

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
 Data File : BG017297.D
 Acq On : 27 May 2015 11:08
 Operator : TP/IZ
 Sample : G2255-06RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LF001MW003-150512RE

Quant Time: May 28 02:28:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

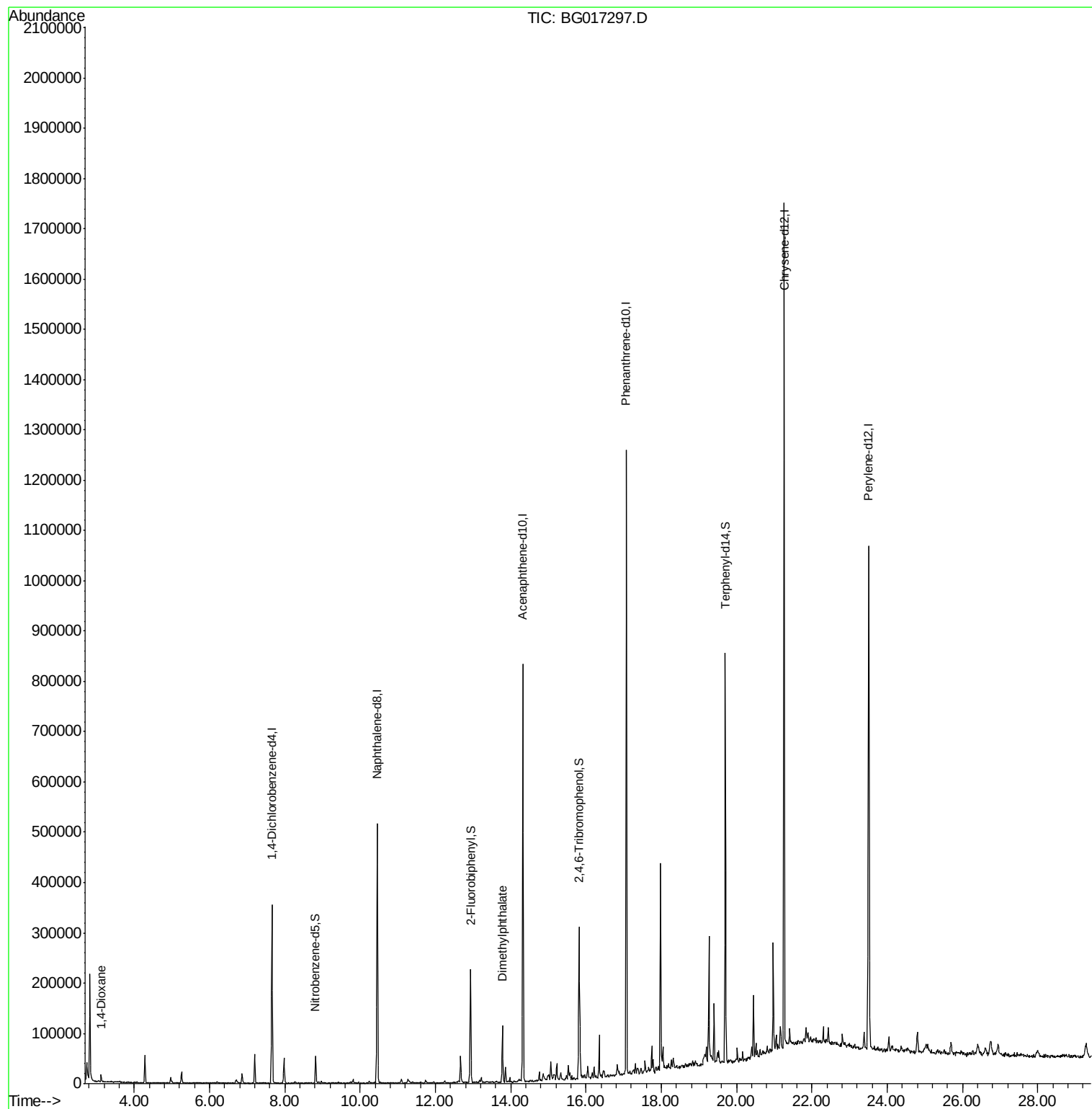
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	82707	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	369124	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	262271	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	670679	20.00	ng	0.00
75) Chrysene-d12	21.26	240	727246	20.00	ng	0.00
86) Perylene-d12	23.51	264	715467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	8231	1.77	ng	0.00
7) Phenol-d6	6.86	99	9098	1.39	ng	0.00
23) Nitrobenzene-d5	8.82	82	28298	3.58	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	41971	13.24	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	86366	4.83	ng	0.00
78) Terphenyl-d14	19.70	244	329540	9.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.12	88	6464	3.51	ng	98
49) Dimethylphthalate	13.78	163	59936	2.92	ng	96

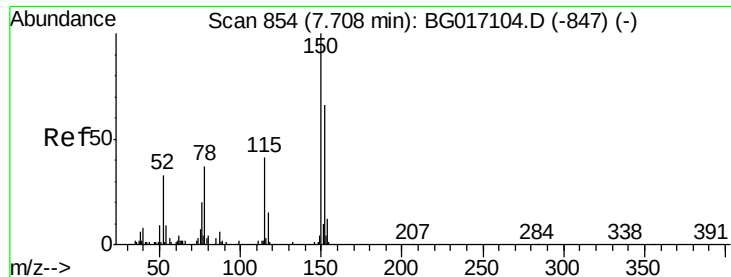
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG017297.D

Acq: 27 May 2015 11:08

Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

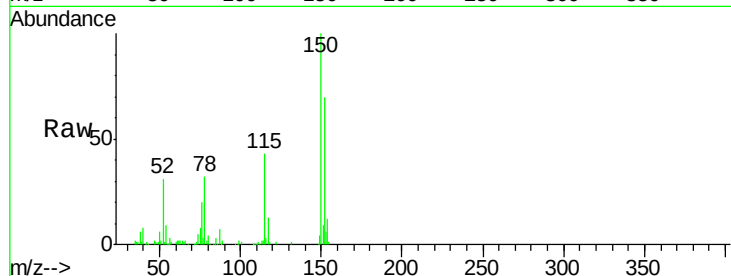
Tot Ion:152 Resp: 82707

Ion Ratio Lower Upper

152 100

150 143.0 120.8 181.2

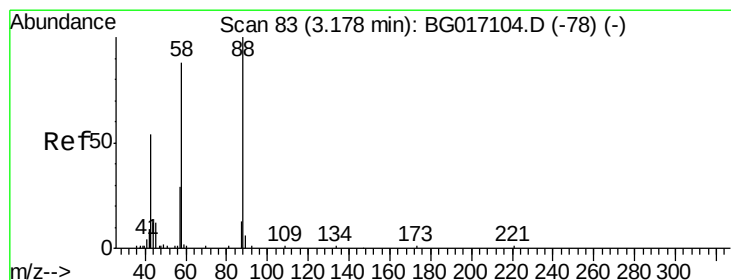
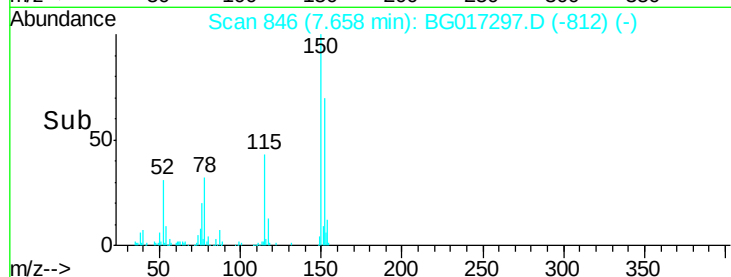
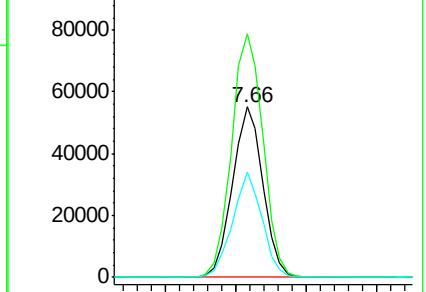
115 62.0 49.4 74.2



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



#2

1,4-Dioxane

Concen: 3.51 ng

RT: 3.12 min Scan# 74

Delta R.T. 0.00 min

Lab File: BG017297.D

Acq: 27 May 2015 11:08

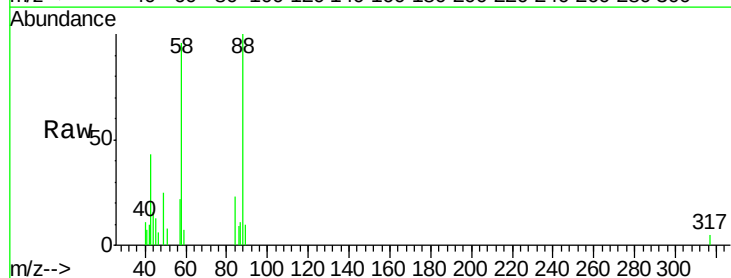
Tgt Ion: 88 Resp: 6464

Ion Ratio Lower Upper

88 100

58 85.6 68.6 103.0

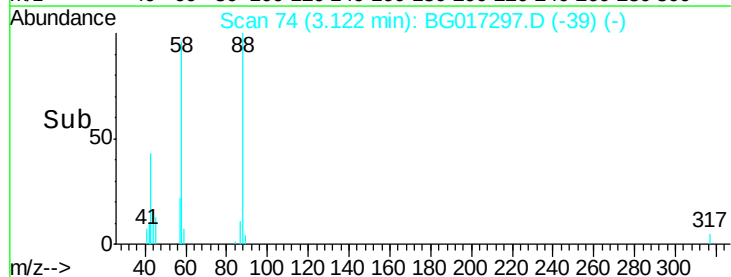
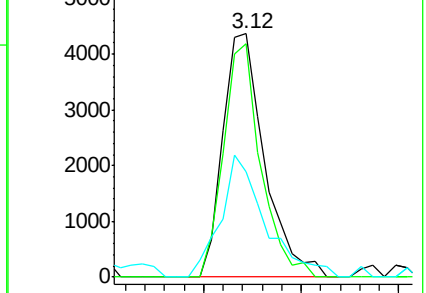
43 53.9 40.3 60.5

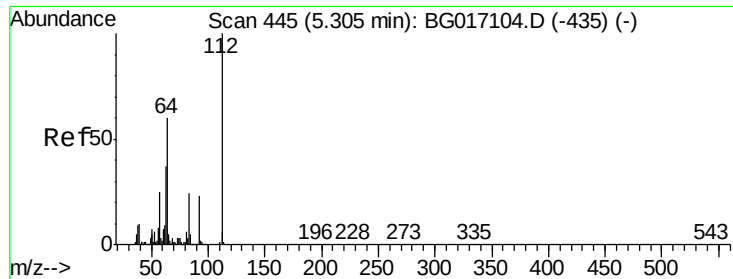


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 1.77 ng

RT: 5.25 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG017297.D

Acq: 27 May 2015 11:08

Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

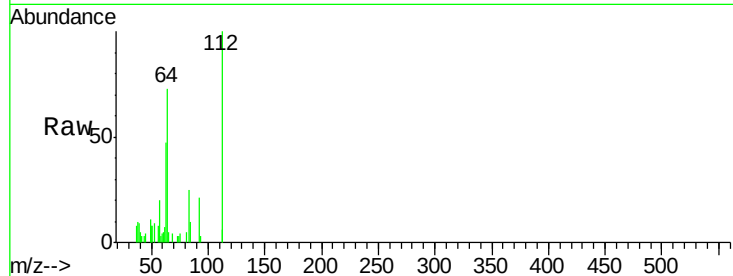
Tot Ion:112 Resp: 8231

Ion Ratio Lower Upper

112 100

64 73.0 48.1 72.1#

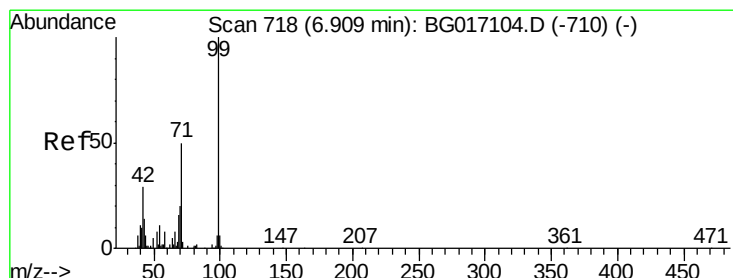
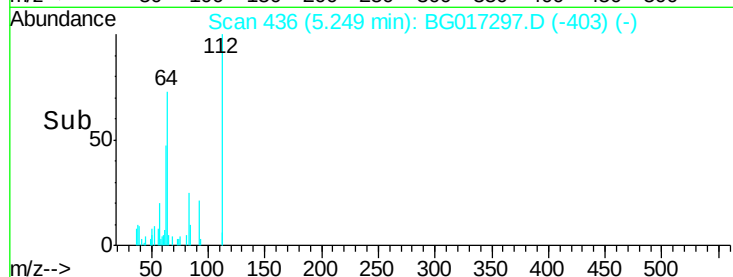
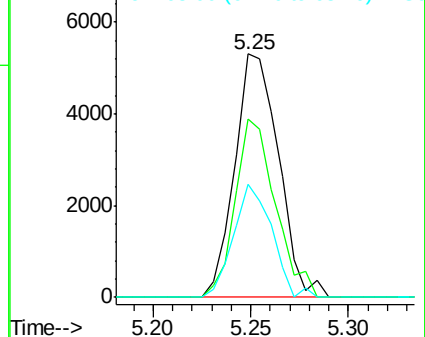
63 46.6 29.8 44.8#



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: 1.39 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG017297.D

Acq: 27 May 2015 11:08

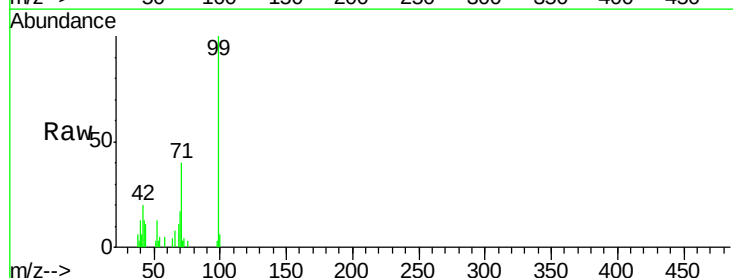
Tgt Ion: 99 Resp: 9098

Ion Ratio Lower Upper

99 100

42 19.7 23.5 35.3#

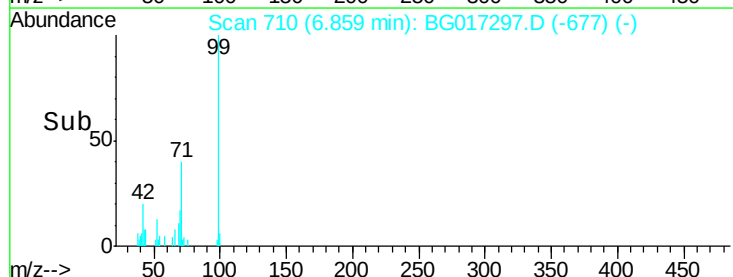
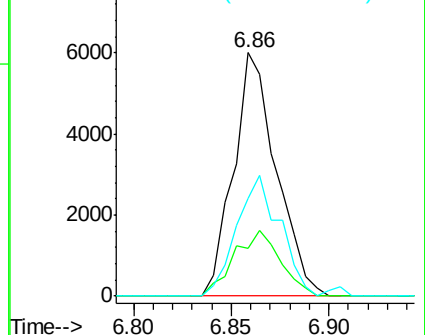
71 42.9 39.8 59.8

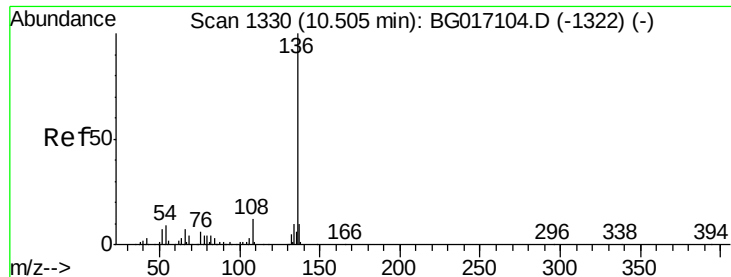


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

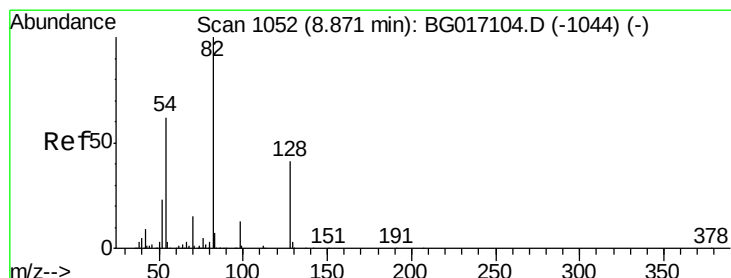
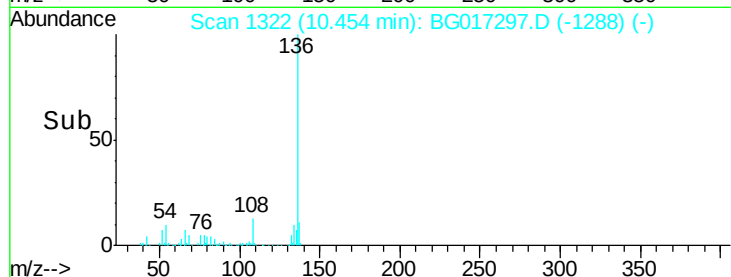
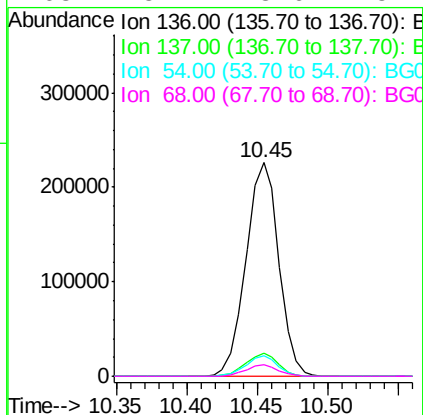
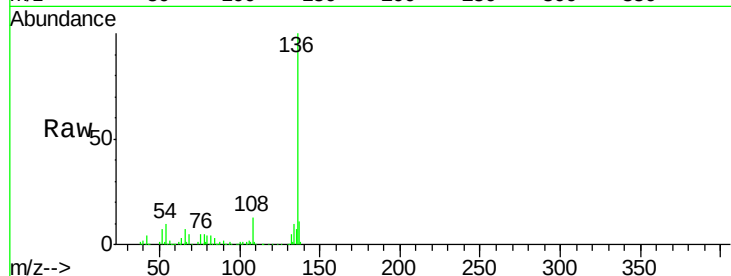




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

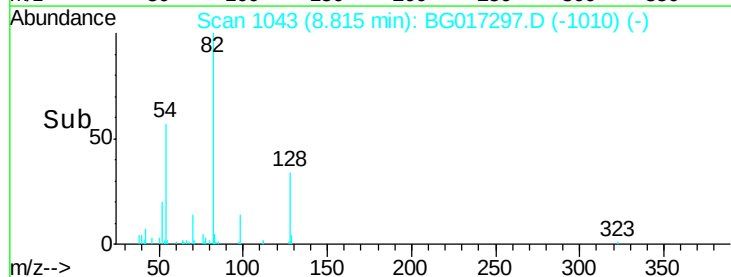
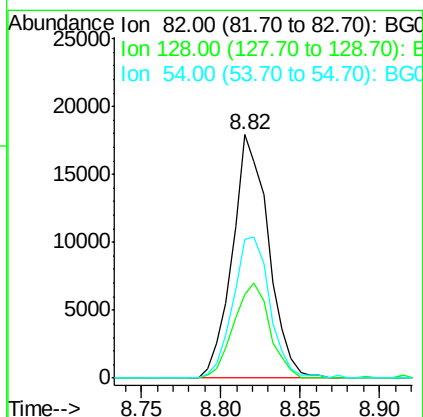
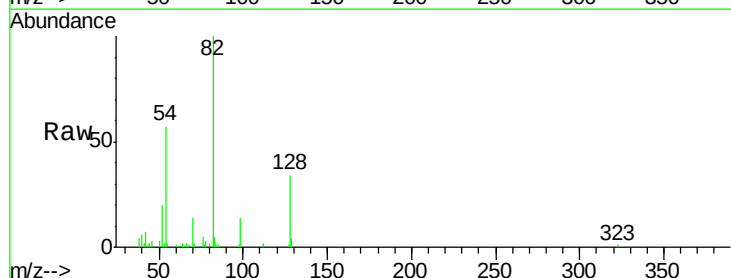
Instrument :
BNA_G
ClientSampleId :
LF001MW003-150512RE

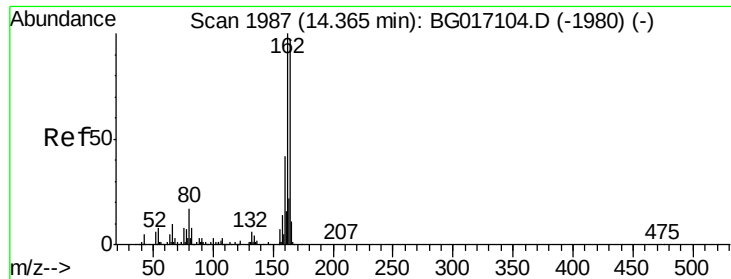
Tot Ion:136	Resp:	369124
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.3 12.5
54	9.7	7.4 11.2
68	5.2	3.6 5.4



#23
Nitrobenzene-d5
Concen: 3.58 ng
RT: 8.82 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

Tgt Ion: 82	Resp:	28298
Ion	Ratio	Lower Upper
82	100	
128	34.4	32.6 49.0
54	57.0	49.6 74.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.32 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG017297.D

Acq: 27 May 2015 11:08

Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

Tot Ion:164 Resp: 262271

Ion	Ratio	Lower	Upper
164	100		
162	96.1	82.1	123.1
160	42.7	34.8	52.2

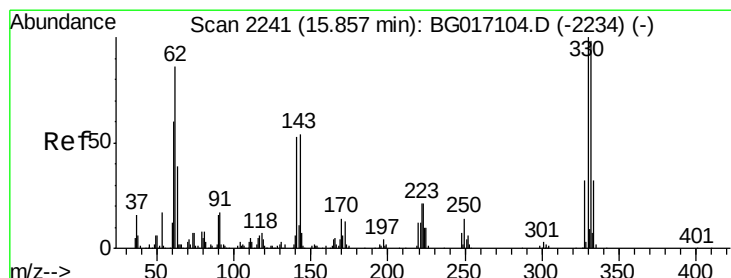
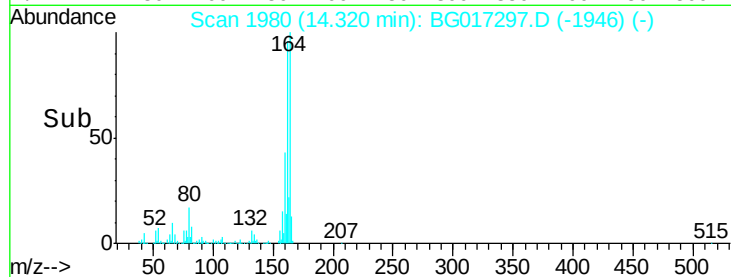
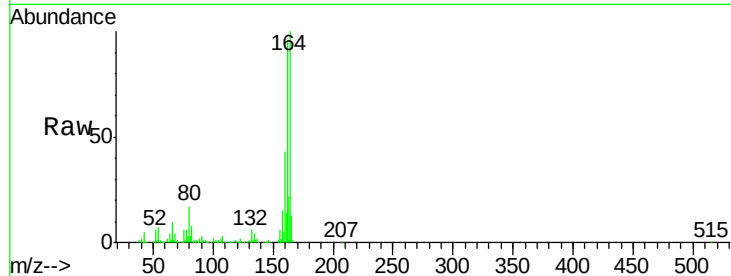
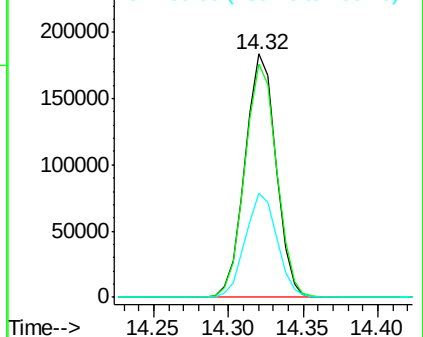
Abundance

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

Time-->



#41

2,4,6-Tribromophenol

Concen: 13.24 ng

RT: 15.81 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG017297.D

Acq: 27 May 2015 11:08

Tgt Ion:330 Resp: 41971

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.9	115.3
141	51.6	42.2	63.2

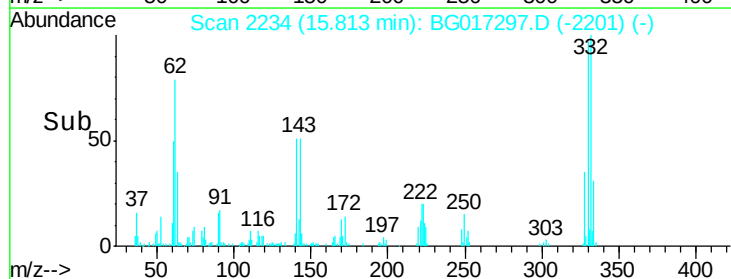
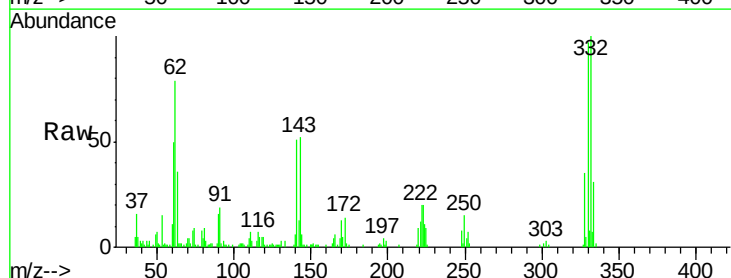
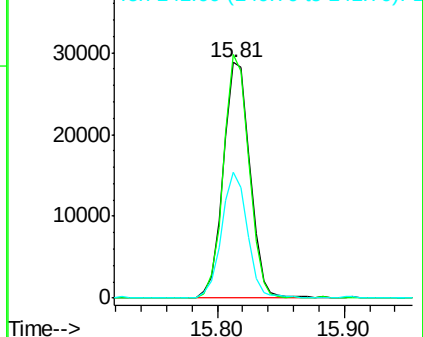
Abundance

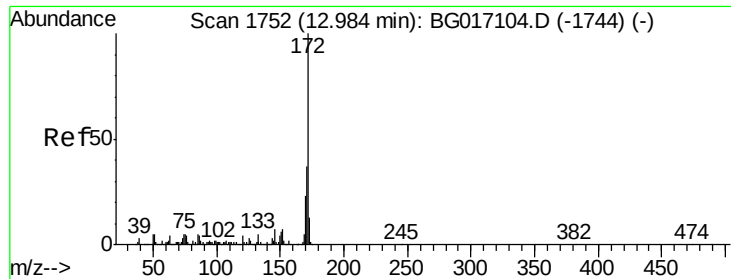
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->





#44

2-Fluorobiphenyl

Concen: 4.83 ng

RT: 12.93 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG017297.D

Acq: 27 May 2015 11:08

Instrument :

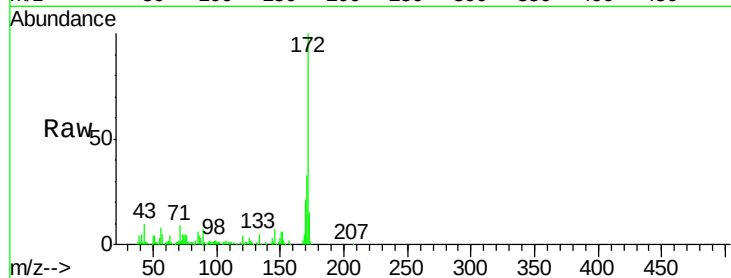
BNA_G

ClientSampleId :

LF001MW003-150512RE

Tot Ion:172 Resp: 86366

Ion	Ratio	Lower	Upper
172	100		
171	32.5	29.7	44.5
170	20.7	18.4	27.6

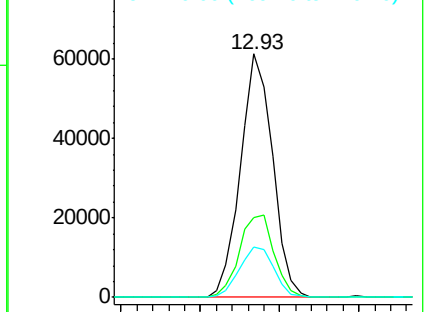


Abundance

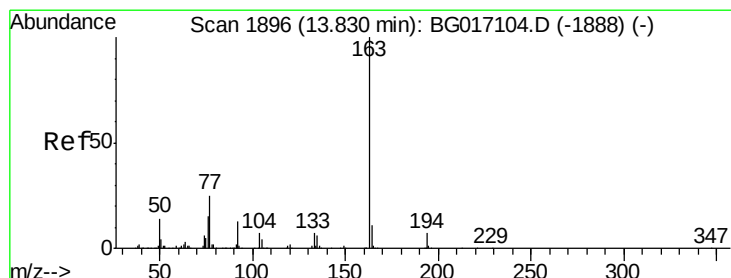
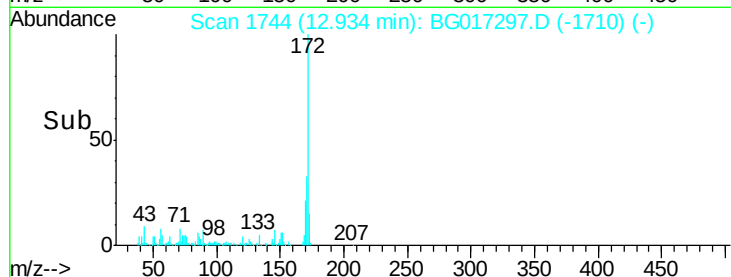
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 12.85 12.90 12.95 13.00



#49

Dimethylphthalate

Concen: 2.92 ng

RT: 13.78 min Scan# 1888

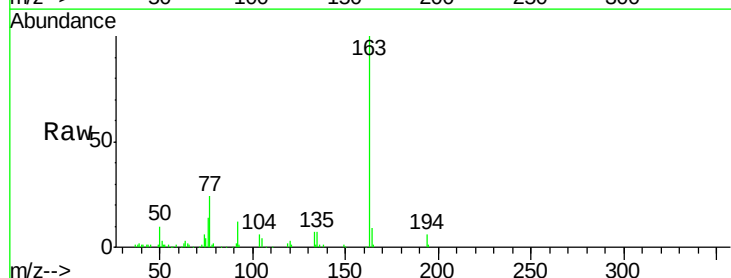
Delta R.T. -0.01 min

Lab File: BG017297.D

Acq: 27 May 2015 11:08

Tgt Ion:163 Resp: 59936

Ion	Ratio	Lower	Upper
163	100		
194	6.0	5.6	8.4
164	9.2	8.6	13.0

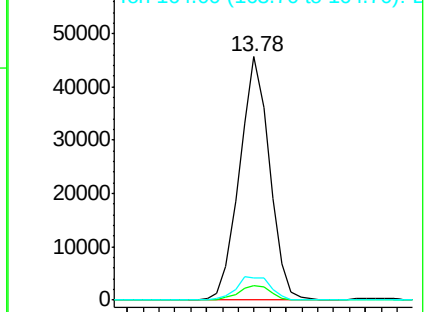


Abundance

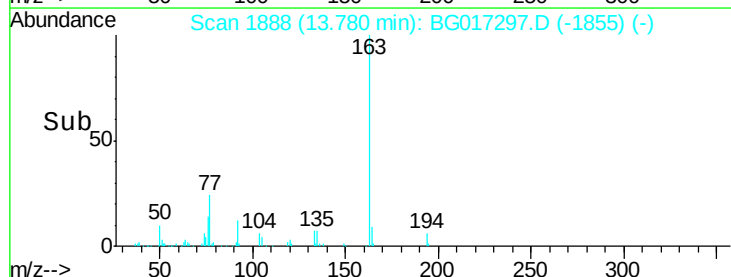
Ion 163.00 (162.70 to 163.70): E

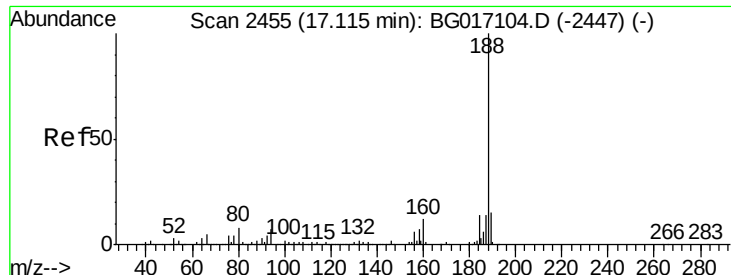
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.70 13.75 13.80 13.85

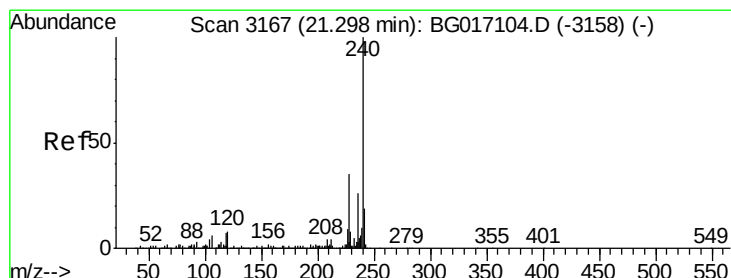
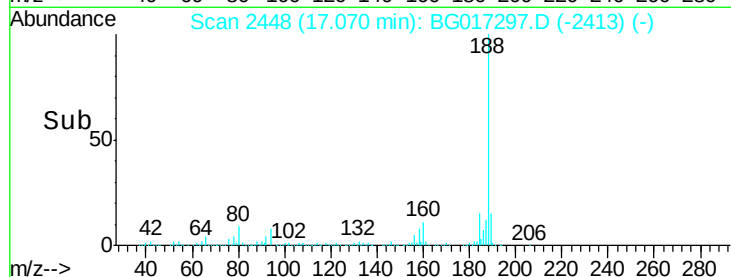
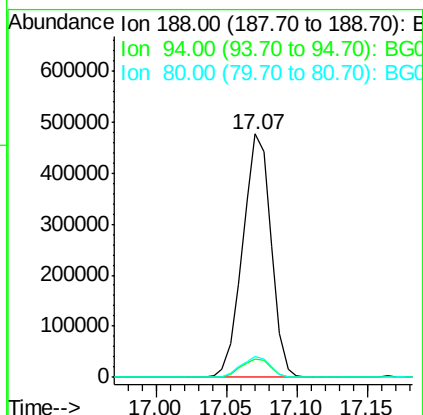
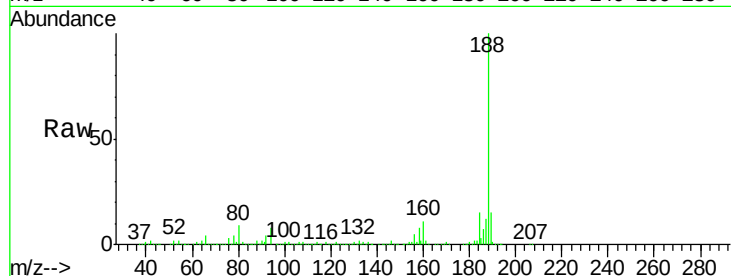




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

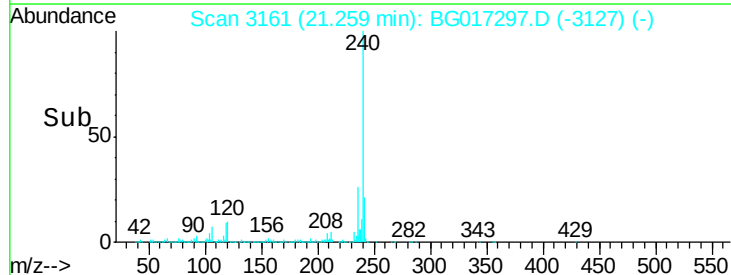
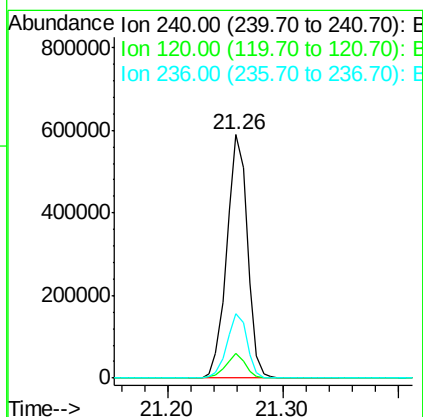
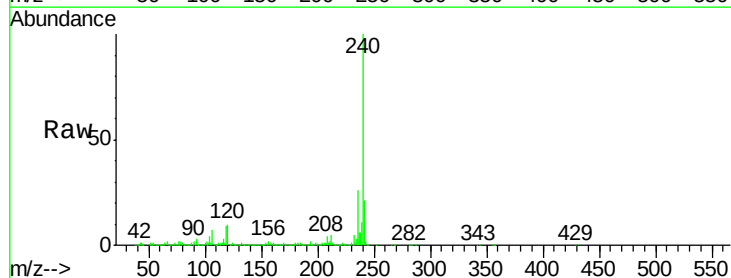
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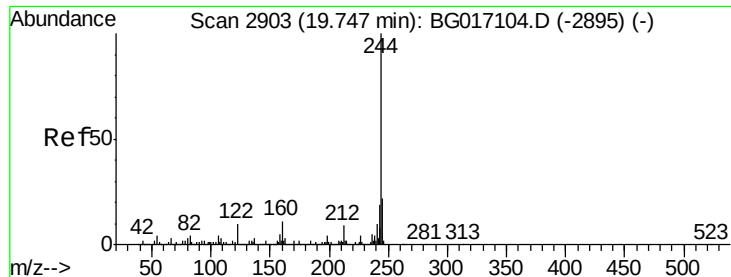
Tot Ion:188 Resp: 670679
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 8.8 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG017297.D
Acq: 27 May 2015 11:08

Tgt Ion:240 Resp: 727246
Ion Ratio Lower Upper
240 100
120 9.9 6.0 9.0#
236 26.2 20.5 30.7





#78

Terphenyl-d14

Concen: 9.44 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG017297.D

Acq: 27 May 2015 11:08

Instrument :

BNA_G

ClientSampleId :

LF001MW003-150512RE

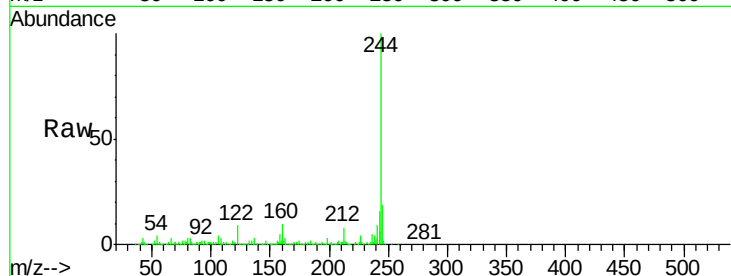
Tot Ion:244 Resp: 329540

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

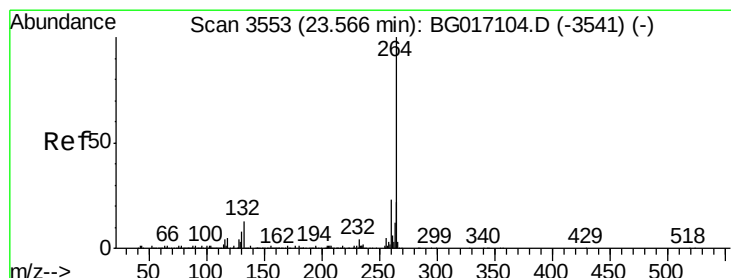
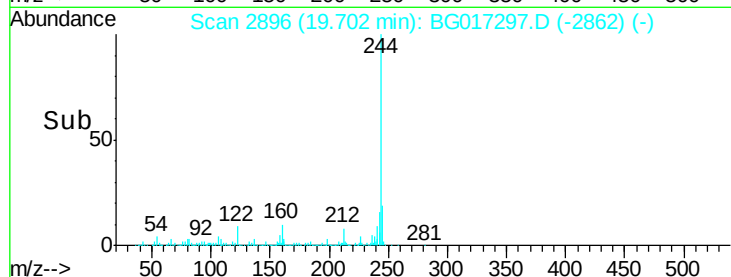
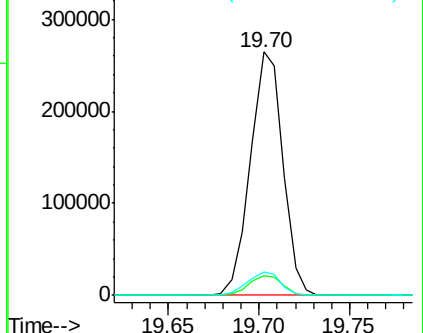
122 9.5 8.4 12.6



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: 23.51 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG017297.D

Acq: 27 May 2015 11:08

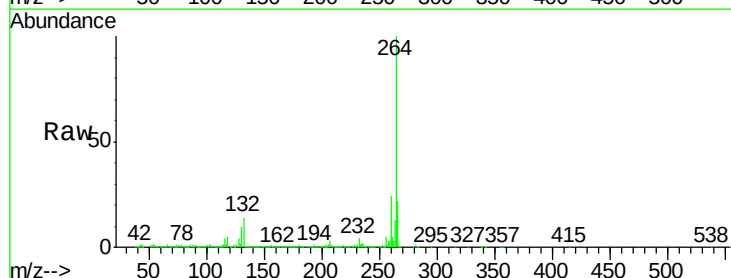
Tgt Ion:264 Resp: 715467

Ion Ratio Lower Upper

264 100

260 24.0 18.0 27.0

265 22.4 17.4 26.0



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

