

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032356.D
 Acq On : 27 Jan 2018 14:53
 Operator : SJ/JU
 Sample : J1328-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-2

Quant Time: Jan 27 23:54:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

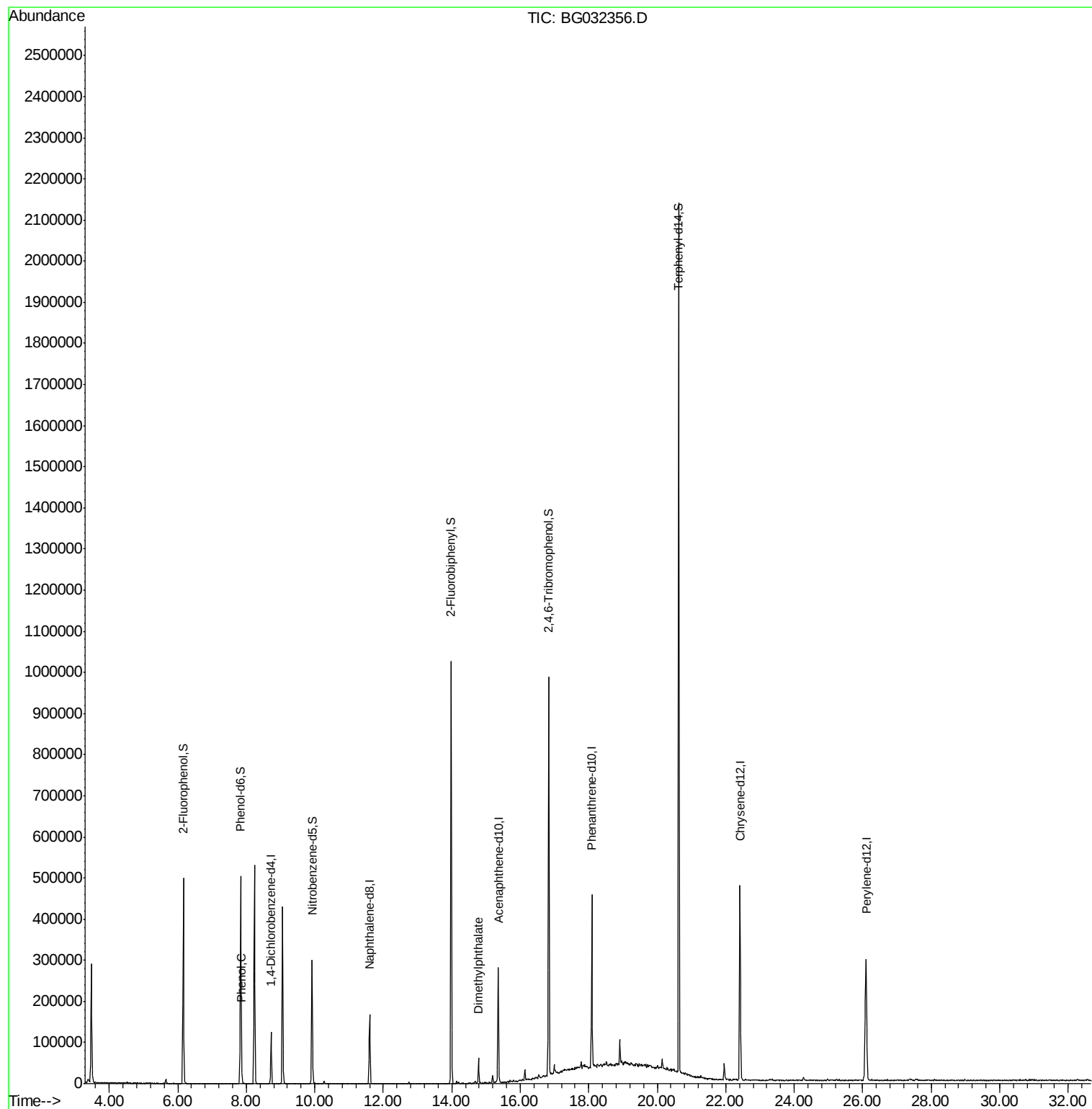
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	42609	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	161210	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	113124	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	279626	20.00	ng	0.00
75) Chrysene-d12	22.41	240	371954	20.00	ng	-0.01
86) Perylene-d12	26.10	264	407329	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	243814	104.65	ng	0.00
7) Phenol-d6	7.84	99	296102	100.92	ng	0.00
23) Nitrobenzene-d5	9.92	82	186404	78.23	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	220603	117.85	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	603596	66.16	ng	0.00
78) Terphenyl-d14	20.63	244	1115990	66.25	ng	0.00
Target Compounds						
10) Phenol	7.86	94	11247	3.891	ng	89
49) Dimethylphthalate	14.78	163	41689	4.211	ng	# 96

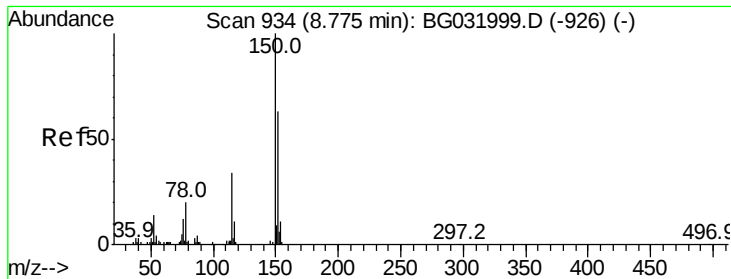
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. 0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

Instrument :

BNA_G

ClientSampleId :

RO-1-2

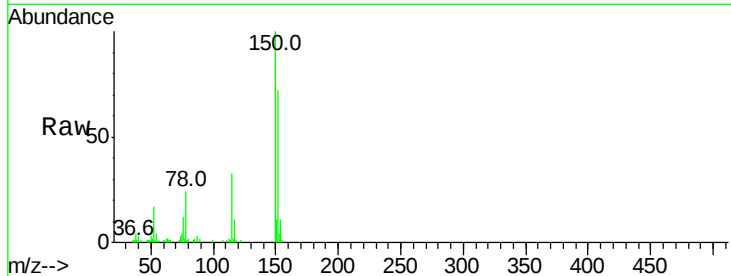
Tot Ion:152 Resp: 42609

Ion Ratio Lower Upper

152 100

150 139.0 126.6 189.8

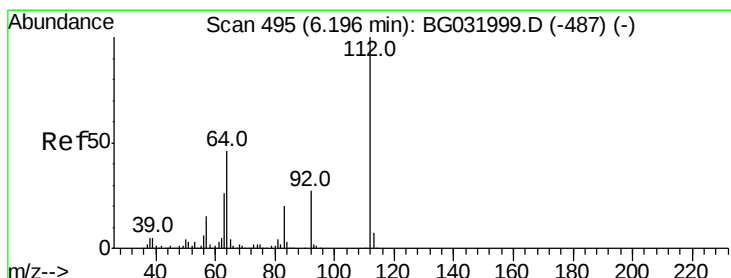
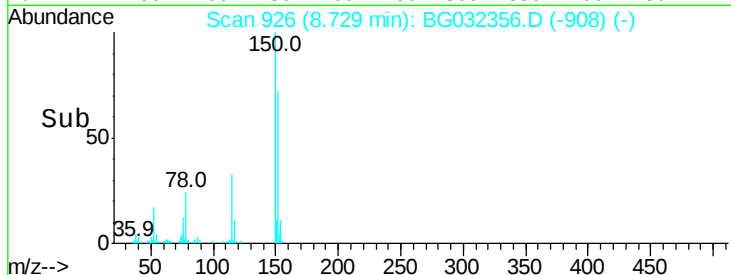
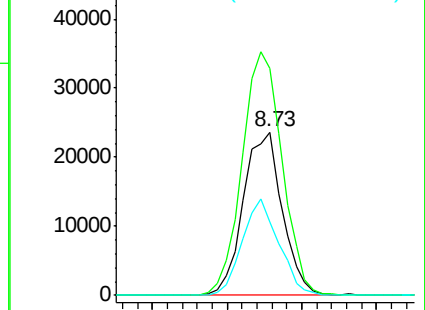
115 45.4 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 104.654 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

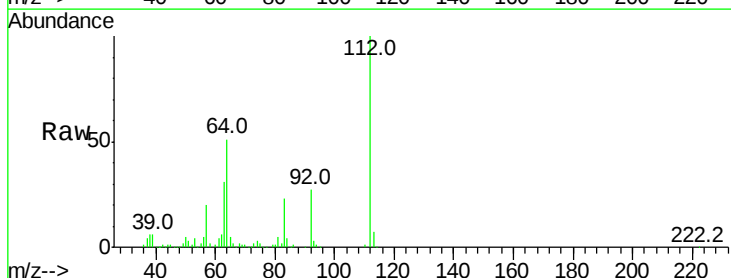
Tgt Ion:112 Resp: 243814

Ion Ratio Lower Upper

112 100

64 51.0 56.3 84.5#

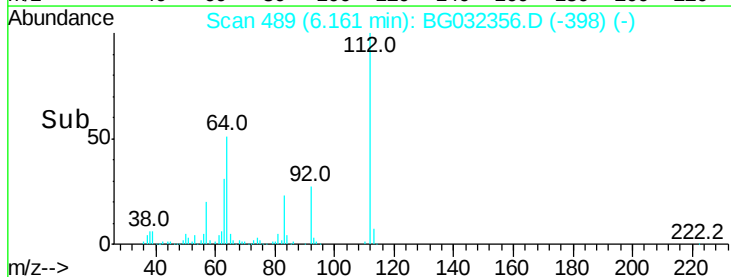
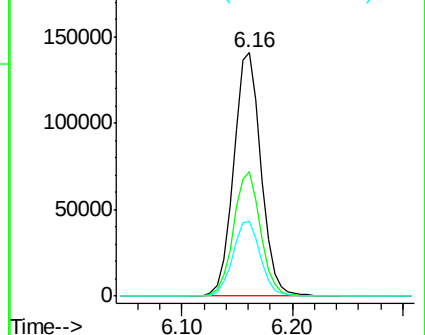
63 30.8 30.1 45.1

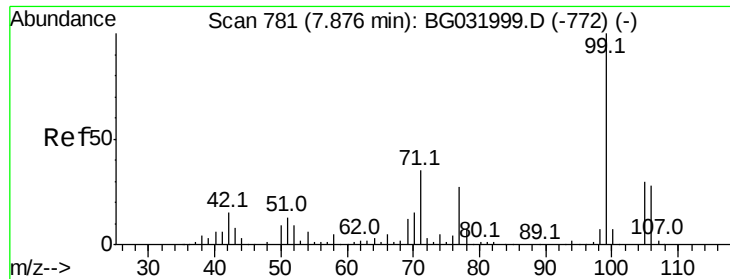


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 100.916 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

Instrument :

BNA_G

ClientSampled :

RO-1-2

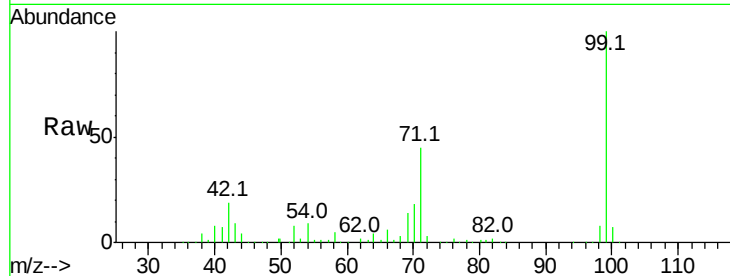
Tot Ion: 99 Resp: 296102

Ion Ratio Lower Upper

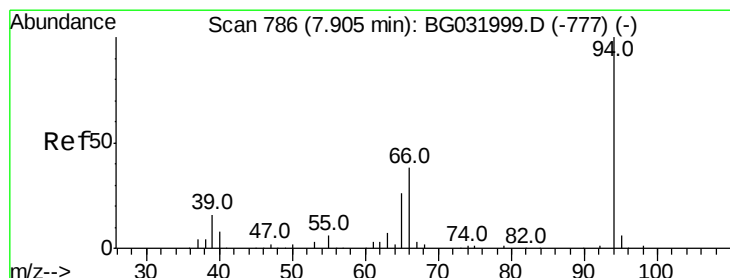
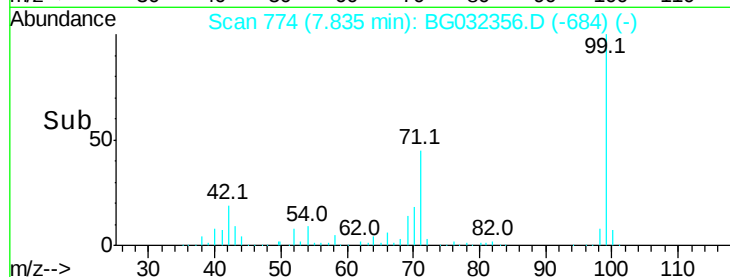
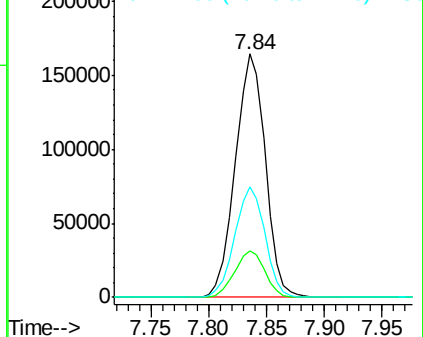
99 100

42 19.3 14.1 21.1

71 45.2 26.1 39.1#



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



#10

Phenol

Concen: 3.891 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

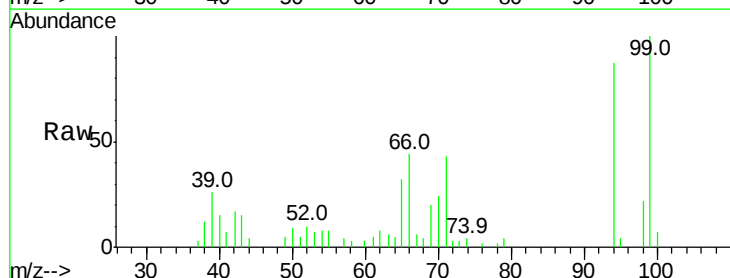
Tgt Ion: 94 Resp: 11247

Ion Ratio Lower Upper

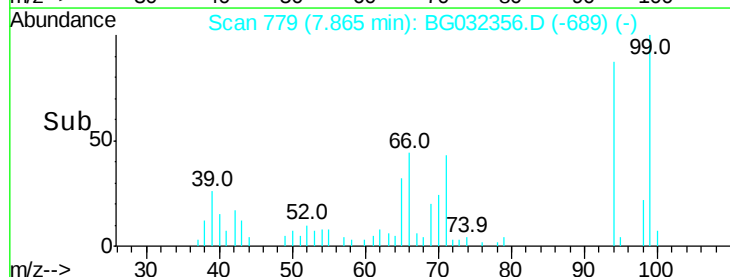
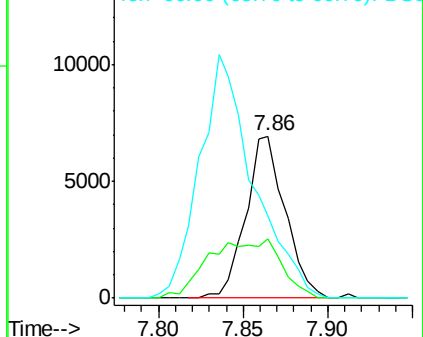
94 100

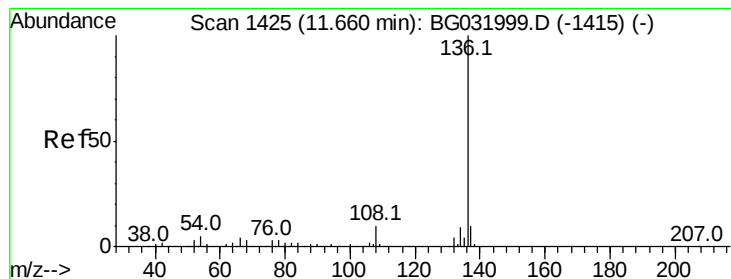
65 36.7 11.9 51.9

66 50.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

Instrument :

BNA_G

ClientSampleId :

RO-1-2

Tot Ion:136 Resp: 161210

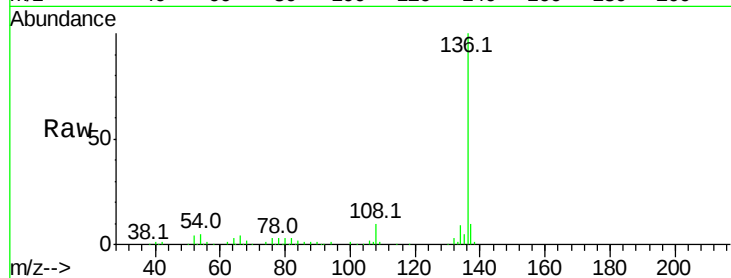
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 5.3 10.3 15.5#

68 2.3 4.5 6.7#

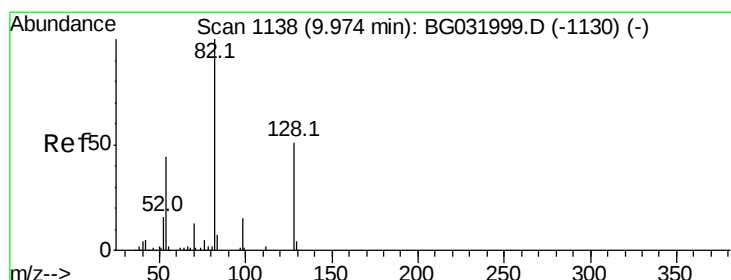
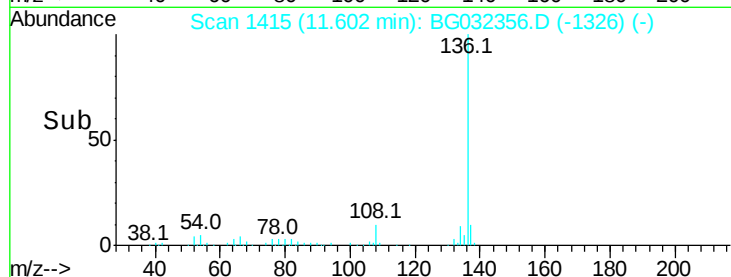
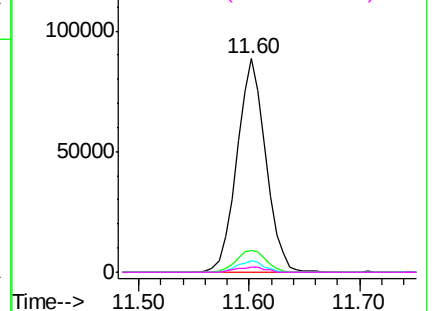


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 78.227 ng

RT: 9.92 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

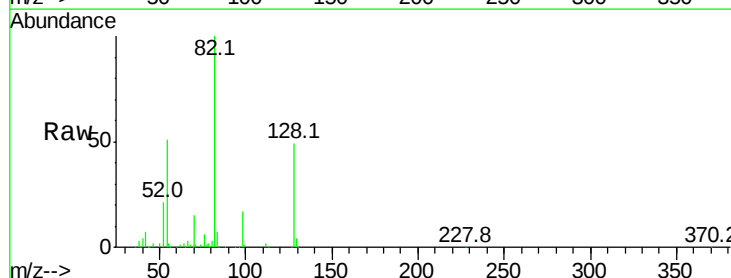
Tgt Ion: 82 Resp: 186404

Ion Ratio Lower Upper

82 100

128 48.9 29.7 44.5#

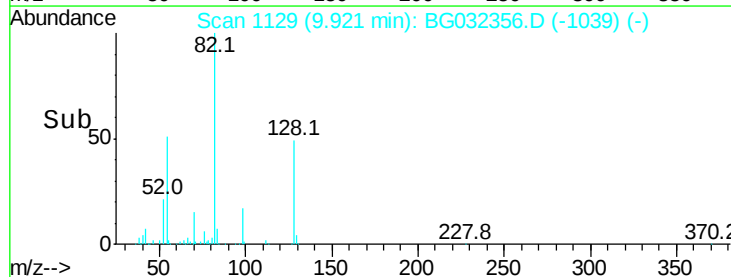
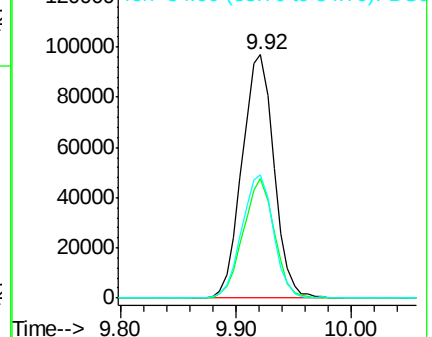
54 50.7 43.1 64.7

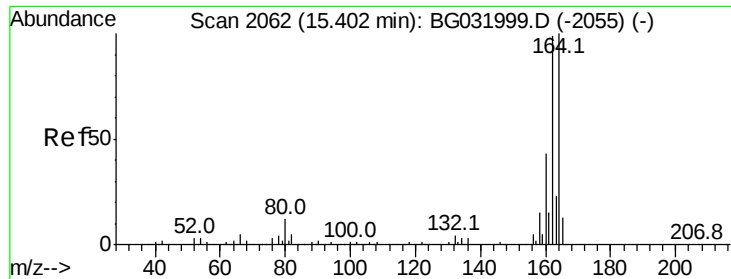


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

Instrument :

BNA_G

ClientSampleId :

RO-1-2

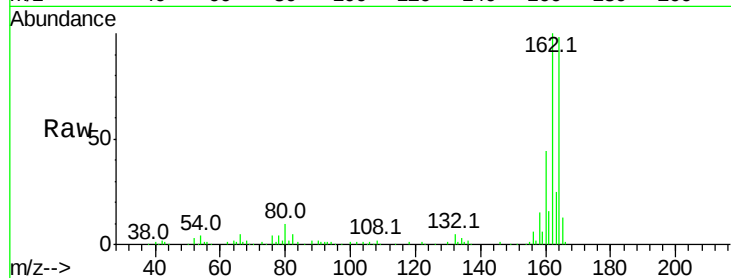
Tot Ion:164 Resp: 113124

Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

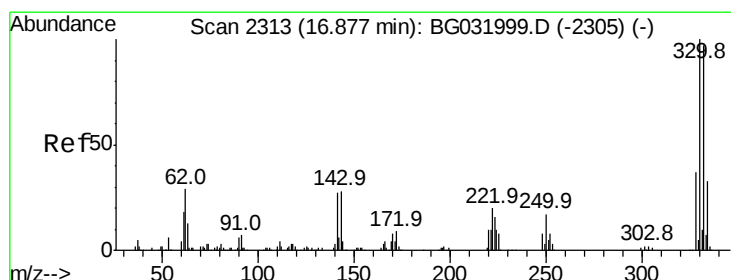
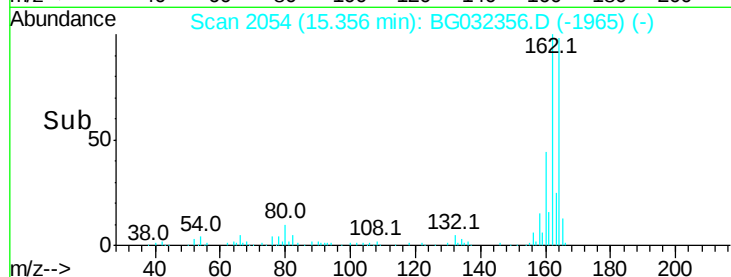
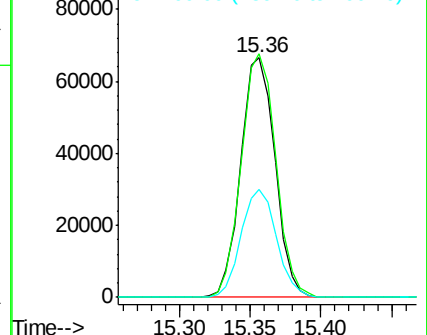
160 45.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 117.847 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032356.D

Acq: 27 Jan 2018 14:53

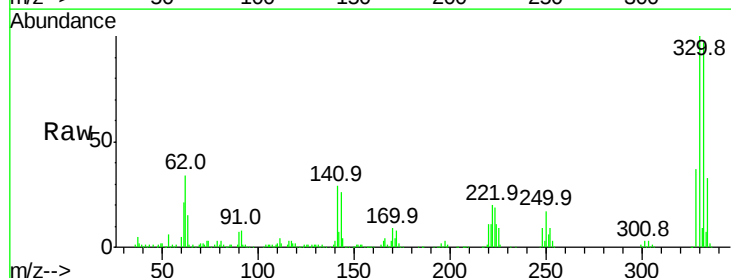
Tgt Ion:330 Resp: 220603

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

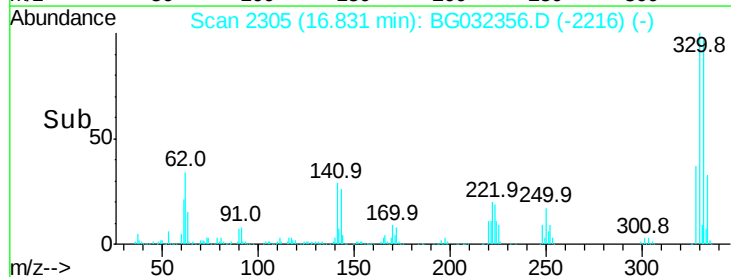
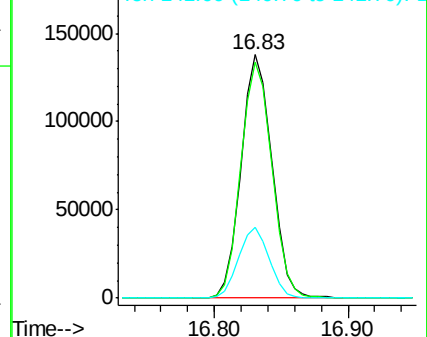
141 29.4 25.2 37.8

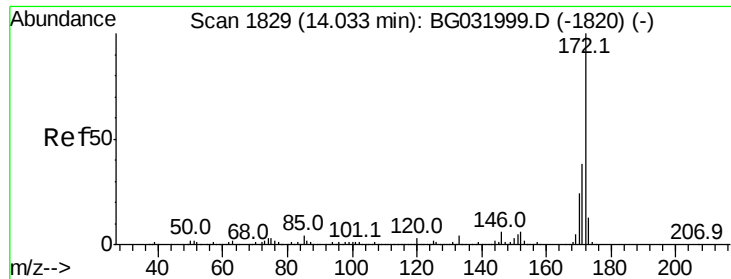


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

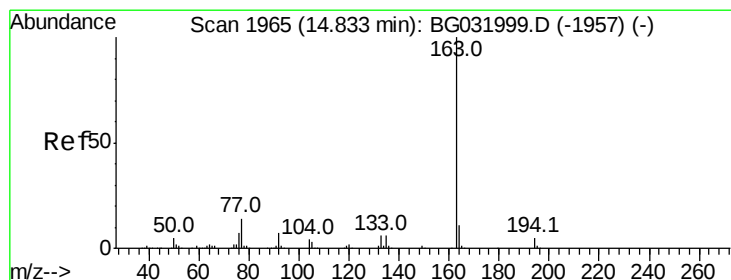
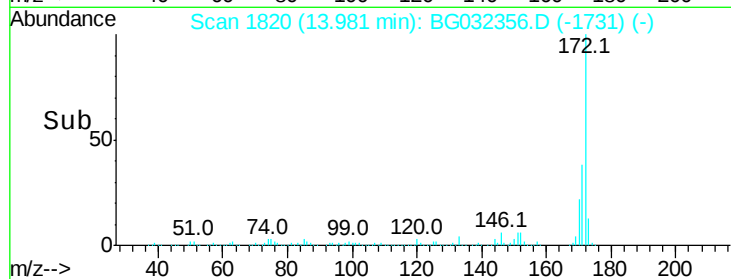
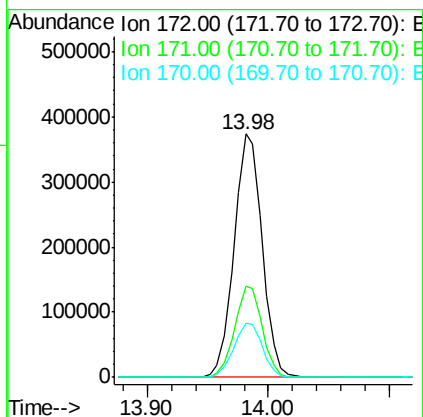
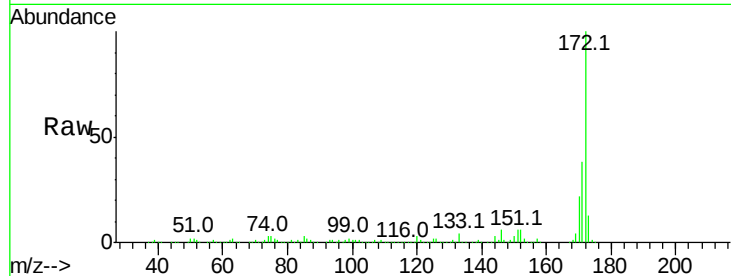




#44
2-Fluorobiphenyl
Concen: 66.160 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032356.D
Acq: 27 Jan 2018 14:53

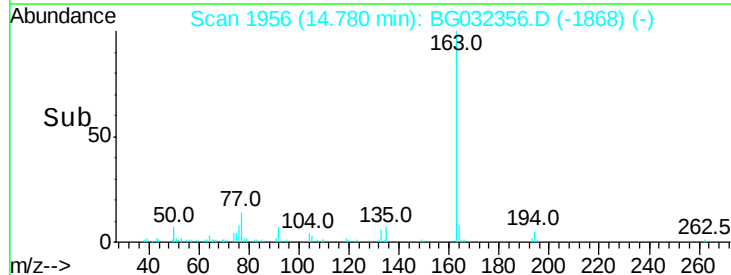
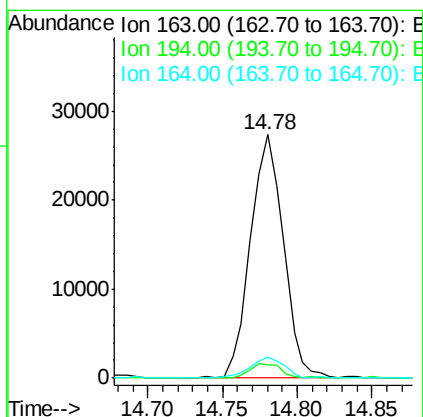
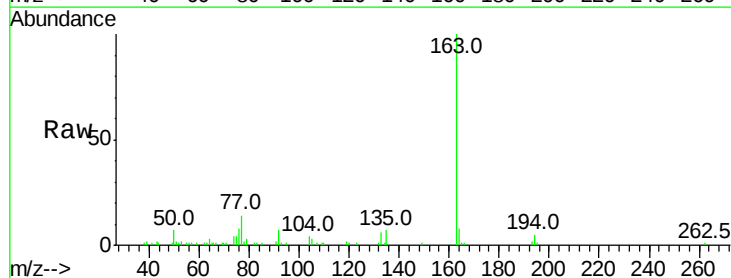
Instrument :
BNA_G
ClientSampleId :
RO-1-2

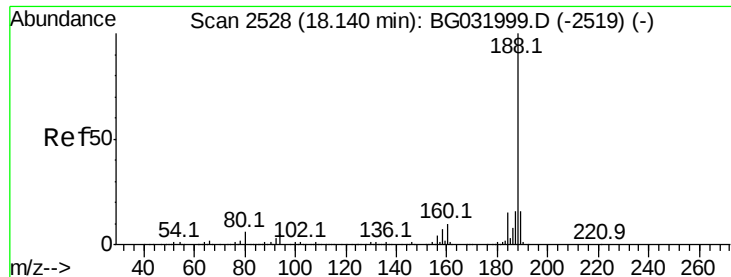
Tot Ion:172 Resp: 603596
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 22.5 19.5 29.3



#49
Dimethylphthalate
Concen: 4.211 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032356.D
Acq: 27 Jan 2018 14:53

Tgt Ion:163 Resp: 41689
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 8.5 8.2 12.4

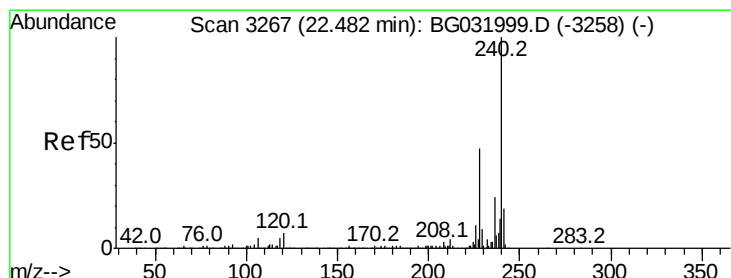
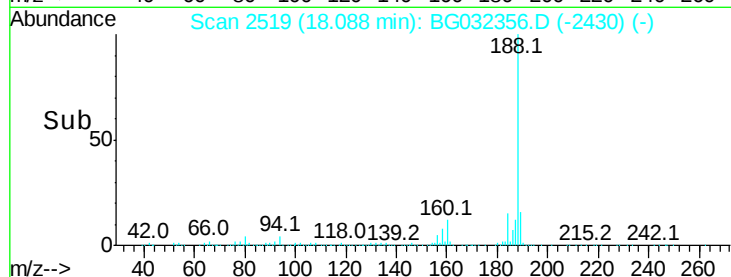
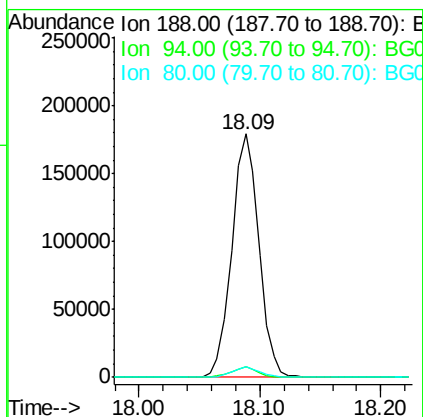
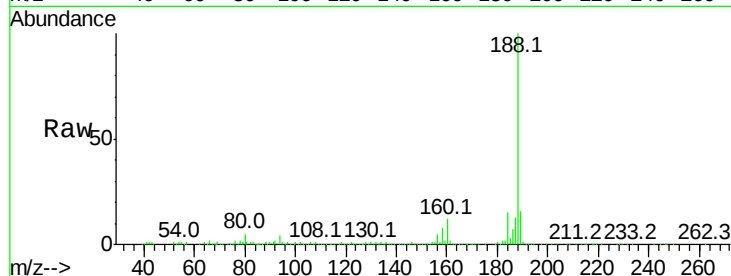




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032356.D
Acq: 27 Jan 2018 14:53

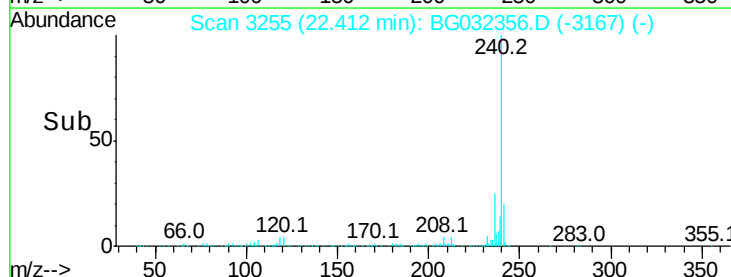
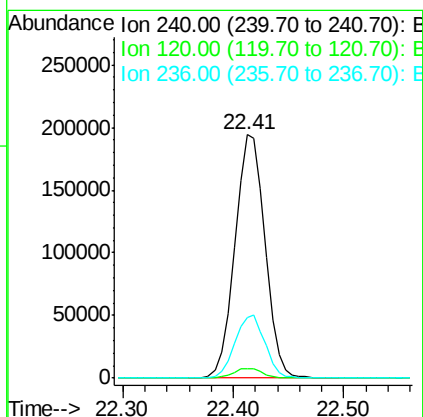
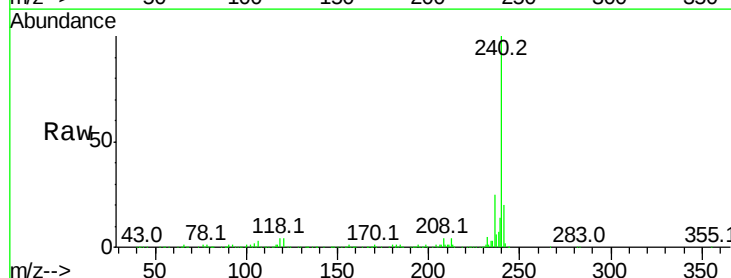
Instrument :
BNA_G
ClientSampleId :
RO-1-2

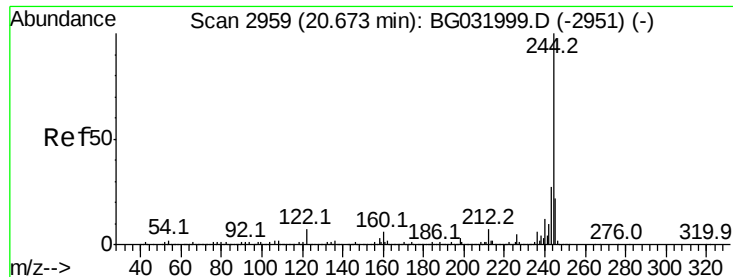
Tot Ion:188 Resp: 279626
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032356.D
Acq: 27 Jan 2018 14:53

Tgt Ion:240 Resp: 371954
Ion Ratio Lower Upper
240 100
120 3.6 6.8 10.2#
236 25.1 20.9 31.3



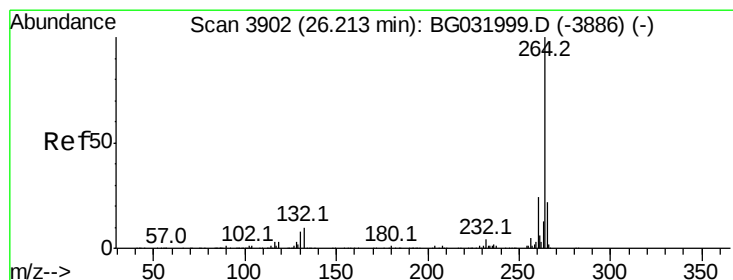
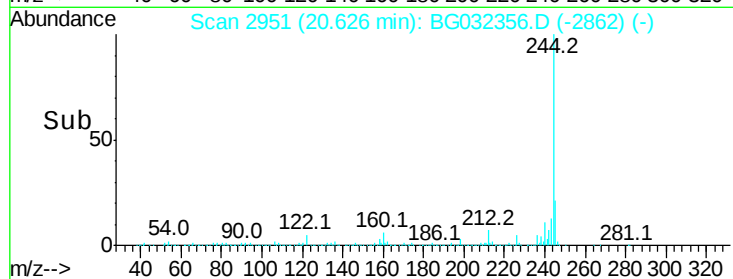
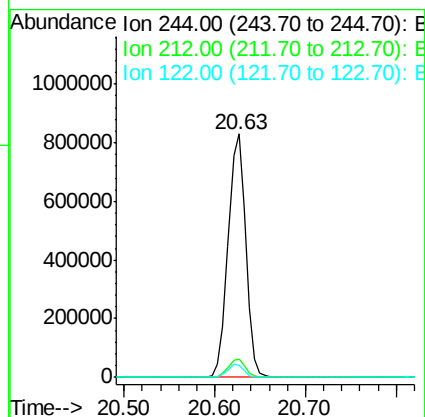
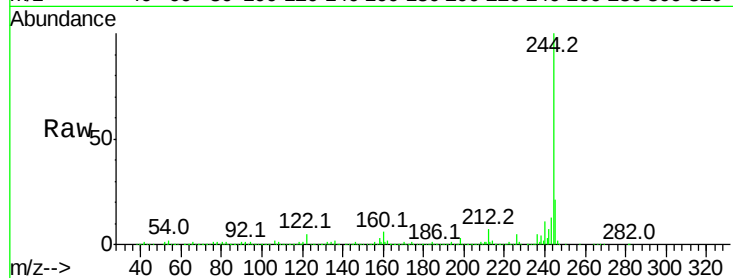


#78
 Terphenyl-d14
 Concen: 66.249 ng
 RT: 20.63 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BG032356.D
 Acq: 27 Jan 2018 14:53

Instrument :
 BNA_G
 ClientSampleId :
 RO-1-2

Tot Ion:244 Resp: 1115990

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	4.8	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3882
 Delta R.T. -0.01 min
 Lab File: BG032356.D
 Acq: 27 Jan 2018 14:53

Tgt Ion:264 Resp: 407329

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.9	17.7	26.5

