

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112221\
 Data File : BG051172.D
 Acq On : 22 Nov 2021 16:10
 Operator : CG/JU
 Sample : M4770-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CC-2

Quant Time: Nov 22 17:18:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

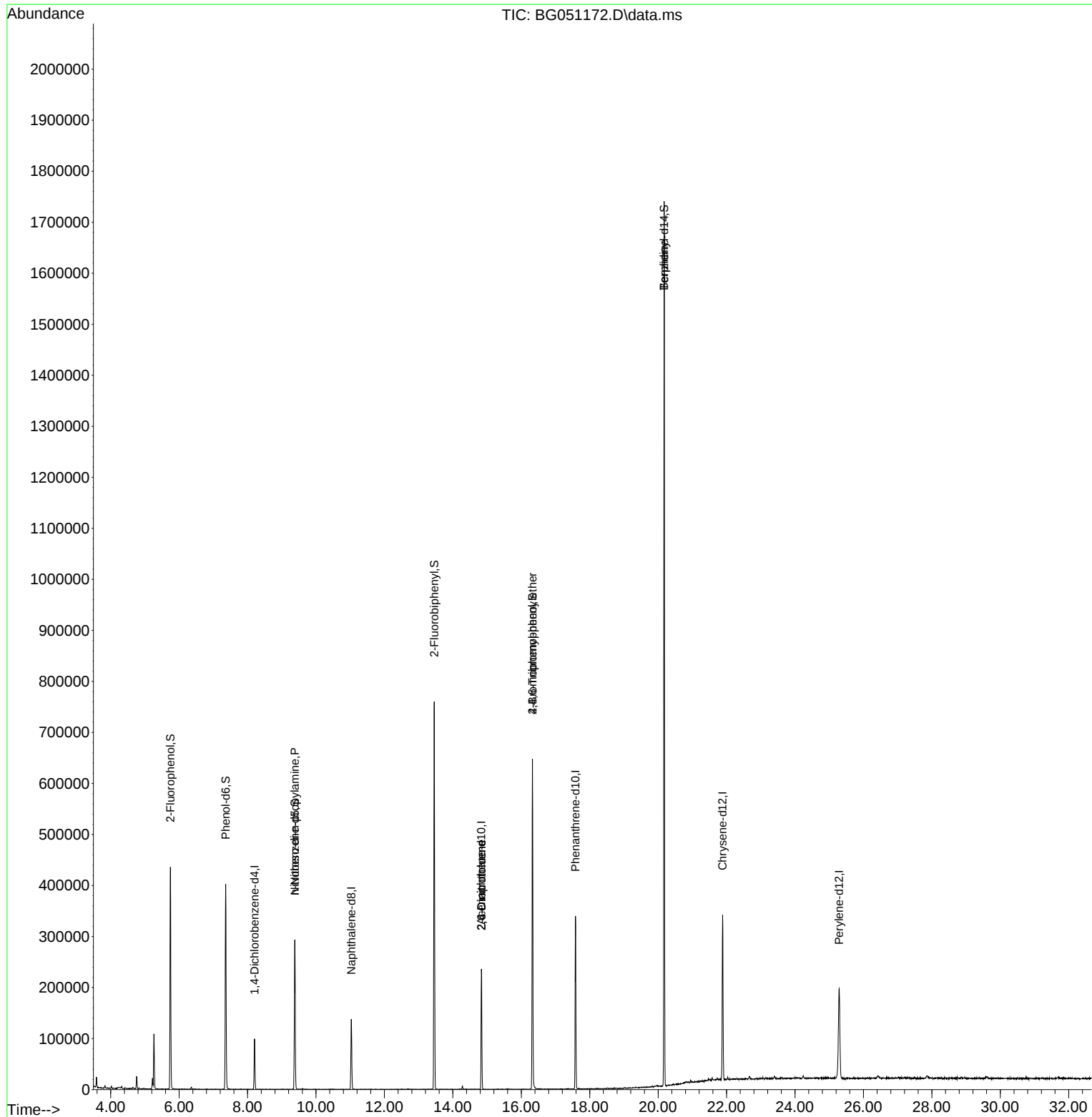
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	28064	20.000	ng	-0.01
21) Naphthalene-d8	11.032	136	118987	20.000	ng	# 0.00
39) Acenaphthene-d10	14.834	164	85319	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	215415	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	199659	20.000	ng	# 0.00
86) Perylene-d12	25.286	264	194495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	188190	103.660	ng	0.00
7) Phenol-d6	7.360	99	234872	91.856	ng	0.00
23) Nitrobenzene-d5	9.381	82	192839	73.981	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	107696	118.761	ng	0.00
45) 2-Fluorobiphenyl	13.459	172	392606	69.437	ng	0.00
79) Terphenyl-d14	20.175	244	805164	73.722	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.381	70	26559	14.072	ng	# 69
51) 2,6-Dinitrotoluene	14.840	165	10944	7.971	ng	# 13
57) 2,4-Dinitrotoluene	14.840	165	10944	5.565	ng	# 18
67) 4-Bromophenyl-phenylether	16.326	248	8170	3.507	ng	# 1
77) Benzidine	20.175	184	13834	4.220	ng	# 92

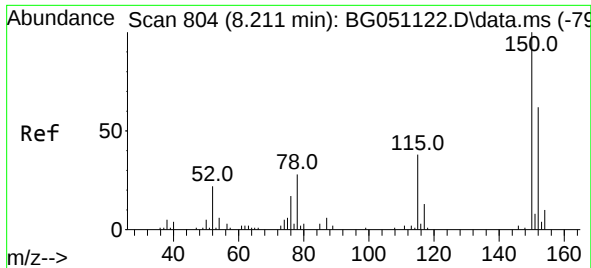
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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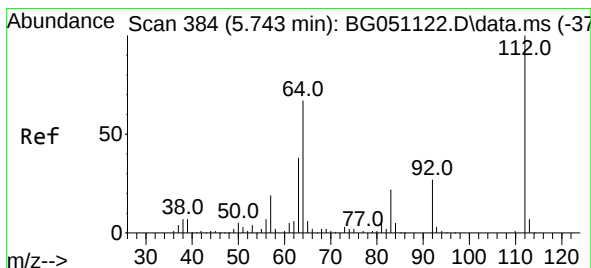
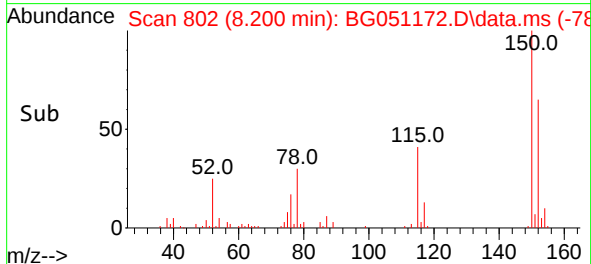
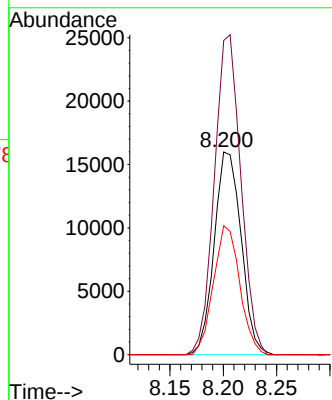
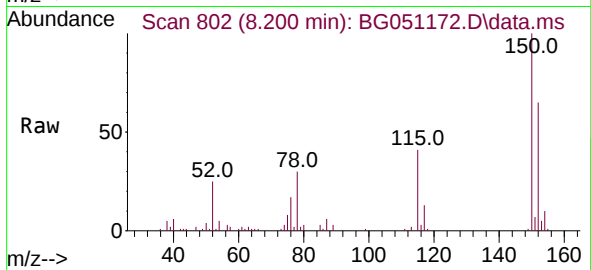




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 804
Delta R.T. -0.011 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

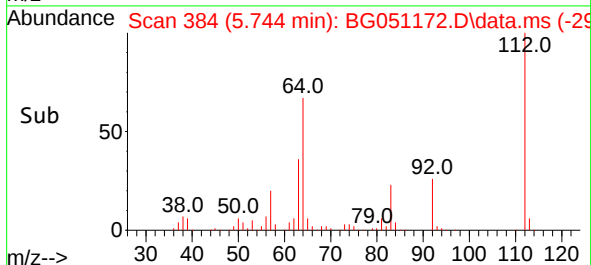
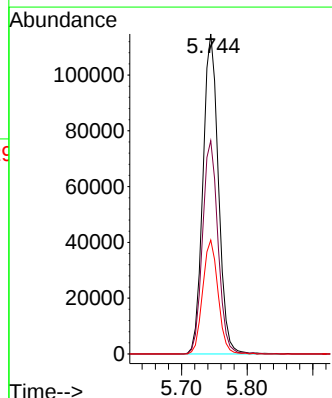
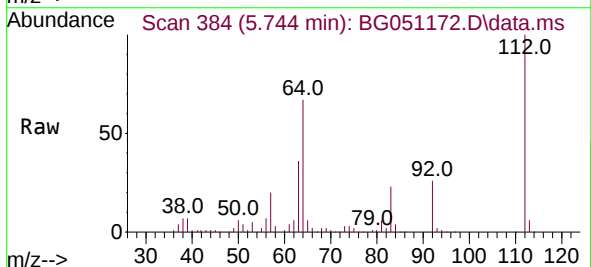
Instrument :
BNA_G
ClientSampleId :
CC-2

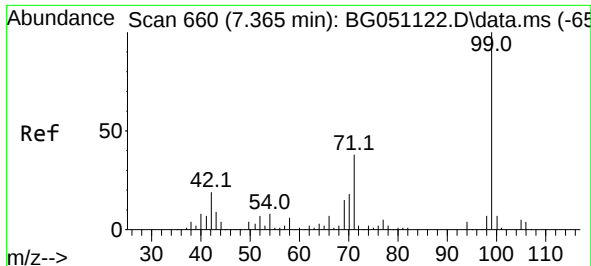
Tgt Ion:152 Resp: 28064
Ion Ratio Lower Upper
152 100
150 155.0 119.4 179.0
115 63.6 60.2 90.4



#5
2-Fluorophenol
Concen: 103.660 ng
RT: 5.744 min Scan# 384
Delta R.T. 0.001 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

Tgt Ion:112 Resp: 188190
Ion Ratio Lower Upper
112 100
64 66.6 46.7 70.1
63 35.6 35.3 52.9

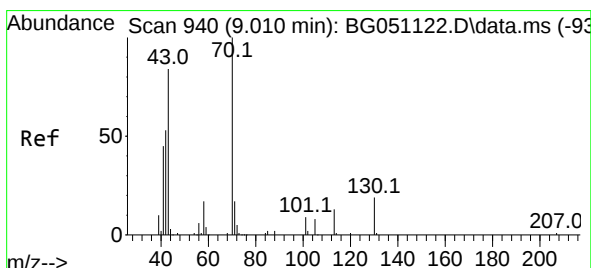
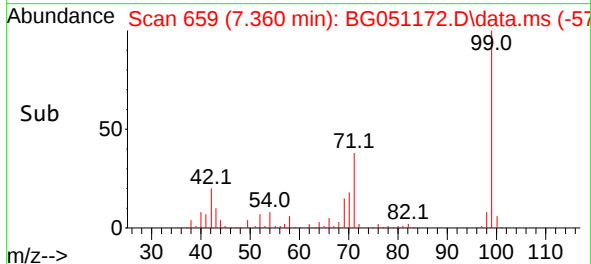
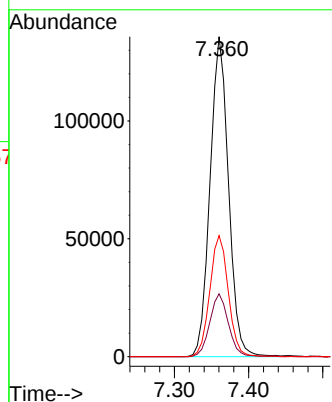
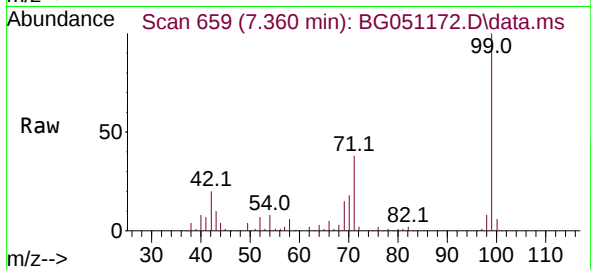




#7
Phenol-d6
Concen: 91.856 ng
RT: 7.360 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

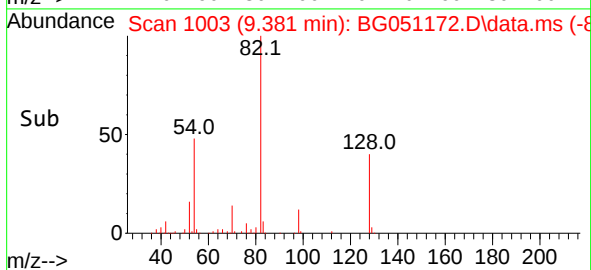
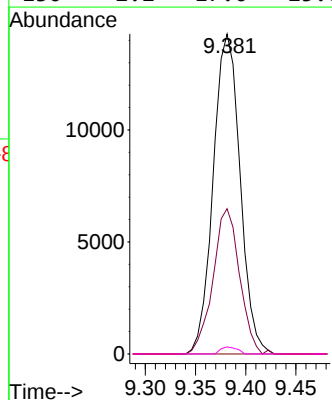
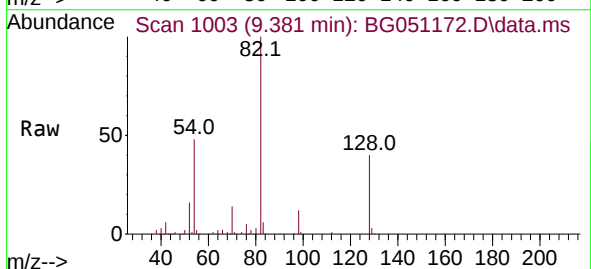
Instrument :
BNA_G
ClientSampleId :
CC-2

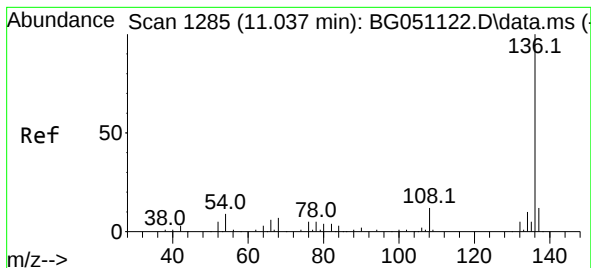
Tgt Ion: 99 Resp: 234872
Ion Ratio Lower Upper
99 100
42 19.6 20.5 30.7#
71 37.8 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.072 ng
RT: 9.381 min Scan# 1003
Delta R.T. 0.371 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

Tgt Ion: 70 Resp: 26559
Ion Ratio Lower Upper
70 100
42 45.4 54.5 81.7#
101 0.0 9.0 13.6#
130 2.2 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.032 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG051172.D

Acq: 22 Nov 2021 16:10

Instrument :

BNA_G

ClientSampleId :

CC-2

Tgt Ion:136 Resp: 118987

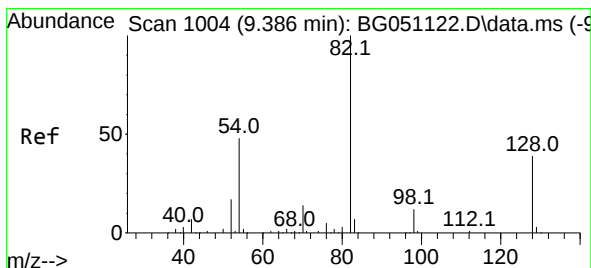
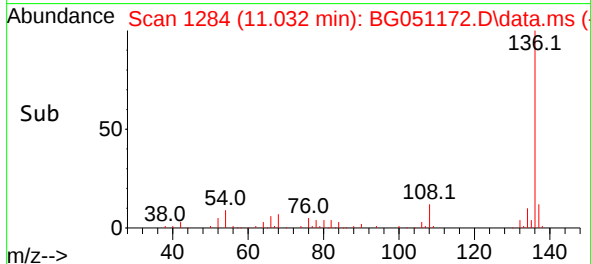
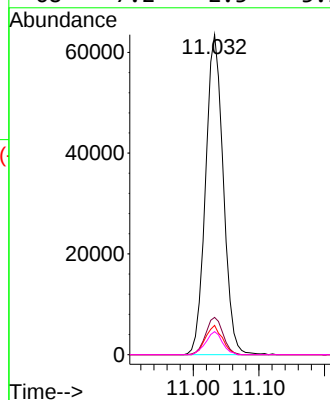
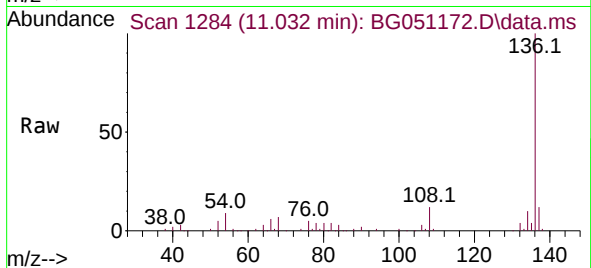
Ion Ratio Lower Upper

136 100

137 11.7 8.2 12.2

54 9.2 5.5 8.3#

68 7.2 2.3 3.5#



#23

Nitrobenzene-d5

Concen: 73.981 ng

RT: 9.381 min Scan# 1003

Delta R.T. -0.005 min

Lab File: BG051172.D

Acq: 22 Nov 2021 16:10

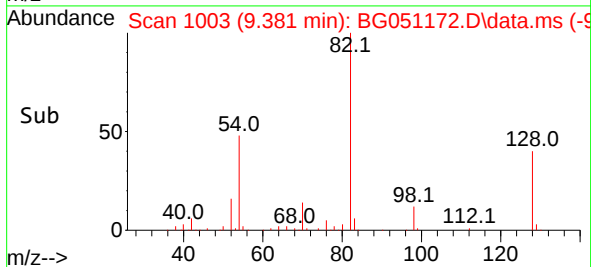
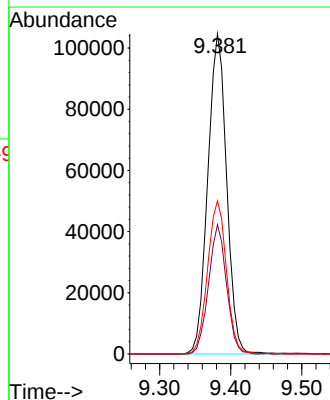
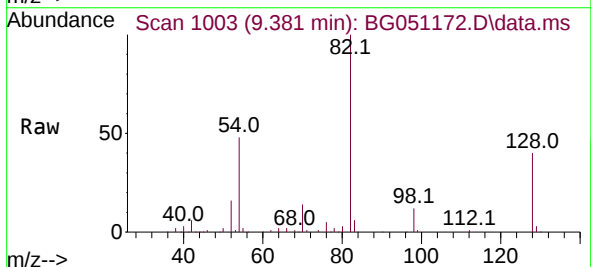
Tgt Ion: 82 Resp: 192839

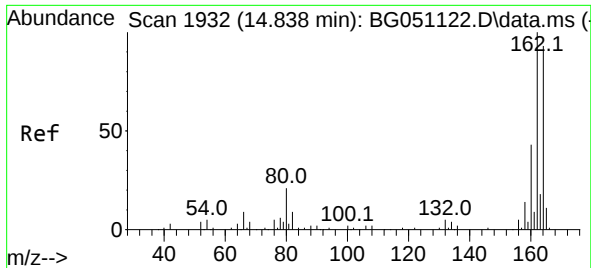
Ion Ratio Lower Upper

82 100

128 40.4 29.8 44.6

54 47.8 45.8 68.8

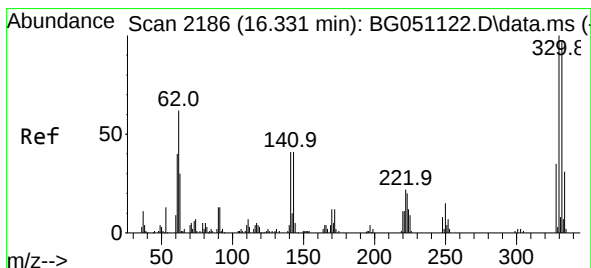
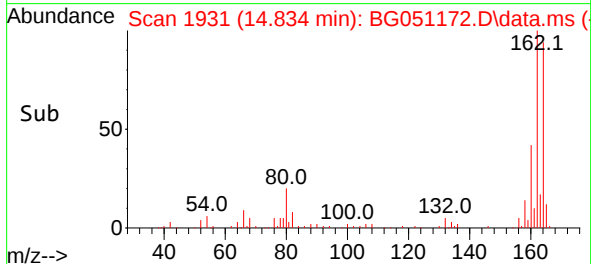
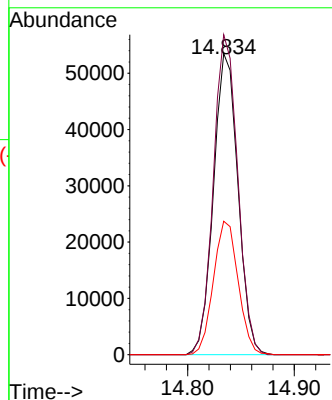
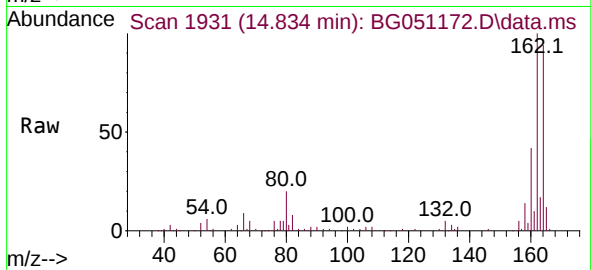




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.834 min Scan# 1931
Delta R.T. -0.004 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

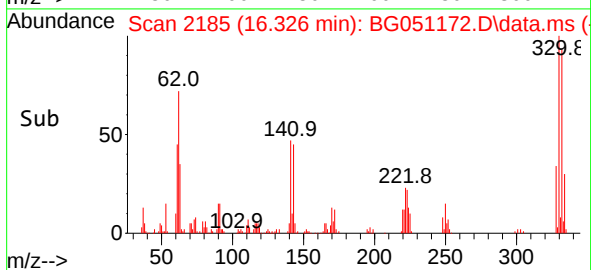
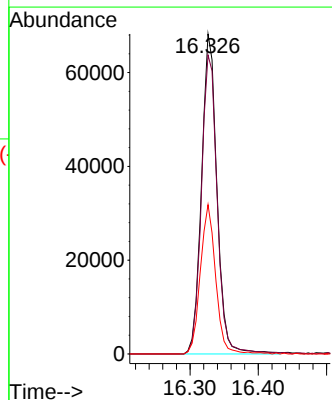
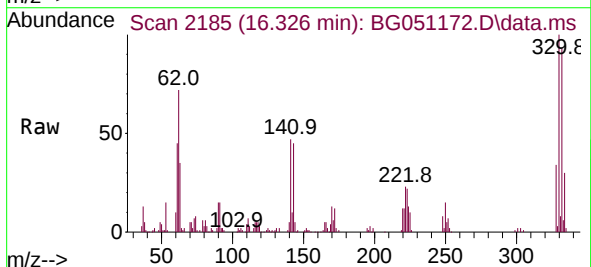
Instrument :
BNA_G
ClientSampleId :
CC-2

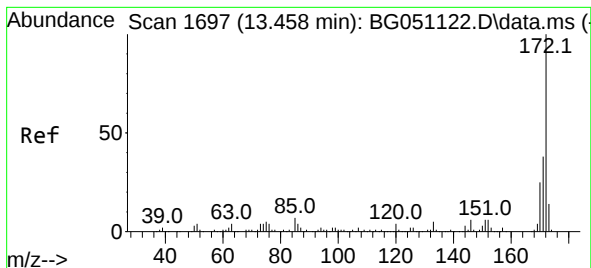
Tgt Ion:164 Resp: 85319
Ion Ratio Lower Upper
164 100
162 106.3 81.4 122.0
160 44.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 118.761 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.005 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

Tgt Ion:330 Resp: 107696
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 46.2 35.6 53.4

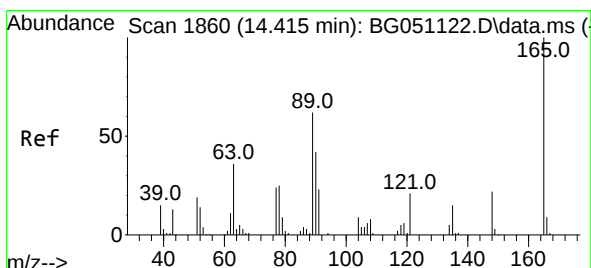
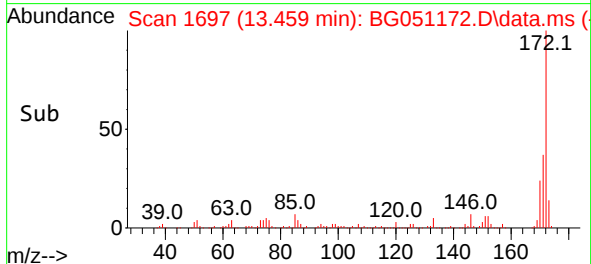
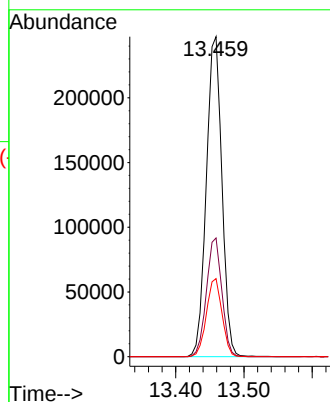
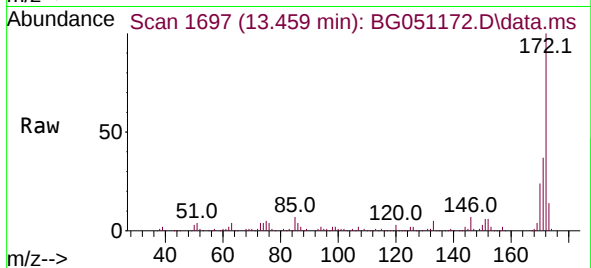




#45
2-Fluorobiphenyl
Concen: 69.437 ng
RT: 13.459 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

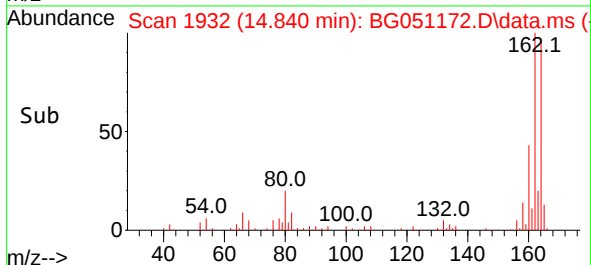
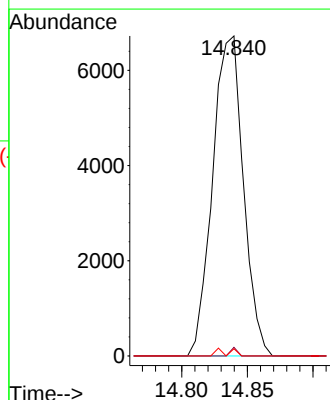
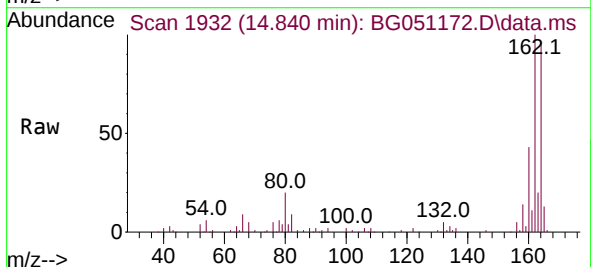
Instrument :
BNA_G
ClientSampleId :
CC-2

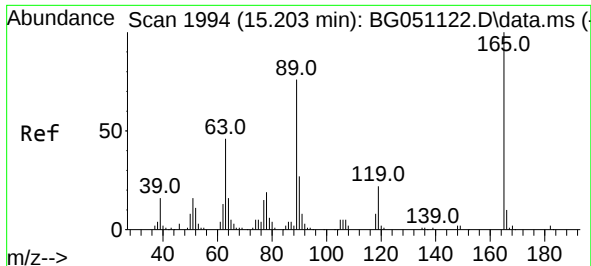
Tgt Ion:172 Resp: 392606
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 24.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.971 ng
RT: 14.840 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

Tgt Ion:165 Resp: 10944
Ion Ratio Lower Upper
165 100
63 2.7 63.3 94.9#
89 2.3 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.565 ng

RT: 14.840 min Scan# 1994

Delta R.T. -0.363 min

Lab File: BG051172.D

Acq: 22 Nov 2021 16:10

Instrument :

BNA_G

ClientSampleId :

CC-2

Tgt Ion:165 Resp: 10944

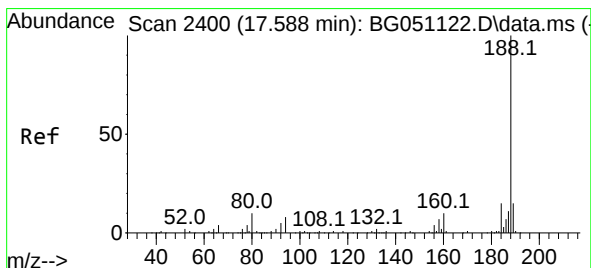
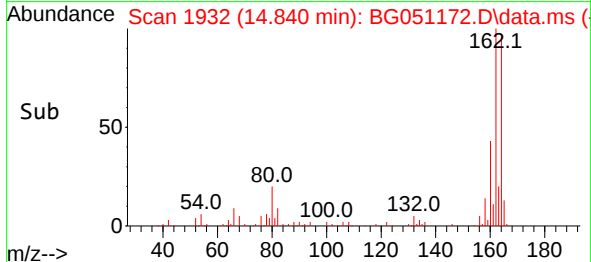
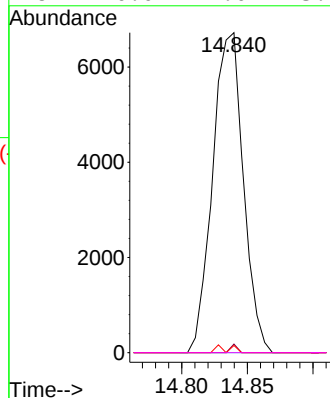
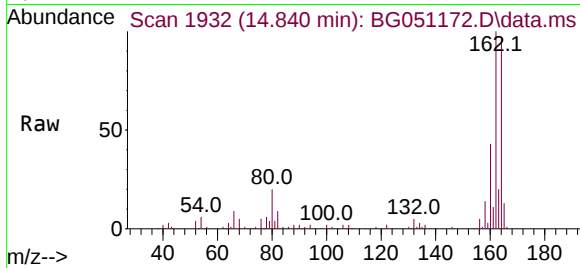
Ion Ratio Lower Upper

165 100

63 2.7 48.0 72.0#

89 2.3 65.4 98.0#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.584 min Scan# 2399

Delta R.T. -0.005 min

Lab File: BG051172.D

Acq: 22 Nov 2021 16:10

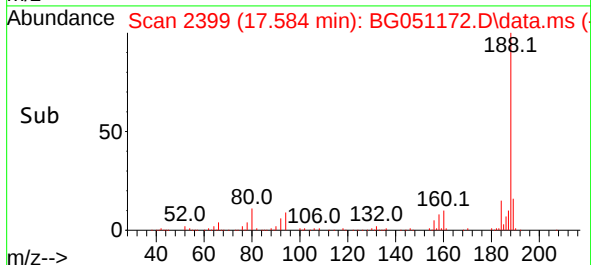
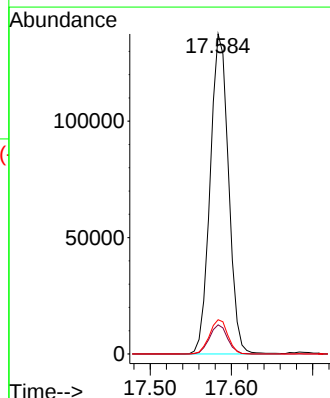
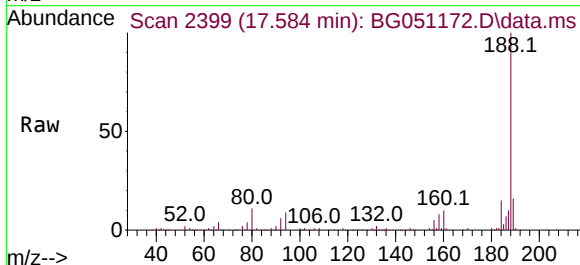
Tgt Ion:188 Resp: 215415

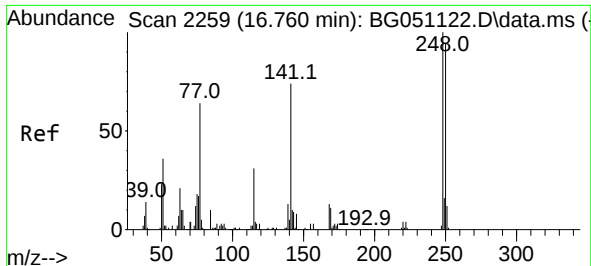
Ion Ratio Lower Upper

188 100

94 9.1 5.4 8.0#

80 10.7 3.7 5.5#

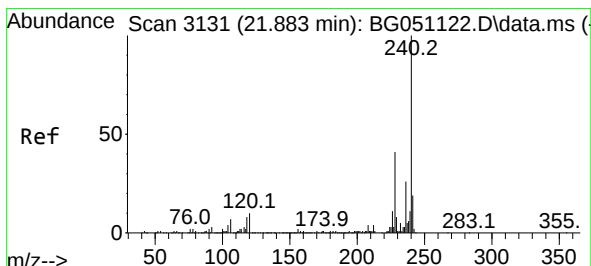
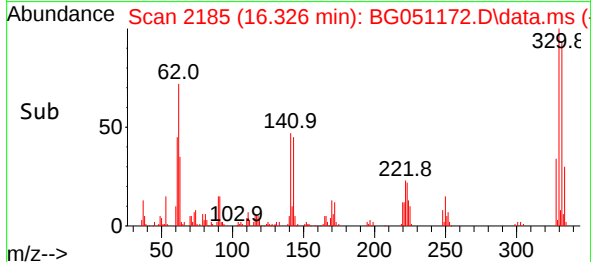
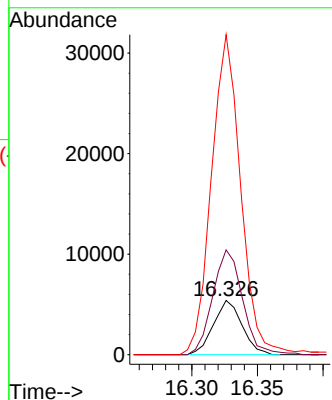
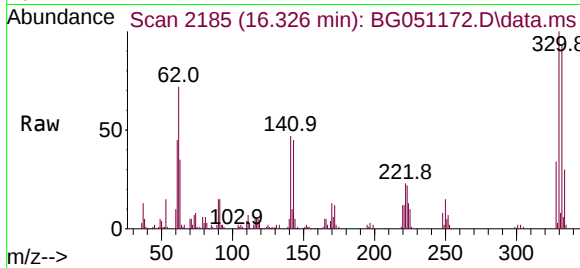




#67
4-Bromophenyl-phenylether
Concen: 3.507 ng
RT: 16.326 min Scan# 2185
Delta R.T. -0.434 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

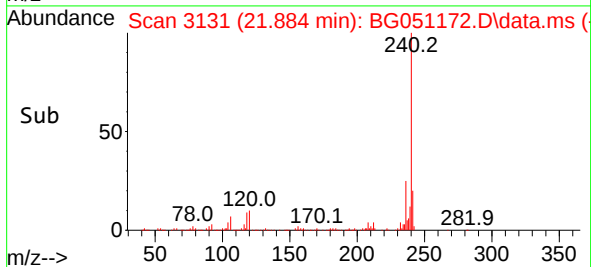
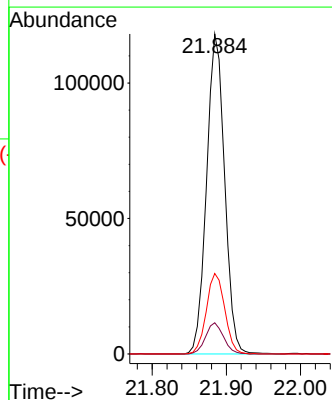
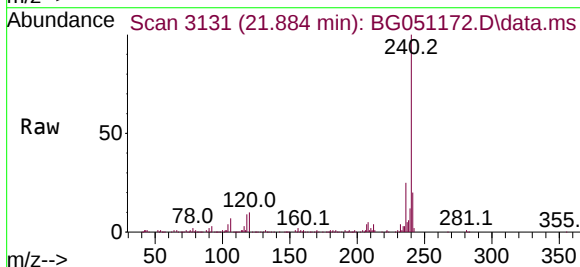
Instrument :
BNA_G
ClientSampleId :
CC-2

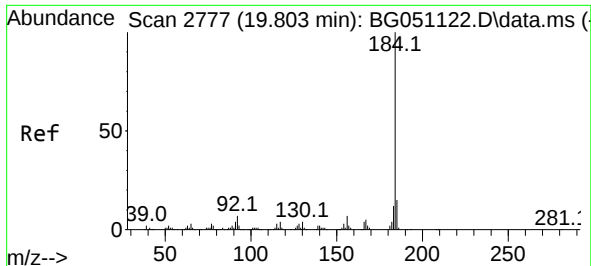
Tgt Ion:248 Resp: 8170
Ion Ratio Lower Upper
248 100
250 193.4 76.1 114.1#
141 590.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3131
Delta R.T. 0.001 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

Tgt Ion:240 Resp: 199659
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 25.2 21.8 32.6

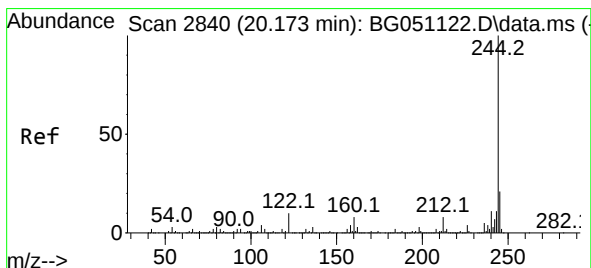
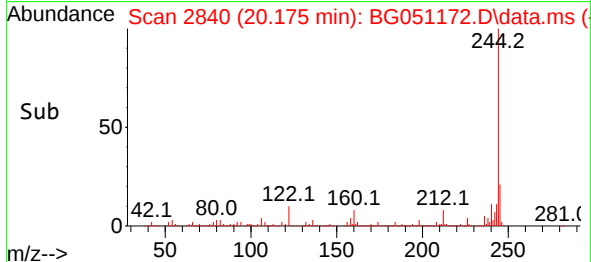
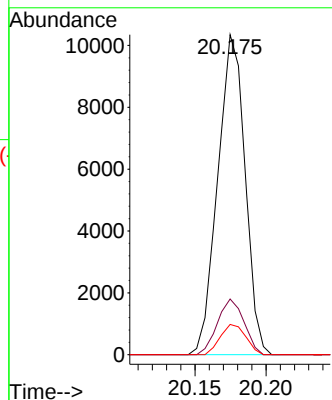
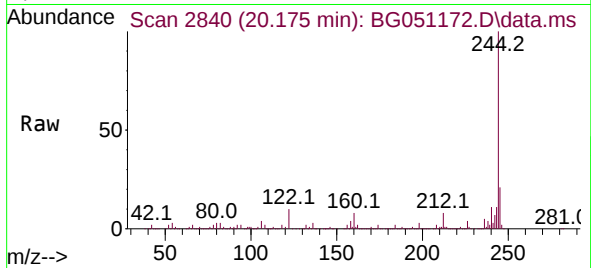




#77
Benzidine
Concen: 4.220 ng
RT: 20.175 min Scan# 2840
Delta R.T. 0.371 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

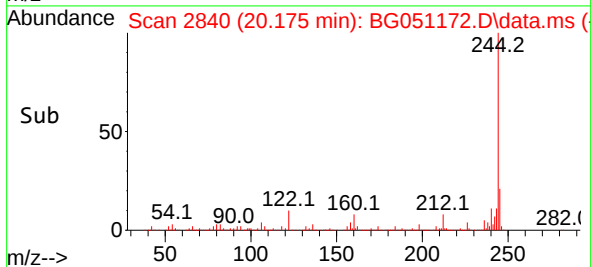
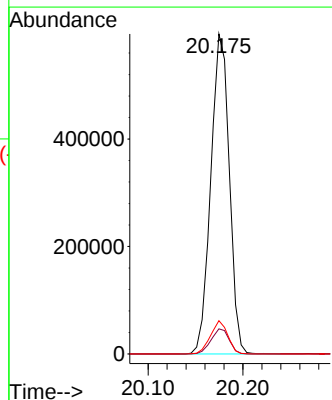
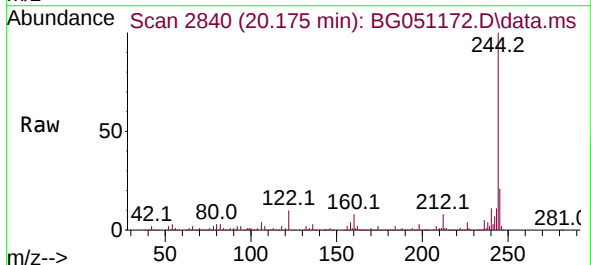
Instrument :
BNA_G
ClientSampleId :
CC-2

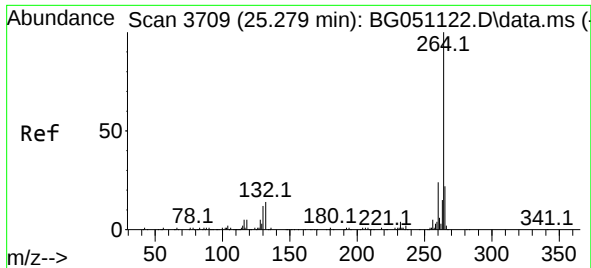
Tgt Ion:184 Resp: 13834
Ion Ratio Lower Upper
184 100
185 17.4 10.7 16.1#
183 9.4 9.4 14.0



#79
Terphenyl-d14
Concen: 73.722 ng
RT: 20.175 min Scan# 2840
Delta R.T. 0.001 min
Lab File: BG051172.D
Acq: 22 Nov 2021 16:10

Tgt Ion:244 Resp: 805164
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 10.4 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.286 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: BG051172.D
 Acq: 22 Nov 2021 16:10

Instrument :
 BNA_G
 ClientSampleId :
 CC-2

Tgt Ion:264 Resp: 194495
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.3 16.9 25.3

