

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
 Data File : BG028679.D
 Acq On : 12 Sep 2017 21:10
 Operator : SJ/JU
 Sample : I5123-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EP-13

Quant Time: Sep 13 04:56:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

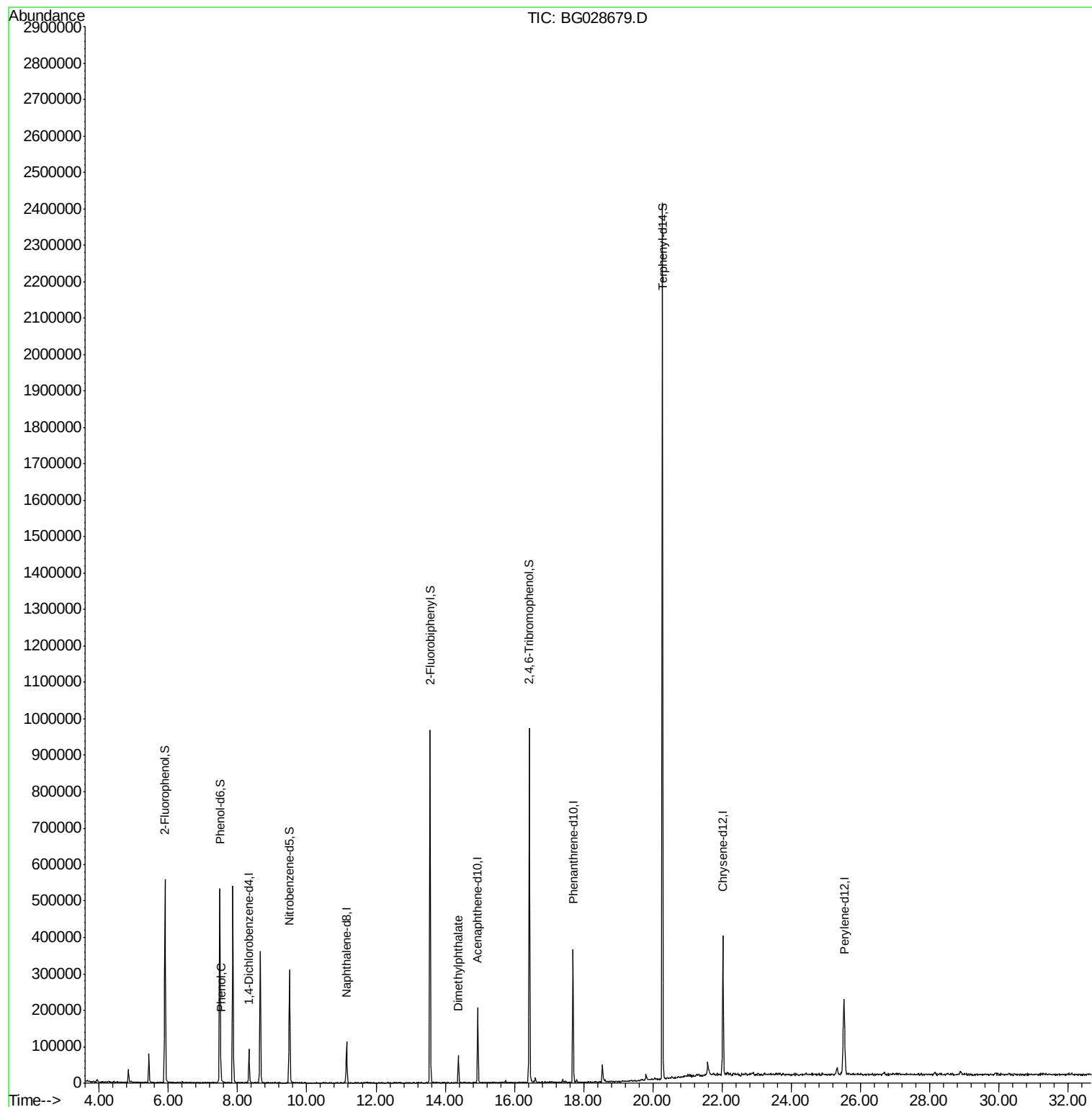
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	24483	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	100778	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	75085	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	229233	20.00	ng	0.00
75) Chrysene-d12	22.02	240	266068	20.00	ng	0.00
86) Perylene-d12	25.53	264	268098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	229651	154.77	ng	0.00
7) Phenol-d6	7.49	99	320437	143.44	ng	0.00
23) Nitrobenzene-d5	9.50	82	200054	94.96	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	213325	171.78	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	536094	95.20	ng	0.00
78) Terphenyl-d14	20.28	244	1108951	88.88	ng	0.00
Target Compounds						
10) Phenol	7.52	94	11874	5.036	ng	84
49) Dimethylphthalate	14.38	163	52588	8.352	ng	98

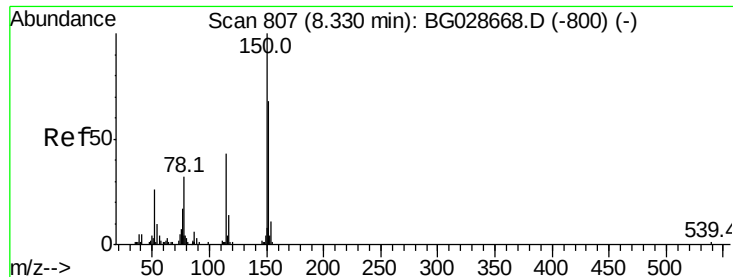
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091217\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

Instrument :

BNA_G

ClientSampleId :

EP-13

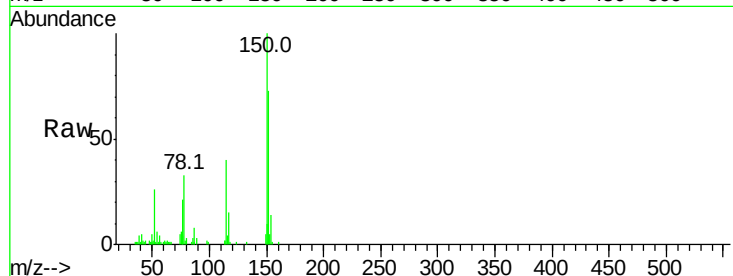
Tot Ion:152 Resp: 24483

Ion Ratio Lower Upper

152 100

150 137.4 114.0 171.0

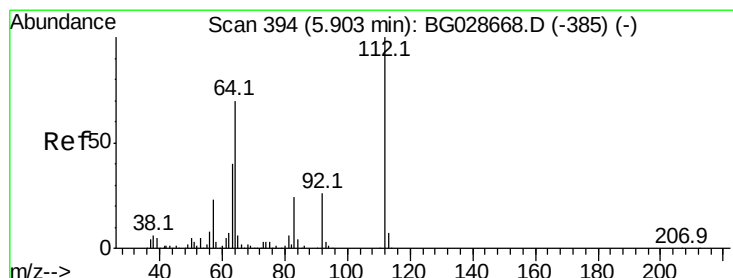
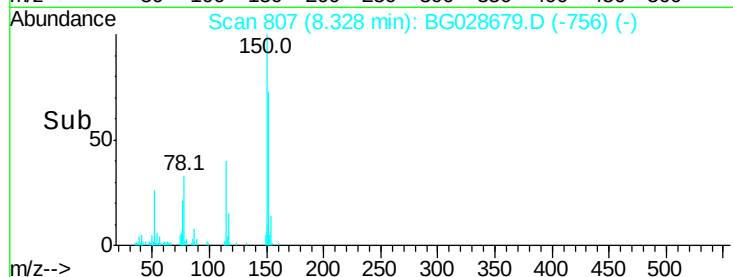
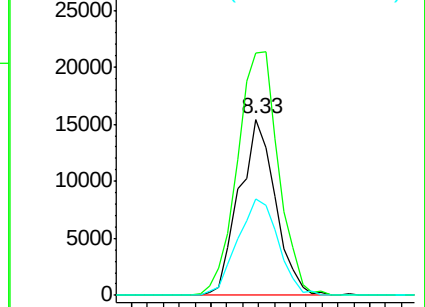
115 55.1 48.1 72.1



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: 154.775 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

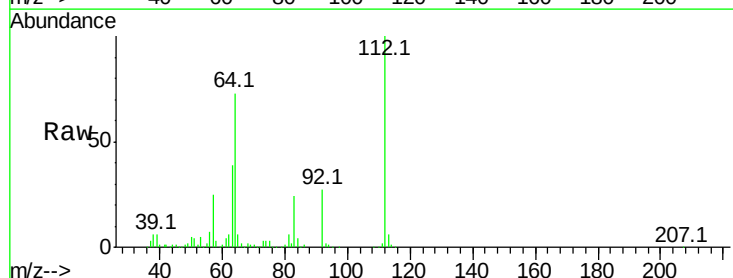
Tgt Ion:112 Resp: 229651

Ion Ratio Lower Upper

112 100

64 72.7 61.8 92.6

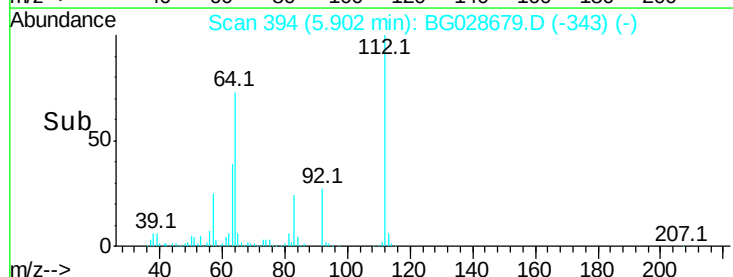
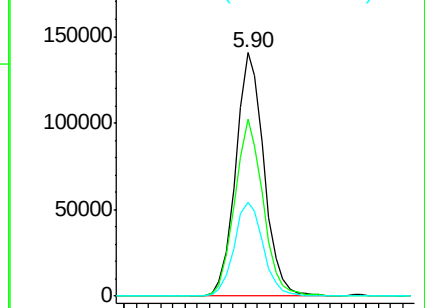
63 38.6 37.2 55.8

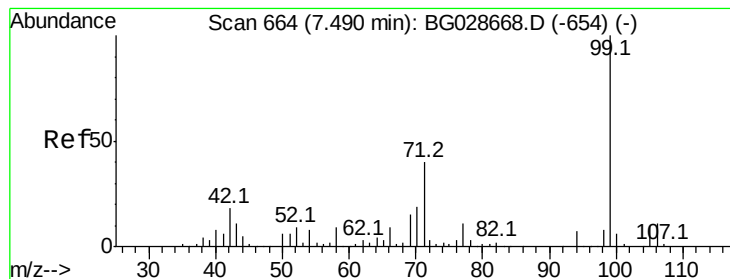


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.436 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

Instrument :

BNA_G

ClientSampleId :

EP-13

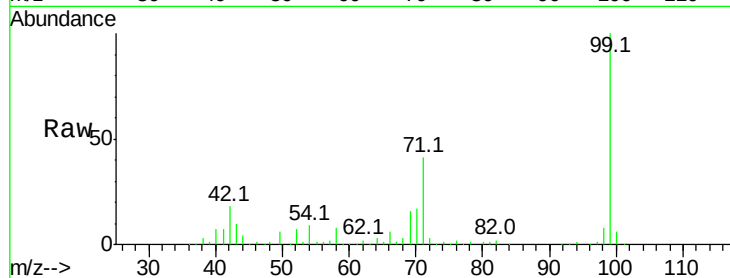
Tot Ion: 99 Resp: 320437

Ion Ratio Lower Upper

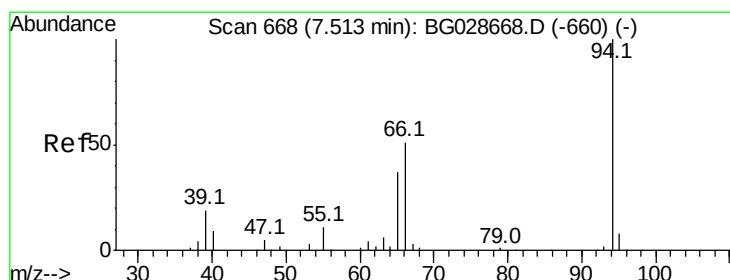
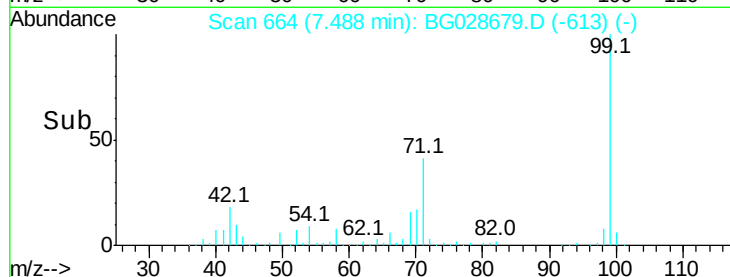
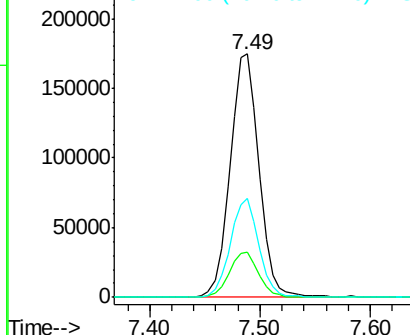
99 100

42 18.4 20.5 30.7#

71 40.6 37.6 56.4



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: 5.036 ng

RT: 7.52 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

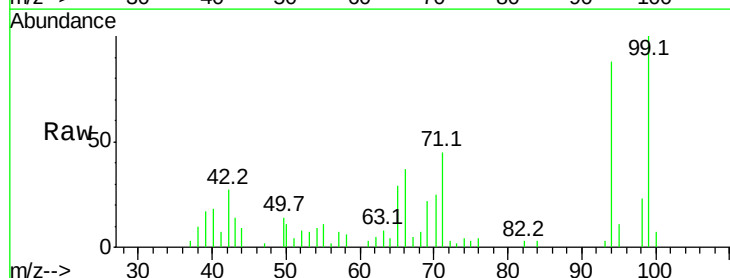
Tgt Ion: 94 Resp: 11874

Ion Ratio Lower Upper

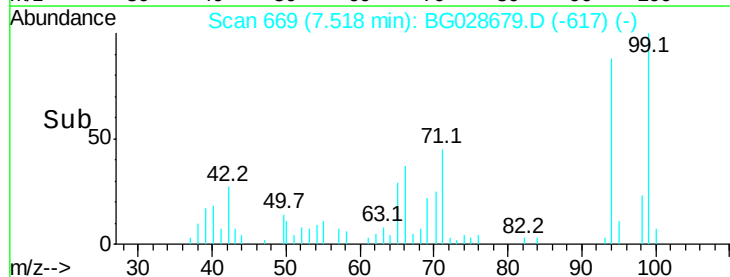
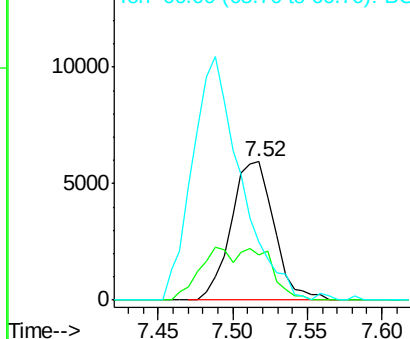
94 100

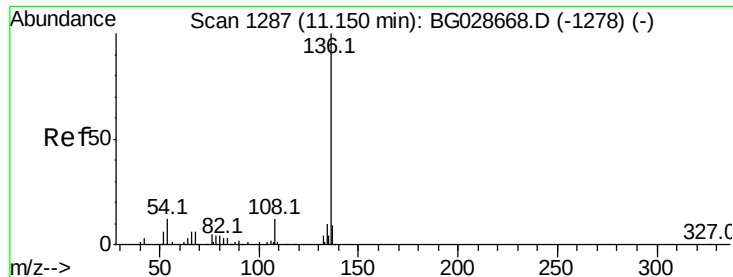
65 32.8 20.6 60.6

66 41.9 35.5 75.5



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: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

Instrument :

BNA_G

ClientSampleId :

EP-13

Tot Ion:136 Resp: 100778

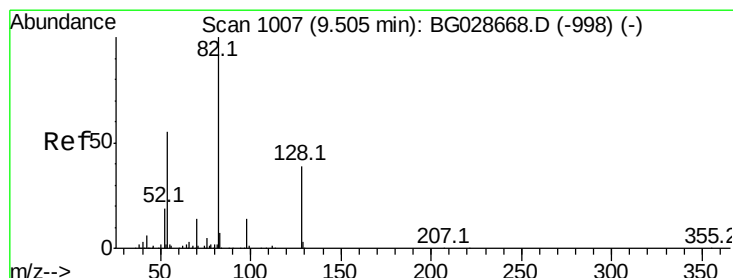
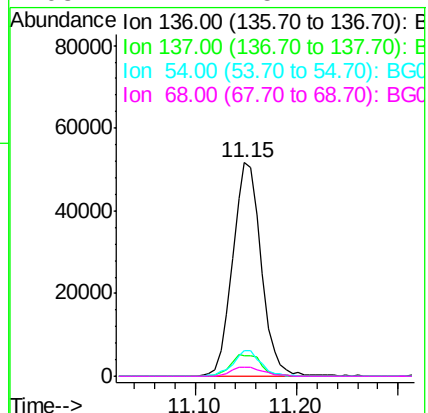
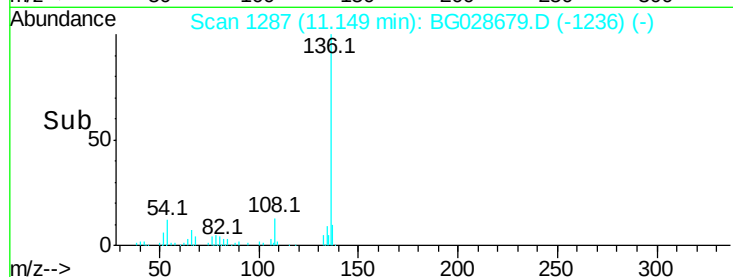
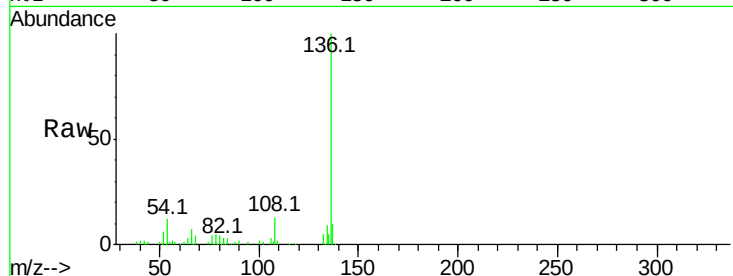
Ion Ratio Lower Upper

136 100

137 9.8 8.9 13.3

54 12.0 9.3 13.9

68 4.1 5.1 7.7#



#23

Nitrobenzene-d5

Concen: 94.962 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

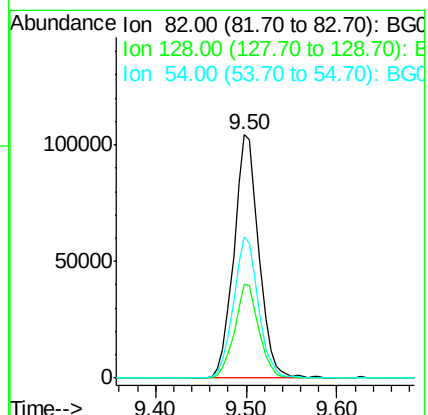
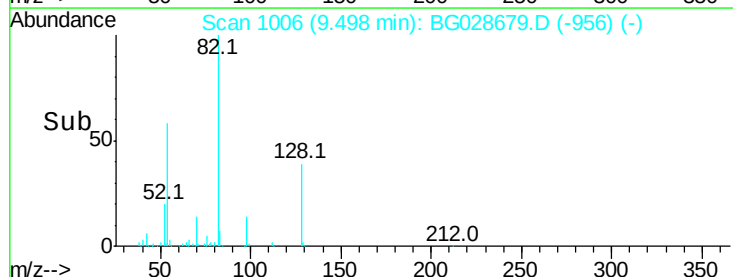
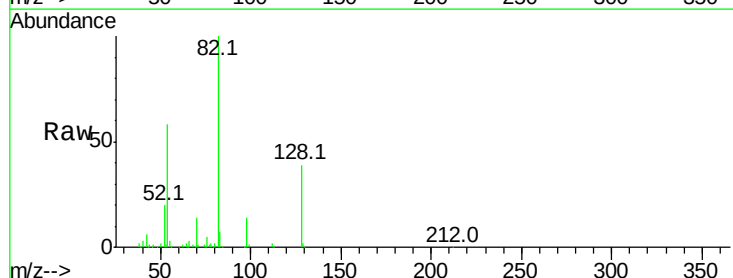
Tgt Ion: 82 Resp: 200054

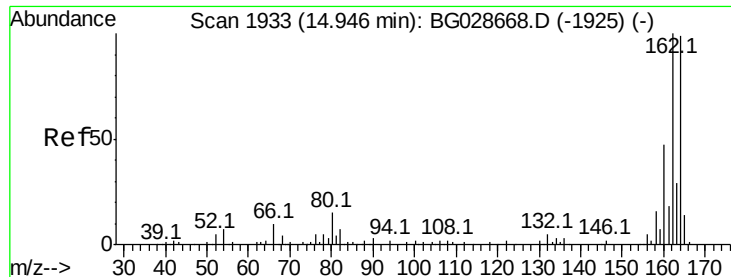
Ion Ratio Lower Upper

82 100

128 38.7 26.4 39.6

54 58.0 49.4 74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

Instrument :

BNA_G

ClientSampled :

EP-13

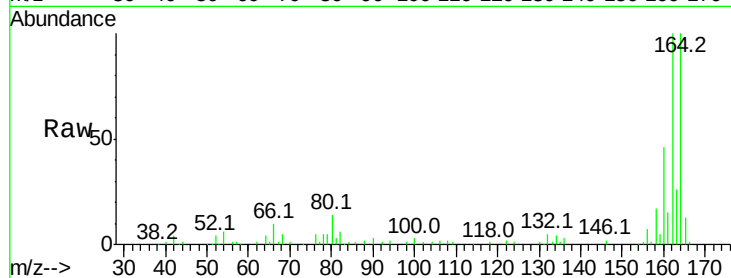
Tot Ion:164 Resp: 75085

Ion Ratio Lower Upper

164 100

162 100.1 85.1 127.7

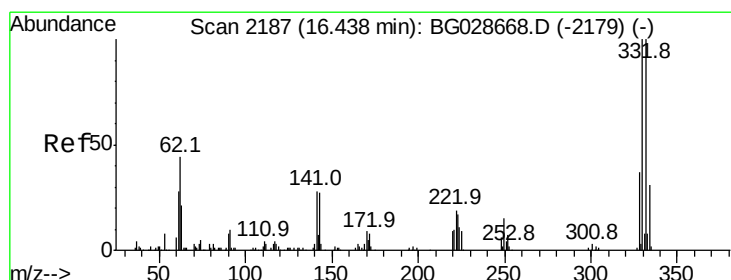
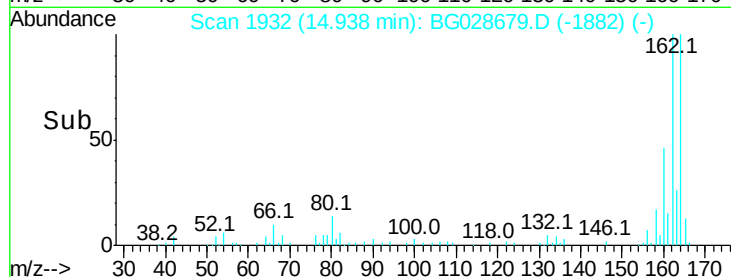
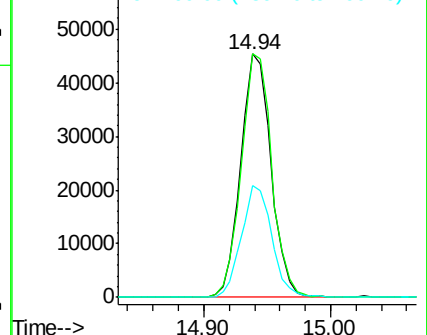
160 45.8 34.7 52.1



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: 171.779 ng

RT: 16.44 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

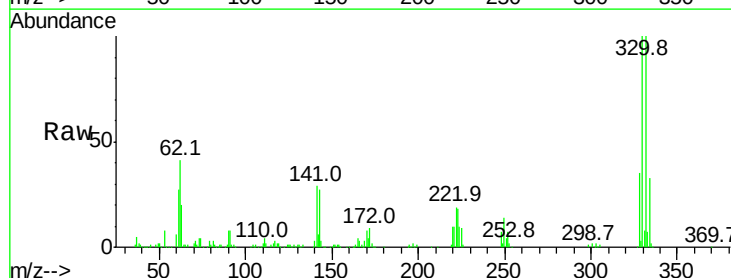
Tgt Ion:330 Resp: 213325

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

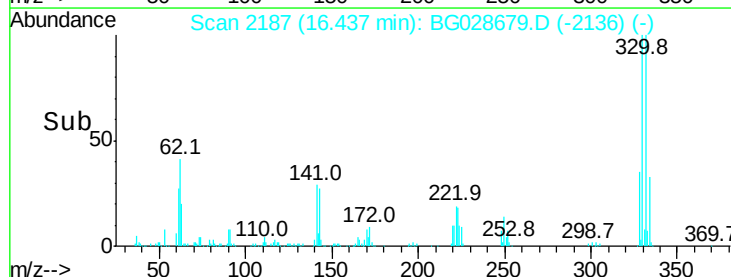
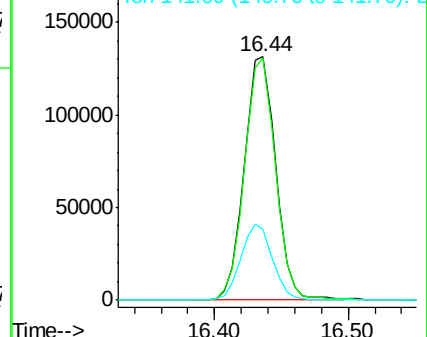
141 31.4 32.1 48.1#

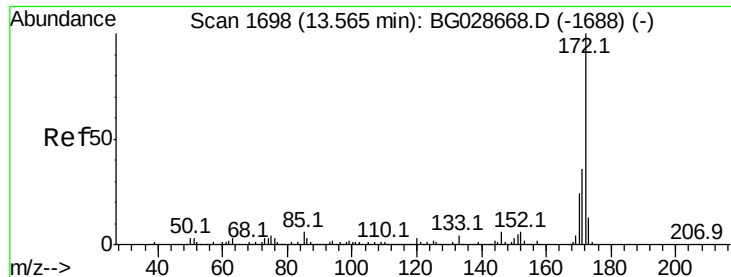


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

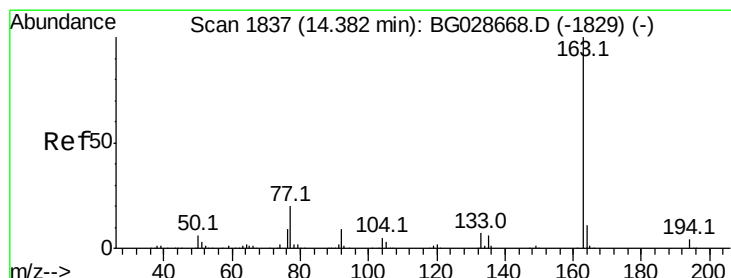
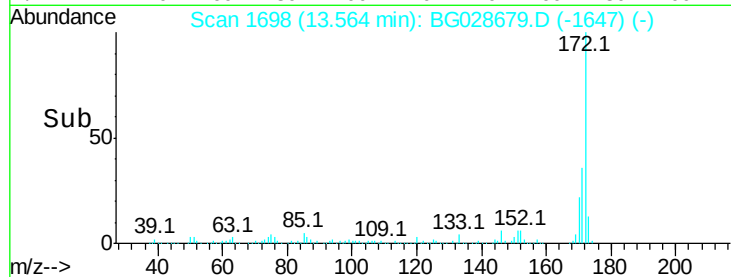
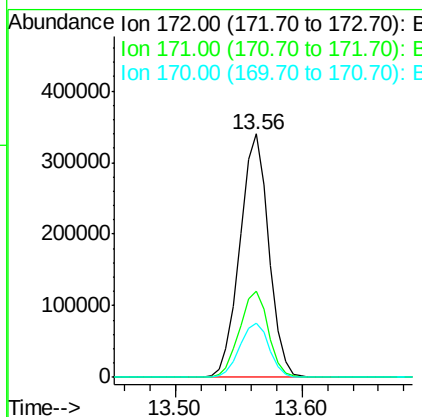
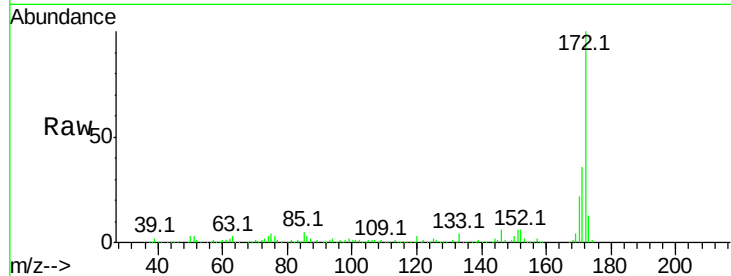




#44
2-Fluorobiphenyl
Concen: 95.204 ng
RT: 13.56 min Scan# 1698
Delta R.T. -0.00 min
Lab File: BG028679.D
Acq: 12 Sep 2017 21:10

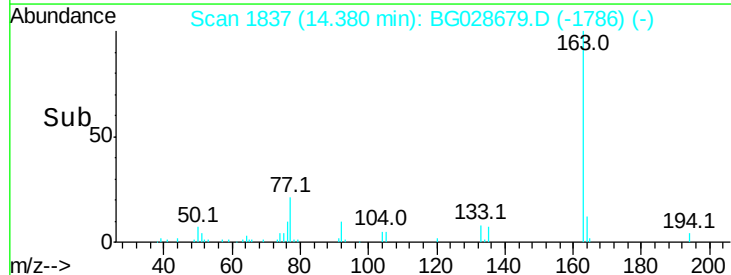
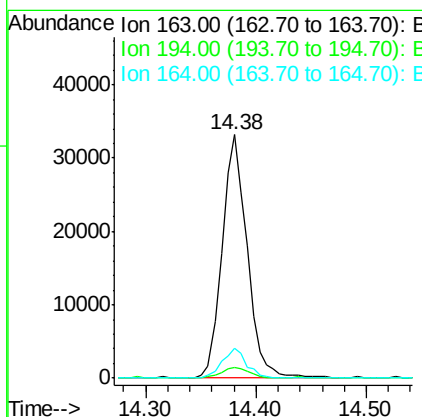
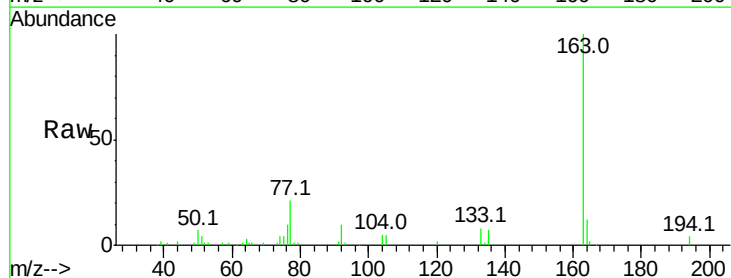
Instrument :
BNA_G
ClientSampleId :
EP-13

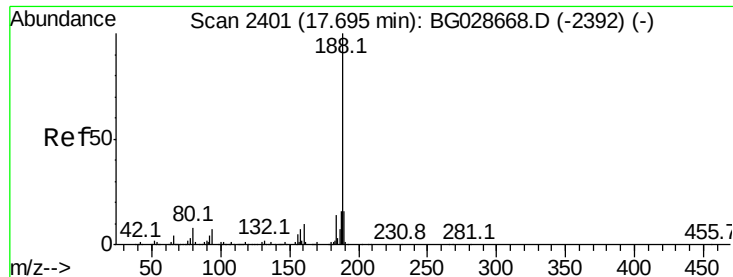
Tot Ion:172 Resp: 536094
Ion Ratio Lower Upper
172 100
171 35.6 32.2 48.2
170 22.3 21.8 32.6



#49
Dimethylphthalate
Concen: 8.352 ng
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028679.D
Acq: 12 Sep 2017 21:10

Tgt Ion:163 Resp: 52588
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 12.5 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

Instrument :

BNA_G

ClientSampleId :

EP-13

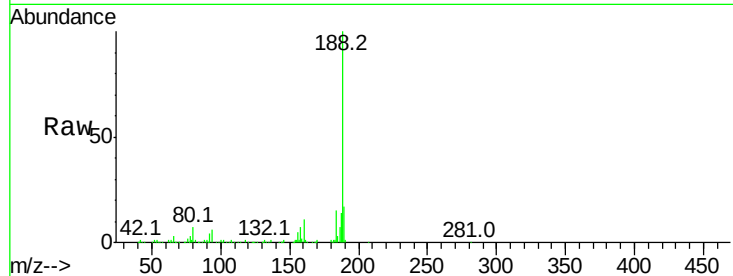
Tot Ion:188 Resp: 229233

Ion Ratio Lower Upper

188 100

94 5.7 5.8 8.8#

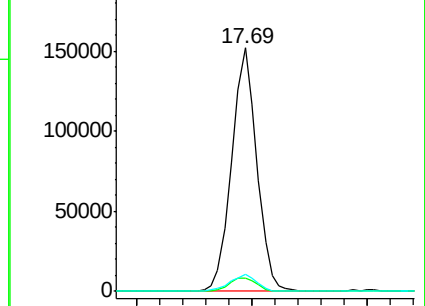
80 6.9 7.5 11.3#



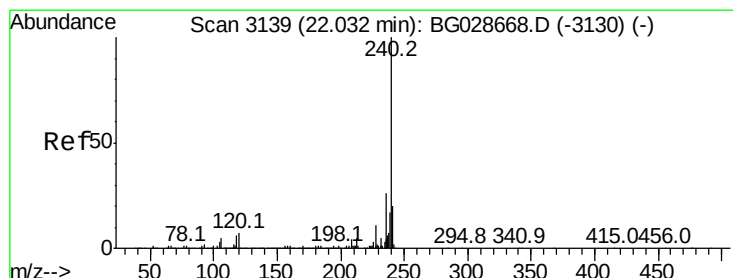
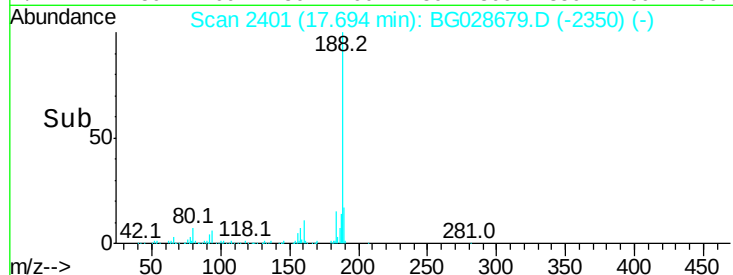
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

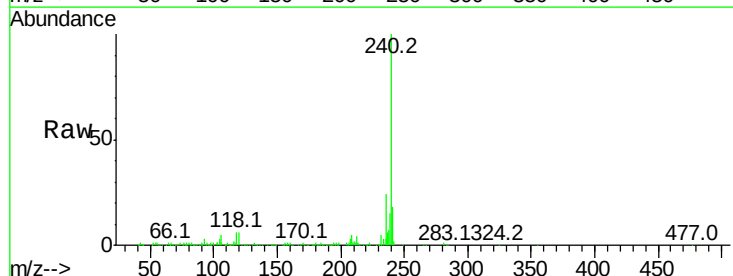
Tgt Ion:240 Resp: 266068

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

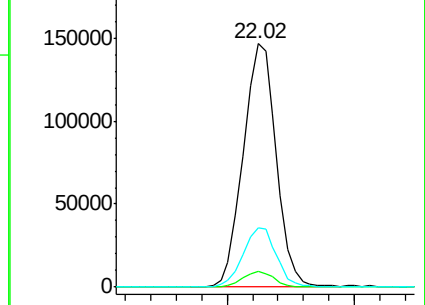
236 24.5 22.2 33.4



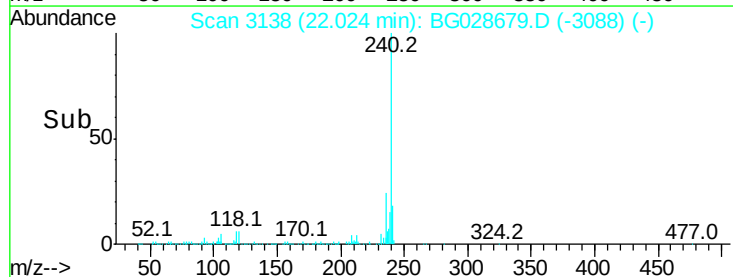
Abundance Ion 240.00 (239.70 to 240.70): E

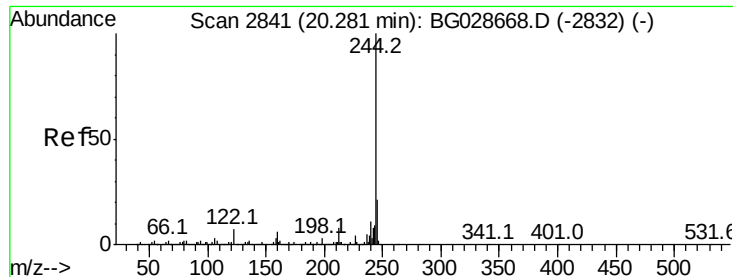
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 88.884 ng

RT: 20.28 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

Instrument :

BNA_G

ClientSampled :

EP-13

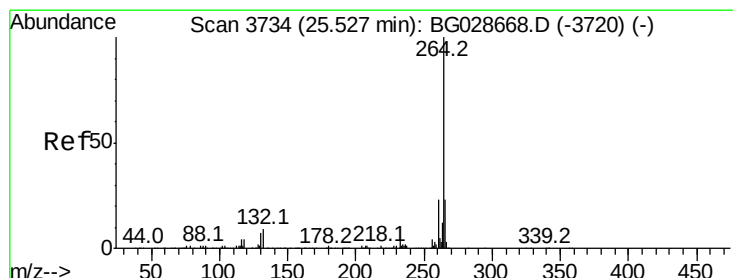
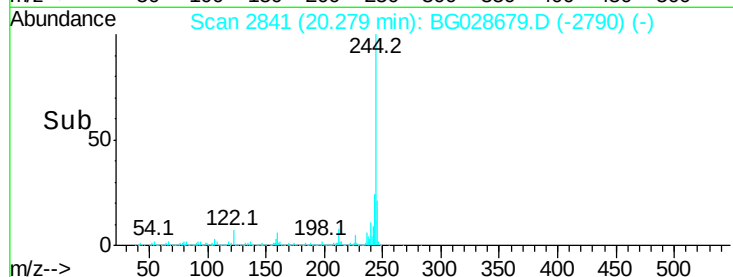
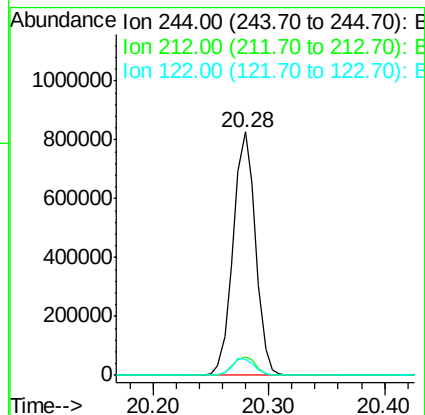
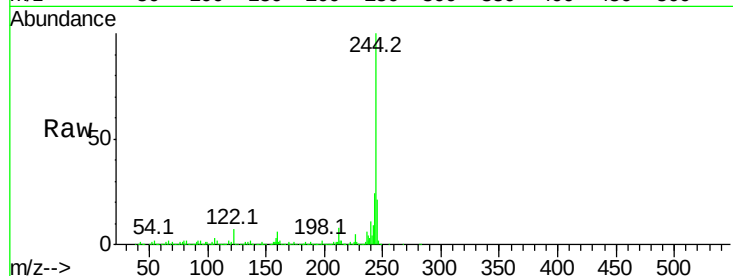
Tot Ion:244 Resp: 1108951

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

122 6.7 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.53 min Scan# 3734

Delta R.T. -0.00 min

Lab File: BG028679.D

Acq: 12 Sep 2017 21:10

Tgt Ion:264 Resp: 268098

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

265 19.8 18.2 27.4

