

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
 Data File : BG023411.D
 Acq On : 3 Aug 2016 1:01
 Operator : UM/SJ
 Sample : H4288-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-65-14.0-15.0

Quant Time: Aug 03 03:40:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

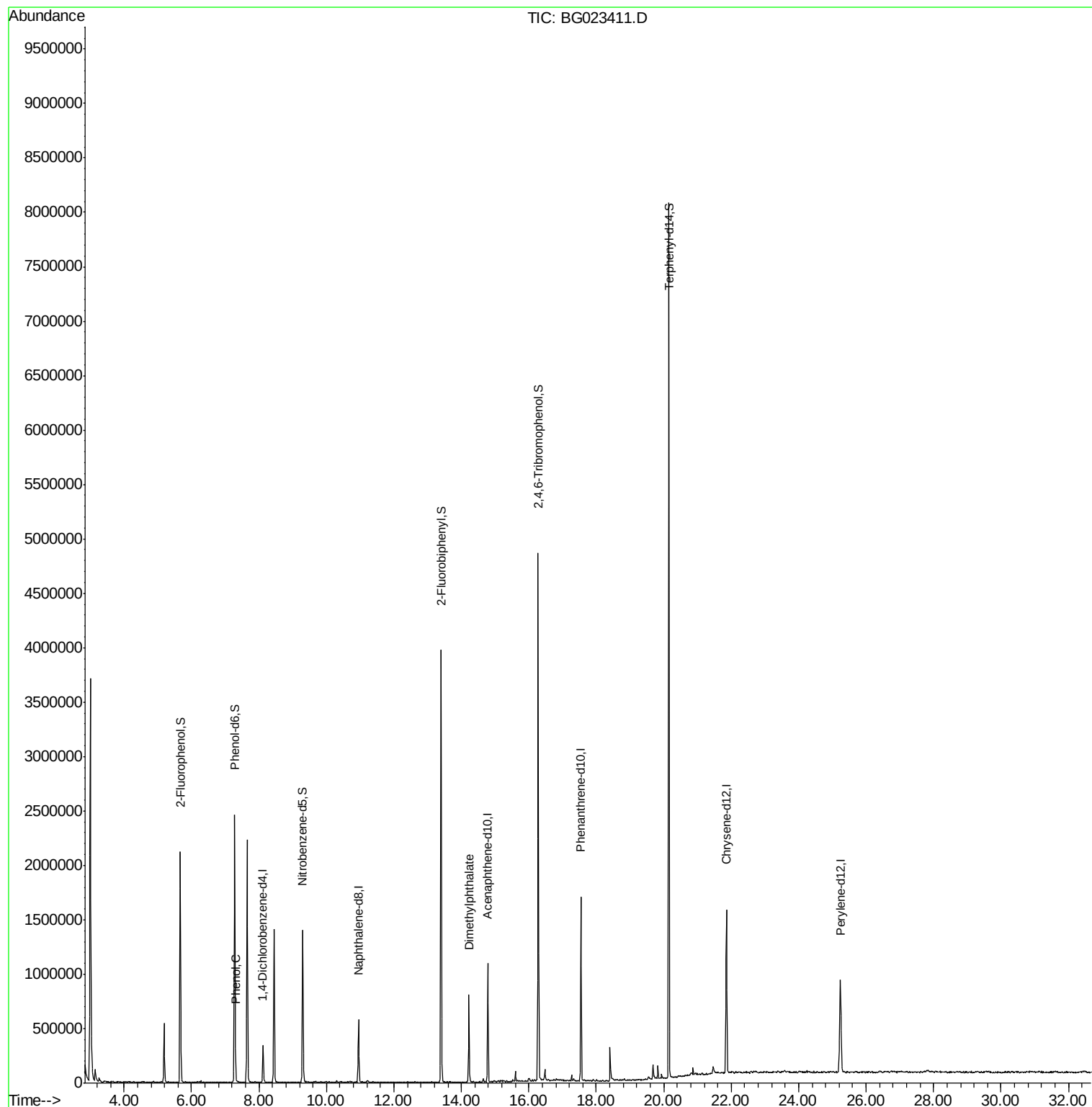
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	94950	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	467296	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	368865	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1022459	20.00	ng	0.00
75) Chrysene-d12	21.86	240	935374	20.00	ng	0.00
86) Perylene-d12	25.23	264	938386	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	901044	159.74	ng	0.00
7) Phenol-d6	7.28	99	1446497	164.64	ng	0.00
23) Nitrobenzene-d5	9.29	82	912591	97.09	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	916369	169.85	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1975852	90.35	ng	0.00
78) Terphenyl-d14	20.15	244	3023109	105.83	ng	0.00
Target Compounds						
10) Phenol	7.31	94	25166	2.68	ng	88
49) Dimethylphthalate	14.22	163	498691	17.62	ng	99

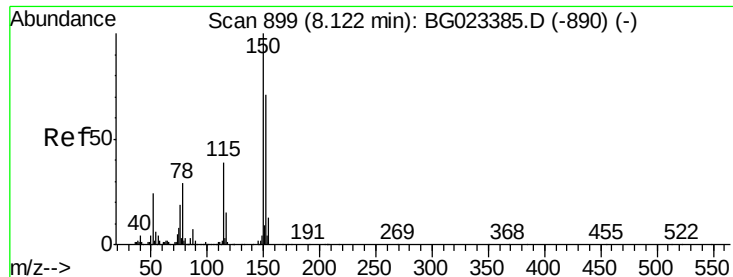
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG023411.D

Acq: 3 Aug 2016 1:01

Instrument :

BNA_G

ClientSampleId :

SB-65-14.0-15.0

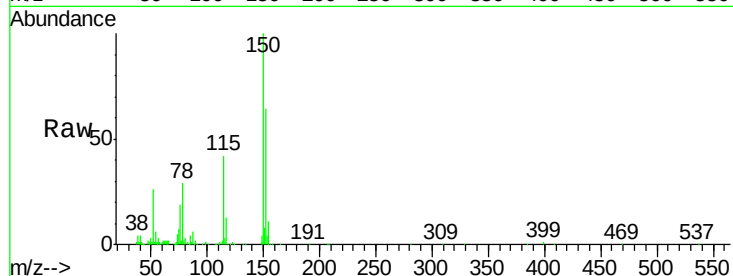
Tot Ion:152 Resp: 94950

Ion Ratio Lower Upper

152 100

150 156.9 144.7 217.1

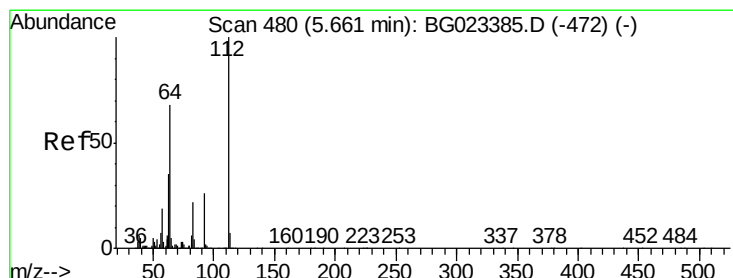
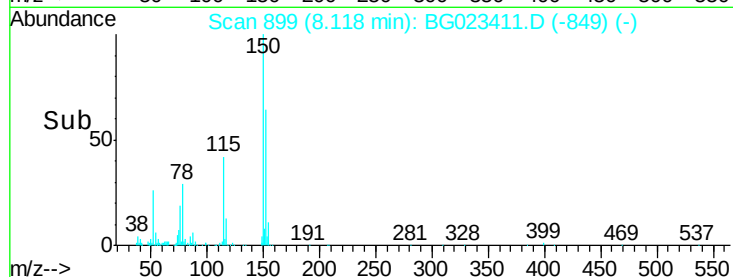
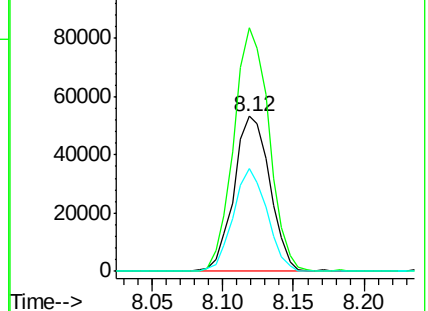
115 66.1 64.0 96.0



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: 159.74 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023411.D

Acq: 3 Aug 2016 1:01

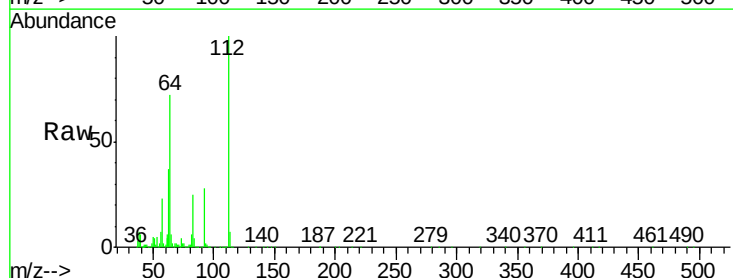
Tgt Ion:112 Resp: 901044

Ion Ratio Lower Upper

112 100

64 72.1 59.0 88.4

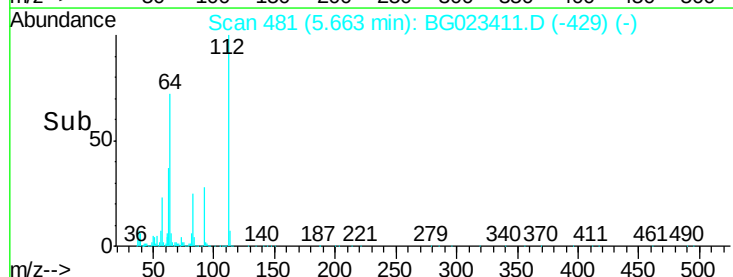
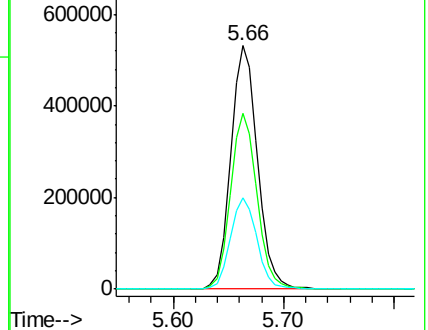
63 37.2 37.8 56.8#

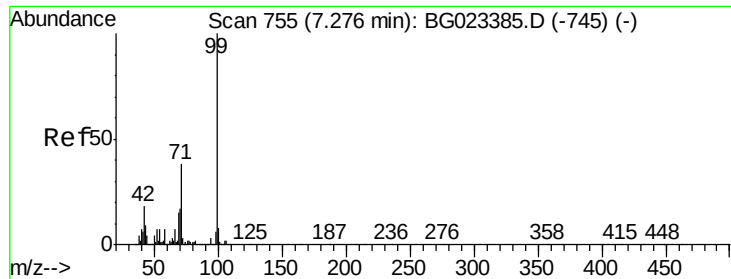


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 164.64 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023411.D

Acq: 3 Aug 2016 1:01

Instrument :

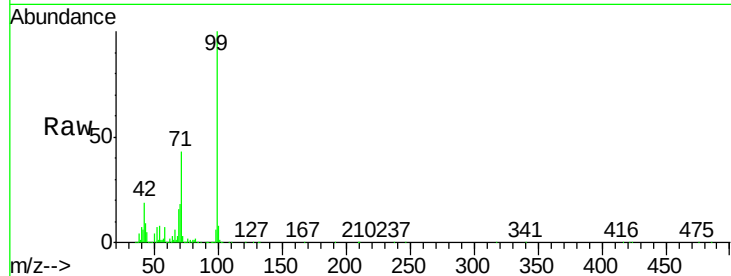
BNA_G

ClientSampleId :

SB-65-14.0-15.0

Tot Ion: 99 Resp: 1446497

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.8	26.6
71	42.7	41.5	62.3

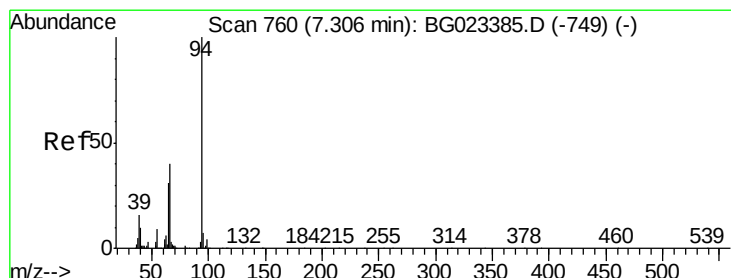
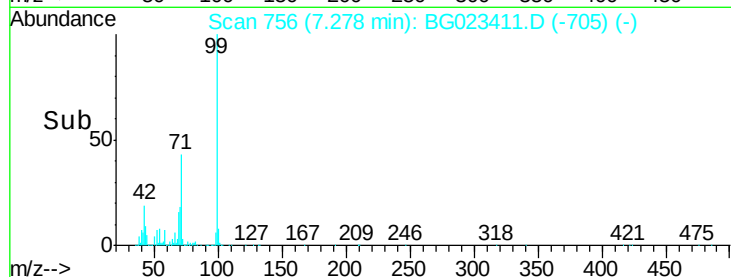
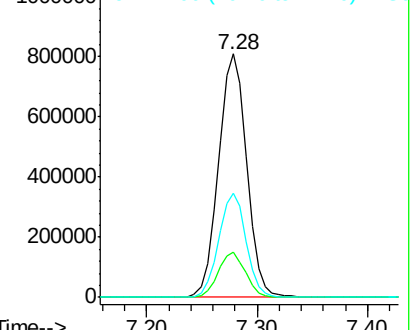


Abundance

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: 2.68 ng

RT: 7.31 min Scan# 761

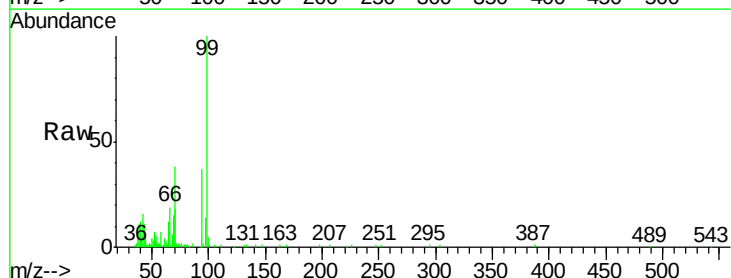
Delta R.T. 0.00 min

Lab File: BG023411.D

Acq: 3 Aug 2016 1:01

Tgt Ion: 94 Resp: 25166

Ion	Ratio	Lower	Upper
94	100		
65	32.5	18.1	58.1
66	51.2	42.1	82.1

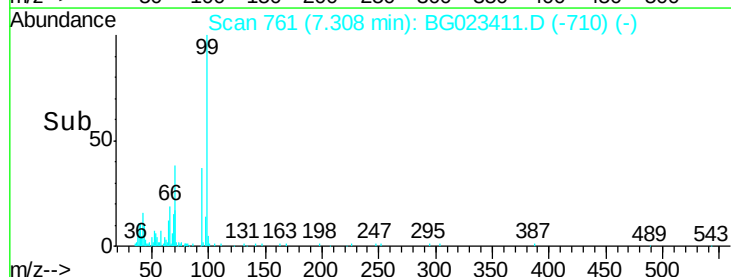
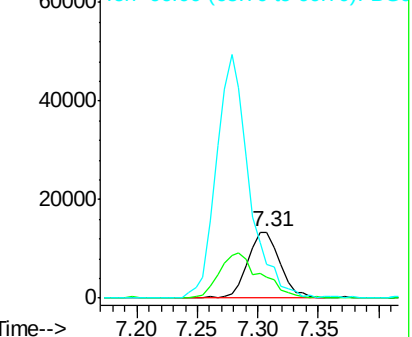


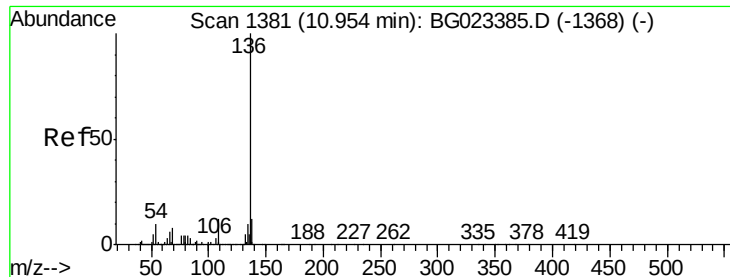
Abundance

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

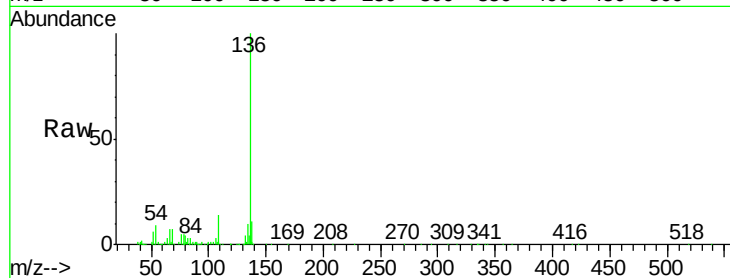




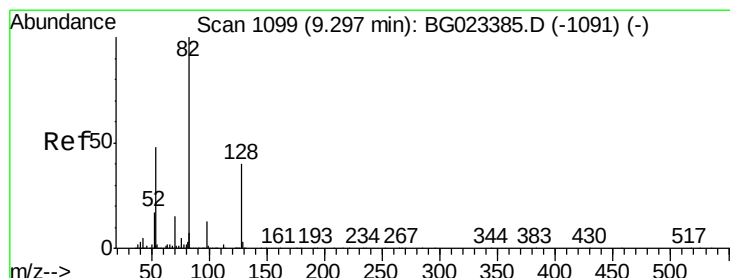
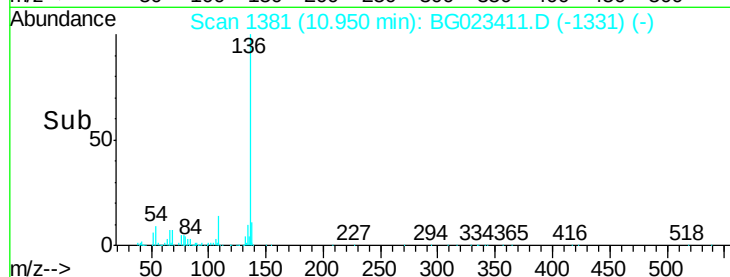
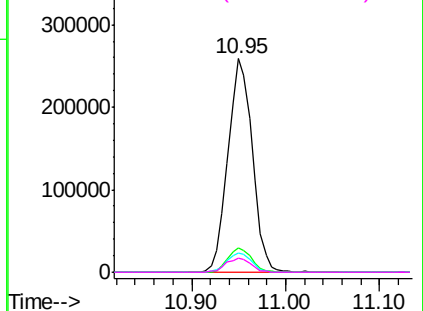
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG023411.D
Acq: 3 Aug 2016 1:01

Instrument :
BNA_G
ClientSampleId :
SB-65-14.0-15.0

Tot Ion:136	Resp:	467296	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.6	14.4	
54 9.3	7.3	10.9	
68 6.9	5.3	7.9	

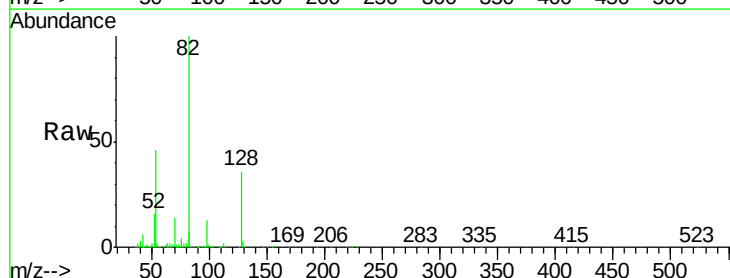


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

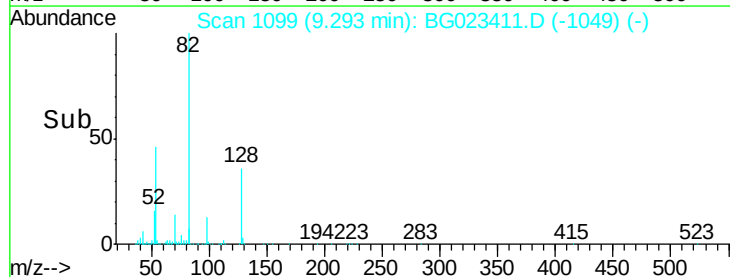
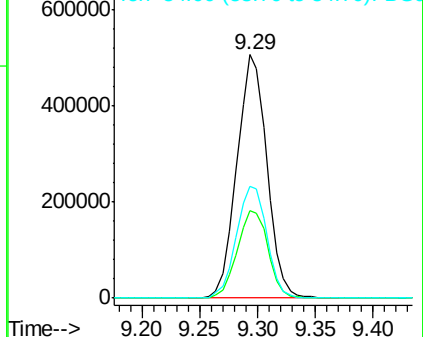


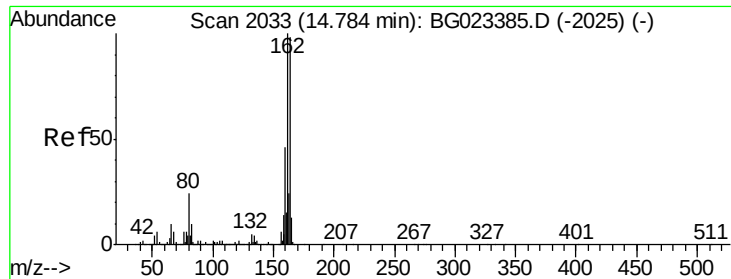
#23
Nitrobenzene-d5
Concen: 97.09 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BG023411.D
Acq: 3 Aug 2016 1:01

Tgt Ion: 82	Resp: 912591
Ion Ratio	Lower Upper
82 100	
128 35.9	24.4 36.6
54 46.0	41.4 62.0



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

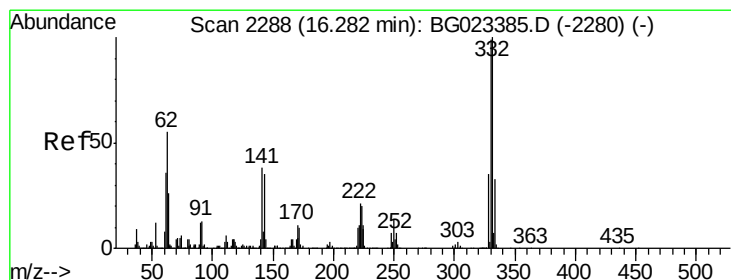
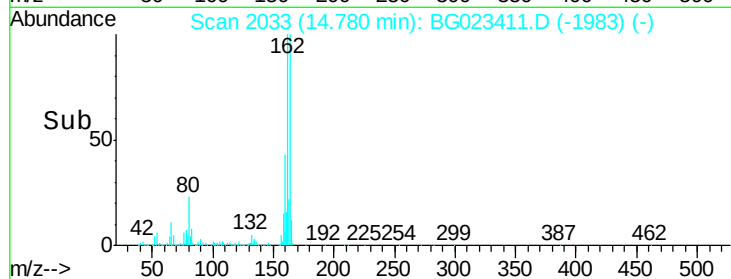
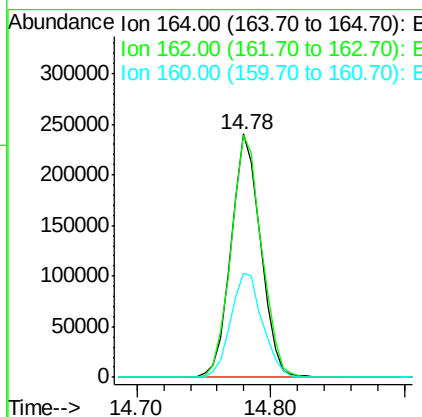
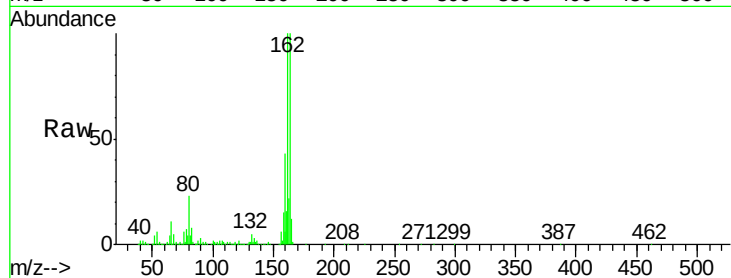




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG023411.D
Acq: 3 Aug 2016 1:01

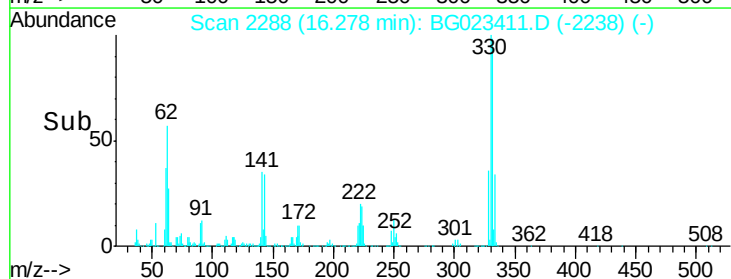
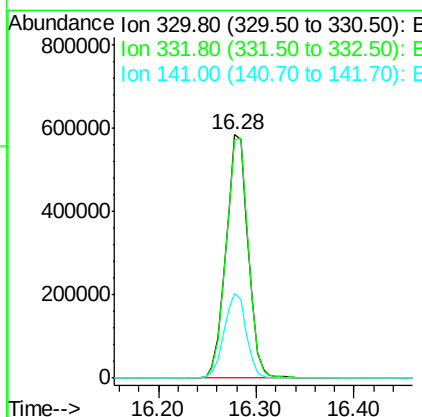
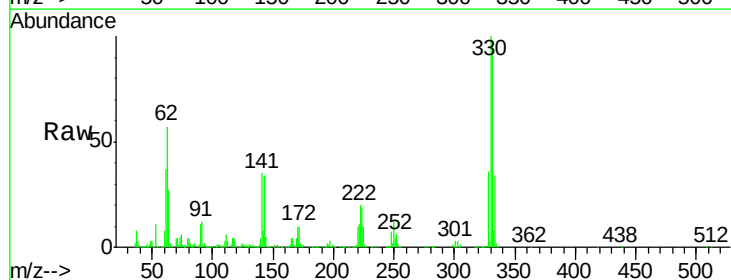
Instrument :
BNA_G
ClientSampleId :
SB-65-14.0-15.0

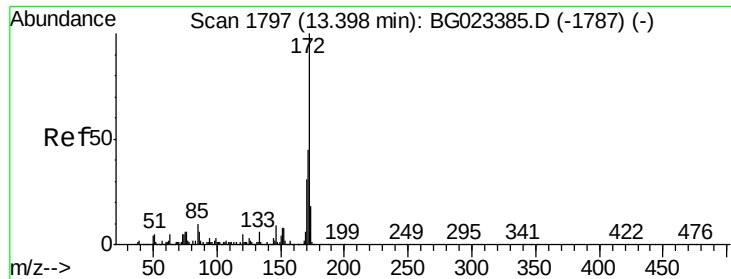
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	87.7	131.5
160	42.9	37.2	55.8



#41
2,4,6-Tribromophenol
Concen: 169.85 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG023411.D
Acq: 3 Aug 2016 1:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.4	116.2
141	34.8	31.7	47.5

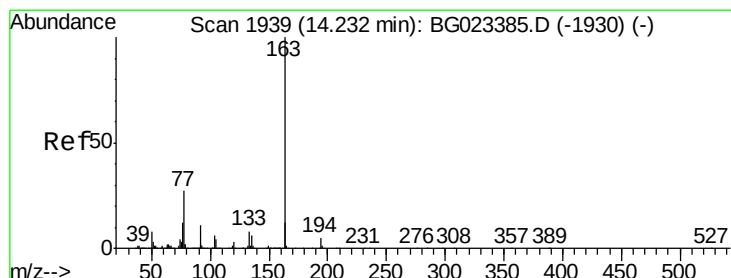
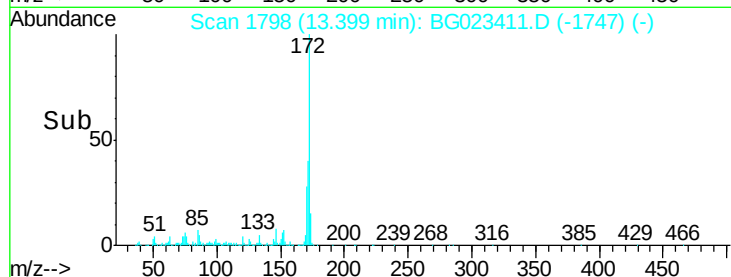
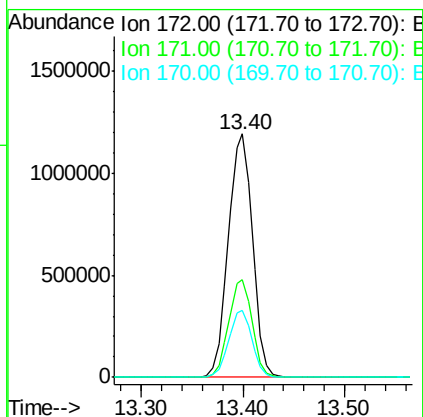
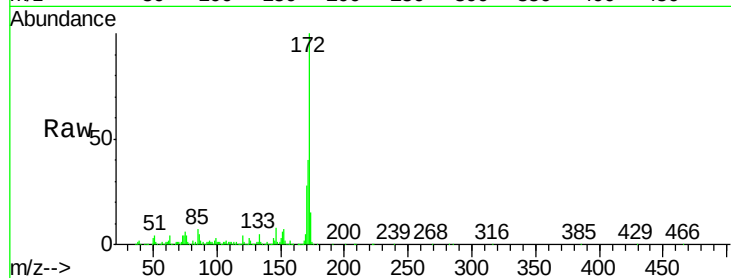




#44
2-Fluorobiphenyl
Concen: 90.35 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023411.D
Acq: 3 Aug 2016 1:01

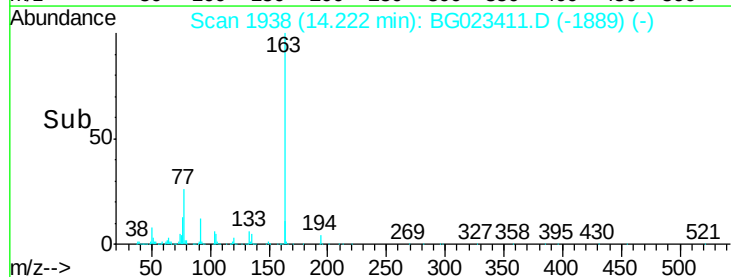
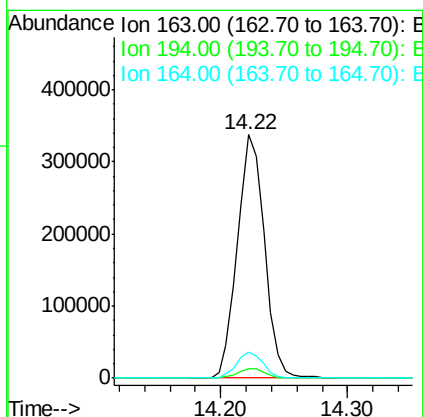
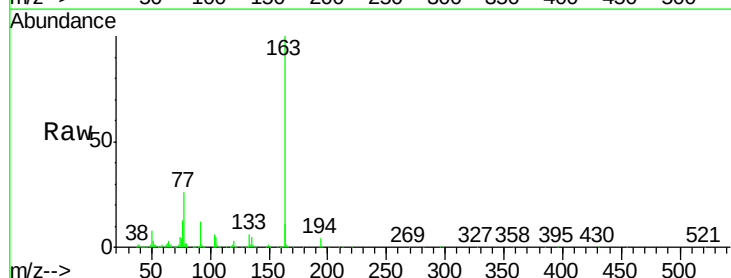
Instrument :
BNA_G
ClientSampleId :
SB-65-14.0-15.0

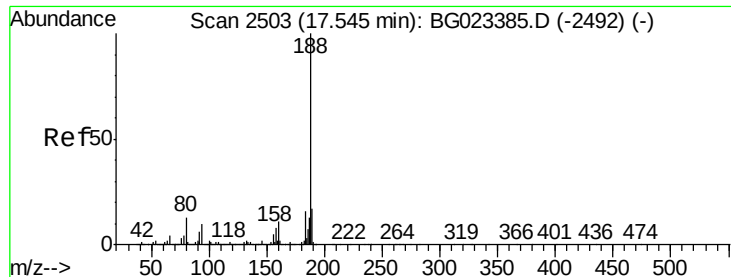
Tot Ion:172 Resp: 1975852
Ion Ratio Lower Upper
172 100
171 40.0 31.6 47.4
170 27.6 21.3 31.9



#49
Dimethylphthalate
Concen: 17.62 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023411.D
Acq: 3 Aug 2016 1:01

Tgt Ion:163 Resp: 498691
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.6 8.1 12.1

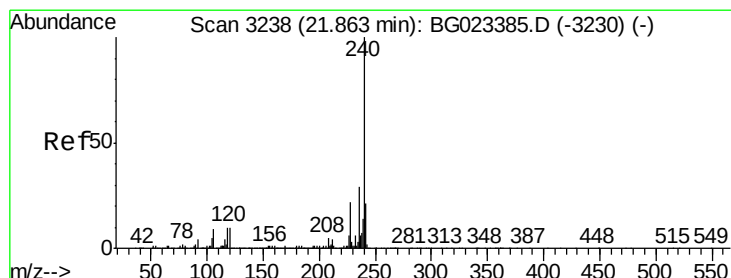
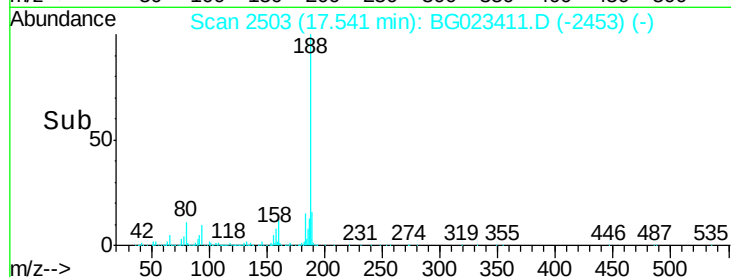
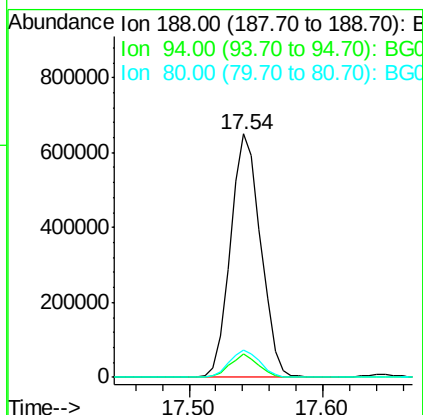
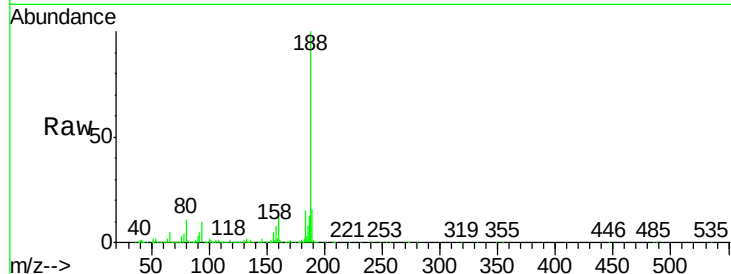




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023411.D
Acq: 3 Aug 2016 1:01

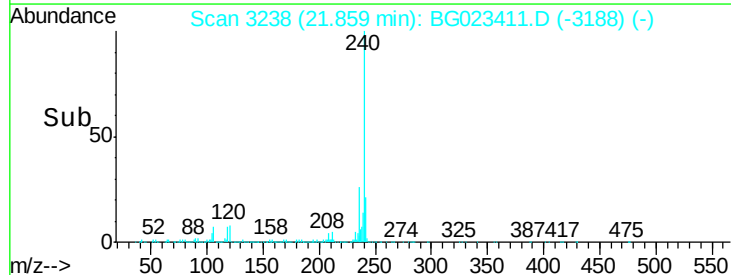
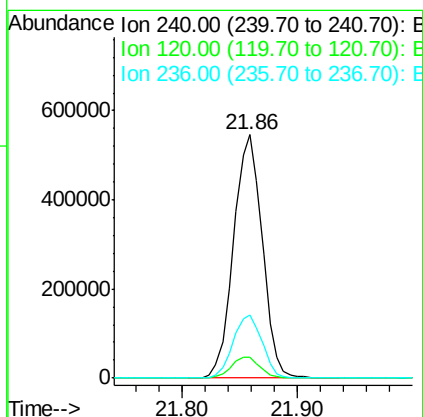
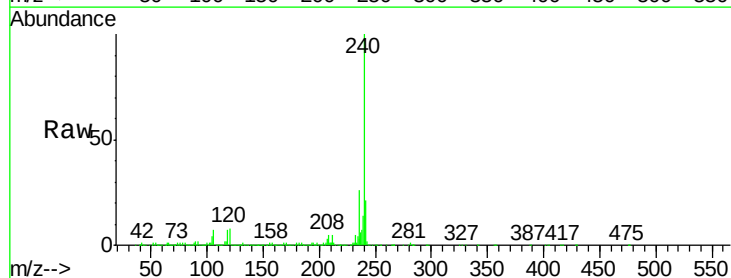
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BNA_G
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SB-65-14.0-15.0

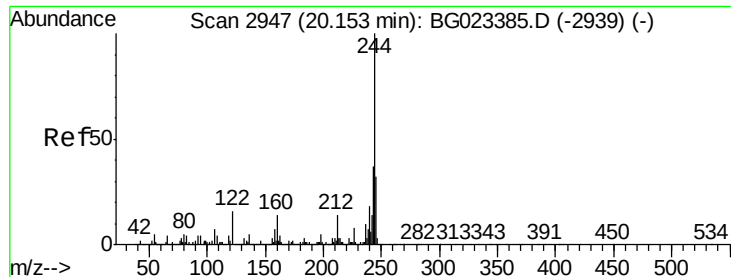
Tot Ion:188 Resp: 1022459
Ion Ratio Lower Upper
188 100
94 9.5 5.2 7.8#
80 11.3 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023411.D
Acq: 3 Aug 2016 1:01

Tgt Ion:240 Resp: 935374
Ion Ratio Lower Upper
240 100
120 8.4 4.1 6.1#
236 25.7 21.1 31.7





#78

Terphenyl-d14

Concen: 105.83 ng

RT: 20.15 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023411.D

Acq: 3 Aug 2016 1:01

Instrument :

BNA_G

ClientSampleId :

SB-65-14.0-15.0

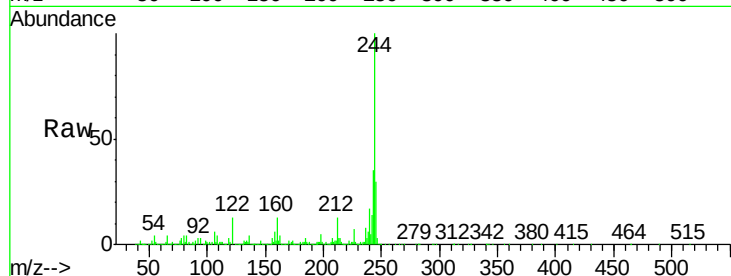
Tot Ion:244 Resp: 3023109

Ion Ratio Lower Upper

244 100

212 13.4 10.8 16.2

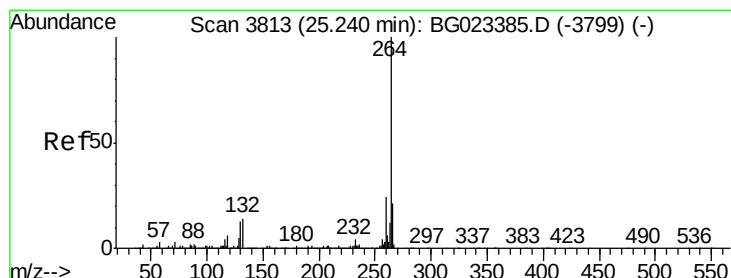
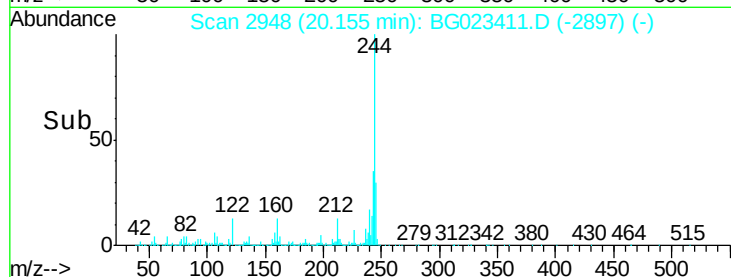
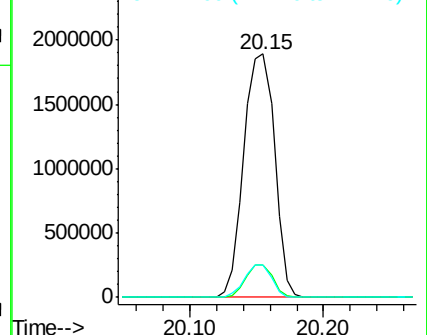
122 13.2 8.0 12.0#



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: 25.23 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BG023411.D

Acq: 3 Aug 2016 1:01

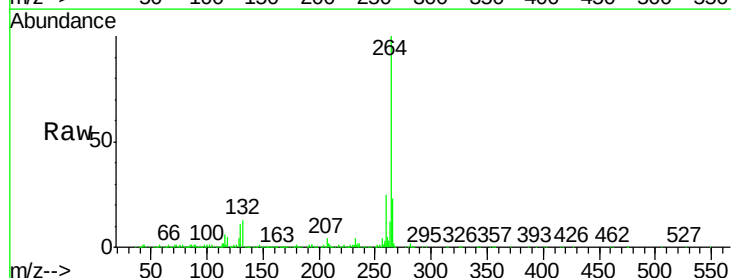
Tgt Ion:264 Resp: 938386

Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 23.3 18.9 28.3



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

