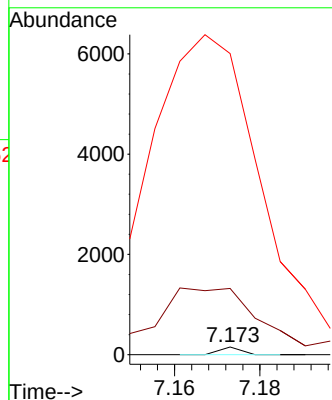
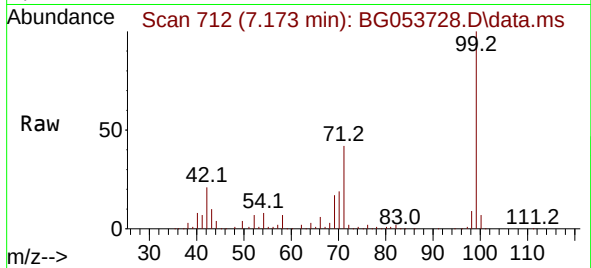




#10
Phenol
Concen: 0.019 ng
RT: 7.173 min Scan# 71
Delta R.T. -0.014 min
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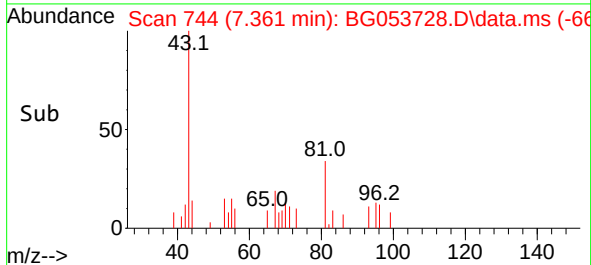
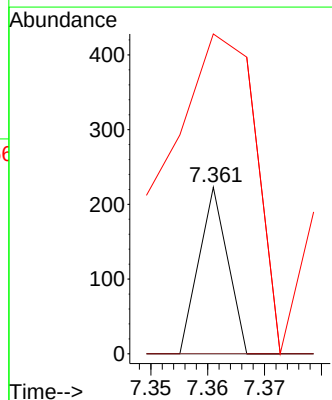
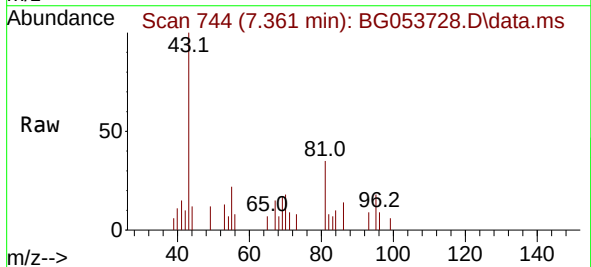
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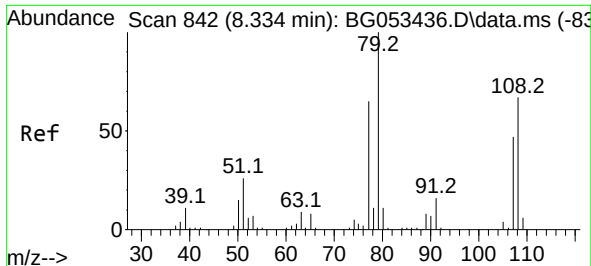
Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
65 857.8 14.8 54.8#
66 3901.9 25.2 65.2#



#11
bis(2-Chloroethyl)ether
Concen: 0.038 ng
RT: 7.361 min Scan# 744
Delta R.T. -0.044 min
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Tgt Ion: 93 Resp: 79
Ion Ratio Lower Upper
93 100
63 0.0 63.6 103.6#
95 191.9 10.1 50.1#

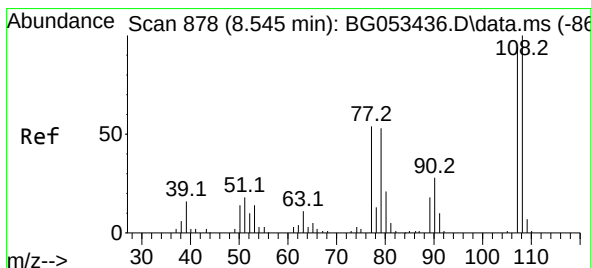
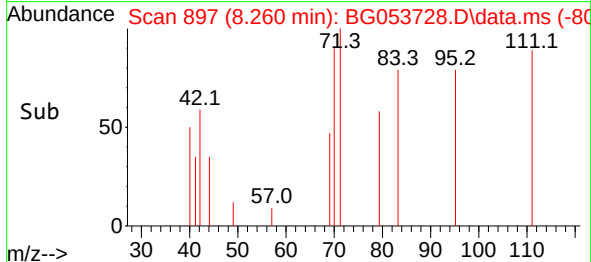
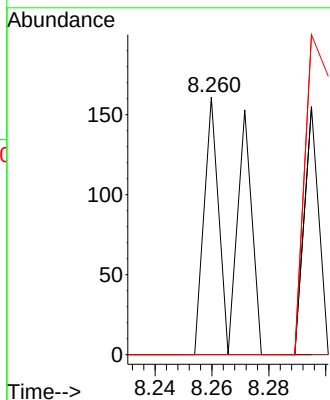
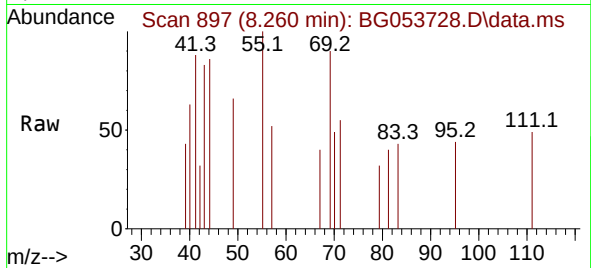




#15
Benzyl Alcohol
Concen: 0.046 ng
RT: 8.260 min Scan# 842
Delta R.T. 0.033 min
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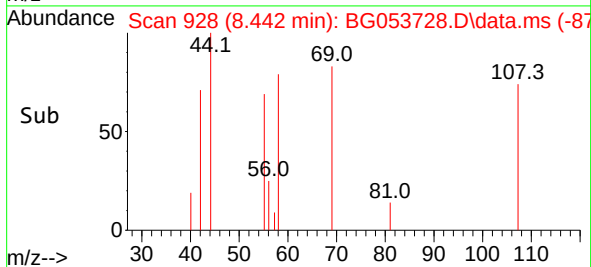
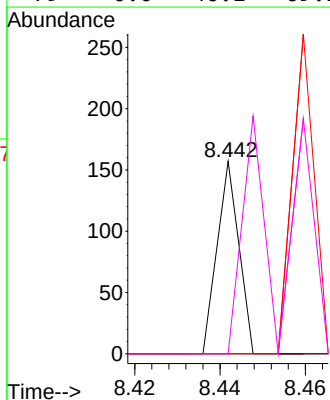
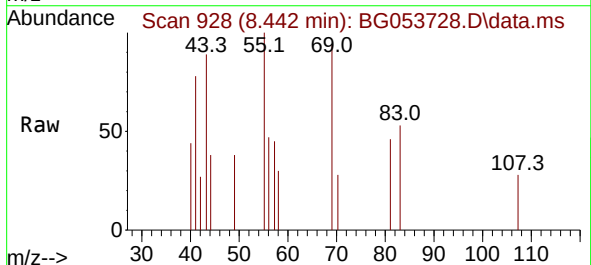
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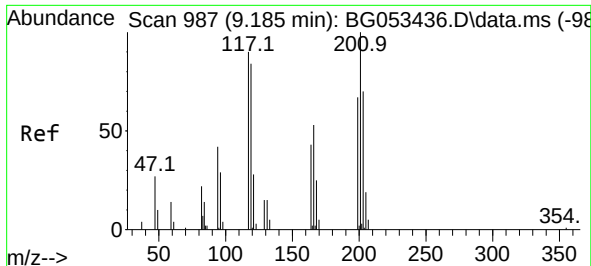
Tgt Ion: 79 Resp: 111
Ion Ratio Lower Upper
79 100
108 0.0 53.7 80.5#
77 0.0 52.2 78.4#



#17
2-Methylphenol
Concen: 0.029 ng
RT: 8.442 min Scan# 928
Delta R.T. -0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion: 107 Resp: 55
Ion Ratio Lower Upper
107 100
108 0.0 85.4 128.0#
77 0.0 46.2 69.2#
79 0.0 46.1 69.1#

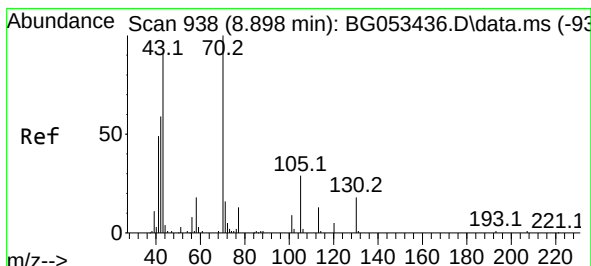
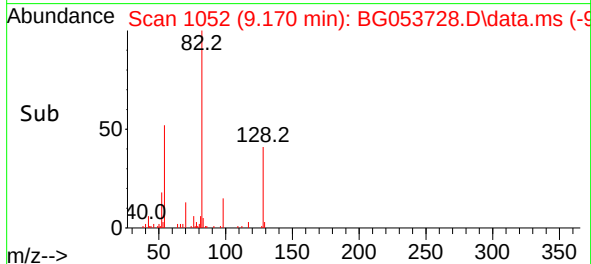
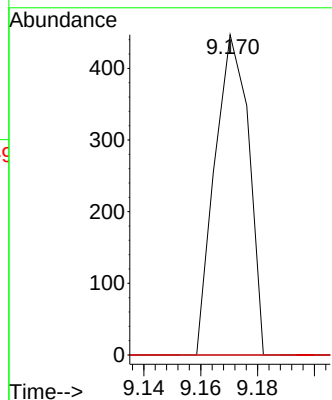
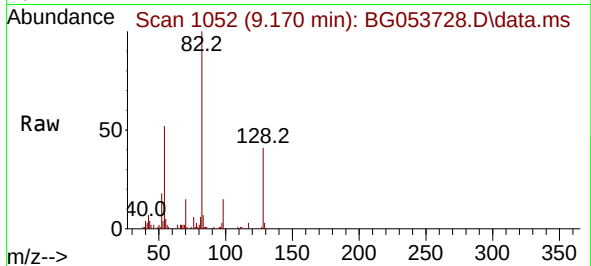




#18
Hexachloroethane
Concen: 0.415 ng
RT: 9.170 min Scan# 1052
Delta R.T. 0.103 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

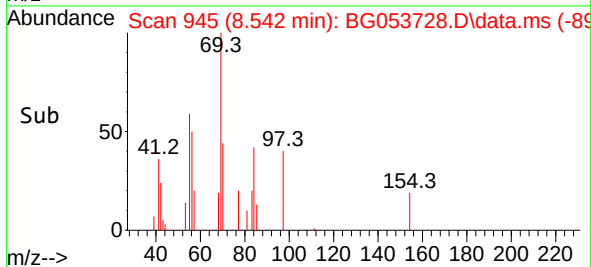
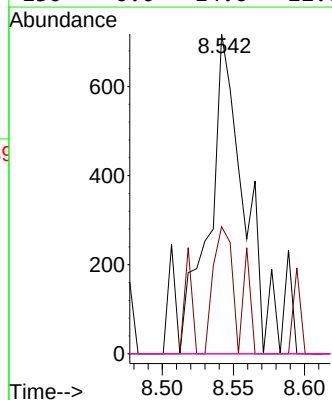
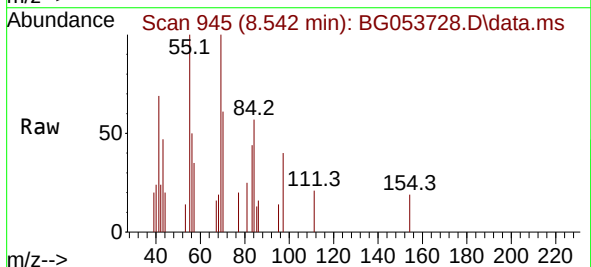
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

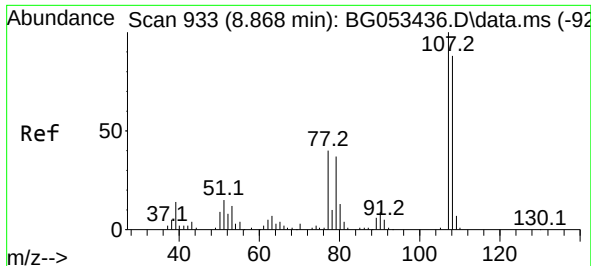
Tgt Ion:117 Resp: 370
Ion Ratio Lower Upper
117 100
119 0.0 75.0 112.6#
201 0.0 89.0 133.6#



#19
n-Nitroso-di-n-propylamine
Concen: 0.596 ng
RT: 8.542 min Scan# 945
Delta R.T. -0.255 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

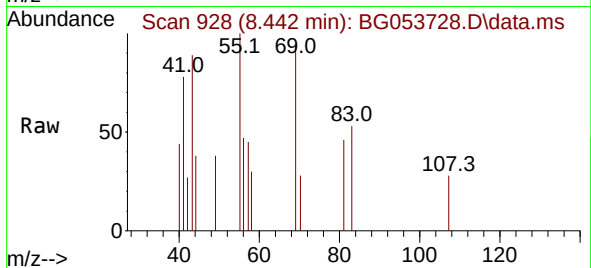
Tgt Ion: 70 Resp: 1224
Ion Ratio Lower Upper
70 100
42 39.7 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#



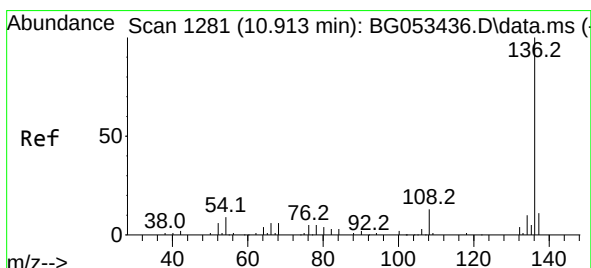
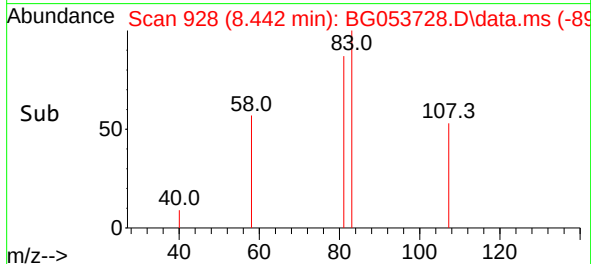
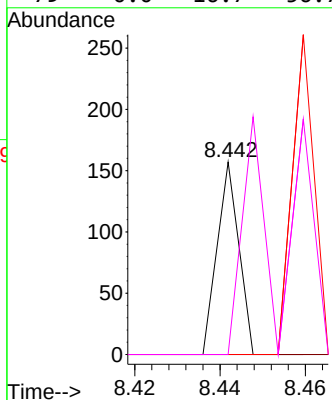


#20
3+4-Methylphenols
Concen: 0.021 ng
RT: 8.442 min Scan# 91
Delta R.T. -0.331 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

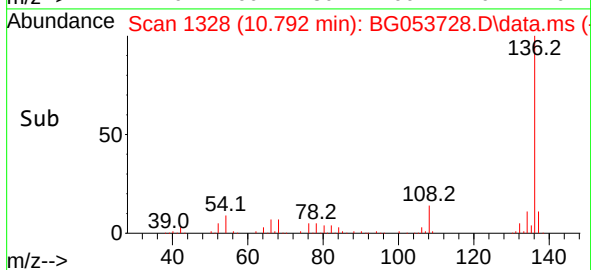
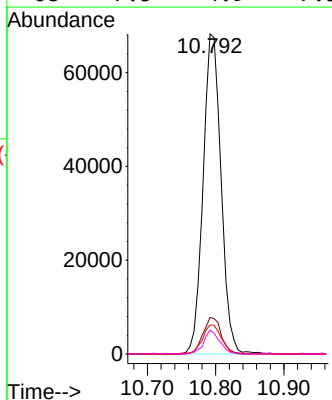
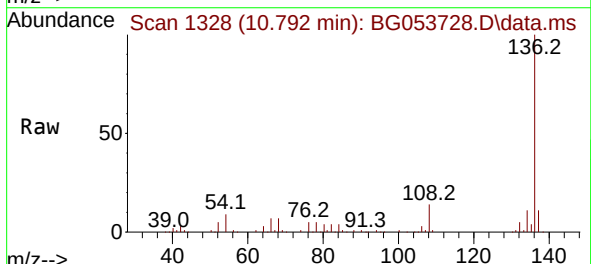


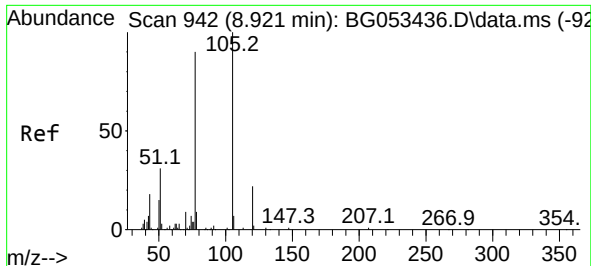
Tgt Ion:107 Resp: 55
Ion Ratio Lower Upper
107 100
108 0.0 67.5 107.5#
77 0.0 20.3 60.3#
79 0.0 16.7 56.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.792 min Scan# 1328
Delta R.T. -0.008 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:136 Resp: 125161
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 9.0 7.4 11.2
68 7.5 4.9 7.3#

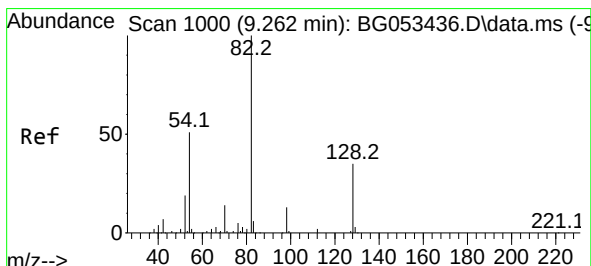
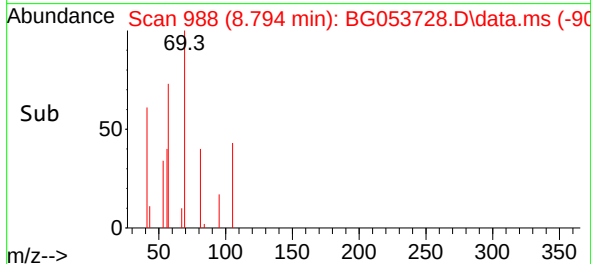
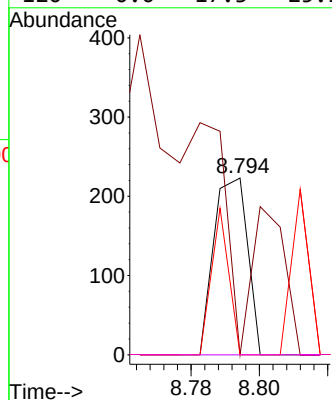
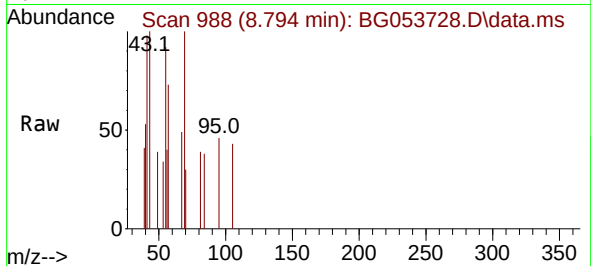




#22
Acetophenone
Concen: 0.045 ng
RT: 8.794 min Scan# 91
Delta R.T. -0.020 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

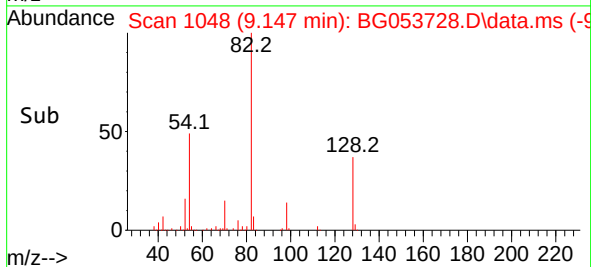
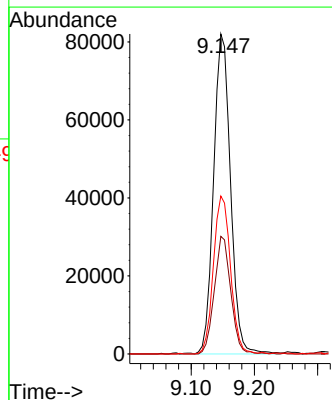
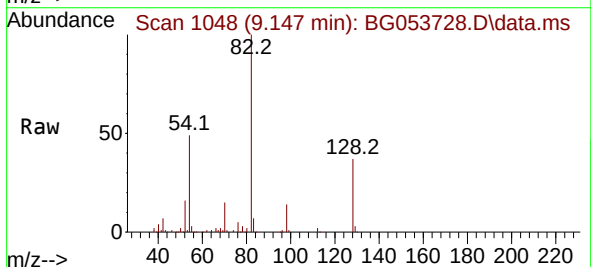
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

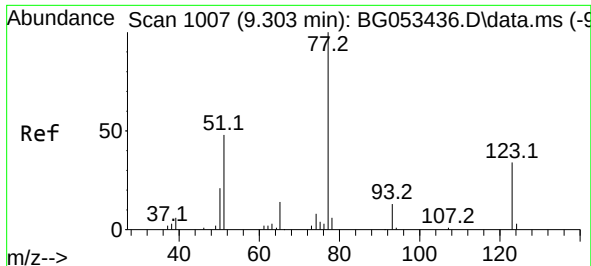
Tgt Ion:	105	Resp:	153
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.1	1.7#
51	0.0	25.4	38.0#
120	0.0	17.3	25.9#



#23
Nitrobenzene-d5
Concen: 51.859 ng
RT: 9.147 min Scan# 1048
Delta R.T. -0.008 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:	82	Resp:	152478
Ion	Ratio	Lower	Upper
82	100		
128	36.7	27.9	41.9
54	49.3	41.2	61.8

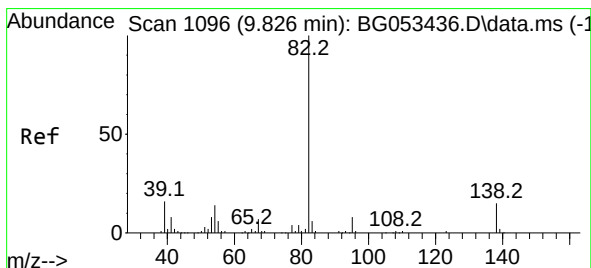
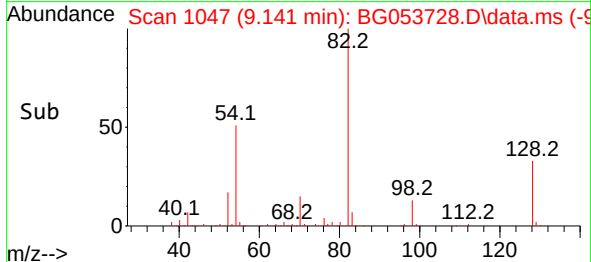
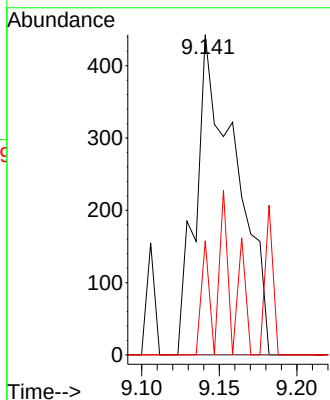
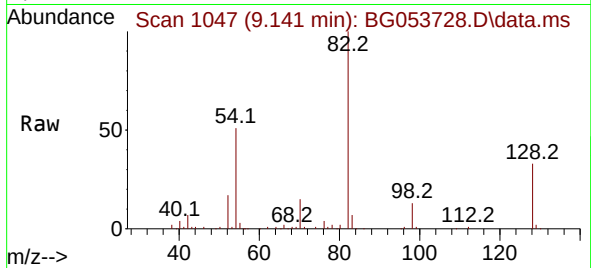




#24
Nitrobenzene
Concen: 0.281 ng
RT: 9.141 min Scan# 1104
Delta R.T. -0.055 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

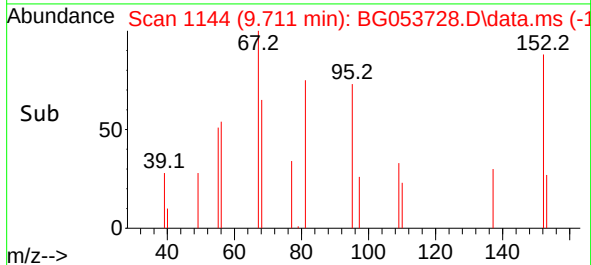
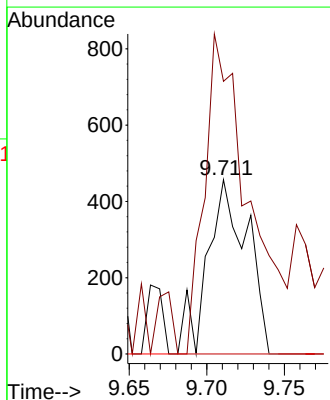
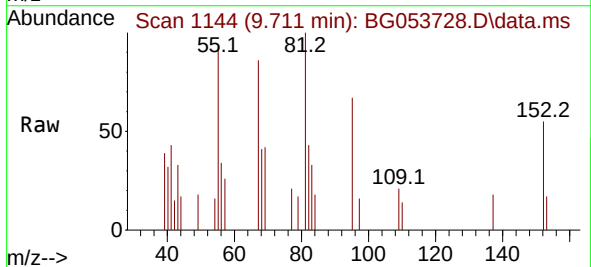
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

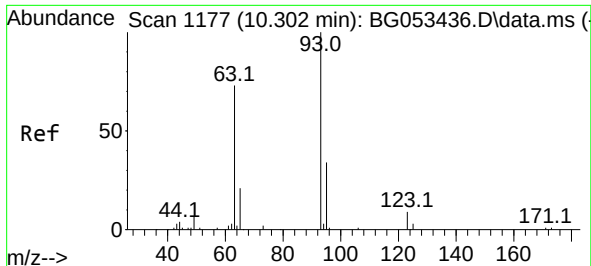
Tgt Ion: 77 Resp: 800
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 35.7 11.4 17.0#



#25
Isophorone
Concen: 0.165 ng
RT: 9.711 min Scan# 1144
Delta R.T. -0.008 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion: 82 Resp: 818
Ion Ratio Lower Upper
82 100
95 156.5 6.2 9.4#
138 0.0 11.6 17.4#

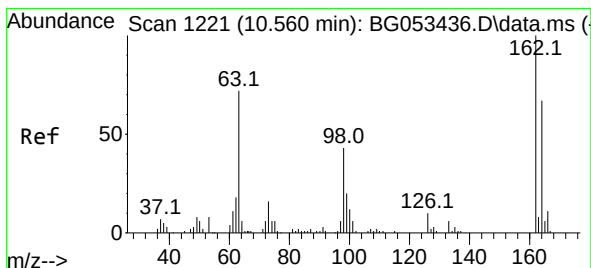
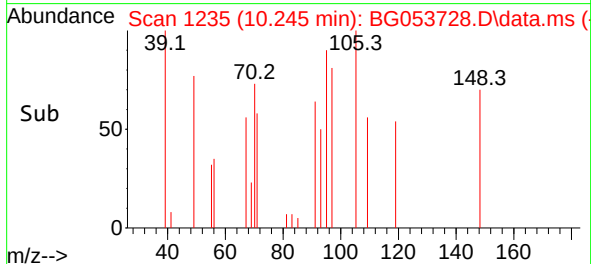
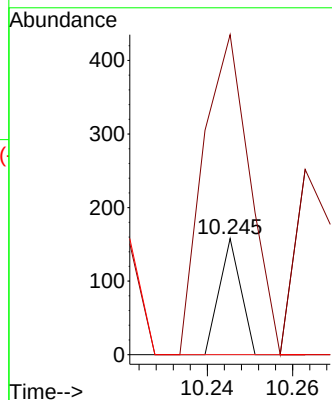
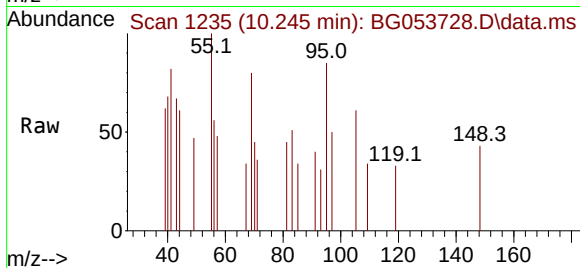




#28
bis(2-Chloroethoxy)methane
Concen: 0.020 ng
RT: 10.245 min Scan# 1177
Delta R.T. 0.045 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

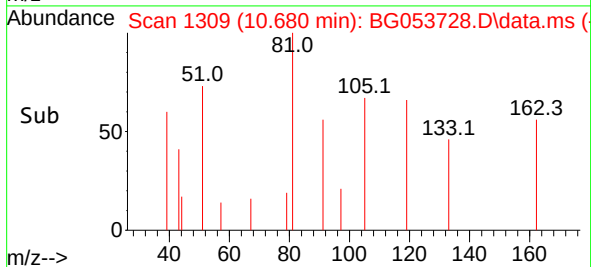
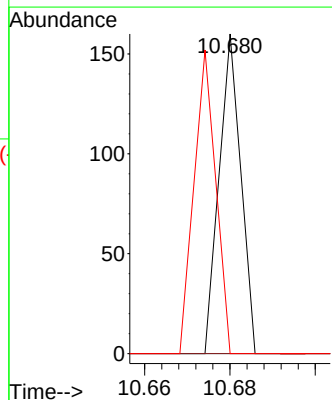
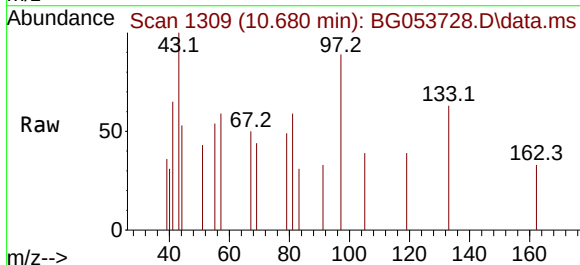
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

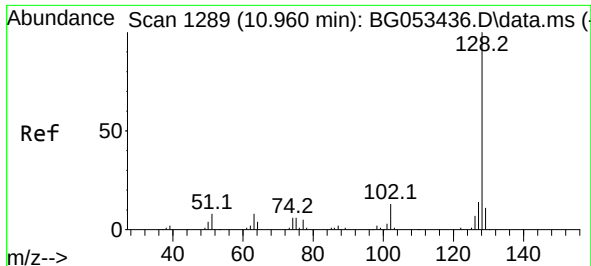
Tgt Ion: 93 Resp: 56
Ion Ratio Lower Upper
93 100
95 275.3 26.9 40.3#
123 0.0 7.7 11.5#



#29
2,4-Dichlorophenol
Concen: 0.027 ng
RT: 10.680 min Scan# 1309
Delta R.T. 0.221 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion: 162 Resp: 56
Ion Ratio Lower Upper
162 100
164 0.0 46.6 86.6#
98 0.0 22.8 62.8#

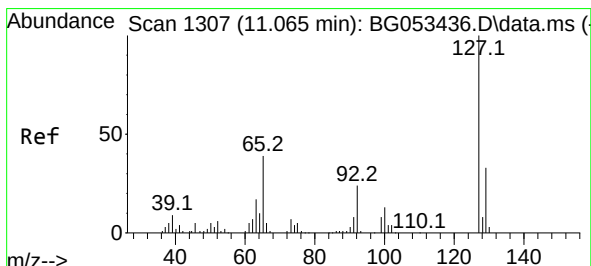
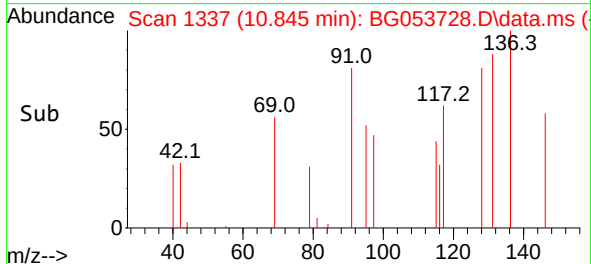
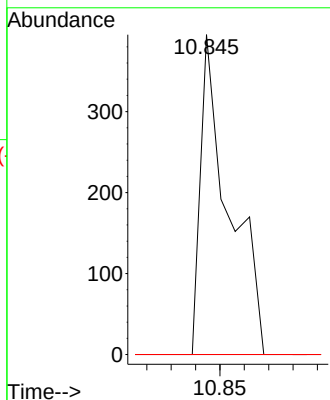
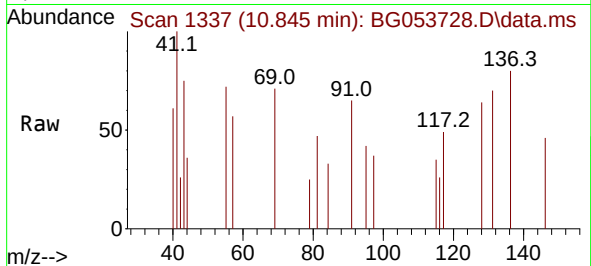




#31
Naphthalene
Concen: 0.050 ng
RT: 10.845 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

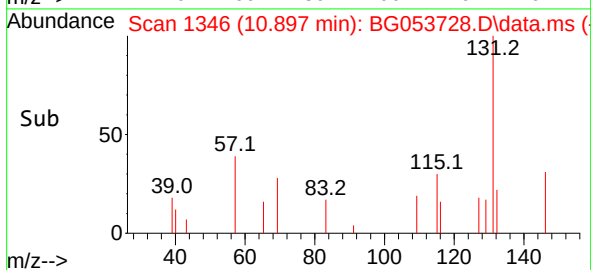
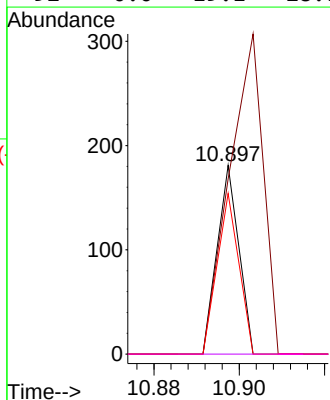
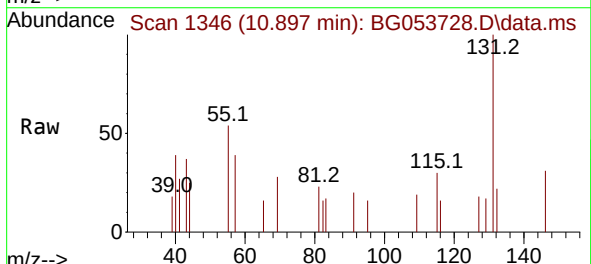
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

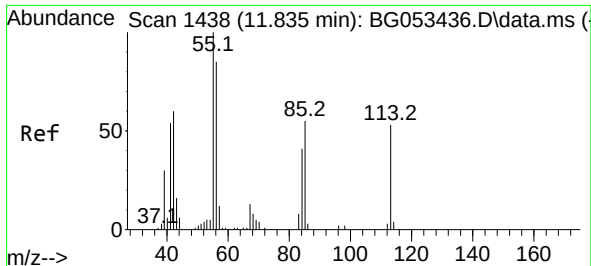
Tgt Ion:128 Resp: 320
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.6#
127 0.0 11.1 16.7#



#33
4-Chloroaniline
Concen: 0.024 ng
RT: 10.897 min Scan# 1346
Delta R.T. -0.061 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:127 Resp: 64
Ion Ratio Lower Upper
127 100
129 92.8 26.3 39.5#
65 85.1 31.1 46.7#
92 0.0 19.1 28.7#

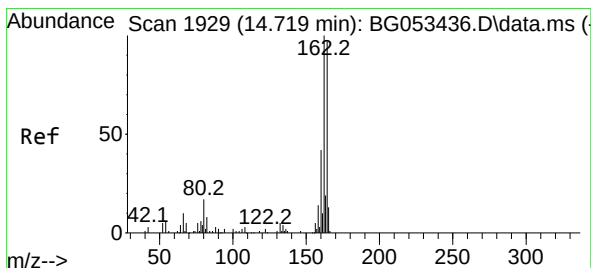
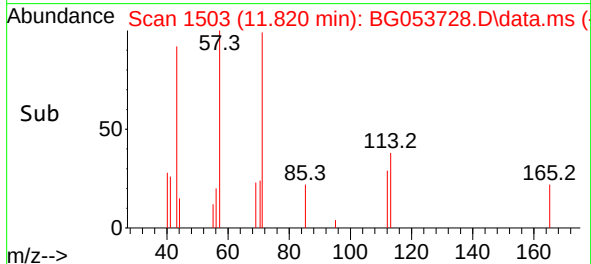
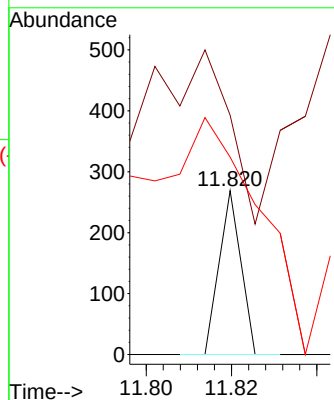
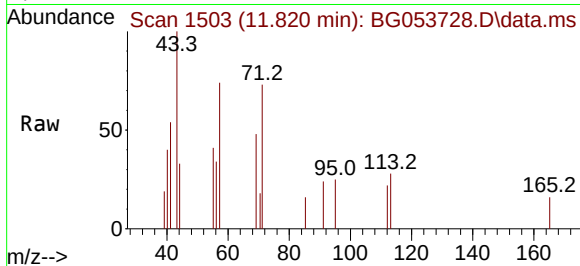




#35
 Caprolactam
 Concen: 0.125 ng
 RT: 11.820 min Scan# 11
 Delta R.T. 0.080 min
 Lab File: BG053728.D
 Acq: 26 May 2022 22:21

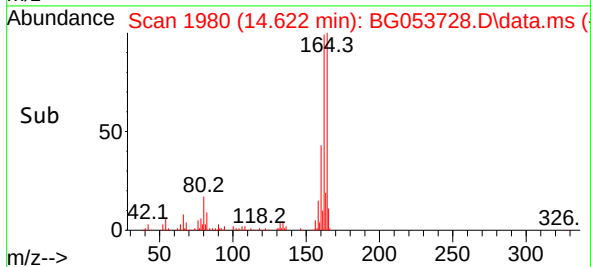
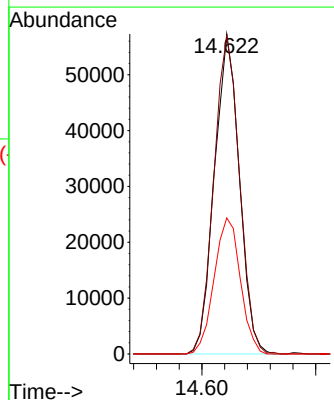
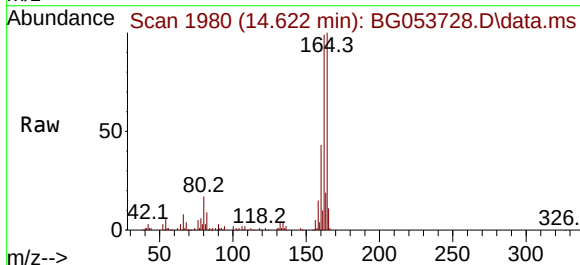
Instrument :
 BNA_G
 ClientSampleId :
 SU-406-ROLL-OFF

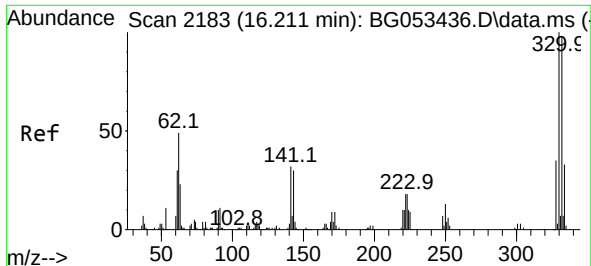
Tgt Ion:113 Resp: 95
 Ion Ratio Lower Upper
 113 100
 55 146.1 169.8 209.8#
 56 120.4 141.2 181.2#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.622 min Scan# 1980
 Delta R.T. -0.002 min
 Lab File: BG053728.D
 Acq: 26 May 2022 22:21

Tgt Ion:164 Resp: 87099
 Ion Ratio Lower Upper
 164 100
 162 99.3 82.3 123.5
 160 42.5 34.2 51.2

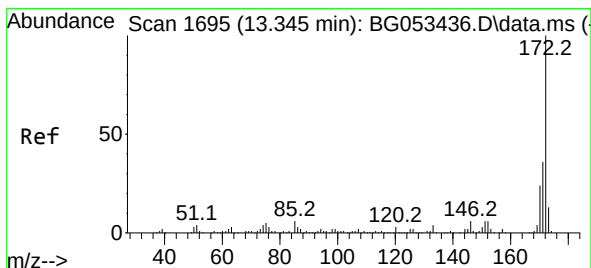
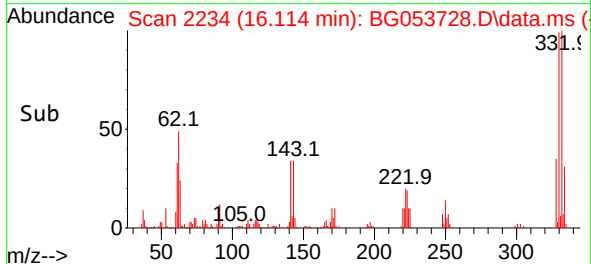
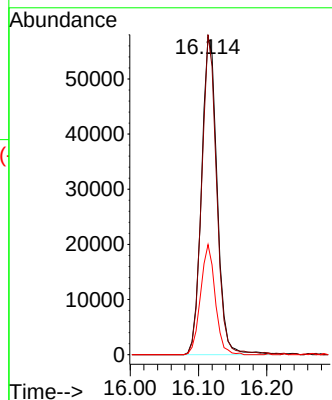
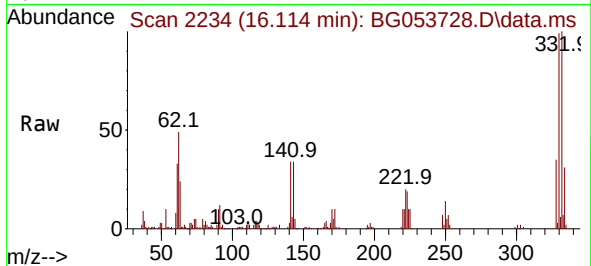




#42
2,4,6-Tribromophenol
Concen: 71.285 ng
RT: 16.114 min Scan# 2183
Delta R.T. -0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

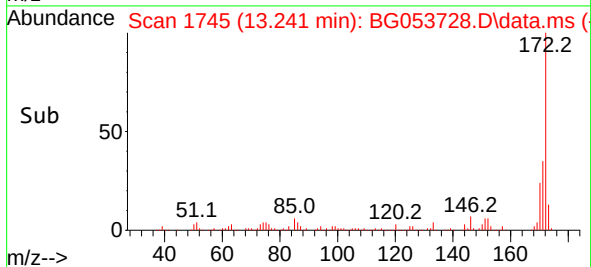
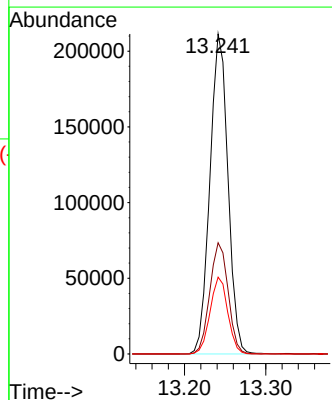
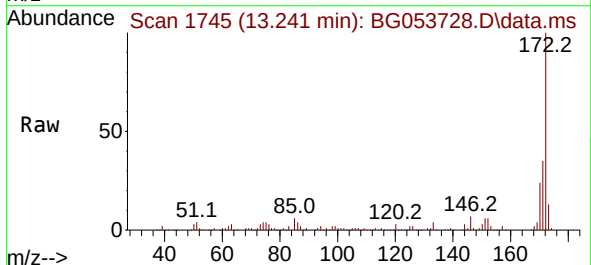
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

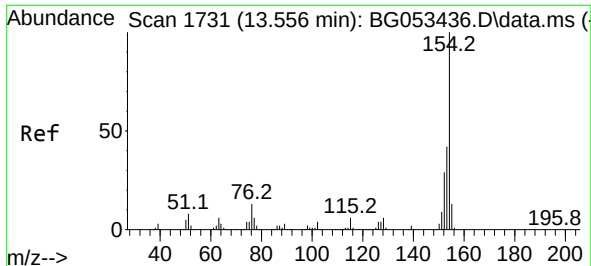
Tgt Ion:330 Resp: 91573
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 32.6 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 54.670 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.002 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:172 Resp: 325857
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 24.0 18.9 28.3





#46

1,1'-Biphenyl

Concen: 0.096 ng

RT: 13.241 min Scan# 1

Delta R.T. -0.220 min

Lab File: BG053728.D

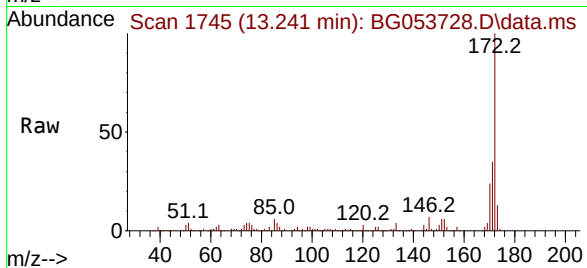
Acq: 26 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

SU-406-ROLL-OFF



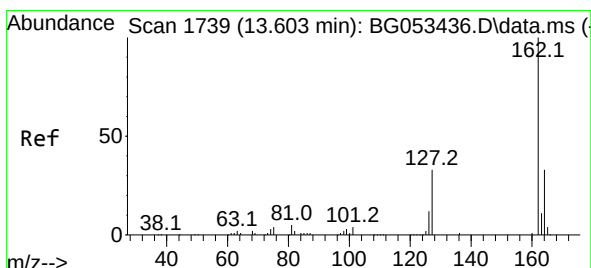
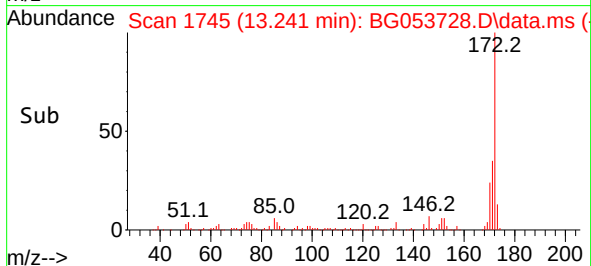
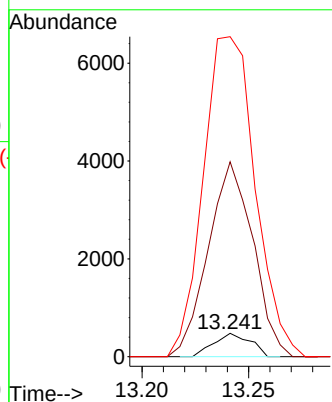
Tgt Ion:154 Resp: 571

Ion Ratio Lower Upper

154 100

153 835.2 21.6 61.6#

76 1371.5 0.0 32.6#



#47

2-Chloronaphthalene

Concen: 0.017 ng

RT: 13.793 min Scan# 1839

Delta R.T. 0.291 min

Lab File: BG053728.D

Acq: 26 May 2022 22:21

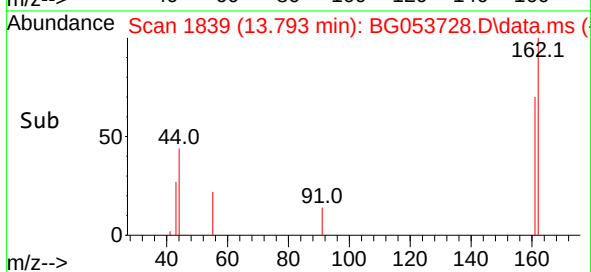
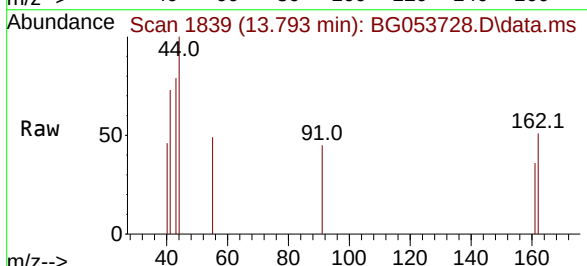
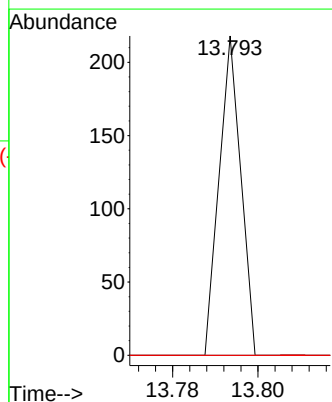
Tgt Ion:162 Resp: 77

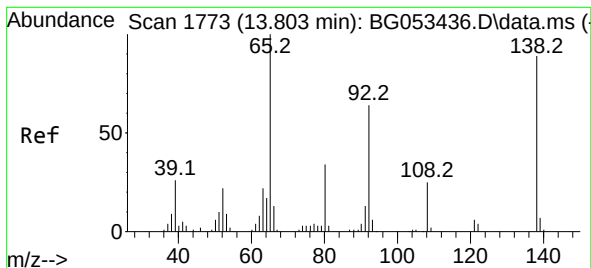
Ion Ratio Lower Upper

162 100

127 0.0 30.6 45.8#

164 0.0 26.5 39.7#

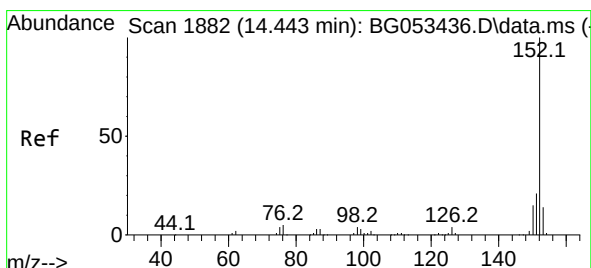
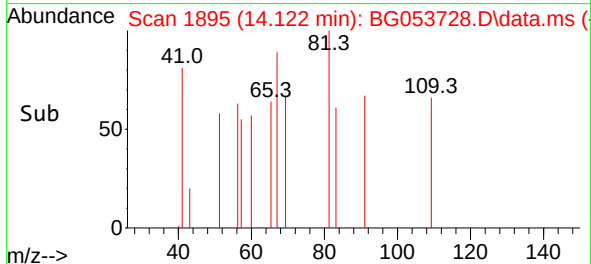
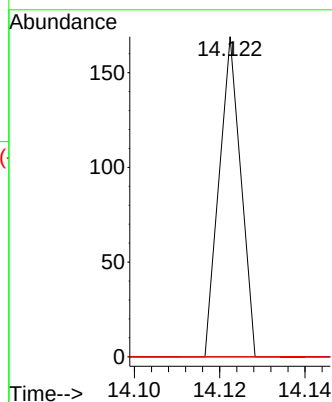
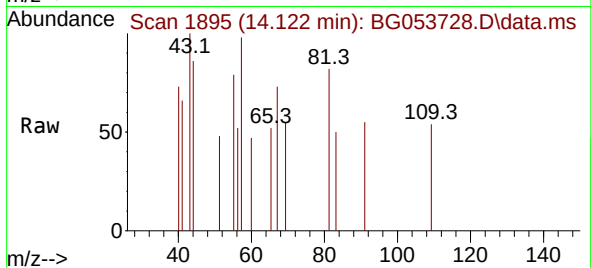




#48
2-Nitroaniline
Concen: 0.035 ng
RT: 14.122 min Scan# 11
Delta R.T. 0.415 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

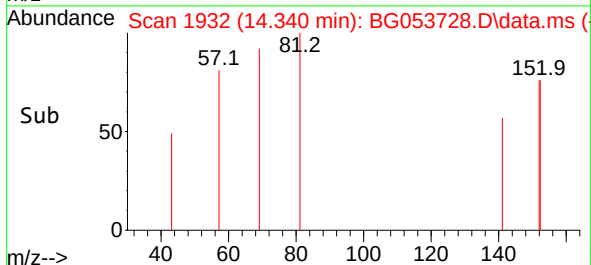
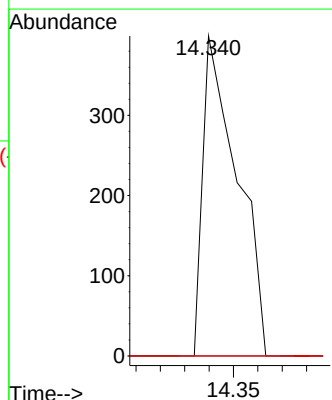
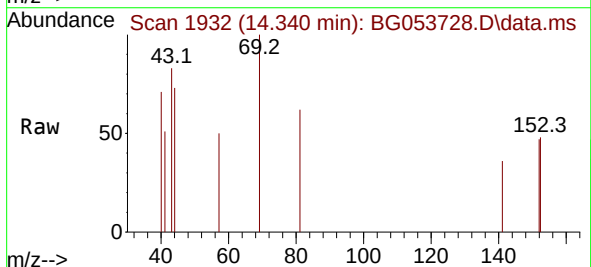
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

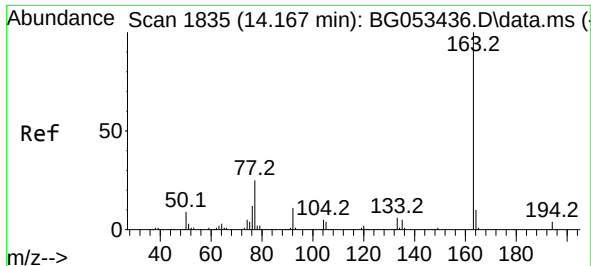
Tgt Ion: 65 Resp: 60
Ion Ratio Lower Upper
65 100
92 0.0 51.5 77.3#
138 0.0 71.3 106.9#



#49
Acenaphthylene
Concen: 0.053 ng
RT: 14.340 min Scan# 1932
Delta R.T. -0.008 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion: 152 Resp: 392
Ion Ratio Lower Upper
152 100
151 0.0 16.4 24.6#
153 0.0 10.8 16.2#

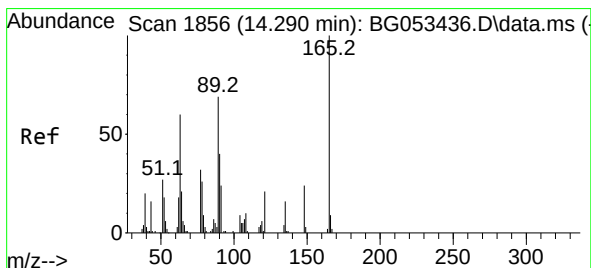
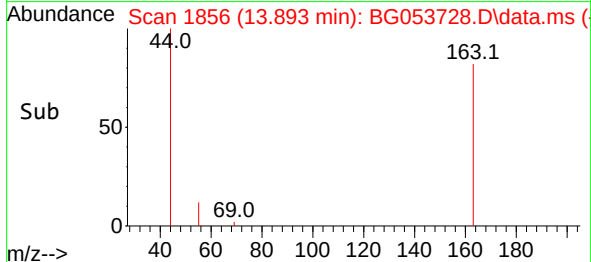
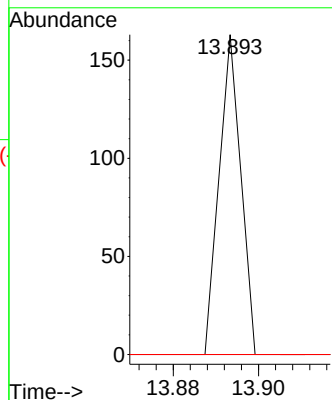
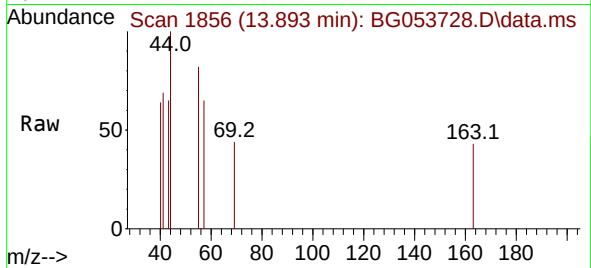




#50
Dimethylphthalate
Concen: 0.009 ng
RT: 13.893 min Scan# 11
Delta R.T. -0.185 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

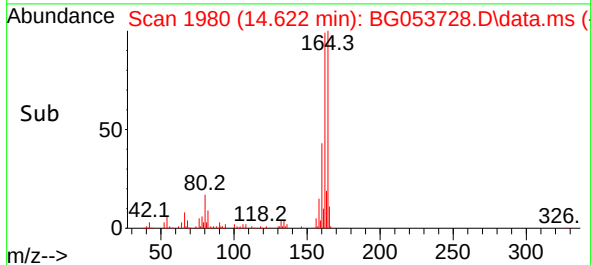
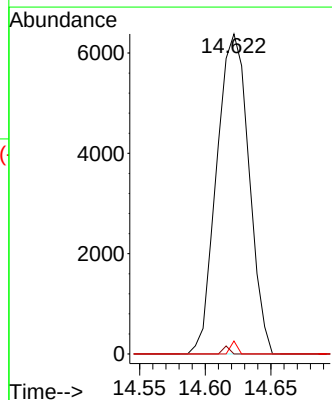
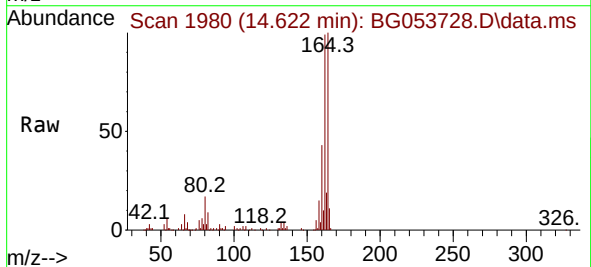
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

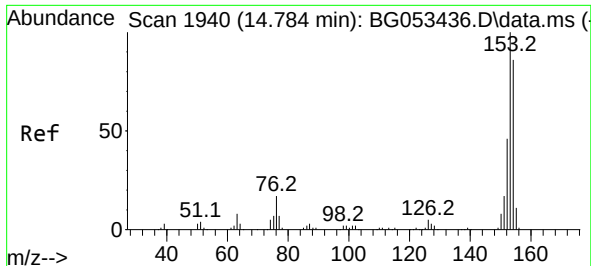
Tgt Ion:163 Resp: 57
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 0.0 8.0 12.0#



#51
2,6-Dinitrotoluene
Concen: 8.078 ng
RT: 14.622 min Scan# 1980
Delta R.T. 0.420 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:165 Resp: 10893
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 4.1 54.8 82.2#

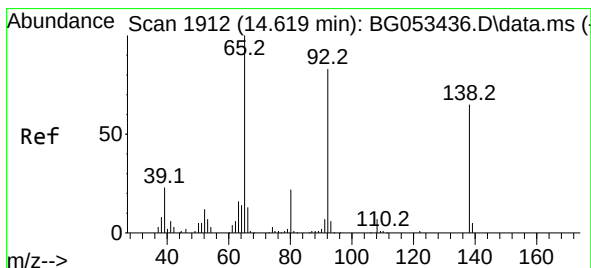
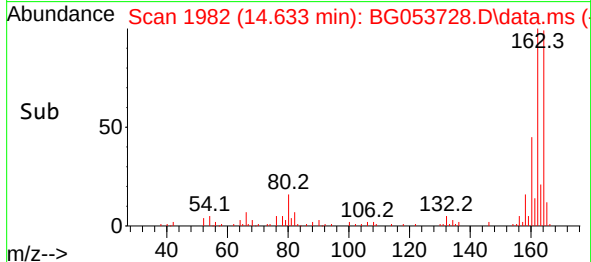
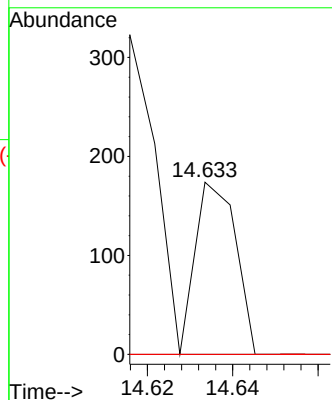
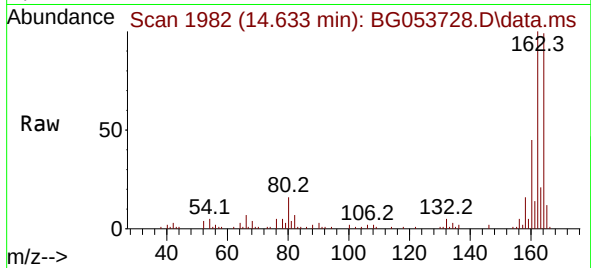




#52
Acenaphthene
Concen: 0.026 ng
RT: 14.633 min Scan# 1940
Delta R.T. -0.055 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

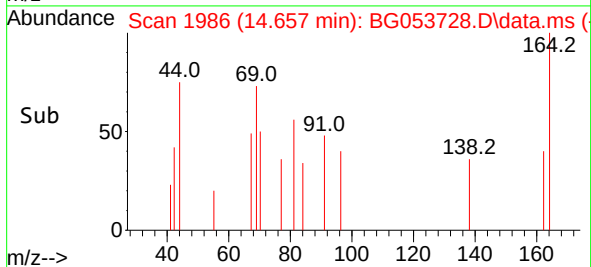
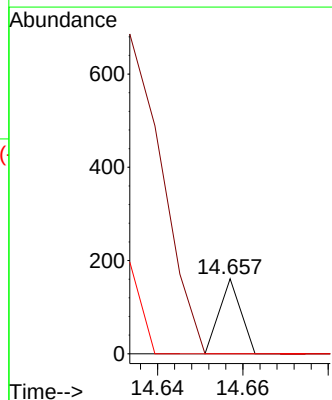
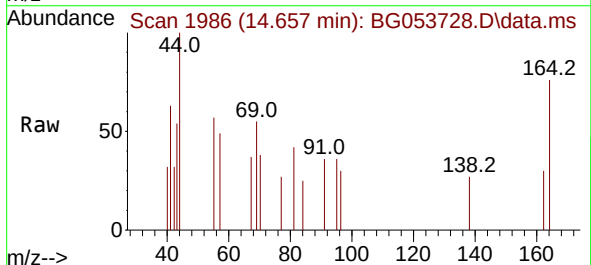
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

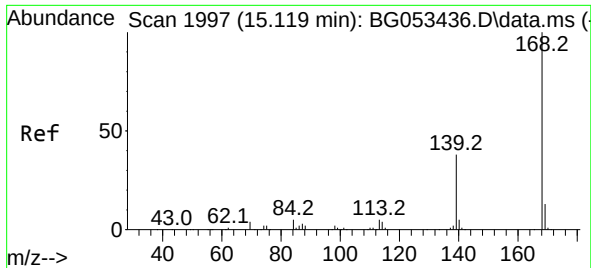
Tgt Ion:154 Resp: 115
Ion Ratio Lower Upper
154 100
153 0.0 92.7 139.1#
152 0.0 42.6 64.0#



#53
3-Nitroaniline
Concen: 0.039 ng
RT: 14.657 min Scan# 1986
Delta R.T. 0.121 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:138 Resp: 57
Ion Ratio Lower Upper
138 100
108 0.0 9.2 13.8#
92 0.0 101.9 152.9#

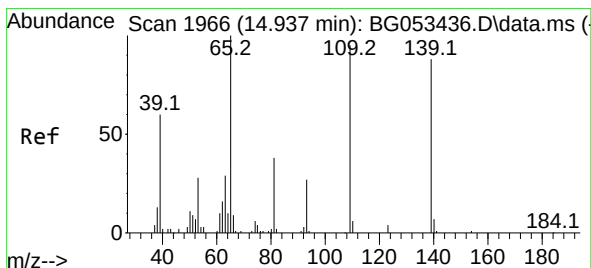
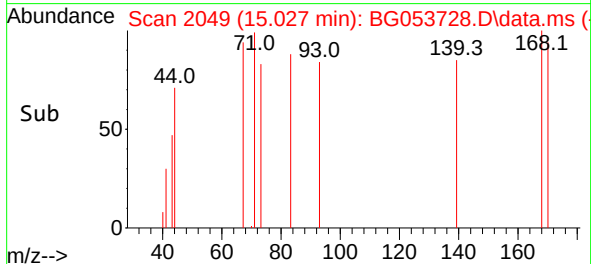
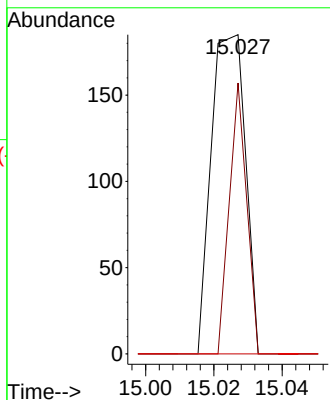
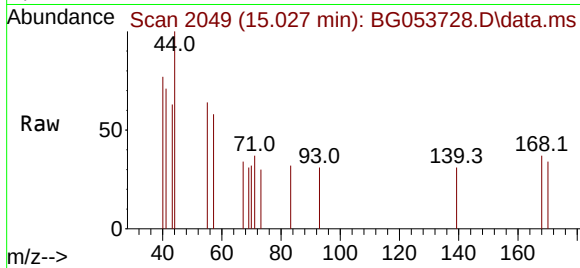




#55
Dibenzenofuran
Concen: 0.016 ng
RT: 15.027 min Scan# 2049
Delta R.T. 0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

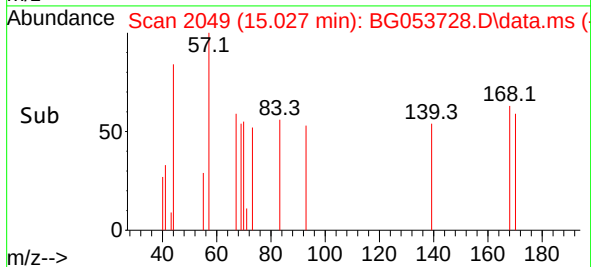
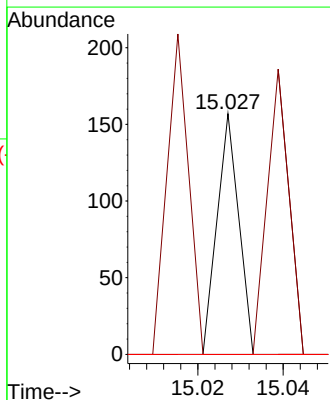
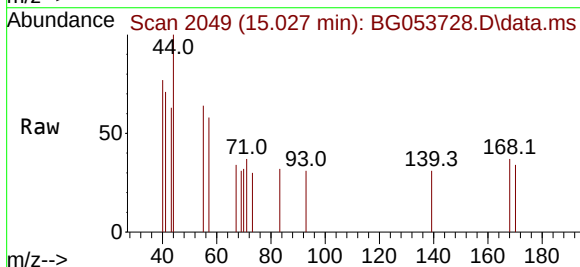
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

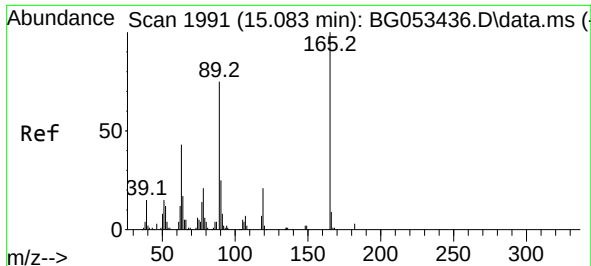
Tgt Ion:168 Resp: 129
Ion Ratio Lower Upper
168 100
139 84.9 30.5 45.7#
169 0.0 10.3 15.5#



#56
4-Nitrophenol
Concen: 0.053 ng
RT: 15.027 min Scan# 2049
Delta R.T. 0.162 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 0.0 88.5 128.5#
65 0.0 93.9 133.9#

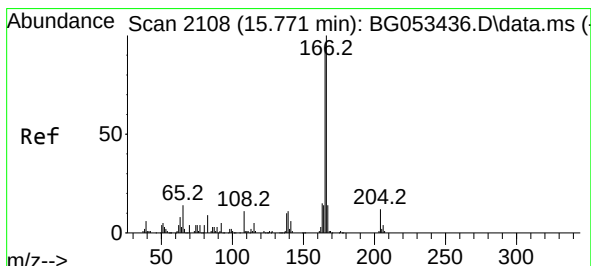
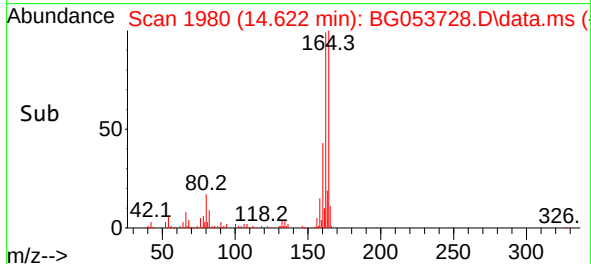
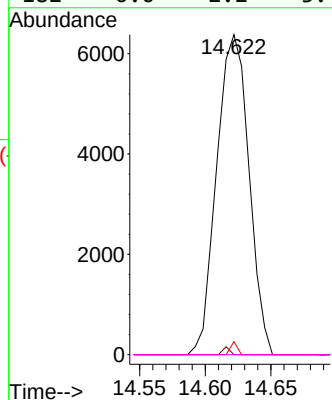
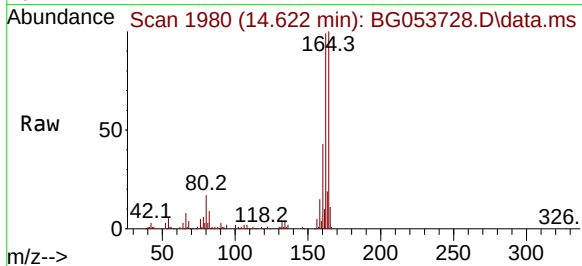




#57
2,4-Dinitrotoluene
Concen: 5.573 ng
RT: 14.622 min Scan# 1991
Delta R.T. -0.373 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

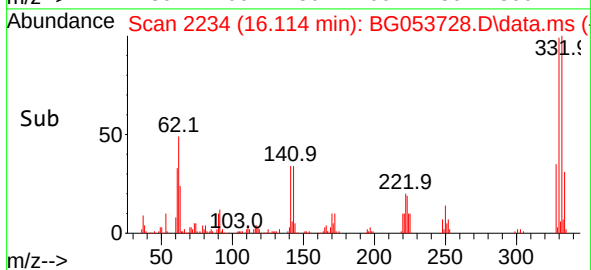
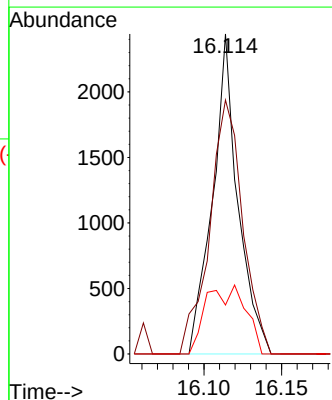
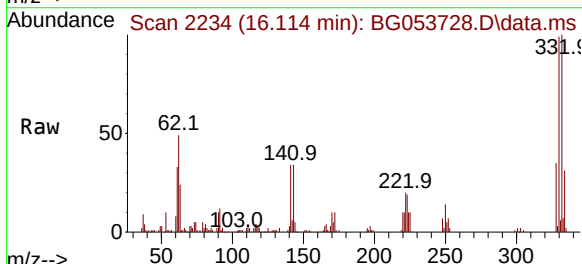
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

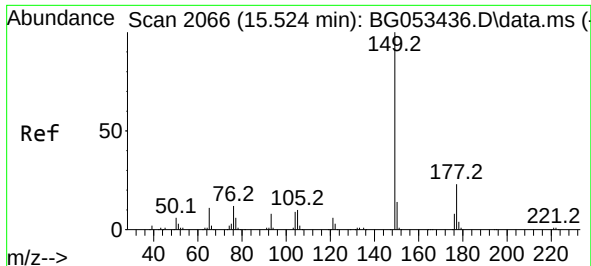
Tgt Ion:165 Resp: 10893
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 4.1 60.3 90.5#
182 0.0 2.2 3.4#



#58
Fluorene
Concen: 0.435 ng
RT: 16.114 min Scan# 2234
Delta R.T. 0.438 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:166 Resp: 2773
Ion Ratio Lower Upper
166 100
165 79.4 75.0 112.6
167 15.3 10.8 16.2

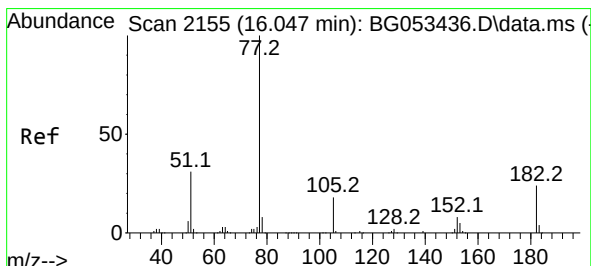
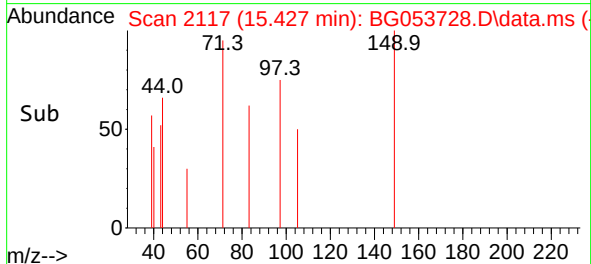
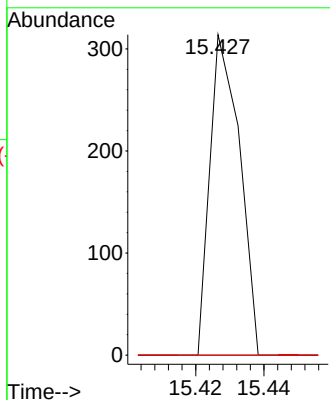
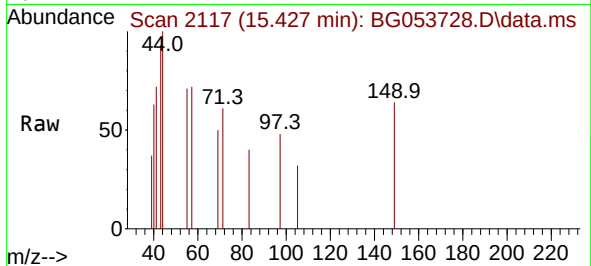




#60
Diethylphthalate
Concen: 0.028 ng
RT: 15.427 min Scan# 2117
Delta R.T. -0.008 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

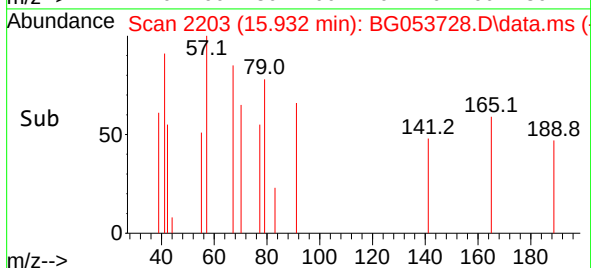
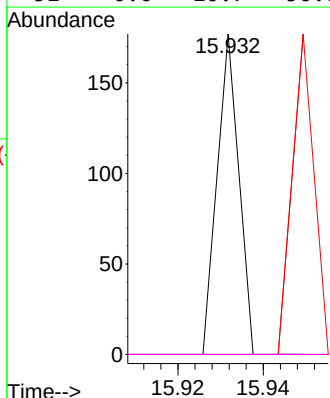
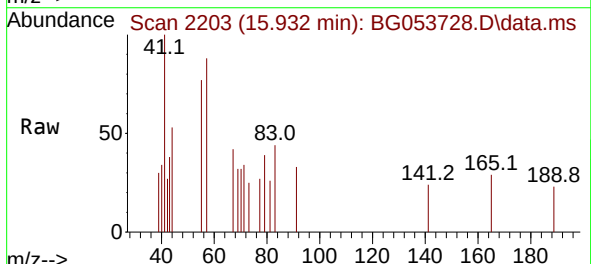
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

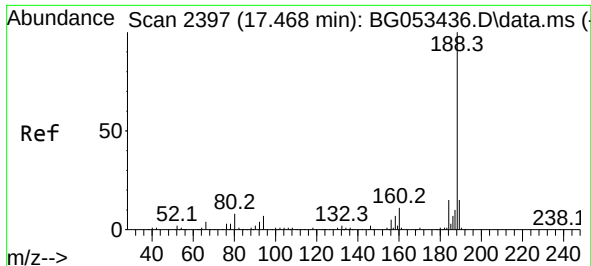
Tgt Ion:149 Resp: 190
Ion Ratio Lower Upper
149 100
177 0.0 18.4 27.6#
150 0.0 11.2 16.8#



#63
Azobenzene
Concen: 0.009 ng
RT: 15.932 min Scan# 2203
Delta R.T. -0.020 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion: 77 Resp: 62
Ion Ratio Lower Upper
77 100
182 0.0 3.8 43.8#
105 0.0 0.0 37.8
51 0.0 10.7 50.7#

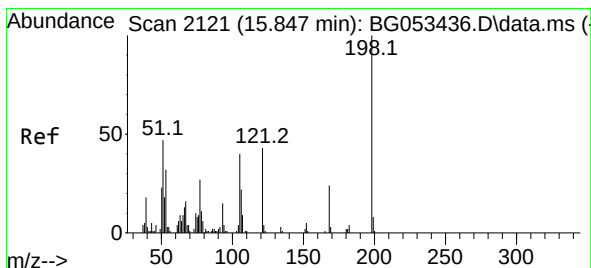
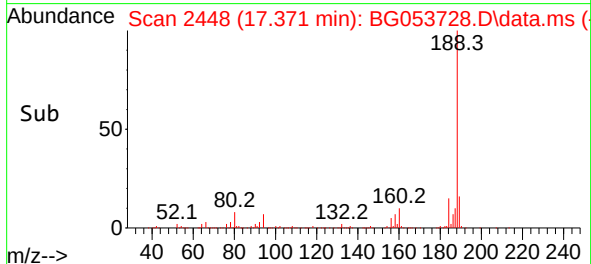
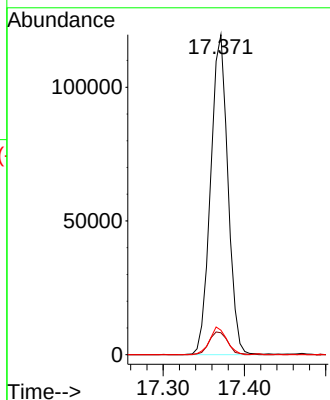
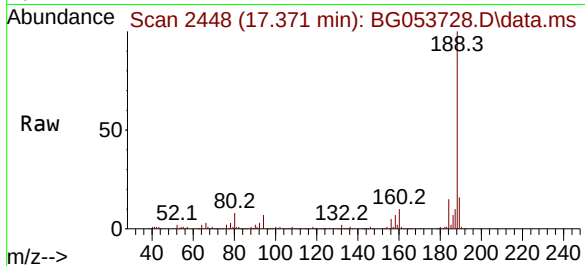




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

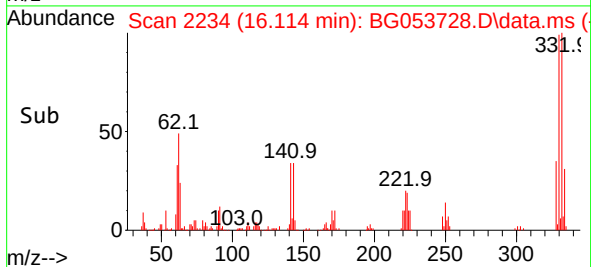
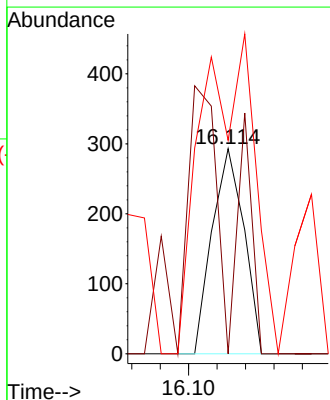
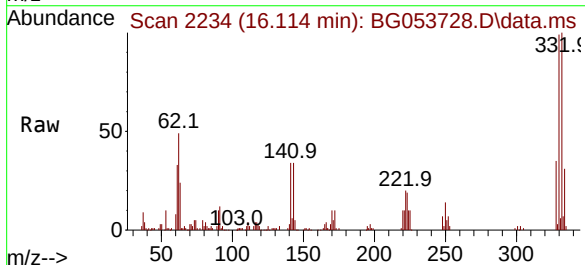
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

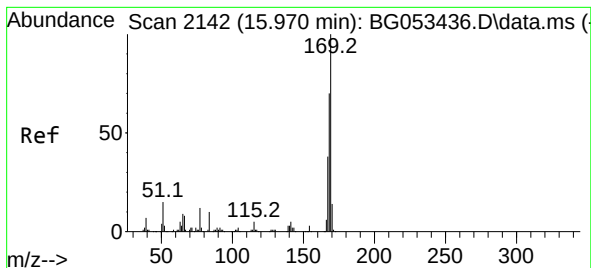
Tgt Ion:188 Resp: 176721
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 7.6 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 0.216 ng
RT: 16.114 min Scan# 2234
Delta R.T. 0.350 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:198 Resp: 227
Ion Ratio Lower Upper
198 100
51 0.0 28.1 68.1#
105 104.1 20.3 60.3#





#66

n-Nitrosodiphenylamine

Concen: 0.655 ng

RT: 16.114 min Scan# 2142

Delta R.T. 0.238 min

Lab File: BG053728.D

Acq: 26 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

SU-406-ROLL-OFF

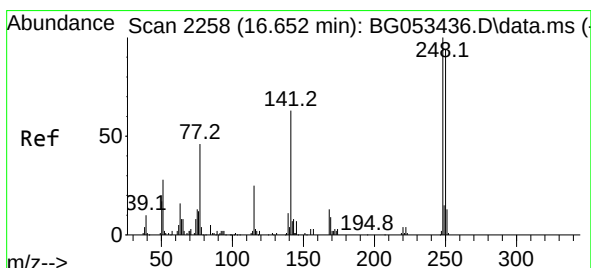
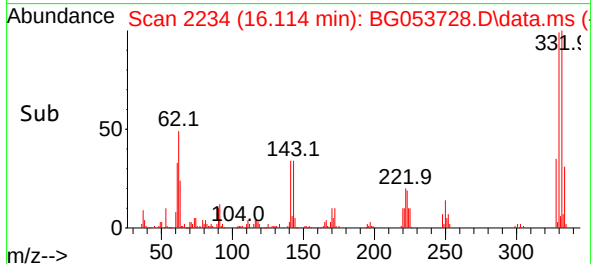
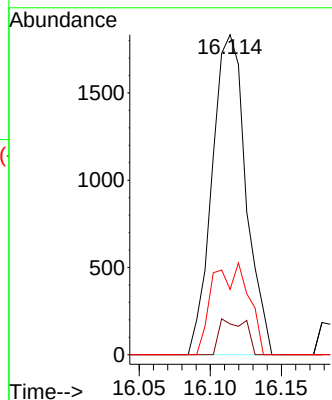
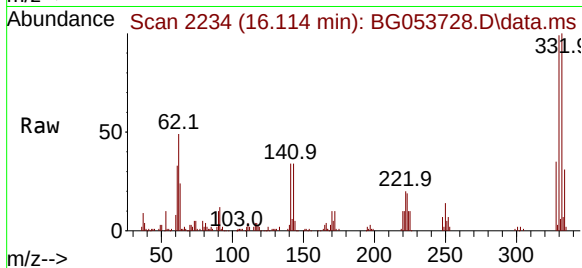
Tgt Ion:169 Resp: 3038

Ion Ratio Lower Upper

169 100

168 9.6 55.9 83.9#

167 20.4 30.6 46.0#



#67

4-Bromophenyl-phenylether

Concen: 2.929 ng

RT: 16.114 min Scan# 2234

Delta R.T. -0.437 min

Lab File: BG053728.D

Acq: 26 May 2022 22:21

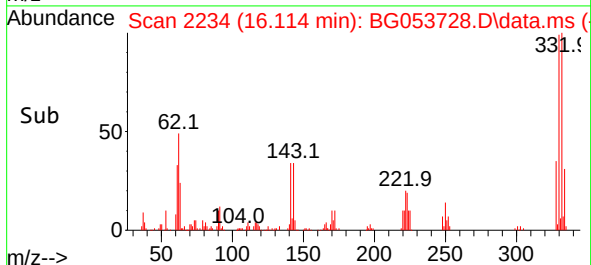
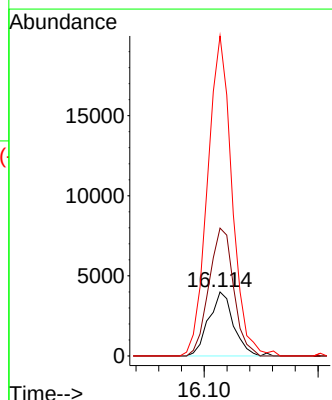
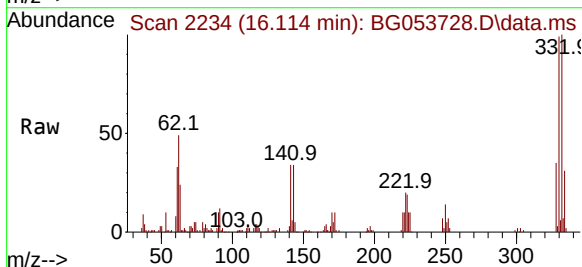
Tgt Ion:248 Resp: 6046

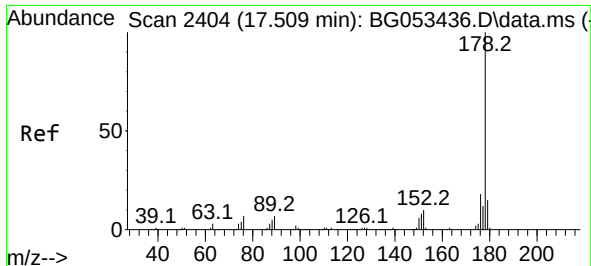
Ion Ratio Lower Upper

248 100

250 200.0 75.2 112.8#

141 500.4 50.0 75.0#

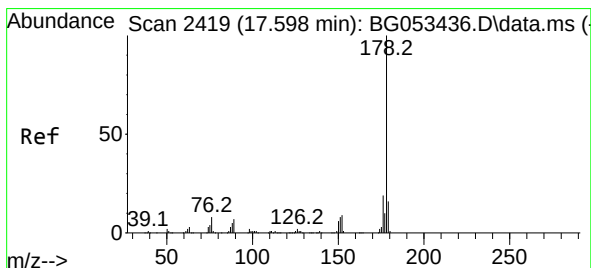
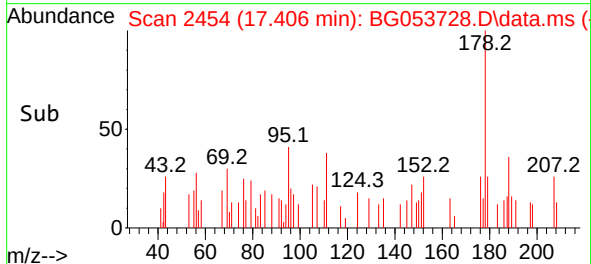
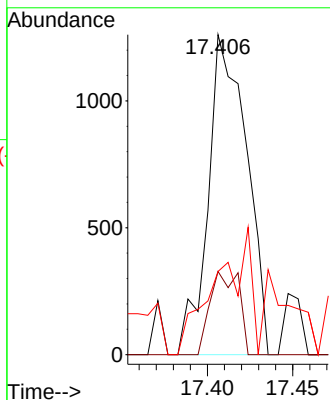
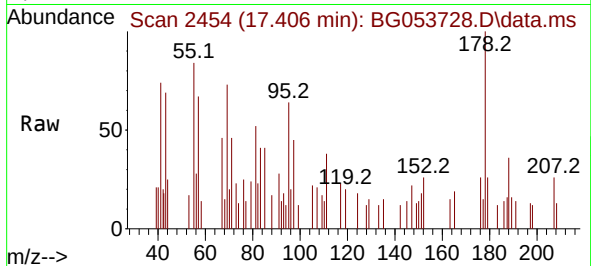




#71
Phenanthrene
Concen: 0.220 ng
RT: 17.406 min Scan# 2404
Delta R.T. -0.008 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

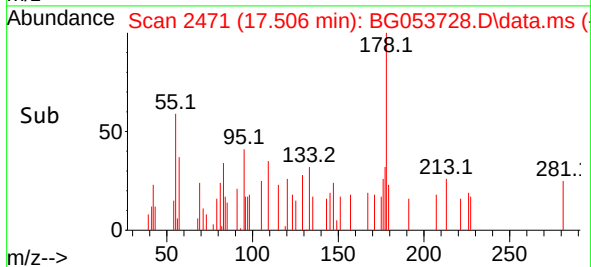
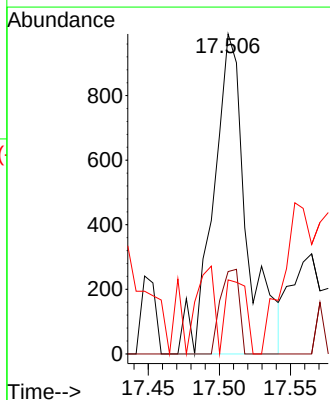
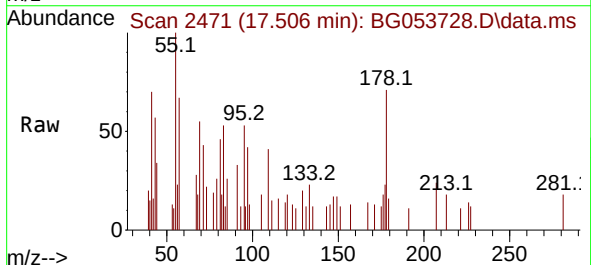
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

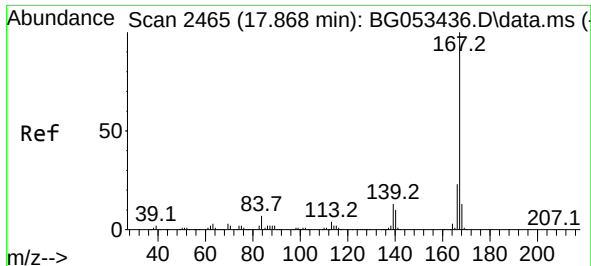
Tgt Ion:178 Resp: 1979
Ion Ratio Lower Upper
178 100
176 26.0 14.1 21.1#
179 26.0 12.1 18.1#



#72
Anthracene
Concen: 0.184 ng
RT: 17.506 min Scan# 2471
Delta R.T. 0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:178 Resp: 1626
Ion Ratio Lower Upper
178 100
176 25.7 15.2 22.8#
179 23.1 13.0 19.4#

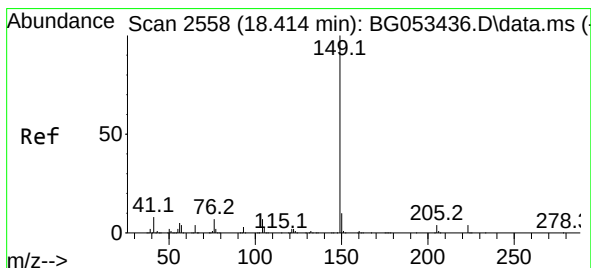
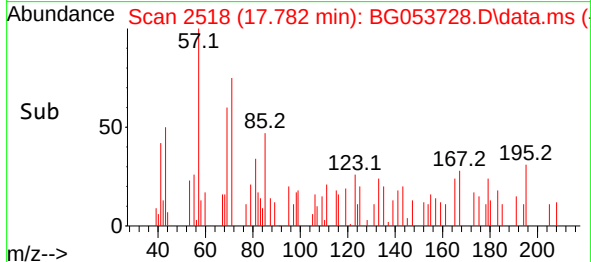
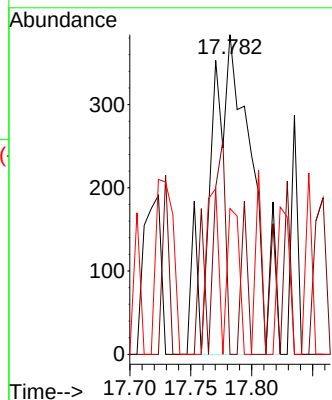
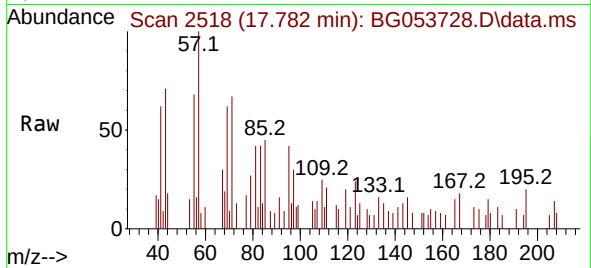




#73
 Carbazole
 Concen: 0.104 ng
 RT: 17.782 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG053728.D
 Acq: 26 May 2022 22:21

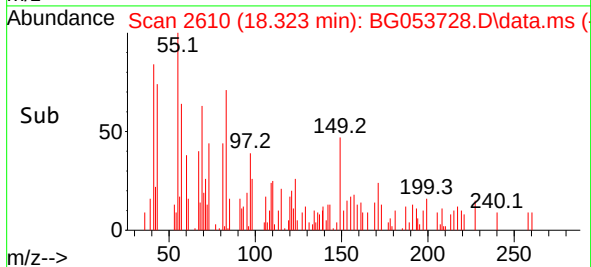
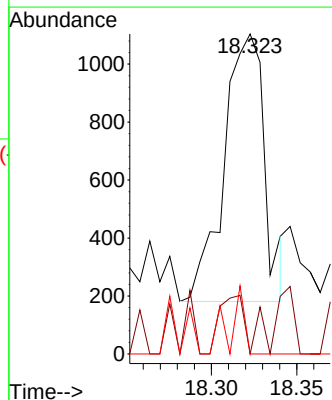
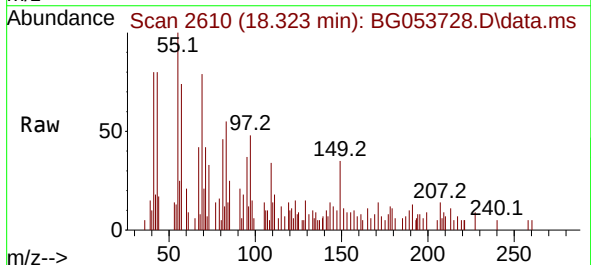
Instrument :
 BNA_G
 ClientSampleId :
 SU-406-ROLL-OFF

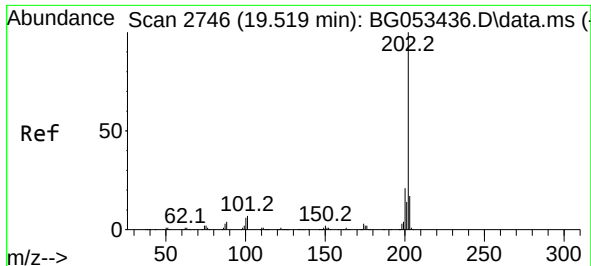
Tgt Ion:167 Resp: 898
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.2#
 139 45.6 10.1 15.1#



#74
 Di-n-butylphthalate
 Concen: 0.156 ng
 RT: 18.323 min Scan# 2610
 Delta R.T. -0.003 min
 Lab File: BG053728.D
 Acq: 26 May 2022 22:21

Tgt Ion:149 Resp: 1519
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.7 11.5#
 104 0.0 5.4 8.0#

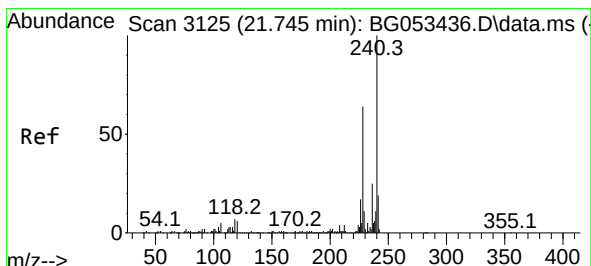
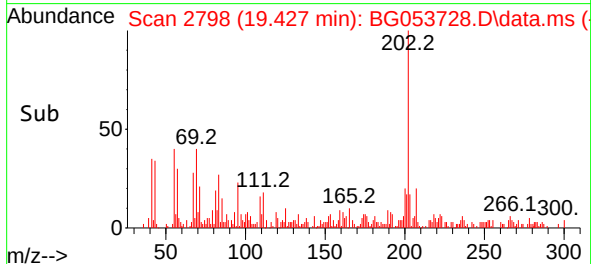
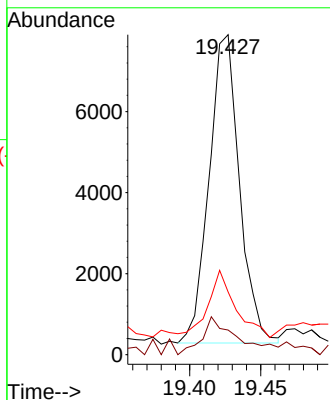
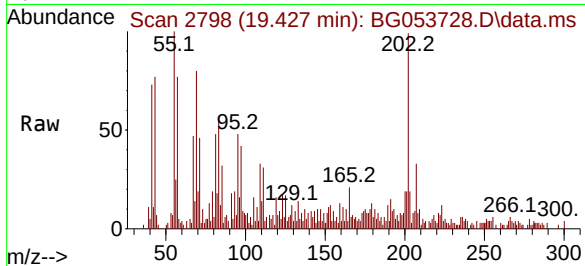




#75
Fluoranthene
Concen: 0.972 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

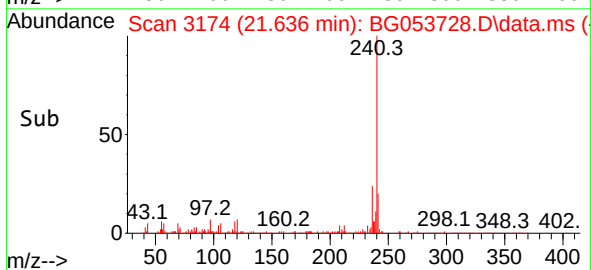
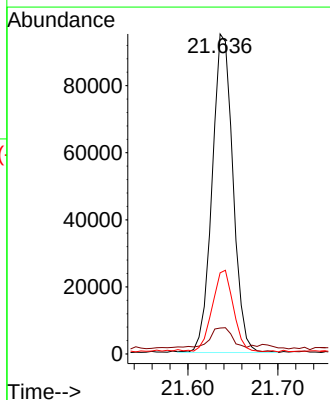
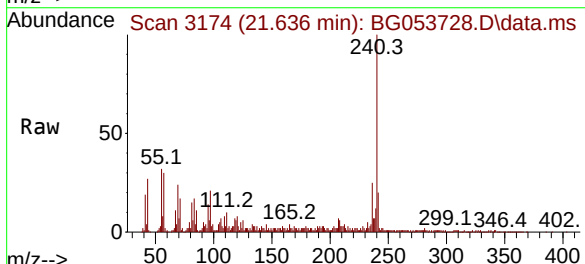
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

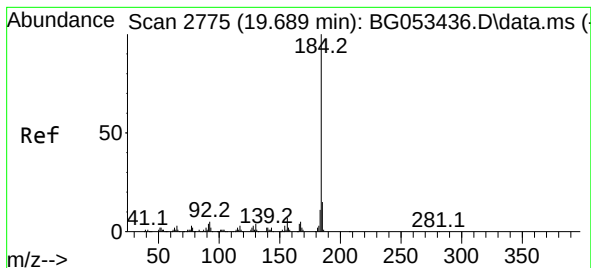
Tgt Ion:202 Resp: 11315
Ion Ratio Lower Upper
202 100
101 7.7 0.0 26.9
203 19.6 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:240 Resp: 152770
Ion Ratio Lower Upper
240 100
120 8.1 4.6 7.0#
236 25.3 20.2 30.4





#77

Benzidine

Concen: 0.088 ng

RT: 19.562 min Scan# 21

Delta R.T. -0.038 min

Lab File: BG053728.D

Acq: 26 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

SU-406-ROLL-OFF

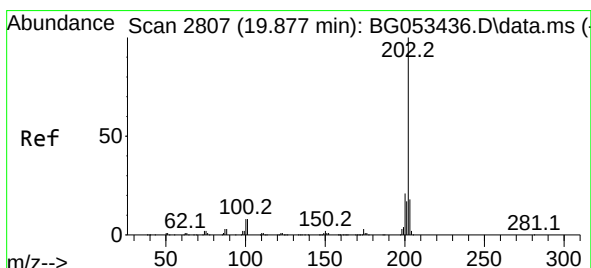
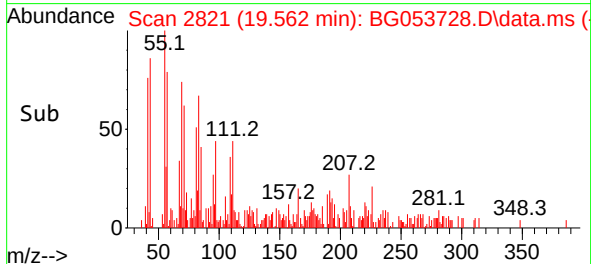
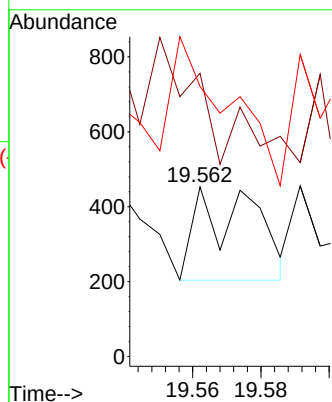
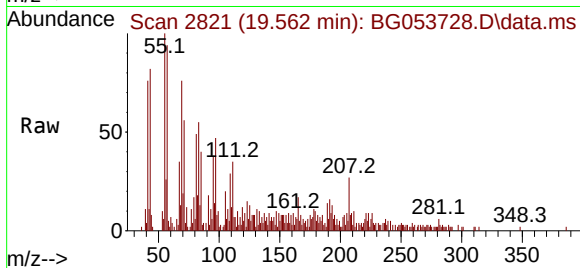
Tgt Ion:184 Resp: 290

Ion Ratio Lower Upper

184 100

185 166.9 11.8 17.6#

183 159.2 8.9 13.3#



#78

Pyrene

Concen: 1.160 ng

RT: 19.427 min Scan# 2798

Delta R.T. -0.361 min

Lab File: BG053728.D

Acq: 26 May 2022 22:21

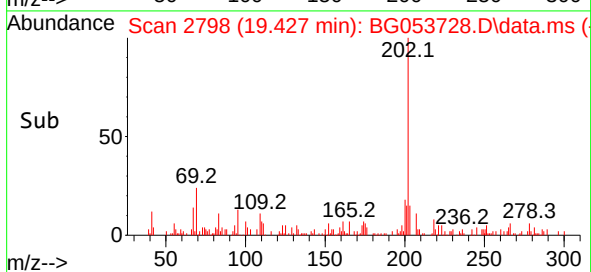
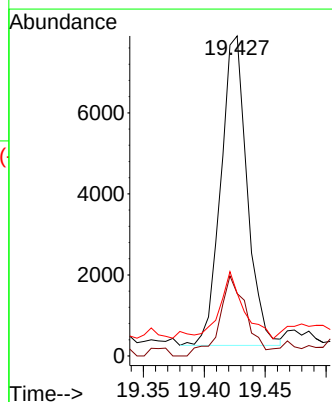
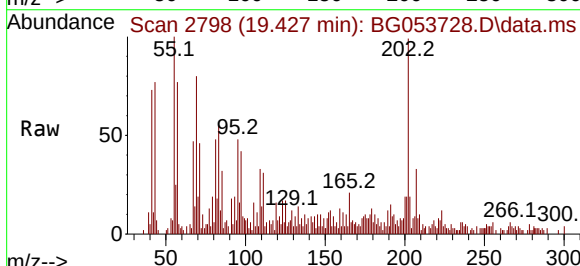
Tgt Ion:202 Resp: 11469

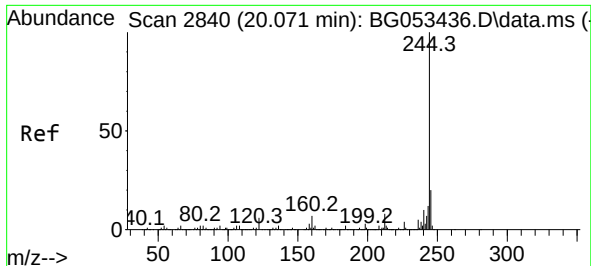
Ion Ratio Lower Upper

202 100

200 19.5 16.6 24.8

203 19.6 14.6 21.8

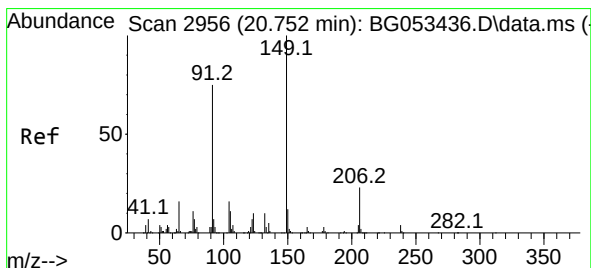
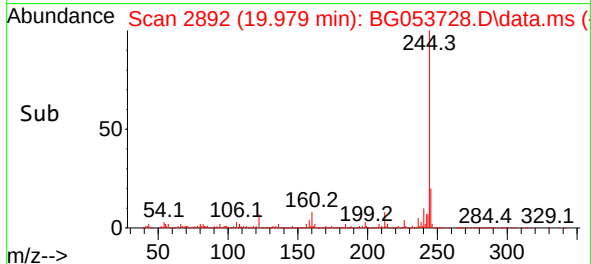
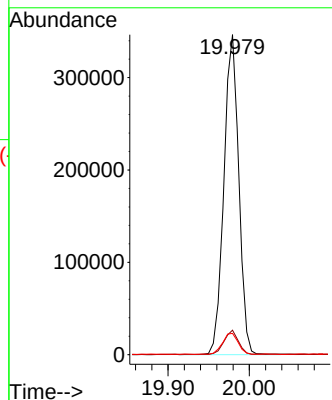
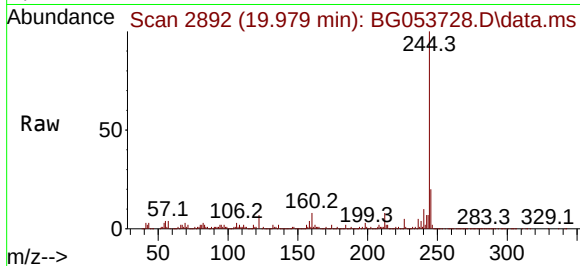




#79
 Terphenyl-d14
 Concen: 53.855 ng
 RT: 19.979 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG053728.D
 Acq: 26 May 2022 22:21

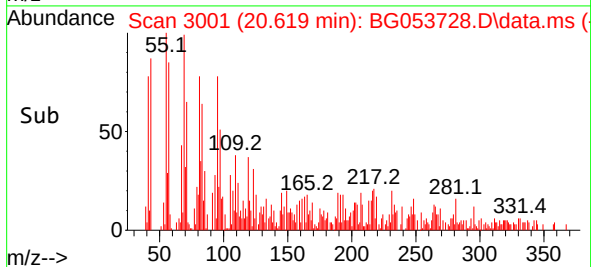
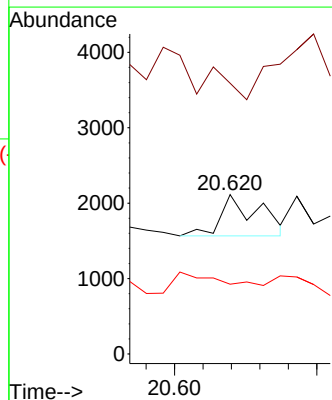
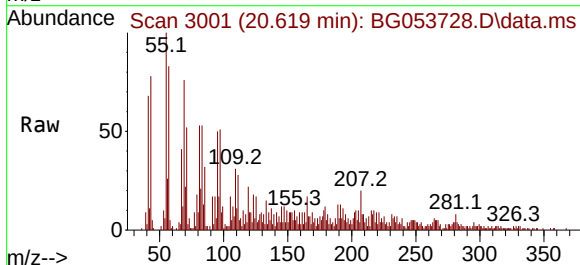
Instrument :
 BNA_G
 ClientSampleId :
 SU-406-ROLL-OFF

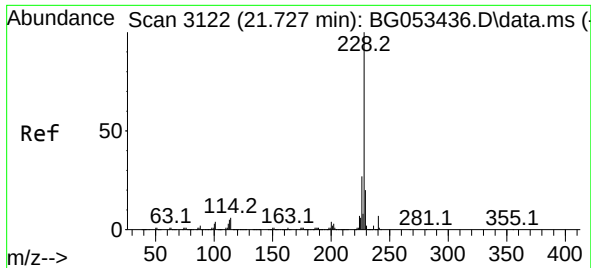
Tgt Ion:244 Resp: 441749
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.6 5.0 7.4



#80
 Butylbenzylphthalate
 Concen: 0.141 ng
 RT: 20.619 min Scan# 3001
 Delta R.T. -0.044 min
 Lab File: BG053728.D
 Acq: 26 May 2022 22:21

Tgt Ion:149 Resp: 512
 Ion Ratio Lower Upper
 149 100
 91 169.9 59.6 89.4#
 206 43.8 18.6 28.0#

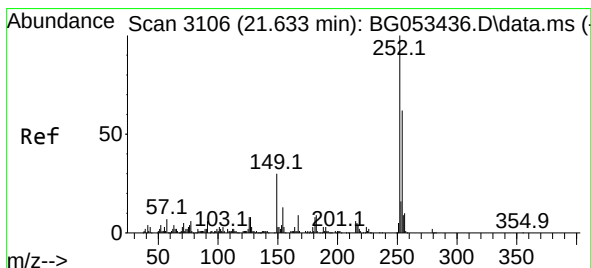
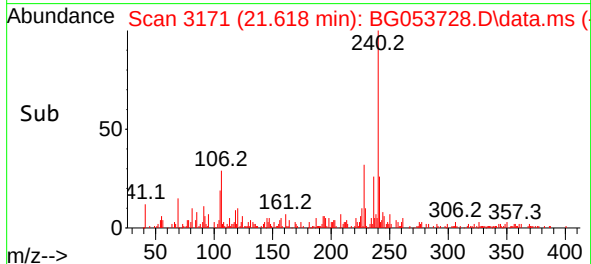
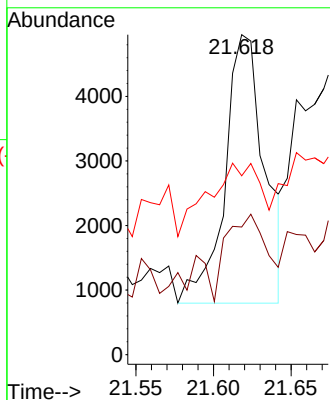
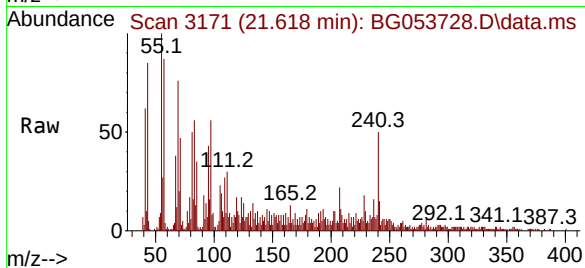




#81
Benzo(a)anthracene
Concen: 0.760 ng
RT: 21.618 min Scan# 3117
Delta R.T. 0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

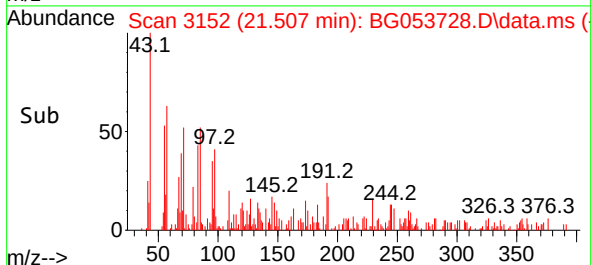
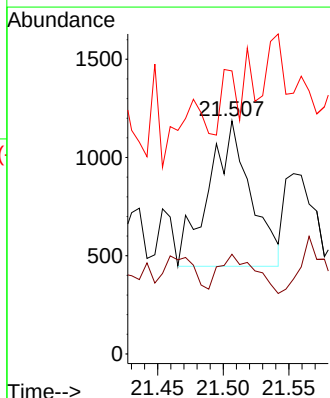
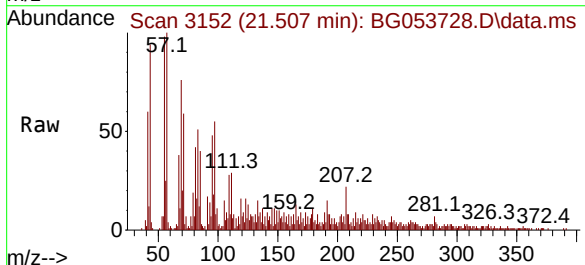
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

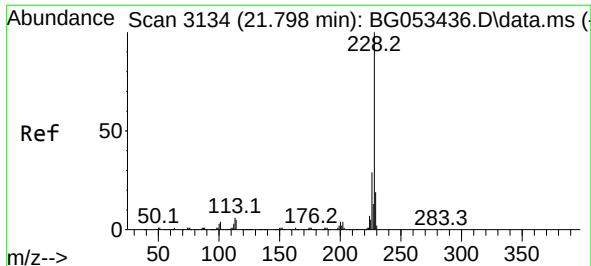
Tgt Ion:228 Resp: 7406
Ion Ratio Lower Upper
228 100
226 39.9 21.6 32.4#
229 55.9 16.2 24.2#



#82
3,3'-Dichlorobenzidine
Concen: 0.665 ng
RT: 21.507 min Scan# 3152
Delta R.T. -0.020 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:252 Resp: 1642
Ion Ratio Lower Upper
252 100
254 42.7 49.8 74.8#
126 121.4 6.0 9.0#

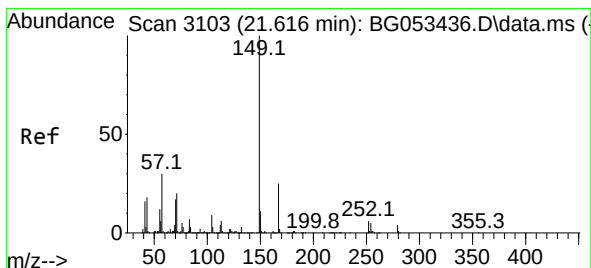
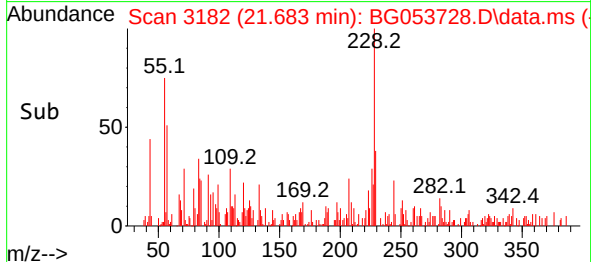
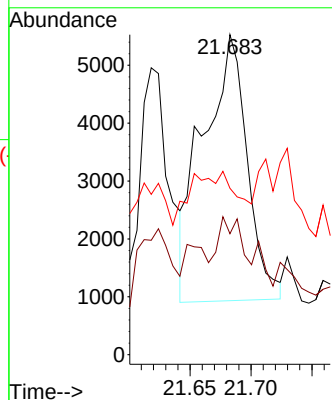
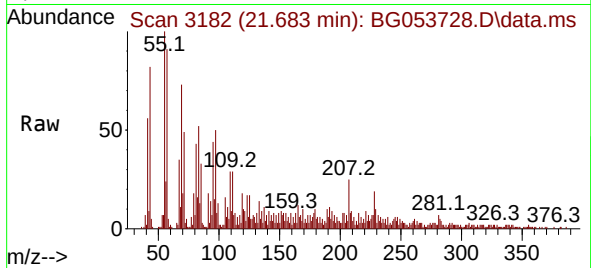




#83
Chrysene
Concen: 1.275 ng
RT: 21.683 min Scan# 3113
Delta R.T. -0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

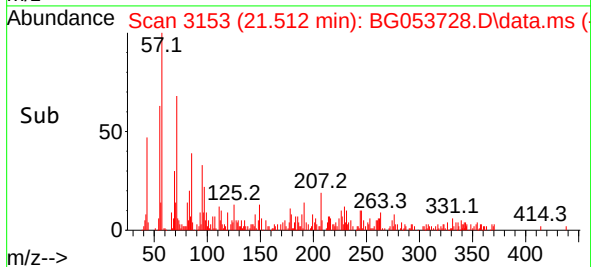
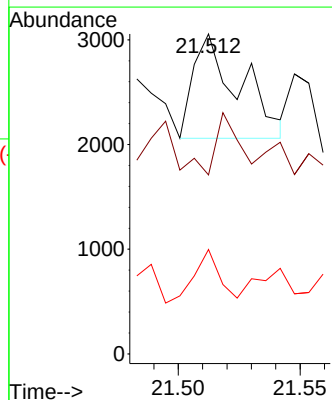
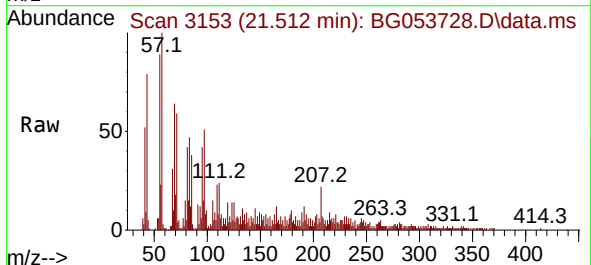
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

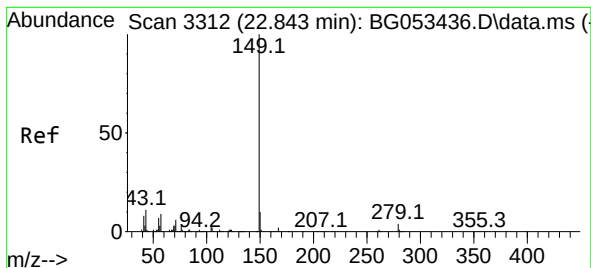
Tgt Ion:228 Resp: 11604
Ion Ratio Lower Upper
228 100
226 37.8 23.4 35.2#
229 52.0 15.5 23.3#



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.261 ng
RT: 21.512 min Scan# 3153
Delta R.T. 0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:149 Resp: 1306
Ion Ratio Lower Upper
149 100
167 55.9 20.2 30.4#
279 32.7 3.6 5.4#





#85

Di-n-octyl phthalate

Concen: 0.052 ng

RT: 22.699 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053728.D

Acq: 26 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

SU-406-ROLL-OFF

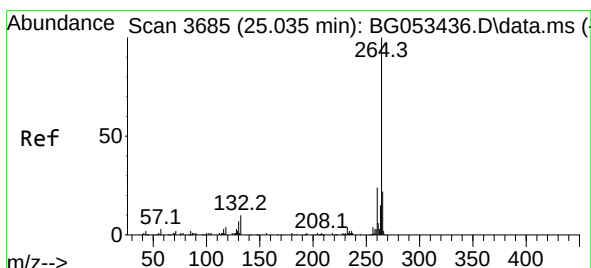
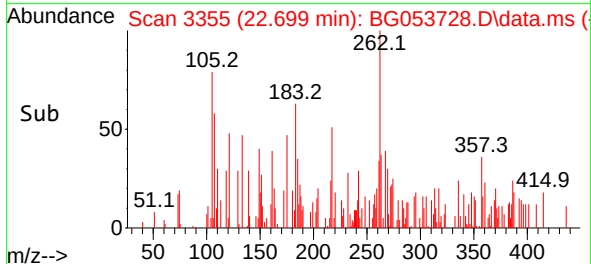
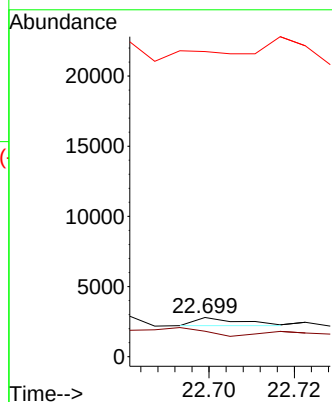
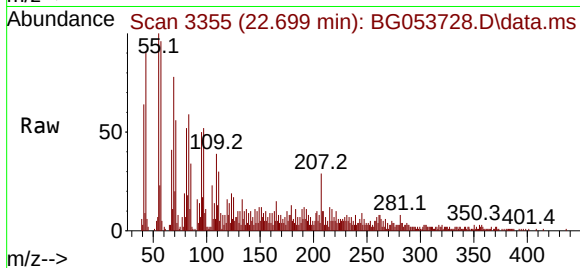
Tgt Ion:149 Resp: 438

Ion Ratio Lower Upper

149 100

167 199.1 1.3 1.9#

43 0.0 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.855 min Scan# 3722

Delta R.T. 0.015 min

Lab File: BG053728.D

Acq: 26 May 2022 22:21

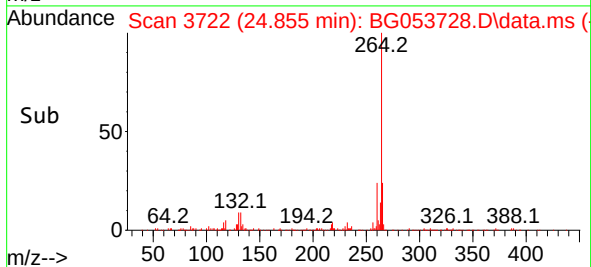
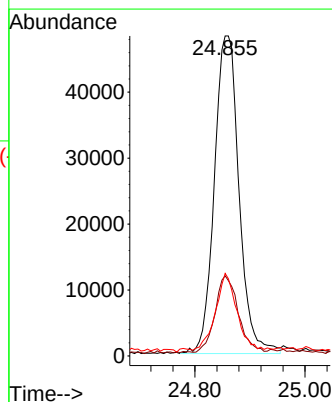
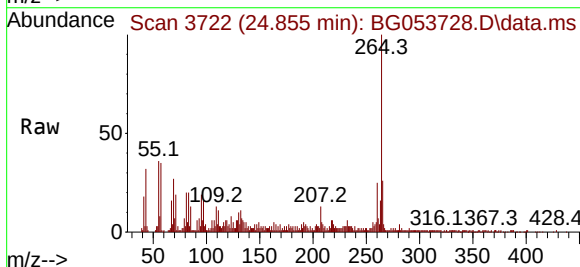
Tgt Ion:264 Resp: 150195

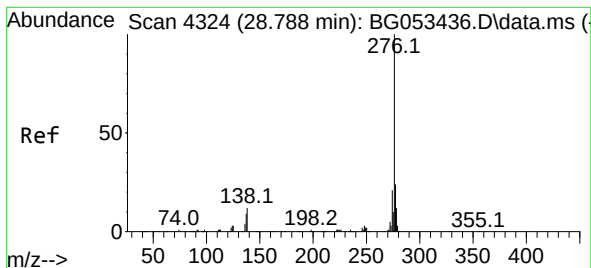
Ion Ratio Lower Upper

264 100

260 25.1 19.0 28.6

265 25.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.114 ng

RT: 28.521 min Scan# 41

Delta R.T. 0.009 min

Lab File: BG053728.D

Acq: 26 May 2022 22:21

Instrument :

BNA_G

ClientSampleId :

SU-406-ROLL-OFF

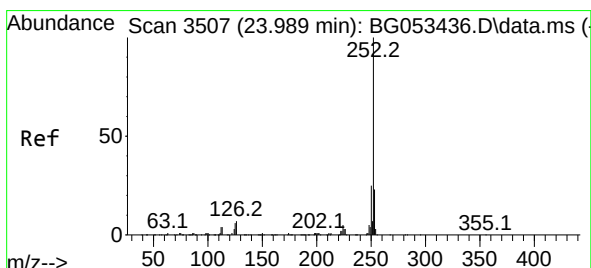
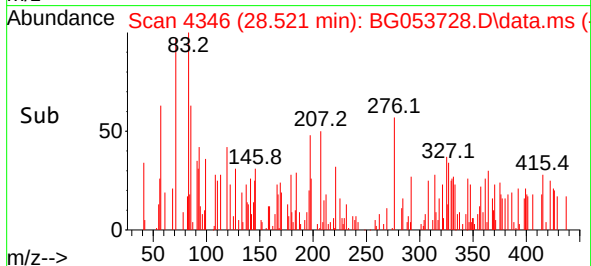
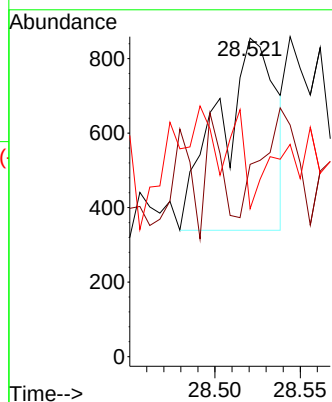
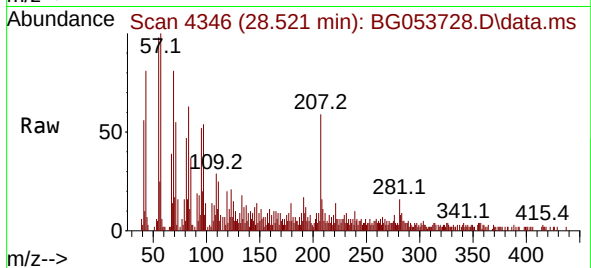
Tgt Ion:276 Resp: 1192

Ion Ratio Lower Upper

276 100

138 0.0 5.0 7.4#

277 0.0 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 0.453 ng

RT: 23.833 min Scan# 3548

Delta R.T. 0.009 min

Lab File: BG053728.D

Acq: 26 May 2022 22:21

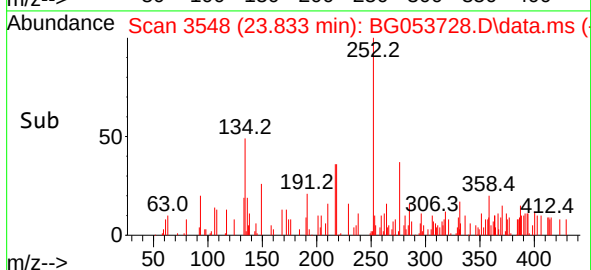
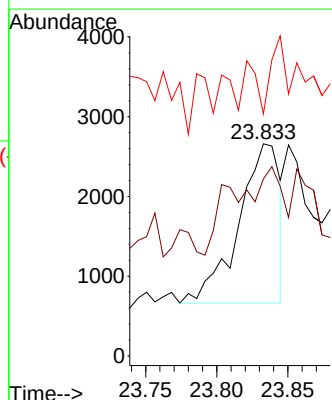
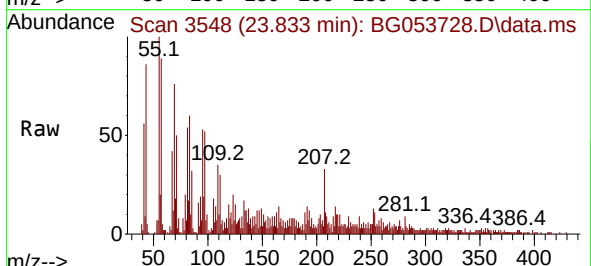
Tgt Ion:252 Resp: 4030

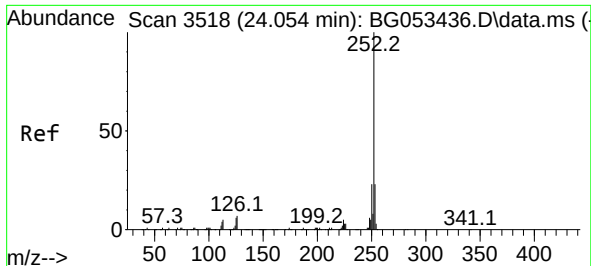
Ion Ratio Lower Upper

252 100

253 83.4 18.0 27.0#

125 114.1 4.6 6.8#

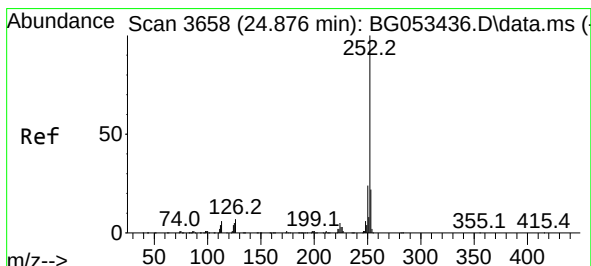
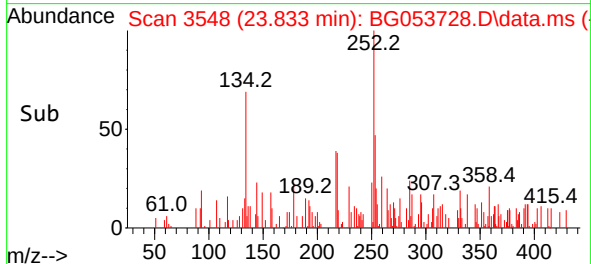
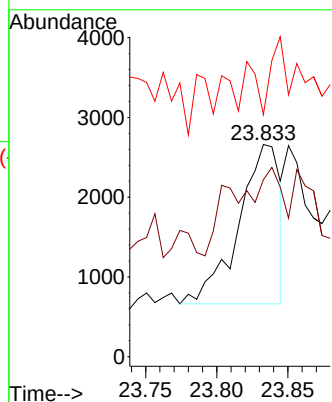
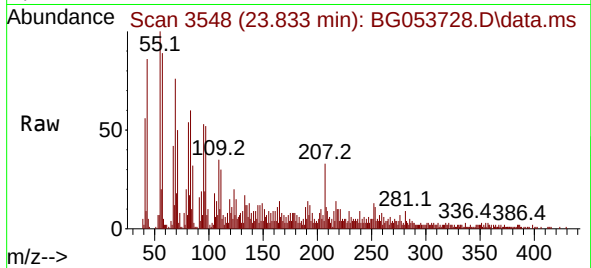




#89
Benzo(k)fluoranthene
Concen: 0.461 ng
RT: 23.833 min Scan# 31
Delta R.T. -0.055 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

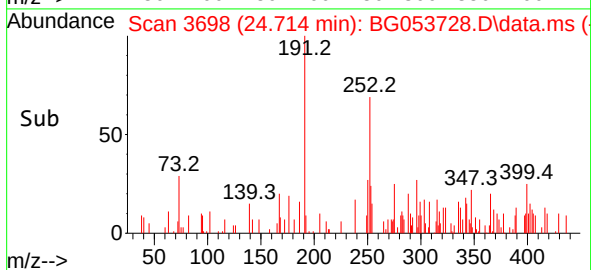
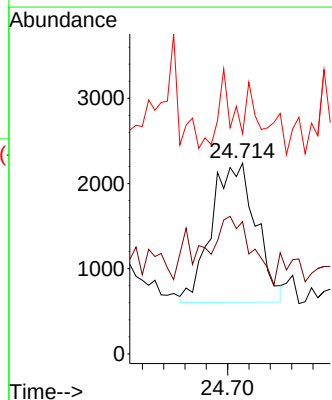
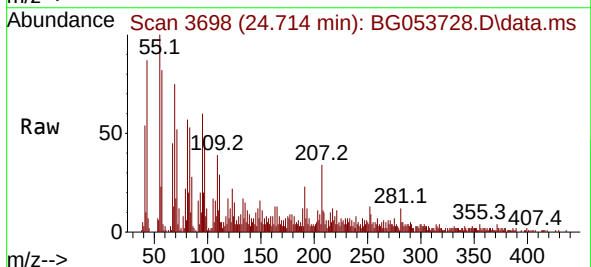
Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

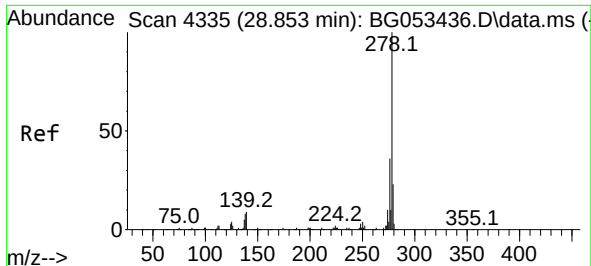
Tgt Ion:252 Resp: 4030
Ion Ratio Lower Upper
252 100
253 83.4 18.4 27.6#
125 114.1 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 0.625 ng
RT: 24.714 min Scan# 3698
Delta R.T. 0.027 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:252 Resp: 4733
Ion Ratio Lower Upper
252 100
253 69.3 17.8 26.8#
125 115.4 4.3 6.5#

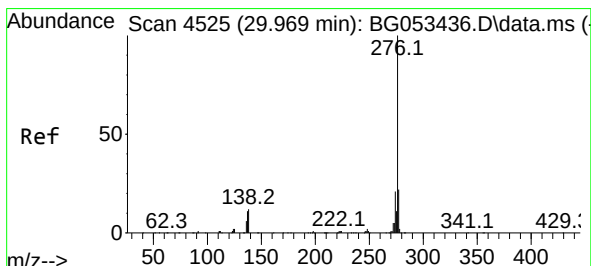
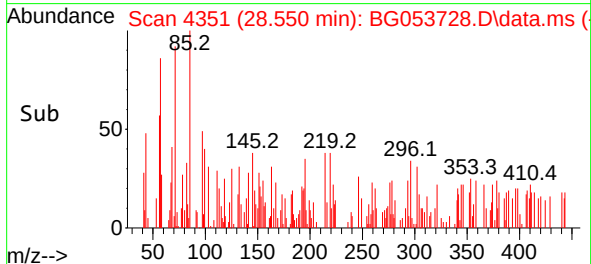
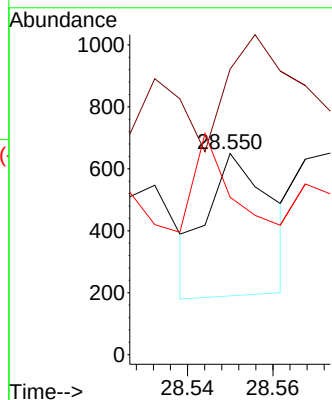
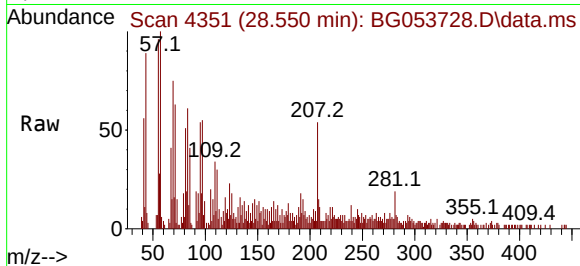




#91
Dibenzo(a,h)anthracene
Concen: 0.055 ng
RT: 28.550 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Instrument :
BNA_G
ClientSampleId :
SU-406-ROLL-OFF

Tgt Ion:278 Resp: 471
Ion Ratio Lower Upper
278 100
139 142.1 7.2 10.8#
279 78.3 18.6 27.8#



#92
Benzo(g,h,i)perylene
Concen: 0.085 ng
RT: 29.666 min Scan# 4541
Delta R.T. 0.015 min
Lab File: BG053728.D
Acq: 26 May 2022 22:21

Tgt Ion:276 Resp: 729
Ion Ratio Lower Upper
276 100
277 77.6 17.3 25.9#
138 47.3 9.6 14.4#

