

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060822\
 Data File : BG053852.D
 Acq On : 8 Jun 2022 14:32
 Operator : CG/JU
 Sample : N3209-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-2-1

Quant Time: Jun 09 02:29:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

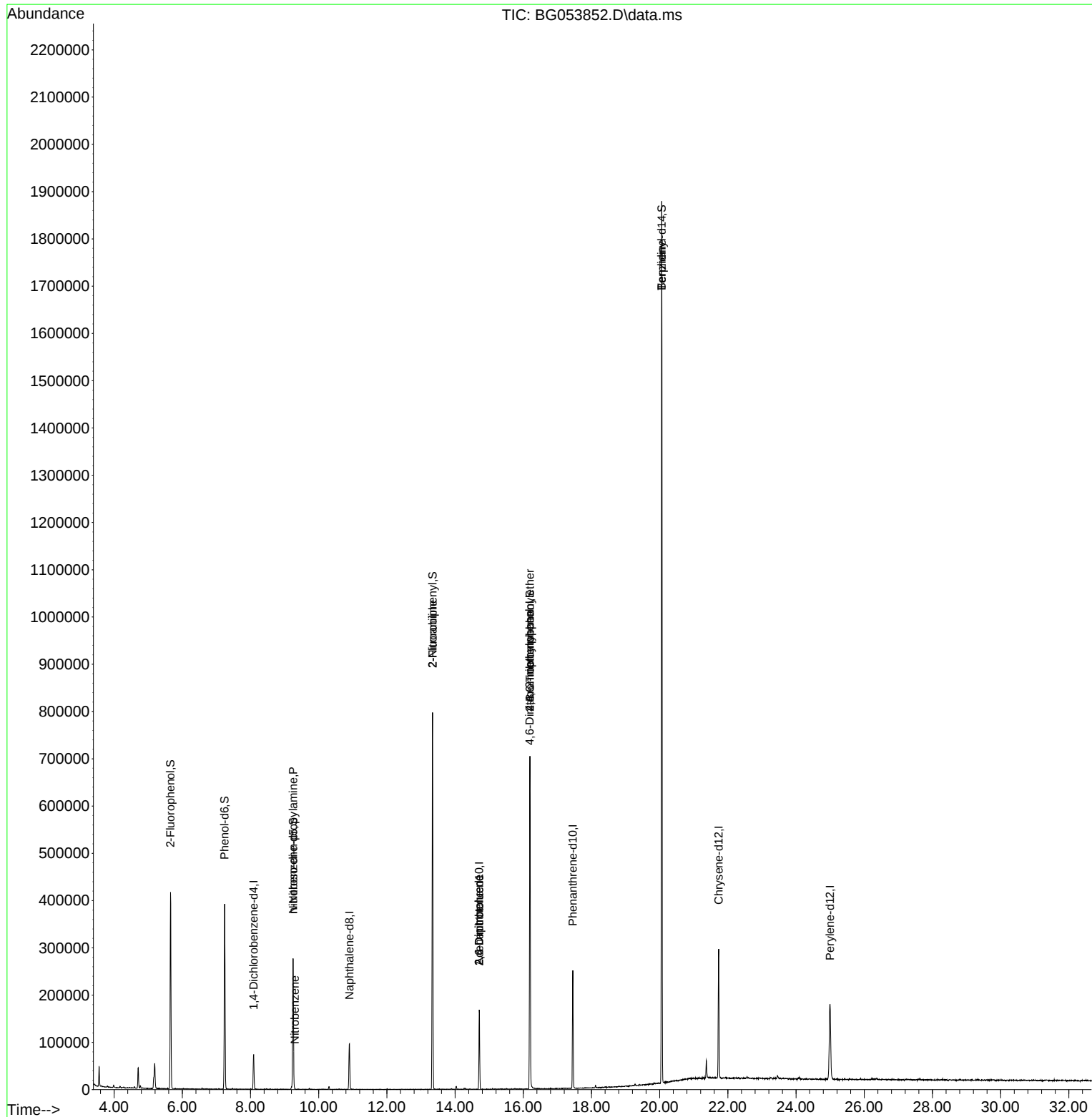
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	23178	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	90909	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	65103	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	174557	20.000	ng	0.00
76) Chrysene-d12	21.730	240	192838	20.000	ng	0.00
86) Perylene-d12	24.991	264	197135	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	194211	153.870	ng	0.00
7) Phenol-d6	7.241	99	235602	137.799	ng	0.00
23) Nitrobenzene-d5	9.251	82	173977	125.672	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	168552	213.287	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	462264	106.224	ng	0.00
79) Terphenyl-d14	20.062	244	1048061	108.123	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.251	70	23589	19.480	ng	# 81
24) Nitrobenzene	9.298	77	53	3.004	ng	# 48
48) 2-Nitroaniline	13.340	65	649	5.673	ng	# 7
51) 2,6-Dinitrotoluene	14.709	165	8873	13.539	ng	# 16
57) 2,4-Dinitrotoluene	14.709	165	8873	11.313	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.190	198	327	6.035	ng	# 1
67) 4-Bromophenyl-phenylether	16.196	248	11269	5.942	ng	# 1
77) Benzidine	20.062	184	14272	3.027	ng	# 96

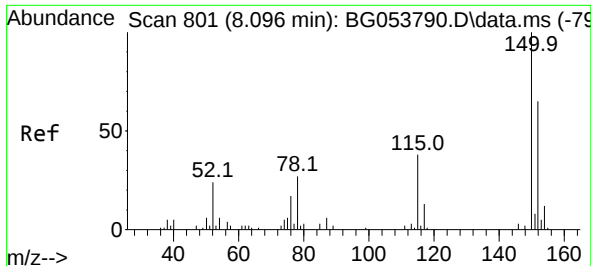
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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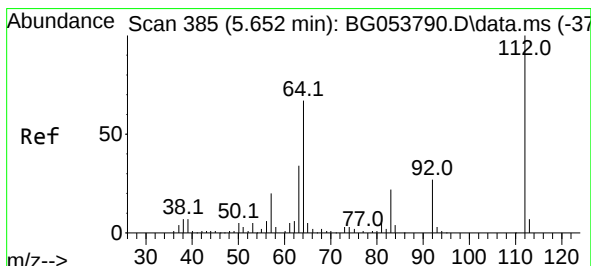
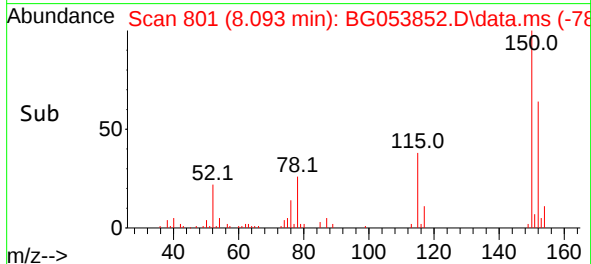
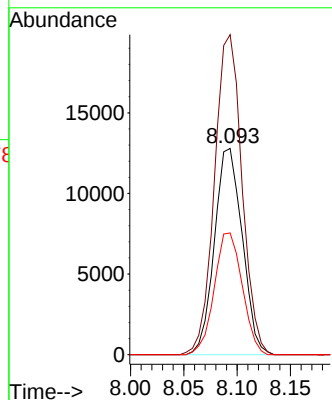
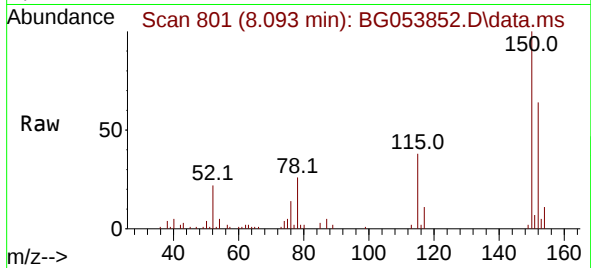




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.093 min Scan# 801
Delta R.T. -0.003 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

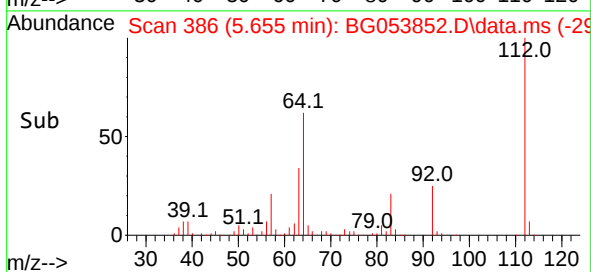
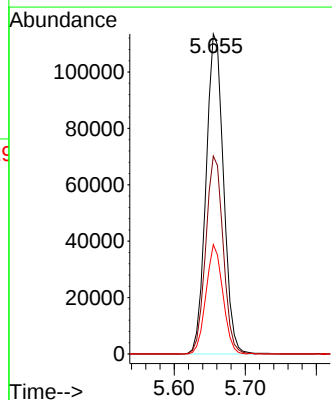
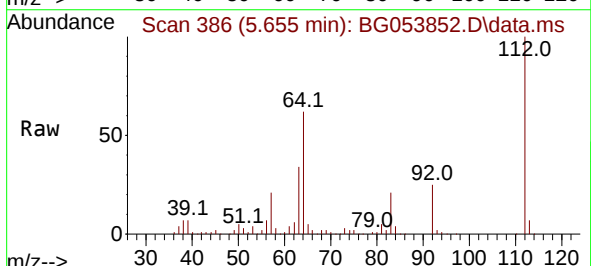
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1

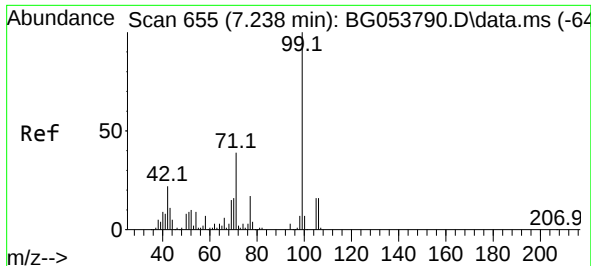
Tgt Ion:152 Resp: 23178
Ion Ratio Lower Upper
152 100
150 155.1 131.6 197.4
115 59.0 50.9 76.3



#5
2-Fluorophenol
Concen: 153.870 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

Tgt Ion:112 Resp: 194211
Ion Ratio Lower Upper
112 100
64 61.8 55.1 82.7
63 34.2 30.4 45.6

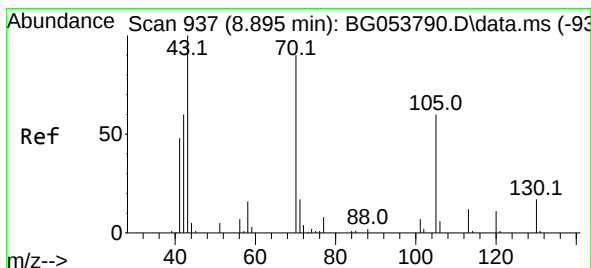
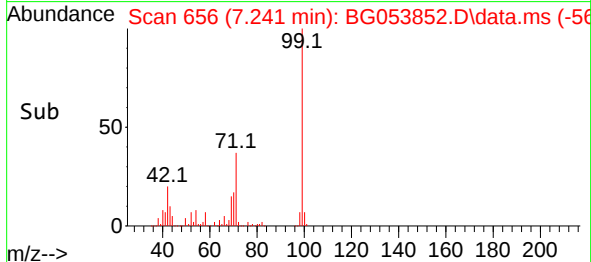
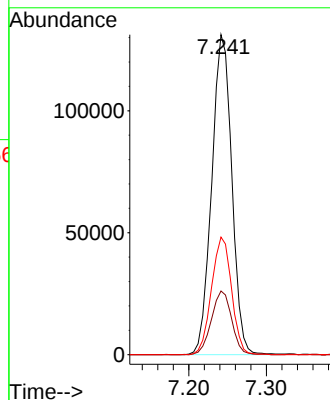
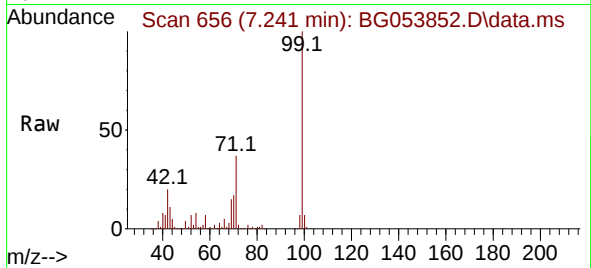




#7
Phenol-d6
Concen: 137.799 ng
RT: 7.241 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

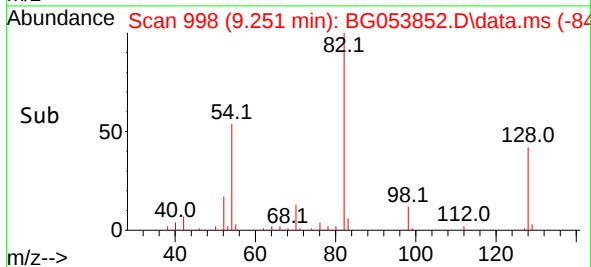
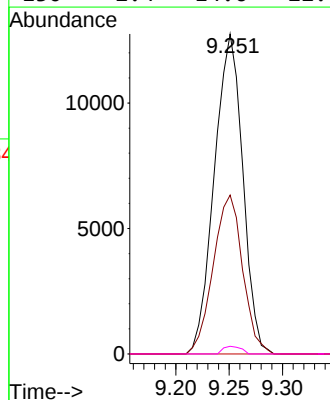
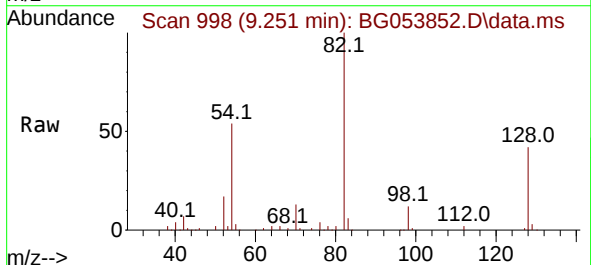
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1

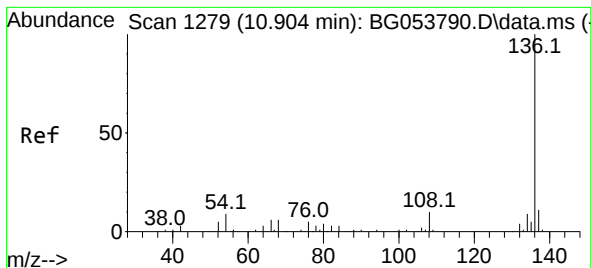
Tgt Ion: 99 Resp: 235602
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 36.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.480 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

Tgt Ion: 70 Resp: 23589
Ion Ratio Lower Upper
70 100
42 49.7 47.3 70.9
101 0.0 7.0 10.4#
130 2.4 14.6 22.0#

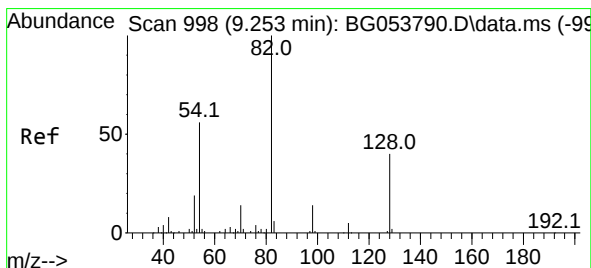
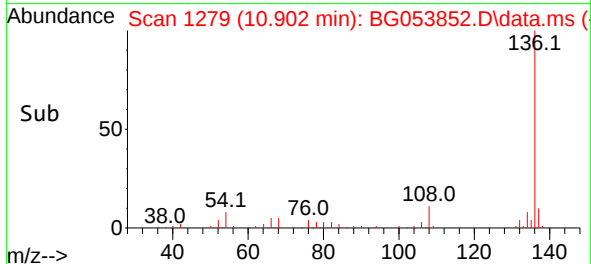
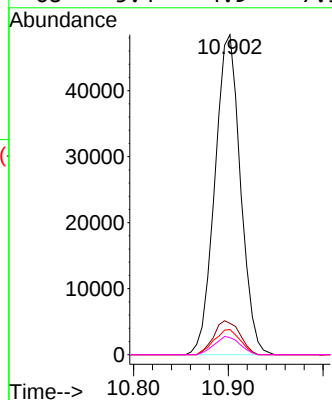
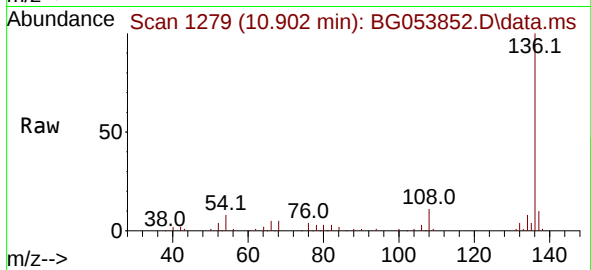




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.902 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

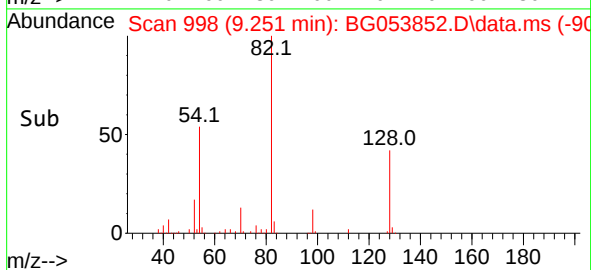
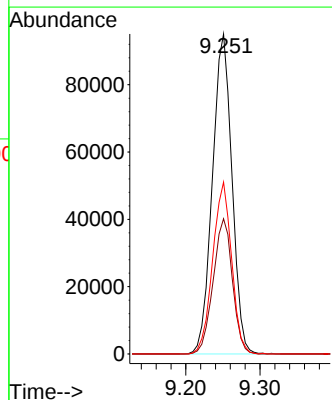
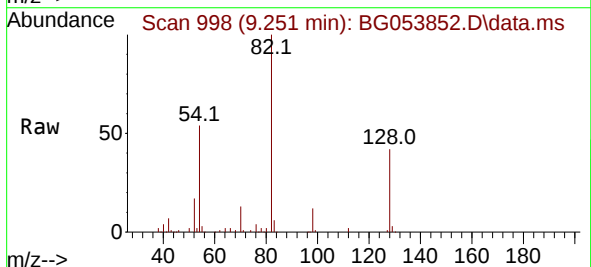
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1

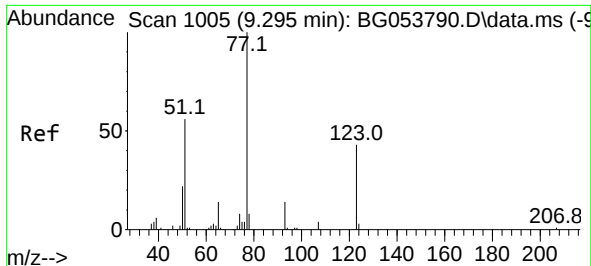
Tgt Ion:	136	Resp:	90909
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.5	12.7
54	7.9	7.4	11.2
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 125.672 ng
RT: 9.251 min Scan# 998
Delta R.T. -0.002 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

Tgt Ion:	82	Resp:	173977
Ion	Ratio	Lower	Upper
82	100		
128	42.3	27.9	41.9#
54	53.7	41.2	61.8

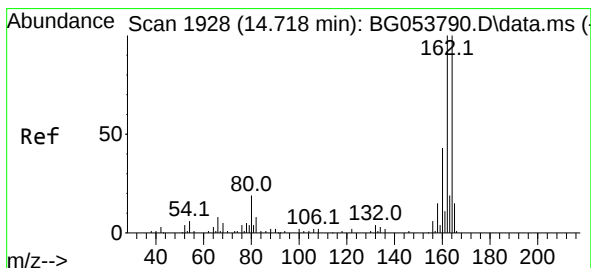
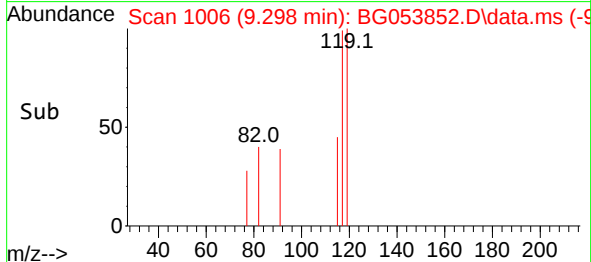
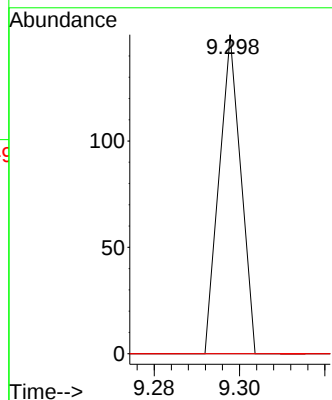
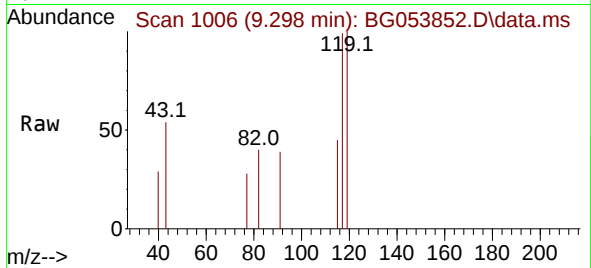




#24
Nitrobenzene
Concen: 3.004 ng
RT: 9.298 min Scan# 1005
Delta R.T. 0.003 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

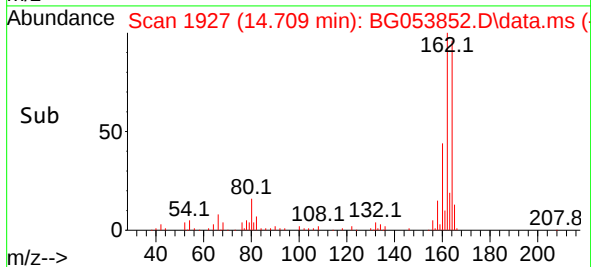
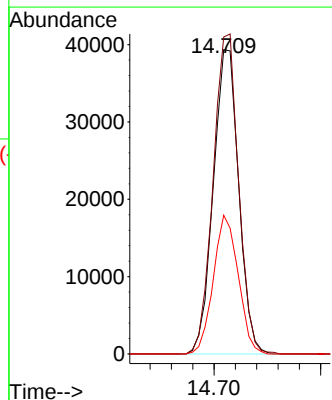
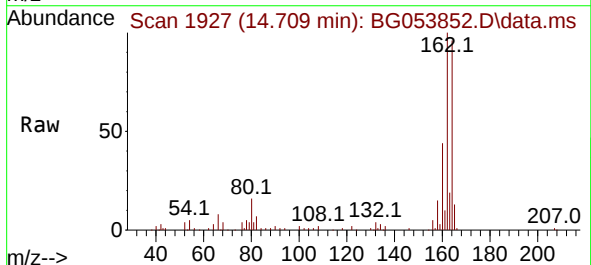
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1

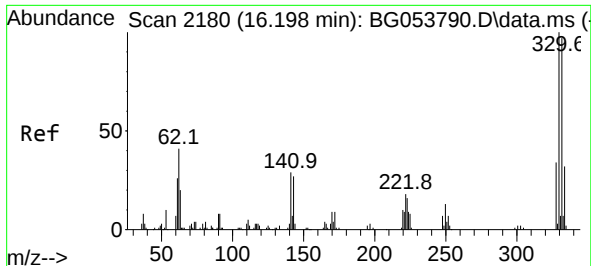
Tgt Ion: 77 Resp: 53
Ion Ratio Lower Upper
77 100
123 0.0 27.4 41.0#
65 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.709 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

Tgt Ion:164 Resp: 65103
Ion Ratio Lower Upper
164 100
162 104.1 82.3 123.5
160 45.6 34.2 51.2

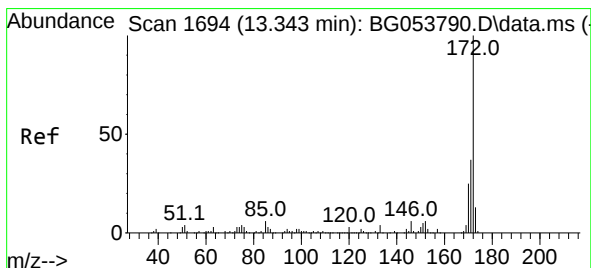
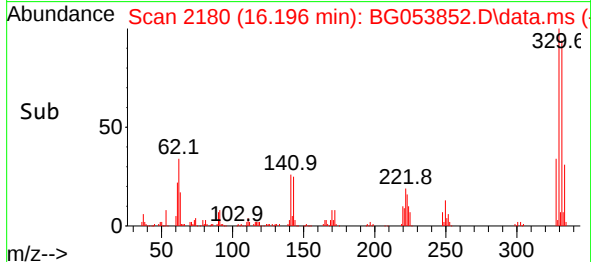
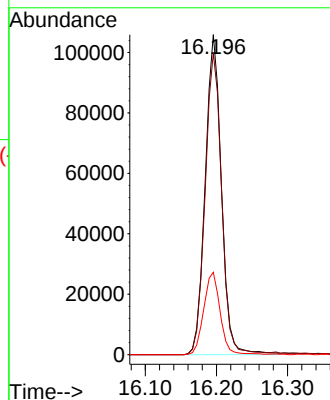
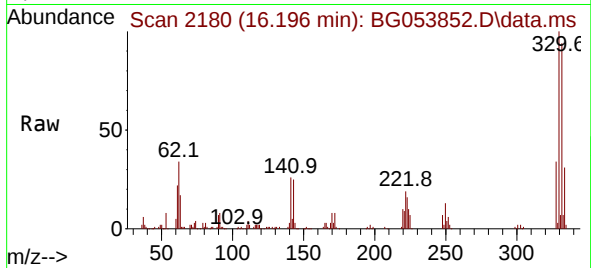




#42
2,4,6-Tribromophenol
Concen: 213.287 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

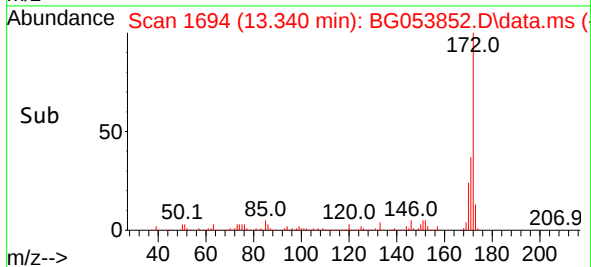
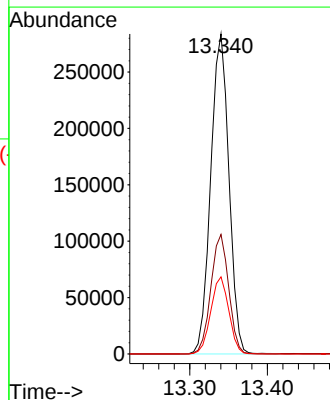
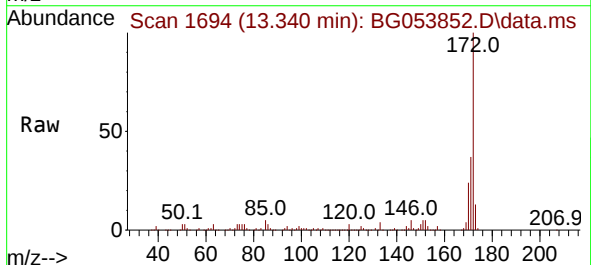
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1

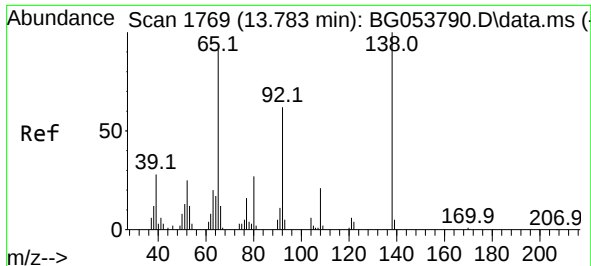
Tgt Ion:330 Resp: 168552
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 26.0 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 106.224 ng
RT: 13.340 min Scan# 1694
Delta R.T. -0.003 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

Tgt Ion:172 Resp: 462264
Ion Ratio Lower Upper
172 100
171 37.4 28.5 42.7
170 24.1 18.9 28.3

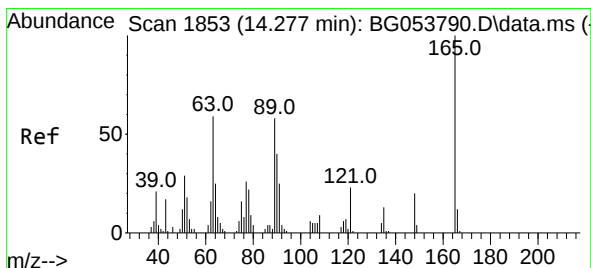
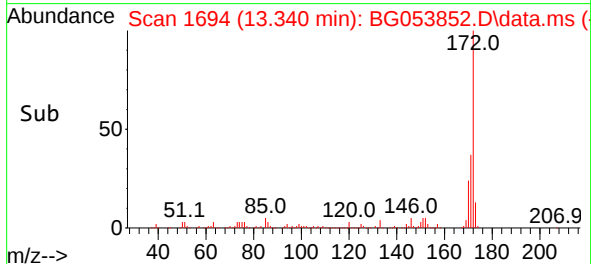
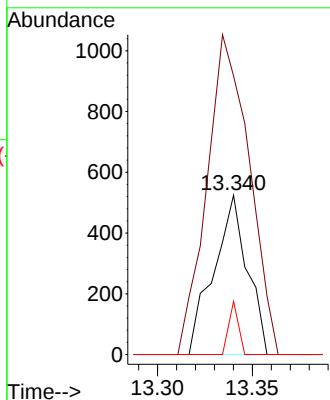
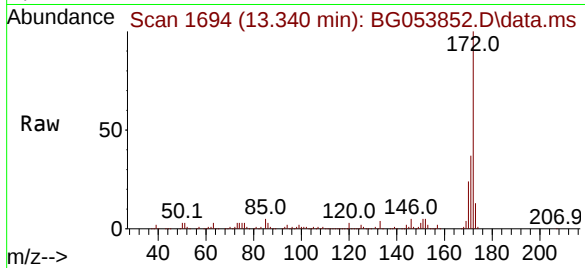




#48
2-Nitroaniline
Concen: 5.673 ng
RT: 13.340 min Scan# 1
Delta R.T. -0.443 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

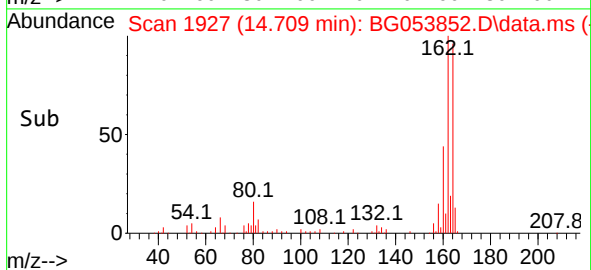
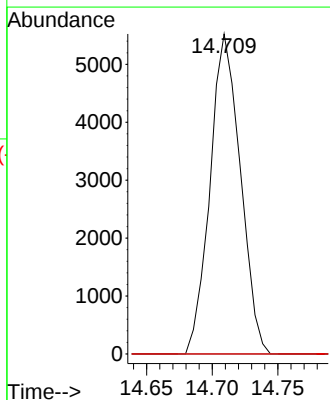
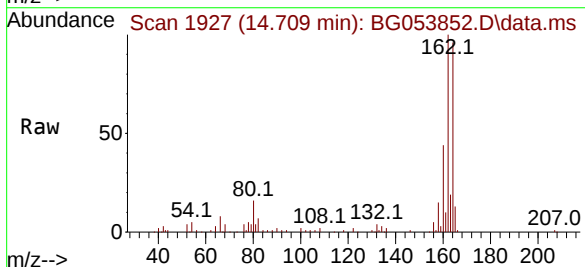
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BNA_G
ClientSampleId :
WC-14B-2-1

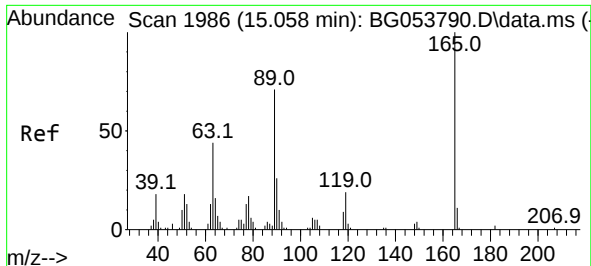
Tgt Ion: 65 Resp: 649
Ion Ratio Lower Upper
65 100
92 174.7 51.5 77.3#
138 33.3 71.3 106.9#



#51
2,6-Dinitrotoluene
Concen: 13.539 ng
RT: 14.709 min Scan# 1927
Delta R.T. 0.432 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

Tgt Ion:165 Resp: 8873
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

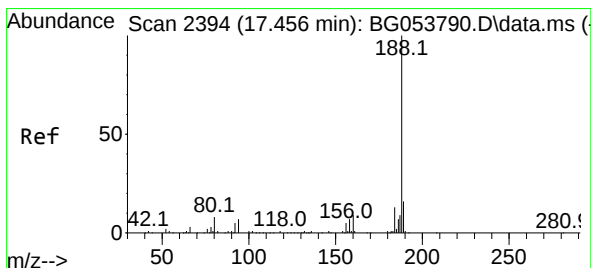
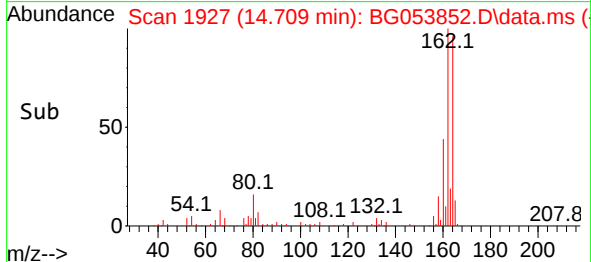
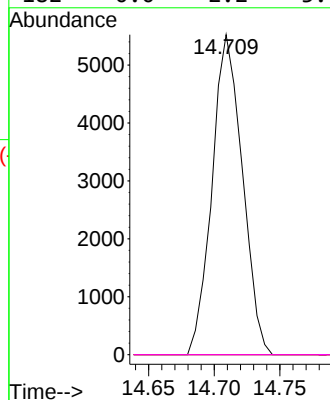
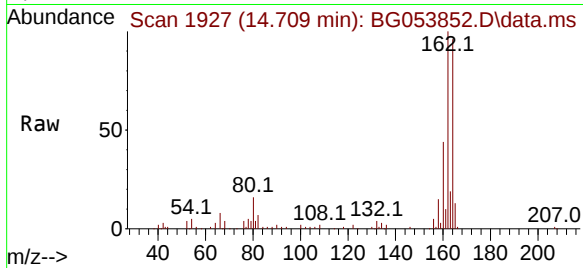




#57
2,4-Dinitrotoluene
Concen: 11.313 ng
RT: 14.709 min Scan# 1986
Delta R.T. -0.349 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

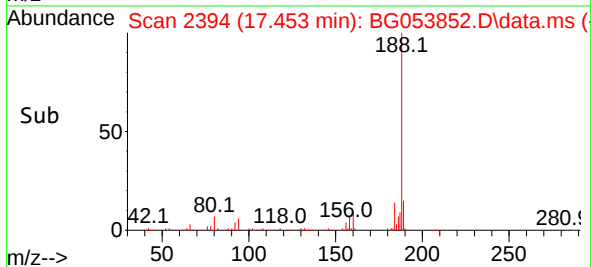
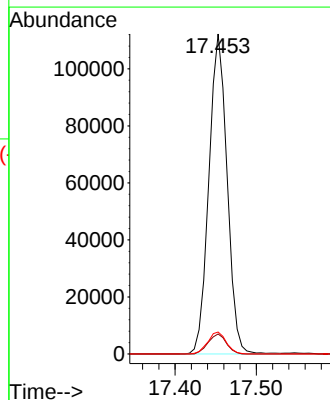
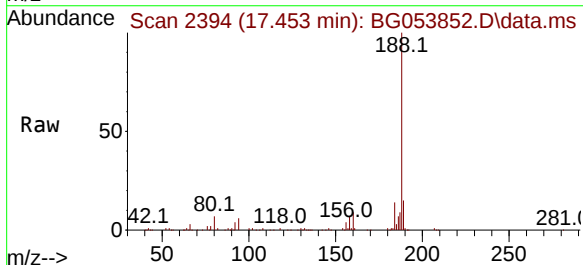
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1

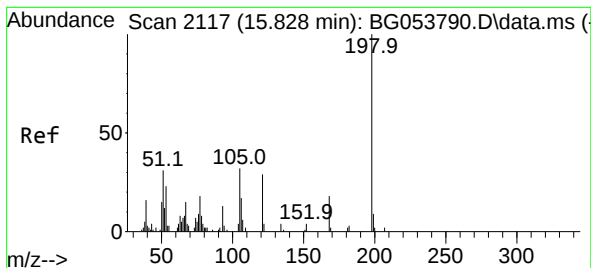
Tgt Ion:165 Resp: 8873
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.453 min Scan# 2394
Delta R.T. -0.003 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

Tgt Ion:188 Resp: 174557
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 6.8 6.8 10.2

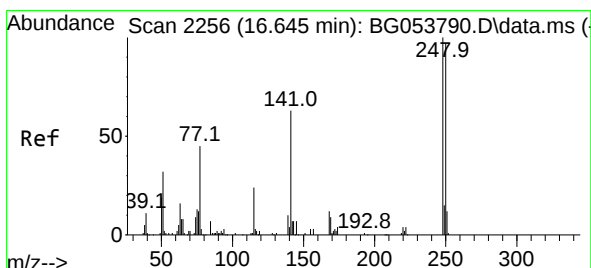
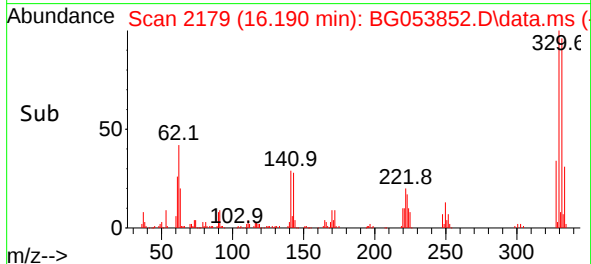
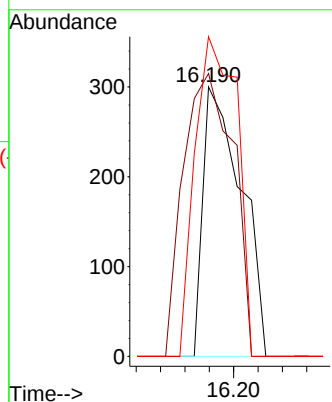
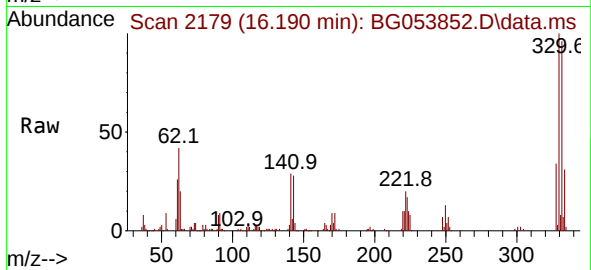




#65
4,6-Dinitro-2-methylphenol
Concen: 6.035 ng
RT: 16.190 min Scan# 2117
Delta R.T. 0.362 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

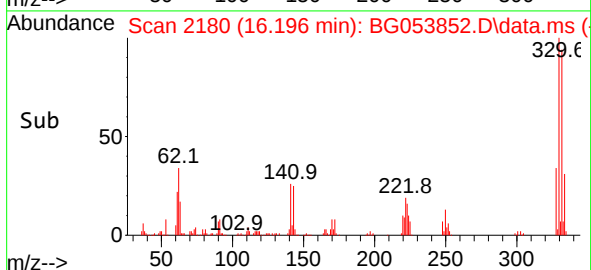
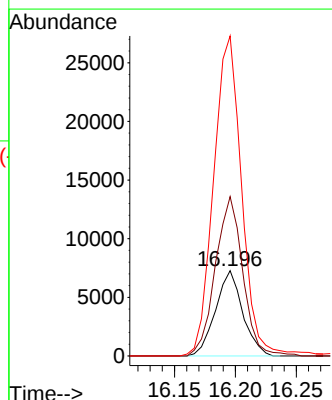
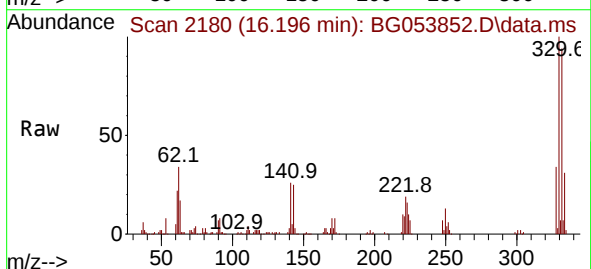
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1

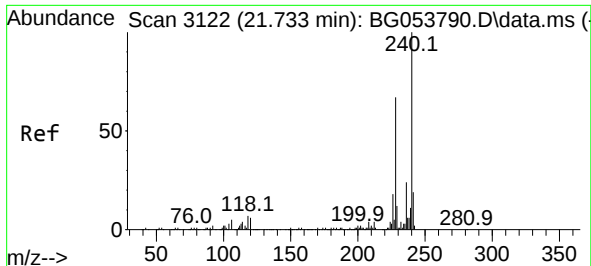
Tgt Ion:198 Resp: 327
Ion Ratio Lower Upper
198 100
51 105.0 28.1 68.1#
105 118.7 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 5.942 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.449 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

Tgt Ion:248 Resp: 11269
Ion Ratio Lower Upper
248 100
250 187.9 75.2 112.8#
141 290.1 50.0 75.0#

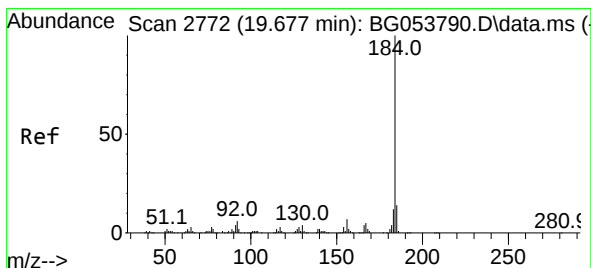
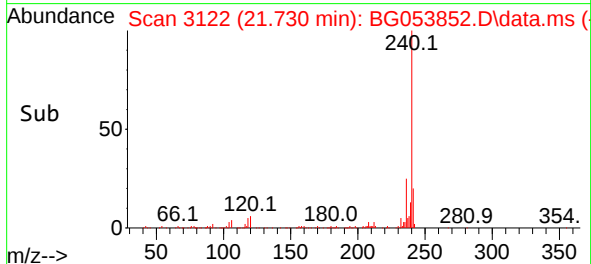
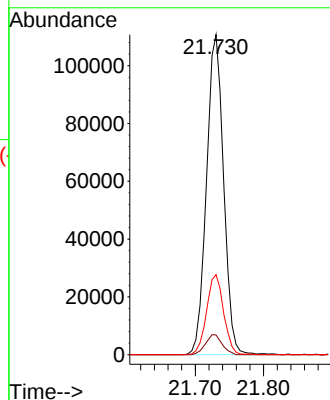
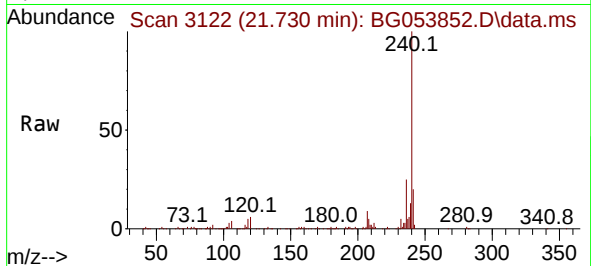




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

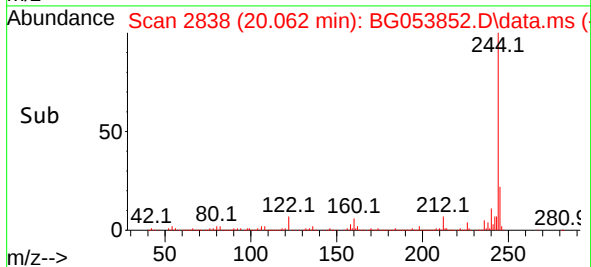
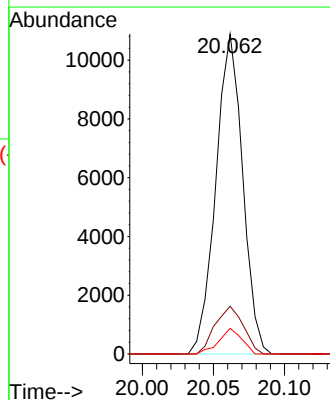
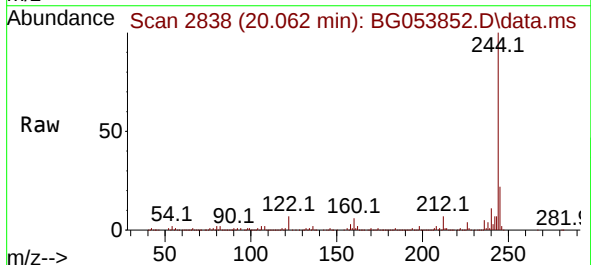
Instrument :
BNA_G
ClientSampleId :
WC-14B-2-1

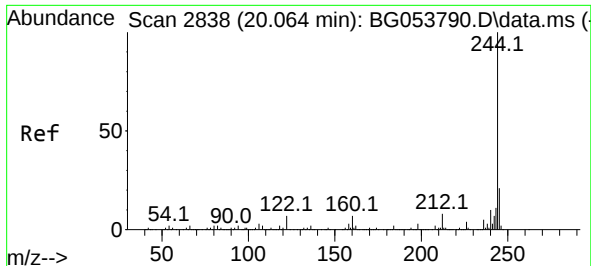
Tgt Ion:240 Resp: 192838
Ion Ratio Lower Upper
240 100
120 6.1 4.6 7.0
236 25.0 20.2 30.4



#77
Benzidine
Concen: 3.027 ng
RT: 20.062 min Scan# 2838
Delta R.T. 0.385 min
Lab File: BG053852.D
Acq: 8 Jun 2022 14:32

Tgt Ion:184 Resp: 14272
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.6
183 8.0 8.9 13.3#

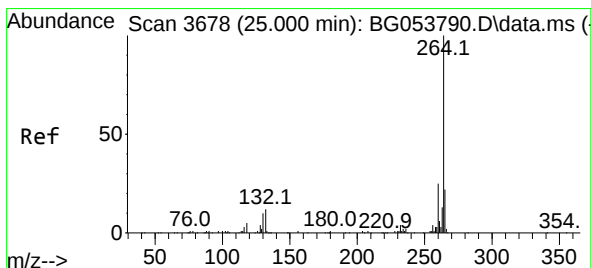
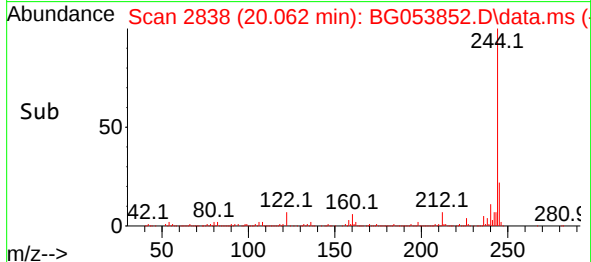
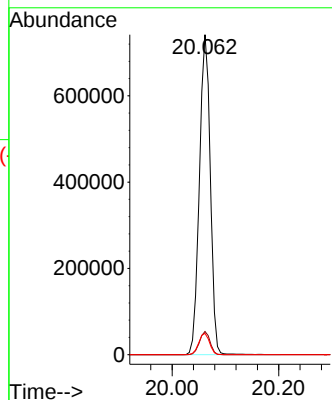
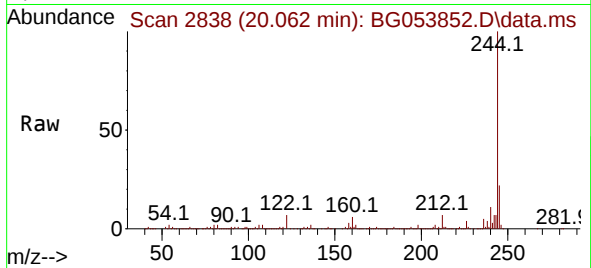




#79
 Terphenyl-d14
 Concen: 108.123 ng
 RT: 20.062 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053852.D
 Acq: 8 Jun 2022 14:32

Instrument :
 BNA_G
 ClientSampleId :
 WC-14B-2-1

Tgt Ion:244 Resp: 1048061
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 6.7 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.991 min Scan# 3677
 Delta R.T. -0.009 min
 Lab File: BG053852.D
 Acq: 8 Jun 2022 14:32

Tgt Ion:264 Resp: 197135
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.4 17.4 26.2

