

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
 Data File : BG026353.D
 Acq On : 21 Mar 2017 8:37
 Operator : SJ/MA
 Sample : I2263-23
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-104I

Quant Time: Mar 21 09:10:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

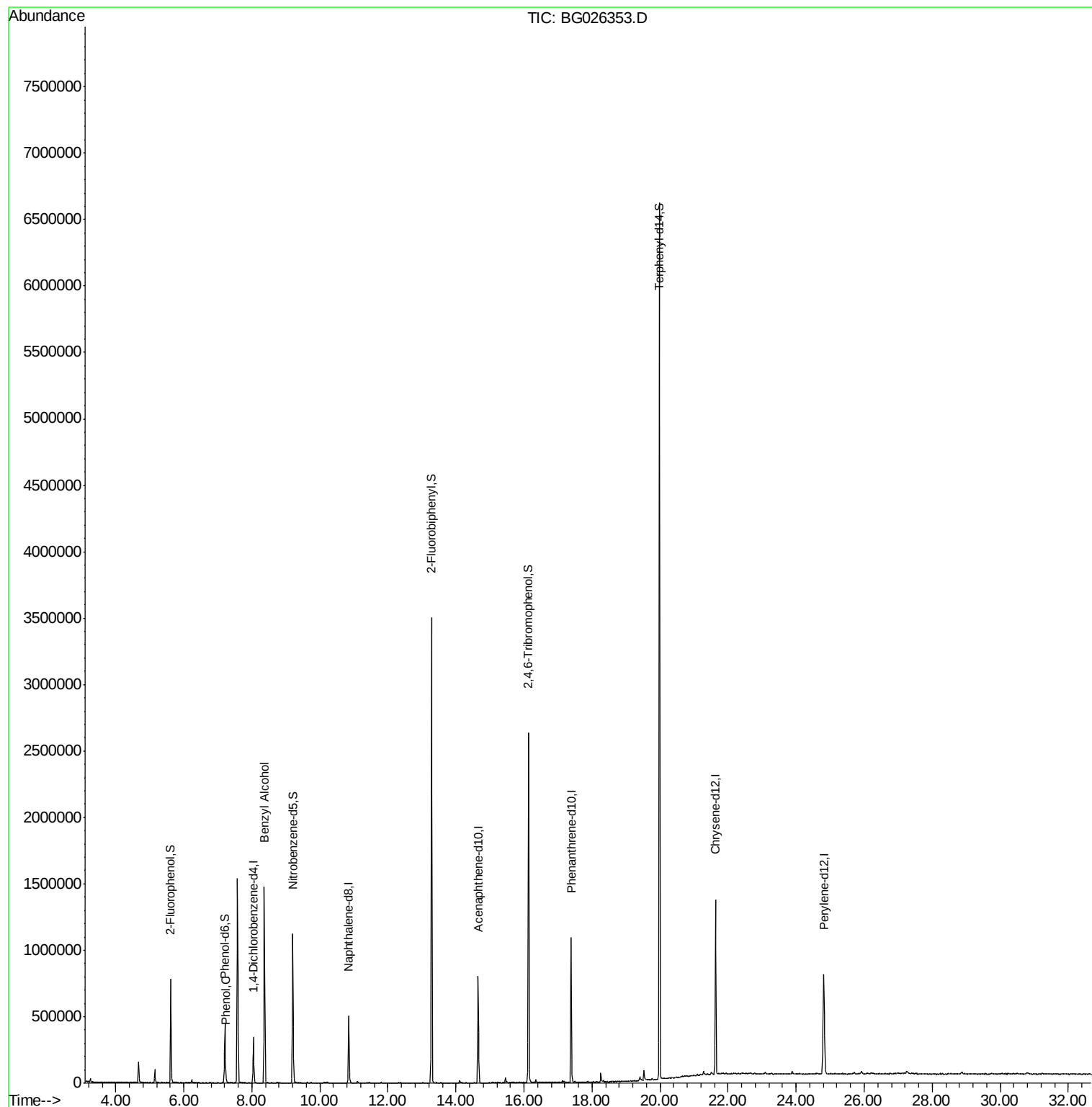
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	110956	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	482652	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	280106	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	695676	20.00	ng	0.00
75) Chrysene-d12	21.63	240	823011	20.00	ng	0.00
86) Perylene-d12	24.81	264	777663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	409468	65.50	ng	0.00
7) Phenol-d6	7.20	99	332954	39.67	ng	0.00
23) Nitrobenzene-d5	9.20	82	723503	90.13	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	539210	168.10	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1949389	97.60	ng	0.00
78) Terphenyl-d14	19.98	244	2746774	81.05	ng	0.00
Target Compounds						
10) Phenol	7.23	94	29595	3.30	ng	# 70
15) Benzyl Alcohol	8.37	79	11251	2.04	ng	# 64

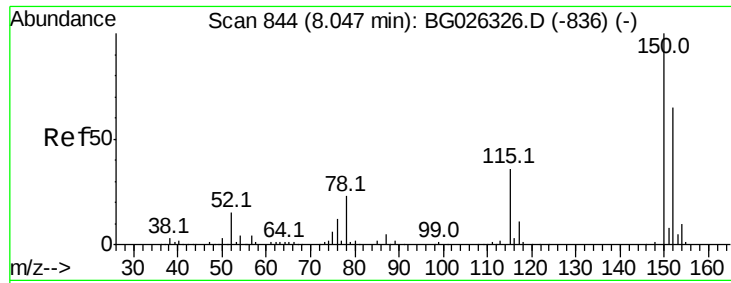
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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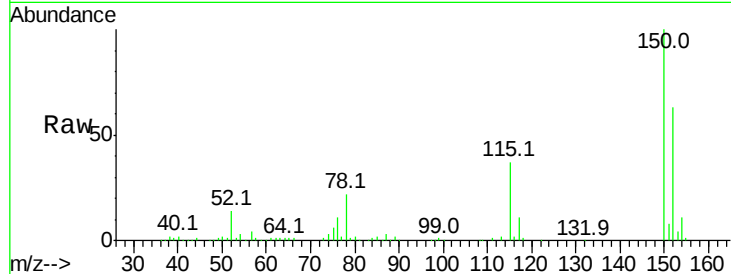


#1

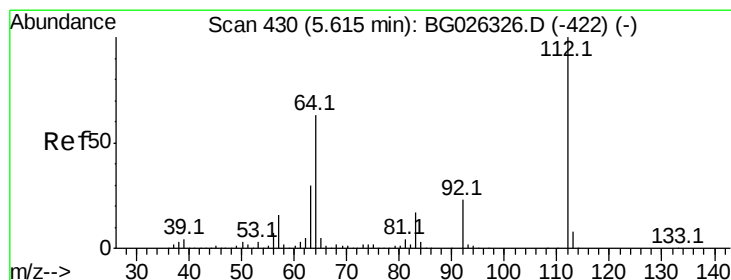
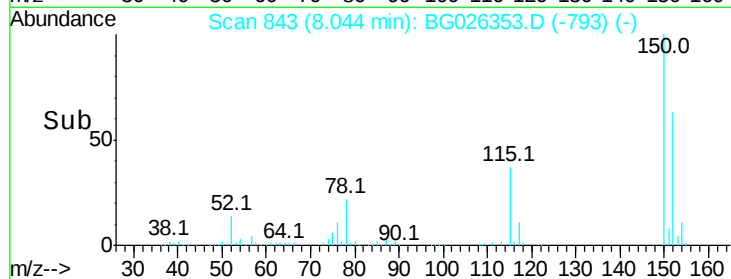
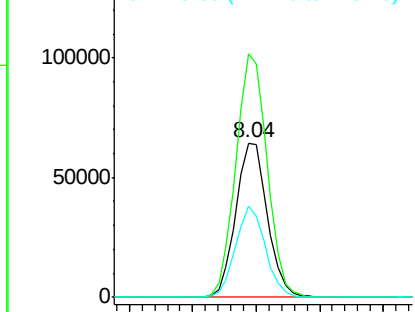
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026353.D
Acq: 21 Mar 2017 8:37

Instrument :
BNA_G
ClientSampleId :
MW-104I

Tot Ion:152 Resp: 110956
Ion Ratio Lower Upper
152 100
150 158.0 114.0 171.0
115 59.2 48.1 72.1



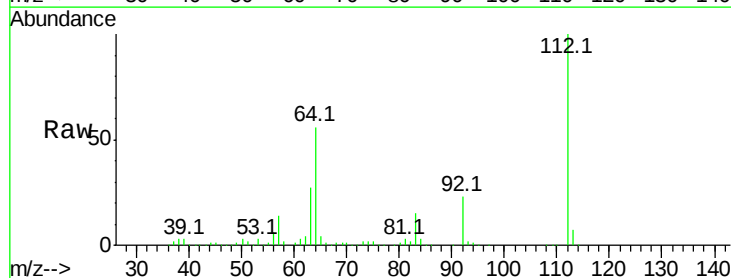
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



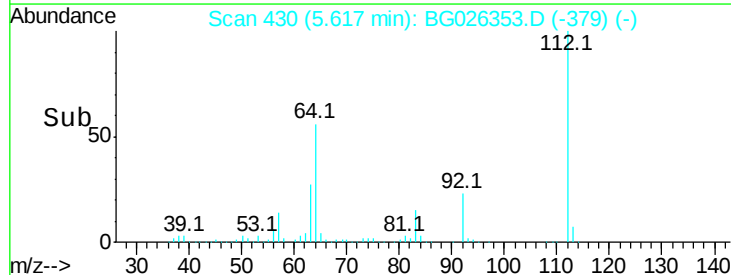
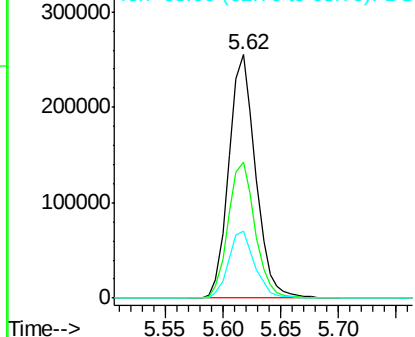
#5

2-Fluorophenol
Concen: 65.50 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026353.D
Acq: 21 Mar 2017 8:37

Tgt Ion:112 Resp: 409468
Ion Ratio Lower Upper
112 100
64 55.9 61.8 92.6#
63 27.4 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: 39.67 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

Instrument :

BNA_G

ClientSampleId :

MW-104I

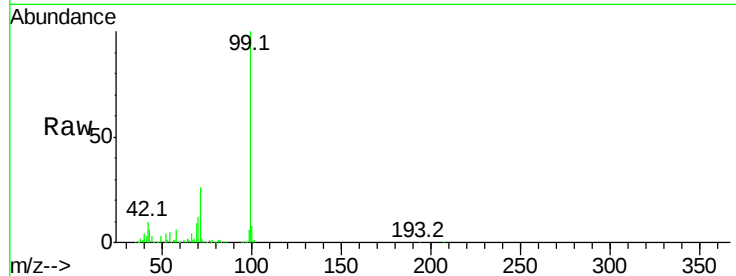
Tot Ion: 99 Resp: 332954

Ion Ratio Lower Upper

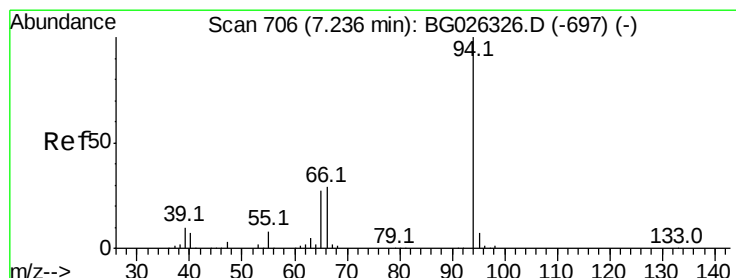
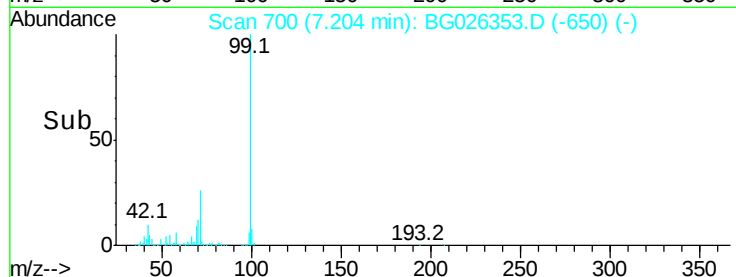
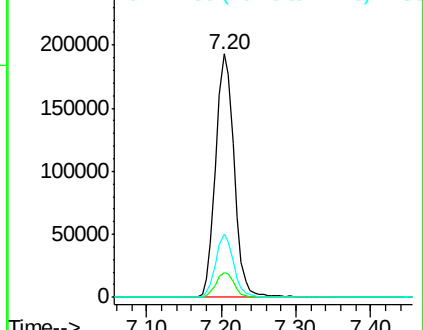
99 100

42 10.1 20.5 30.7#

71 25.8 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: 3.30 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

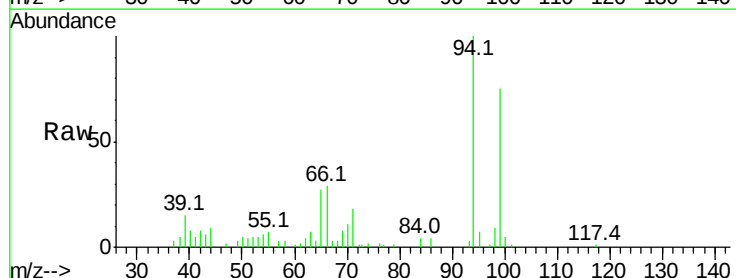
Tgt Ion: 94 Resp: 29595

Ion Ratio Lower Upper

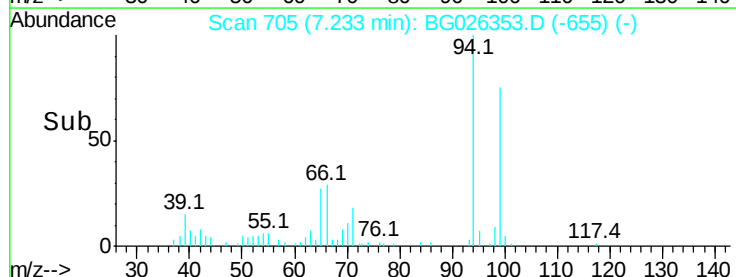
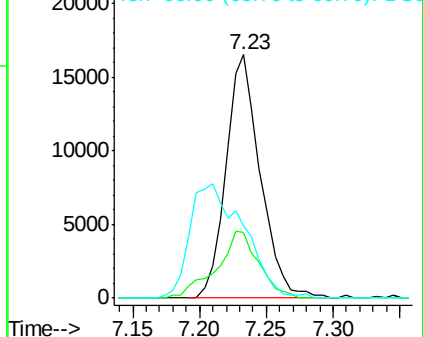
94 100

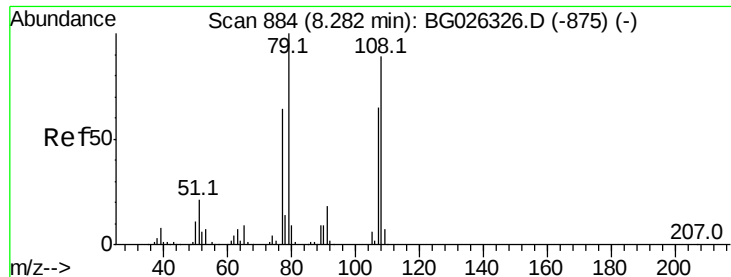
65 27.0 20.6 60.6

66 29.5 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





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 8.37 min Scan# 898

Delta R.T. 0.08 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

Instrument :

BNA_G

ClientSampleId :

MW-104I

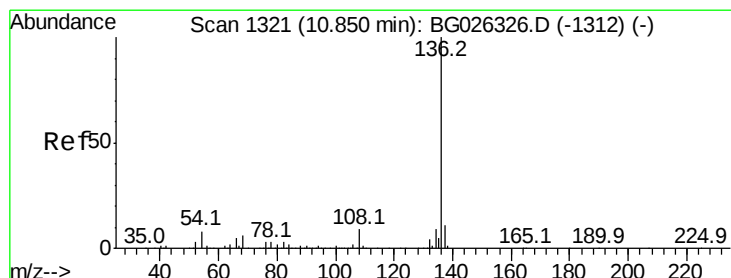
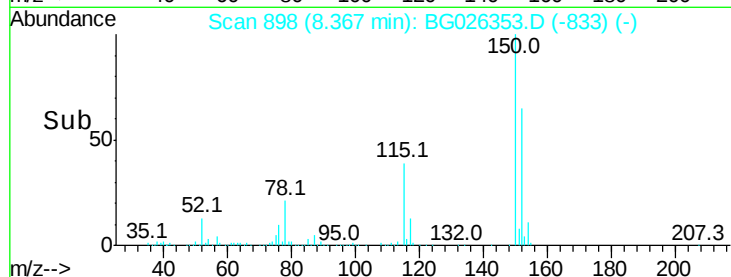
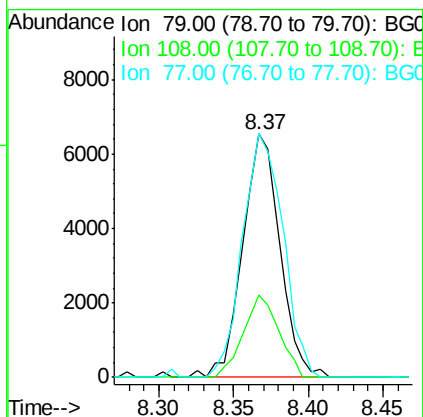
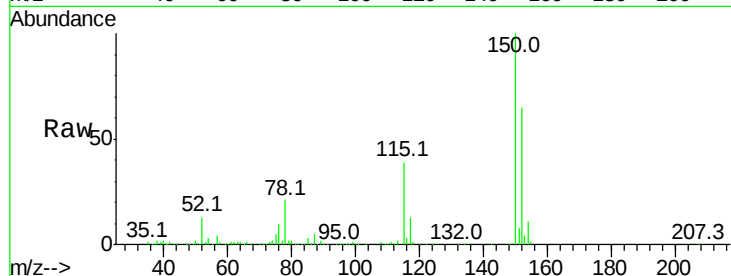
Tot Ion: 79 Resp: 11251

Ion Ratio Lower Upper

79 100

108 33.8 45.5 68.3#

77 99.9 54.3 81.5#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

Tgt Ion: 136 Resp: 482652

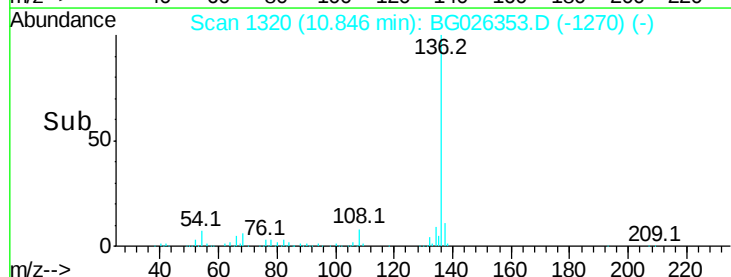
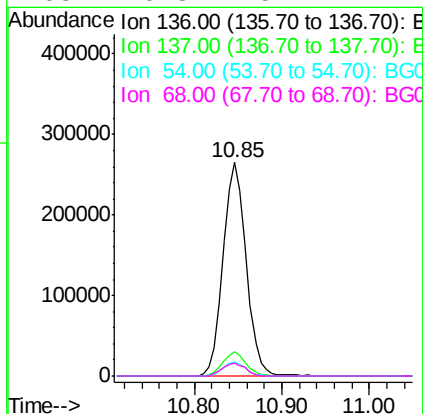
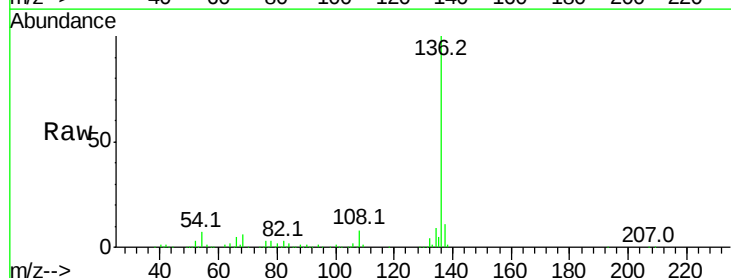
Ion Ratio Lower Upper

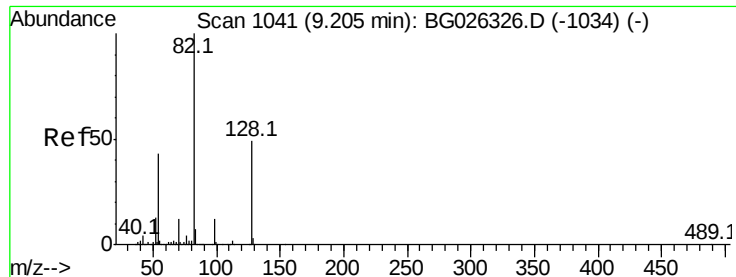
136 100

137 11.4 8.9 13.3

54 6.8 9.3 13.9#

68 6.3 5.1 7.7

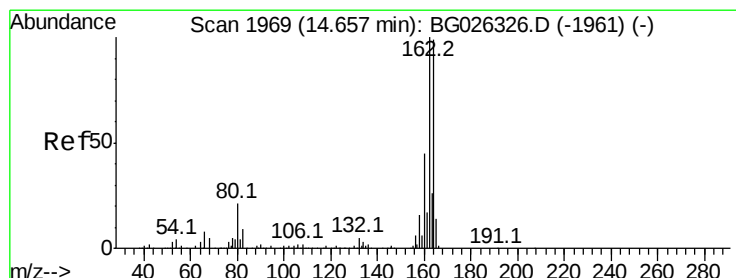
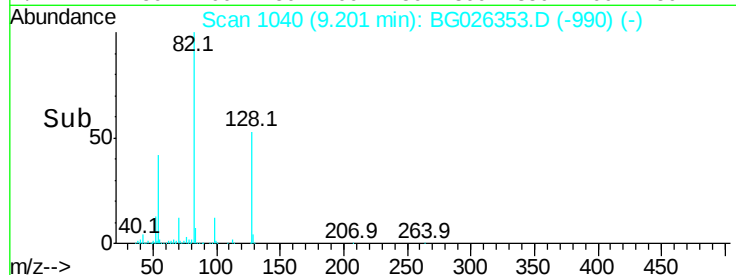
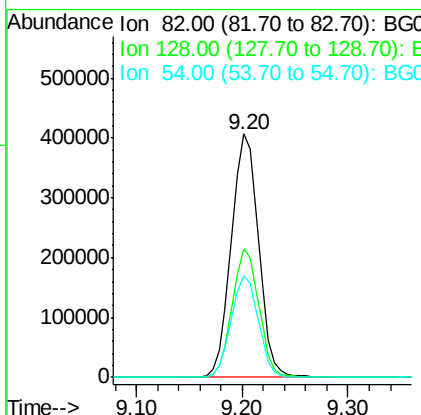
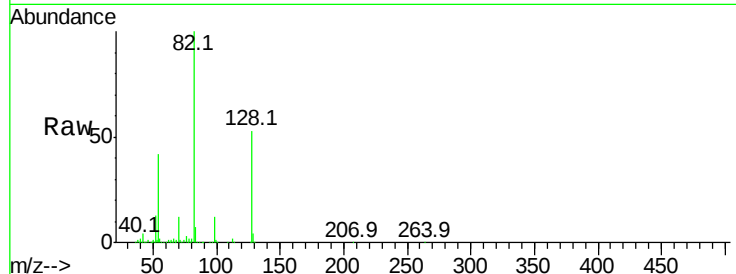




#23
 Nitrobenzene-d5
 Concen: 90.13 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG026353.D
 Acq: 21 Mar 2017 8:37

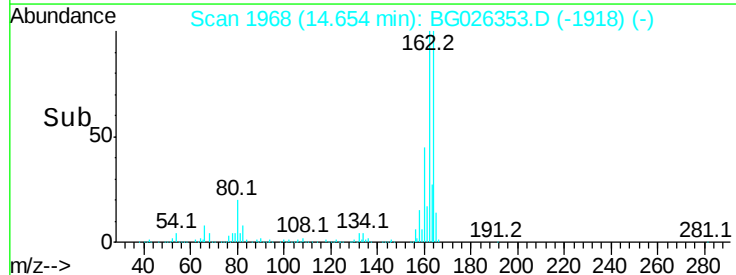
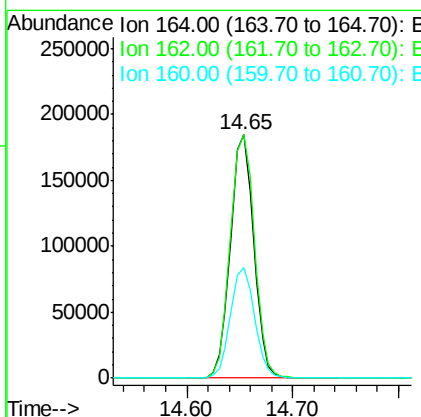
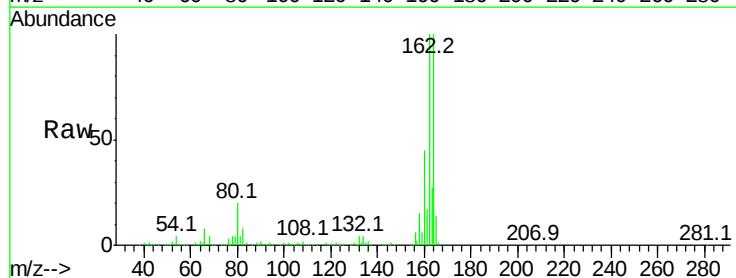
Instrument :
 BNA_G
 ClientSampled :
 MW-104I

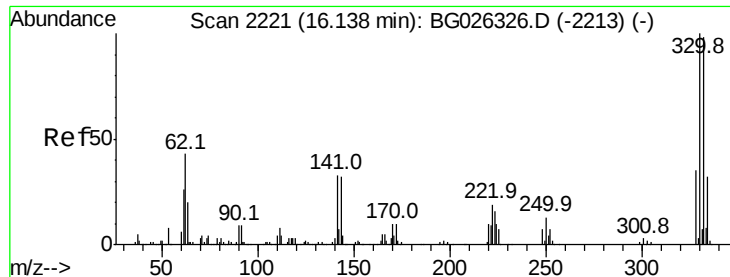
Tot Ion	82	Resp	723503
Ion	Ratio	Lower	Upper
82	100		
128	52.7	26.4	39.6#
54	41.9	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG026353.D
 Acq: 21 Mar 2017 8:37

Tgt Ion	164	Resp	280106
Ion	Ratio	Lower	Upper
164	100		
162	100.1	85.1	127.7
160	45.2	34.7	52.1

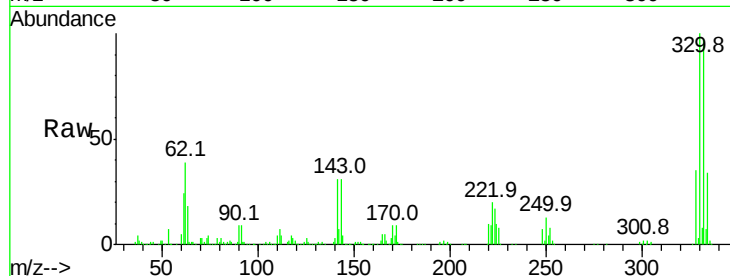




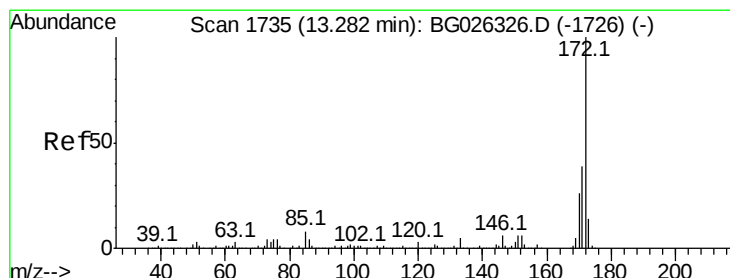
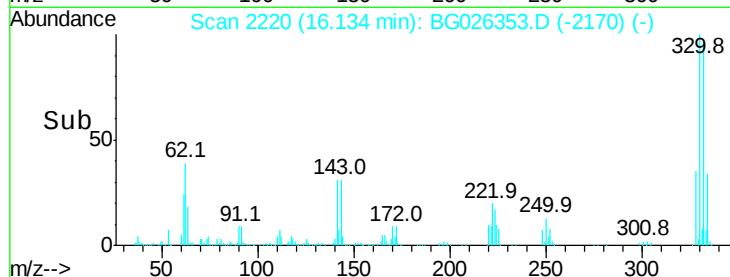
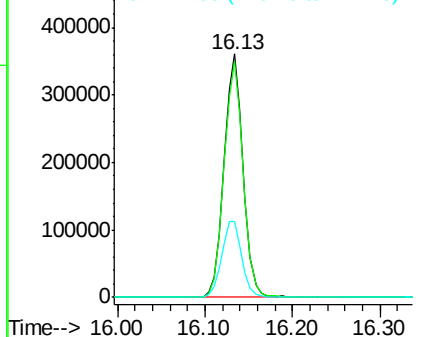
#41
 2,4,6-Tribromophenol
 Concen: 168.10 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG026353.D
 Acq: 21 Mar 2017 8:37

Instrument :
 BNA_G
 ClientSampleId :
 MW-104I

Tot Ion:330 Resp: 539210
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.3 115.9
 141 32.9 32.1 48.1

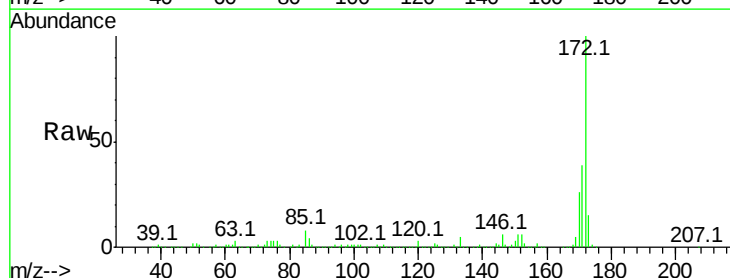


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

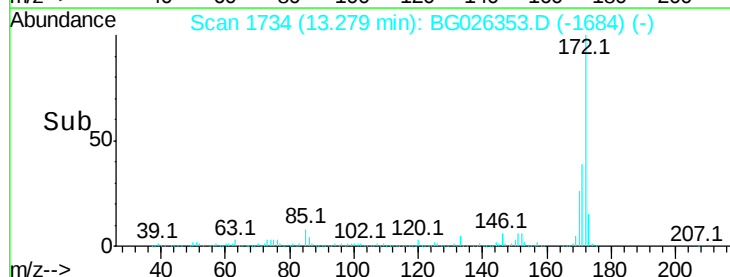
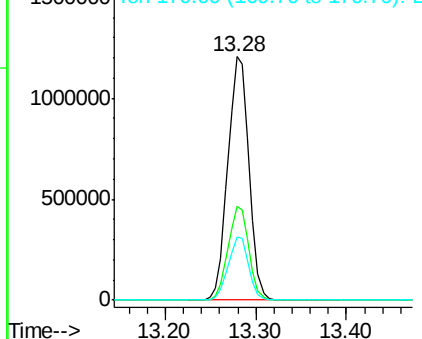


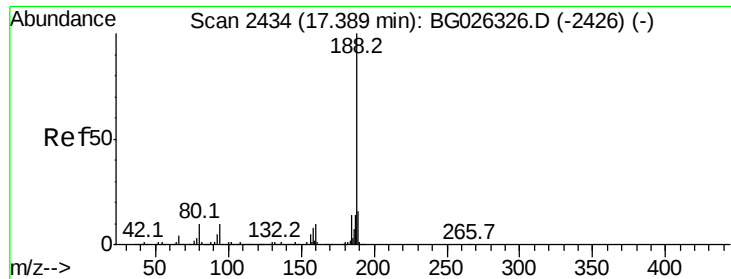
#44
 2-Fluorobiphenyl
 Concen: 97.60 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG026353.D
 Acq: 21 Mar 2017 8:37

Tgt Ion:172 Resp: 1949389
 Ion Ratio Lower Upper
 172 100
 171 38.7 32.2 48.2
 170 25.8 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.39 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

Instrument :

BNA_G

ClientSampleId :

MW-104I

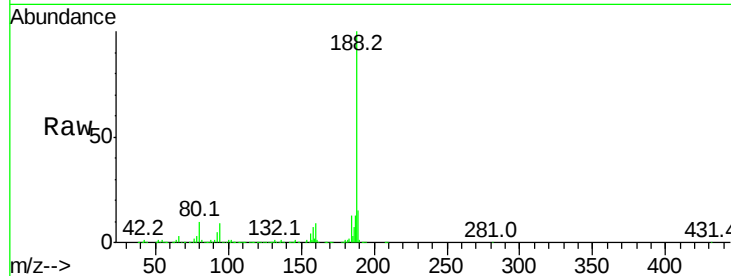
Tot Ion:188 Resp: 695676

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.8

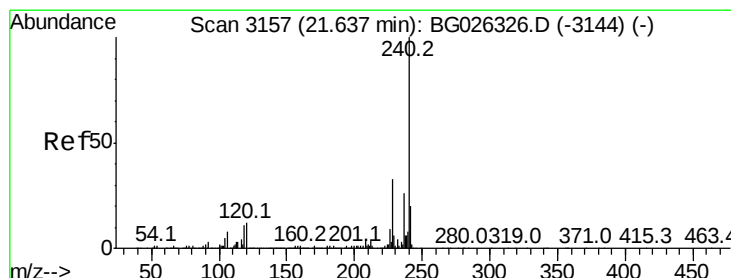
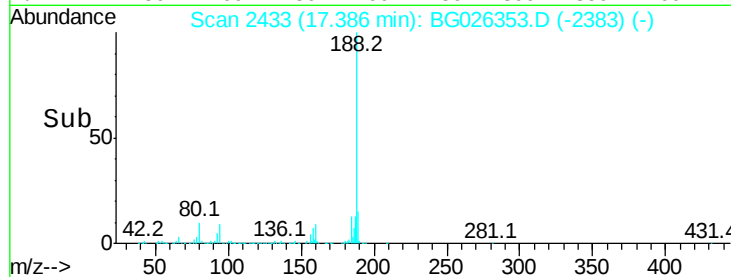
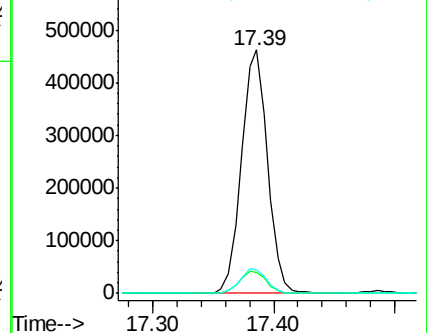
80 9.7 7.5 11.3



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: 20.00 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

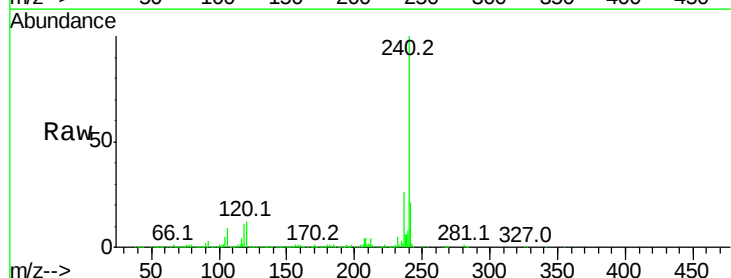
Tgt Ion:240 Resp: 823011

Ion Ratio Lower Upper

240 100

120 11.9 5.7 8.5#

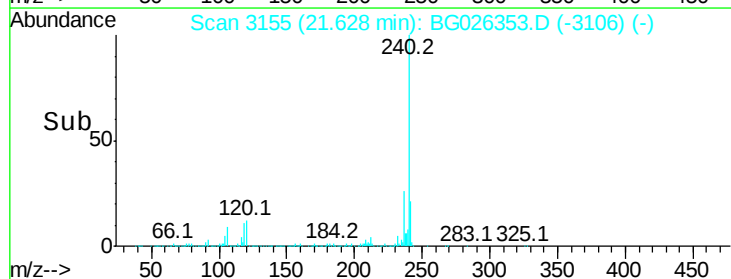
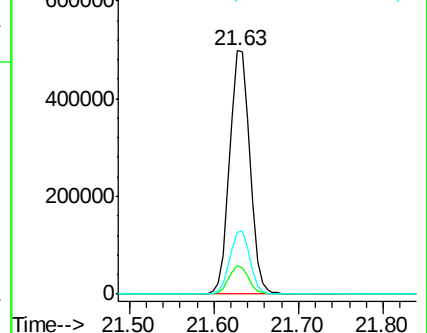
236 25.6 22.2 33.4

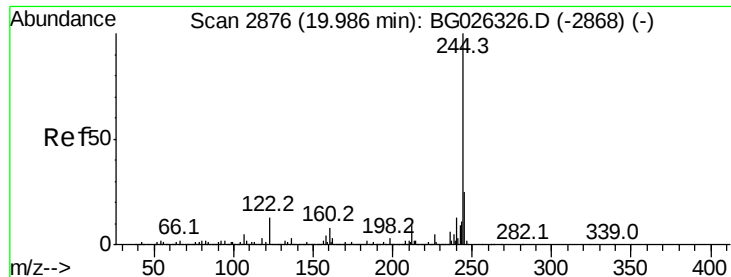


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.05 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

Instrument :

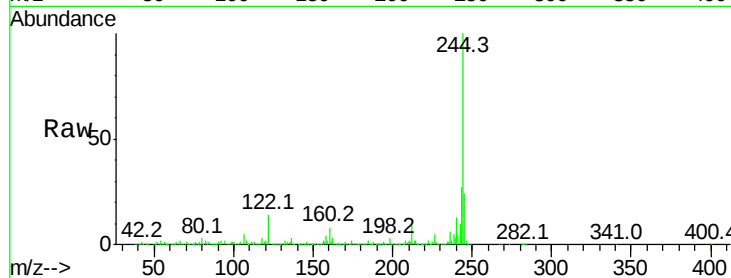
BNA_G

ClientSampleId :

MW-104I

Tot Ion:244 Resp: 2746774

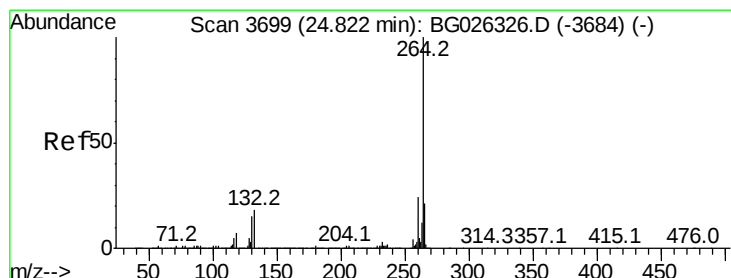
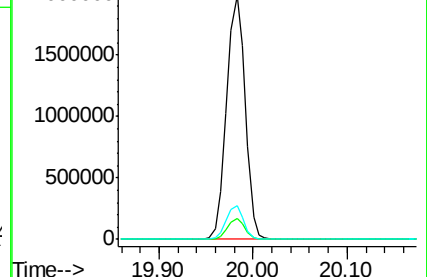
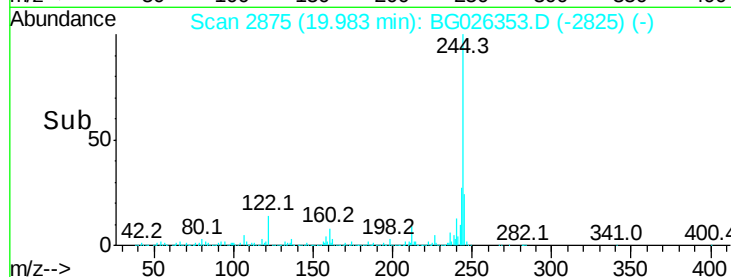
Ion	Ratio	Lower	Upper
244	100		
212	8.8	10.0	15.0#
122	14.0	8.6	12.8#



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: 24.81 min Scan# 3697

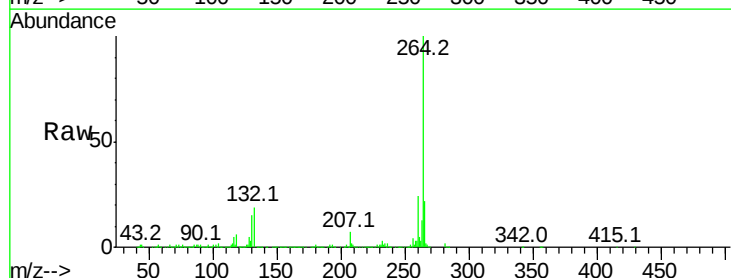
Delta R.T. -0.01 min

Lab File: BG026353.D

Acq: 21 Mar 2017 8:37

Tgt Ion:264 Resp: 777663

Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

