

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028817.D
 Acq On : 19 Sep 2017 5:41
 Operator : SJ/JU
 Sample : I5265-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-19D46

Quant Time: Sep 19 06:49:45 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

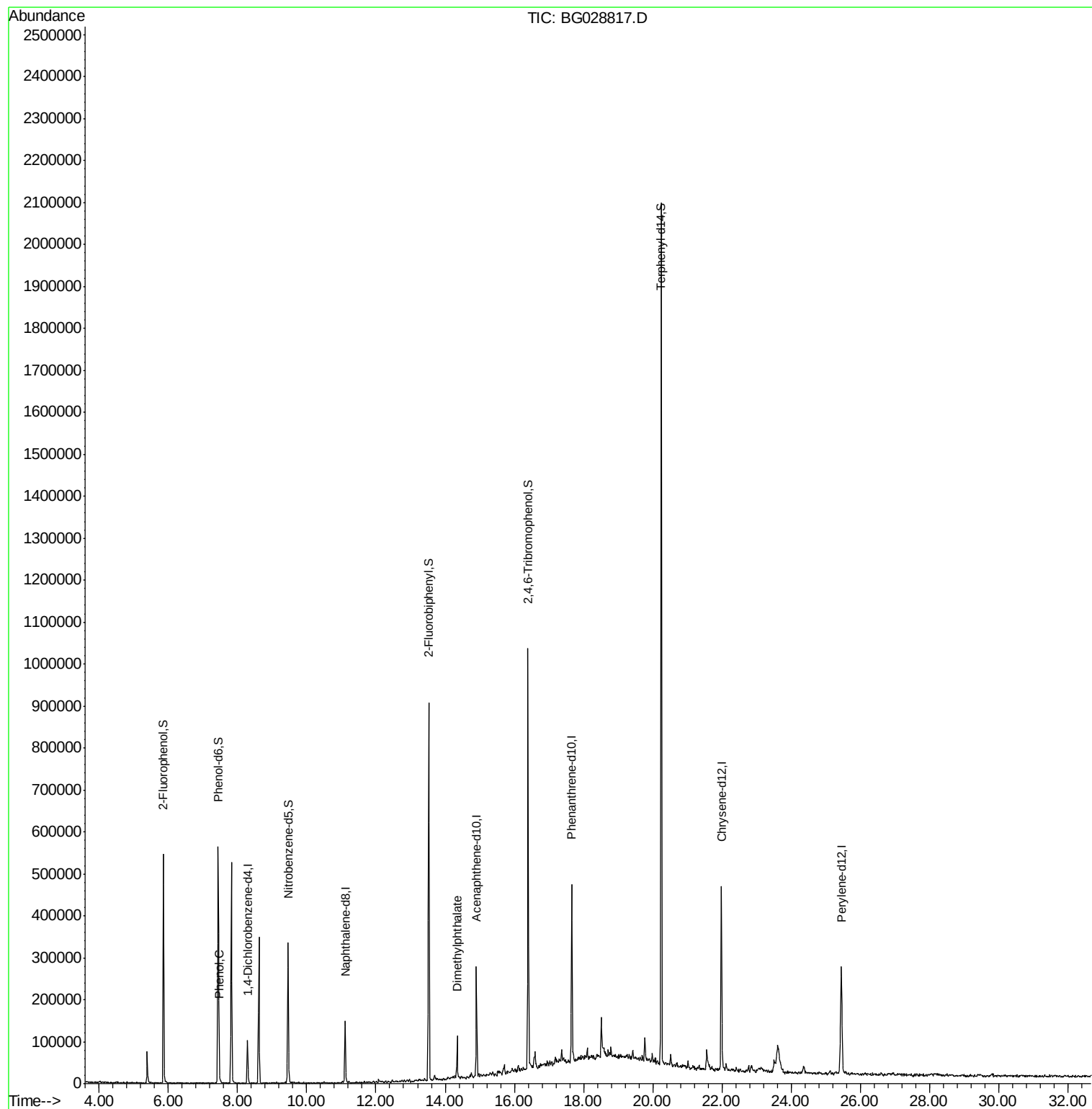
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	29683	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	125398	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	95314	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	261093	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	302678	20.00	ng	-0.05
86) Perylene-d12	25.45	264	321547	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	231059	128.44	ng	-0.05
7) Phenol-d6	7.44	99	335976	124.05	ng	-0.05
23) Nitrobenzene-d5	9.46	82	216820	82.71	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	217431	137.93	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	513120	71.78	ng	-0.04
78) Terphenyl-d14	20.25	244	975527	68.73	ng	-0.04
Target Compounds						
10) Phenol	7.47	94	7204	2.520	ng	94
49) Dimethylphthalate	14.34	163	60668	7.591	ng	96

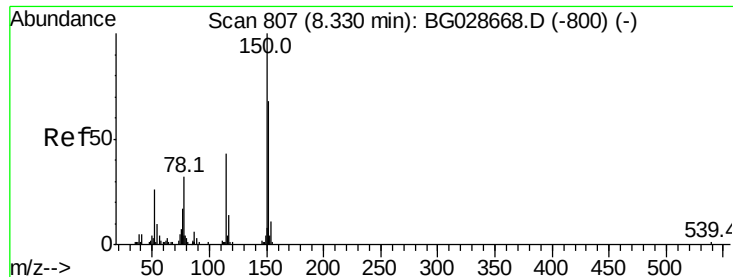
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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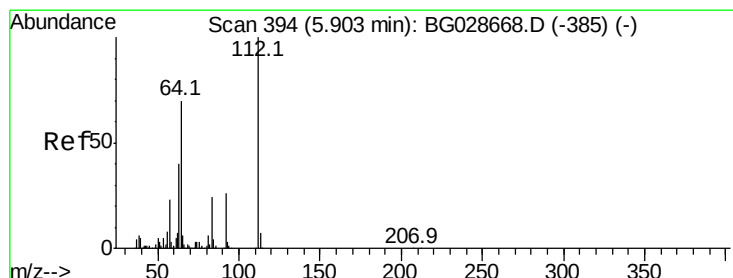
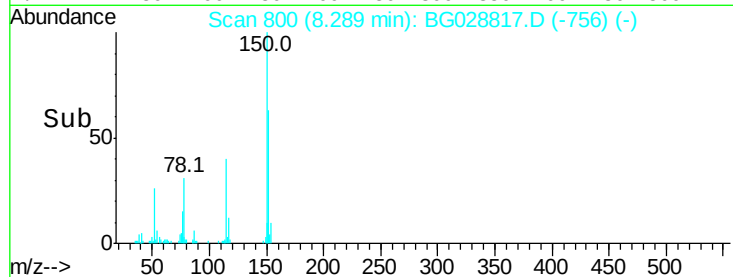
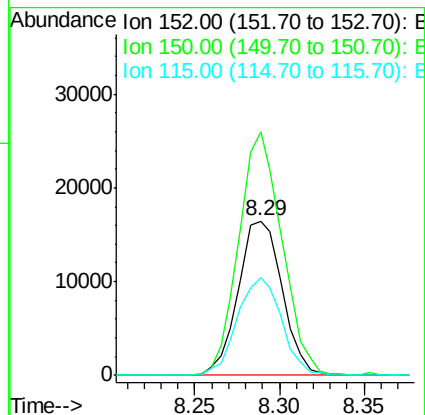
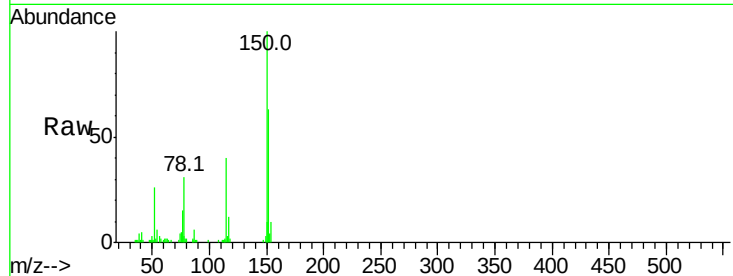


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028817.D
Acq: 19 Sep 2017 5:41

Instrument :
BNA_G
ClientSampleId :
TP-19D46

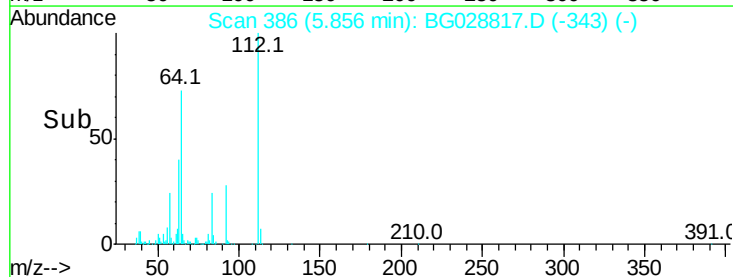
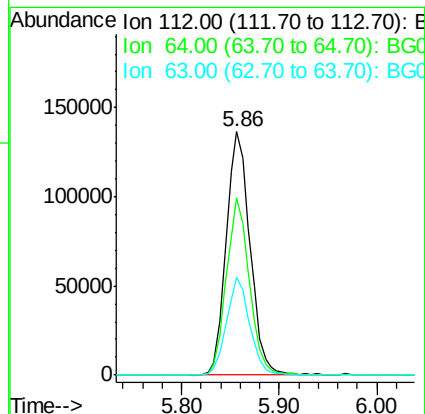
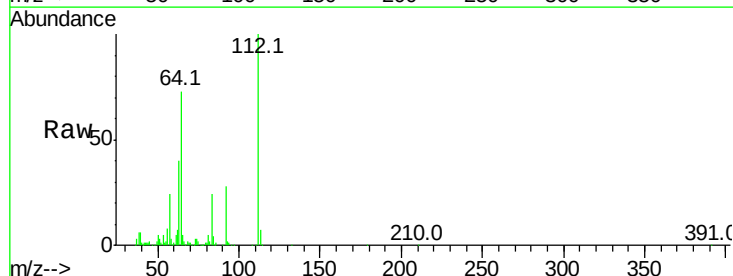
Tot Ion:152 Resp: 29683
Ion Ratio Lower Upper
152 100
150 157.5 114.0 171.0
115 63.6 48.1 72.1

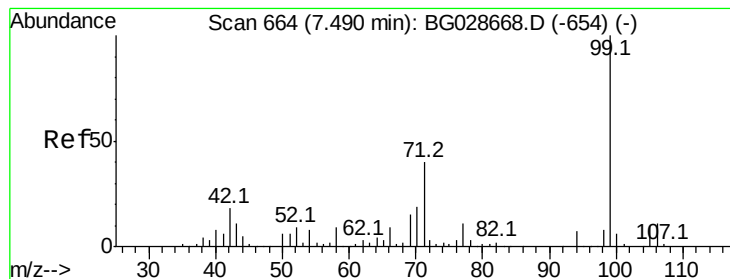


#5

2-Fluorophenol
Concen: 128.443 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028817.D
Acq: 19 Sep 2017 5:41

Tgt Ion:112 Resp: 231059
Ion Ratio Lower Upper
112 100
64 72.7 61.8 92.6
63 40.2 37.2 55.8





#7

Phenol-d6

Concen: 124.046 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028817.D

Acq: 19 Sep 2017 5:41

Instrument :

BNA_G

ClientSampleId :

TP-19D46

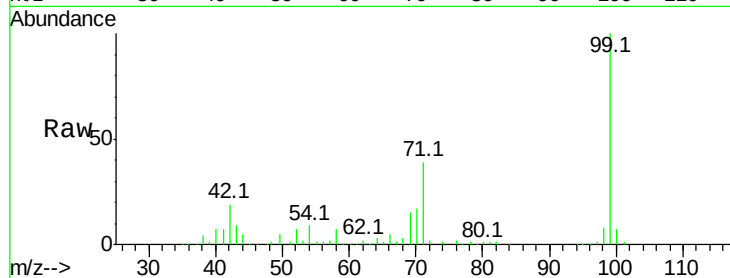
Tot Ion: 99 Resp: 335976

Ion Ratio Lower Upper

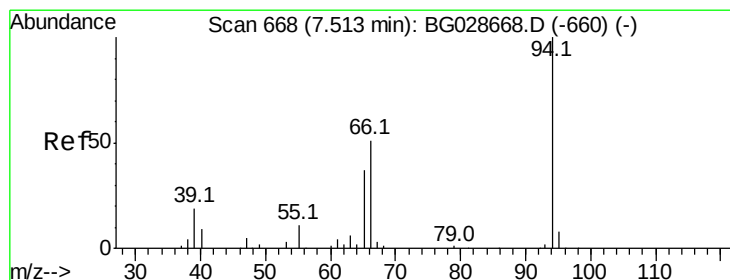
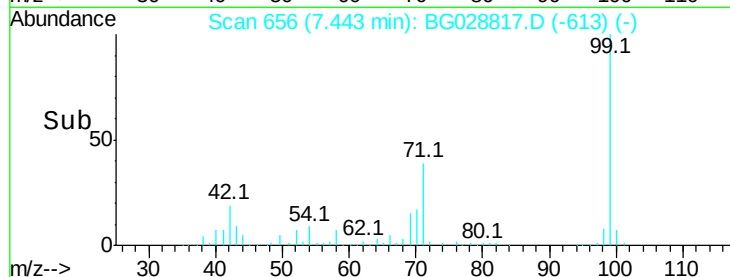
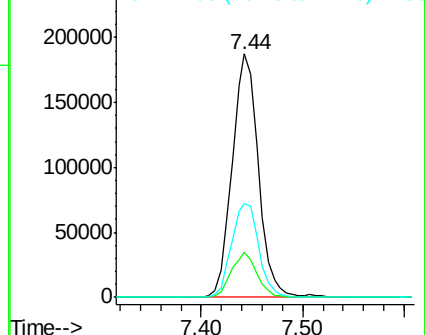
99 100

42 18.8 20.5 30.7#

71 38.8 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: 2.520 ng

RT: 7.47 min Scan# 661

Delta R.T. -0.04 min

Lab File: BG028817.D

Acq: 19 Sep 2017 5:41

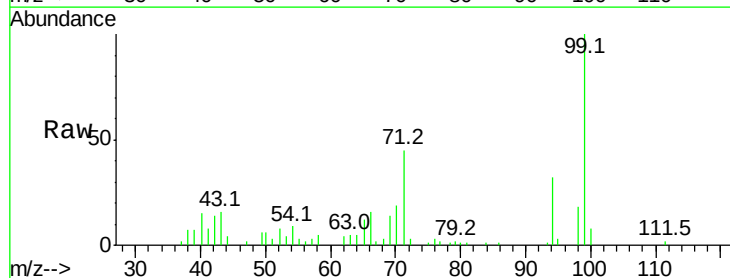
Tgt Ion: 94 Resp: 7204

Ion Ratio Lower Upper

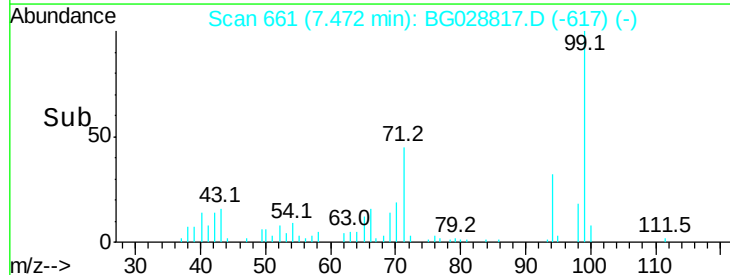
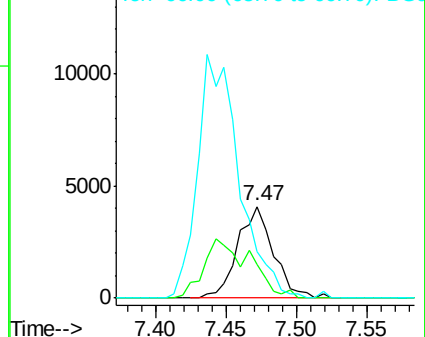
94 100

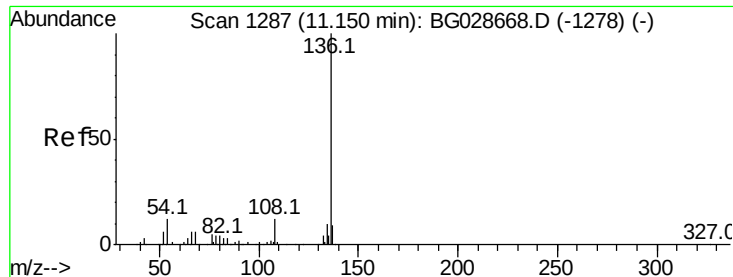
65 37.3 20.6 60.6

66 50.8 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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028817.D

Acq: 19 Sep 2017 5:41

Instrument :

BNA_G

ClientSampled :

TP-19D46

Tot Ion:136 Resp: 125398

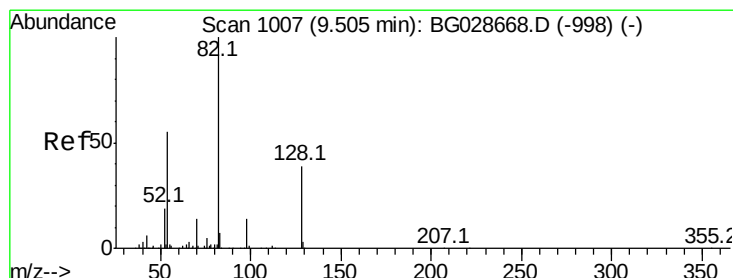
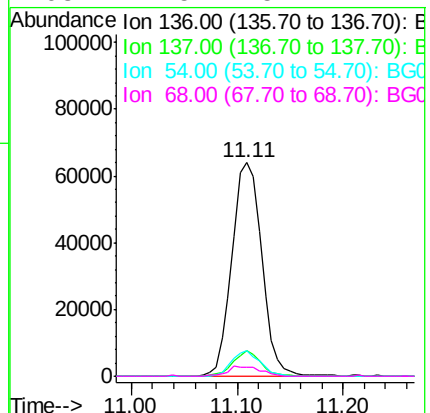
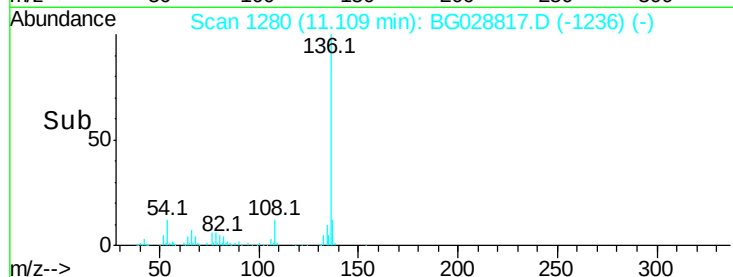
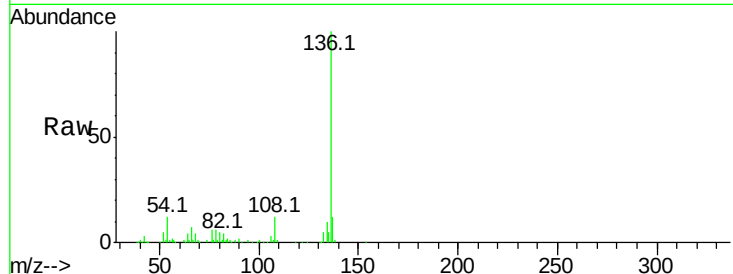
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 11.8 9.3 13.9

68 4.5 5.1 7.7#



#23

Nitrobenzene-d5

Concen: 82.713 ng

RT: 9.46 min Scan# 999

Delta R.T. -0.05 min

Lab File: BG028817.D

Acq: 19 Sep 2017 5:41

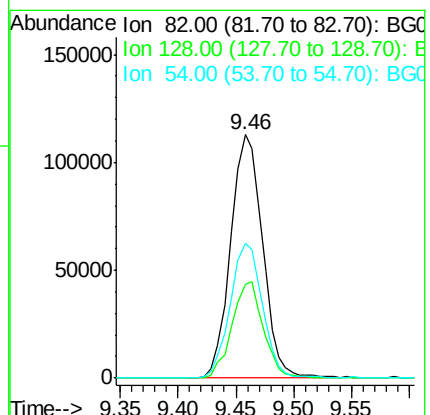
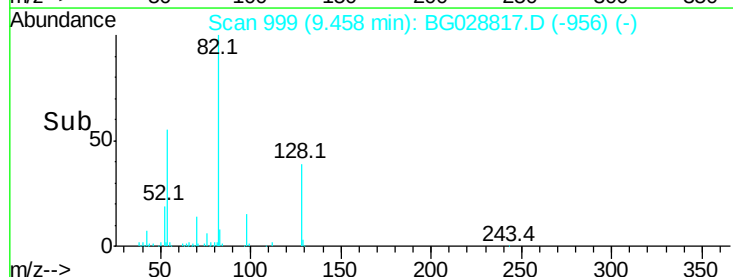
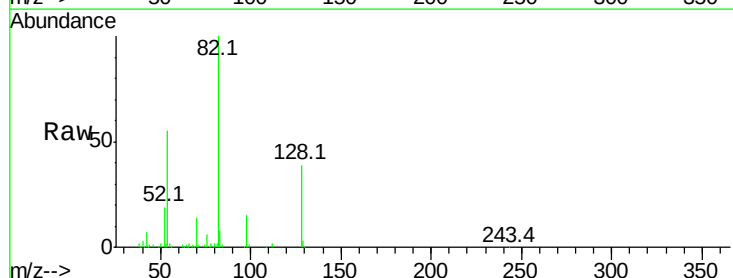
Tgt Ion: 82 Resp: 216820

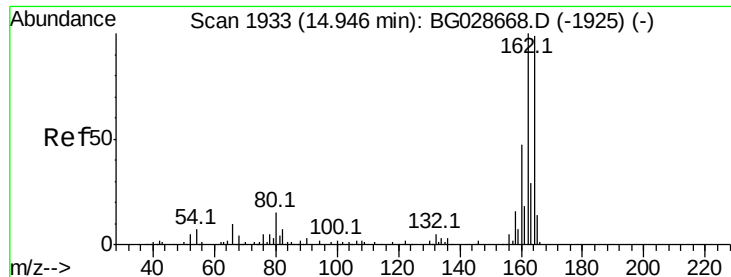
Ion Ratio Lower Upper

82 100

128 38.8 26.4 39.6

54 55.2 49.4 74.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.90 min Scan# 1926

Delta R.T. -0.04 min

Lab File: BG028817.D

Acq: 19 Sep 2017 5:41

Instrument :

BNA_G

ClientSampleId :

TP-19D46

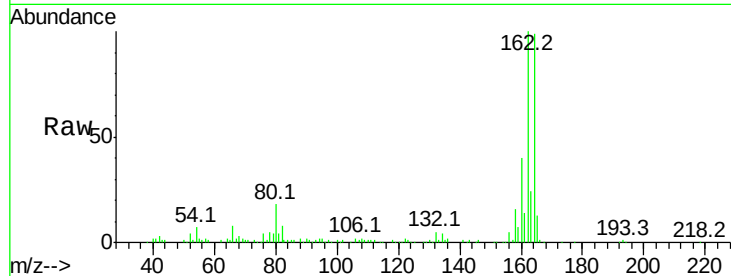
Tot Ion:164 Resp: 95314

Ion Ratio Lower Upper

164 100

162 100.9 85.1 127.7

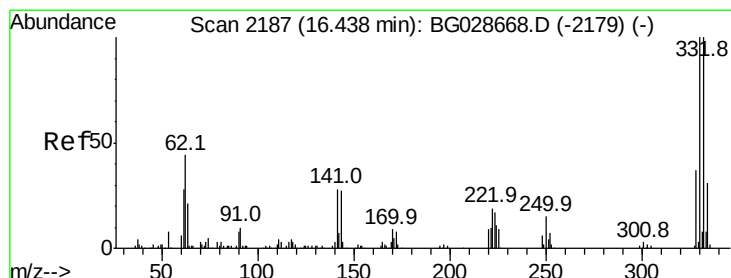
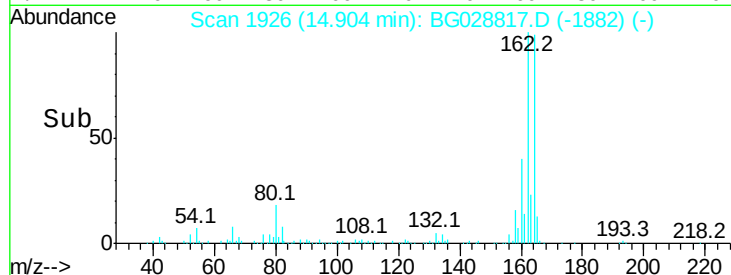
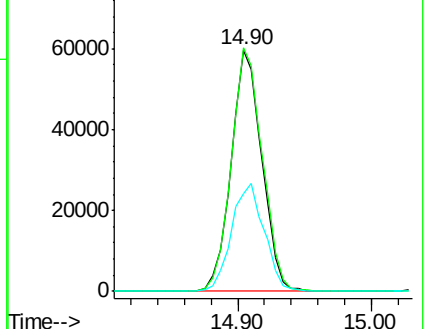
160 40.7 34.7 52.1



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: 137.926 ng

RT: 16.40 min Scan# 2180

Delta R.T. -0.04 min

Lab File: BG028817.D

Acq: 19 Sep 2017 5:41

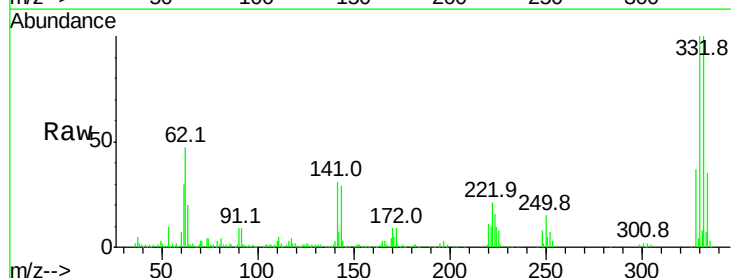
Tgt Ion:330 Resp: 217431

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

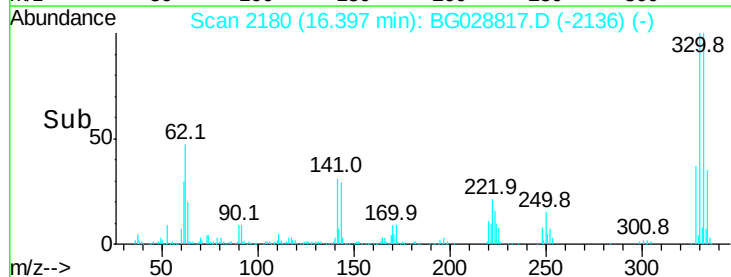
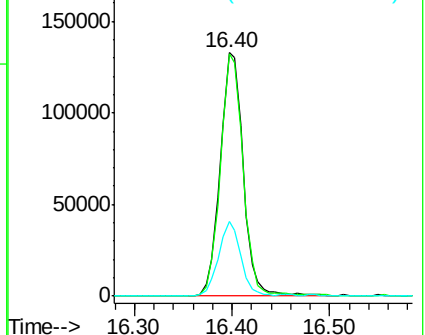
141 29.5 32.1 48.1#

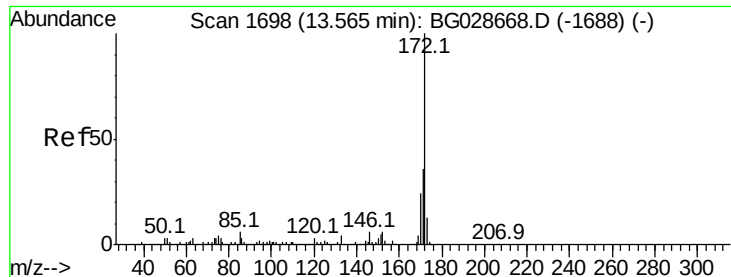


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

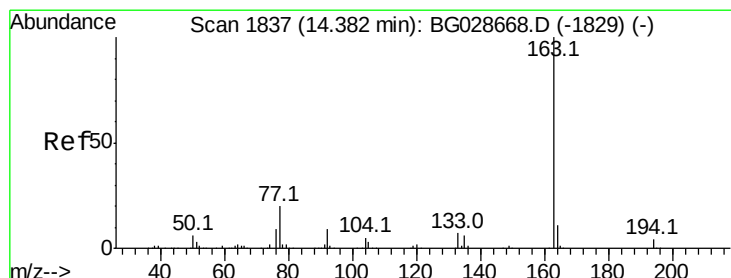
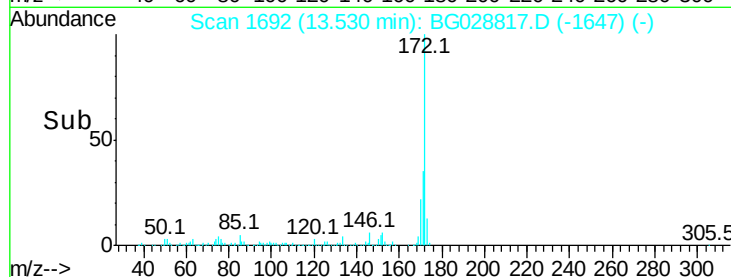
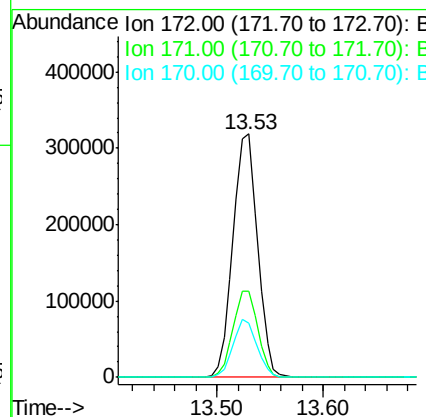
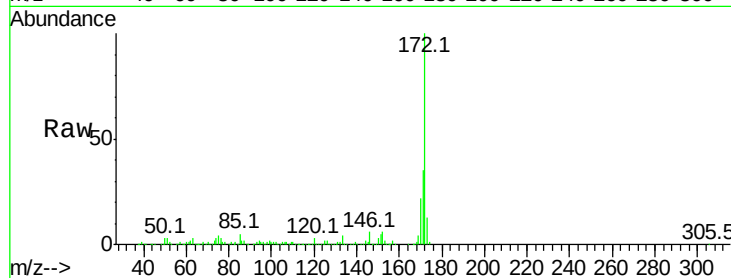




#44
2-Fluorobiphenyl
Concen: 71.784 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.04 min
Lab File: BG028817.D
Acq: 19 Sep 2017 5:41

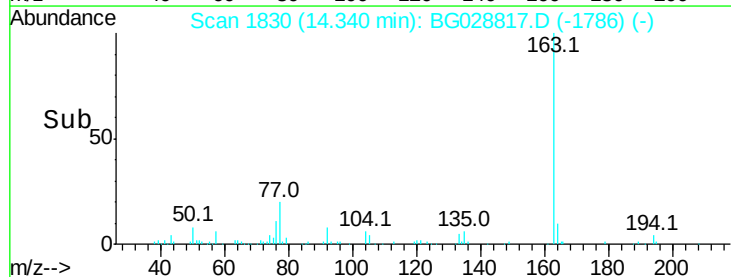
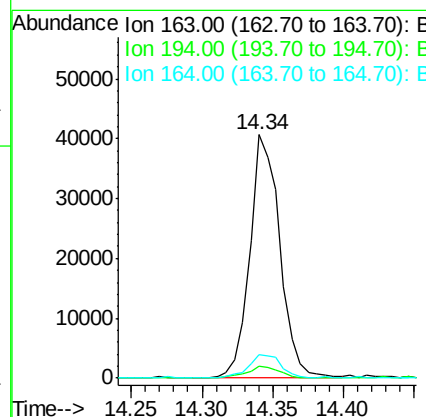
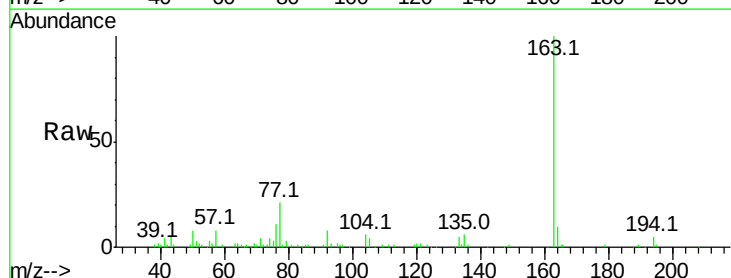
Instrument :
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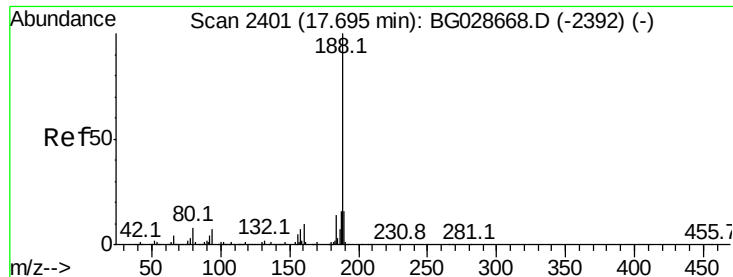
Tot Ion:172 Resp: 513120
Ion Ratio Lower Upper
172 100
171 35.3 32.2 48.2
170 22.1 21.8 32.6



#49
Dimethylphthalate
Concen: 7.591 ng
RT: 14.34 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BG028817.D
Acq: 19 Sep 2017 5:41

Tgt Ion:163 Resp: 60668
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 9.7 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.04 min

Lab File: BG028817.D

Acq: 19 Sep 2017 5:41

Instrument :

BNA_G

ClientSampleId :

TP-19D46

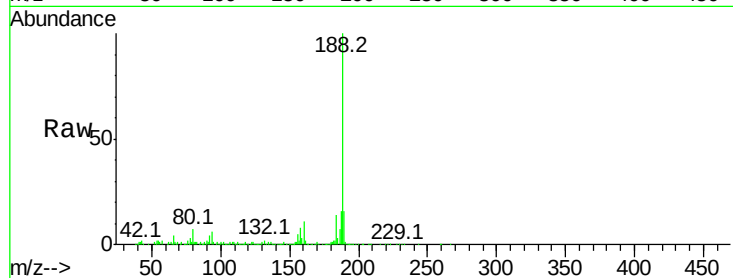
Tot Ion:188 Resp: 261093

Ion Ratio Lower Upper

188 100

94 6.2 5.8 8.8

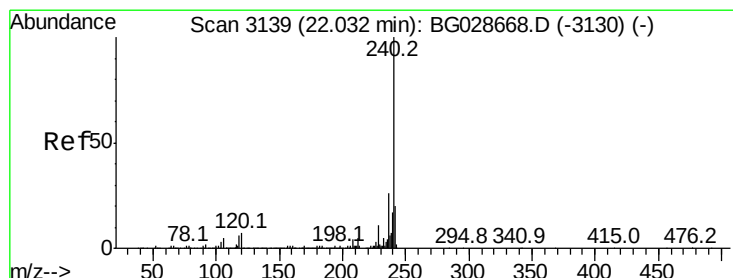
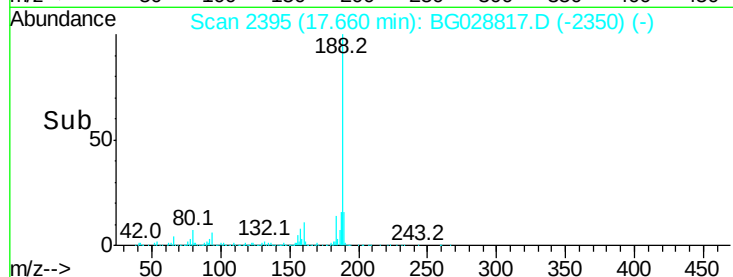
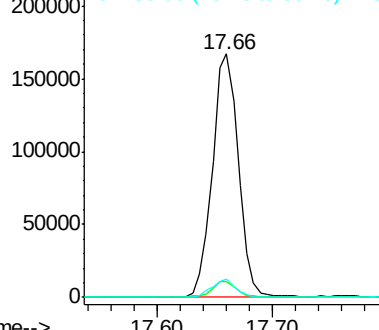
80 7.4 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3130

Delta R.T. -0.05 min

Lab File: BG028817.D

Acq: 19 Sep 2017 5:41

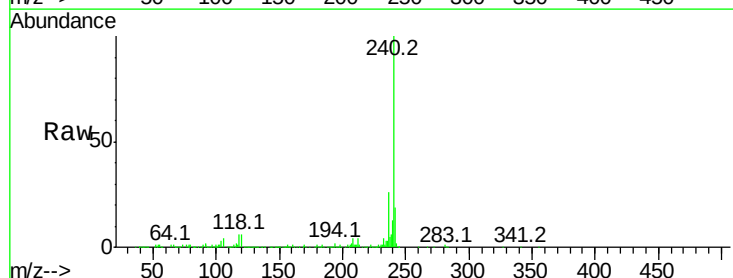
Tgt Ion:240 Resp: 302678

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

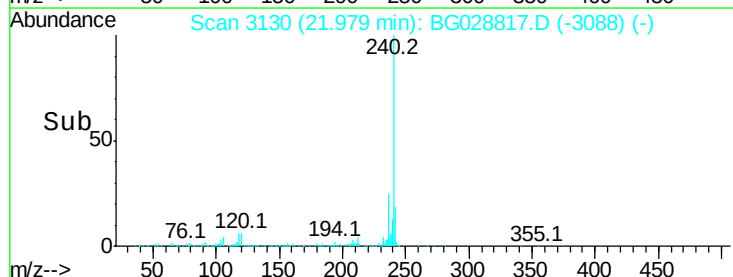
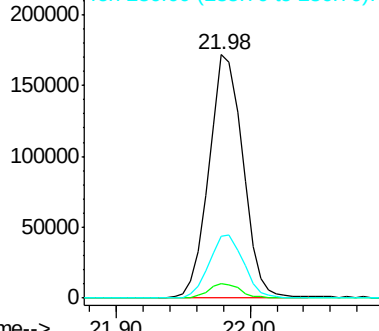
236 25.5 22.2 33.4

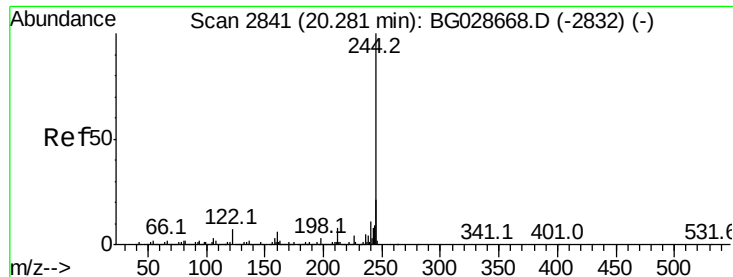


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.732 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028817.D

Acq: 19 Sep 2017 5:41

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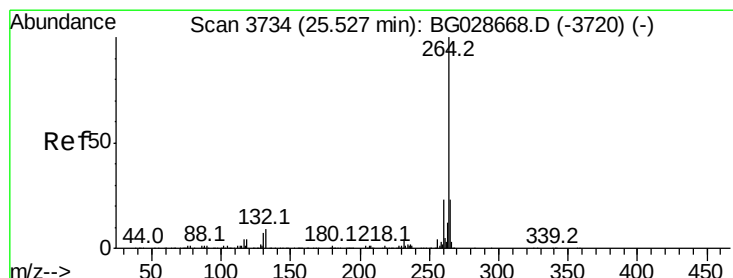
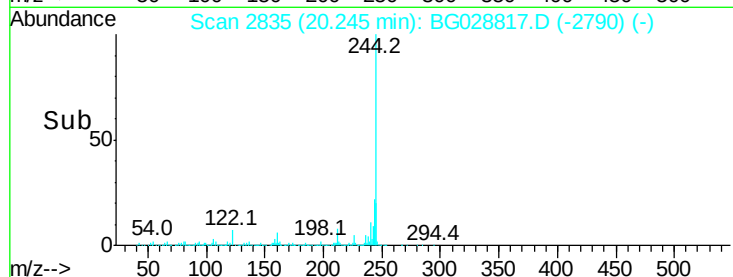
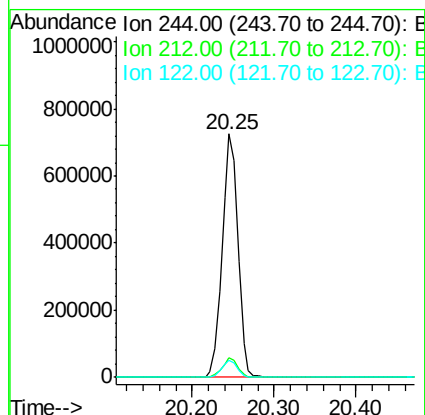
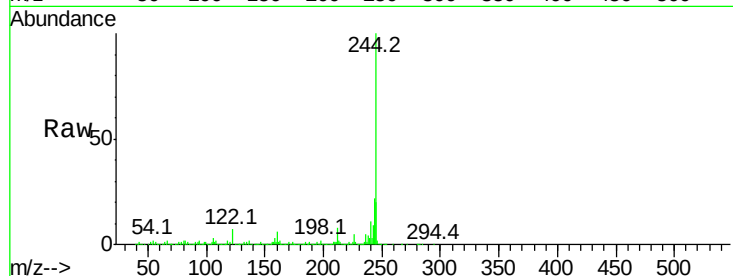
Tot Ion:244 Resp: 975527

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

122 7.2 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.45 min Scan# 3721

Delta R.T. -0.08 min

Lab File: BG028817.D

Acq: 19 Sep 2017 5:41

Tgt Ion:264 Resp: 321547

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 21.2 18.2 27.4

