

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054143.D
 Acq On : 29 Jun 2022 13:38
 Operator : CG/JU
 Sample : N3517-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5-20220627

Quant Time: Jun 29 14:29:52 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)

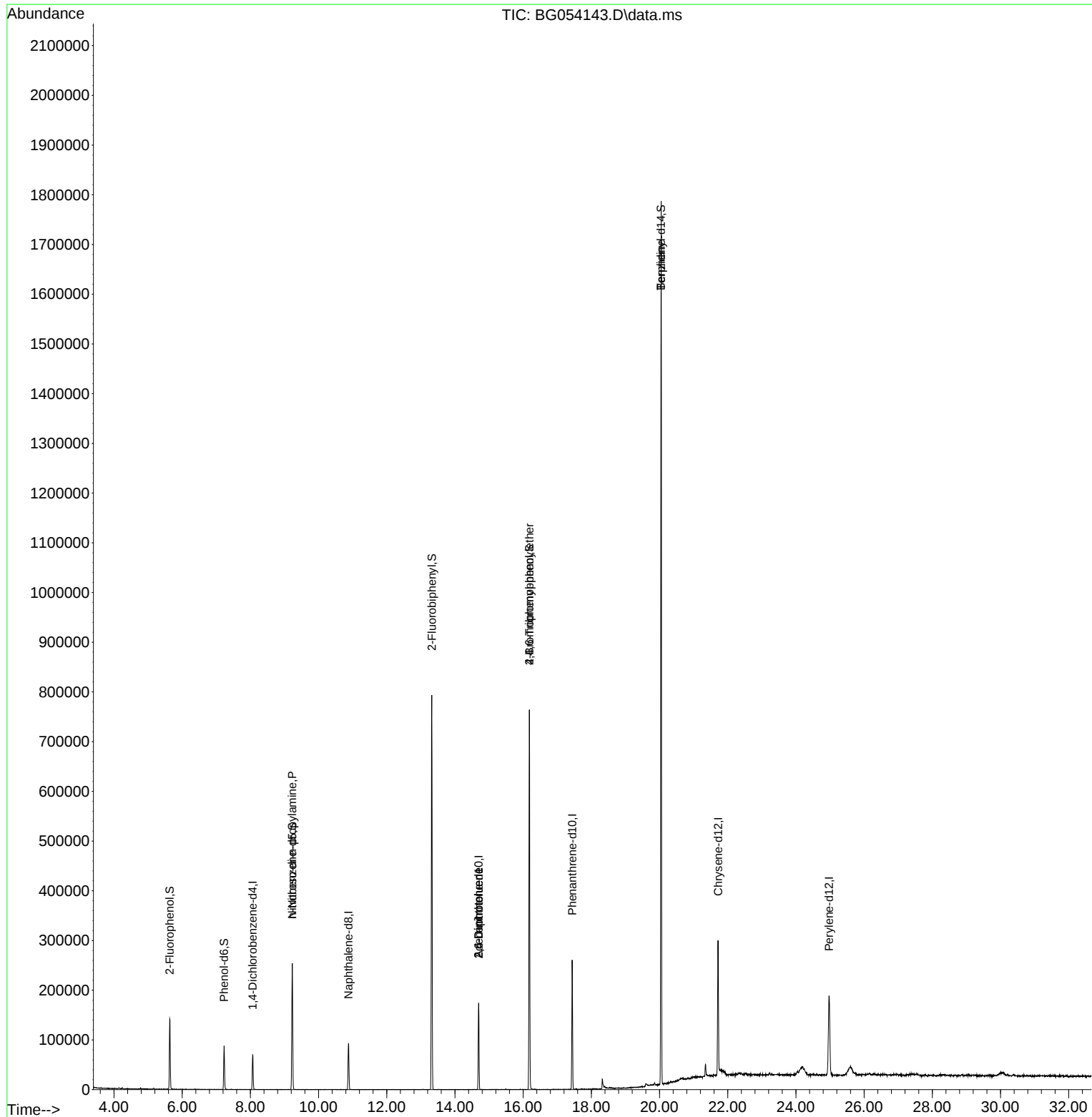
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	22298	20.000	ng	0.00
21) Naphthalene-d8	10.876	136	87809	20.000	ng	0.00
39) Acenaphthene-d10	14.695	164	67611	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	181018	20.000	ng	0.00
76) Chrysene-d12	21.716	240	184879	20.000	ng	0.00
86) Perylene-d12	24.971	264	190117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	67896	58.216	ng	0.00
7) Phenol-d6	7.227	99	53268	33.669	ng	0.00
23) Nitrobenzene-d5	9.231	82	163595	104.698	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	178527	164.346	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	466837	100.404	ng	0.00
79) Terphenyl-d14	20.048	244	959410	104.519	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.231	70	22402	21.076	ng	# 81
51) 2,6-Dinitrotoluene	14.695	165	9237	8.879	ng	# 16
57) 2,4-Dinitrotoluene	14.695	165	9237	6.287	ng	# 21
67) 4-Bromophenyl-phenylether	16.182	248	11288	4.993	ng	# 1
77) Benzidine	20.048	184	13021	3.401	ng	# 91

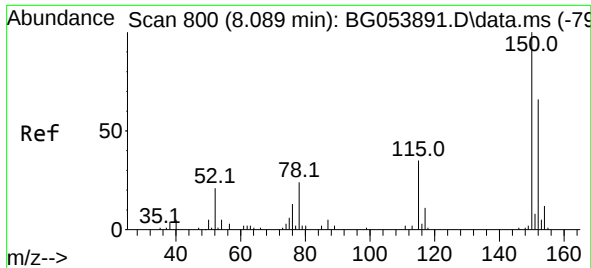
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
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QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

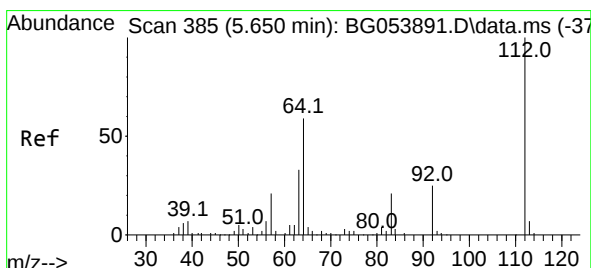
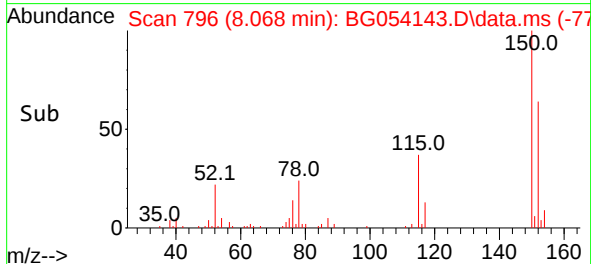
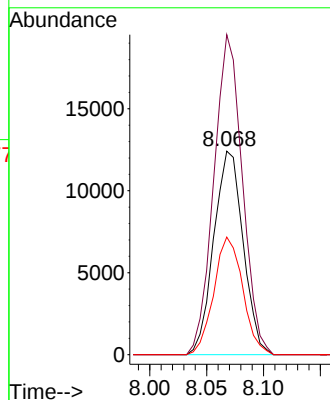
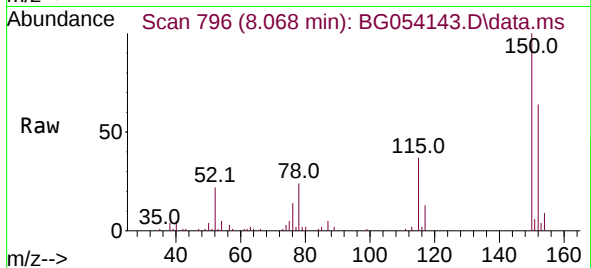




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.068 min Scan# 79
Delta R.T. -0.002 min
Lab File: BG054143.D
Acq: 29 Jun 2022 13:38

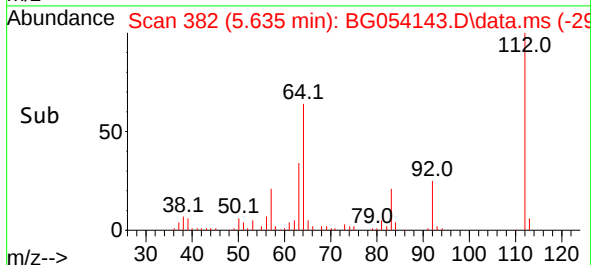
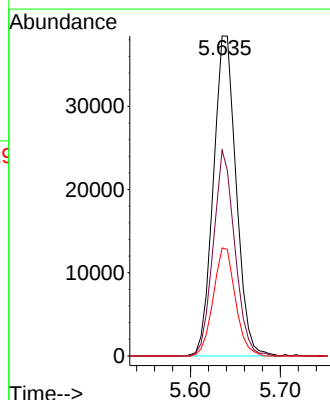
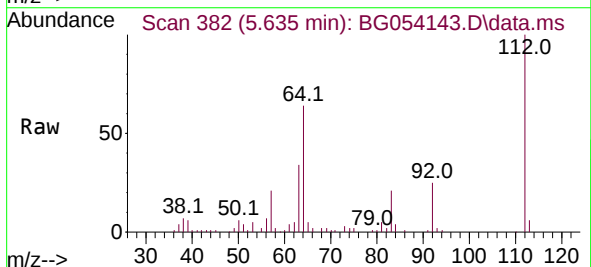
Instrument :
BNA_G
ClientSampleId :
MW-5-20220627

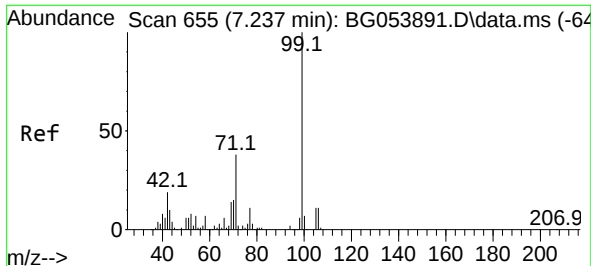
Tgt Ion:152 Resp: 22298
Ion Ratio Lower Upper
152 100
150 157.2 131.6 197.4
115 57.8 50.9 76.3



#5
2-Fluorophenol
Concen: 58.216 ng
RT: 5.635 min Scan# 382
Delta R.T. -0.003 min
Lab File: BG054143.D
Acq: 29 Jun 2022 13:38

Tgt Ion:112 Resp: 67896
Ion Ratio Lower Upper
112 100
64 64.3 55.1 82.7
63 33.7 30.4 45.6

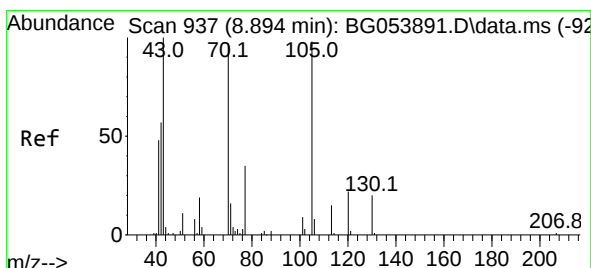
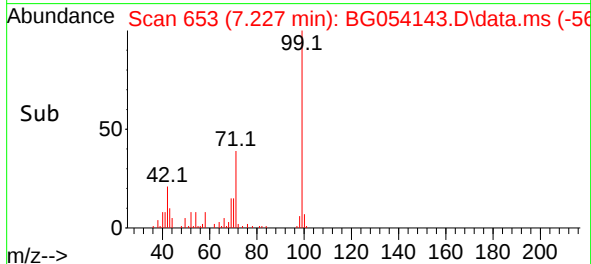
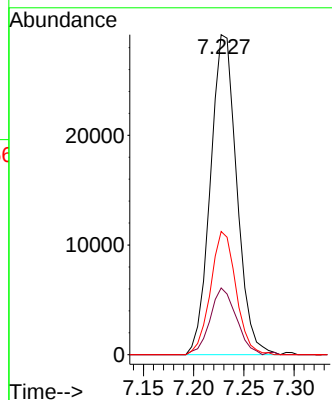
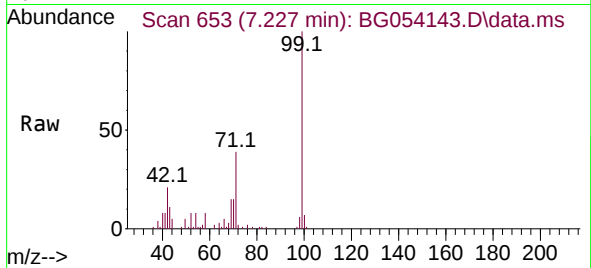




#7
Phenol-d6
Concen: 33.669 ng
RT: 7.227 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG054143.D
Acq: 29 Jun 2022 13:38

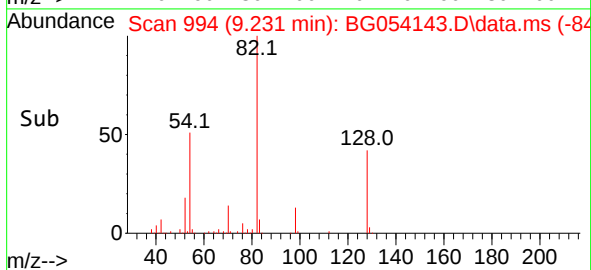
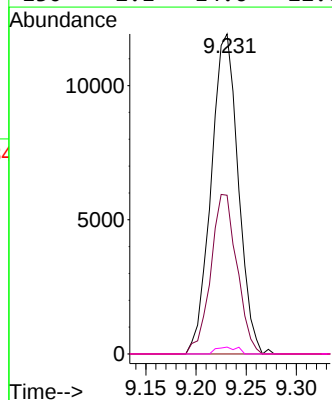
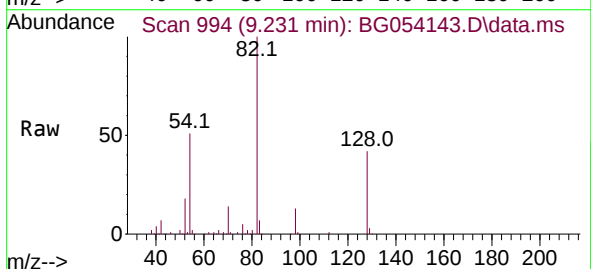
Instrument :
BNA_G
ClientSampleId :
MW-5-20220627

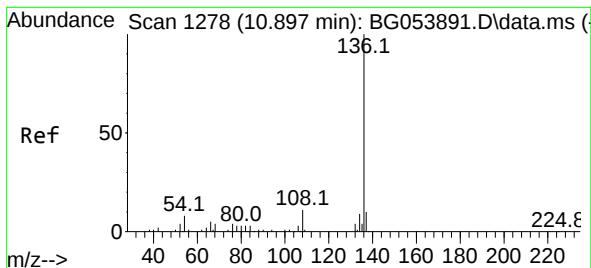
Tgt Ion: 99 Resp: 53268
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 38.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 21.076 ng
RT: 9.231 min Scan# 994
Delta R.T. 0.356 min
Lab File: BG054143.D
Acq: 29 Jun 2022 13:38

Tgt Ion: 70 Resp: 22402
Ion Ratio Lower Upper
70 100
42 49.6 47.3 70.9
101 0.0 7.0 10.4#
130 2.1 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: BG054143.D

Acq: 29 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

MW-5-20220627

Tgt Ion:136 Resp: 87809

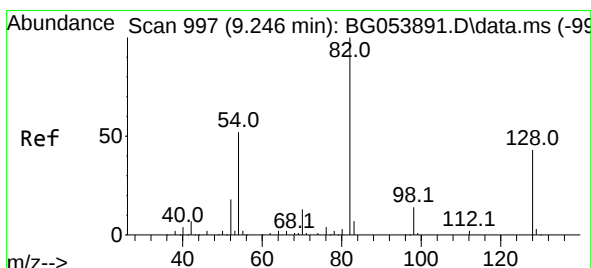
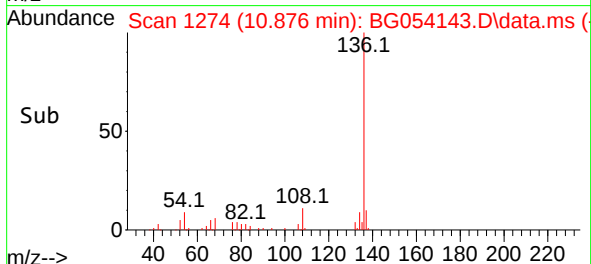
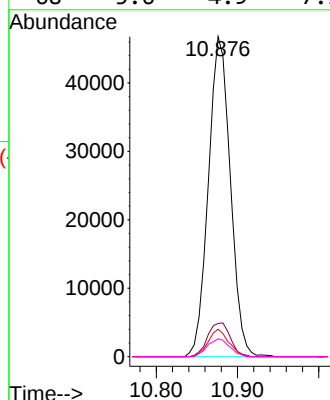
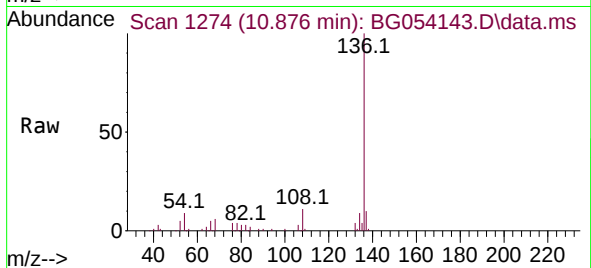
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 8.6 7.4 11.2

68 5.6 4.9 7.3



#23

Nitrobenzene-d5

Concen: 104.698 ng

RT: 9.231 min Scan# 994

Delta R.T. -0.003 min

Lab File: BG054143.D

Acq: 29 Jun 2022 13:38

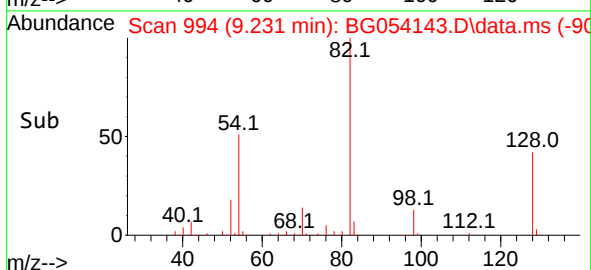
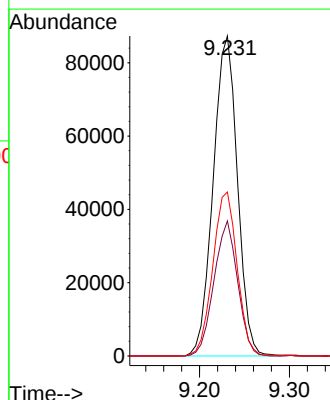
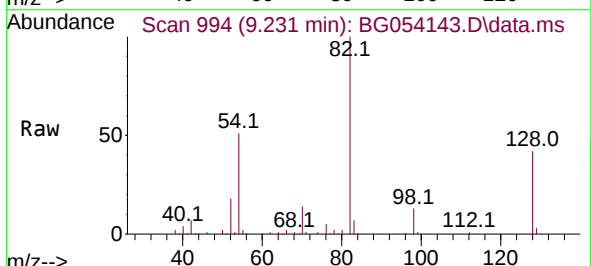
Tgt Ion: 82 Resp: 163595

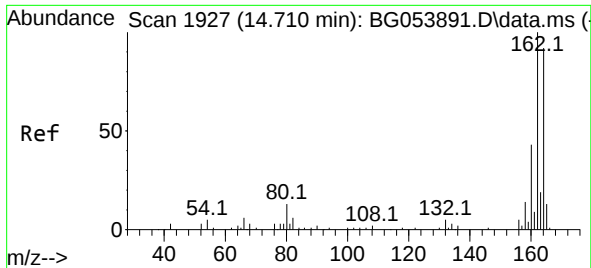
Ion Ratio Lower Upper

82 100

128 42.2 27.9 41.9#

54 51.2 41.2 61.8

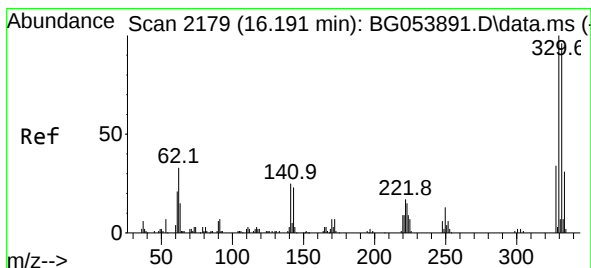
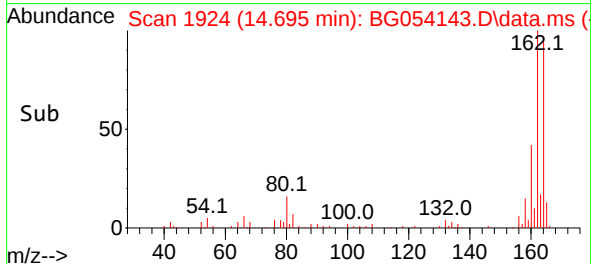
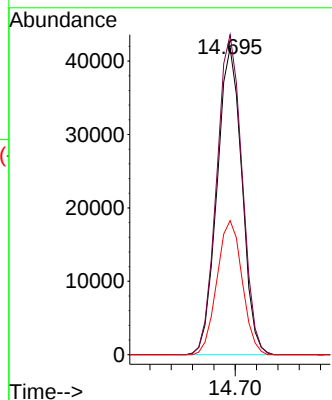
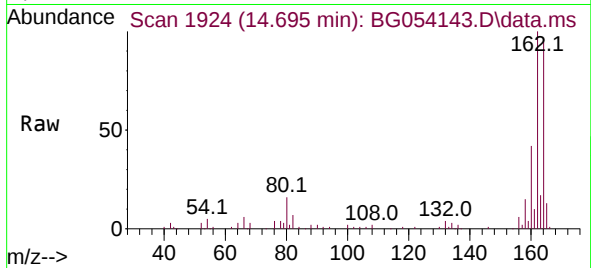




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1924
Delta R.T. -0.003 min
Lab File: BG054143.D
Acq: 29 Jun 2022 13:38

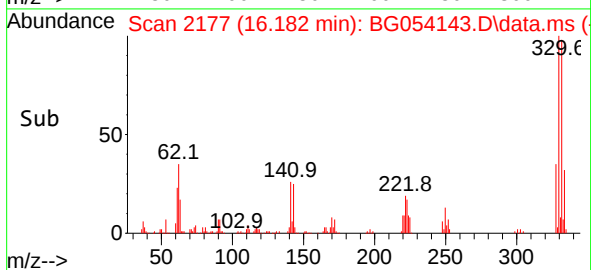
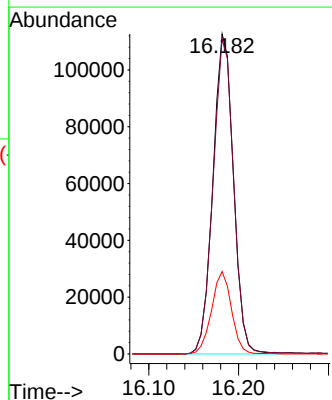
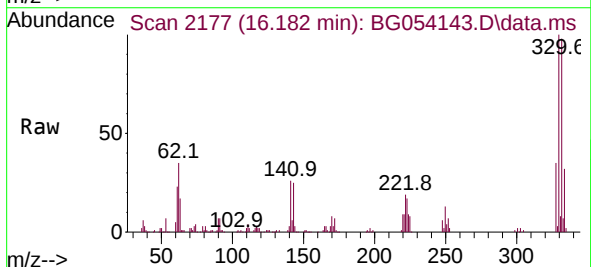
Instrument :
BNA_G
ClientSampleId :
MW-5-20220627

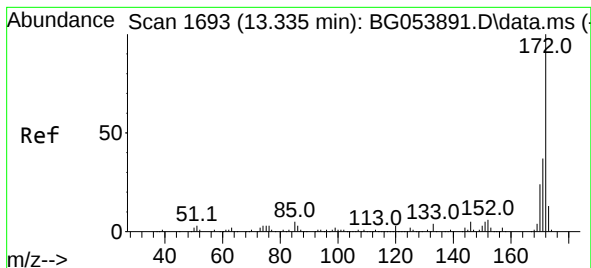
Tgt Ion:164 Resp: 67611
Ion Ratio Lower Upper
164 100
162 104.3 82.3 123.5
160 43.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 164.346 ng
RT: 16.182 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG054143.D
Acq: 29 Jun 2022 13:38

Tgt Ion:330 Resp: 178527
Ion Ratio Lower Upper
330 100
332 98.9 76.0 114.0
141 24.9 27.1 40.7#





#45

2-Fluorobiphenyl

Concen: 100.404 ng

RT: 13.320 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG054143.D

Acq: 29 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

MW-5-20220627

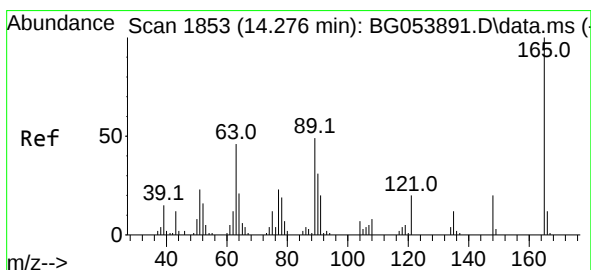
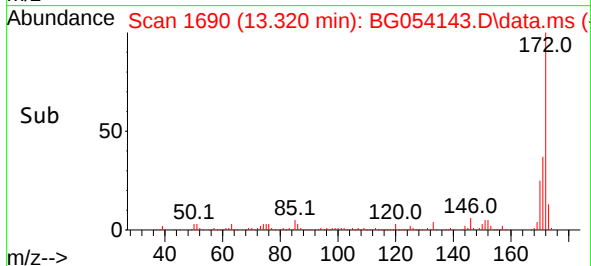
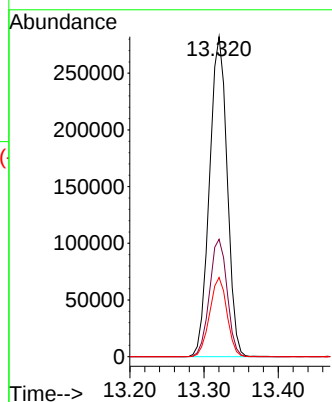
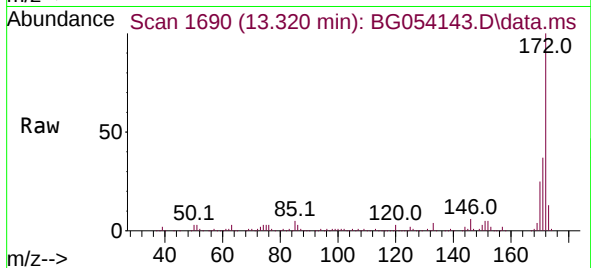
Tgt Ion:172 Resp: 466837

Ion Ratio Lower Upper

172 100

171 36.7 28.5 42.7

170 24.8 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.879 ng

RT: 14.695 min Scan# 1924

Delta R.T. 0.432 min

Lab File: BG054143.D

Acq: 29 Jun 2022 13:38

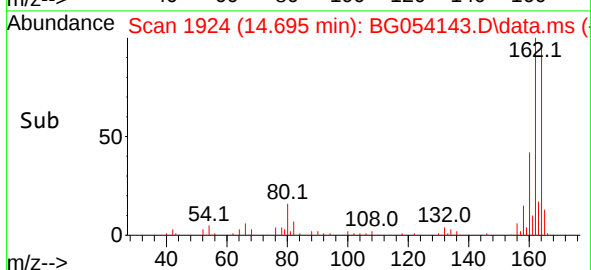
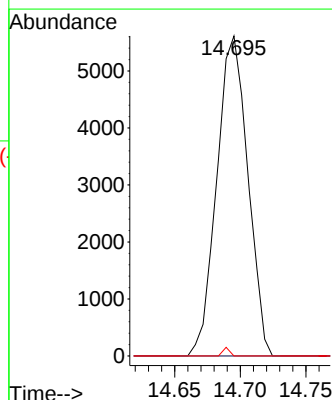
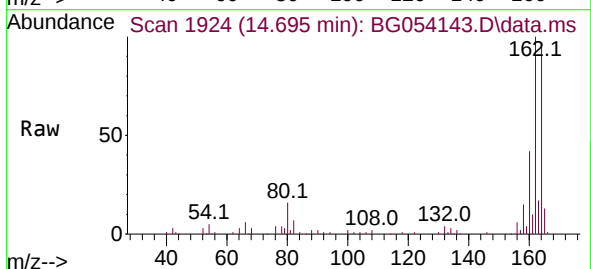
Tgt Ion:165 Resp: 9237

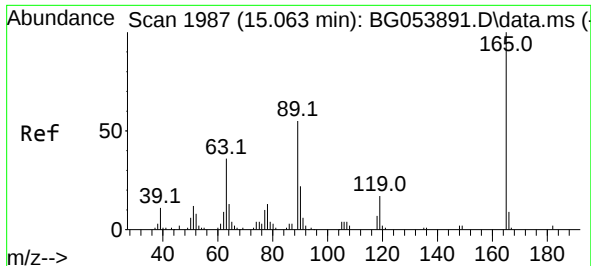
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.287 ng

RT: 14.695 min Scan# 1987

Delta R.T. -0.355 min

Lab File: BG054143.D

Acq: 29 Jun 2022 13:38

Instrument :

BNA_G

ClientSampleId :

MW-5-20220627

Tgt Ion:165 Resp: 9237

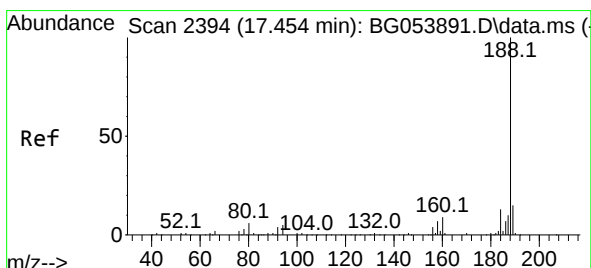
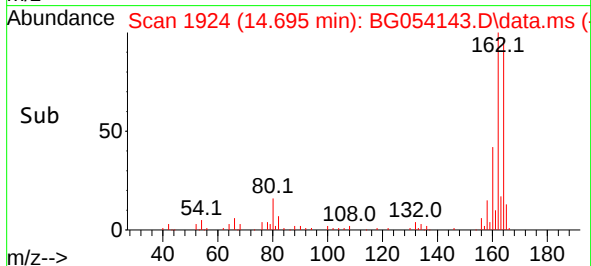
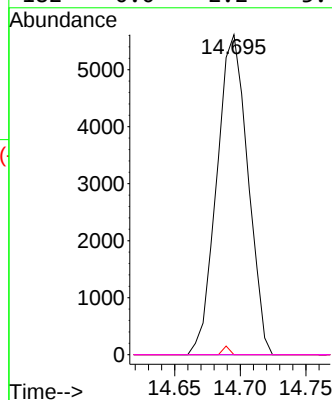
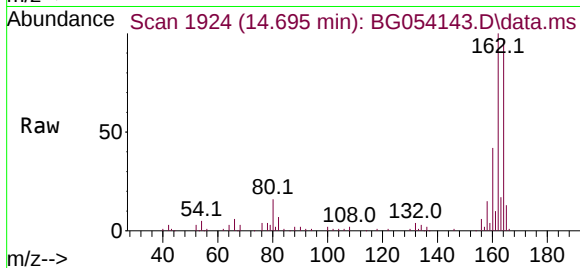
Ion Ratio Lower Upper

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: BG054143.D

Acq: 29 Jun 2022 13:38

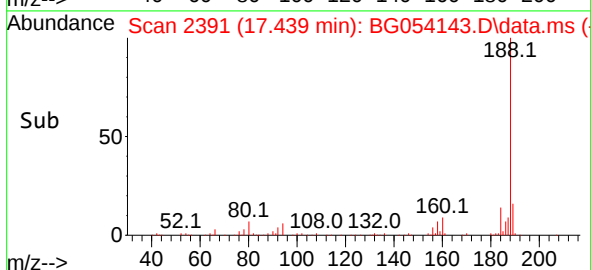
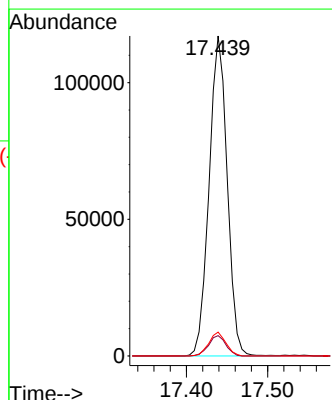
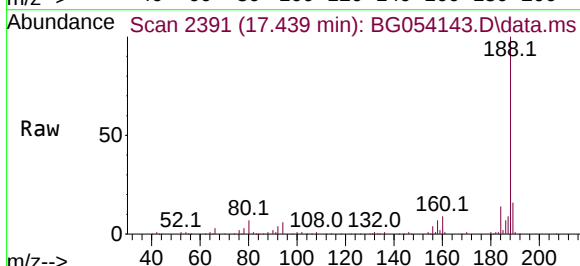
Tgt Ion:188 Resp: 181018

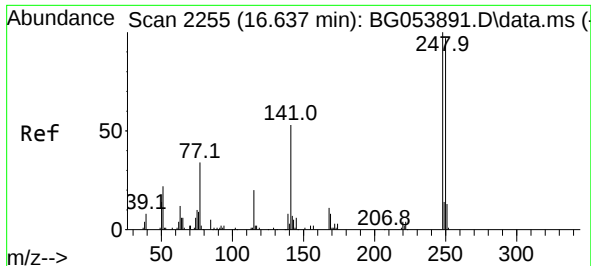
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 7.5 6.8 10.2

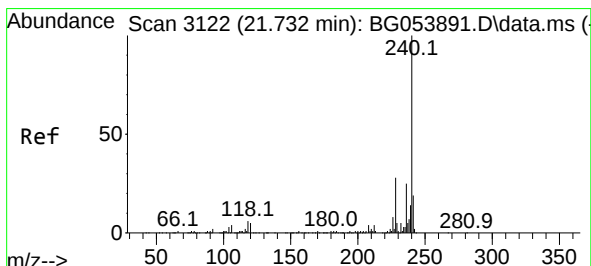
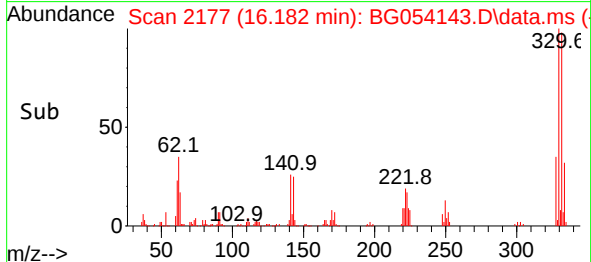
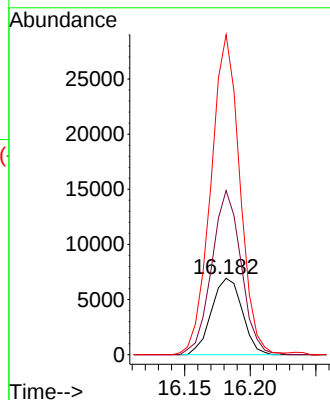
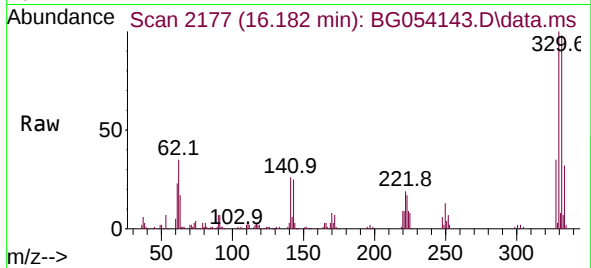




#67
4-Bromophenyl-phenylether
Concen: 4.993 ng
RT: 16.182 min Scan# 2117
Delta R.T. -0.443 min
Lab File: BG054143.D
Acq: 29 Jun 2022 13:38

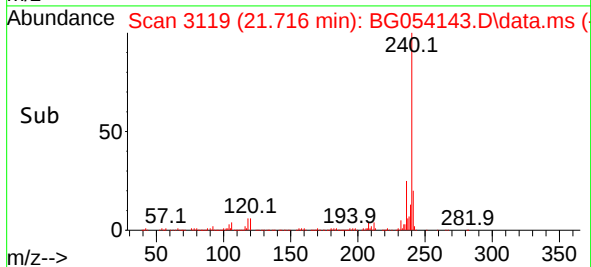
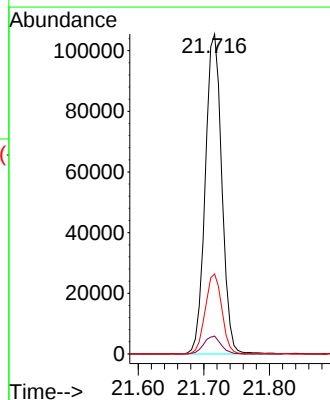
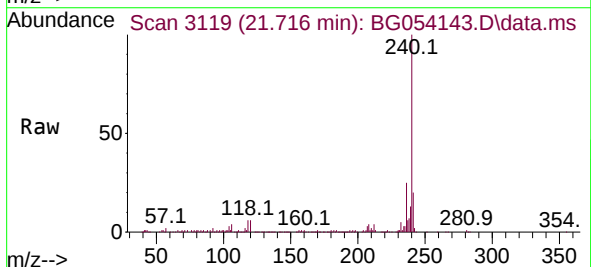
Instrument :
BNA_G
ClientSampleId :
MW-5-20220627

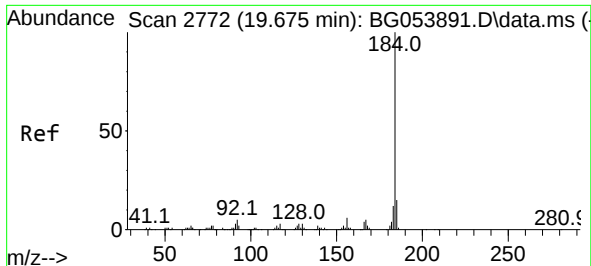
Tgt Ion:248 Resp: 11288
Ion Ratio Lower Upper
248 100
250 276.7 75.2 112.8#
141 419.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG054143.D
Acq: 29 Jun 2022 13:38

Tgt Ion:240 Resp: 184879
Ion Ratio Lower Upper
240 100
120 5.6 4.6 7.0
236 25.0 20.2 30.4

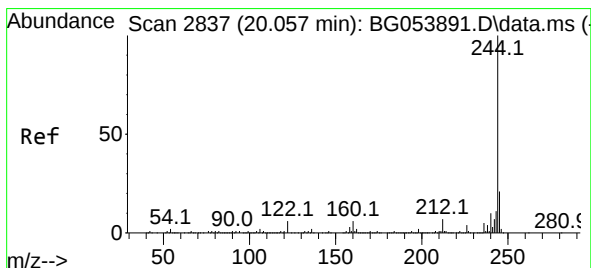
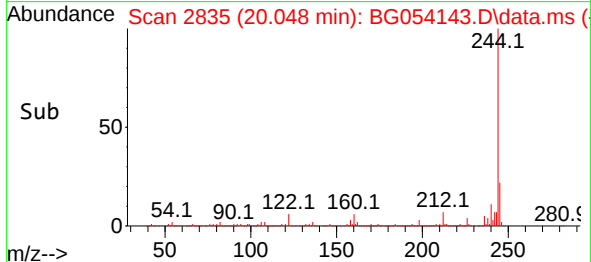
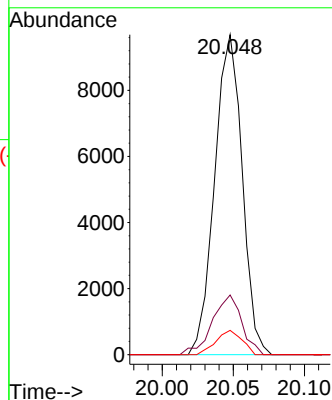
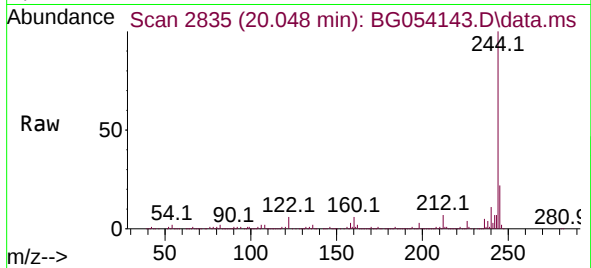




#77
Benzidine
Concen: 3.401 ng
RT: 20.048 min Scan# 2835
Delta R.T. 0.385 min
Lab File: BG054143.D
Acq: 29 Jun 2022 13:38

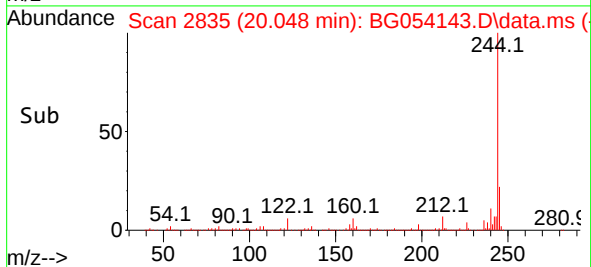
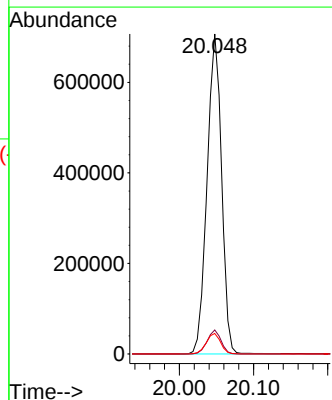
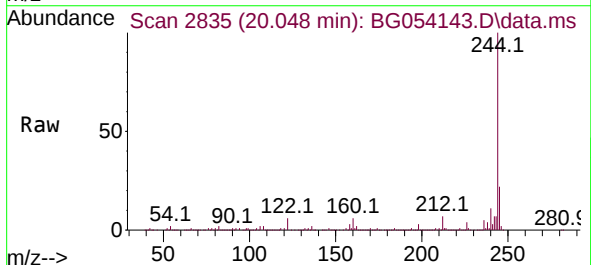
Instrument :
BNA_G
ClientSampleId :
MW-5-20220627

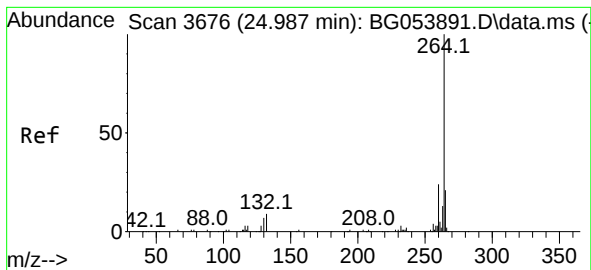
Tgt Ion:184 Resp: 13021
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.6#
183 7.6 8.9 13.3#



#79
Terphenyl-d14
Concen: 104.519 ng
RT: 20.048 min Scan# 2835
Delta R.T. 0.003 min
Lab File: BG054143.D
Acq: 29 Jun 2022 13:38

Tgt Ion:244 Resp: 959410
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.4 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.971 min Scan# 30
 Delta R.T. 0.009 min
 Lab File: BG054143.D
 Acq: 29 Jun 2022 13:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-5-20220627

Tgt Ion:264 Resp: 190117
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.1 17.4 26.2

