

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027234.D
 Acq On : 6 Jun 2017 5:04
 Operator : SJ/MA
 Sample : I3405-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R1-SB-2D1213

Quant Time: Jun 06 06:40:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

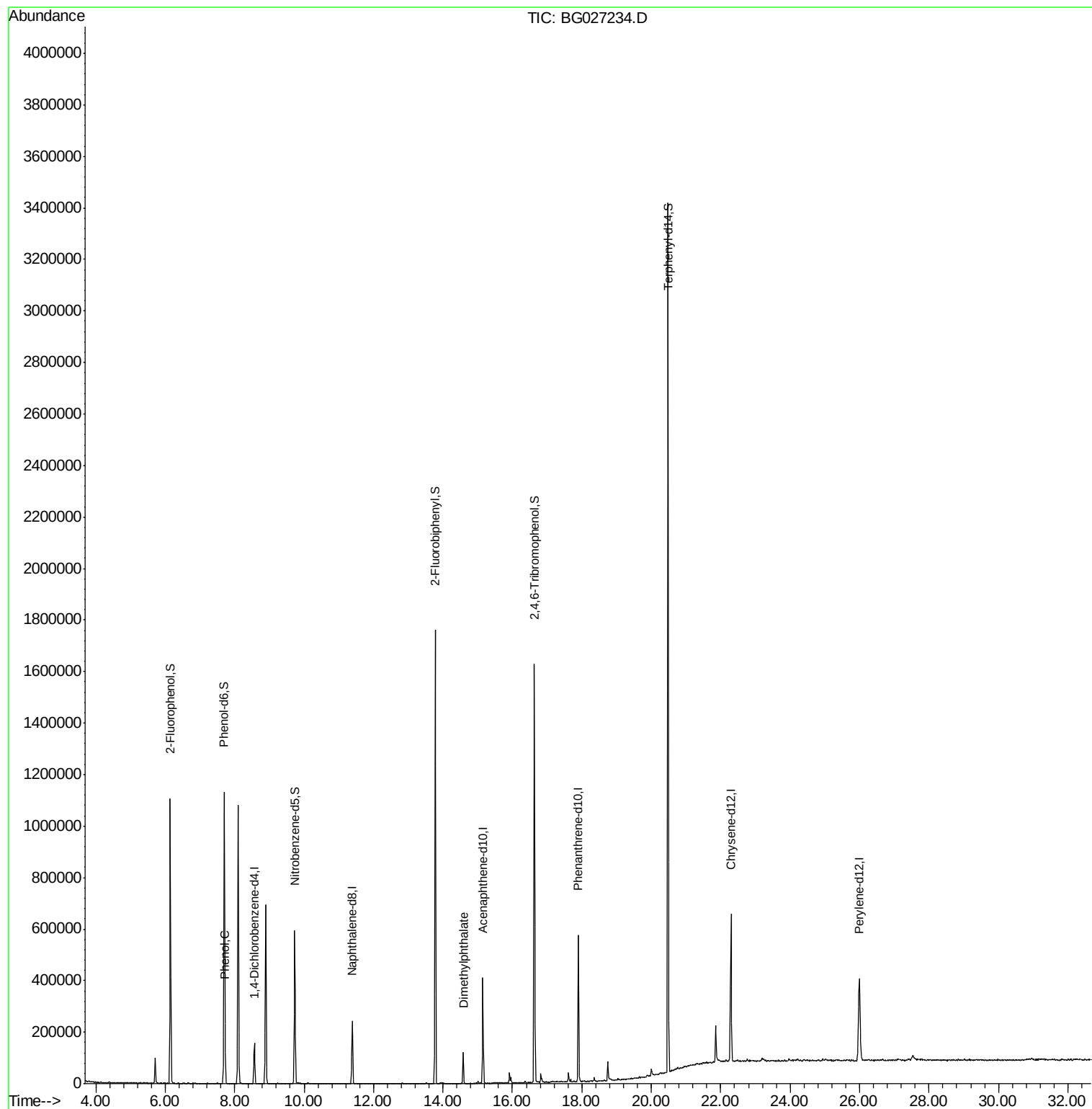
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	47473	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	224890	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	147743	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	372433	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	429680	20.00	ng	-0.01
86) Perylene-d12	25.99	264	403423	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	543388	174.67	ng	0.00
7) Phenol-d6	7.70	99	760341	166.50	ng	0.00
23) Nitrobenzene-d5	9.73	82	394822	110.41	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	352727	181.30	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	982805	93.06	ng	-0.01
78) Terphenyl-d14	20.49	244	1570666	93.25	ng	0.00
Target Compounds						
10) Phenol	7.73	94	38325	8.21	ng	81
49) Dimethylphthalate	14.59	163	82811	7.07	ng	97

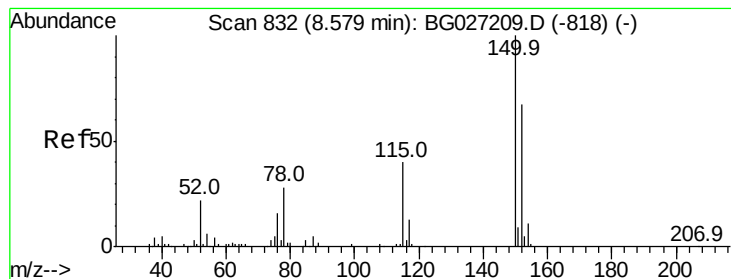
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

Instrument :

BNA_G

ClientSampleId :

R1-SB-2D1213

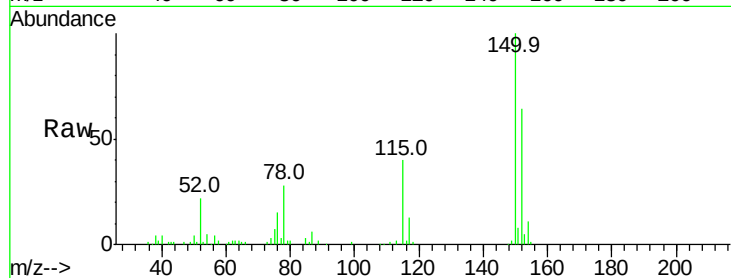
Tot Ion:152 Resp: 47473

Ion Ratio Lower Upper

152 100

150 155.3 114.0 171.0

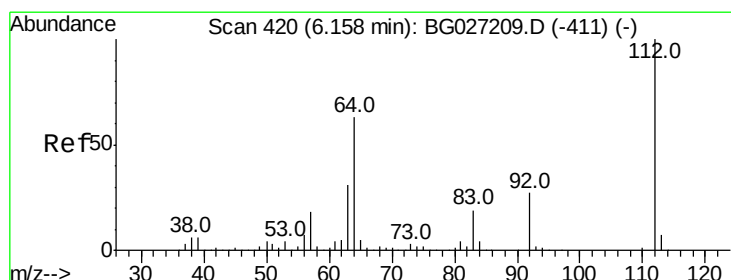
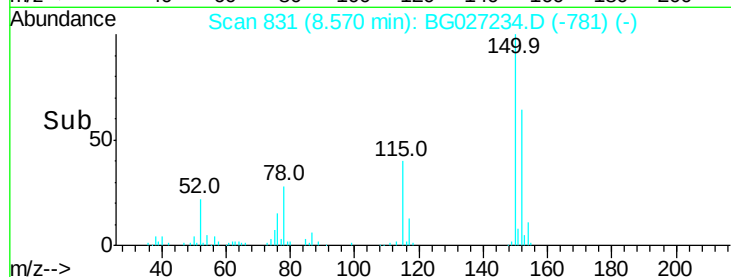
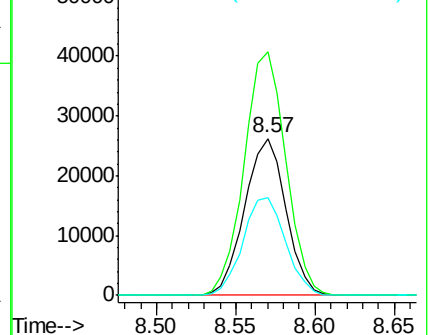
115 62.2 48.1 72.1



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: 174.67 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

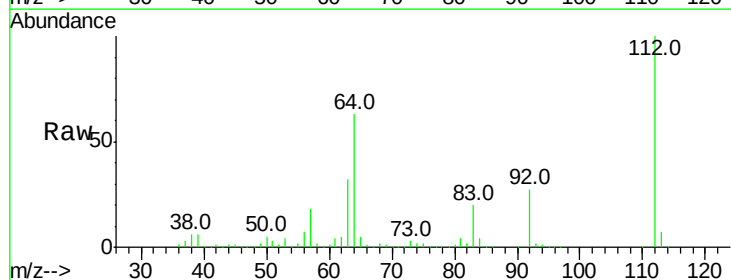
Tgt Ion:112 Resp: 543388

Ion Ratio Lower Upper

112 100

64 62.6 61.8 92.6

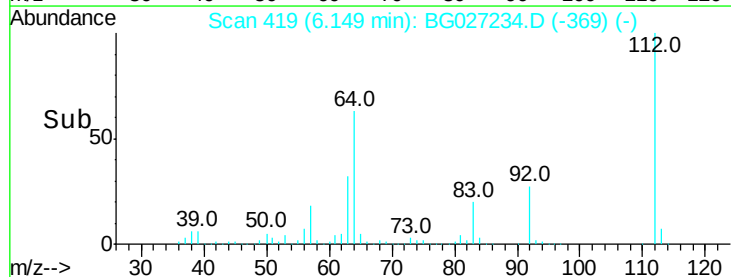
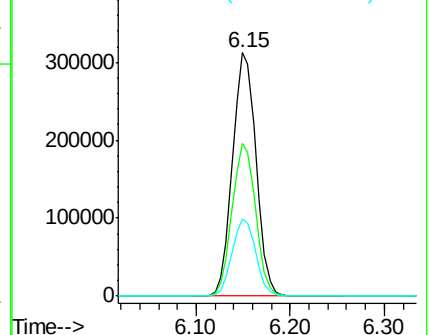
63 31.9 37.2 55.8#

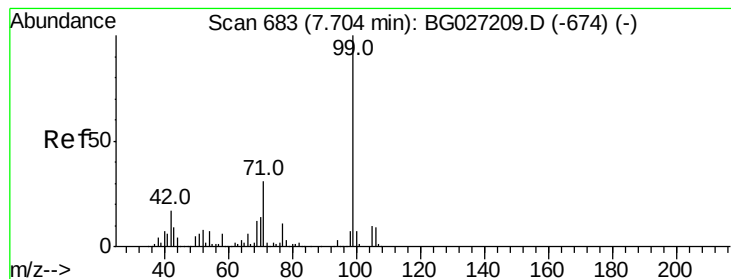


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 166.50 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

Instrument :

BNA_G

ClientSampleId :

R1-SB-2D1213

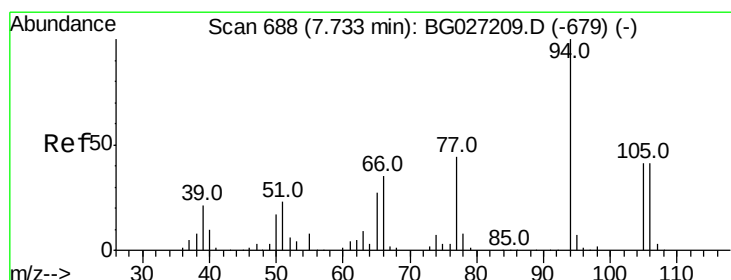
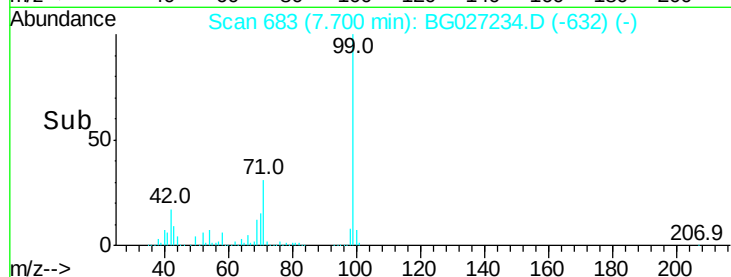
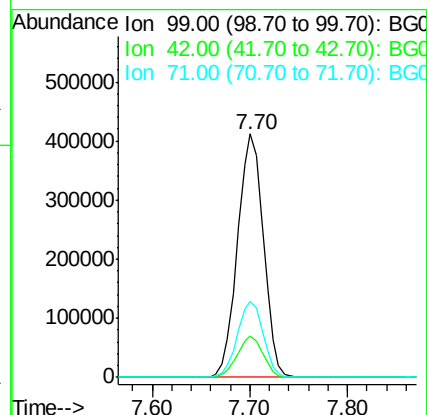
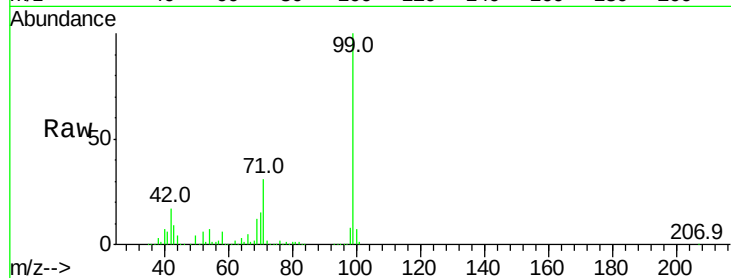
Tot Ion: 99 Resp: 760341

Ion Ratio Lower Upper

99 100

42 16.8 20.5 30.7#

71 31.4 37.6 56.4#



#10

Phenol

Concen: 8.21 ng

RT: 7.73 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

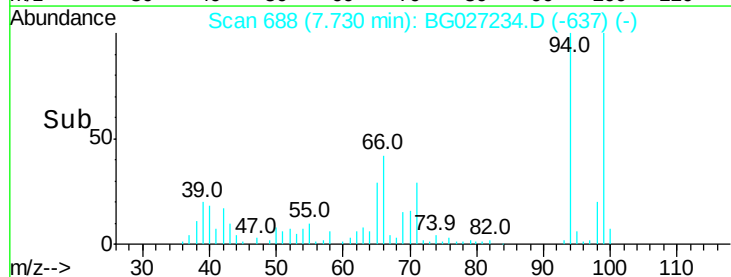
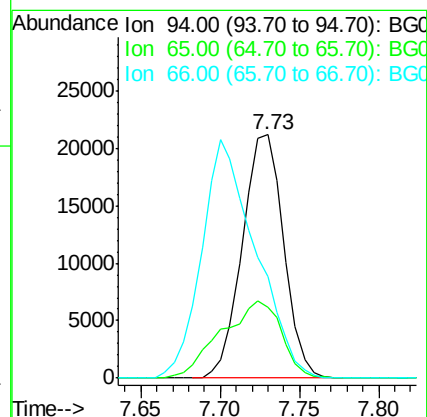
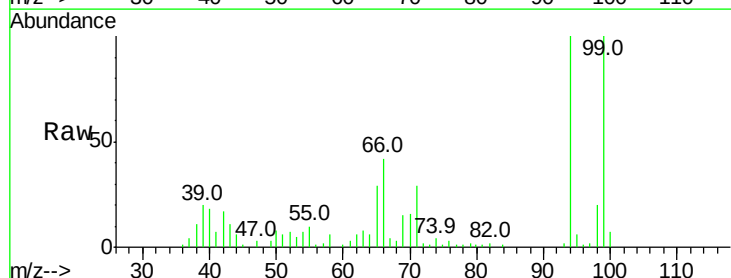
Tgt Ion: 94 Resp: 38325

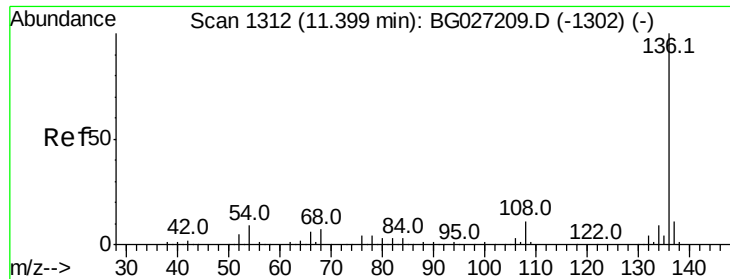
Ion Ratio Lower Upper

94 100

65 29.1 20.6 60.6

66 41.8 35.5 75.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

Instrument :

BNA_G

ClientSampleId :

R1-SB-2D1213

Tot Ion:136 Resp: 224890

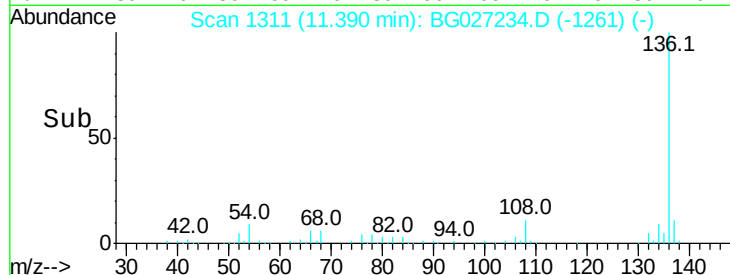
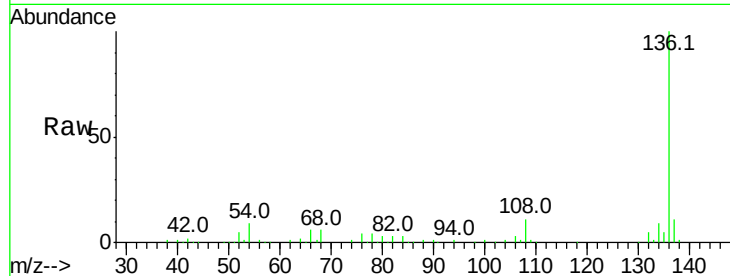
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.8 9.3 13.9#

68 6.1 5.1 7.7

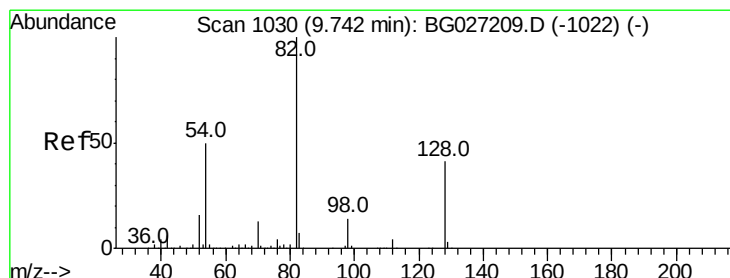
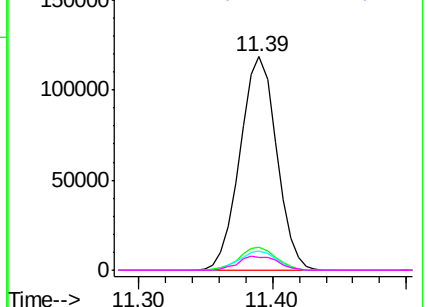


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.41 ng

RT: 9.73 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

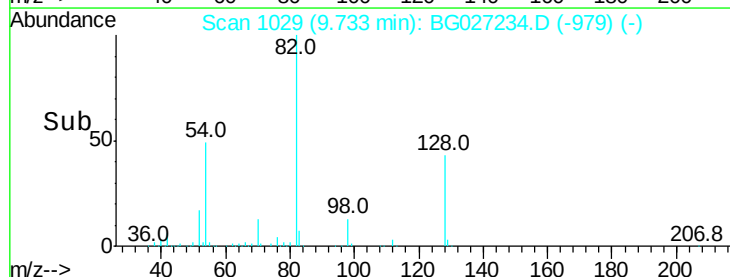
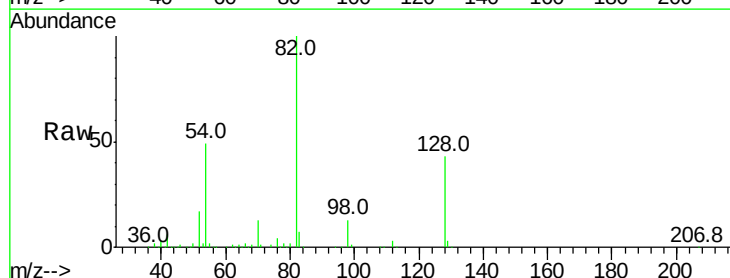
Tgt Ion: 82 Resp: 394822

Ion Ratio Lower Upper

82 100

128 42.7 26.4 39.6#

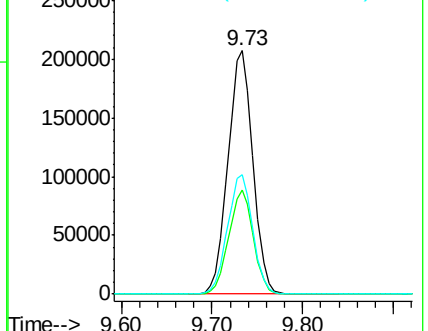
54 48.9 49.4 74.2#

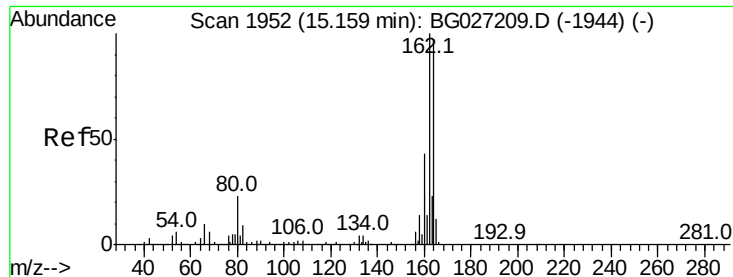


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.15 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

Instrument :

BNA_G

ClientSampleId :

R1-SB-2D1213

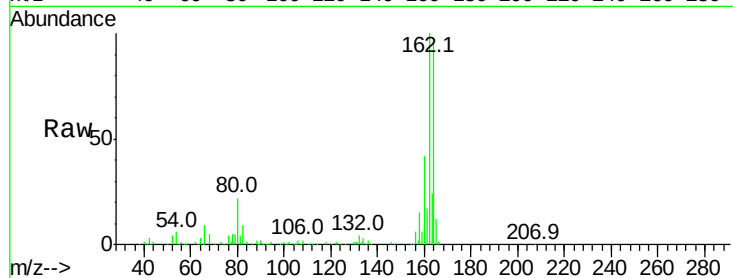
Tot Ion:164 Resp: 147743

Ion Ratio Lower Upper

164 100

162 105.0 85.1 127.7

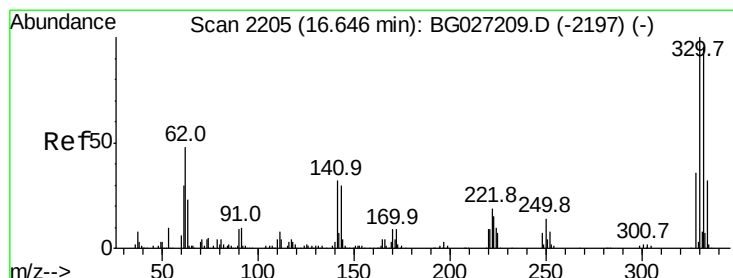
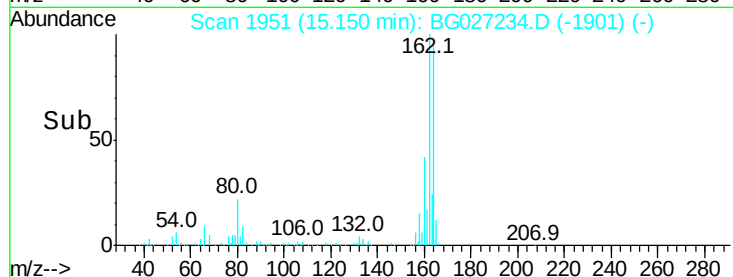
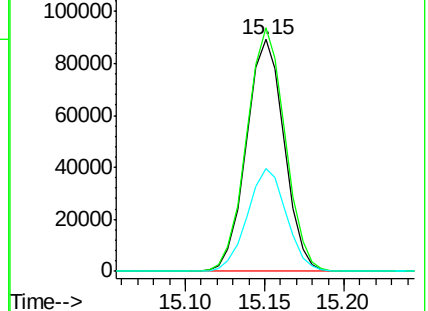
160 44.2 34.7 52.1



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: 181.30 ng

RT: 16.64 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

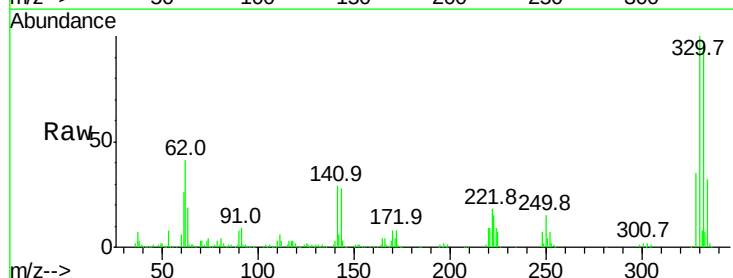
Tgt Ion:330 Resp: 352727

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

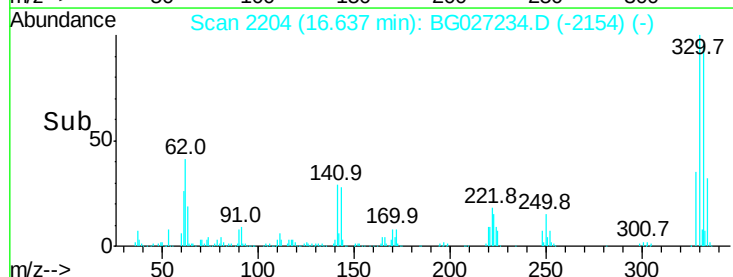
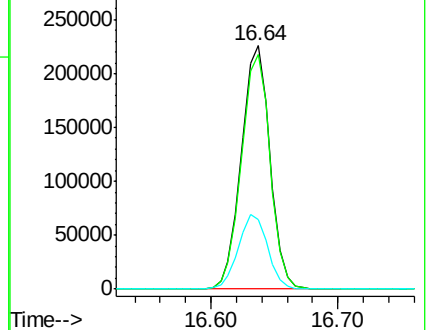
141 31.5 32.1 48.1#

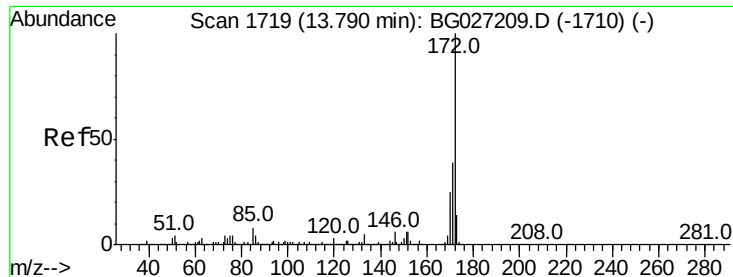


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

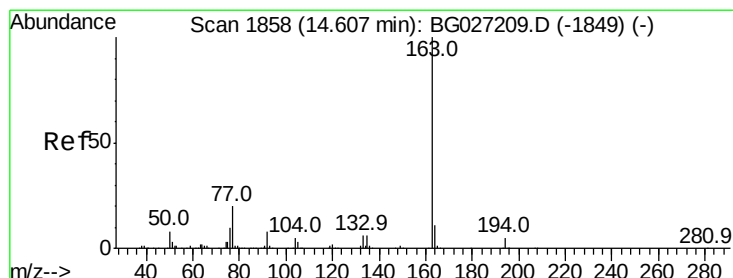
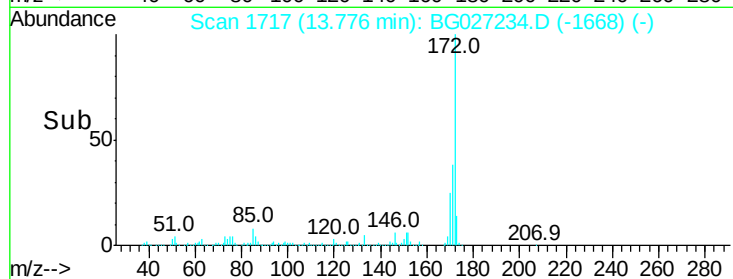
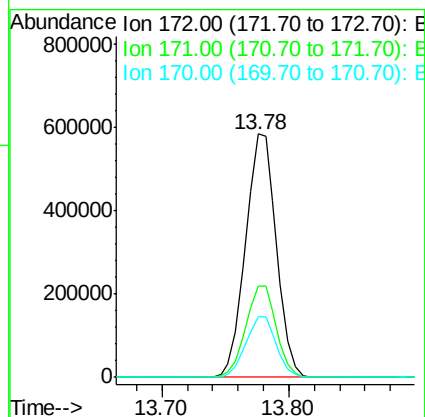
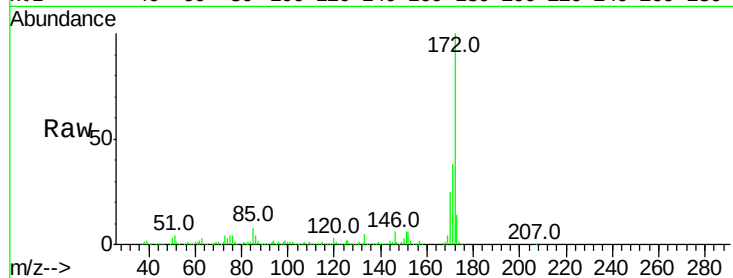




#44
2-Fluorobiphenyl
Concen: 93.06 ng
RT: 13.78 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG027234.D
Acq: 6 Jun 2017 5:04

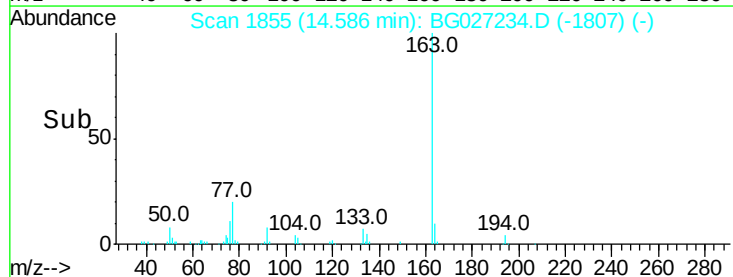
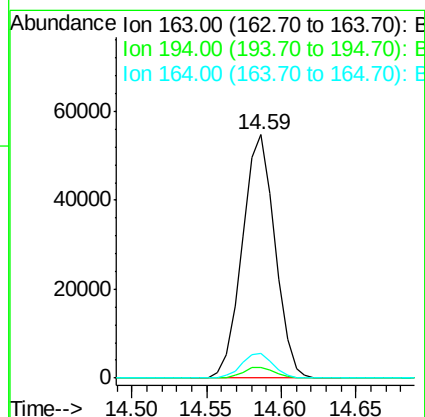
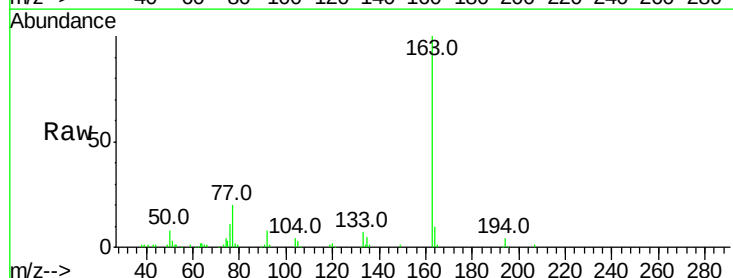
Instrument :
BNA_G
ClientSampleId :
R1-SB-2D1213

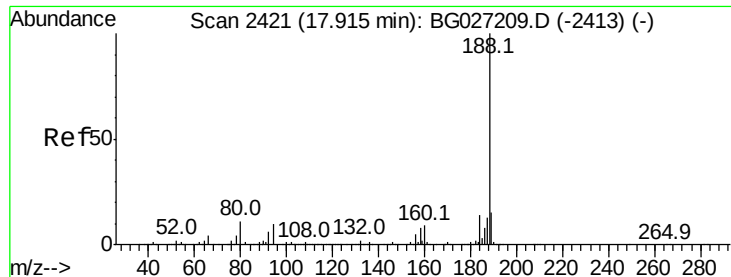
Tot Ion:	172	Resp:	982805
Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.8	21.8	32.6



#49
Dimethylphthalate
Concen: 7.07 ng
RT: 14.59 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG027234.D
Acq: 6 Jun 2017 5:04

Tgt Ion:	163	Resp:	82811
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.4	9.3	13.9

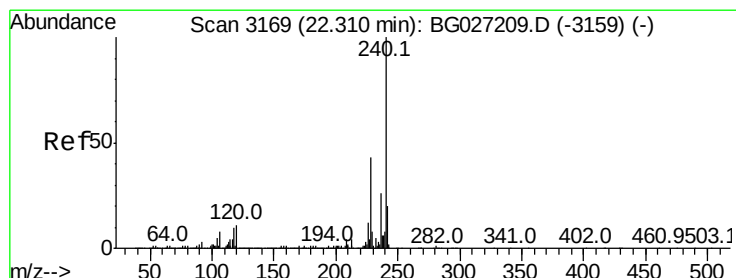
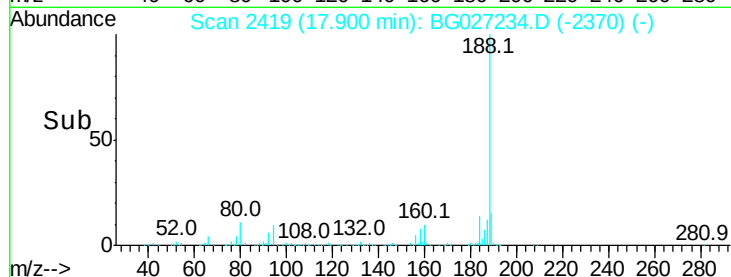
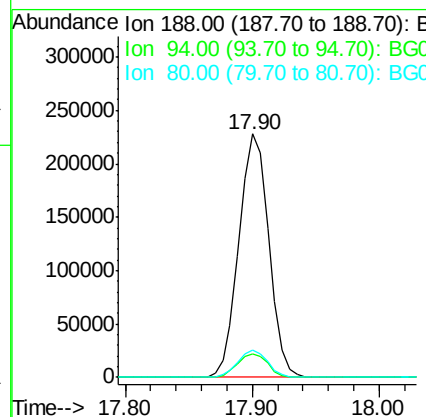
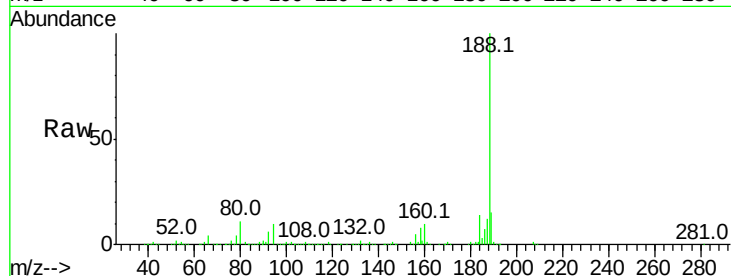




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027234.D
Acq: 6 Jun 2017 5:04

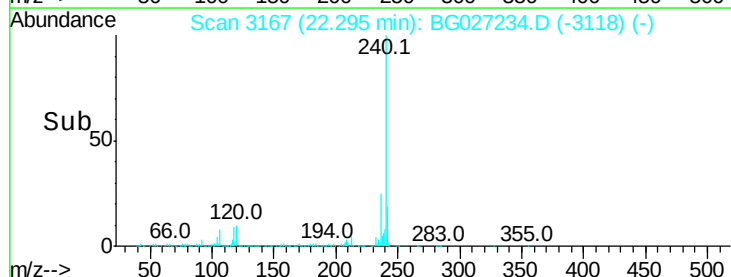
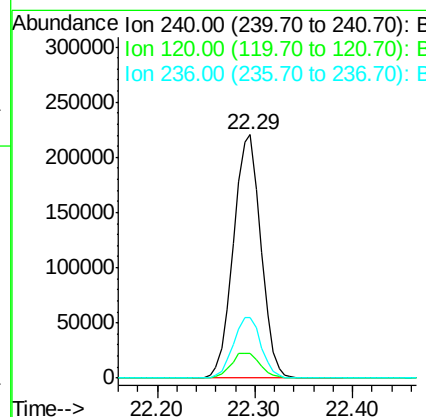
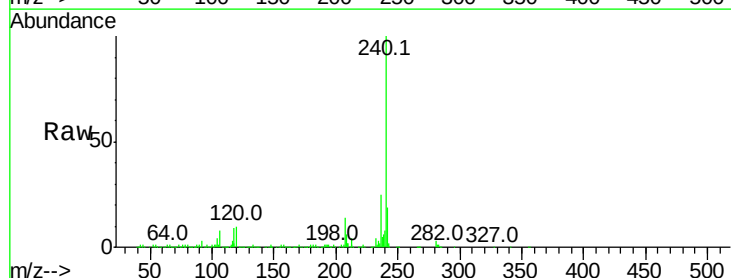
Instrument :
BNA_G
ClientSampleId :
R1-SB-2D1213

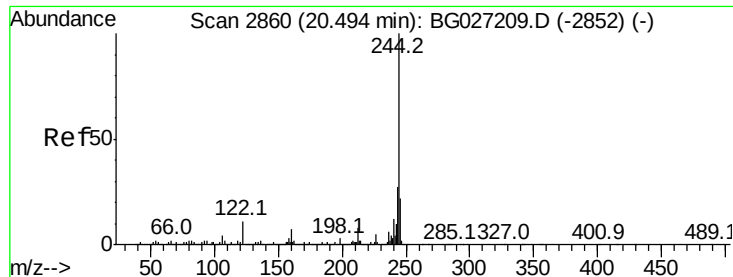
Tot Ion:188 Resp: 372433
Ion Ratio Lower Upper
188 100
94 9.6 5.8 8.8#
80 11.1 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.29 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG027234.D
Acq: 6 Jun 2017 5:04

Tgt Ion:240 Resp: 429680
Ion Ratio Lower Upper
240 100
120 10.0 5.7 8.5#
236 24.9 22.2 33.4





#78

Terphenyl-d14

Concen: 93.25 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

Instrument :

BNA_G

ClientSampleId :

R1-SB-2D1213

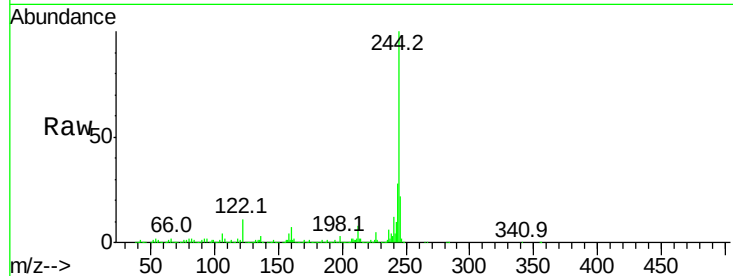
Tot Ion:244 Resp: 1570666

Ion Ratio Lower Upper

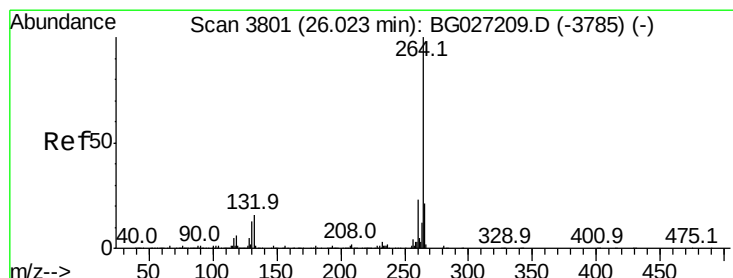
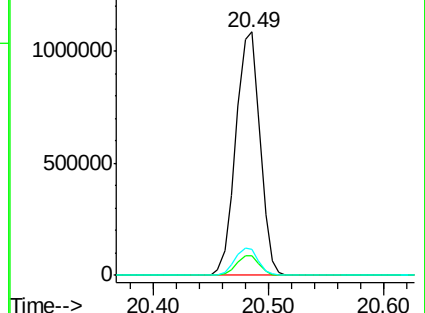
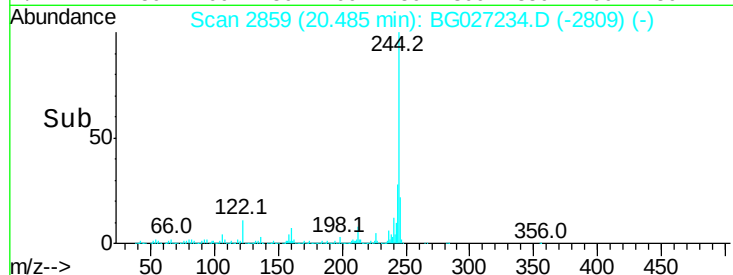
244 100

212 7.9 10.0 15.0#

122 10.5 8.6 12.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.99 min Scan# 3796

Delta R.T. -0.03 min

Lab File: BG027234.D

Acq: 6 Jun 2017 5:04

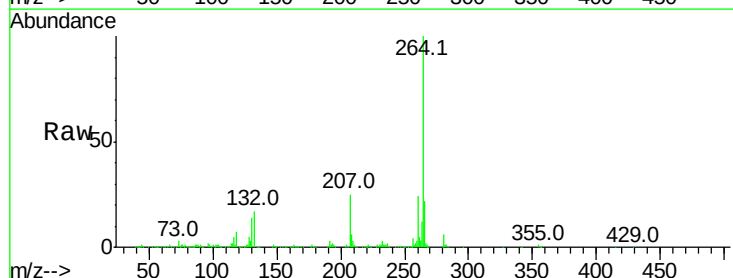
Tgt Ion:264 Resp: 403423

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 22.1 18.2 27.4



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

