

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
 Data File : BG053363.D
 Acq On : 28 Apr 2022 12:55
 Operator : CG/JU
 Sample : N2482-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-22R

Quant Time: Apr 29 03:21:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

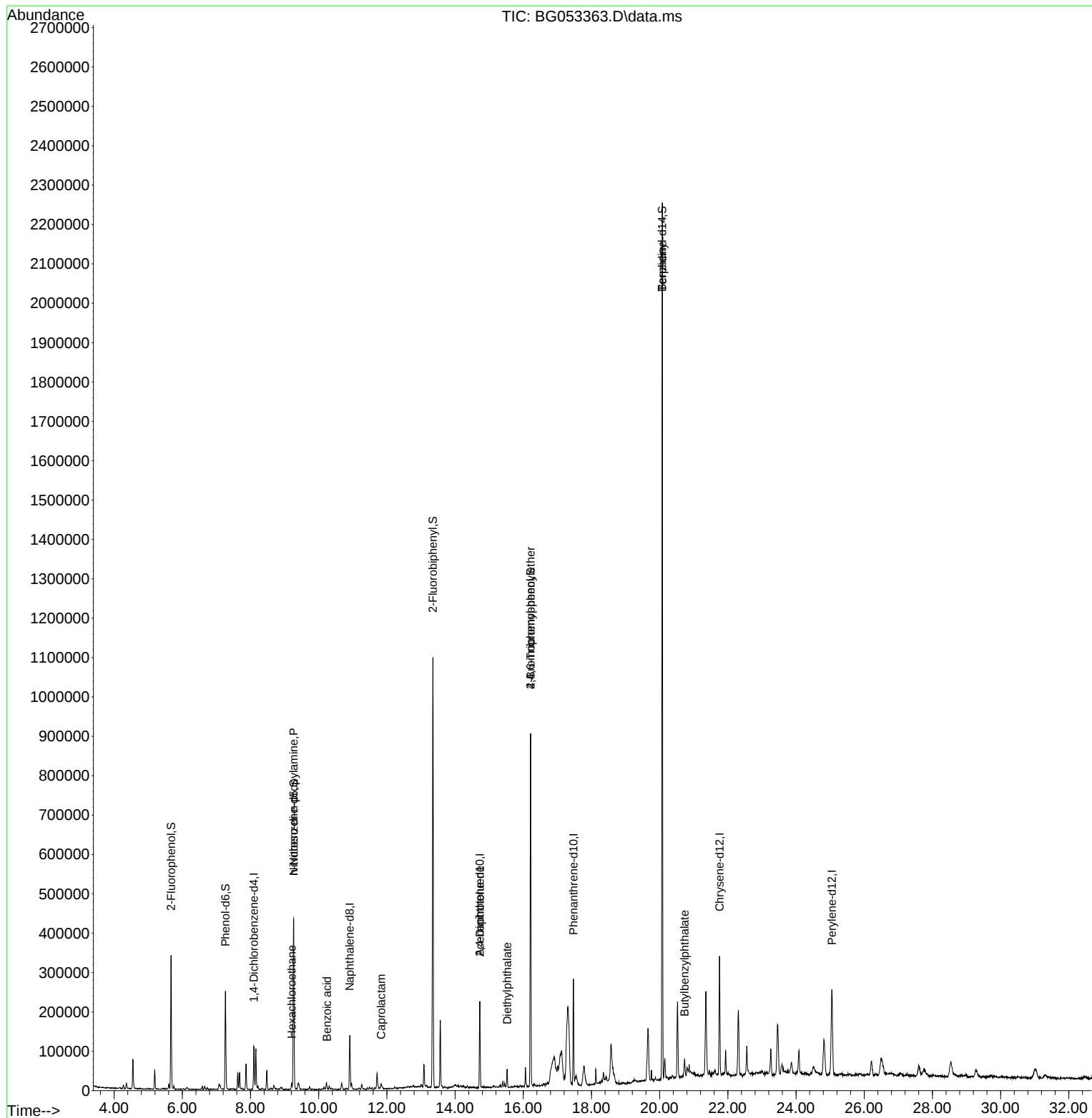
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	29415	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	111345	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	77229	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	166954	20.000	ng	# 0.00
76) Chrysene-d12	21.757	240	193999	20.000	ng	0.00
86) Perylene-d12	25.052	264	199376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	143750	83.771	ng	0.00
7) Phenol-d6	7.265	99	142154	53.720	ng	0.00
23) Nitrobenzene-d5	9.268	82	284548	103.764	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	182954	148.903	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	560457	100.068	ng	0.00
79) Terphenyl-d14	20.077	244	1095144	95.340	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.209	117	1675	2.035	ng	# 1
19) n-Nitroso-di-n-propyla...	9.268	70	39859	20.574	ng	# 78
32) Benzoic acid	10.243	122	95	3.714	ng	# 24
35) Caprolactam	11.835	113	1831	2.587	ng	# 72
57) 2,4-Dinitrotoluene	14.725	165	9661	5.266	ng	# 26
60) Diethylphthalate	15.530	149	24309	3.756	ng	# 98
67) 4-Bromophenyl-phenylether	16.217	248	12222	5.713	ng	# 1
77) Benzidine	20.077	184	18923	3.419	ng	# 88
80) Butylbenzylphthalate	20.735	149	19225	3.732	ng	# 24

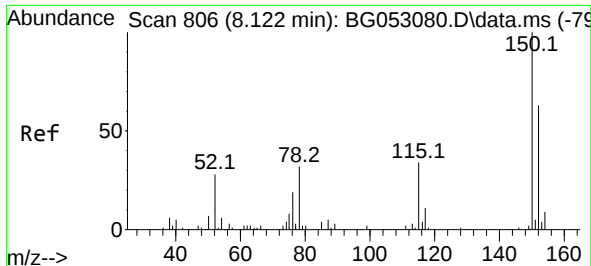
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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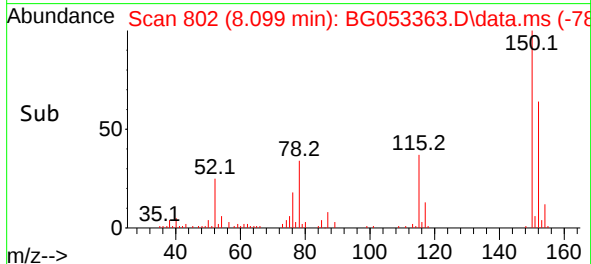
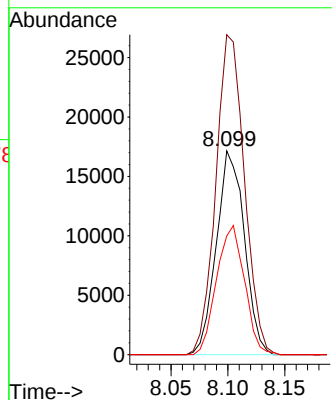
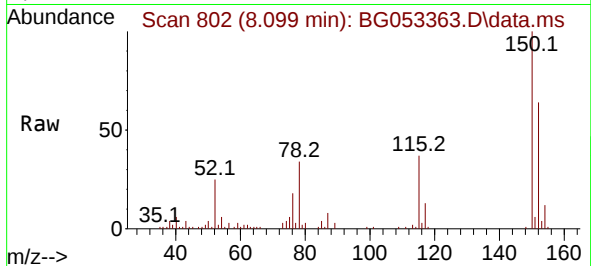




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 806
Delta R.T. -0.014 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

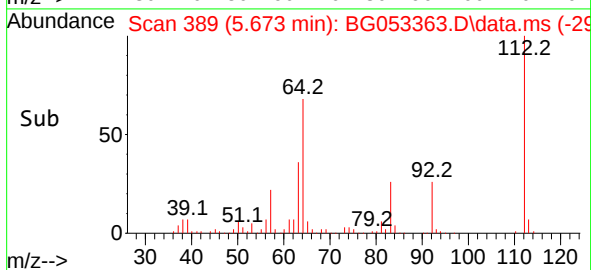
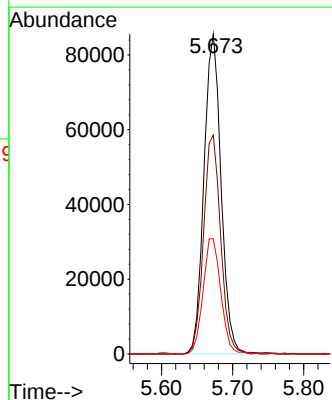
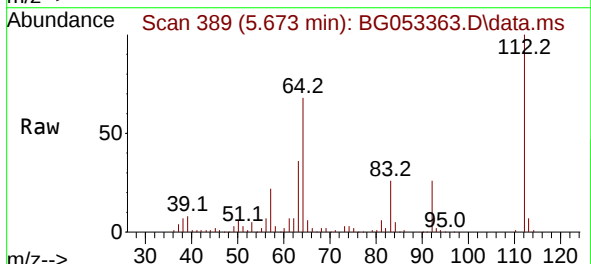
Instrument :
BNA_G
ClientSampleId :
MW-22R

Tgt Ion:152 Resp: 29415
Ion Ratio Lower Upper
152 100
150 157.0 114.6 172.0
115 58.2 45.9 68.9



#5
2-Fluorophenol
Concen: 83.771 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

Tgt Ion:112 Resp: 143750
Ion Ratio Lower Upper
112 100
64 68.4 48.0 72.0
63 36.0 26.5 39.7

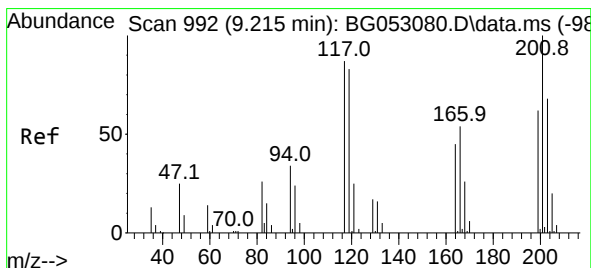
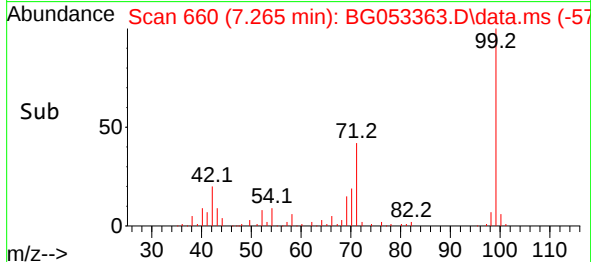
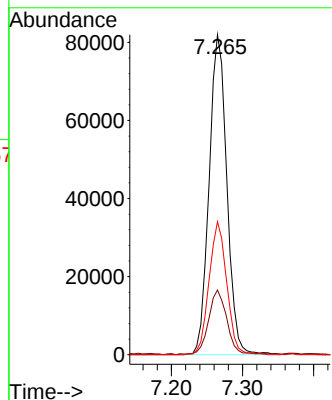
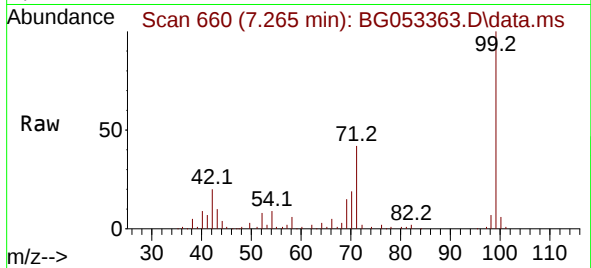




#7
Phenol-d6
Concen: 53.720 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

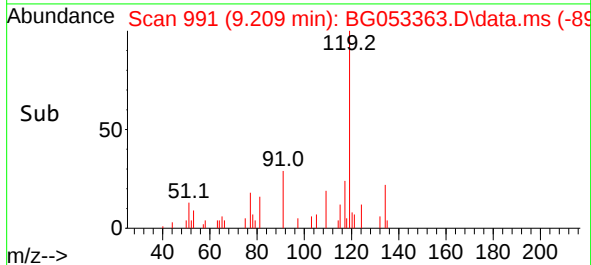
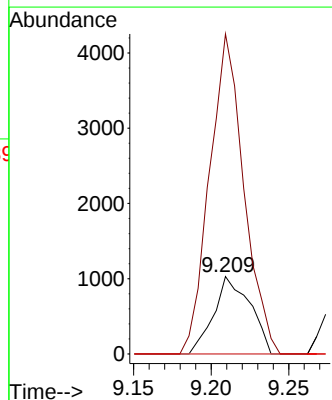
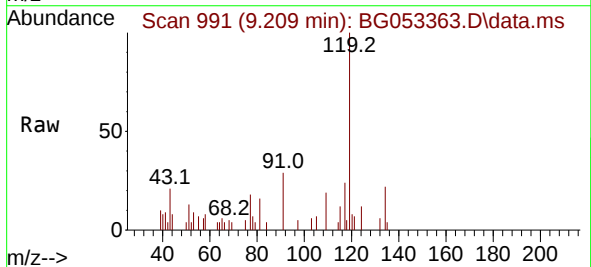
Instrument :
BNA_G
ClientSampleId :
MW-22R

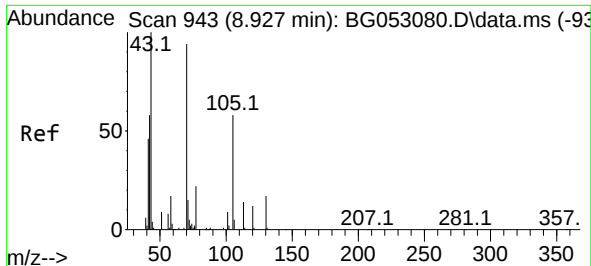
Tgt Ion: 99 Resp: 142154
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 41.6 29.2 43.8



#18
Hexachloroethane
Concen: 2.035 ng
RT: 9.209 min Scan# 991
Delta R.T. 0.009 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

Tgt Ion: 117 Resp: 1675
Ion Ratio Lower Upper
117 100
119 413.3 75.1 112.7#
201 0.0 96.6 145.0#

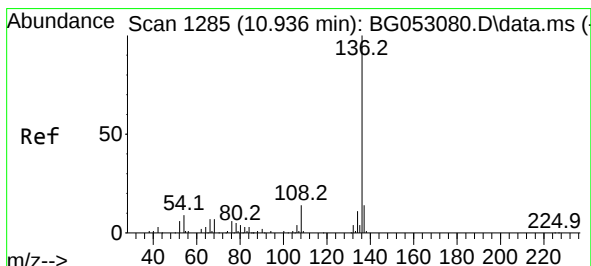
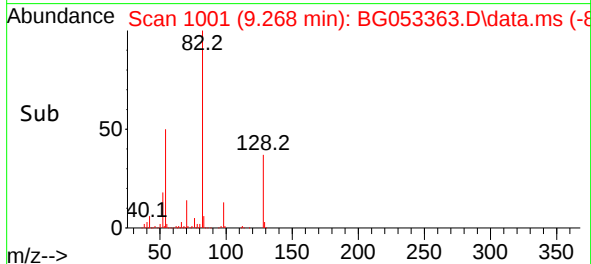
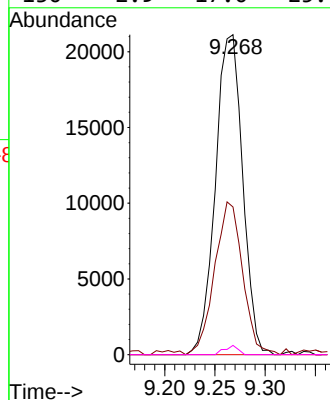
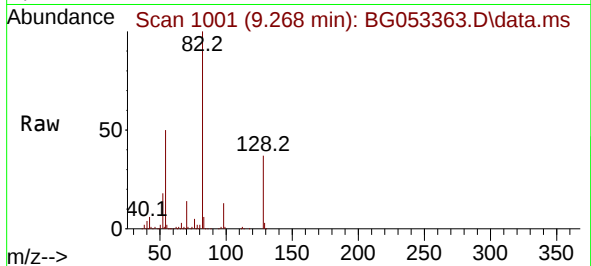




#19
n-Nitroso-di-n-propylamine
Concen: 20.574 ng
RT: 9.268 min Scan# 1001
Delta R.T. 0.356 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

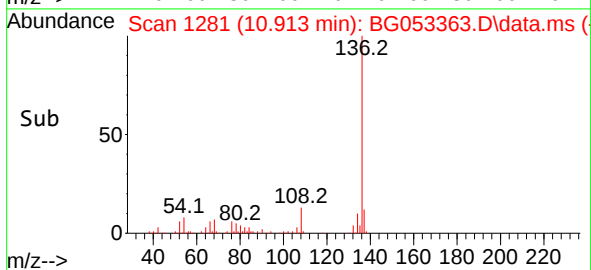
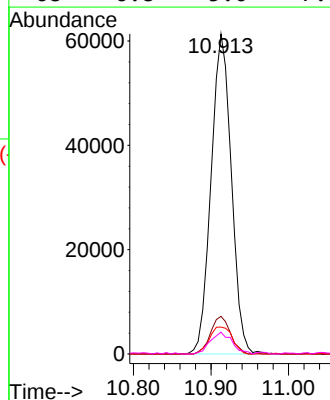
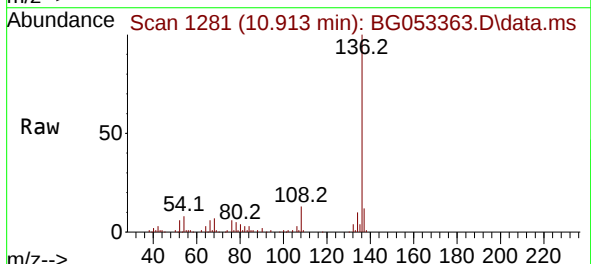
Instrument :
BNA_G
ClientSampleId :
MW-22R

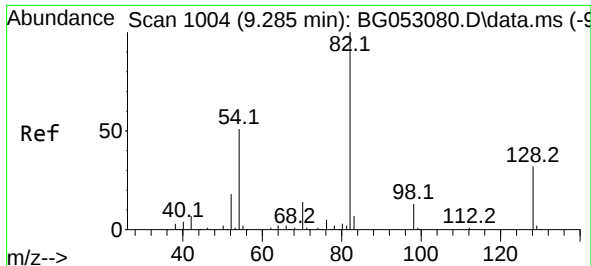
Tgt Ion:	70	Resp:	39859
Ion	Ratio	Lower	Upper
70	100		
42	46.1	46.0	69.0
101	0.0	6.2	9.4#
130	2.9	17.0	25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1281
Delta R.T. -0.009 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

Tgt Ion:	136	Resp:	111345
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	8.4	6.4	9.6
68	6.8	5.0	7.6





#23

Nitrobenzene-d5

Concen: 103.764 ng

RT: 9.268 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG053363.D

Acq: 28 Apr 2022 12:55

Instrument :

BNA_G

ClientSampleId :

MW-22R

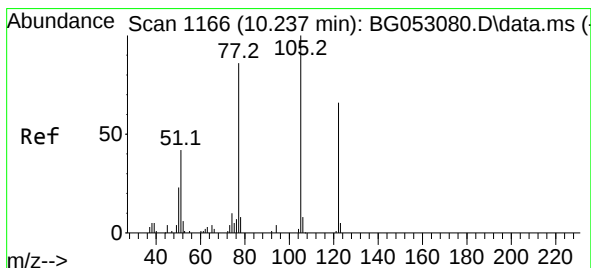
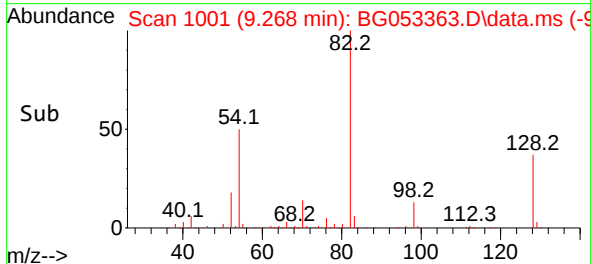
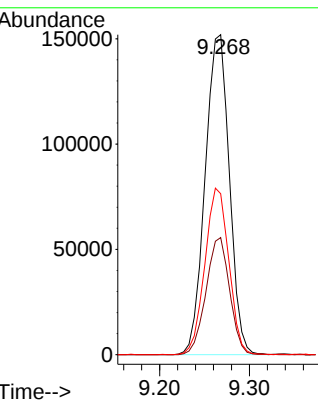
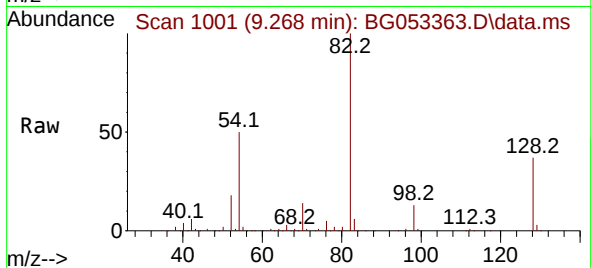
Tgt Ion: 82 Resp: 284548

Ion Ratio Lower Upper

82 100

128 36.6 31.3 46.9

54 50.3 37.8 56.8



#32

Benzoic acid

Concen: 3.714 ng

RT: 10.243 min Scan# 1167

Delta R.T. 0.009 min

Lab File: BG053363.D

Acq: 28 Apr 2022 12:55

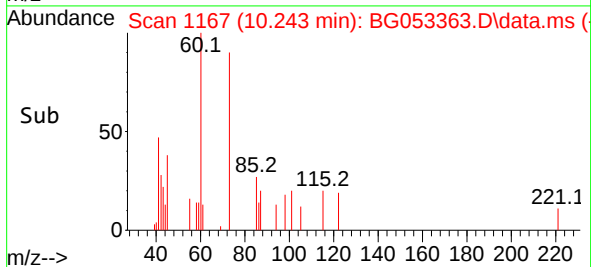
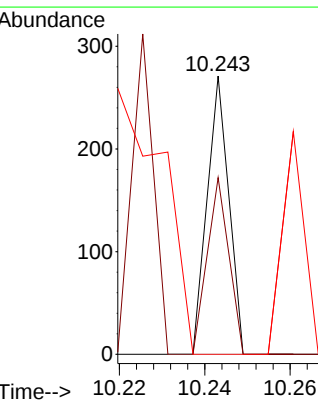
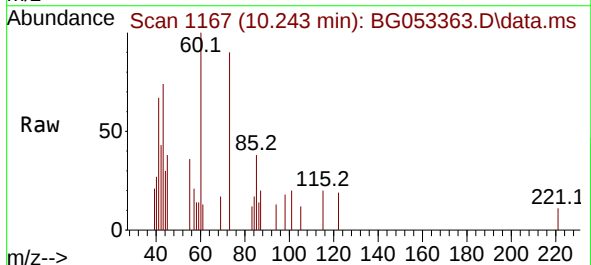
Tgt Ion:122 Resp: 95

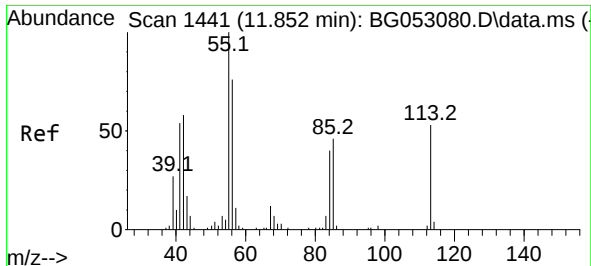
Ion Ratio Lower Upper

122 100

105 63.5 112.8 152.8#

77 0.0 78.4 118.4#

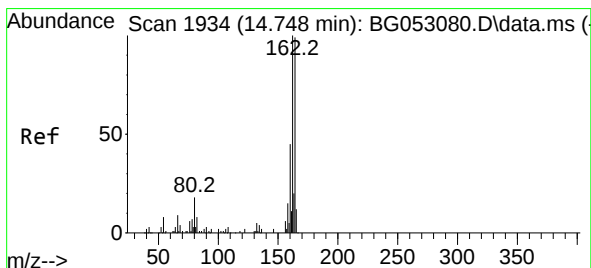
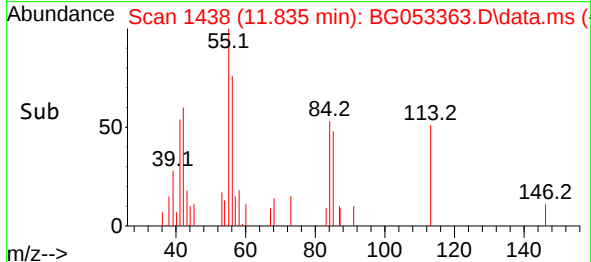
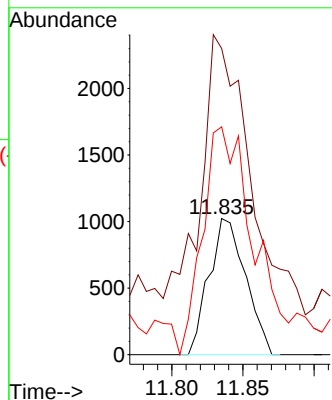
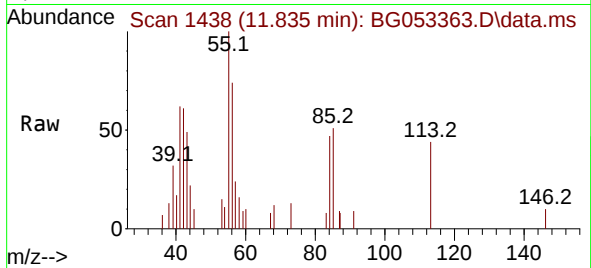




#35
 Caprolactam
 Concen: 2.587 ng
 RT: 11.835 min Scan# 1441
 Delta R.T. -0.015 min
 Lab File: BG053363.D
 Acq: 28 Apr 2022 12:55

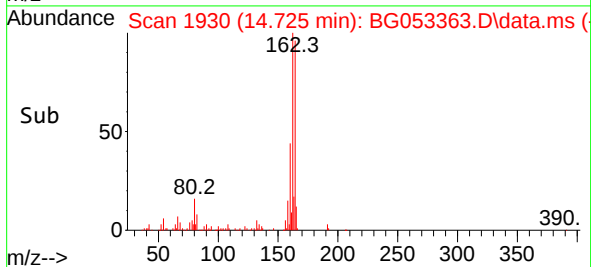
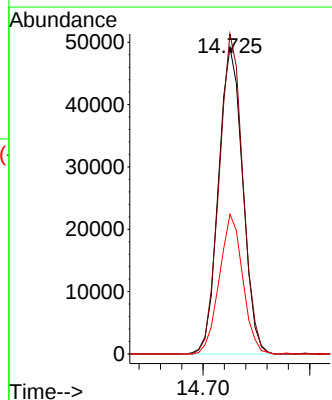
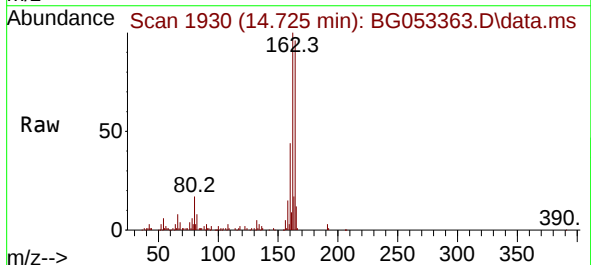
Instrument :
 BNA_G
 ClientSampleId :
 MW-22R

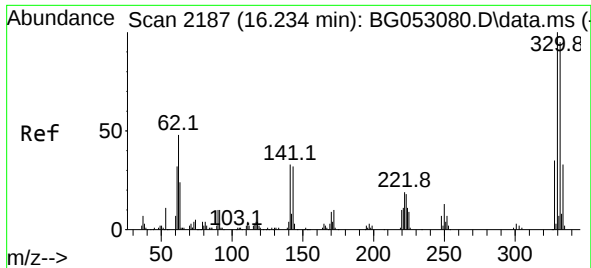
Tgt Ion:113 Resp: 1831
 Ion Ratio Lower Upper
 113 100
 55 224.9 151.3 191.3#
 56 167.4 128.5 168.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.725 min Scan# 1930
 Delta R.T. -0.009 min
 Lab File: BG053363.D
 Acq: 28 Apr 2022 12:55

Tgt Ion:164 Resp: 77229
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.0 120.0
 160 45.5 38.8 58.2

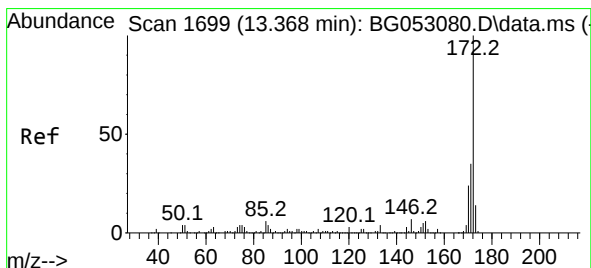
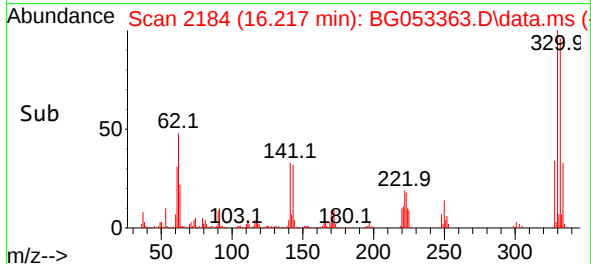
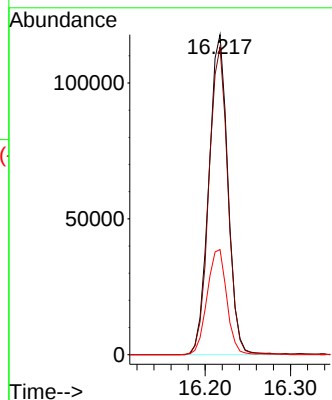
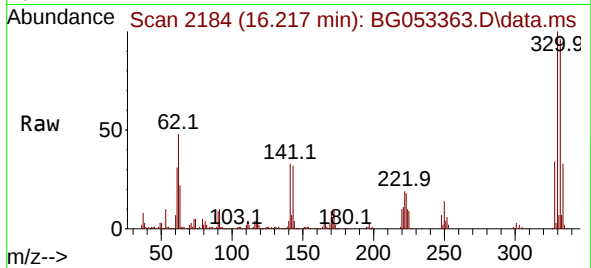




#42
2,4,6-Tribromophenol
Concen: 148.903 ng
RT: 16.217 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

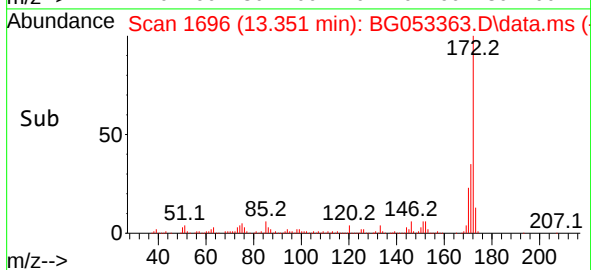
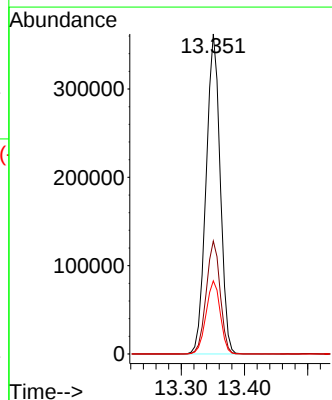
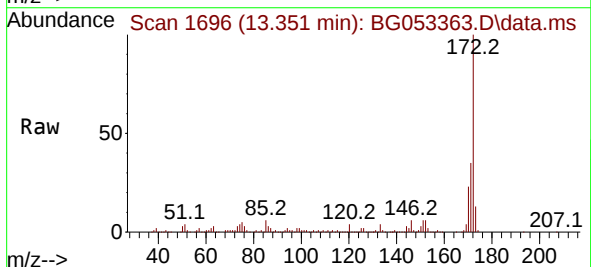
Instrument :
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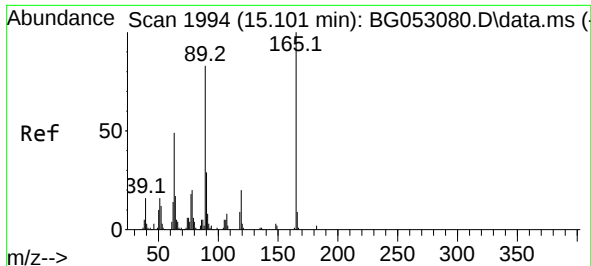
Tgt Ion:330 Resp: 182954
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.6
141 33.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 100.068 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.009 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

Tgt Ion:172 Resp: 560457
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.8 18.0 27.0

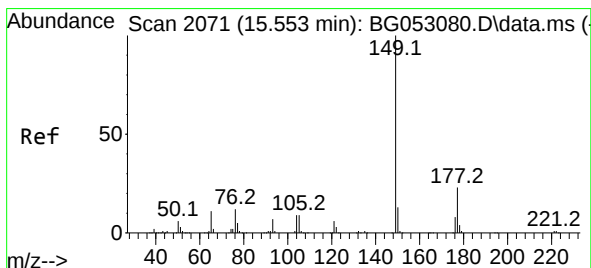
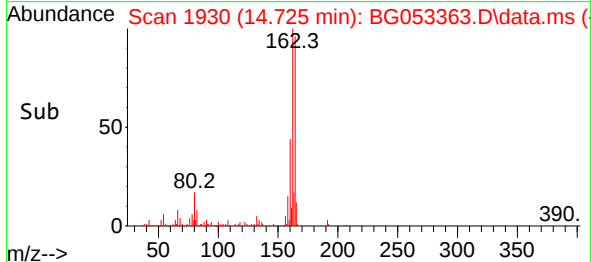
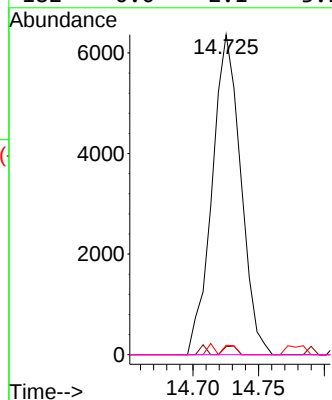
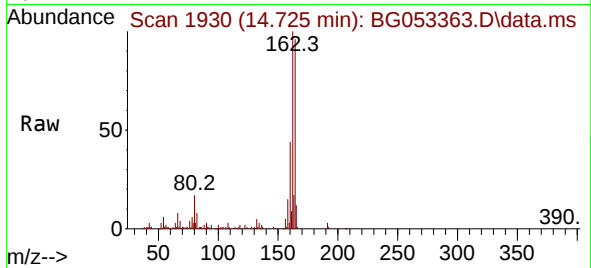




#57
2,4-Dinitrotoluene
Concen: 5.266 ng
RT: 14.725 min Scan# 1994
Delta R.T. -0.367 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

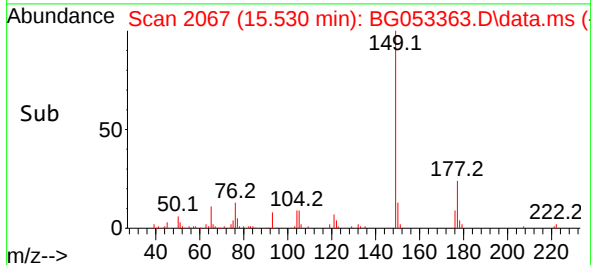
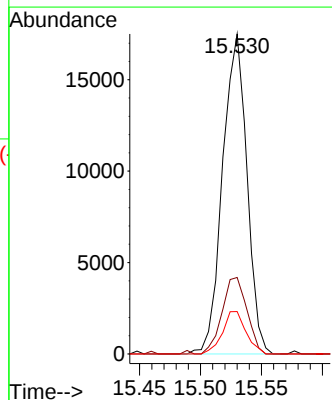
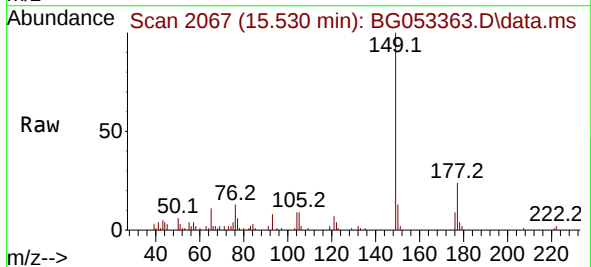
Instrument :
BNA_G
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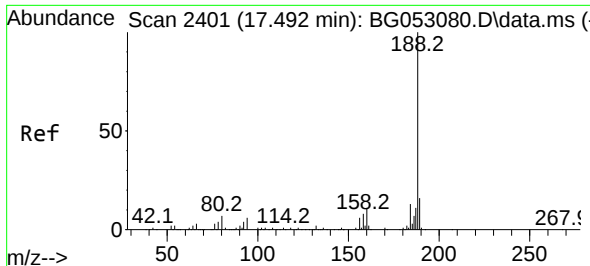
Tgt Ion:165 Resp: 9661
Ion Ratio Lower Upper
165 100
63 2.5 34.8 52.2#
89 2.9 57.4 86.0#
182 0.0 2.1 3.1#



#60
Diethylphthalate
Concen: 3.756 ng
RT: 15.530 min Scan# 2067
Delta R.T. -0.009 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

Tgt Ion:149 Resp: 24309
Ion Ratio Lower Upper
149 100
177 23.9 18.2 27.2
150 13.3 9.9 14.9

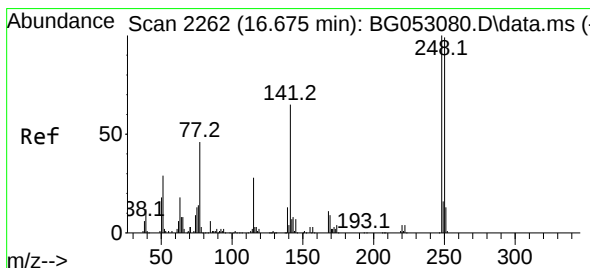
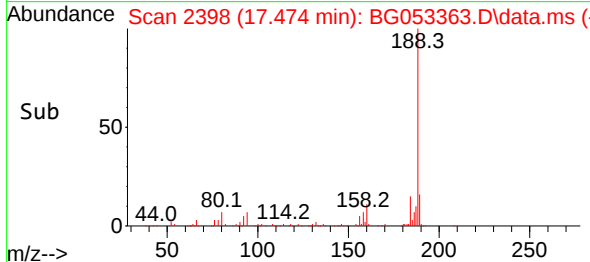
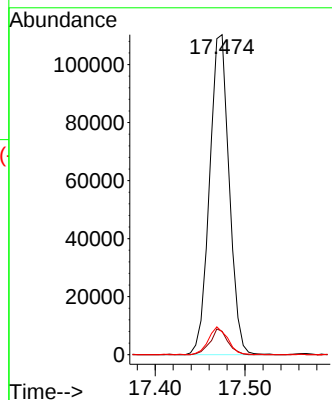
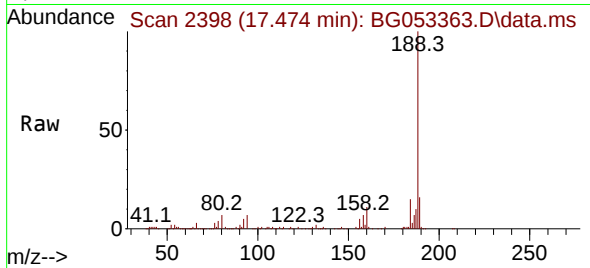




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

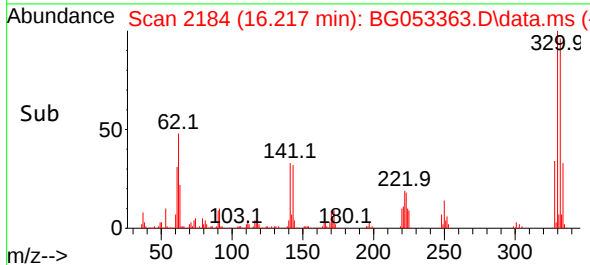
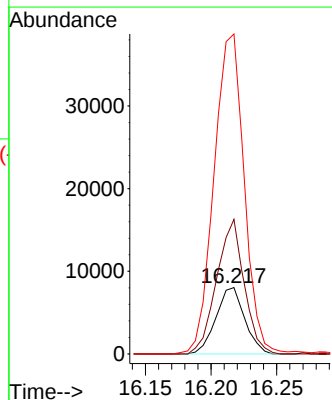
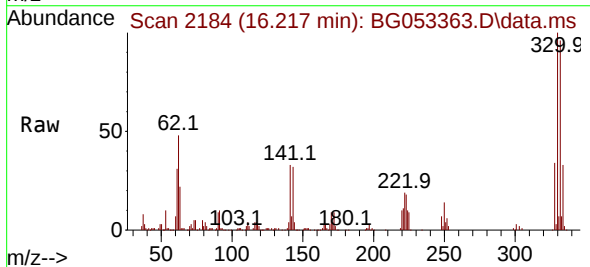
Instrument :
BNA_G
ClientSampleId :
MW-22R

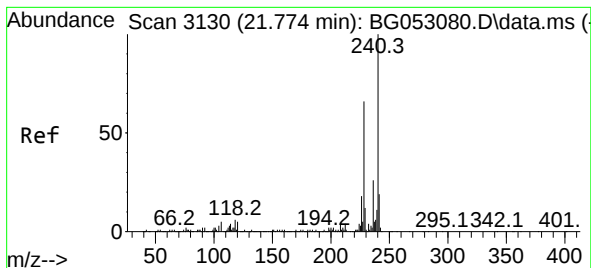
Tgt Ion:188 Resp: 166954
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.1 7.2 10.8#



#67
4-Bromophenyl-phenylether
Concen: 5.713 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.443 min
Lab File: BG053363.D
Acq: 28 Apr 2022 12:55

Tgt Ion:248 Resp: 12222
Ion Ratio Lower Upper
248 100
250 202.5 77.9 116.9#
141 481.5 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.757 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG053363.D

Acq: 28 Apr 2022 12:55

Instrument :

BNA_G

ClientSampleId :

MW-22R

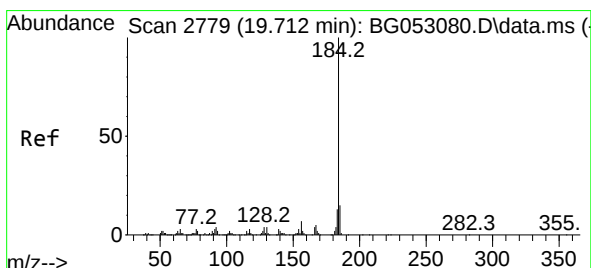
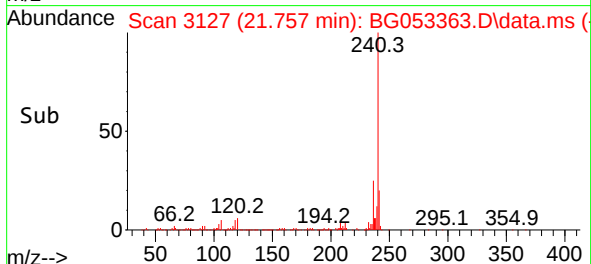
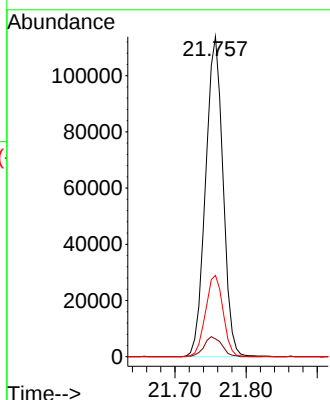
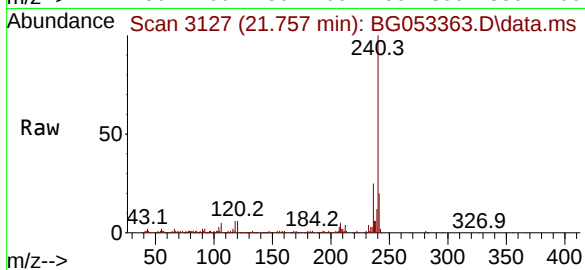
Tgt Ion:240 Resp: 193999

Ion Ratio Lower Upper

240 100

120 5.5 5.4 8.0

236 25.4 19.8 29.6



#77

Benzidine

Concen: 3.419 ng

RT: 20.077 min Scan# 2841

Delta R.T. 0.373 min

Lab File: BG053363.D

Acq: 28 Apr 2022 12:55

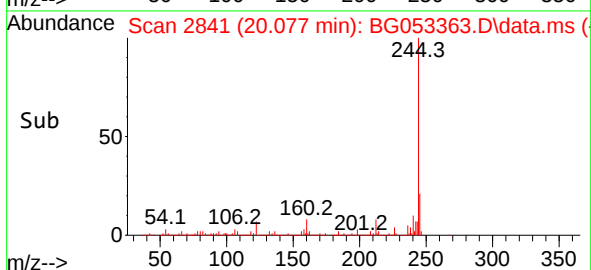
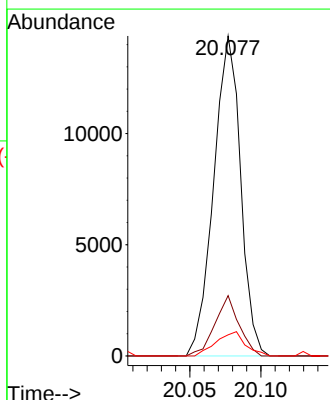
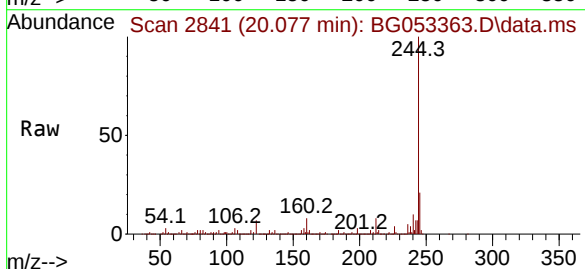
Tgt Ion:184 Resp: 18923

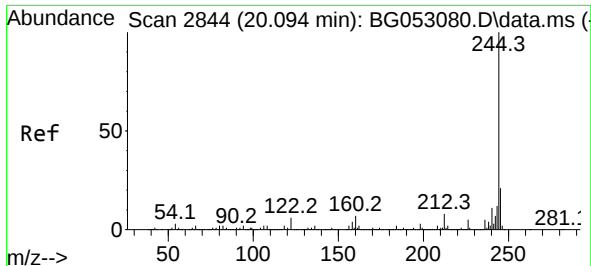
Ion Ratio Lower Upper

184 100

185 18.8 11.5 17.3#

183 6.6 9.4 14.2#

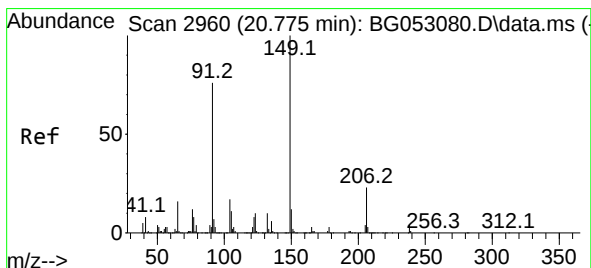
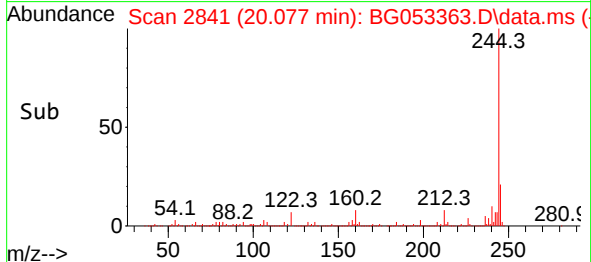
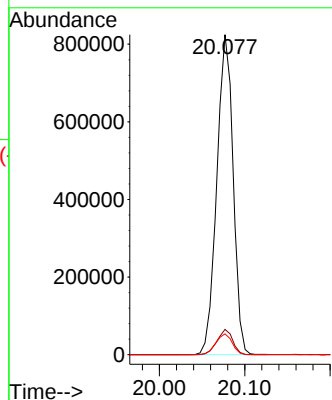
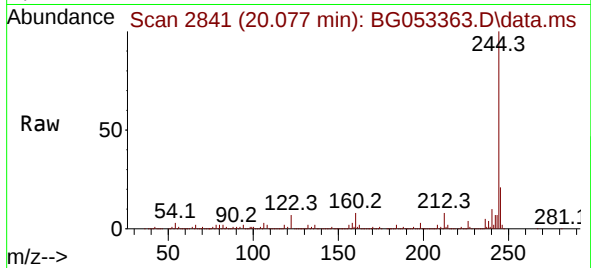




#79
 Terphenyl-d14
 Concen: 95.340 ng
 RT: 20.077 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053363.D
 Acq: 28 Apr 2022 12:55

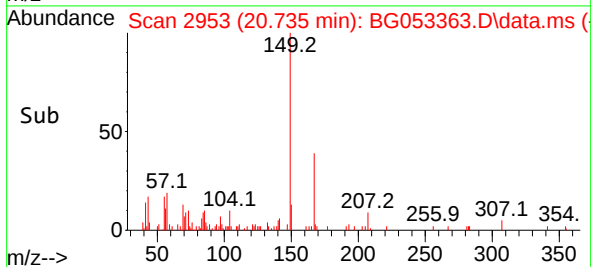
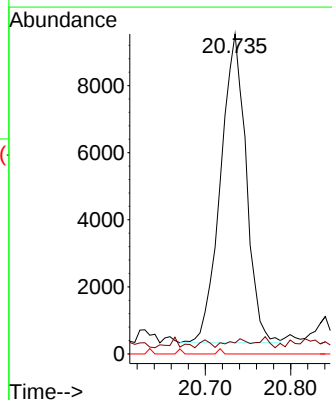
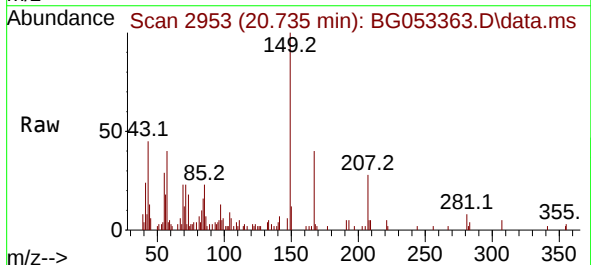
Instrument :
 BNA_G
 ClientSampleId :
 MW-22R

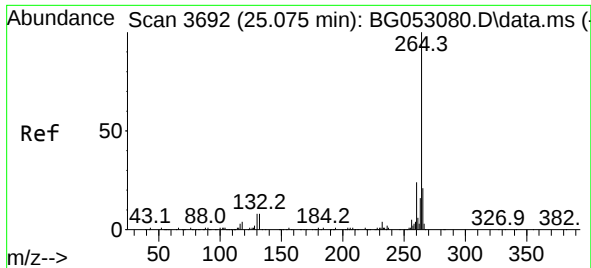
Tgt Ion:244 Resp: 1095144
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.5 5.8 8.6



#80
 Butylbenzylphthalate
 Concen: 3.732 ng
 RT: 20.735 min Scan# 2953
 Delta R.T. -0.032 min
 Lab File: BG053363.D
 Acq: 28 Apr 2022 12:55

Tgt Ion:149 Resp: 19225
 Ion Ratio Lower Upper
 149 100
 91 3.4 60.2 90.4#
 206 0.0 19.4 29.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.052 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG053363.D
 Acq: 28 Apr 2022 12:55

Instrument :
 BNA_G
 ClientSampleId :
 MW-22R

Tgt Ion:264 Resp: 199376
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 19.6 15.1 22.7

