

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054154.D
 Acq On : 29 Jun 2022 20:55
 Operator : CG/JU
 Sample : N3517-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220627

Quant Time: Jun 29 22:07:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

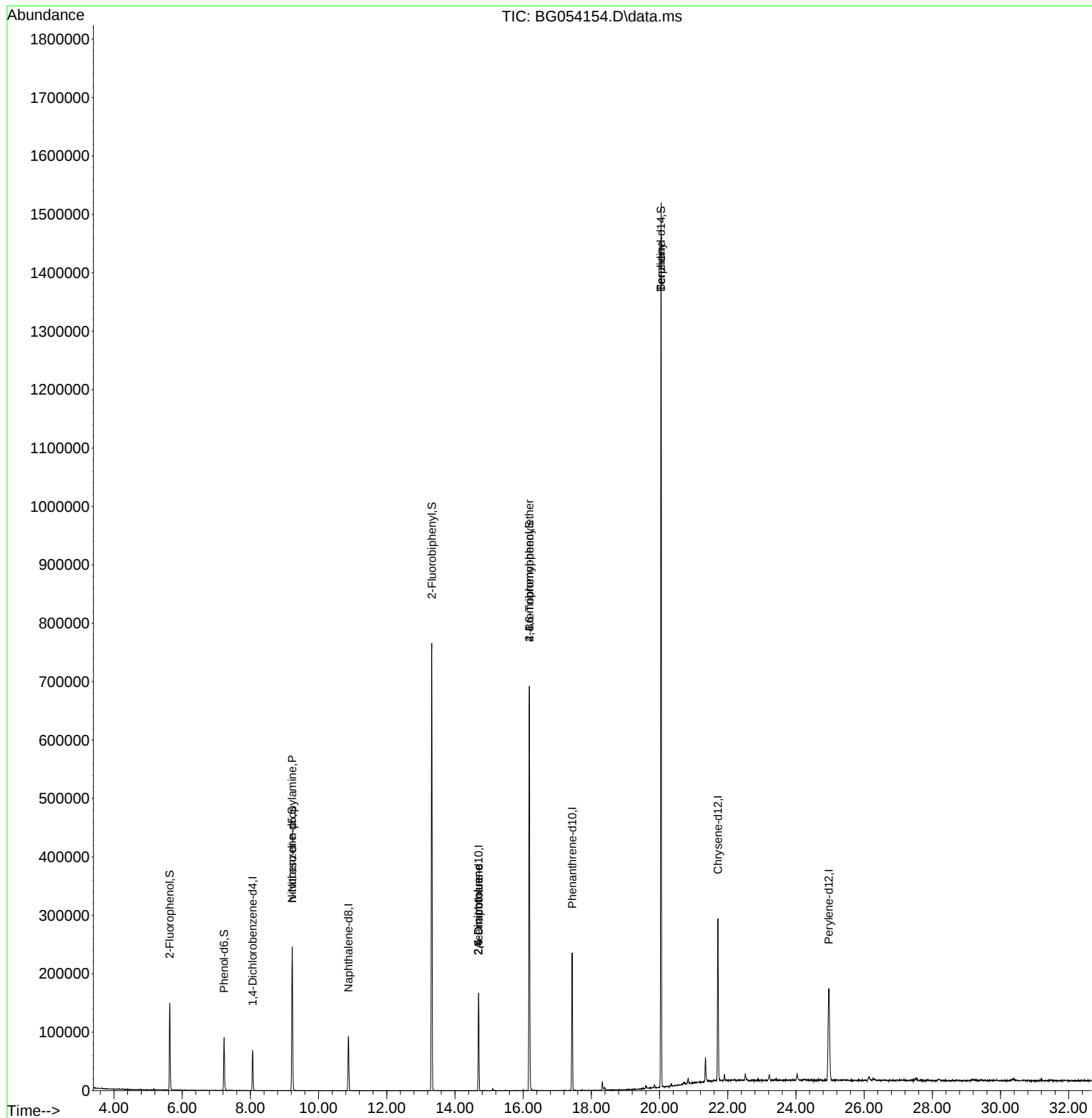
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	22230	20.000	ng	0.00
21) Naphthalene-d8	10.876	136	87131	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	65898	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	171111	20.000	ng	# 0.00
76) Chrysene-d12	21.710	240	190113	20.000	ng	0.00
86) Perylene-d12	24.965	264	192635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	72088	62.000	ng	0.00
7) Phenol-d6	7.227	99	56837	36.034	ng	0.00
23) Nitrobenzene-d5	9.225	82	162770	104.980	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	173841	164.192	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	453807	100.139	ng	0.00
79) Terphenyl-d14	20.048	244	883778	93.629	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.231	70	22283	21.028	ng	# 77
51) 2,6-Dinitrotoluene	14.689	165	9051	8.926	ng	# 16
57) 2,4-Dinitrotoluene	14.689	165	9051	6.320	ng	# 21
67) 4-Bromophenyl-phenylether	16.182	248	10337	4.837	ng	# 1
77) Benzidine	20.048	184	11350	2.883	ng	# 94

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

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QLast Update : Mon Jun 27 00:27:54 2022
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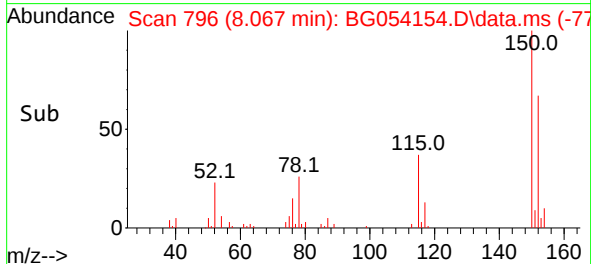
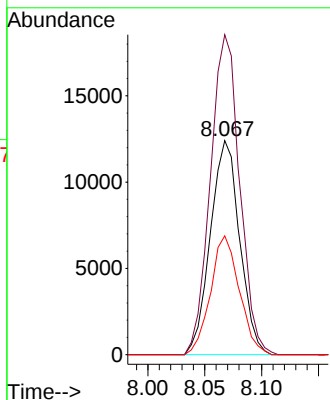
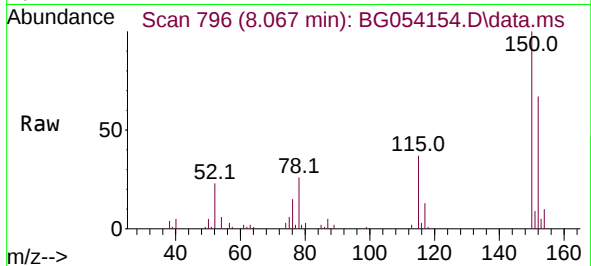




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.067 min Scan# 79
Delta R.T. -0.003 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

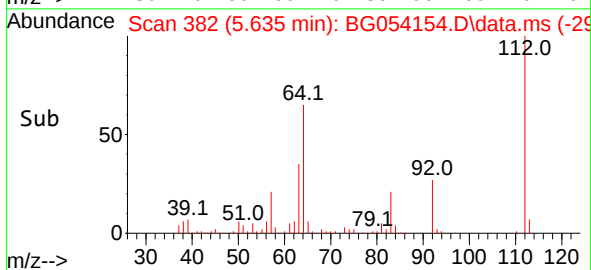
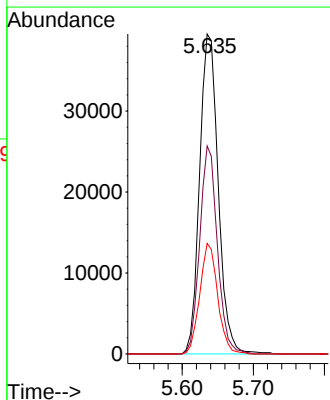
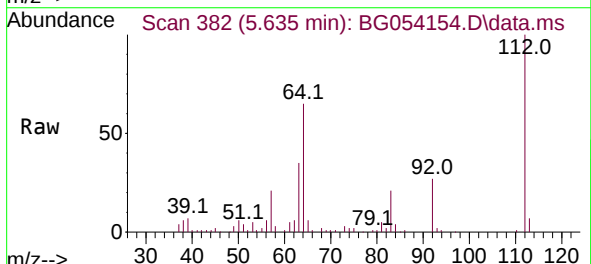
Instrument :
BNA_G
ClientSampleId :
MW-4-20220627

Tgt Ion:152 Resp: 22230
Ion Ratio Lower Upper
152 100
150 149.5 131.6 197.4
115 55.5 50.9 76.3



#5
2-Fluorophenol
Concen: 62.000 ng
RT: 5.635 min Scan# 382
Delta R.T. -0.003 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

Tgt Ion:112 Resp: 72088
Ion Ratio Lower Upper
112 100
64 65.0 55.1 82.7
63 34.6 30.4 45.6

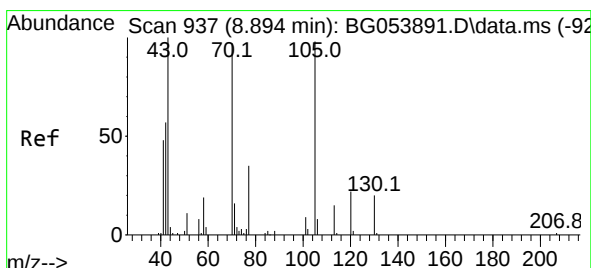
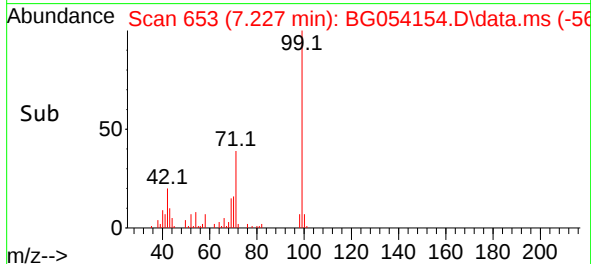
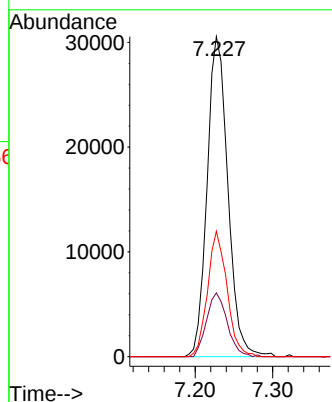
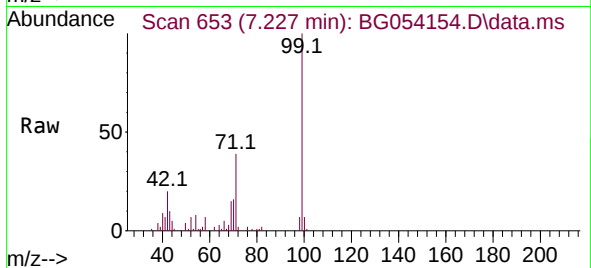




#7
Phenol-d6
Concen: 36.034 ng
RT: 7.227 min Scan# 611
Delta R.T. -0.003 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

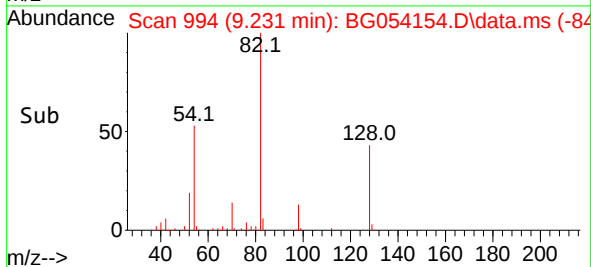
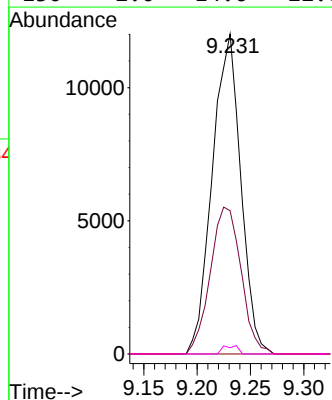
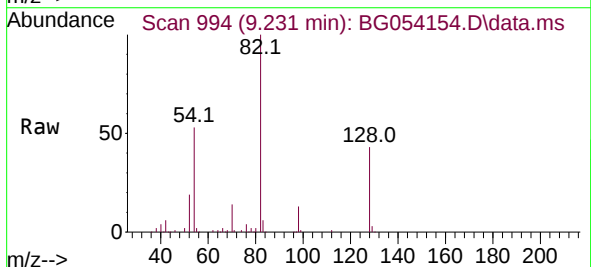
Instrument :
BNA_G
ClientSampleId :
MW-4-20220627

Tgt Ion: 99 Resp: 56837
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.6
71 39.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.028 ng
RT: 9.231 min Scan# 994
Delta R.T. 0.356 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

Tgt Ion: 70 Resp: 22283
Ion Ratio Lower Upper
70 100
42 44.8 47.3 70.9#
101 0.0 7.0 10.4#
130 2.0 14.6 22.0#

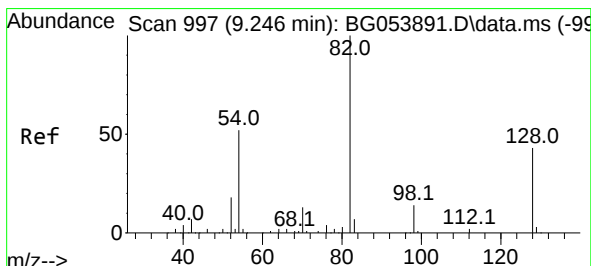
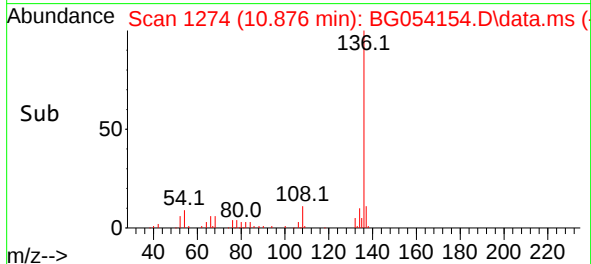
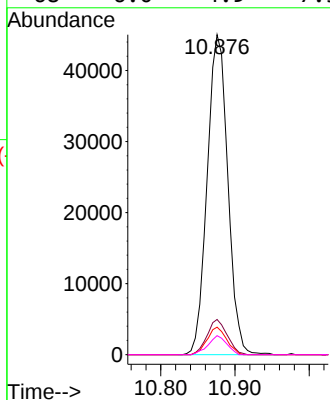
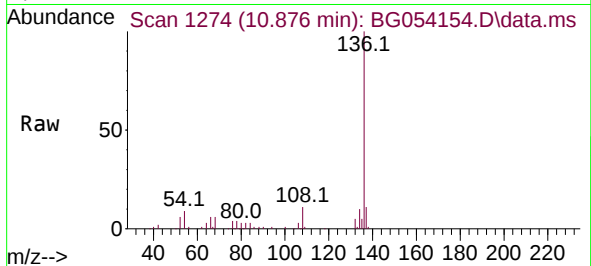




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.876 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

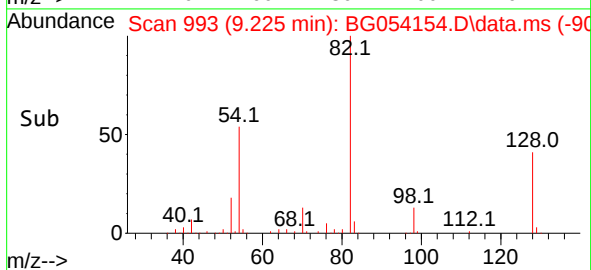
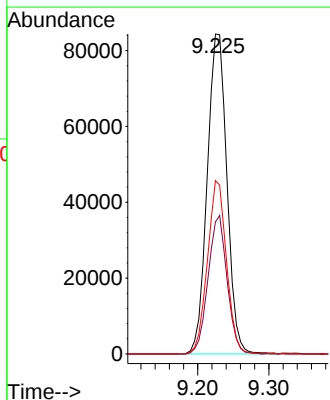
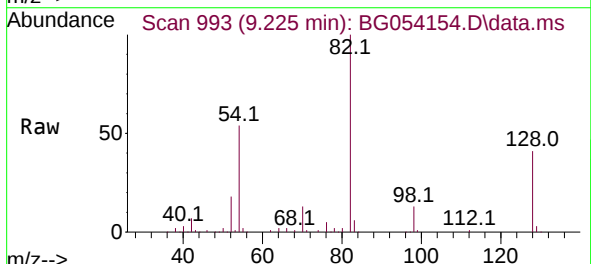
Instrument :
BNA_G
ClientSampleId :
MW-4-20220627

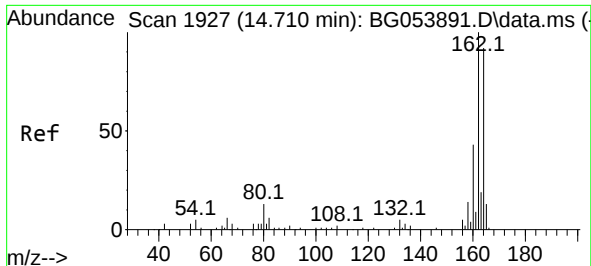
Tgt Ion:	136	Resp:	87131
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.6	7.4	11.2
68	6.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 104.980 ng
RT: 9.225 min Scan# 993
Delta R.T. -0.009 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

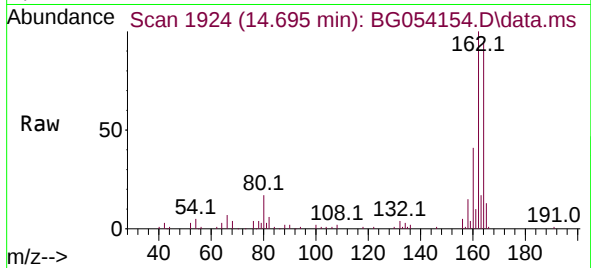
Tgt Ion:	82	Resp:	162770
Ion	Ratio	Lower	Upper
82	100		
128	41.3	27.9	41.9
54	54.1	41.2	61.8



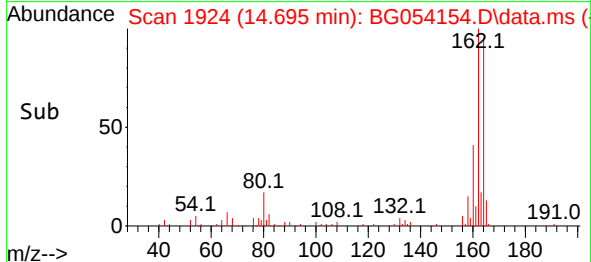
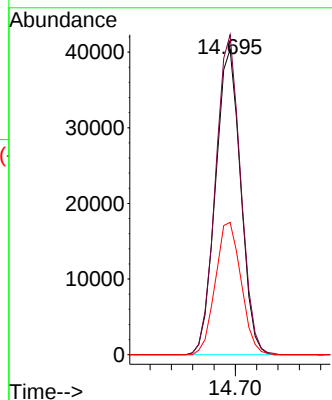


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

Instrument :
BNA_G
ClientSampleId :
MW-4-20220627

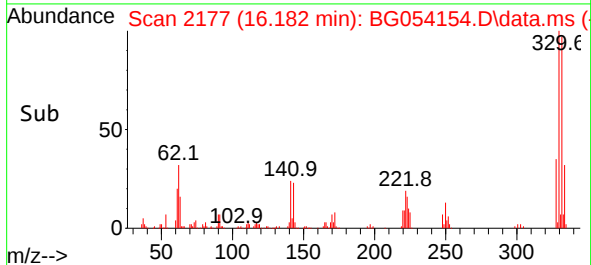
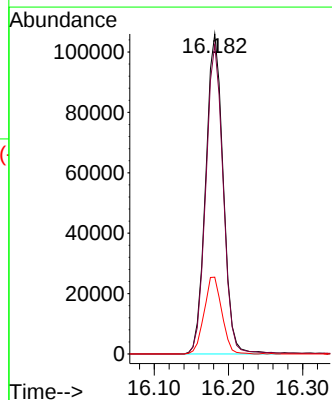
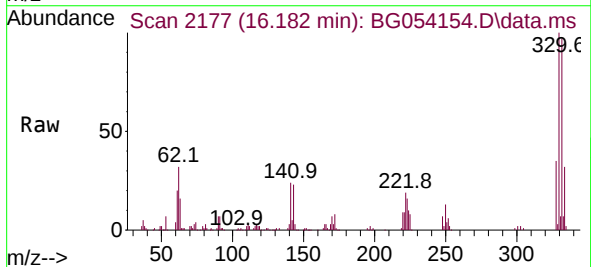


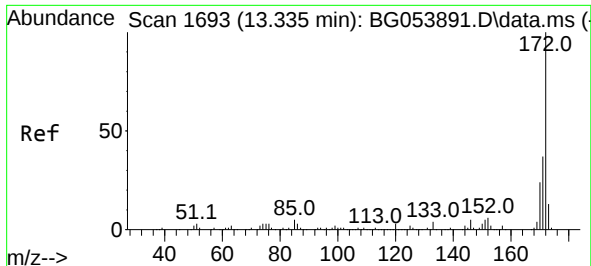
Tgt Ion:164 Resp: 65898
Ion Ratio Lower Upper
164 100
162 104.8 82.3 123.5
160 43.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 164.192 ng
RT: 16.182 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

Tgt Ion:330 Resp: 173841
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 24.3 27.1 40.7#

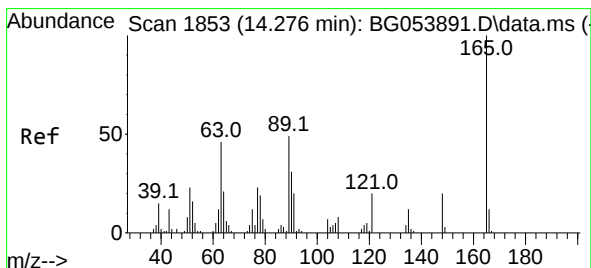
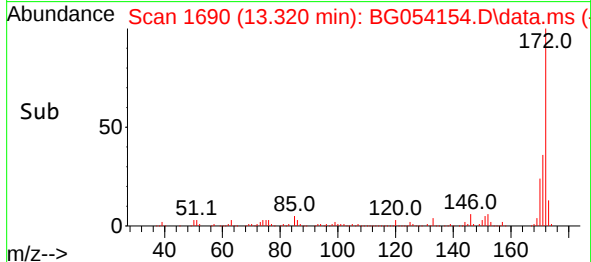
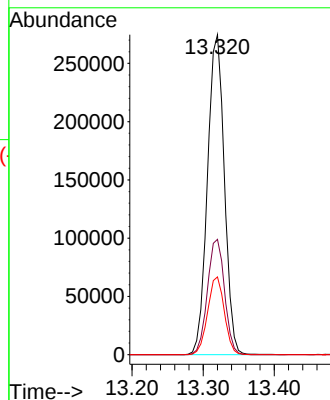
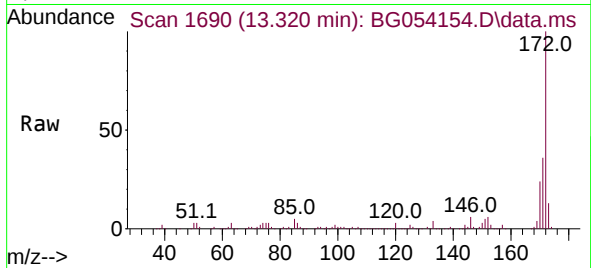




#45
2-Fluorobiphenyl
Concen: 100.139 ng
RT: 13.320 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

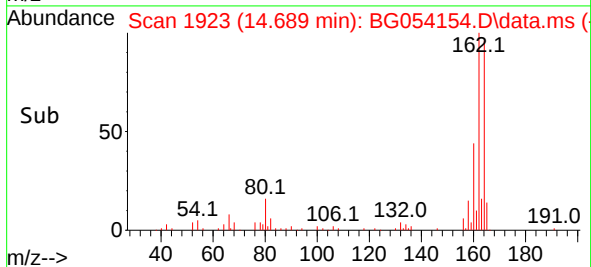
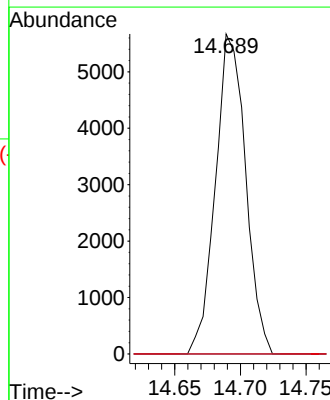
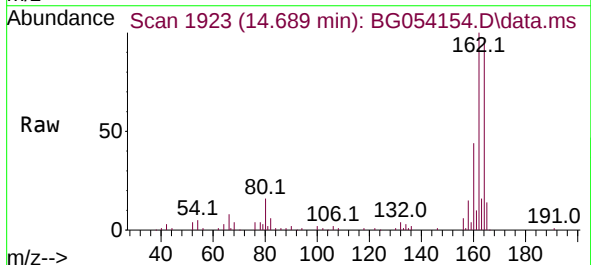
Instrument :
BNA_G
ClientSampleId :
MW-4-20220627

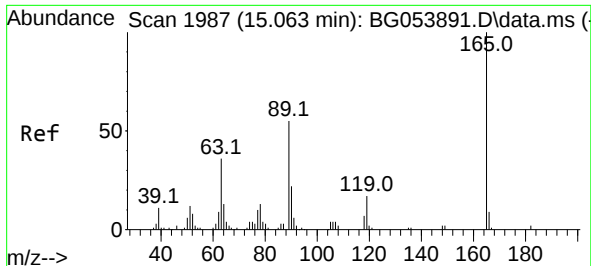
Tgt Ion:172 Resp: 453807
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.3 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.926 ng
RT: 14.689 min Scan# 1923
Delta R.T. 0.426 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

Tgt Ion:165 Resp: 9051
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

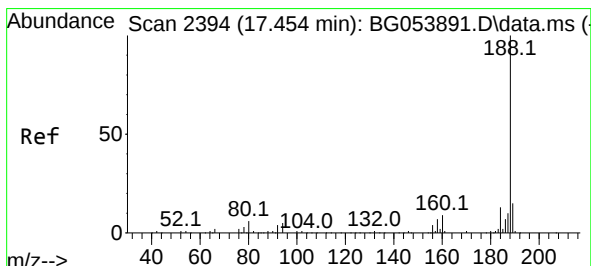
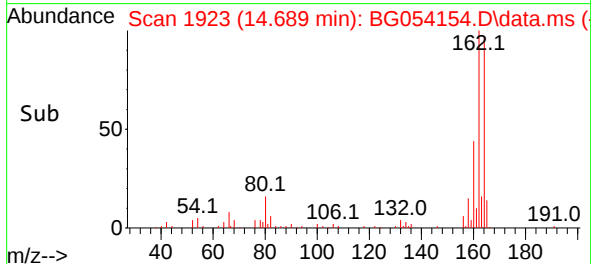
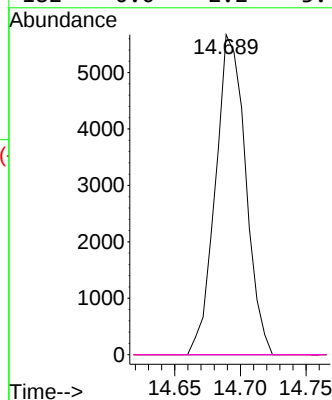
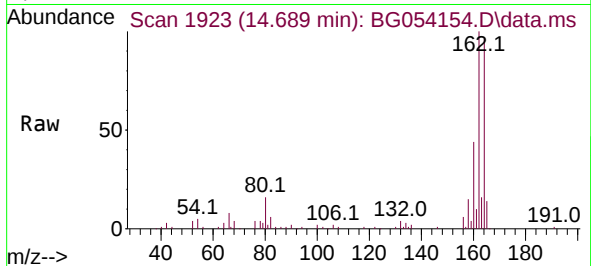




#57
2,4-Dinitrotoluene
Concen: 6.320 ng
RT: 14.689 min Scan# 1987
Delta R.T. -0.361 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

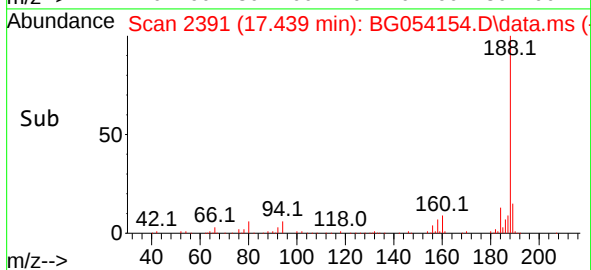
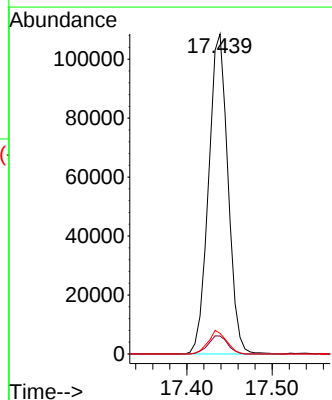
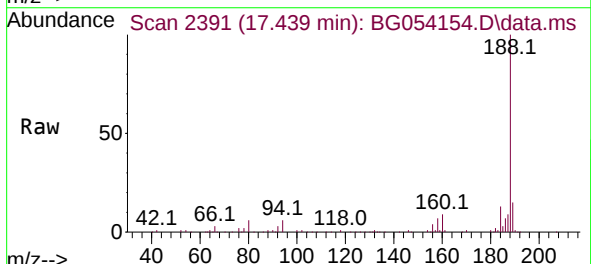
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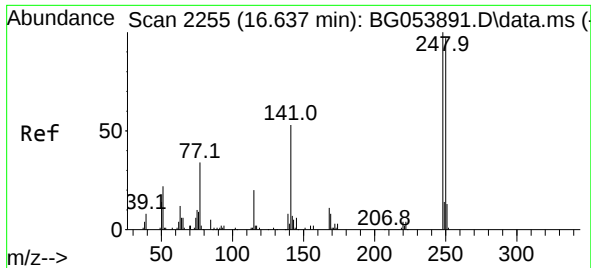
Tgt Ion:165 Resp: 9051
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2391
Delta R.T. -0.003 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

Tgt Ion:188 Resp: 171111
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 6.5 6.8 10.2#

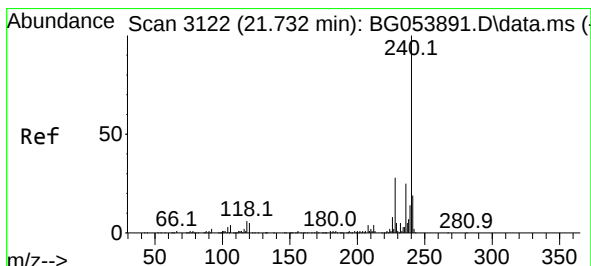
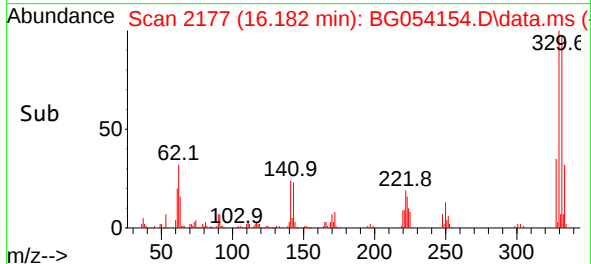
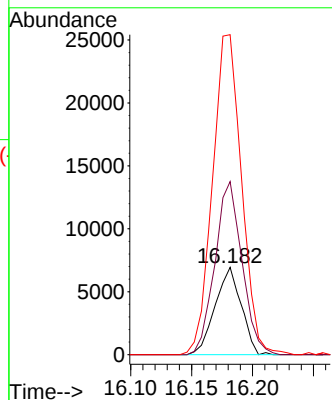
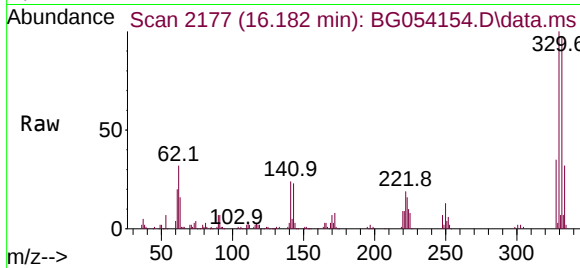




#67
4-Bromophenyl-phenylether
Concen: 4.837 ng
RT: 16.182 min Scan# 2117
Delta R.T. -0.444 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

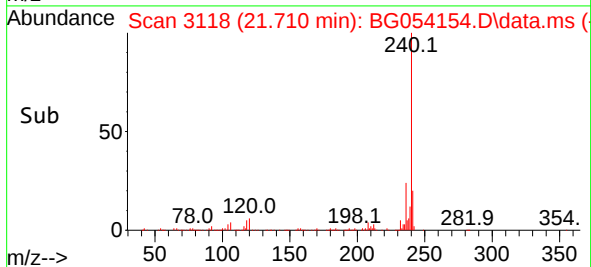
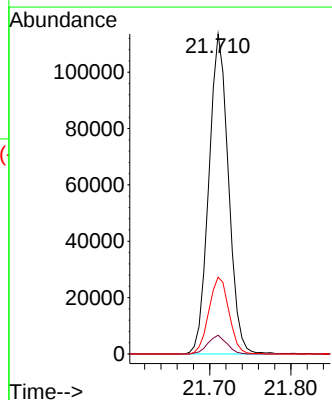
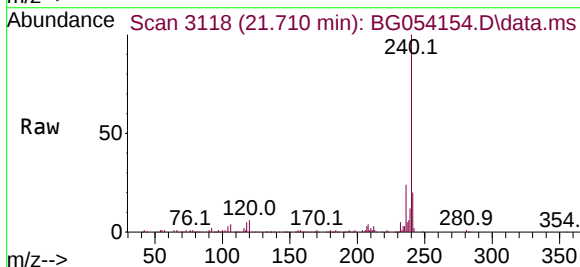
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BNA_G
ClientSampleId :
MW-4-20220627

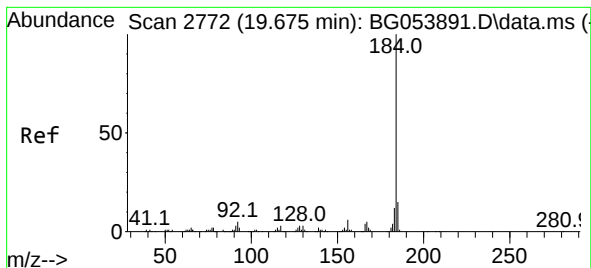
Tgt Ion:248 Resp: 10337
Ion Ratio Lower Upper
248 100
250 199.8 75.2 112.8#
141 285.6 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.710 min Scan# 3118
Delta R.T. -0.009 min
Lab File: BG054154.D
Acq: 29 Jun 2022 20:55

Tgt Ion:240 Resp: 190113
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 24.0 20.2 30.4





#77

Benzidine

Concen: 2.883 ng

RT: 20.048 min Scan# 2835

Delta R.T. 0.385 min

Lab File: BG054154.D

Acq: 29 Jun 2022 20:55

Instrument :

BNA_G

ClientSampleId :

MW-4-20220627

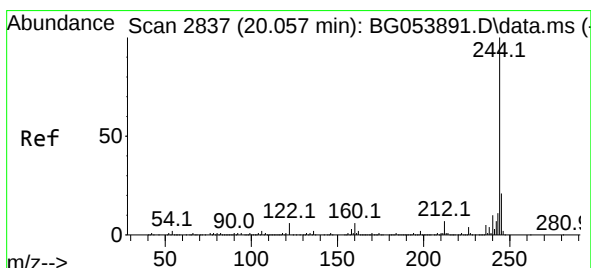
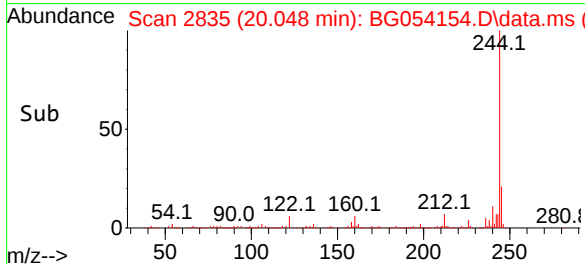
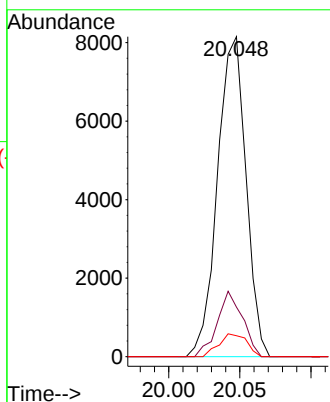
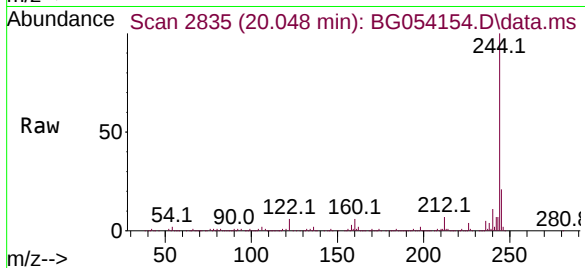
Tgt Ion:184 Resp: 11350

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.6

183 6.5 8.9 13.3#



#79

Terphenyl-d14

Concen: 93.629 ng

RT: 20.048 min Scan# 2835

Delta R.T. 0.003 min

Lab File: BG054154.D

Acq: 29 Jun 2022 20:55

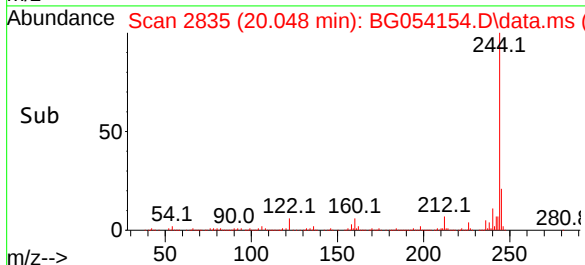
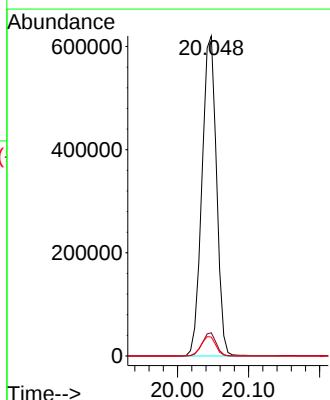
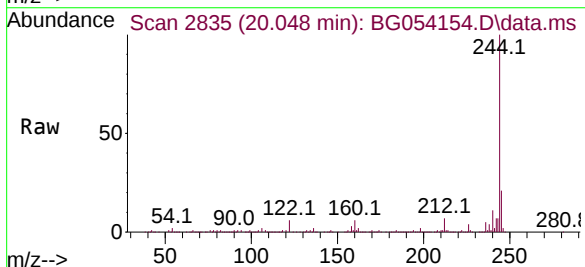
Tgt Ion:244 Resp: 883778

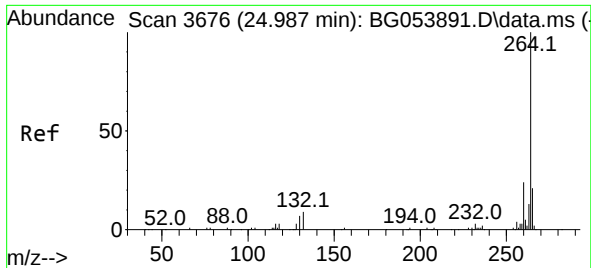
Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

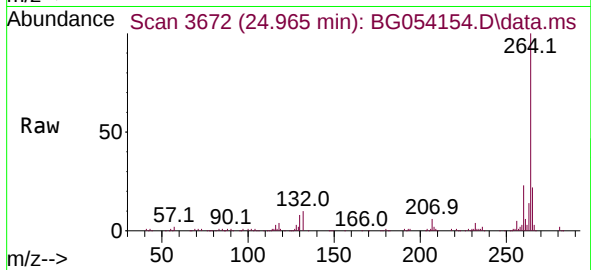
122 5.9 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.965 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: BG054154.D
 Acq: 29 Jun 2022 20:55

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220627



Tgt Ion:264 Resp: 192635
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 22.0 17.4 26.2

