

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060722\
 Data File : BG053842.D
 Acq On : 7 Jun 2022 18:22
 Operator : CG/JU
 Sample : N3224-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Time: Jun 08 02:51:16 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)

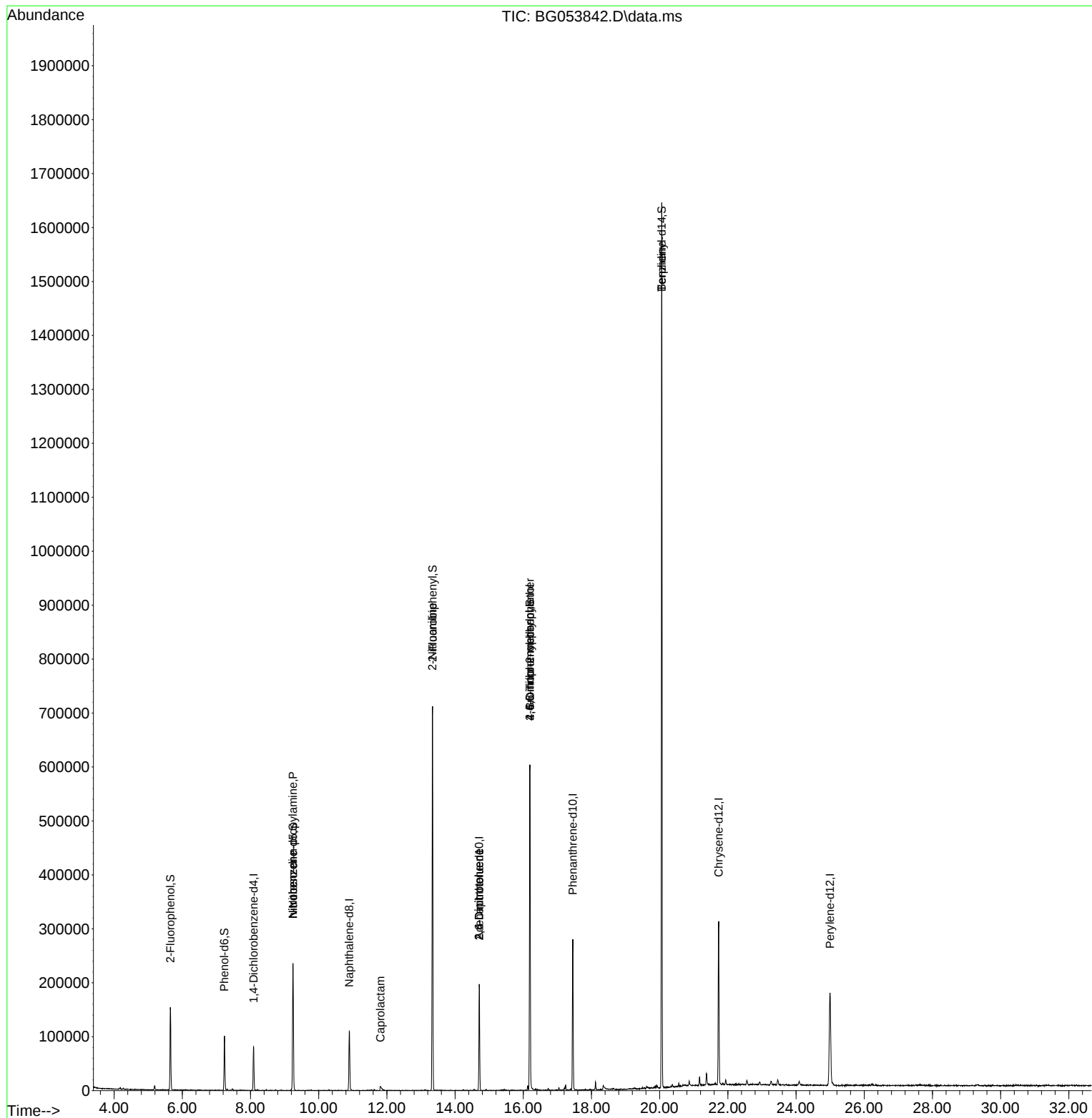
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	25318	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	103196	20.000	ng	0.00
39) Acenaphthene-d10	14.710	164	77854	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	197828	20.000	ng	0.00
76) Chrysene-d12	21.731	240	210854	20.000	ng	0.00
86) Perylene-d12	24.998	264	213911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	72963	52.921	ng	0.00
7) Phenol-d6	7.236	99	61628	32.998	ng	0.00
23) Nitrobenzene-d5	9.246	82	150850	95.992	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	146209	154.712	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	409061	78.603	ng	0.00
79) Terphenyl-d14	20.062	244	897643	84.693	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.246	70	19723	14.911	ng	# 79
24) Nitrobenzene	9.246	77	479	3.229	ng	# 48
35) Caprolactam	11.813	113	2122	4.882	ng	# 84
48) 2-Nitroaniline	13.335	65	577	5.511	ng	# 13
51) 2,6-Dinitrotoluene	14.710	165	10385	13.337	ng	# 16
57) 2,4-Dinitrotoluene	14.710	165	10385	11.166	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.196	198	243	5.886	ng	# 1
67) 4-Bromophenyl-phenylether	16.196	248	9774	4.547	ng	# 1
77) Benzidine	20.062	184	12021	2.331	ng	# 94

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

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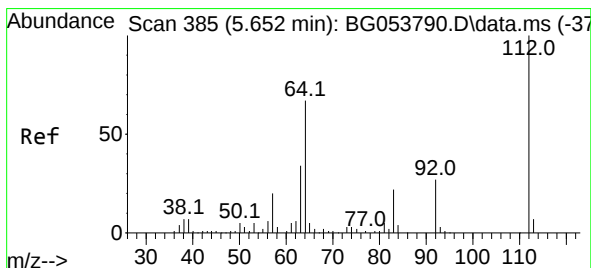
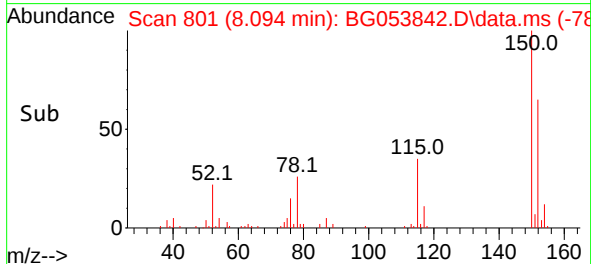
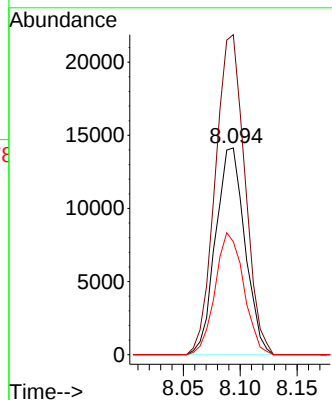
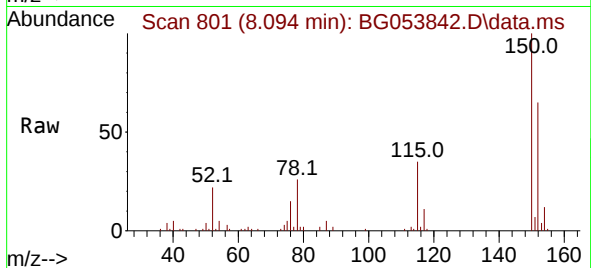




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

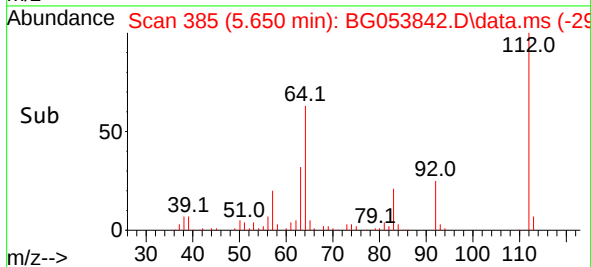
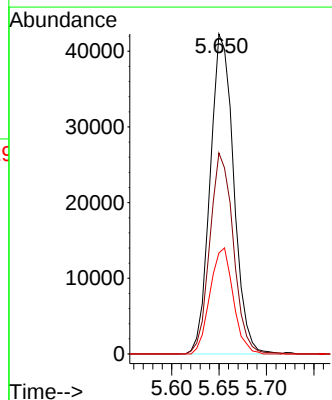
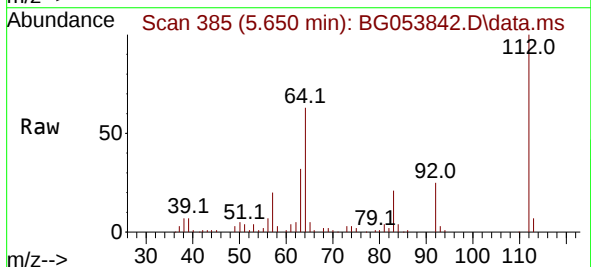
Instrument :
BNA_G
ClientSampleId :
MW-13

Tgt Ion:152 Resp: 25318
Ion Ratio Lower Upper
152 100
150 154.8 131.6 197.4
115 54.7 50.9 76.3



#5
2-Fluorophenol
Concen: 52.921 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion:112 Resp: 72963
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 31.5 30.4 45.6

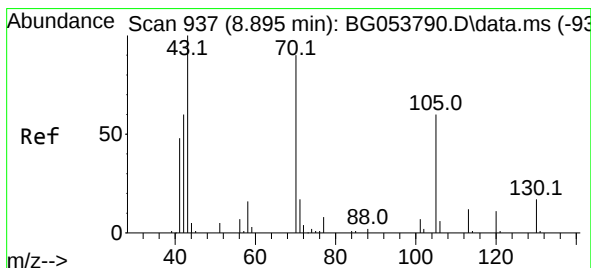
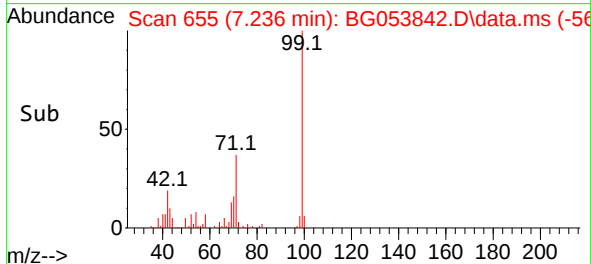
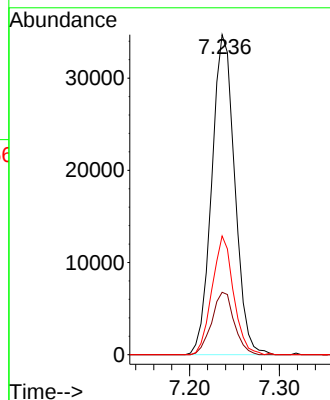
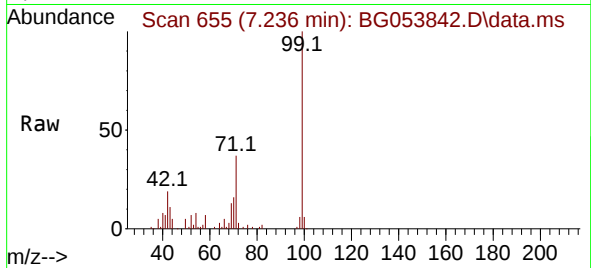




#7
Phenol-d6
Concen: 32.998 ng
RT: 7.236 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

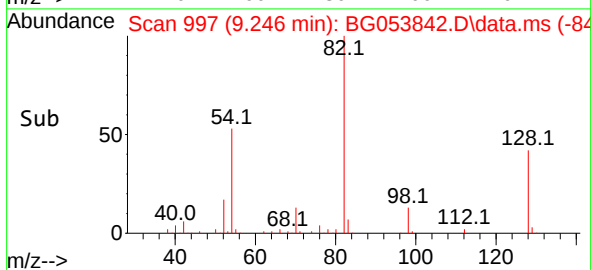
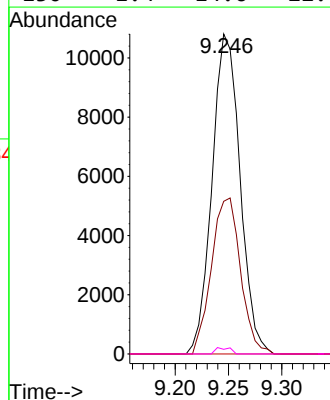
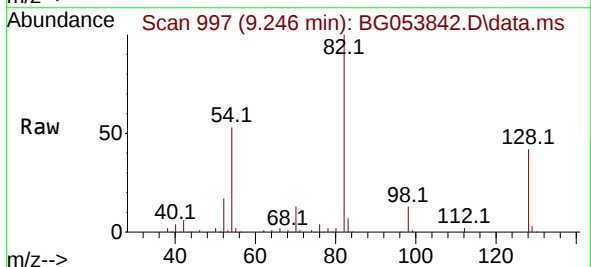
Instrument :
BNA_G
ClientSampleId :
MW-13

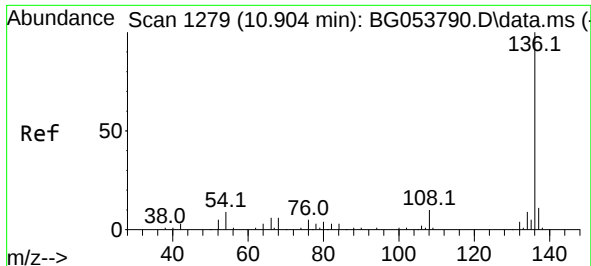
Tgt Ion: 99 Resp: 61628
Ion Ratio Lower Upper
99 100
42 19.5 17.0 25.6
71 37.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.911 ng
RT: 9.246 min Scan# 997
Delta R.T. 0.351 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion: 70 Resp: 19723
Ion Ratio Lower Upper
70 100
42 47.7 47.3 70.9
101 0.0 7.0 10.4#
130 1.4 14.6 22.0#

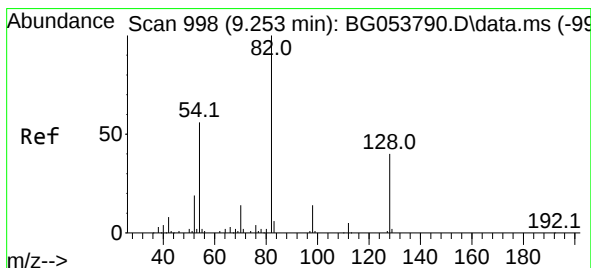
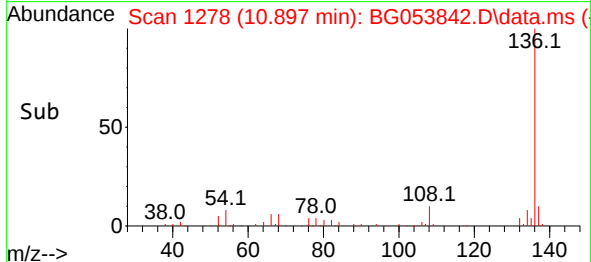
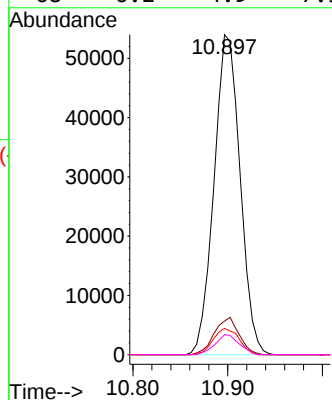
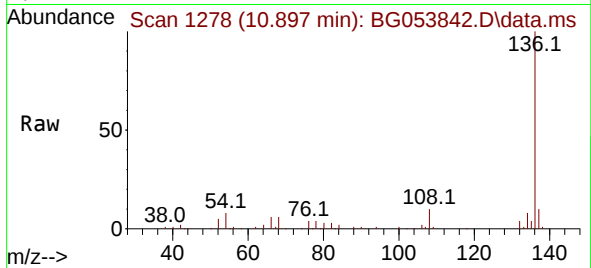




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.897 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

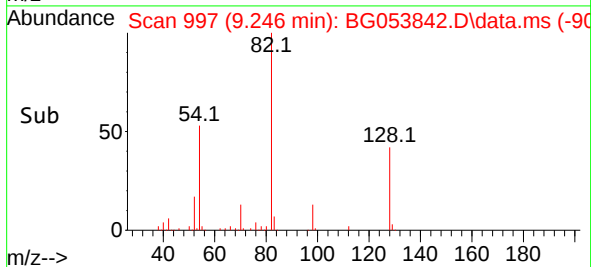
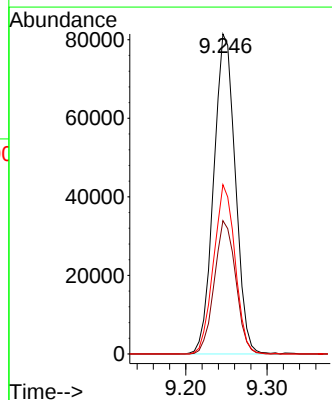
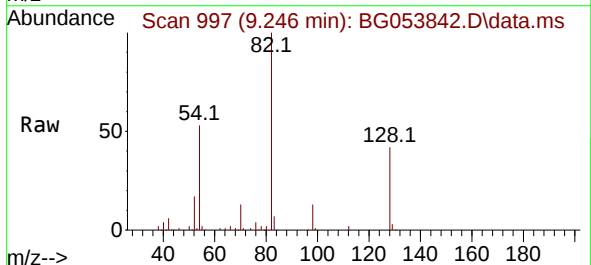
Instrument :
BNA_G
ClientSampleId :
MW-13

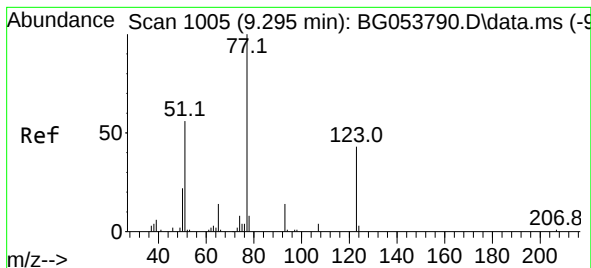
Tgt Ion:	136	Resp:	103196
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	8.2	7.4	11.2
68	6.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 95.992 ng
RT: 9.246 min Scan# 997
Delta R.T. -0.007 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion:	82	Resp:	150850
Ion	Ratio	Lower	Upper
82	100		
128	41.7	27.9	41.9
54	52.9	41.2	61.8





#24

Nitrobenzene

Concen: 3.229 ng

RT: 9.246 min Scan# 91

Delta R.T. -0.049 min

Lab File: BG053842.D

Acq: 7 Jun 2022 18:22

Instrument :

BNA_G

ClientSampleId :

MW-13

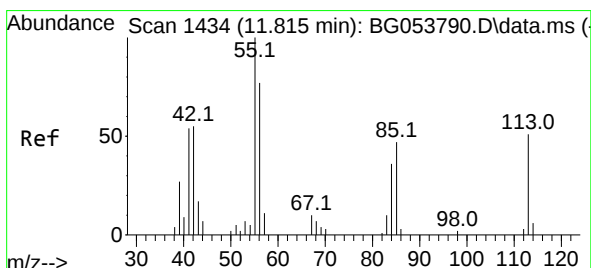
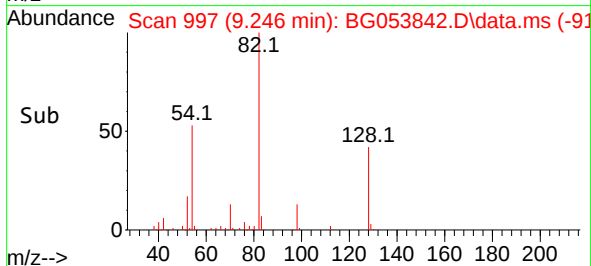
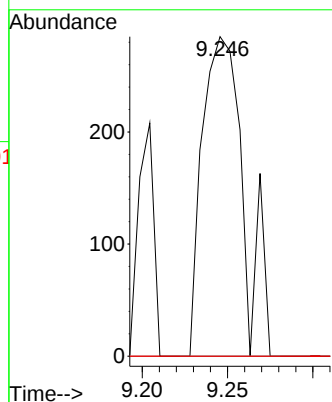
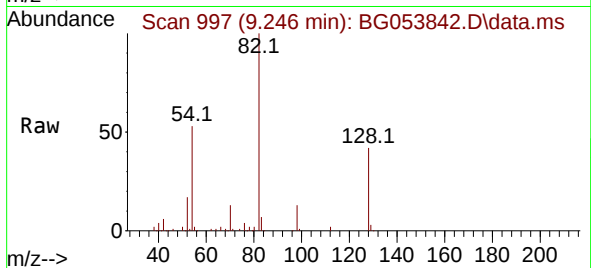
Tgt Ion: 77 Resp: 479

Ion Ratio Lower Upper

77 100

123 0.0 27.4 41.0#

65 0.0 11.4 17.0#



#35

Caprolactam

Concen: 4.882 ng

RT: 11.813 min Scan# 1434

Delta R.T. -0.002 min

Lab File: BG053842.D

Acq: 7 Jun 2022 18:22

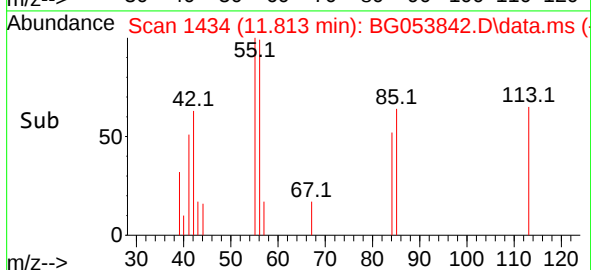
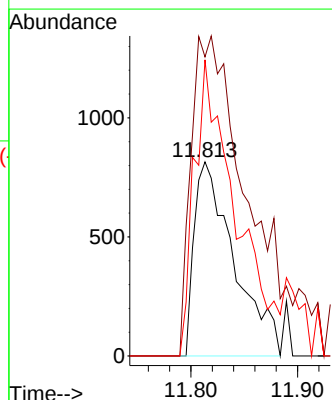
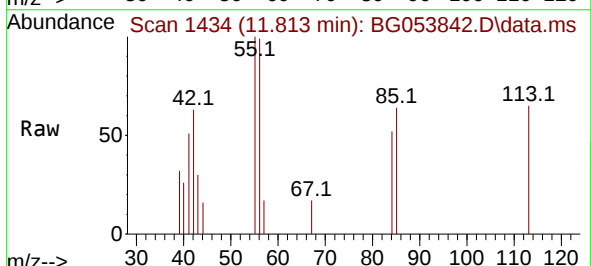
Tgt Ion: 113 Resp: 2122

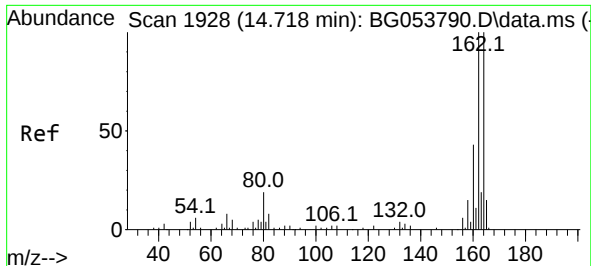
Ion Ratio Lower Upper

113 100

55 154.1 169.8 209.8#

56 152.6 141.2 181.2

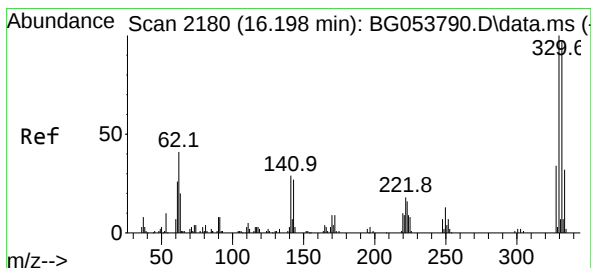
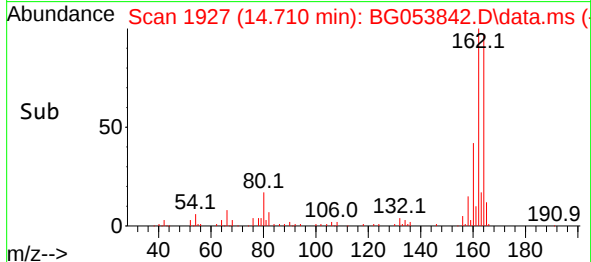
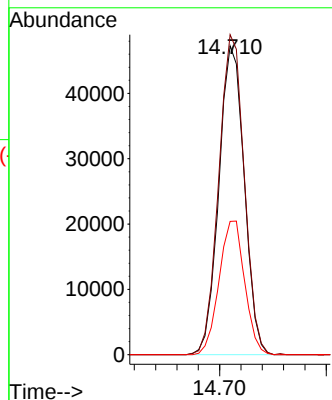
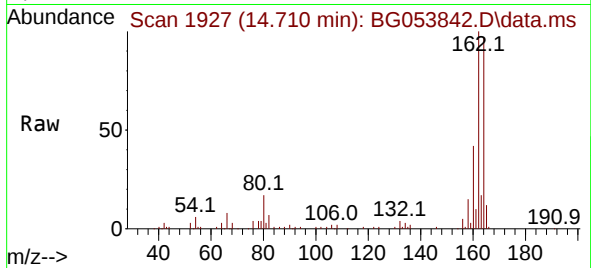




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1928
Delta R.T. -0.008 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

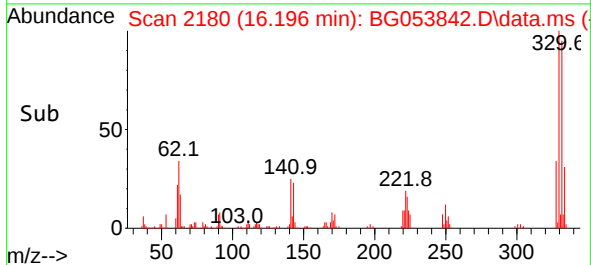
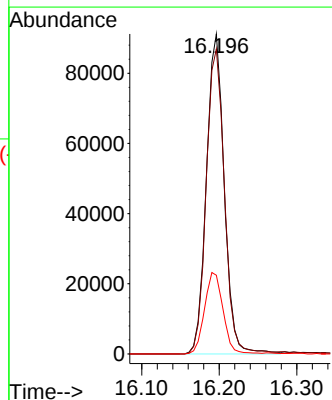
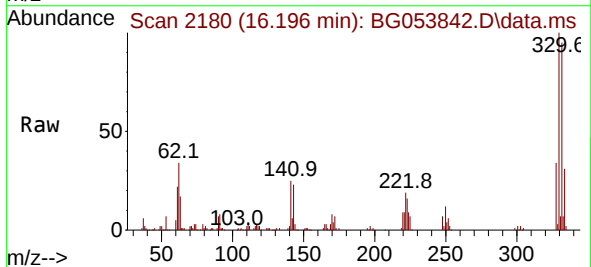
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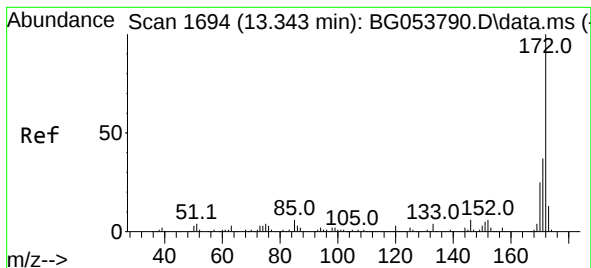
Tgt Ion:164 Resp: 77854
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 43.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 154.712 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion:330 Resp: 146209
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 26.3 27.1 40.7#

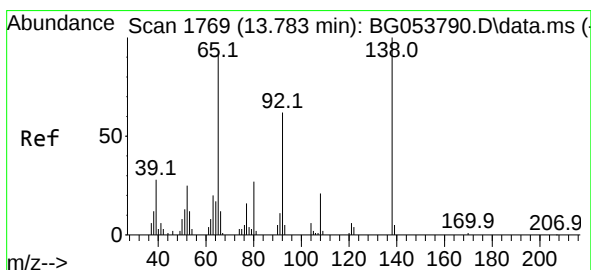
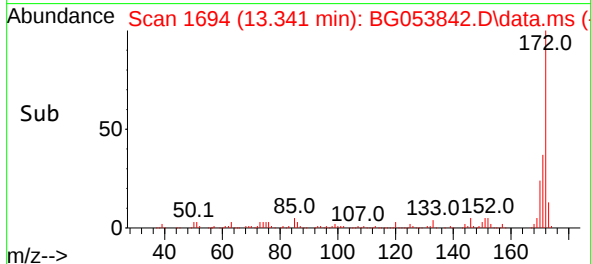
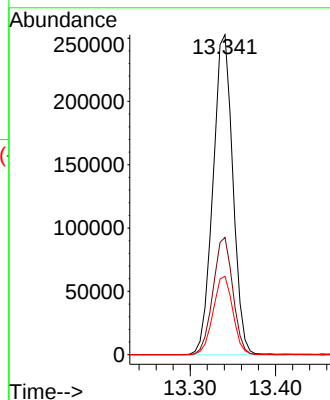
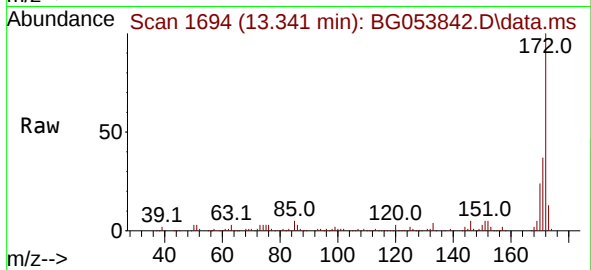




#45
2-Fluorobiphenyl
Concen: 78.603 ng
RT: 13.341 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

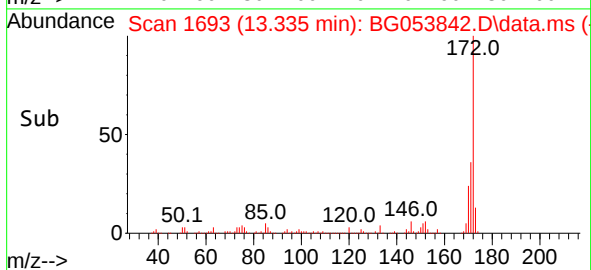
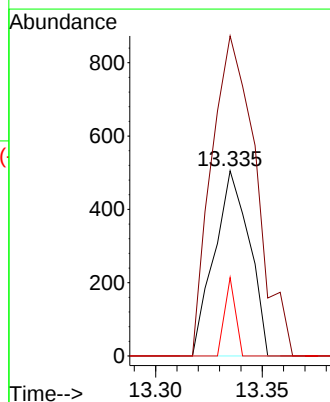
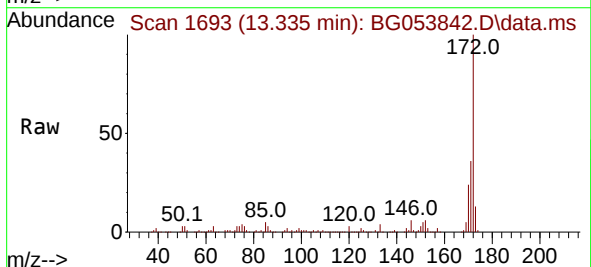
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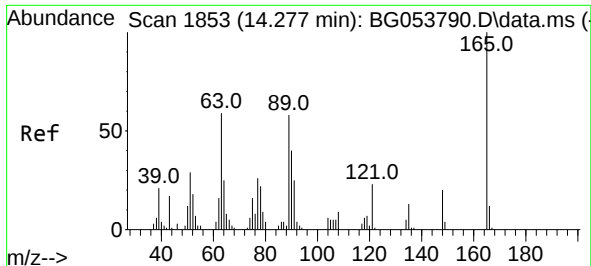
Tgt Ion:172 Resp: 409061
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.5 18.9 28.3



#48
2-Nitroaniline
Concen: 5.511 ng
RT: 13.335 min Scan# 1693
Delta R.T. -0.448 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion: 65 Resp: 577
Ion Ratio Lower Upper
65 100
92 172.9 51.5 77.3#
138 42.4 71.3 106.9#

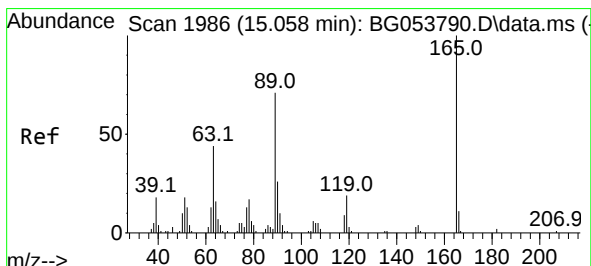
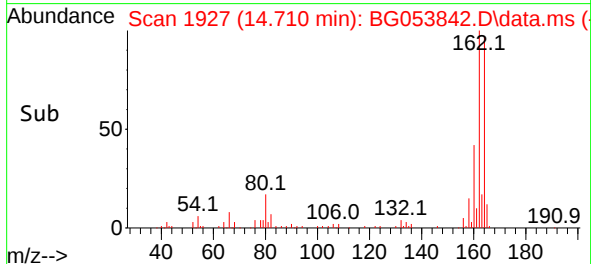
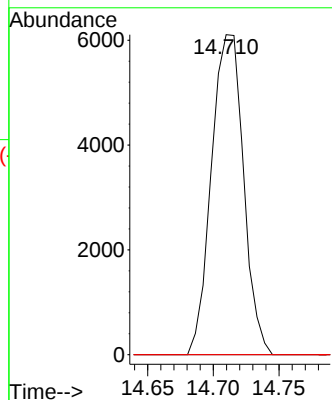
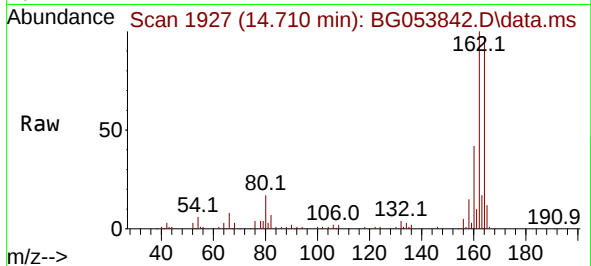




#51
2,6-Dinitrotoluene
Concen: 13.337 ng
RT: 14.710 min Scan# 1927
Delta R.T. 0.433 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

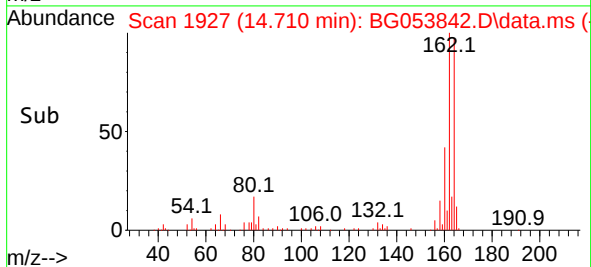
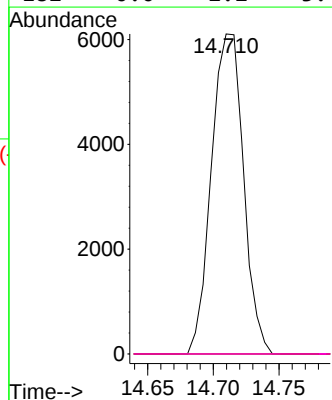
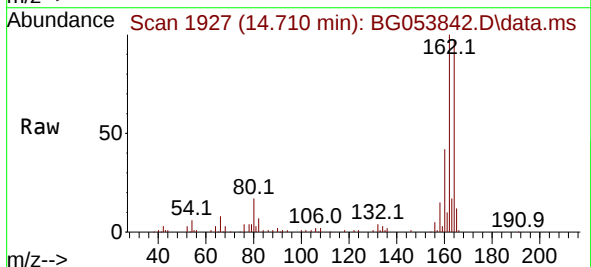
Instrument :
BNA_G
ClientSampleId :
MW-13

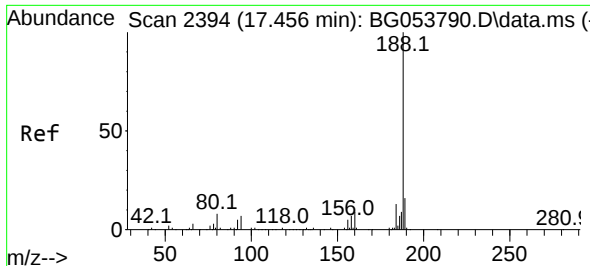
Tgt Ion:165 Resp: 10385
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 11.166 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.348 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion:165 Resp: 10385
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#

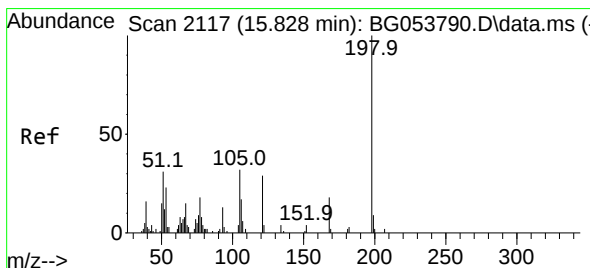
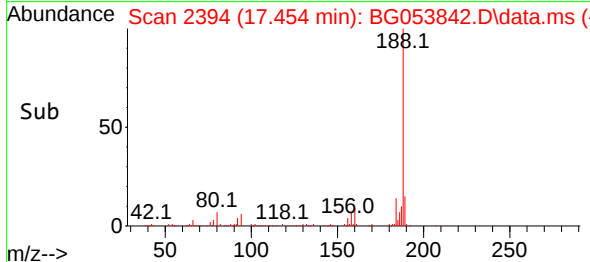
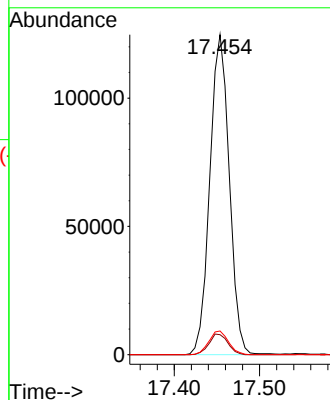
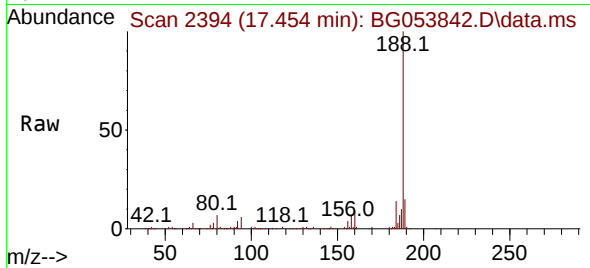




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2180
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

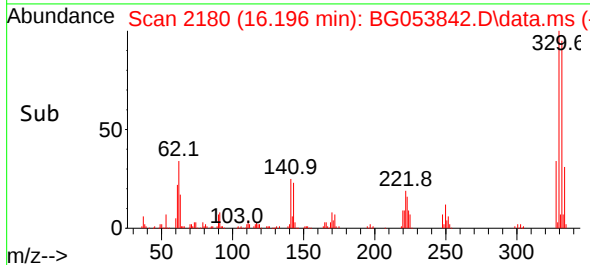
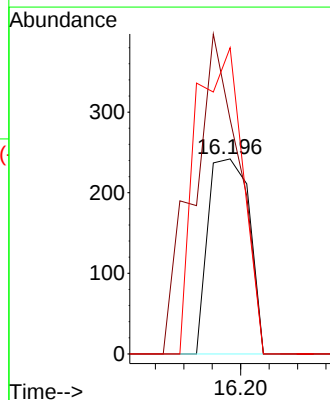
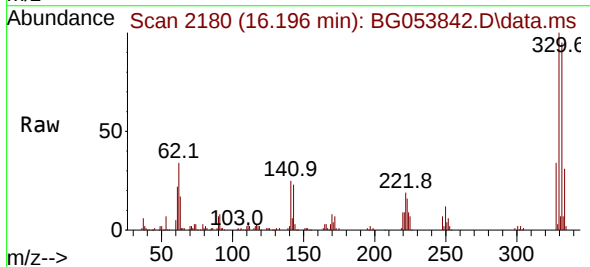
Instrument :
BNA_G
ClientSampleId :
MW-13

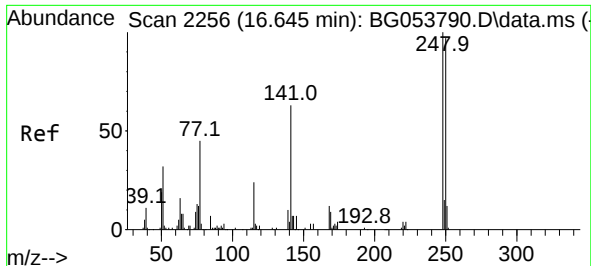
Tgt Ion:188 Resp: 197828
Ion Ratio Lower Upper
188 100
94 6.2 5.4 8.0
80 7.4 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.886 ng
RT: 16.196 min Scan# 2180
Delta R.T. 0.368 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion:198 Resp: 243
Ion Ratio Lower Upper
198 100
51 120.2 28.1 68.1#
105 157.0 20.3 60.3#

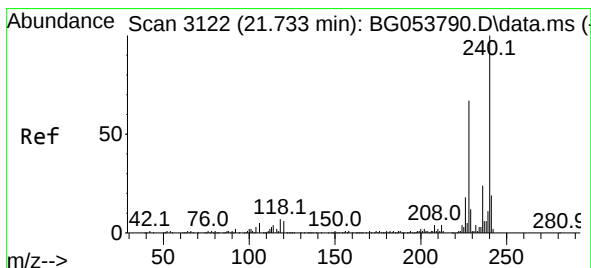
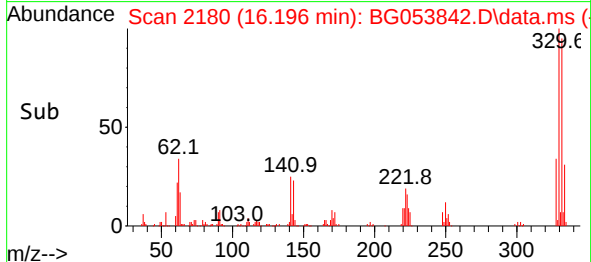
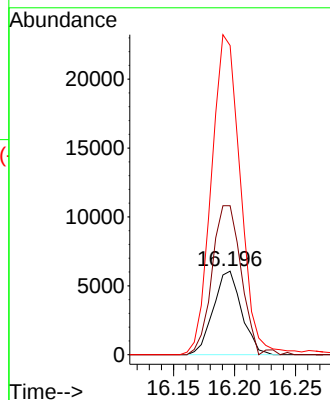
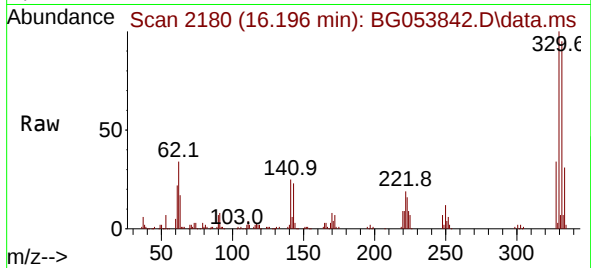




#67
4-Bromophenyl-phenylether
Concen: 4.547 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.449 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

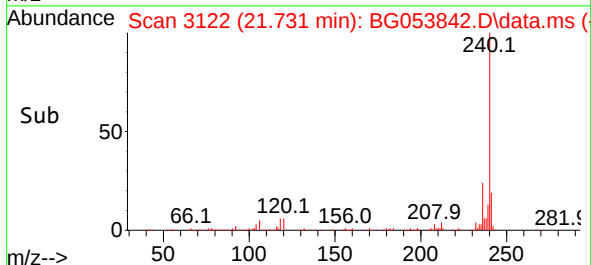
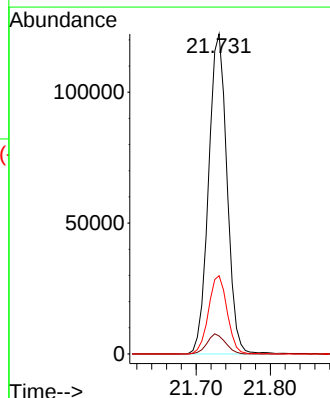
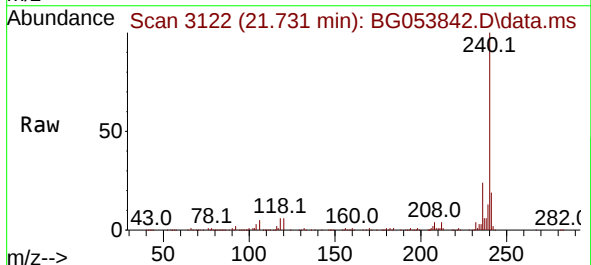
Instrument :
BNA_G
ClientSampleId :
MW-13

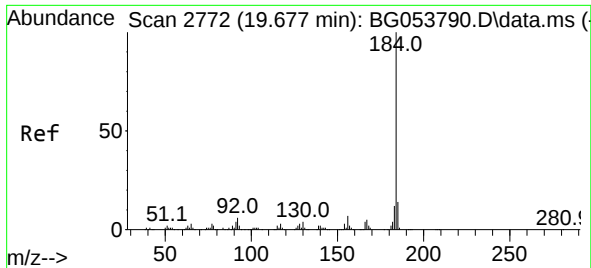
Tgt Ion:248 Resp: 9774
Ion Ratio Lower Upper
248 100
250 183.3 75.2 112.8#
141 286.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.731 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion:240 Resp: 210854
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 24.4 20.2 30.4

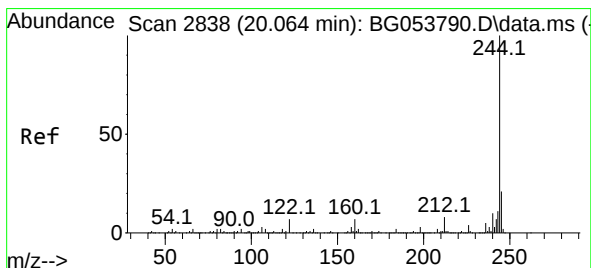
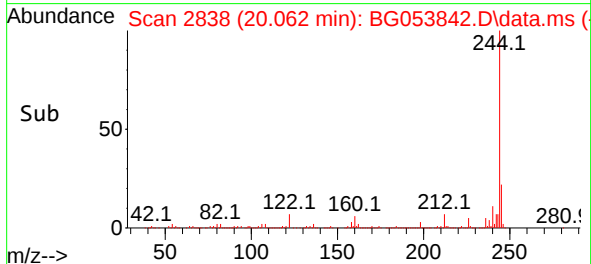
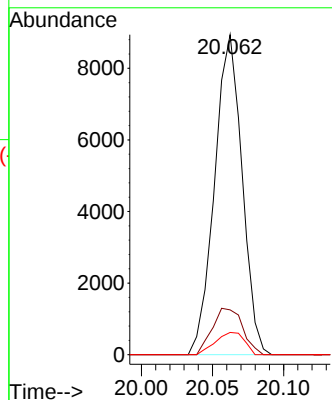
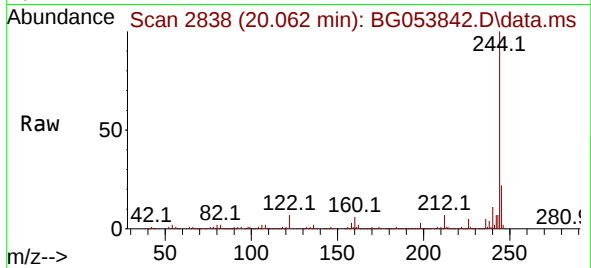




#77
Benzidine
Concen: 2.331 ng
RT: 20.062 min Scan# 21
Delta R.T. 0.386 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

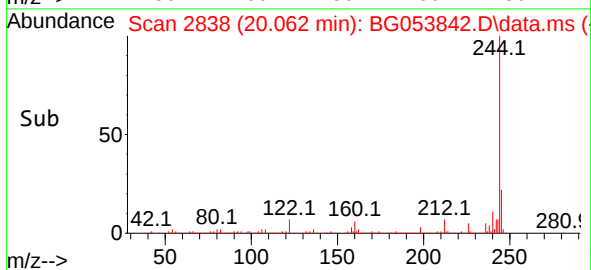
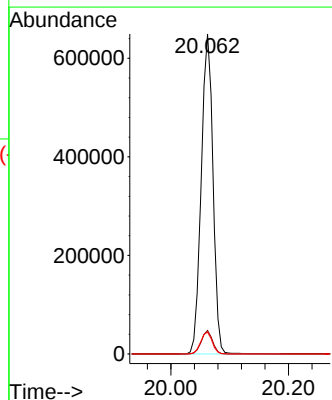
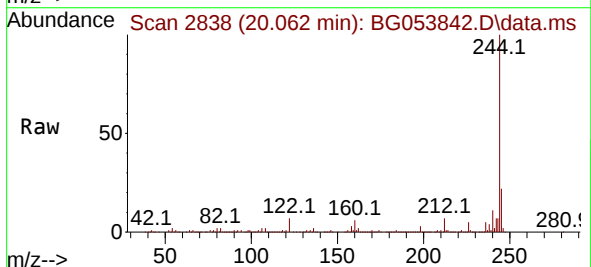
Instrument :
BNA_G
ClientSampleId :
MW-13

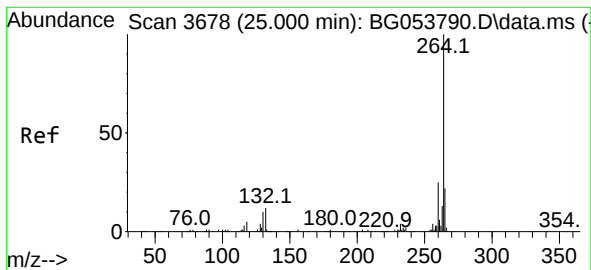
Tgt Ion:184 Resp: 12021
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 7.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 84.693 ng
RT: 20.062 min Scan# 2838
Delta R.T. -0.002 min
Lab File: BG053842.D
Acq: 7 Jun 2022 18:22

Tgt Ion:244 Resp: 897643
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 6.8 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG053842.D

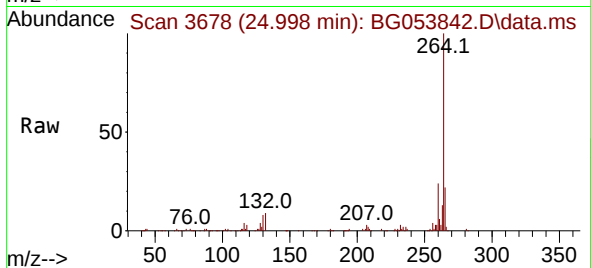
Acq: 7 Jun 2022 18:22

Instrument :

BNA_G

ClientSampleId :

MW-13



Tgt Ion:264 Resp: 213911

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.8 17.4 26.2

