

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053456.D
 Acq On : 5 May 2022 18:36
 Operator : CG/JU
 Sample : N2677-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5,8

Quant Time: May 06 03:47:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

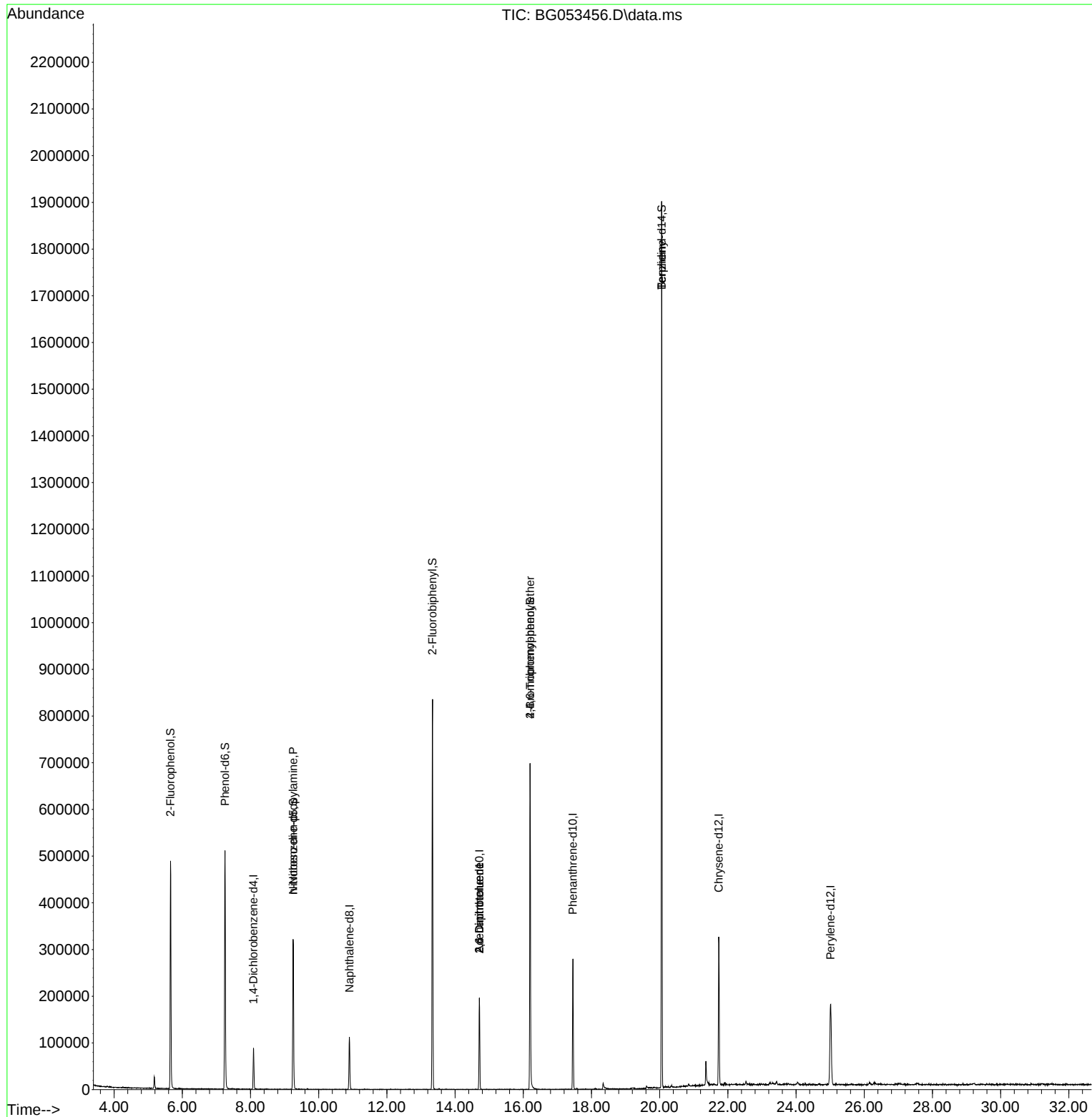
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	24853	20.000	ng	-0.01
21) Naphthalene-d8	10.901	136	94158	20.000	ng	-0.01
39) Acenaphthene-d10	14.713	164	72253	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	178183	20.000	ng	-0.01
76) Chrysene-d12	21.733	240	209968	20.000	ng	-0.01
86) Perylene-d12	25.011	264	208784	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	200197	136.708	ng	-0.01
7) Phenol-d6	7.253	99	291312	131.076	ng	0.00
23) Nitrobenzene-d5	9.250	82	205574	92.939	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	148592	139.438	ng	-0.01
45) 2-Fluorobiphenyl	13.339	172	443707	89.737	ng	0.00
79) Terphenyl-d14	20.059	244	946930	83.995	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.250	70	28364	17.788	ng	# 78
51) 2,6-Dinitrotoluene	14.713	165	8963	8.013	ng	# 16
57) 2,4-Dinitrotoluene	14.713	165	8963	5.528	ng	# 21
67) 4-Bromophenyl-phenylether	16.200	248	9562	4.595	ng	# 1
77) Benzdine	20.059	184	15839	3.500	ng	# 93

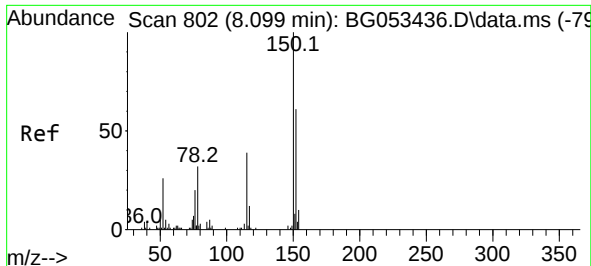
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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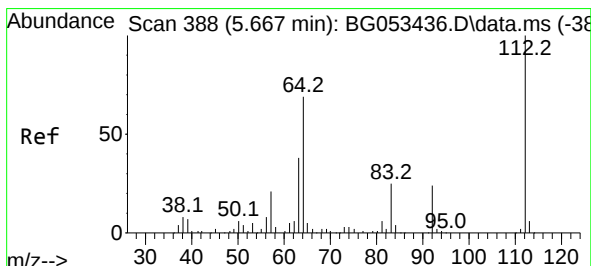
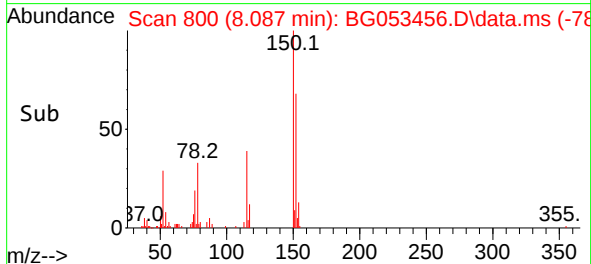
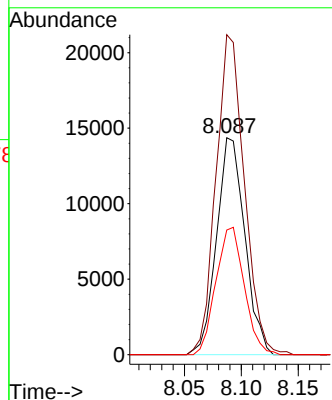
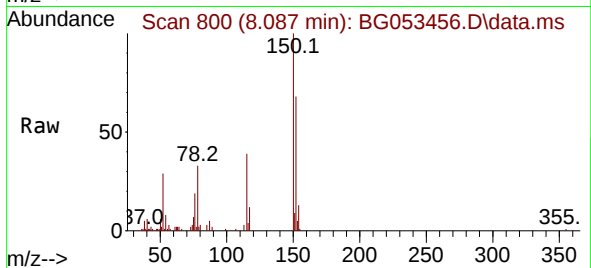




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.012 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

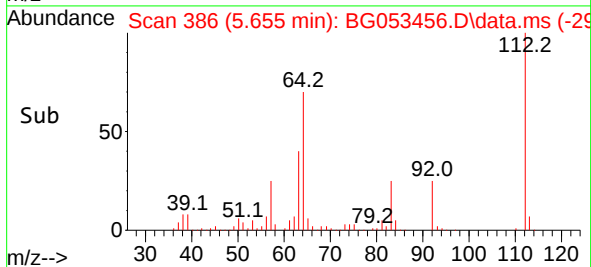
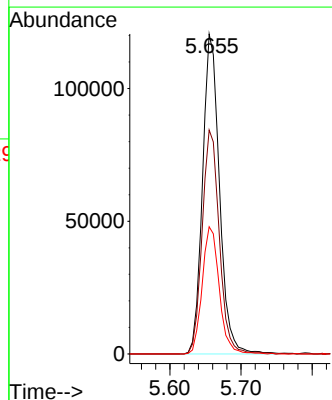
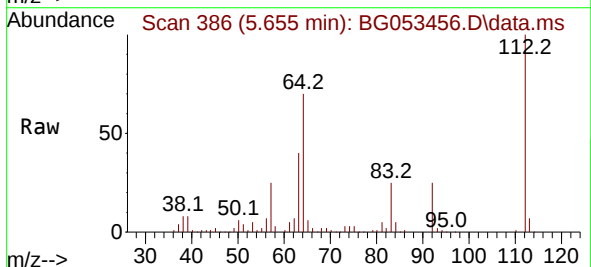
Instrument :
BNA_G
ClientSampleId :
SB-5,8

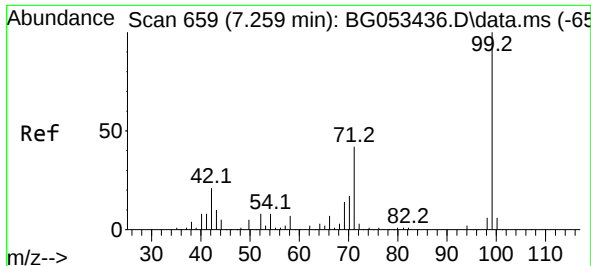
Tgt Ion:152 Resp: 24853
Ion Ratio Lower Upper
152 100
150 147.5 131.6 197.4
115 57.5 50.9 76.3



#5
2-Fluorophenol
Concen: 136.708 ng
RT: 5.655 min Scan# 386
Delta R.T. -0.012 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

Tgt Ion:112 Resp: 200197
Ion Ratio Lower Upper
112 100
64 70.0 55.1 82.7
63 39.8 30.4 45.6

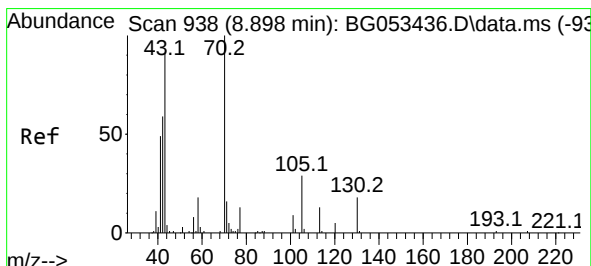
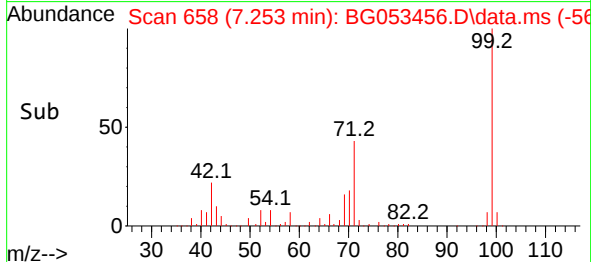
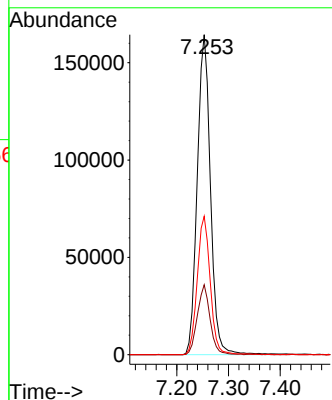
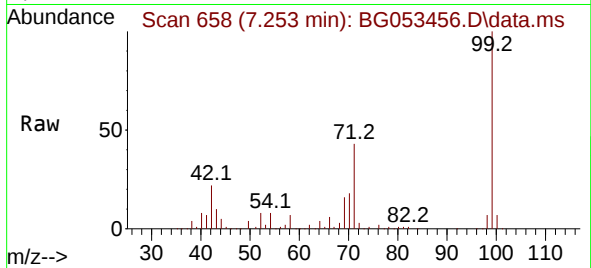




#7
Phenol-d6
Concen: 131.076 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

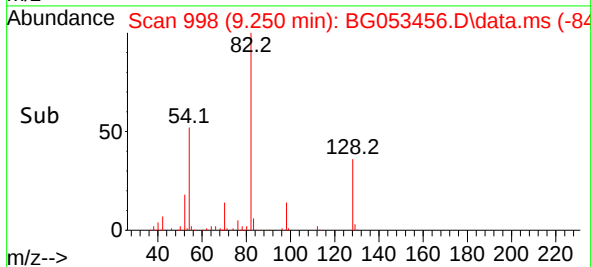
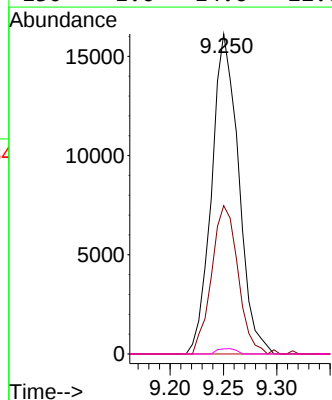
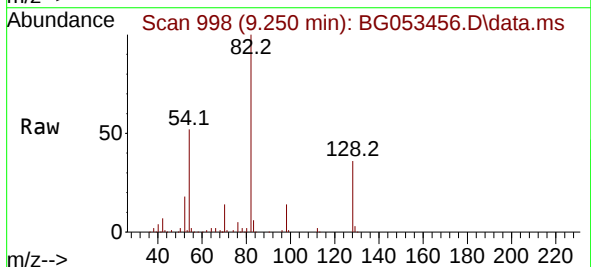
Instrument :
BNA_G
ClientSampleId :
SB-5,8

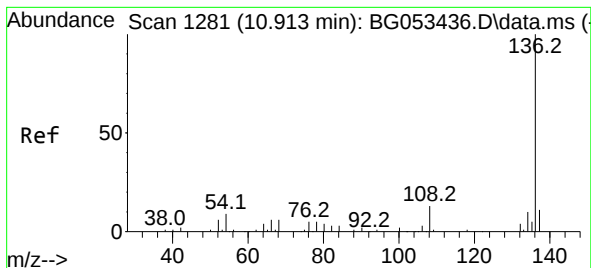
Tgt Ion: 99 Resp: 291312
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 43.2 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.788 ng
RT: 9.250 min Scan# 998
Delta R.T. 0.353 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

Tgt Ion: 70 Resp: 28364
Ion Ratio Lower Upper
70 100
42 46.3 47.3 70.9#
101 0.0 7.0 10.4#
130 1.6 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.901 min Scan# 11

Delta R.T. -0.012 min

Lab File: BG053456.D

Acq: 5 May 2022 18:36

Instrument :

BNA_G

ClientSampleId :

SB-5,8

Tgt Ion:136 Resp: 94158

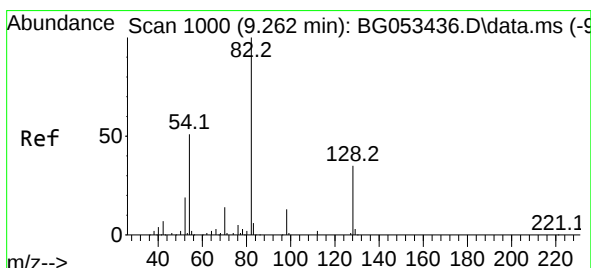
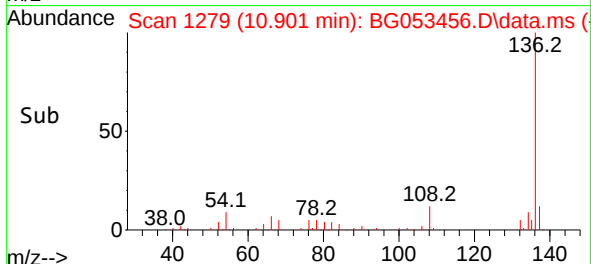
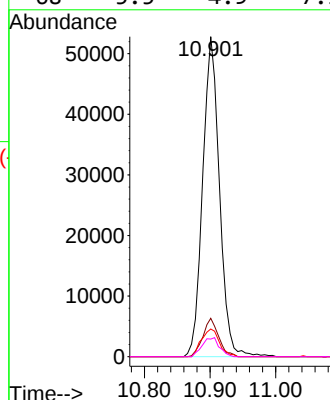
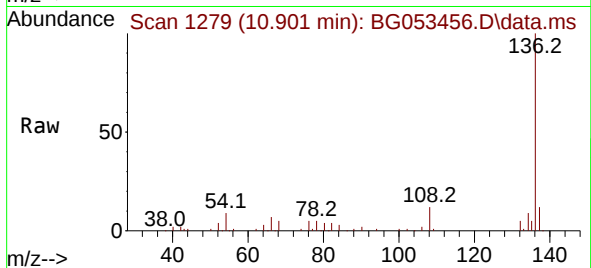
Ion Ratio Lower Upper

136 100

137 12.0 8.5 12.7

54 8.7 7.4 11.2

68 5.5 4.9 7.3



#23

Nitrobenzene-d5

Concen: 92.939 ng

RT: 9.250 min Scan# 998

Delta R.T. -0.012 min

Lab File: BG053456.D

Acq: 5 May 2022 18:36

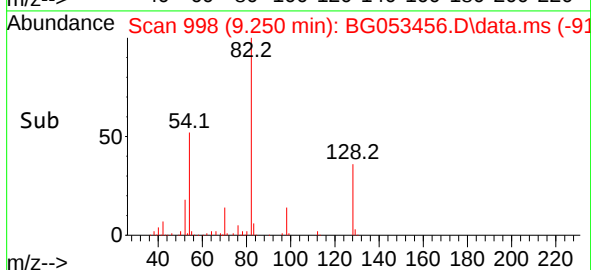
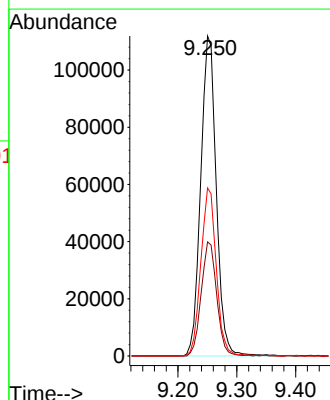
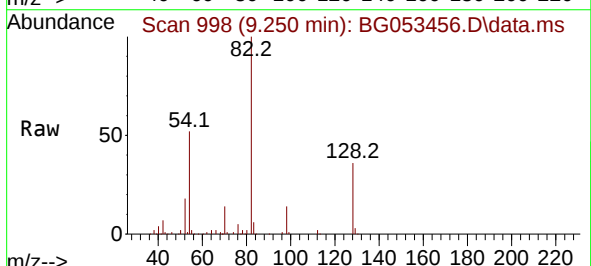
Tgt Ion: 82 Resp: 205574

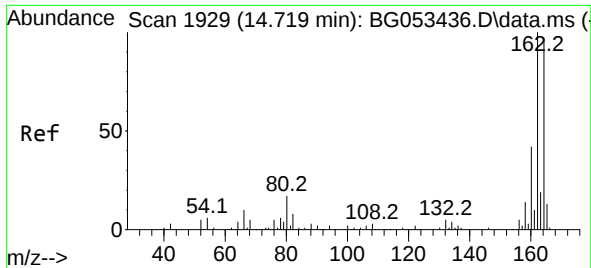
Ion Ratio Lower Upper

82 100

128 35.7 27.9 41.9

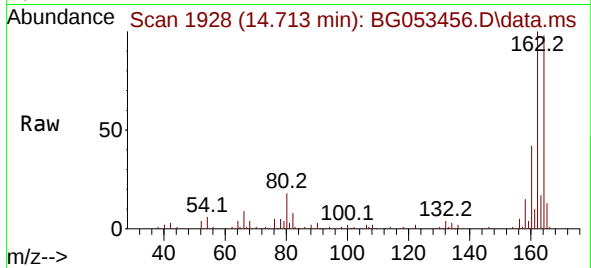
54 52.5 41.2 61.8



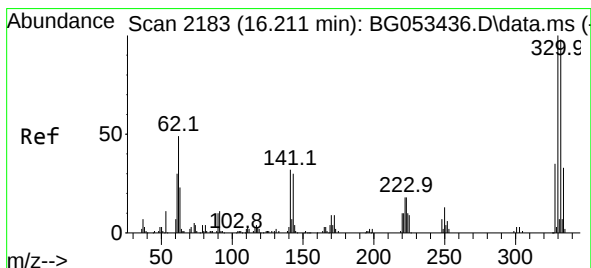
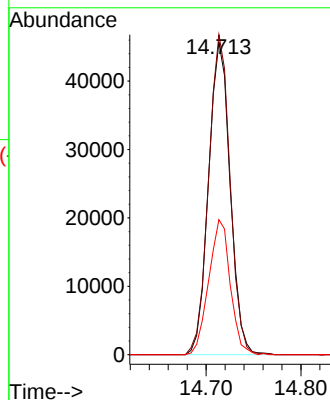
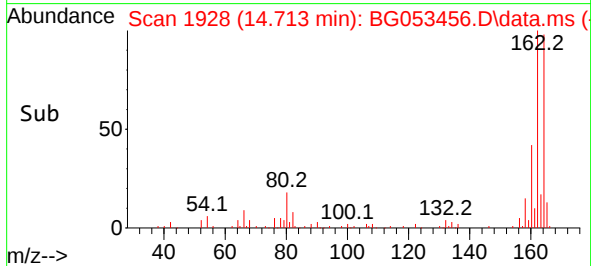


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

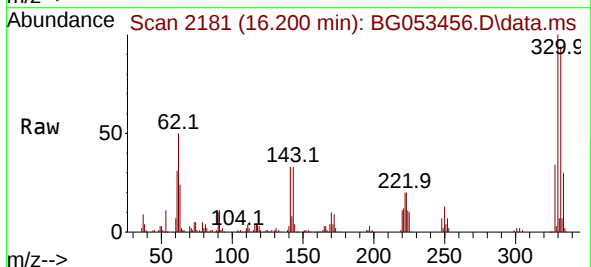
Instrument :
BNA_G
ClientSampleId :
SB-5,8



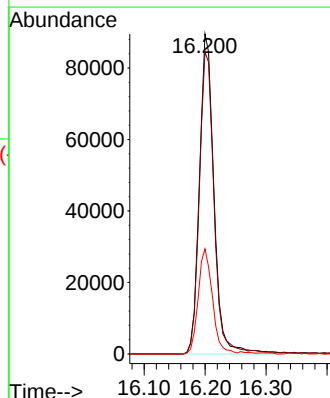
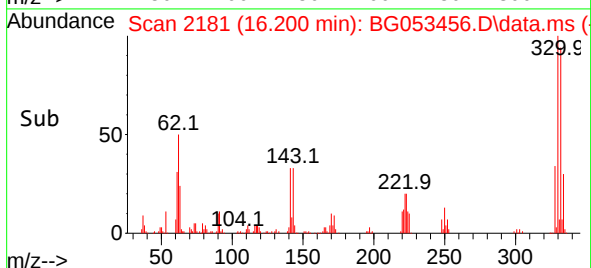
Tgt Ion:164 Resp: 72253
Ion Ratio Lower Upper
164 100
162 102.4 82.3 123.5
160 43.2 34.2 51.2

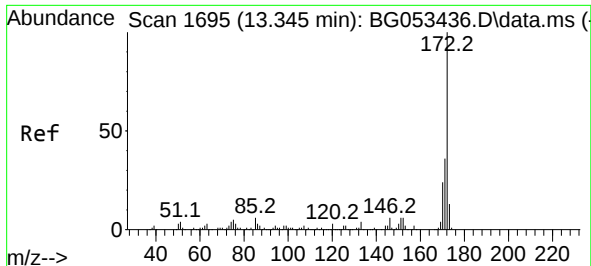


#42
2,4,6-Tribromophenol
Concen: 139.438 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.011 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36



Tgt Ion:330 Resp: 148592
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 32.0 27.1 40.7

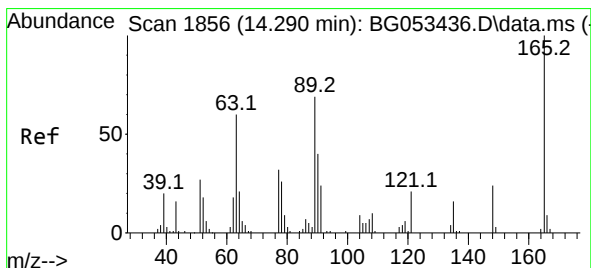
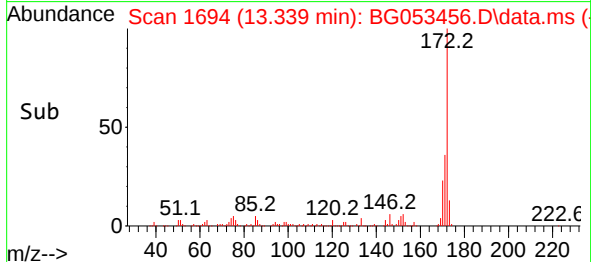
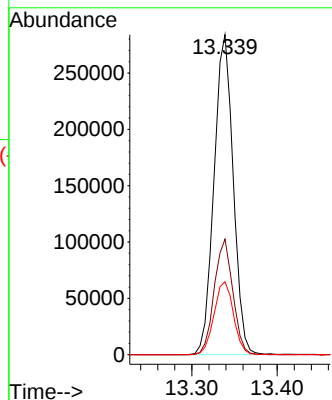
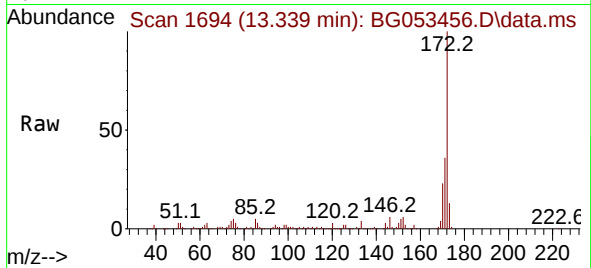




#45
2-Fluorobiphenyl
Concen: 89.737 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

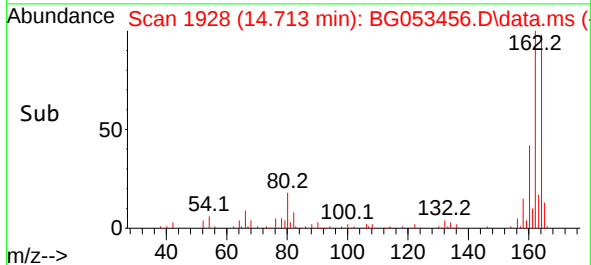
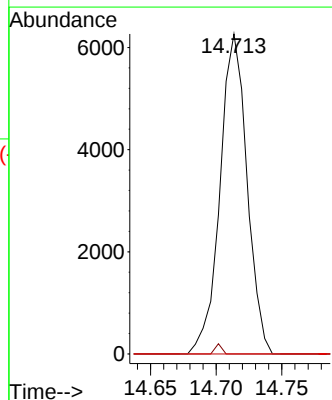
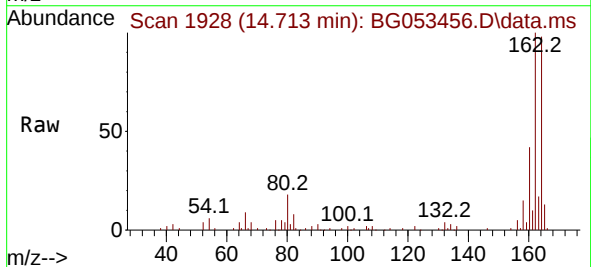
Instrument :
BNA_G
ClientSampleId :
SB-5,8

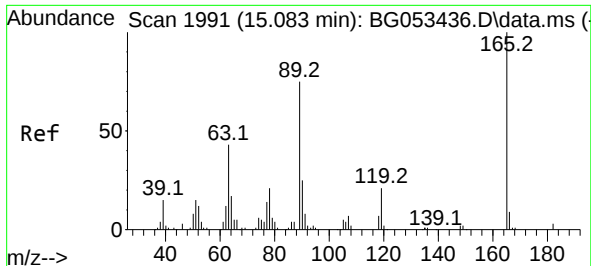
Tgt Ion:172 Resp: 443707
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 22.8 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.013 ng
RT: 14.713 min Scan# 1928
Delta R.T. 0.423 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

Tgt Ion:165 Resp: 8963
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

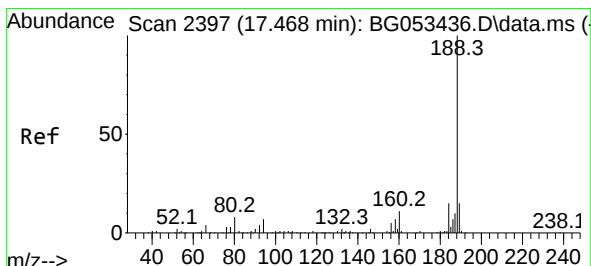
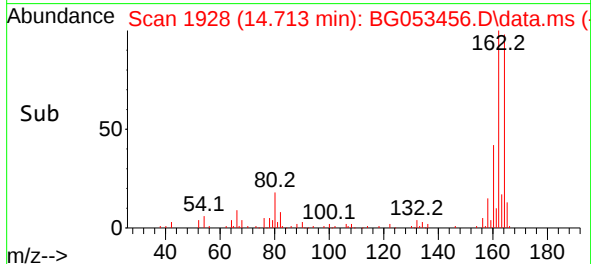
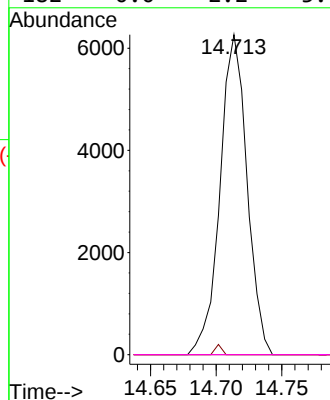
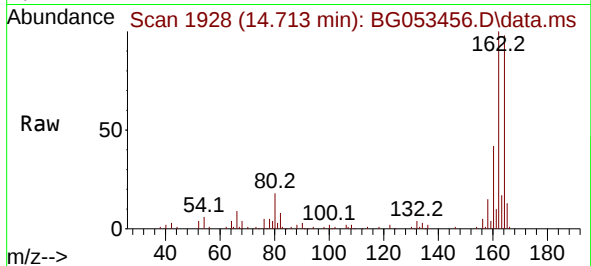




#57
2,4-Dinitrotoluene
Concen: 5.528 ng
RT: 14.713 min Scan# 1991
Delta R.T. -0.370 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

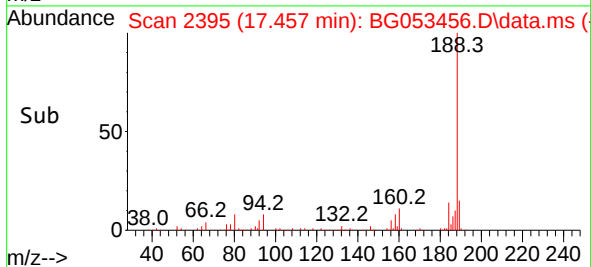
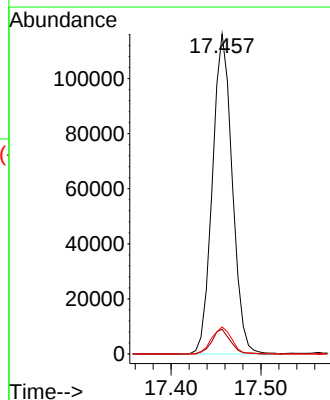
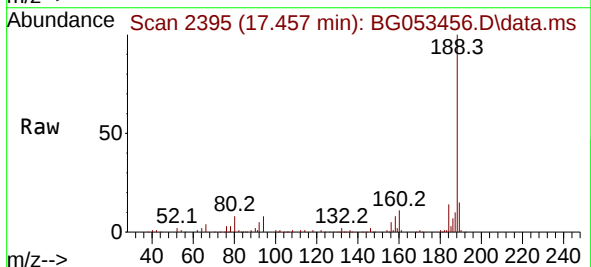
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SB-5,8

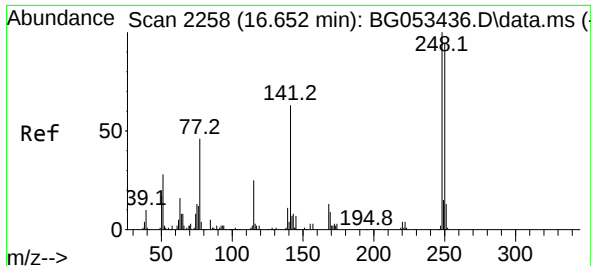
Tgt Ion:165 Resp: 8963
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

Tgt Ion:188 Resp: 178183
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 8.5 6.8 10.2

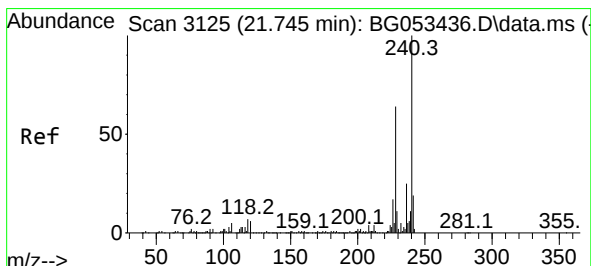
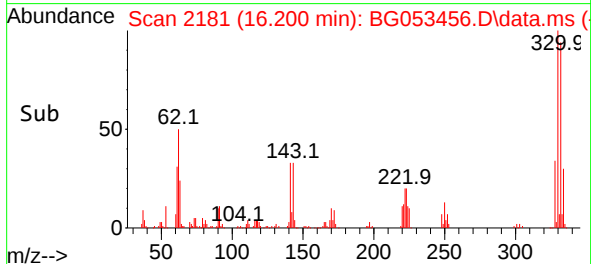
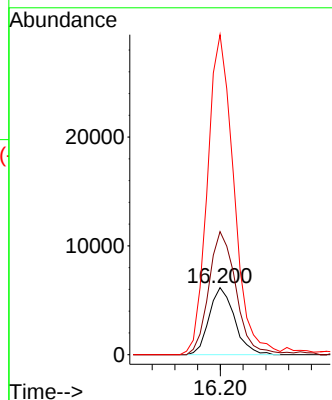
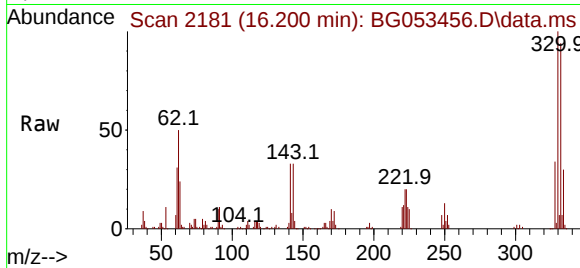




#67
4-Bromophenyl-phenylether
Concen: 4.595 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.452 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

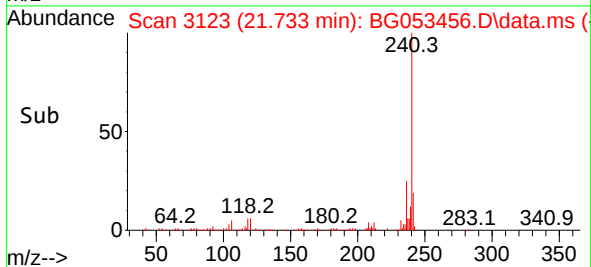
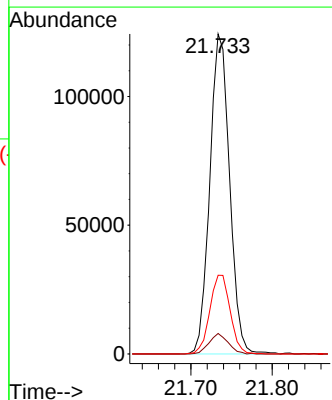
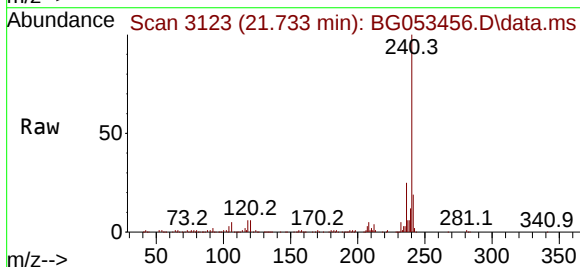
Instrument :
BNA_G
ClientSampleId :
SB-5,8

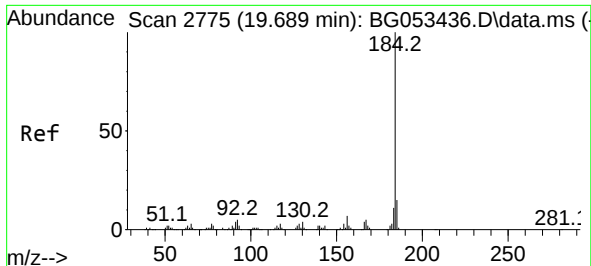
Tgt Ion:248 Resp: 9562
Ion Ratio Lower Upper
248 100
250 183.3 75.2 112.8#
141 477.0 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

Tgt Ion:240 Resp: 209968
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 24.6 20.2 30.4

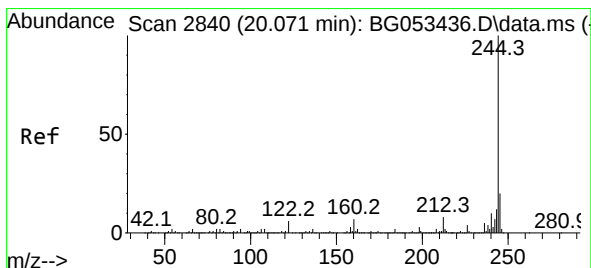
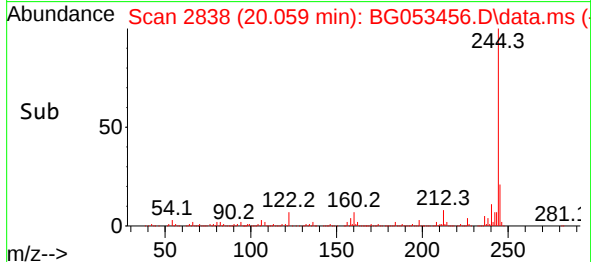
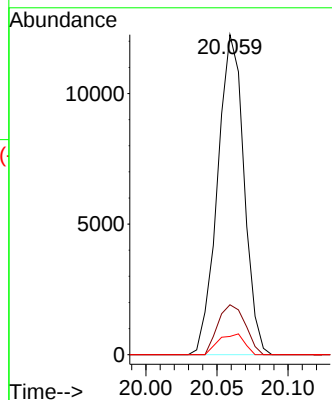
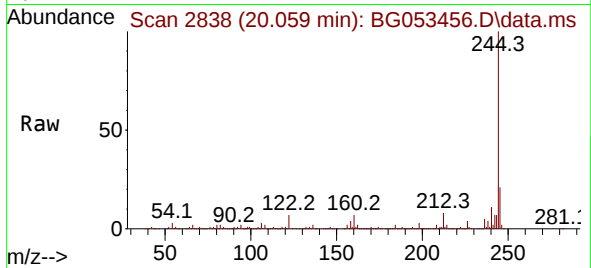




#77
Benzidine
Concen: 3.500 ng
RT: 20.059 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

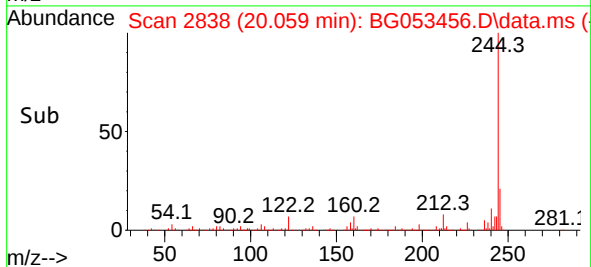
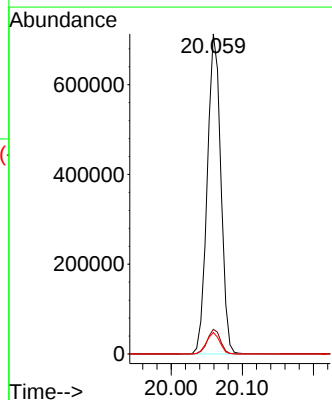
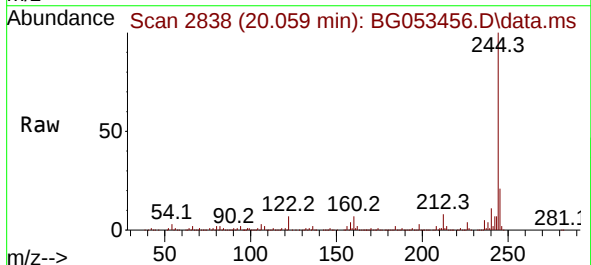
Instrument :
BNA_G
ClientSampleId :
SB-5,8

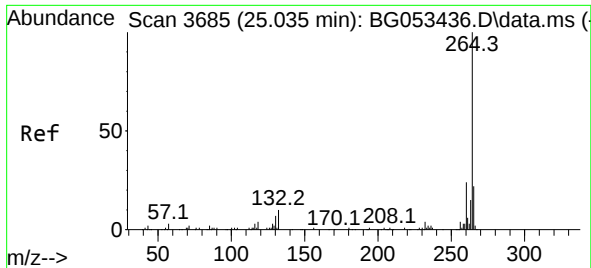
Tgt Ion:184 Resp: 15839
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 5.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 83.995 ng
RT: 20.059 min Scan# 2838
Delta R.T. -0.012 min
Lab File: BG053456.D
Acq: 5 May 2022 18:36

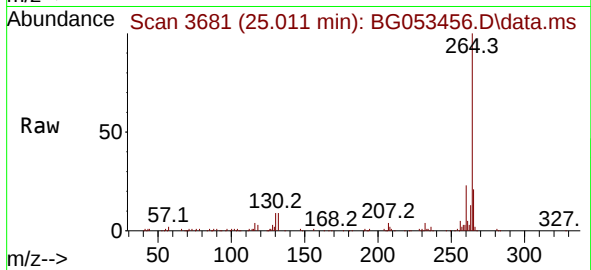
Tgt Ion:244 Resp: 946930
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 6.7 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.011 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: BG053456.D
 Acq: 5 May 2022 18:36

Instrument :
 BNA_G
 ClientSampleId :
 SB-5,8



Tgt Ion:264 Resp: 208784

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	20.9	17.4	26.2

