

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053465.D
 Acq On : 6 May 2022 00:27
 Operator : CG/JU
 Sample : N2677-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7,6

Quant Time: May 06 03:48:58 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)

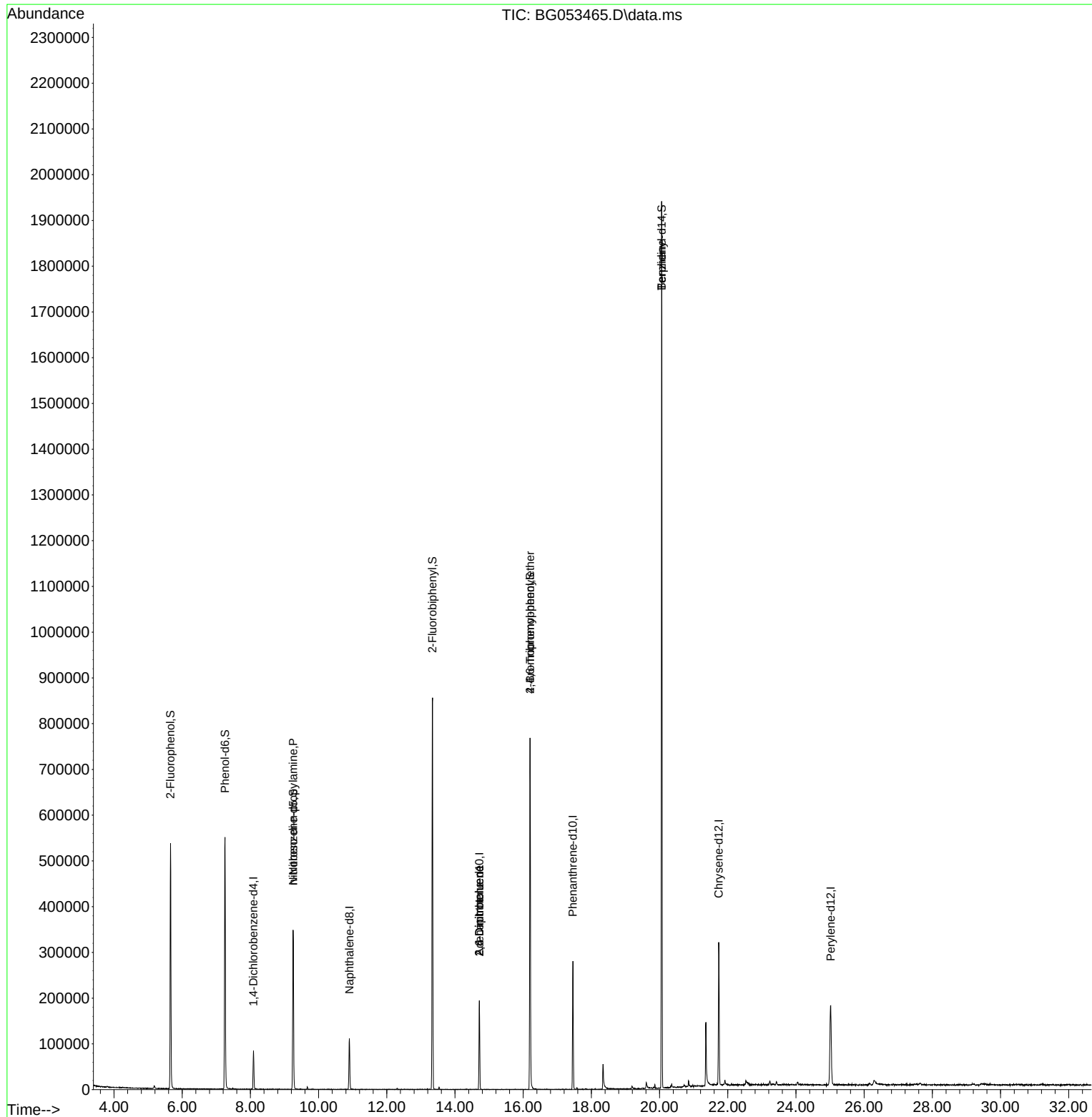
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	23100	20.000	ng	-0.01
21) Naphthalene-d8	10.902	136	91957	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	69094	20.000	ng	0.00
64) Phenanthrene-d10	17.458	188	178637	20.000	ng	-0.01
76) Chrysene-d12	21.734	240	199133	20.000	ng	-0.01
86) Perylene-d12	25.018	264	201677	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	216075	158.748	ng	-0.01
7) Phenol-d6	7.254	99	311150	150.626	ng	0.00
23) Nitrobenzene-d5	9.251	82	221322	102.454	ng	-0.01
42) 2,4,6-Tribromophenol	16.201	330	158621	155.655	ng	-0.01
45) 2-Fluorobiphenyl	13.340	172	461911	97.690	ng	0.00
79) Terphenyl-d14	20.060	244	967498	90.489	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.251	70	30536	20.603	ng	# 76
51) 2,6-Dinitrotoluene	14.714	165	9231	8.630	ng	# 16
57) 2,4-Dinitrotoluene	14.714	165	9231	5.953	ng	# 21
67) 4-Bromophenyl-phenylether	16.201	248	10393	4.982	ng	# 1
77) Benzidine	20.060	184	16235	3.783	ng	# 88

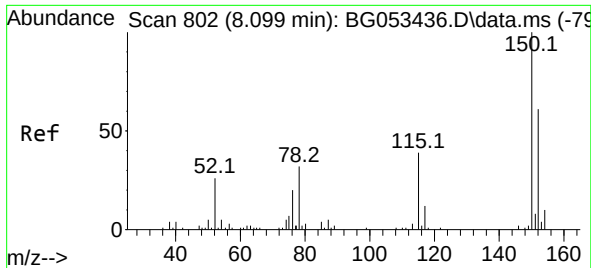
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
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Misc :
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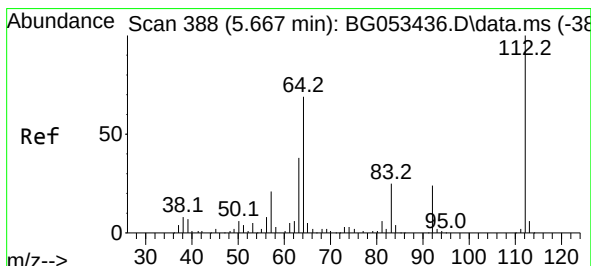
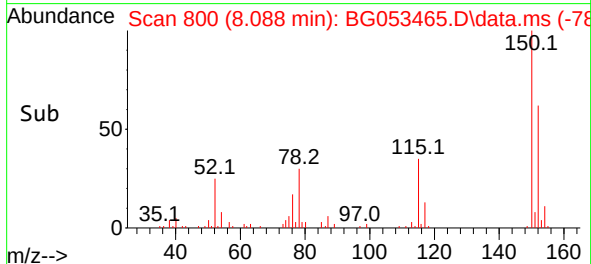
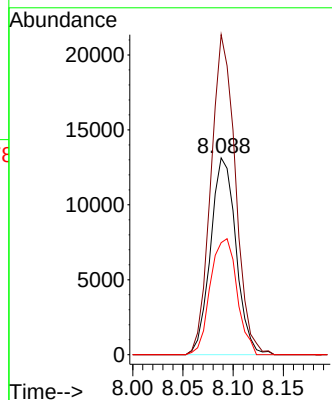
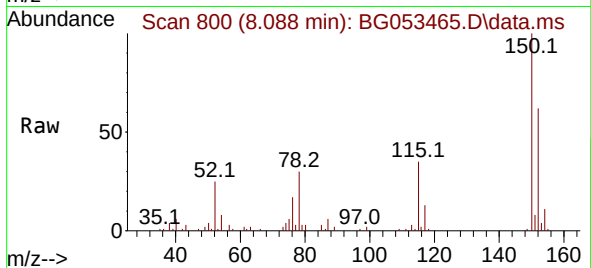




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

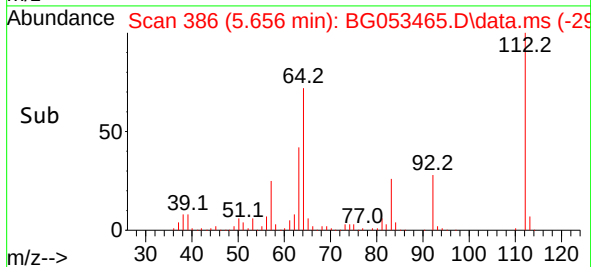
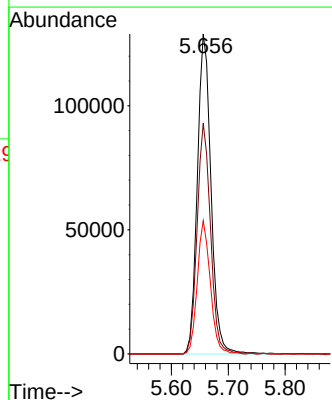
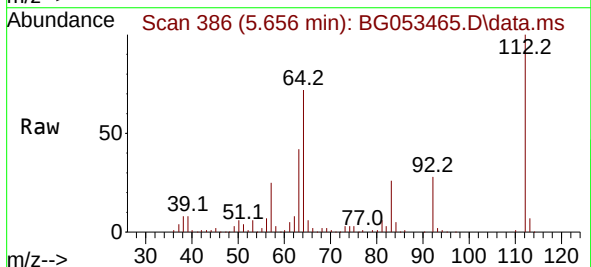
Instrument :
BNA_G
ClientSampleId :
SB-7,6

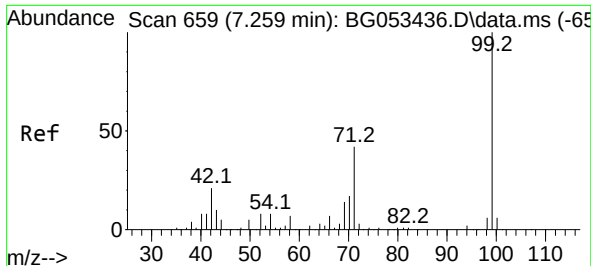
Tgt Ion:152 Resp: 23100
Ion Ratio Lower Upper
152 100
150 162.6 131.6 197.4
115 56.9 50.9 76.3



#5
2-Fluorophenol
Concen: 158.748 ng
RT: 5.656 min Scan# 386
Delta R.T. -0.011 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

Tgt Ion:112 Resp: 216075
Ion Ratio Lower Upper
112 100
64 72.1 55.1 82.7
63 41.6 30.4 45.6

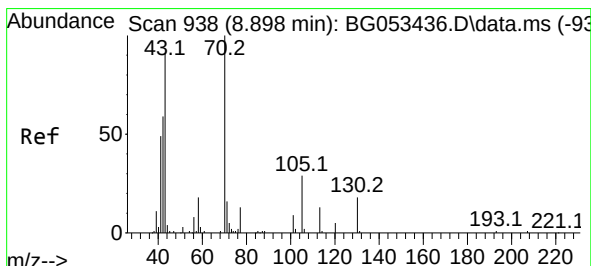
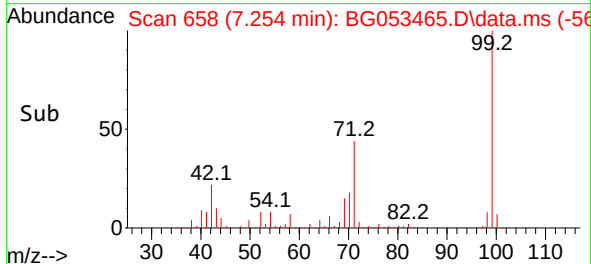
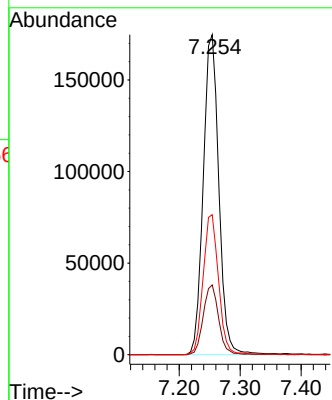
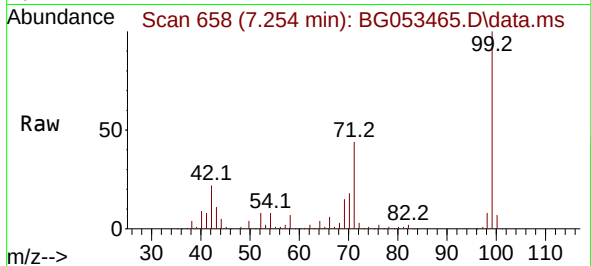




#7
Phenol-d6
Concen: 150.626 ng
RT: 7.254 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

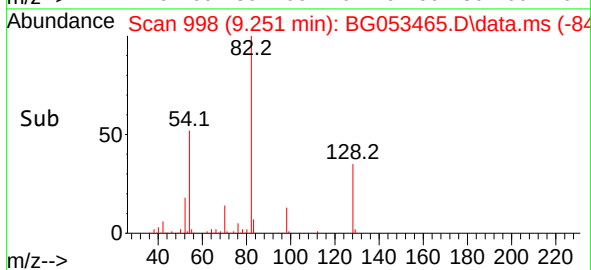
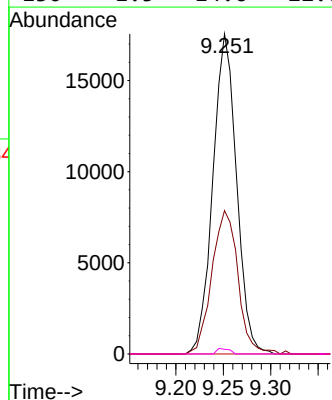
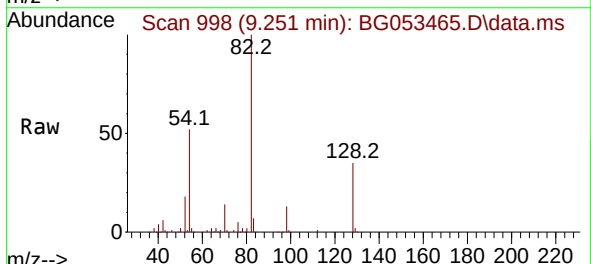
Instrument :
BNA_G
ClientSampleId :
SB-7,6

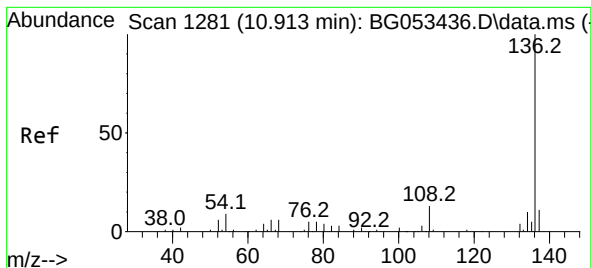
Tgt Ion: 99 Resp: 311150
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 43.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.603 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.354 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

Tgt Ion: 70 Resp: 30536
Ion Ratio Lower Upper
70 100
42 44.8 47.3 70.9#
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.902 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG053465.D

Acq: 6 May 2022 00:27

Instrument :

BNA_G

ClientSampleId :

SB-7,6

Tgt Ion:136 Resp: 91957

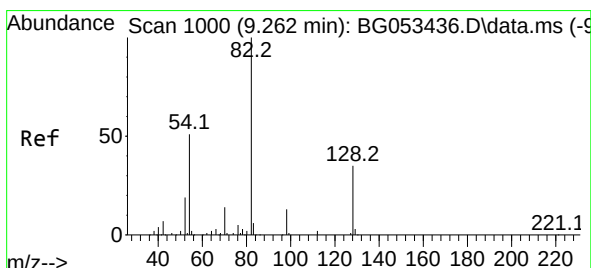
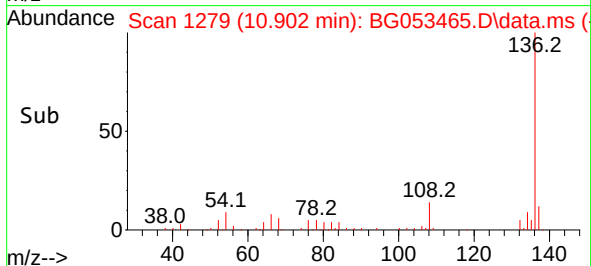
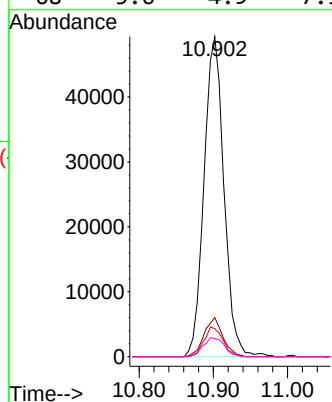
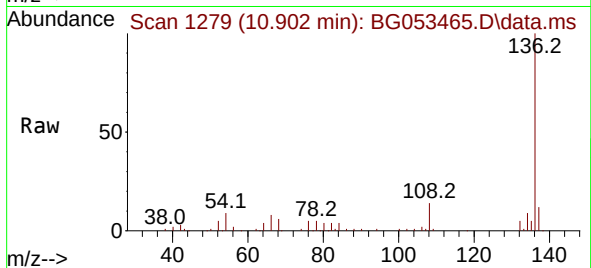
Ion Ratio Lower Upper

136 100

137 12.2 8.5 12.7

54 8.8 7.4 11.2

68 5.6 4.9 7.3



#23

Nitrobenzene-d5

Concen: 102.454 ng

RT: 9.251 min Scan# 998

Delta R.T. -0.011 min

Lab File: BG053465.D

Acq: 6 May 2022 00:27

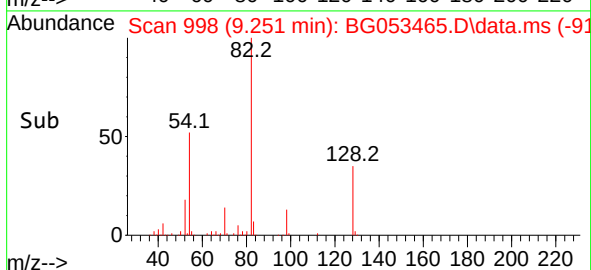
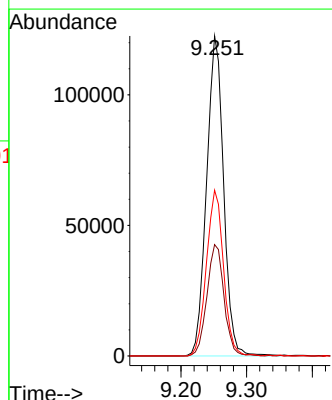
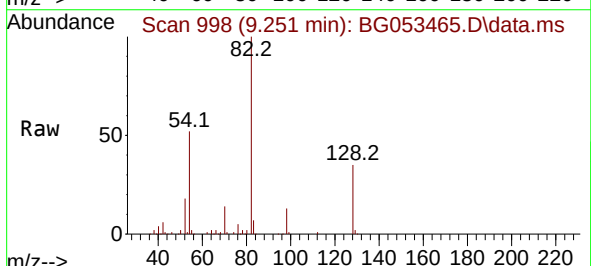
Tgt Ion: 82 Resp: 221322

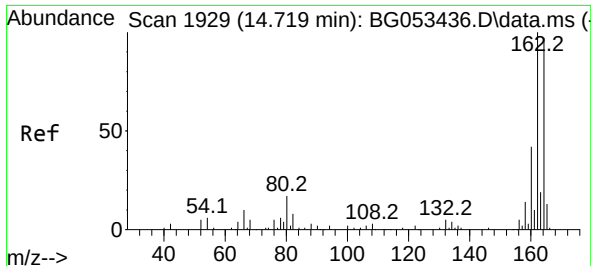
Ion Ratio Lower Upper

82 100

128 34.8 27.9 41.9

54 51.8 41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.714 min Scan# 1928

Delta R.T. -0.005 min

Lab File: BG053465.D

Acq: 6 May 2022 00:27

Instrument :

BNA_G

ClientSampleId :

SB-7,6

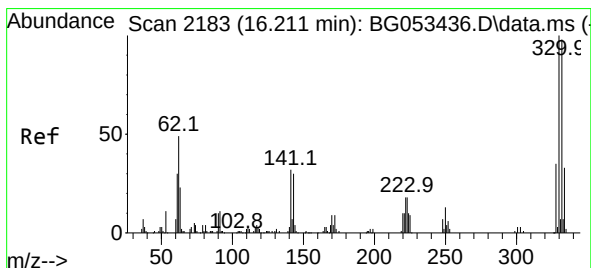
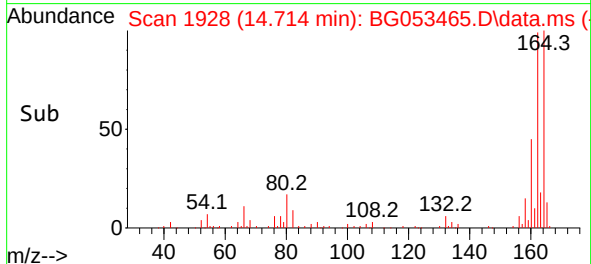
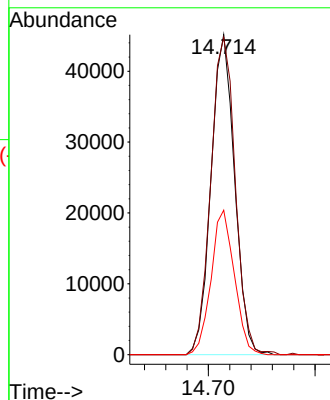
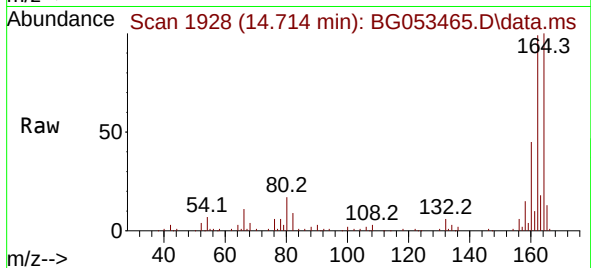
Tgt Ion:164 Resp: 69094

Ion Ratio Lower Upper

164 100

162 99.1 82.3 123.5

160 45.1 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 155.655 ng

RT: 16.201 min Scan# 2181

Delta R.T. -0.010 min

Lab File: BG053465.D

Acq: 6 May 2022 00:27

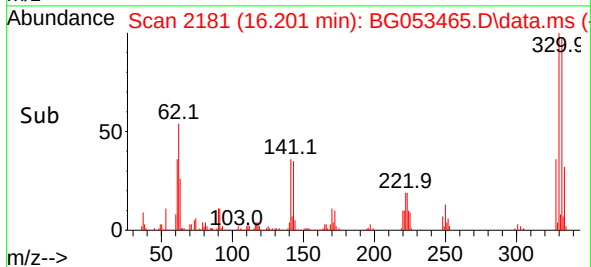
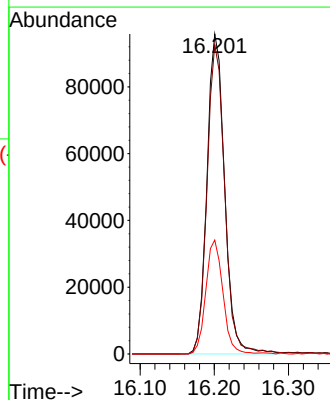
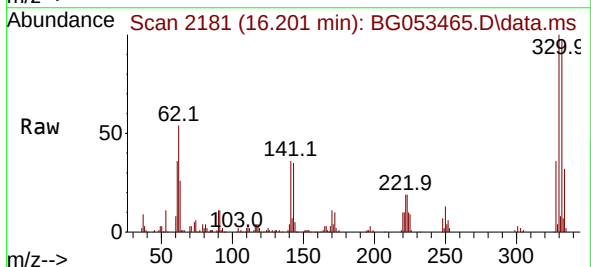
Tgt Ion:330 Resp: 158621

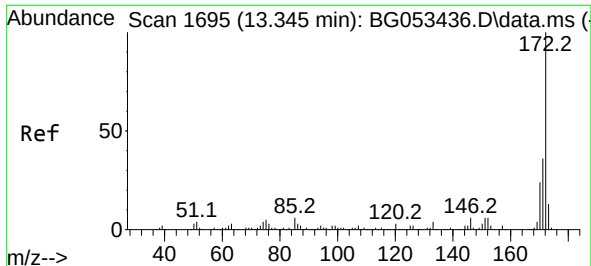
Ion Ratio Lower Upper

330 100

332 97.0 76.0 114.0

141 34.5 27.1 40.7

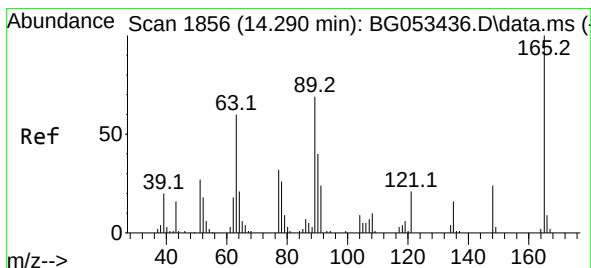
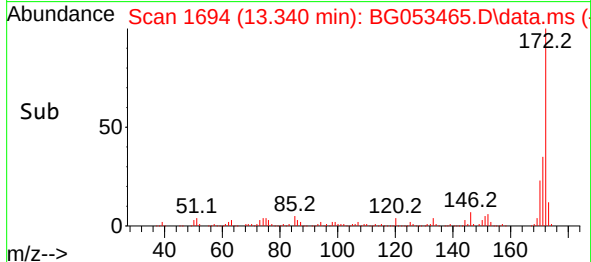
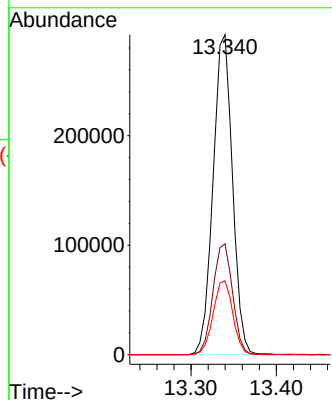
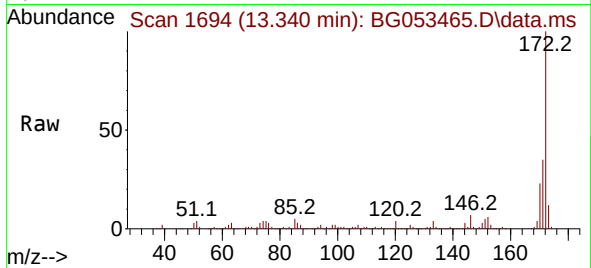




#45
2-Fluorobiphenyl
Concen: 97.690 ng
RT: 13.340 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

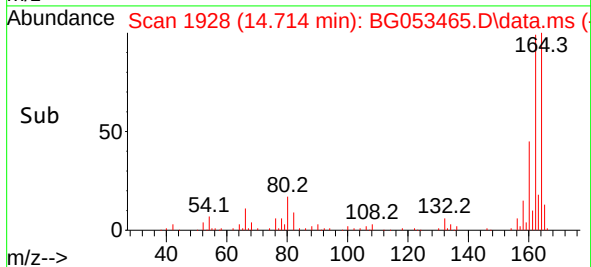
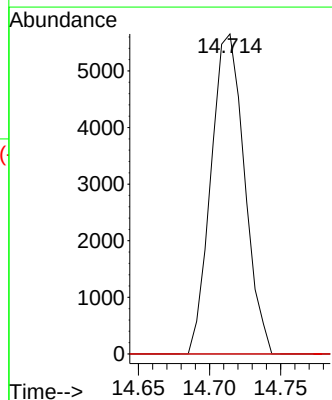
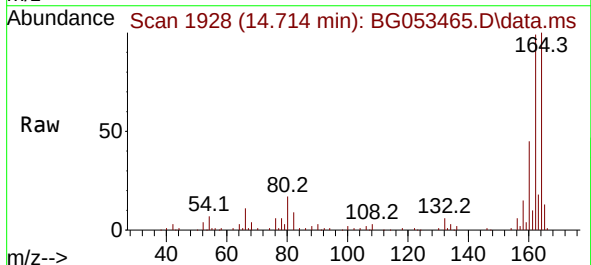
Instrument :
BNA_G
ClientSampleId :
SB-7,6

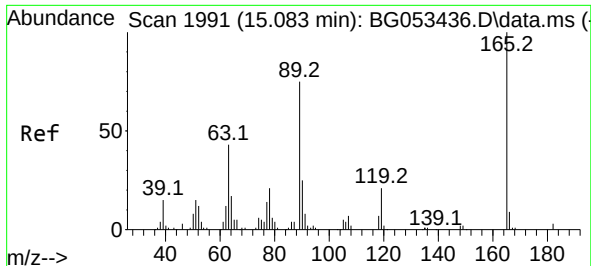
Tgt Ion:172 Resp: 461911
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.1 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.630 ng
RT: 14.714 min Scan# 1928
Delta R.T. 0.424 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

Tgt Ion:165 Resp: 9231
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

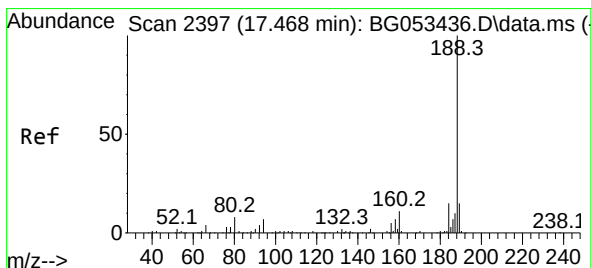
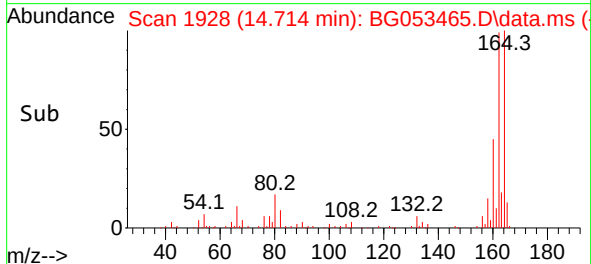
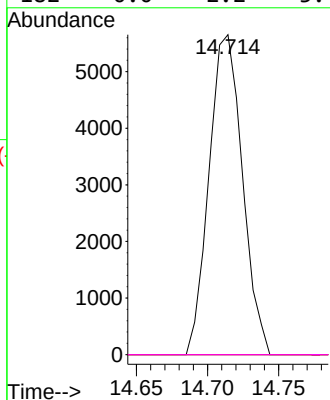
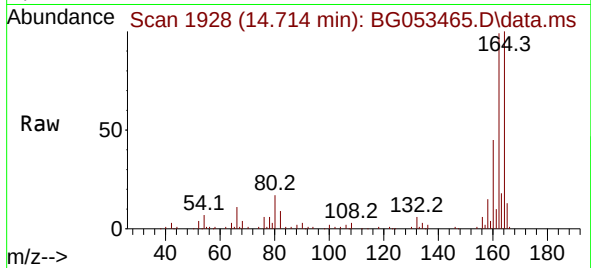




#57
2,4-Dinitrotoluene
Concen: 5.953 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.369 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

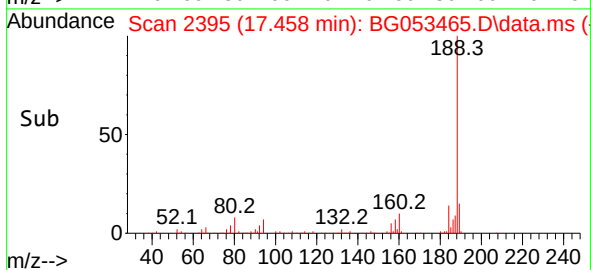
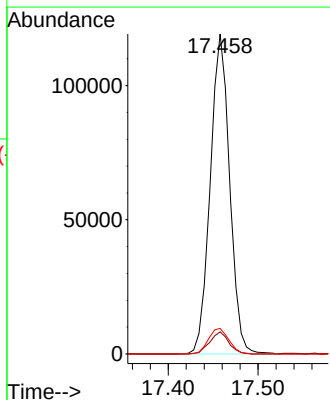
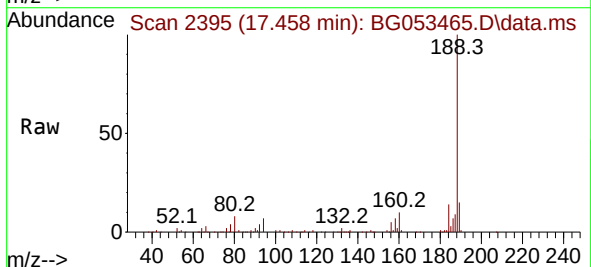
Instrument :
BNA_G
ClientSampleId :
SB-7,6

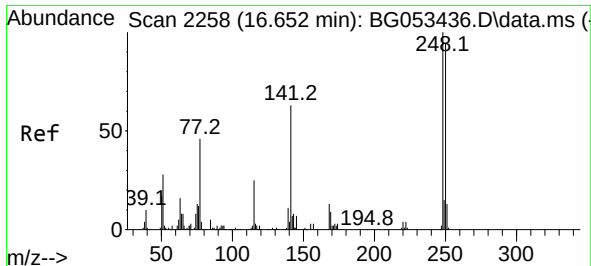
Tgt Ion:165 Resp: 9231
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.458 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

Tgt Ion:188 Resp: 178637
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 8.0 6.8 10.2

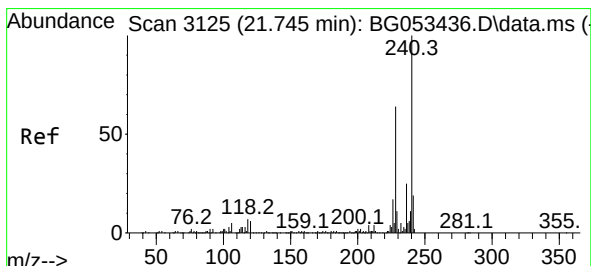
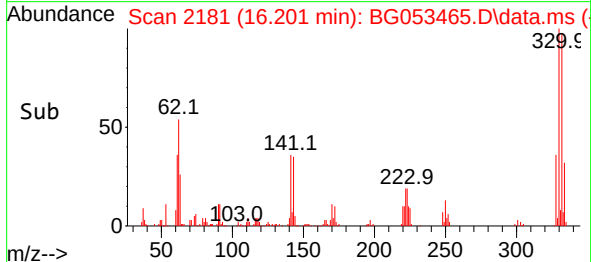
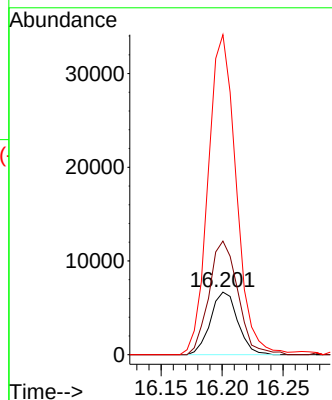
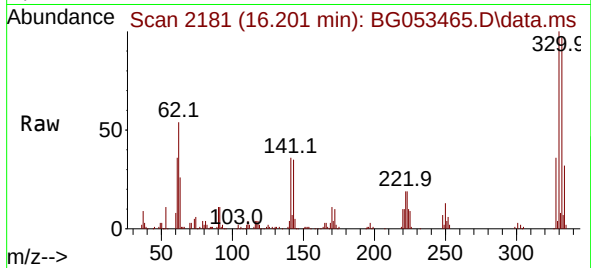




#67
4-Bromophenyl-phenylether
Concen: 4.982 ng
RT: 16.201 min Scan# 211
Delta R.T. -0.451 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

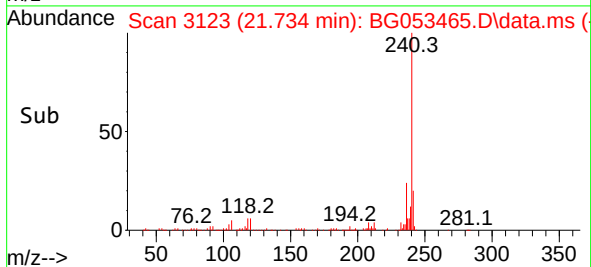
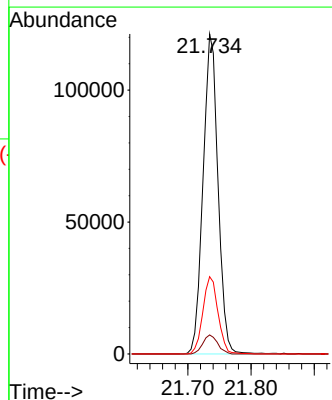
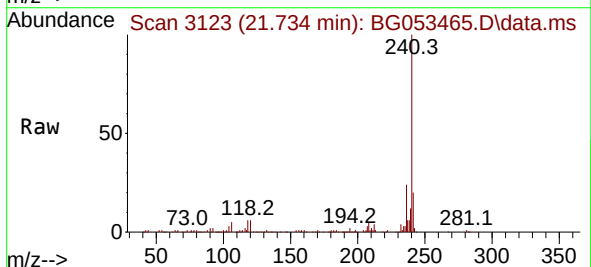
Instrument :
BNA_G
ClientSampleId :
SB-7,6

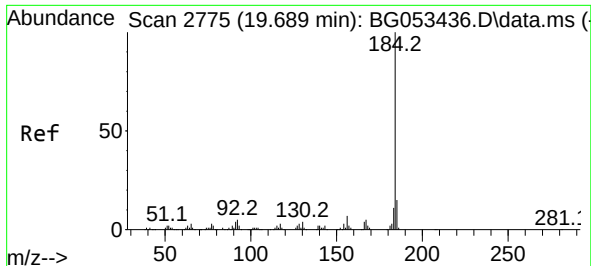
Tgt Ion:248 Resp: 10393
Ion Ratio Lower Upper
248 100
250 181.6 75.2 112.8#
141 511.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

Tgt Ion:240 Resp: 199133
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 24.1 20.2 30.4

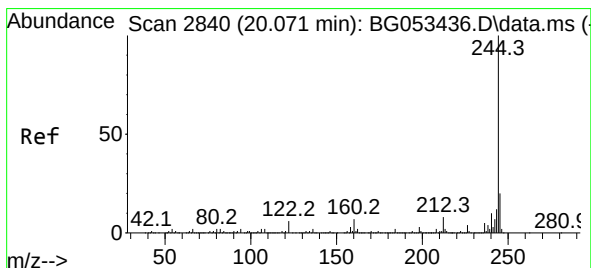
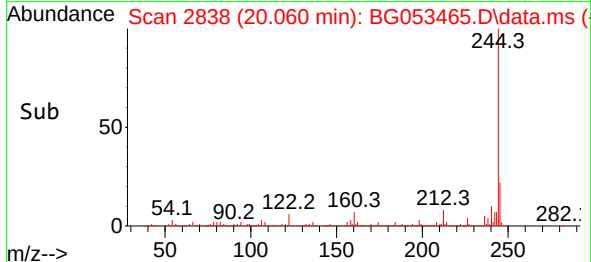
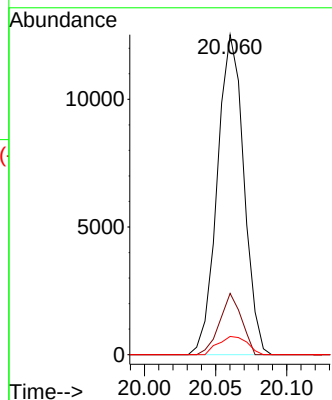
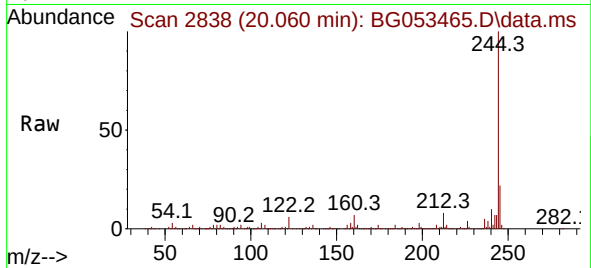




#77
Benzidine
Concen: 3.783 ng
RT: 20.060 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

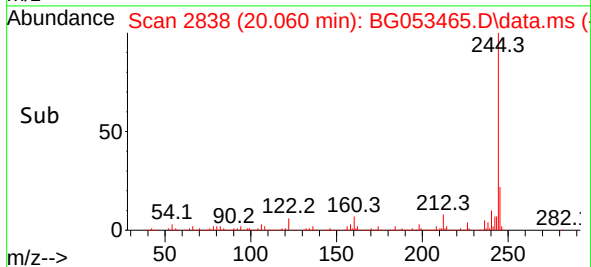
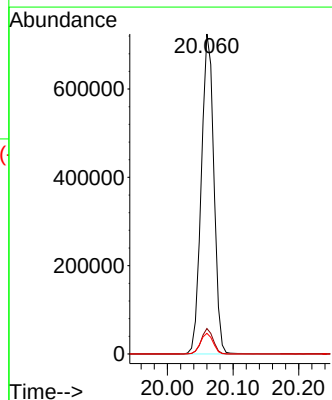
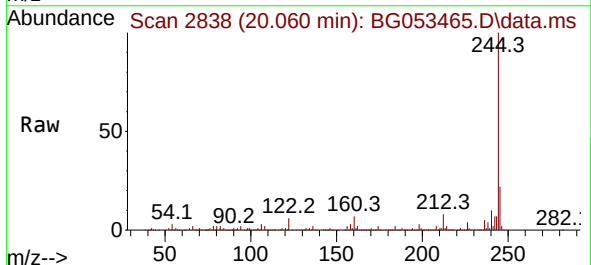
Instrument :
BNA_G
ClientSampleId :
SB-7,6

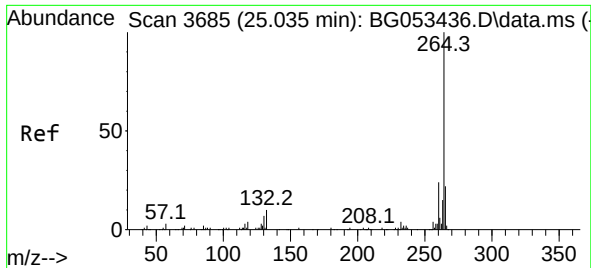
Tgt Ion:184 Resp: 16235
Ion Ratio Lower Upper
184 100
185 19.1 11.8 17.6#
183 5.7 8.9 13.3#



#79
Terphenyl-d14
Concen: 90.489 ng
RT: 20.060 min Scan# 2838
Delta R.T. -0.011 min
Lab File: BG053465.D
Acq: 6 May 2022 00:27

Tgt Ion:244 Resp: 967498
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 6.4 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.018 min Scan# 30
 Delta R.T. -0.017 min
 Lab File: BG053465.D
 Acq: 6 May 2022 00:27

Instrument :
 BNA_G
 ClientSampleId :
 SB-7,6

Tgt Ion:264 Resp: 201677
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 23.4 17.4 26.2

