

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053323.D
 Acq On : 26 Apr 2022 16:55
 Operator : CG/JU
 Sample : N2548-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-8S

Quant Time: Apr 27 03:37:30 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)

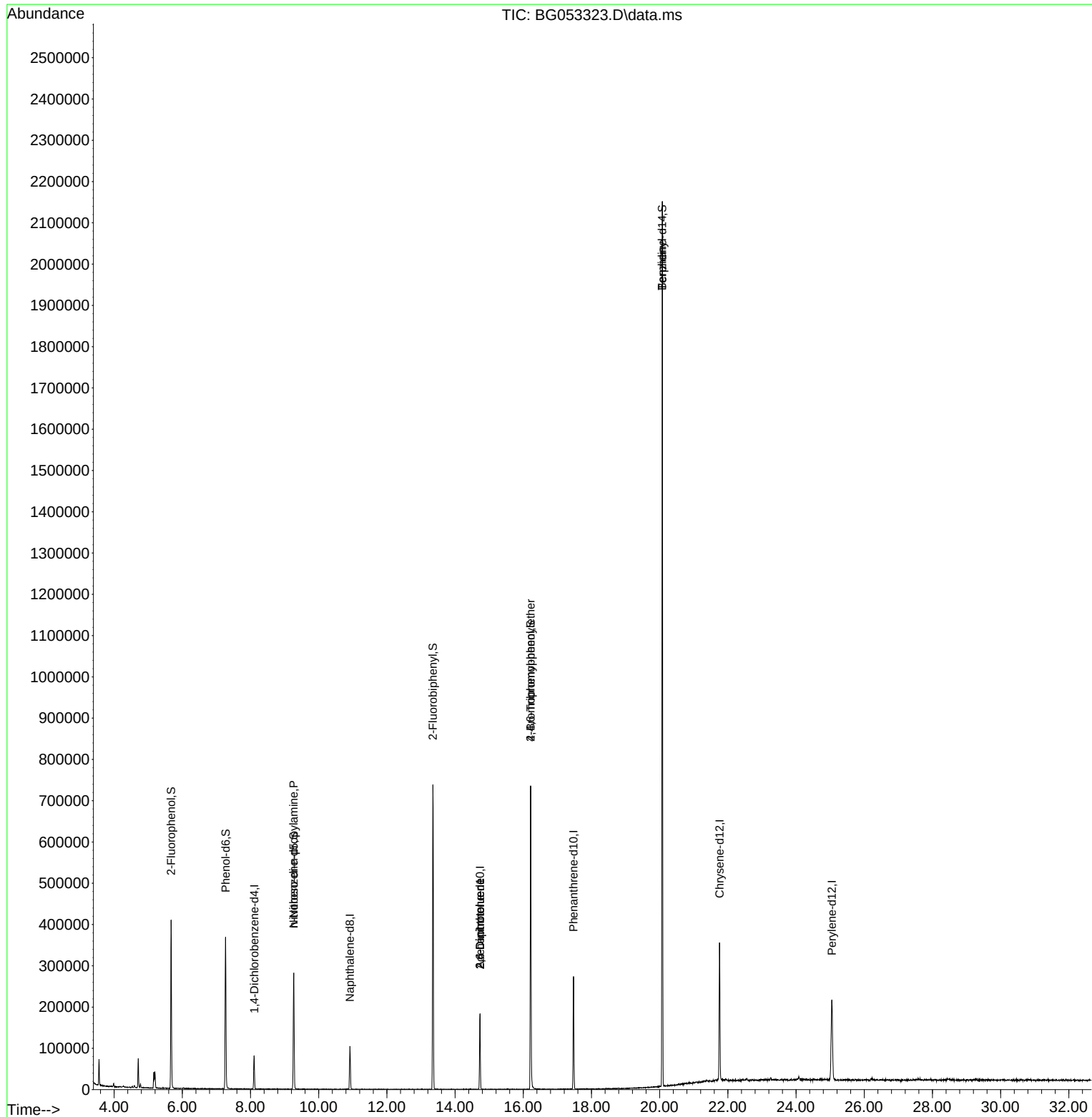
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	21783	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	85528	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	65374	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	183730	20.000	ng	0.00
76) Chrysene-d12	21.756	240	218818	20.000	ng	0.00
86) Perylene-d12	25.052	264	219389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	166804	131.264	ng	0.00
7) Phenol-d6	7.270	99	213183	108.787	ng	0.00
23) Nitrobenzene-d5	9.267	82	182971	86.863	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	153983	148.050	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	397347	83.811	ng	0.00
79) Terphenyl-d14	20.076	244	1089102	84.060	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.267	70	25205	17.569	ng	# 80
51) 2,6-Dinitrotoluene	14.731	165	8551	7.839	ng	# 24
57) 2,4-Dinitrotoluene	14.731	165	8551	5.506	ng	# 22
67) 4-Bromophenyl-phenylether	16.217	248	9844	4.181	ng	# 1
77) Benzidine	20.076	184	17615	2.821	ng	# 91

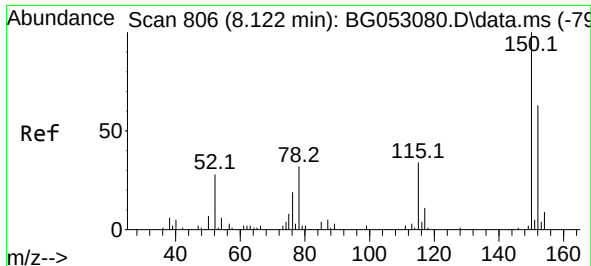
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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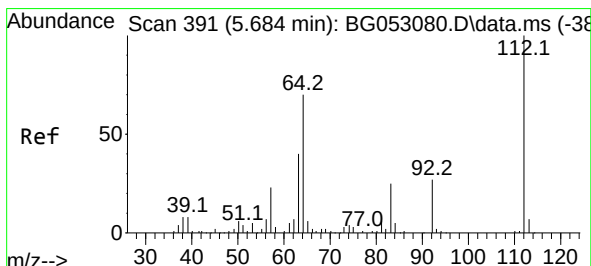
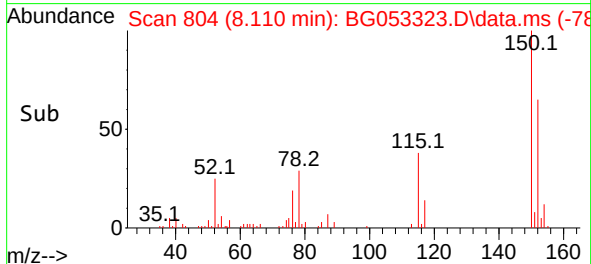
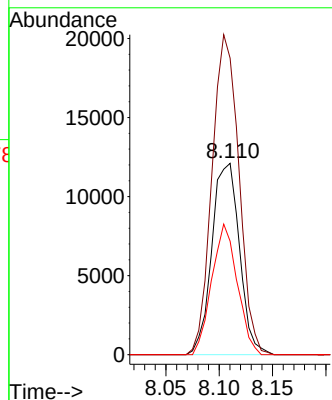
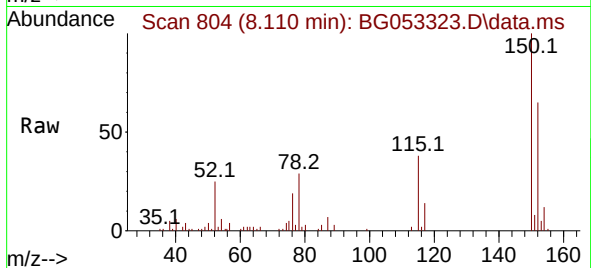




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

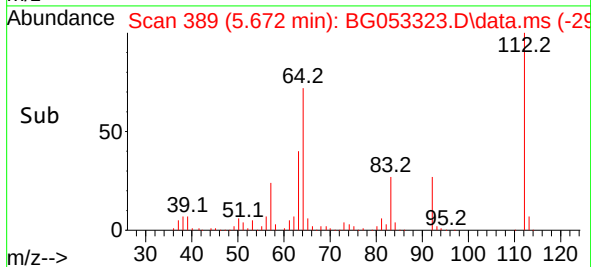
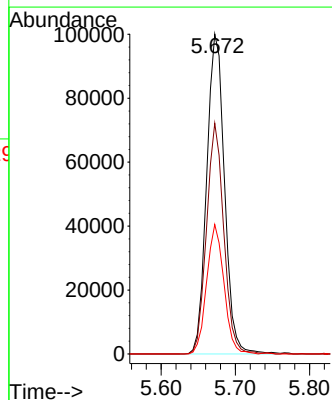
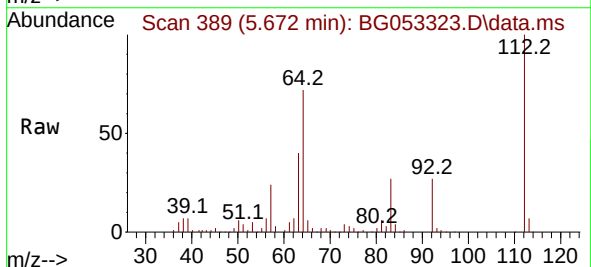
Instrument :
BNA_G
ClientSampleId :
MH-8S

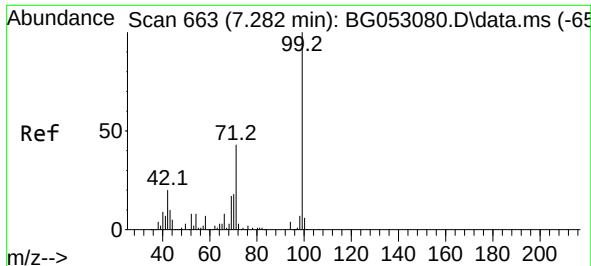
Tgt Ion:152 Resp: 21783
Ion Ratio Lower Upper
152 100
150 154.9 114.6 172.0
115 59.3 45.9 68.9



#5
2-Fluorophenol
Concen: 131.264 ng
RT: 5.672 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

Tgt Ion:112 Resp: 166804
Ion Ratio Lower Upper
112 100
64 72.1 48.0 72.0#
63 40.5 26.5 39.7#

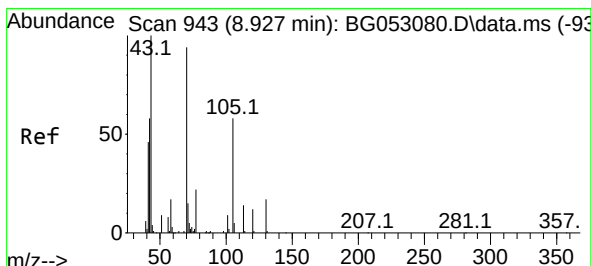
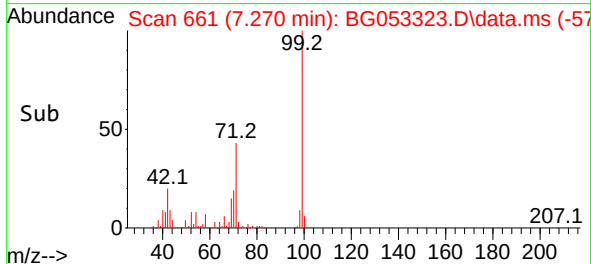
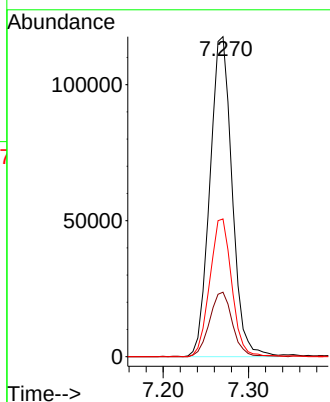
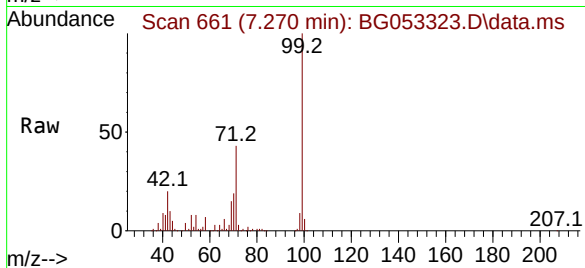




#7
Phenol-d6
Concen: 108.787 ng
RT: 7.270 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

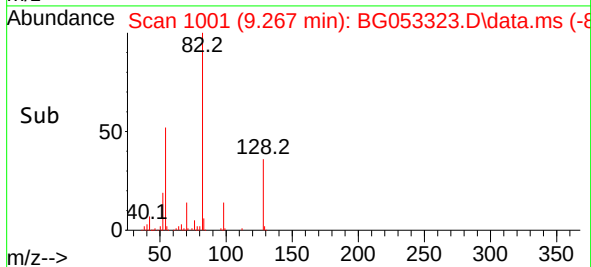
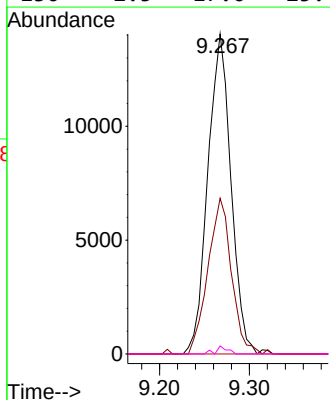
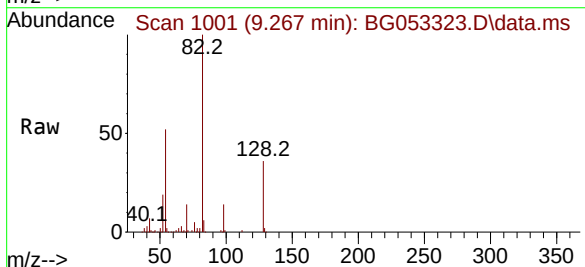
Instrument :
BNA_G
ClientSampleId :
MH-8S

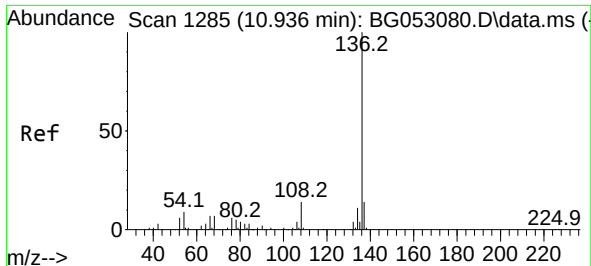
Tgt Ion: 99 Resp: 213183
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 43.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.569 ng
RT: 9.267 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

Tgt Ion: 70 Resp: 25205
Ion Ratio Lower Upper
70 100
42 48.7 46.0 69.0
101 0.0 6.2 9.4#
130 2.5 17.0 25.4#

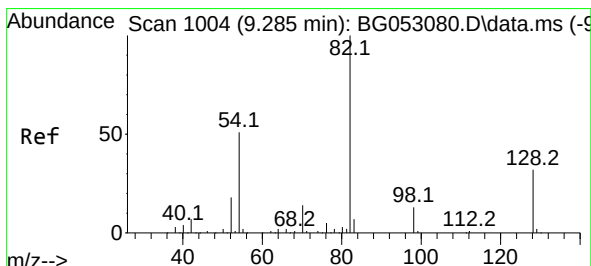
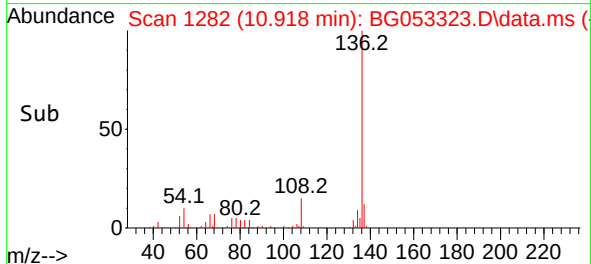
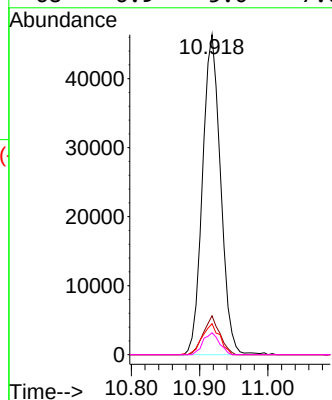
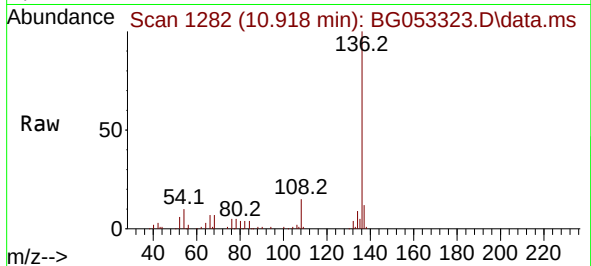




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 1001
Delta R.T. -0.003 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

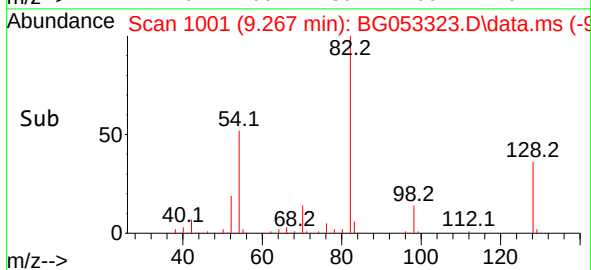
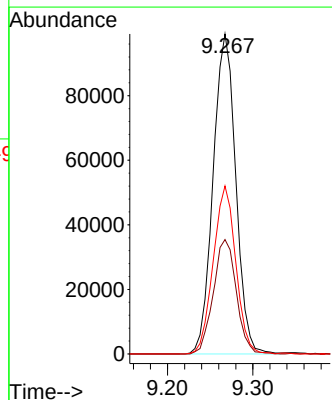
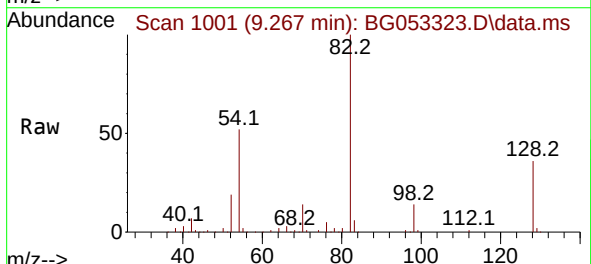
Instrument :
BNA_G
ClientSampleId :
MH-8S

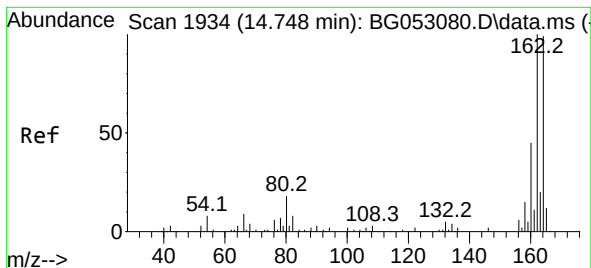
Tgt Ion:136	Resp:	85528
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.4 14.2
54	9.7	6.4 9.6#
68	6.9	5.0 7.6



#23
Nitrobenzene-d5
Concen: 86.863 ng
RT: 9.267 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

Tgt Ion: 82	Resp:	182971
Ion Ratio	Lower	Upper
82	100	
128	35.8	31.3 46.9
54	52.5	37.8 56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.731 min Scan# 1931

Delta R.T. -0.003 min

Lab File: BG053323.D

Acq: 26 Apr 2022 16:55

Instrument :

BNA_G

ClientSampleId :

MH-8S

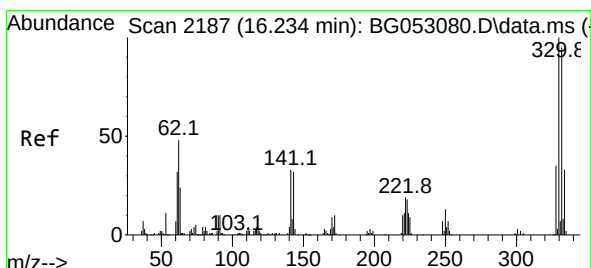
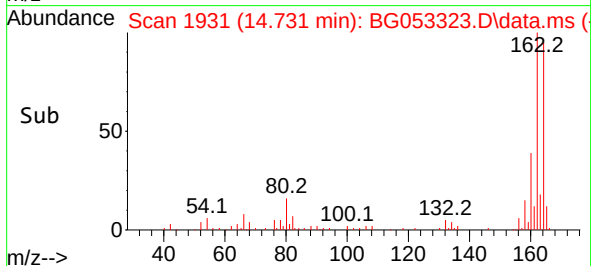
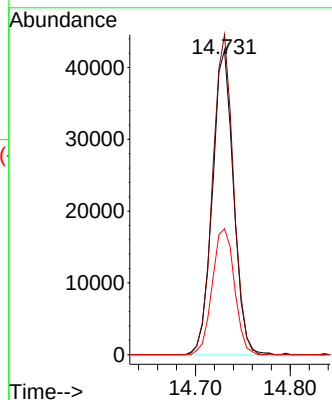
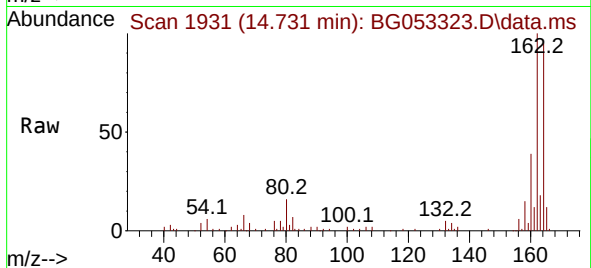
Tgt Ion:164 Resp: 65374

Ion Ratio Lower Upper

164 100

162 105.0 80.0 120.0

160 41.4 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 148.050 ng

RT: 16.217 min Scan# 2184

Delta R.T. -0.009 min

Lab File: BG053323.D

Acq: 26 Apr 2022 16:55

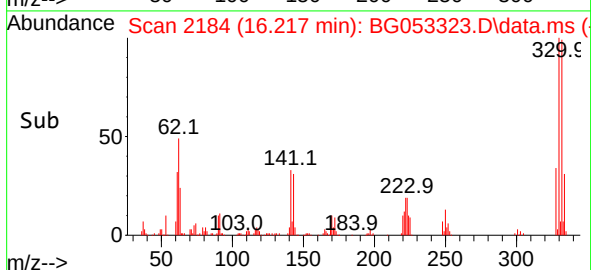
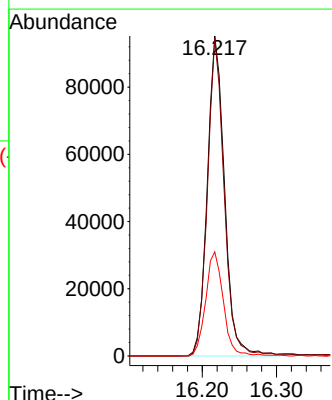
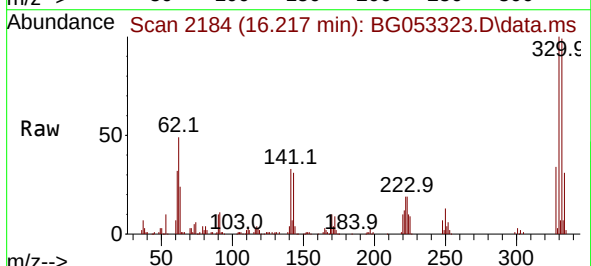
Tgt Ion:330 Resp: 153983

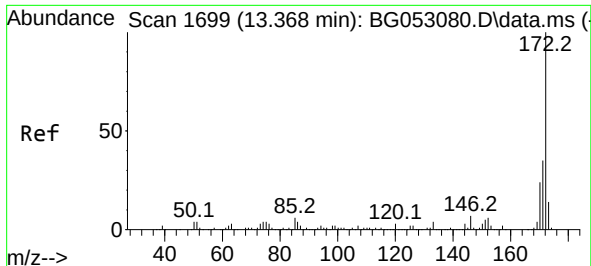
Ion Ratio Lower Upper

330 100

332 95.8 75.8 113.6

141 33.4 24.6 36.8

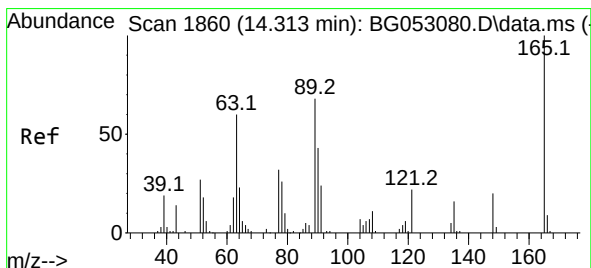
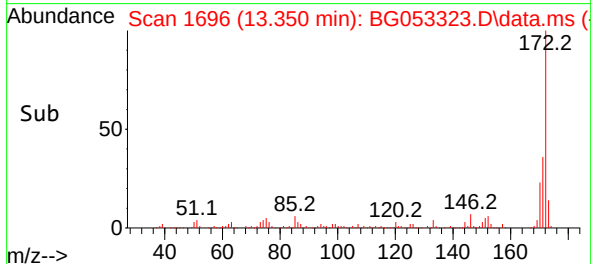
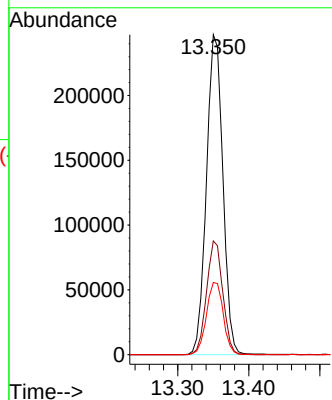
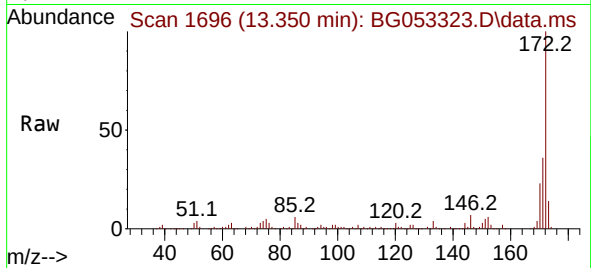




#45
2-Fluorobiphenyl
Concen: 83.811 ng
RT: 13.350 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

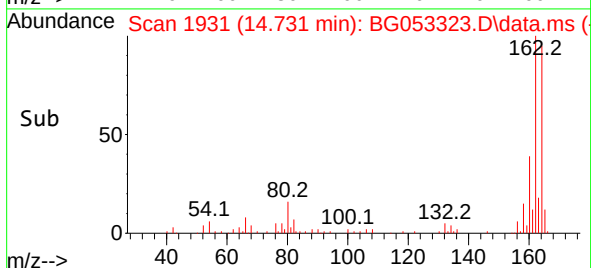
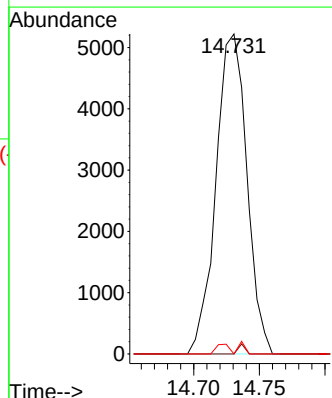
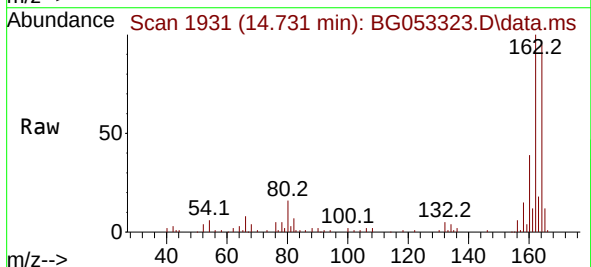
Instrument :
BNA_G
ClientSampleId :
MH-8S

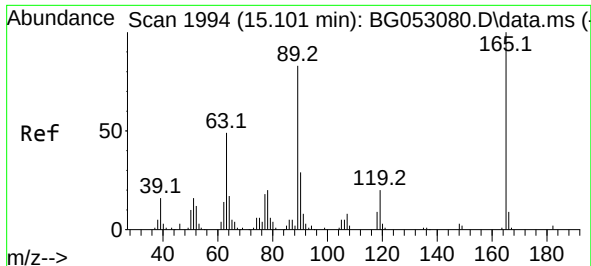
Tgt Ion:172 Resp: 397347
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 22.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.839 ng
RT: 14.731 min Scan# 1931
Delta R.T. 0.425 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

Tgt Ion:165 Resp: 8551
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.506 ng

RT: 14.731 min Scan# 1994

Delta R.T. -0.362 min

Lab File: BG053323.D

Acq: 26 Apr 2022 16:55

Instrument :

BNA_G

ClientSampleId :

MH-8S

Tgt Ion:165 Resp: 8551

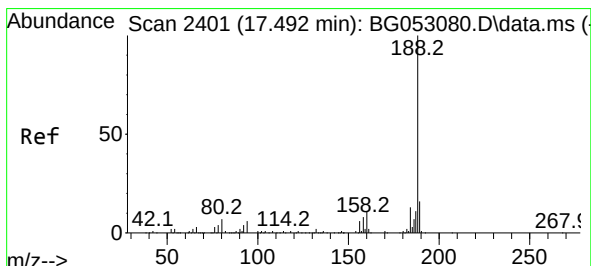
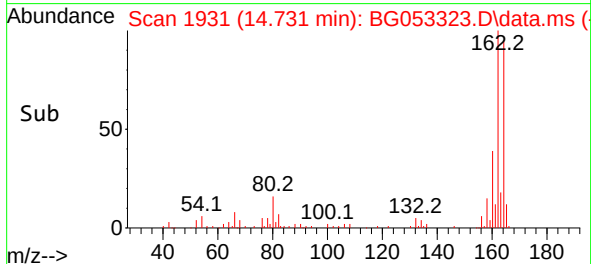
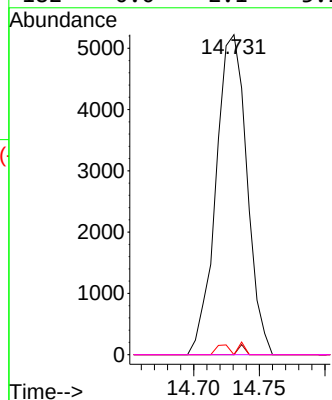
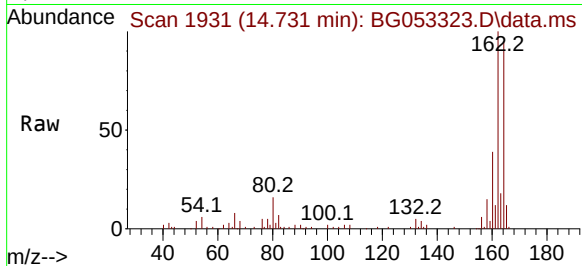
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.474 min Scan# 2398

Delta R.T. -0.009 min

Lab File: BG053323.D

Acq: 26 Apr 2022 16:55

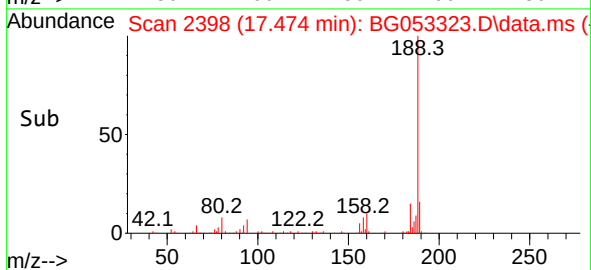
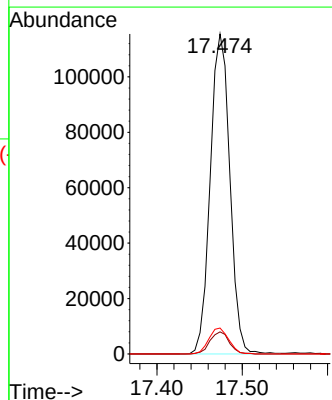
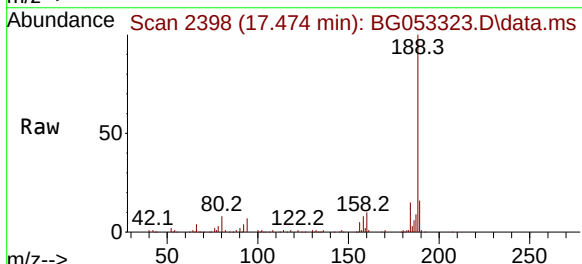
Tgt Ion:188 Resp: 183730

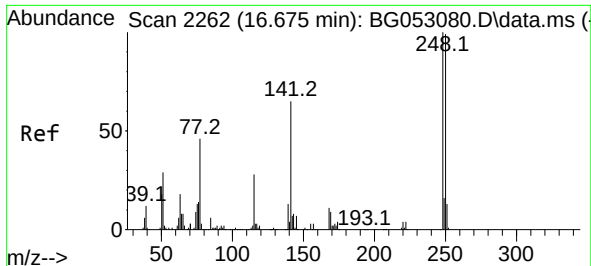
Ion Ratio Lower Upper

188 100

94 6.9 5.7 8.5

80 8.1 7.2 10.8

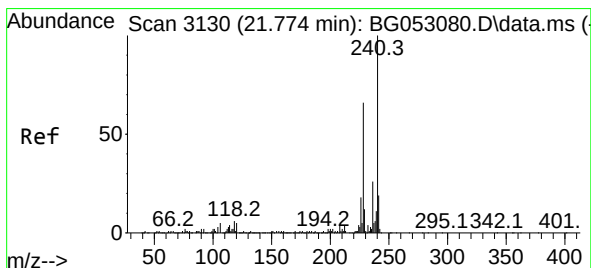
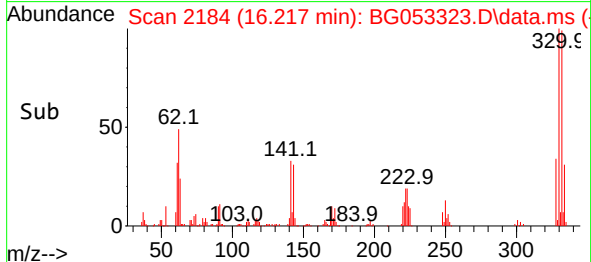
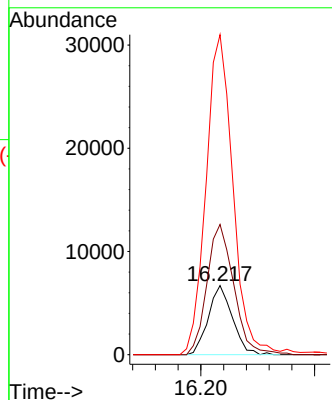
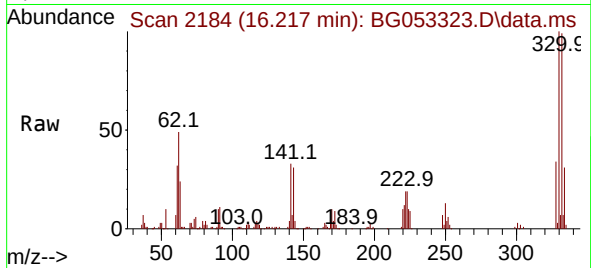




#67
4-Bromophenyl-phenylether
Concen: 4.181 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.444 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

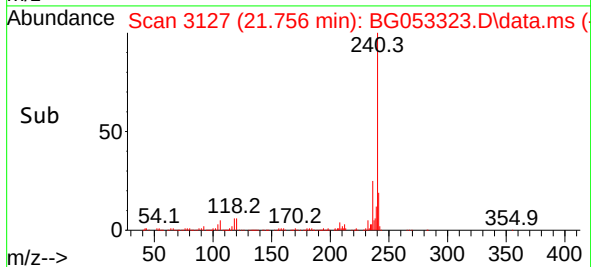
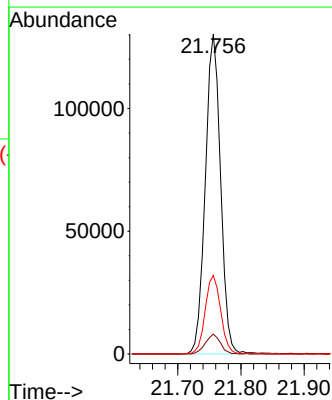
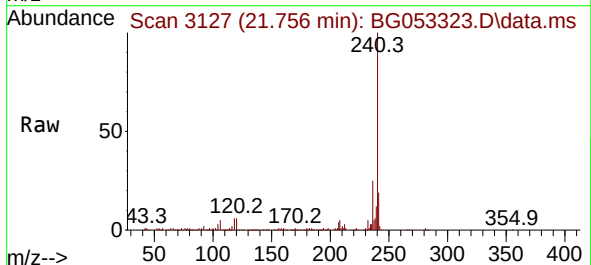
Instrument :
BNA_G
ClientSampleId :
MH-8S

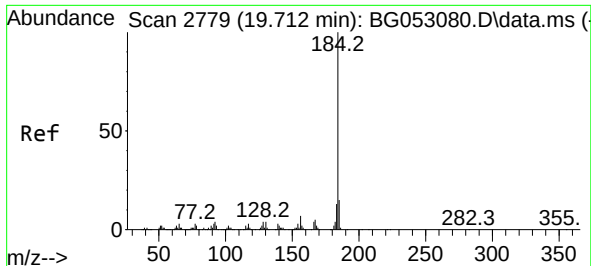
Tgt Ion:248 Resp: 9844
Ion Ratio Lower Upper
248 100
250 188.4 77.9 116.9#
141 463.1 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

Tgt Ion:240 Resp: 218818
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 24.5 19.8 29.6

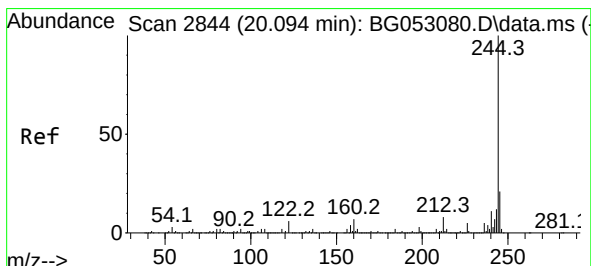
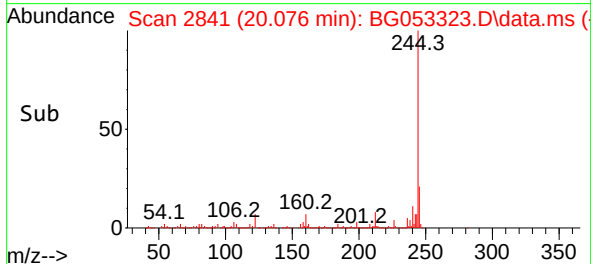
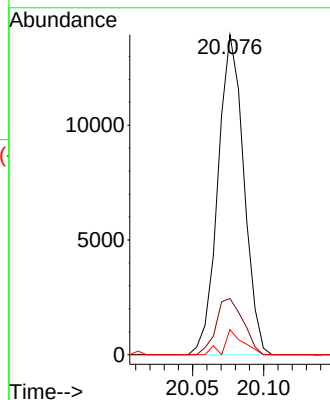
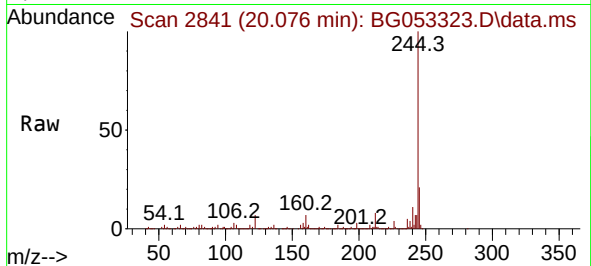




#77
Benzidine
Concen: 2.821 ng
RT: 20.076 min Scan# 2841
Delta R.T. 0.373 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

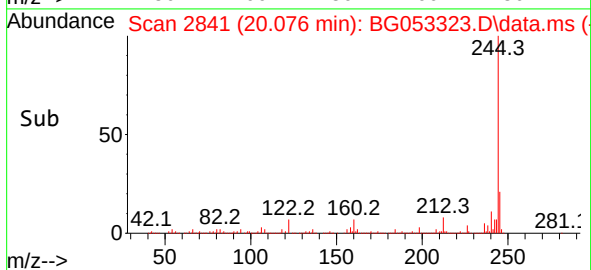
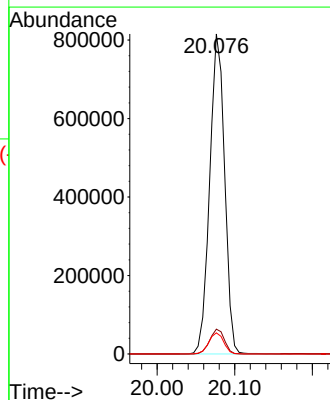
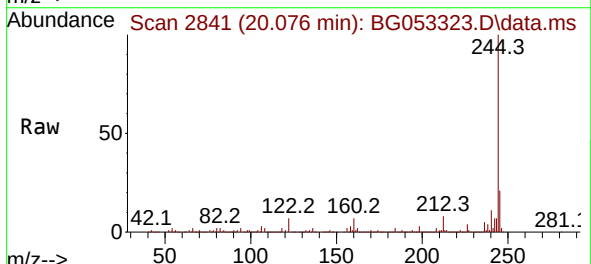
Instrument :
BNA_G
ClientSampleId :
MH-8S

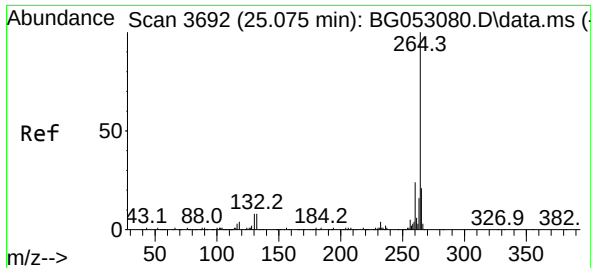
Tgt Ion:184 Resp: 17615
Ion Ratio Lower Upper
184 100
185 17.5 11.5 17.3#
183 7.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 84.060 ng
RT: 20.076 min Scan# 2841
Delta R.T. -0.009 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

Tgt Ion:244 Resp: 1089102
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.6 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.052 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG053323.D
 Acq: 26 Apr 2022 16:55

Instrument :
 BNA_G
 ClientSampleId :
 MH-8S

Tgt Ion:264 Resp: 219389
 Ion Ratio Lower Upper
 264 100
 260 21.4 18.2 27.2
 265 19.6 15.1 22.7

