

Data Path : S:\HPCHEM1\BNA_G\DATA\BG022916\
 Data File : BG021184.D
 Acq On : 1 Mar 2016 12:04
 Operator : UM/SJ
 Sample : H1521-03RE
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1+20(0-2)RE

Quant Time: Mar 01 13:47:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

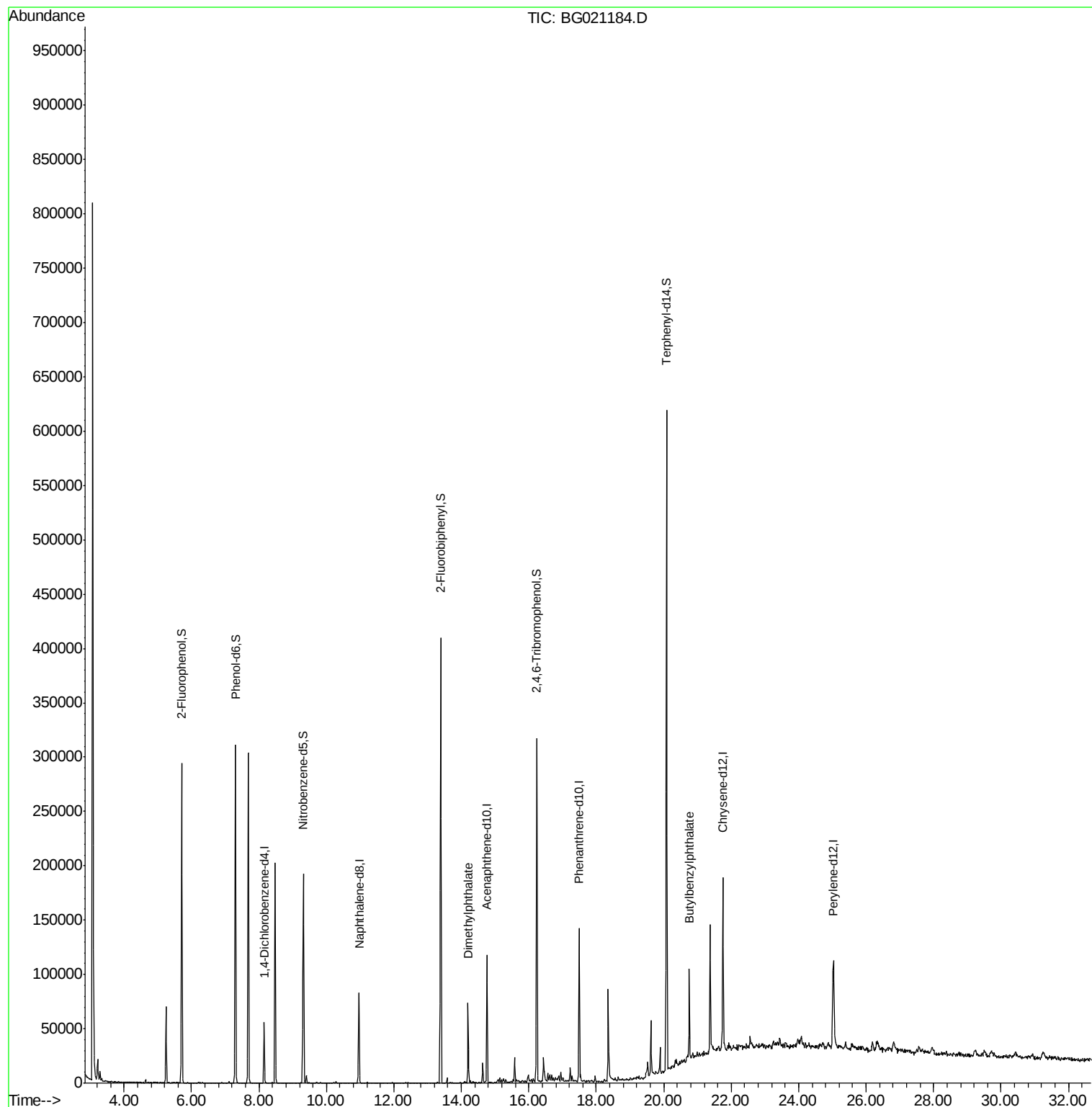
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	14543	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	66790	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	36125	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	75824	20.00	ng	0.00
75) Chrysene-d12	21.75	240	80992	20.00	ng	-0.01
86) Perylene-d12	25.03	264	74754	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	113658	124.24	ng	0.00
7) Phenol-d6	7.30	99	174820	116.22	ng	0.00
23) Nitrobenzene-d5	9.32	82	126240	79.98	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	42128	112.09	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	190399	74.84	ng	0.00
78) Terphenyl-d14	20.08	244	234716	70.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	39434	12.25	ng	# 99
79) Butylbenzylphthalate	20.76	149	23801	9.65	ng	# 89

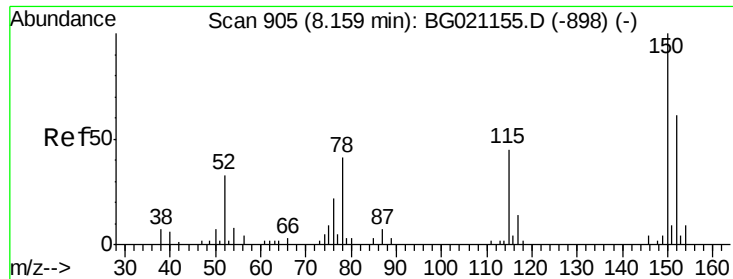
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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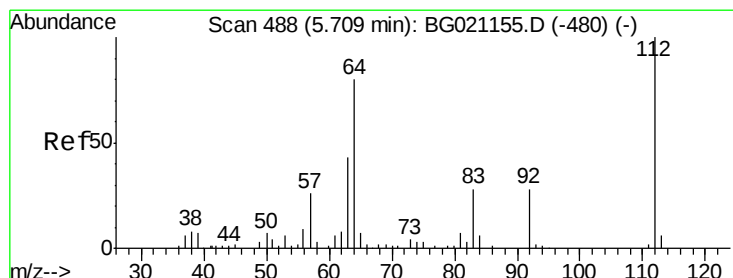
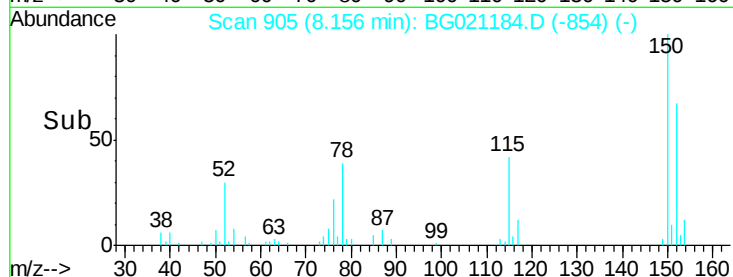
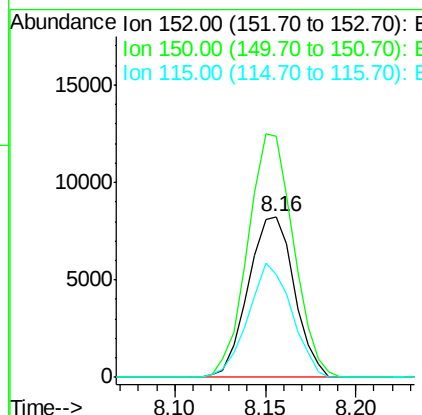
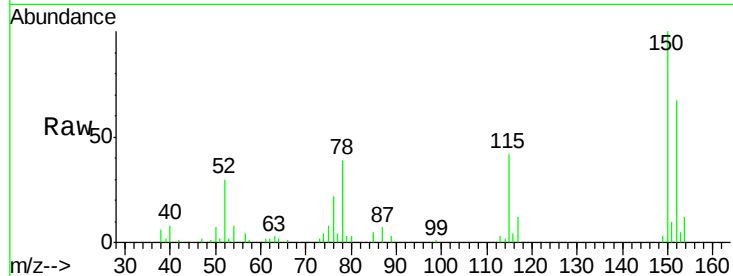




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.16 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BG021184.D
 Acq: 1 Mar 2016 12:04

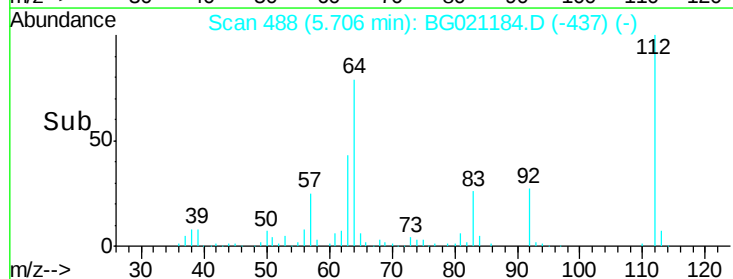
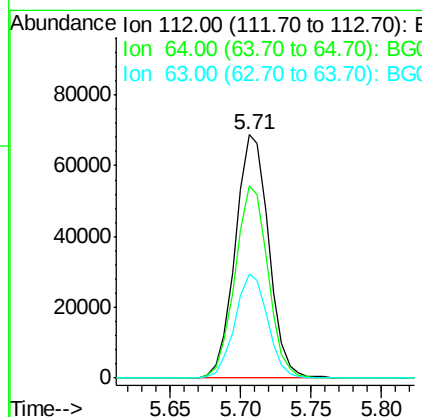
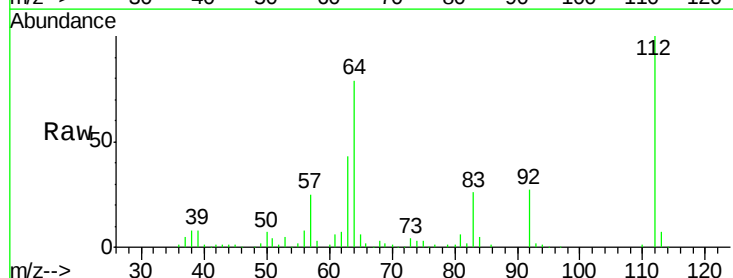
Instrument :
 BNA_G
 ClientSampleId :
 SP-1+20(0-2)RE

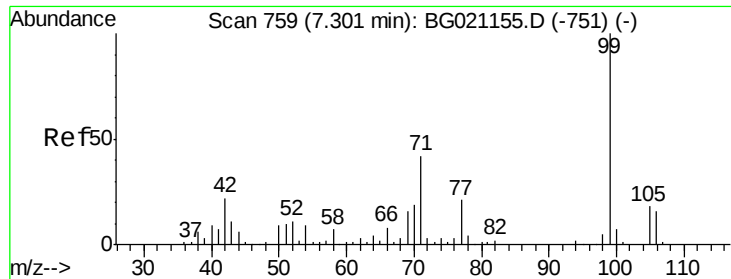
Tgt Ion:152 Resp: 14543
 Ion Ratio Lower Upper
 152 100
 150 150.2 123.4 185.2
 115 63.8 43.3 64.9



#5
 2-Fluorophenol
 Concen: 124.24 ng
 RT: 5.71 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BG021184.D
 Acq: 1 Mar 2016 12:04

Tgt Ion:112 Resp: 113658
 Ion Ratio Lower Upper
 112 100
 64 79.3 42.6 63.8#
 63 42.6 21.7 32.5#





#7

Phenol-d6

Concen: 116.22 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

Instrument :

BNA_G

ClientSampleId :

SP-1+20(0-2)RE

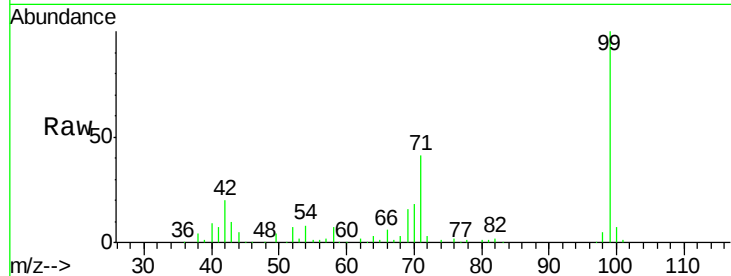
Tgt Ion: 99 Resp: 174820

Ion Ratio Lower Upper

99 100

42 20.3 13.2 19.8#

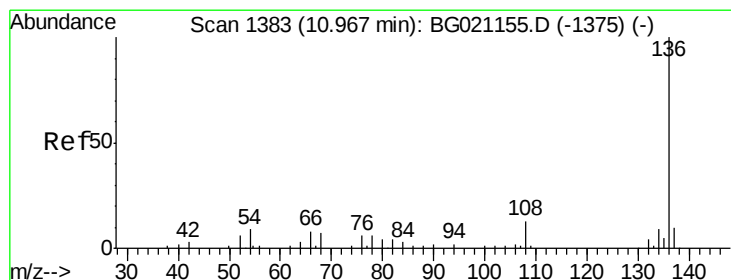
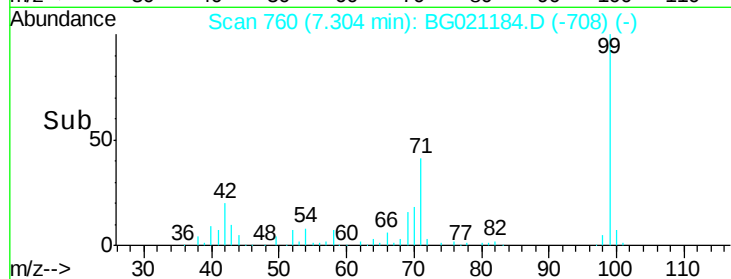
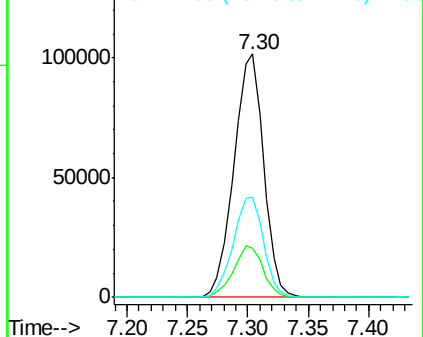
71 41.1 25.2 37.8#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

Tgt Ion: 136 Resp: 66790

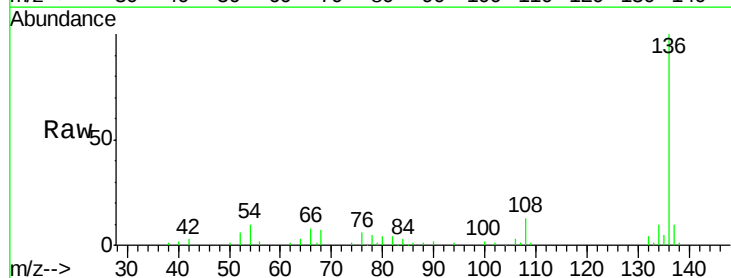
Ion Ratio Lower Upper

136 100

137 10.1 8.8 13.2

54 10.0 6.9 10.3

68 7.4 5.8 8.6

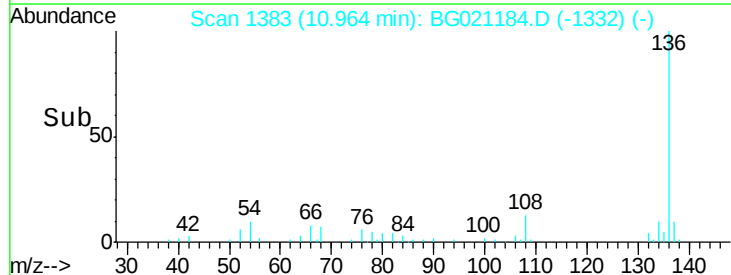
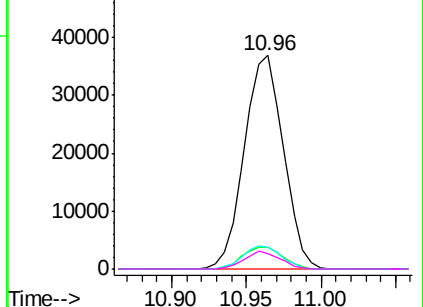


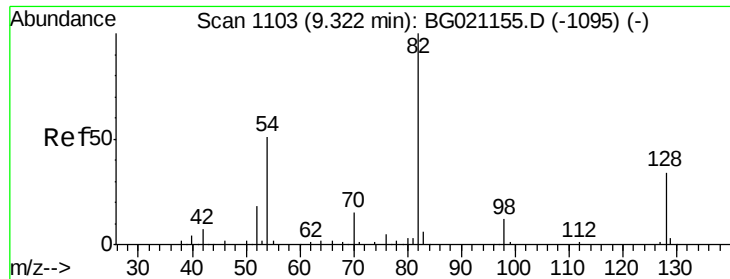
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

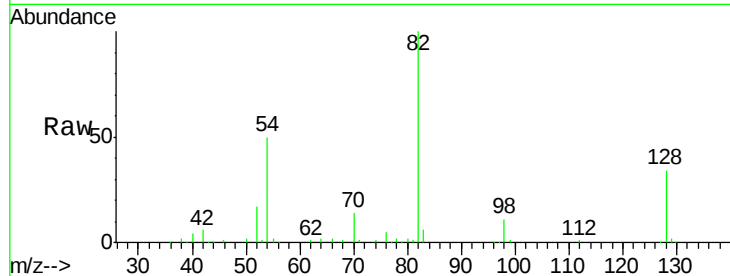




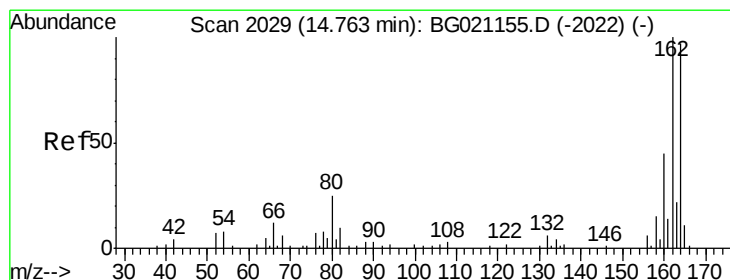
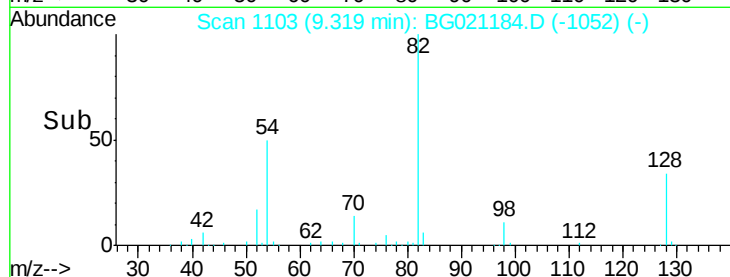
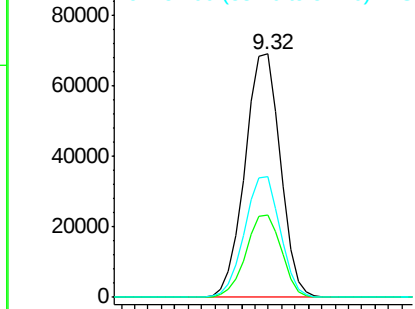
#23
 Nitrobenzene-d5
 Concen: 79.98 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BG021184.D
 Acq: 1 Mar 2016 12:04

Instrument :
 BNA_G
 ClientSampleId :
 SP-1+20(0-2)RE

Tgt Ion: 82 Resp: 126240
 Ion Ratio Lower Upper
 82 100
 128 34.0 36.3 54.5#
 54 49.7 37.6 56.4

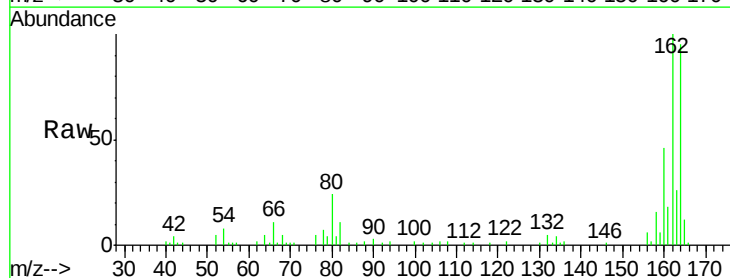


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

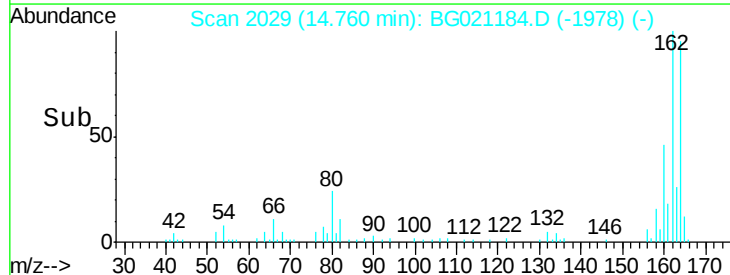
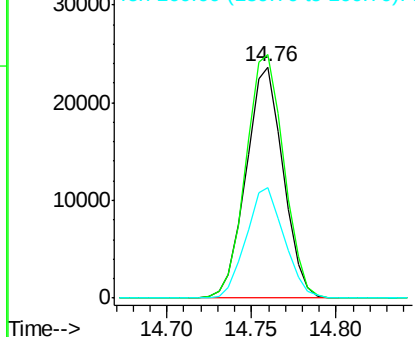


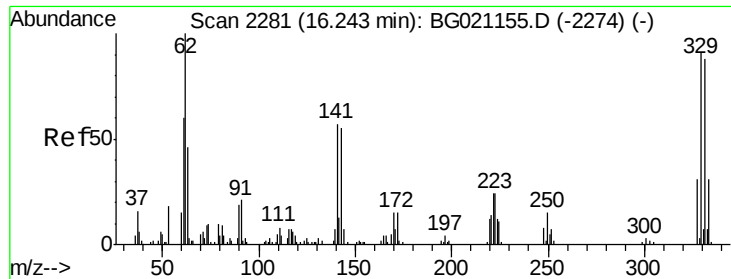
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG021184.D
 Acq: 1 Mar 2016 12:04

Tgt Ion: 164 Resp: 36125
 Ion Ratio Lower Upper
 164 100
 162 105.5 80.6 120.8
 160 48.1 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

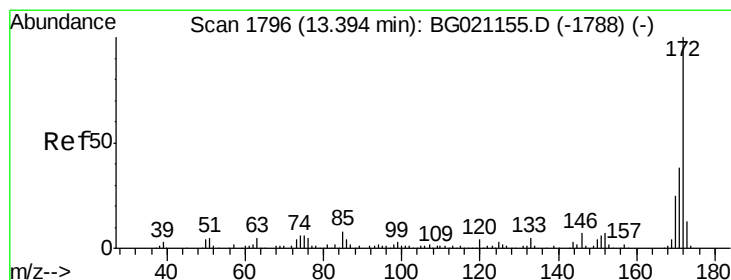
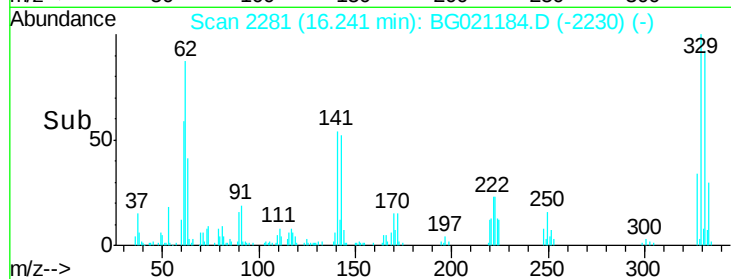
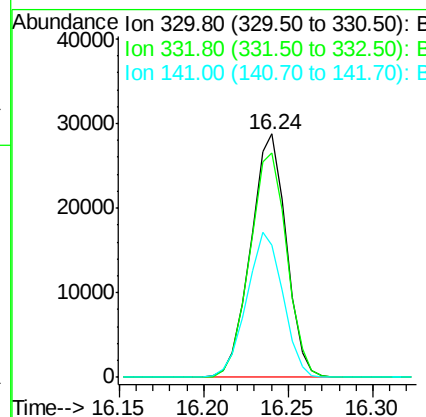
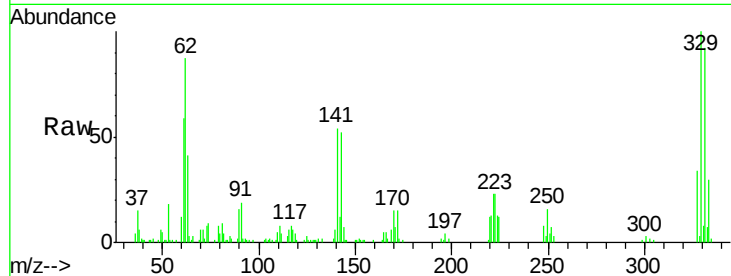




#41
 2,4,6-Tribromophenol
 Concen: 112.09 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG021184.D
 Acq: 1 Mar 2016 12:04

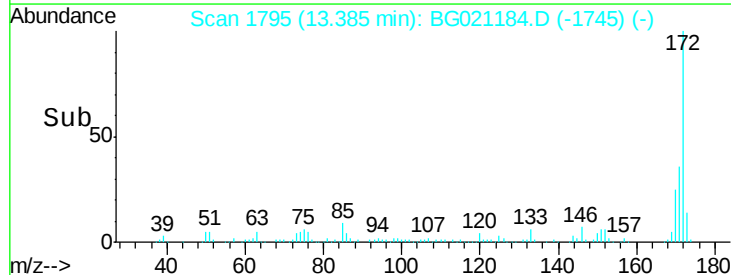
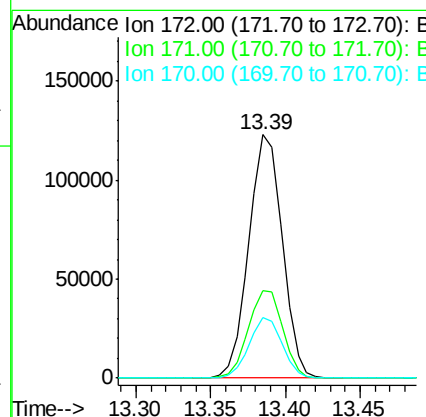
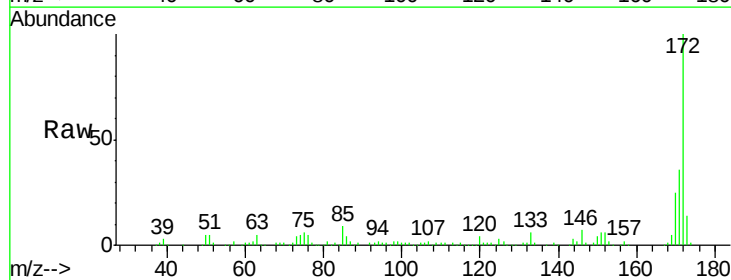
Instrument :
 BNA_G
 ClientSampleId :
 SP-1+20(0-2)RE

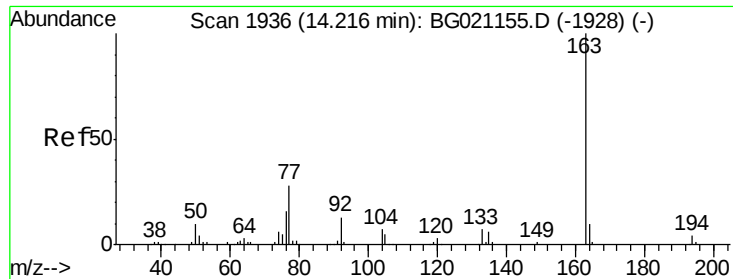
Tgt Ion:330 Resp: 42128
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.0
 141 60.5 35.3 52.9#



#44
 2-Fluorobiphenyl
 Concen: 74.84 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG021184.D
 Acq: 1 Mar 2016 12:04

Tgt Ion:172 Resp: 190399
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.7 19.8 29.8





#49

Dimethylphthalate

Concen: 12.25 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

Instrument :

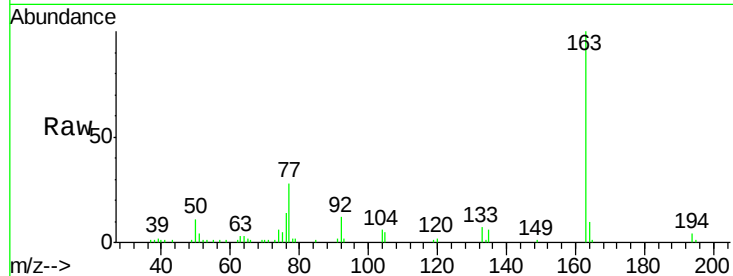
BNA_G

ClientSampleId :

SP-1+20(0-2)RE

Tgt Ion:163 Resp: 39434

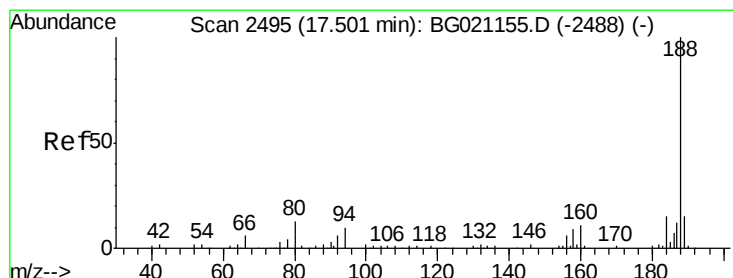
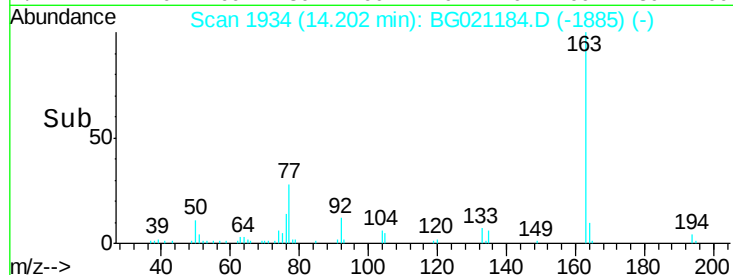
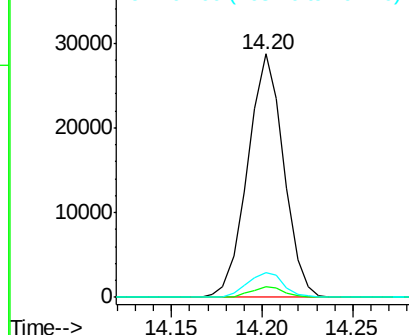
Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.8	4.2#
164	10.3	7.9	11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

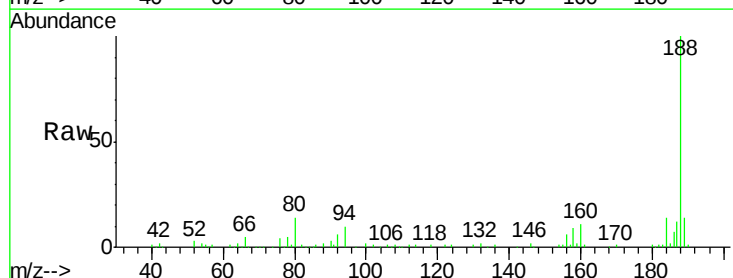
Delta R.T. -0.01 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

Tgt Ion:188 Resp: 75824

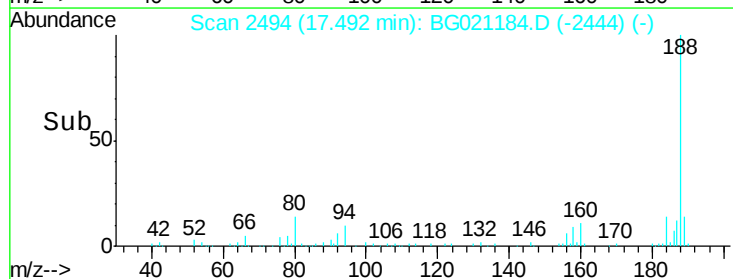
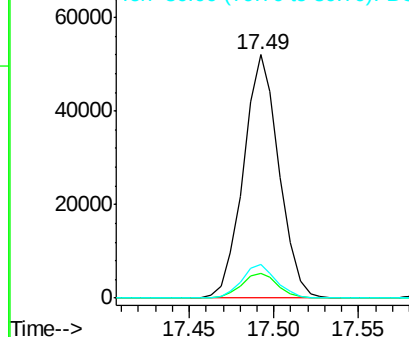
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	14.0	9.2	13.8#

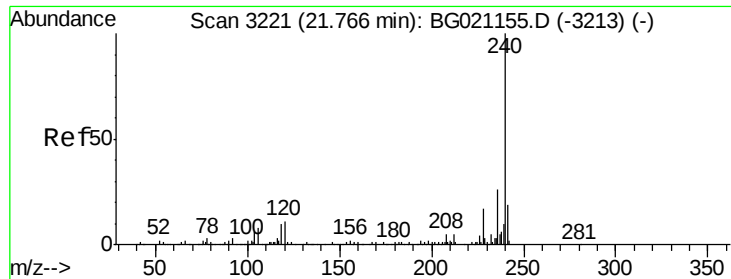


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

Instrument :

BNA_G

ClientSampleId :

SP-1+20(0-2)RE

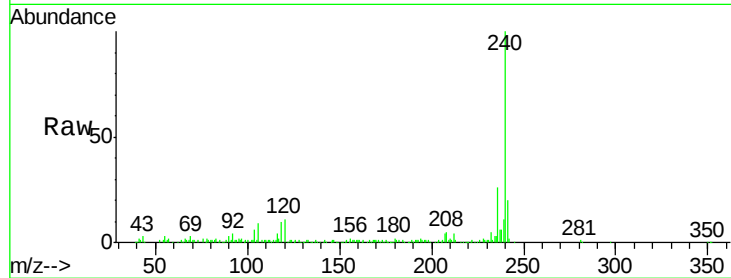
Tgt Ion:240 Resp: 80992

Ion Ratio Lower Upper

240 100

120 10.9 7.5 11.3

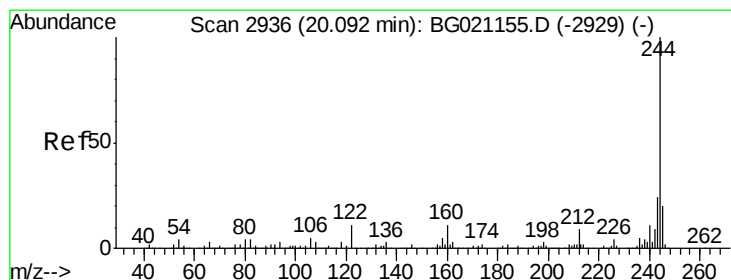
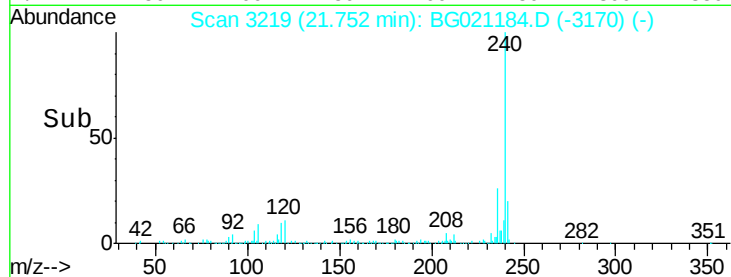
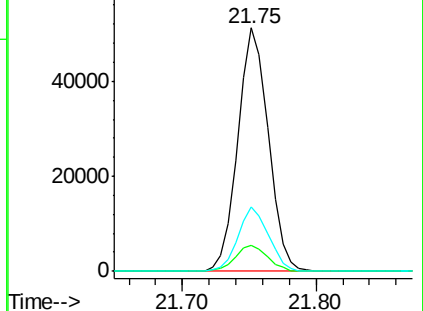
236 26.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 70.21 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

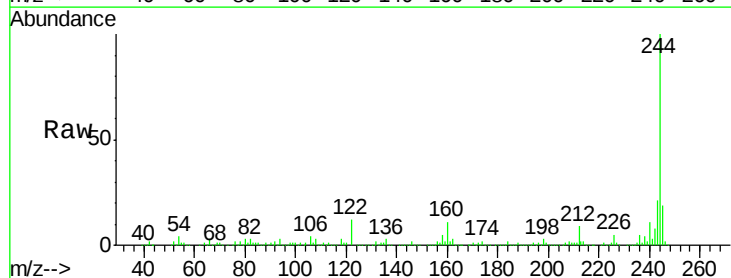
Tgt Ion:244 Resp: 234716

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.6#

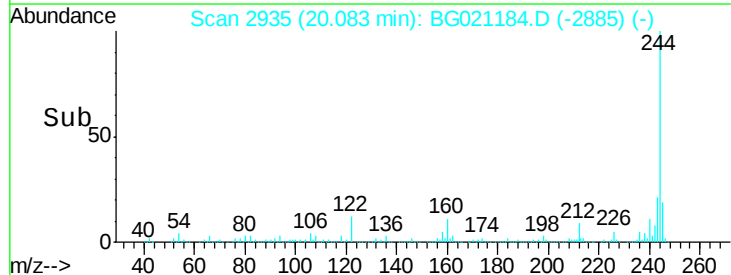
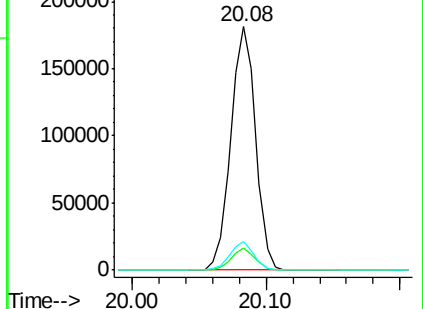
122 11.9 8.3 12.5

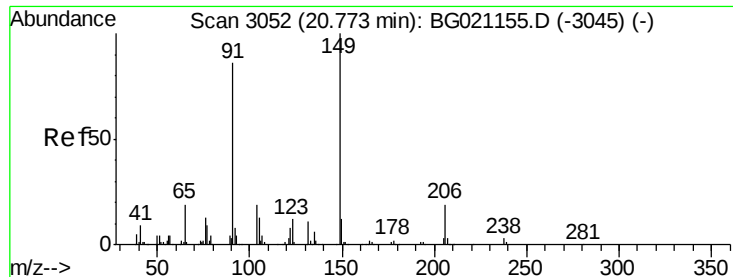


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 9.65 ng

RT: 20.76 min Scan# 3051

Delta R.T. -0.01 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

Instrument :

BNA_G

ClientSampleId :

SP-1+20(0-2)RE

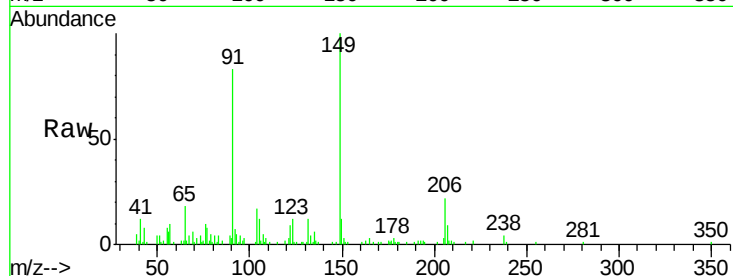
Tgt Ion:149 Resp: 23801

Ion Ratio Lower Upper

149 100

91 83.2 58.6 87.8

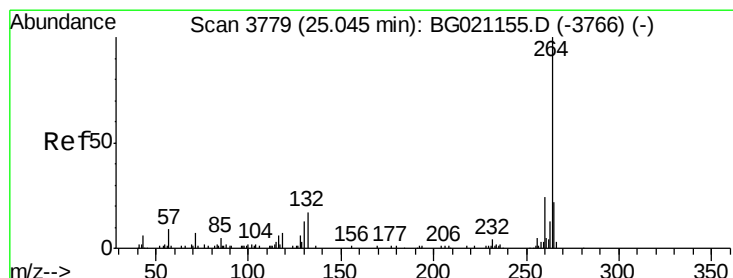
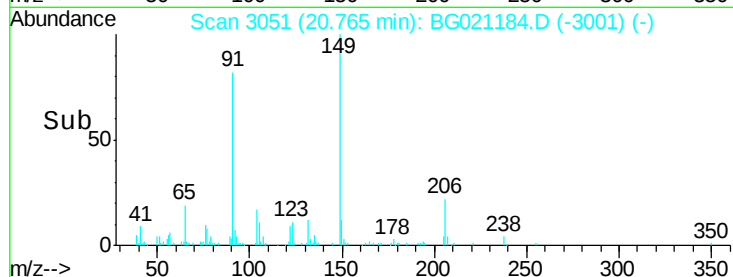
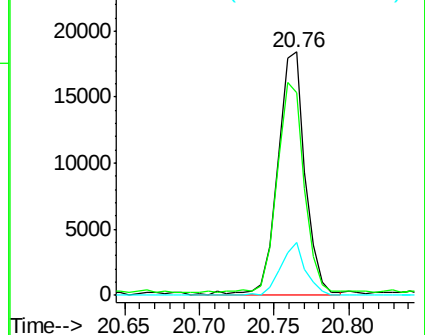
206 21.9 14.2 21.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.03 min Scan# 3777

Delta R.T. -0.01 min

Lab File: BG021184.D

Acq: 1 Mar 2016 12:04

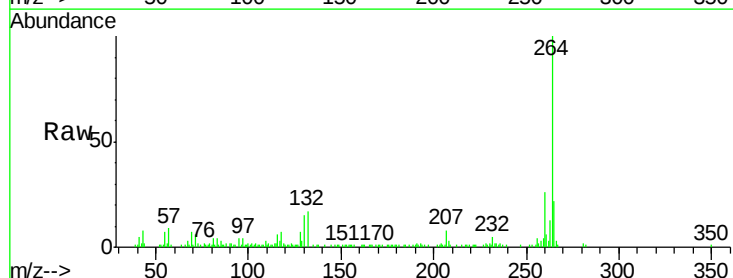
Tgt Ion:264 Resp: 74754

Ion Ratio Lower Upper

264 100

260 26.4 18.5 27.7

265 21.9 18.6 28.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

