

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080316\
 Data File : BG023431.D
 Acq On : 3 Aug 2016 18:43
 Operator : UM/SJ
 Sample : H4287-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-62-7.0-8.0

Quant Time: Aug 04 03:33:09 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

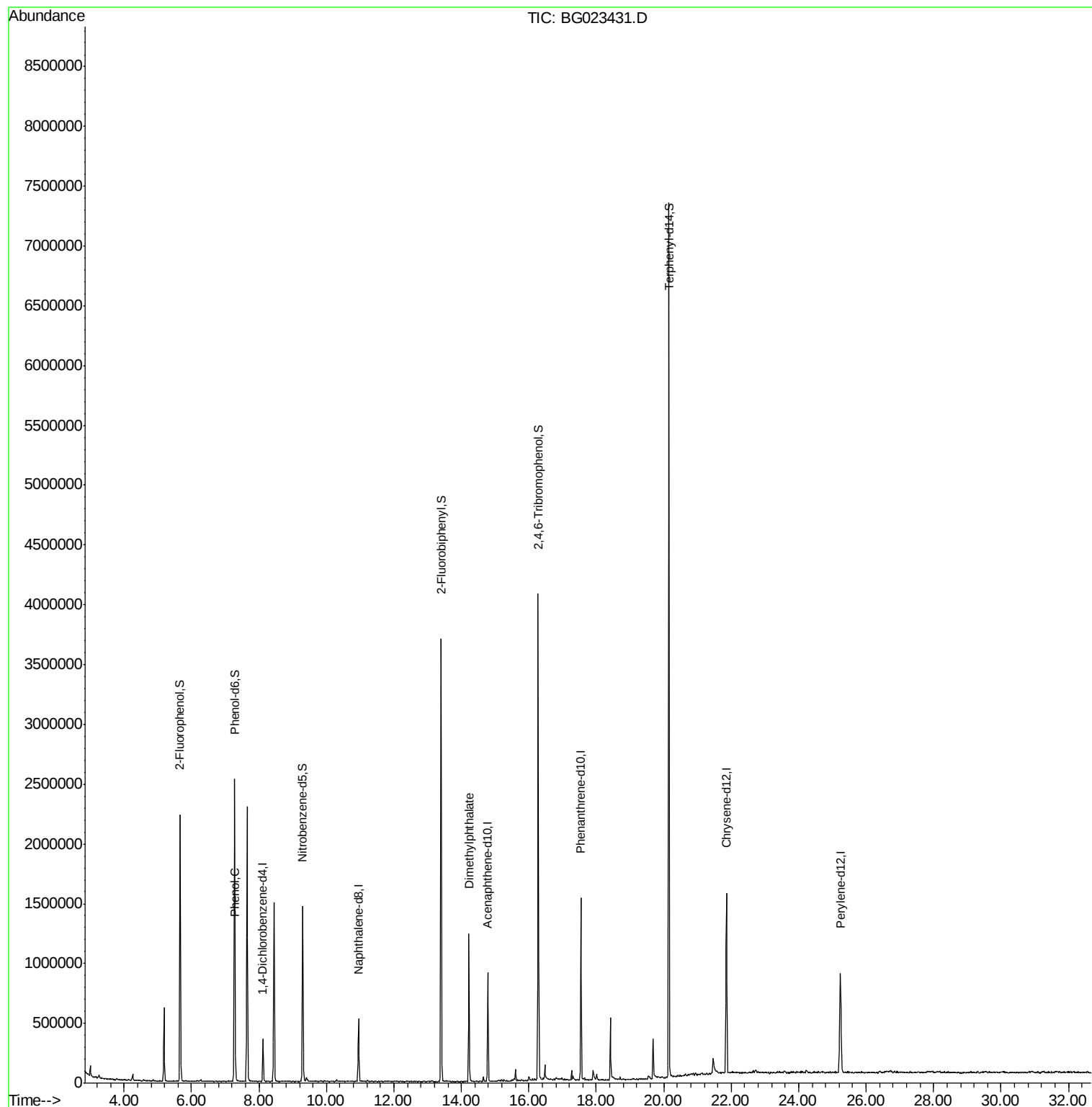
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	97281	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	434483	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	318366	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	891396	20.00	ng	0.00
75) Chrysene-d12	21.86	240	946728	20.00	ng	0.00
86) Perylene-d12	25.24	264	900545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	940561	162.75	ng	0.00
7) Phenol-d6	7.27	99	1498920	166.52	ng	0.00
23) Nitrobenzene-d5	9.29	82	963263	110.22	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	747926	160.61	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1802775	95.51	ng	0.00
78) Terphenyl-d14	20.16	244	2904535	99.21	ng	0.00
Target Compounds						
10) Phenol	7.30	94	24986	2.59	ng	Qvalue # 83
49) Dimethylphthalate	14.22	163	787711	32.25	ng	98

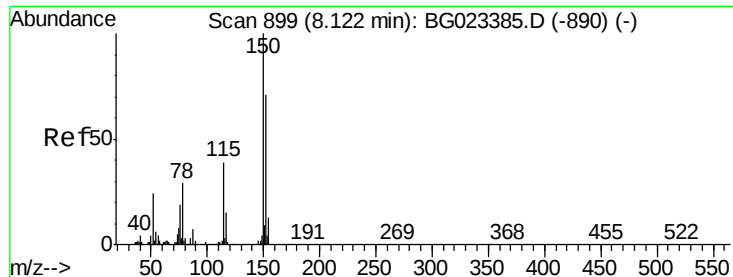
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023431.D

Acq: 3 Aug 2016 18:43

Instrument :

BNA_G

ClientSampleId :

SB-62-7.0-8.0

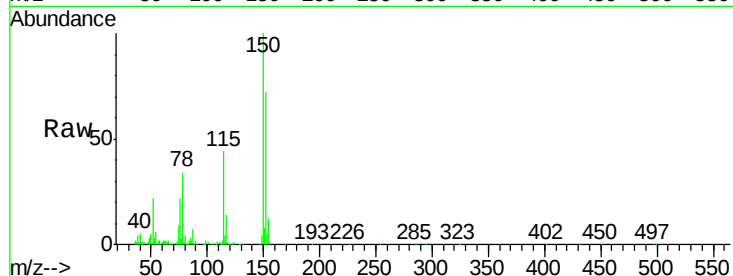
Tot Ion:152 Resp: 97281

Ion Ratio Lower Upper

152 100

150 139.7 144.7 217.1#

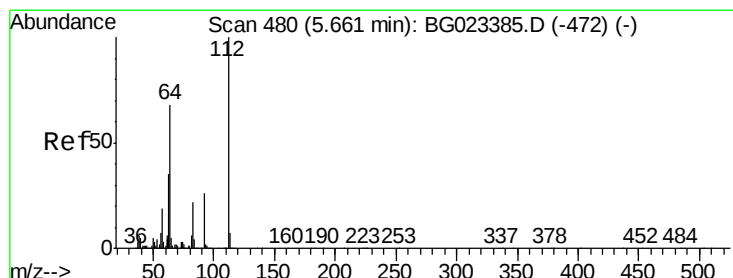
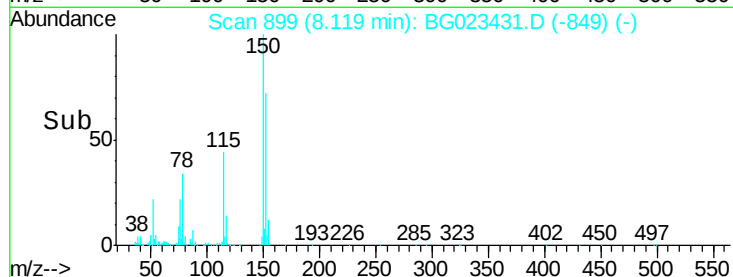
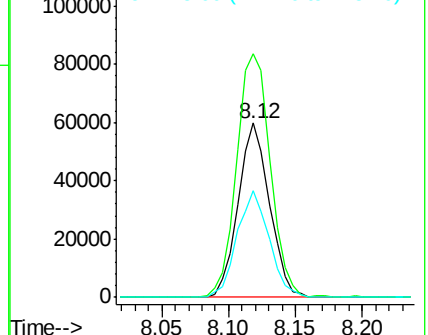
115 61.2 64.0 96.0#



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: 162.75 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

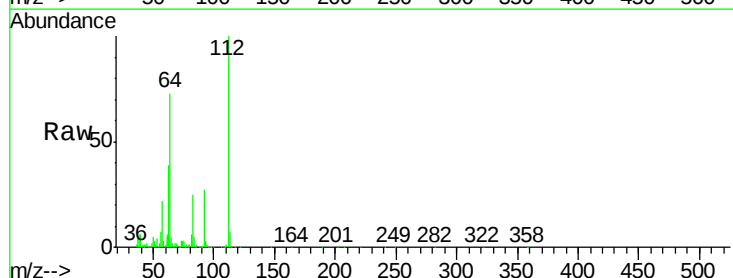
Tgt Ion:112 Resp: 940561

Ion Ratio Lower Upper

112 100

64 72.5 59.0 88.4

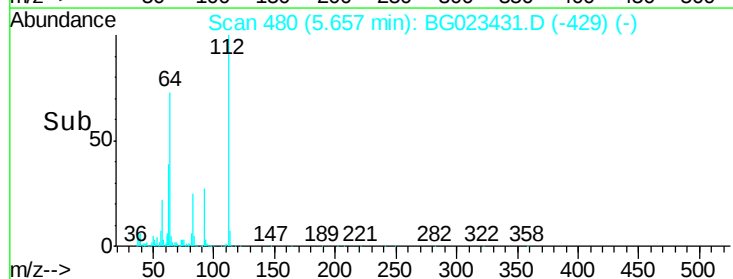
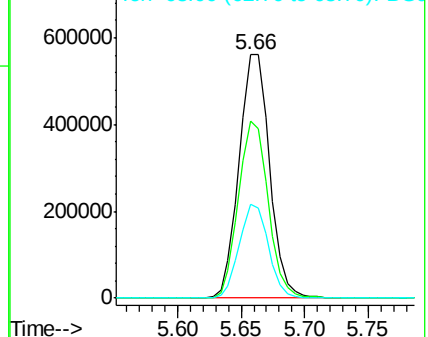
63 38.7 37.8 56.8

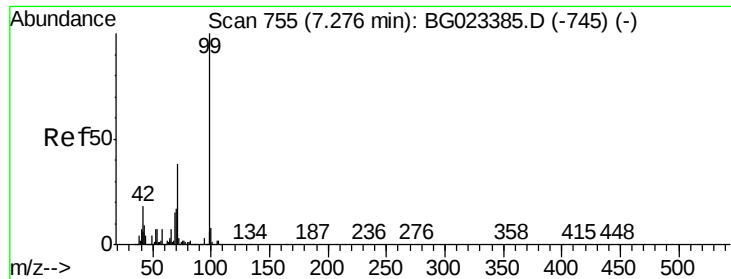


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 166.52 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

Instrument :

BNA_G

ClientSampled :

SB-62-7.0-8.0

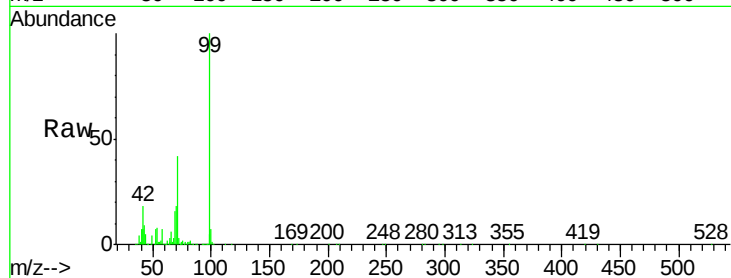
Tot Ion: 99 Resp: 1498920

Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.8	26.6
71	42.0	41.5	62.3

99 100

42 18.0 17.8 26.6

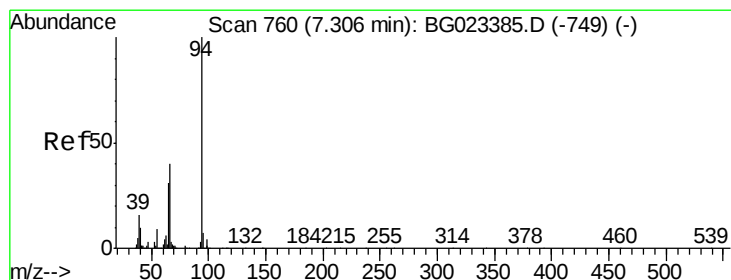
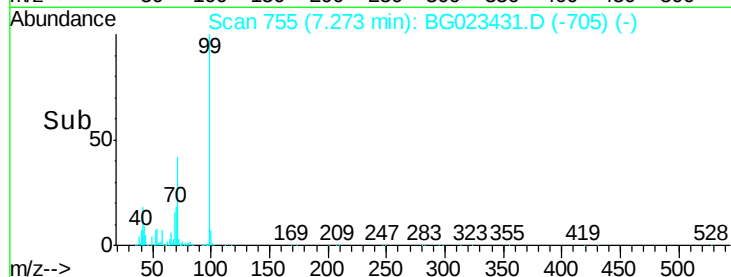
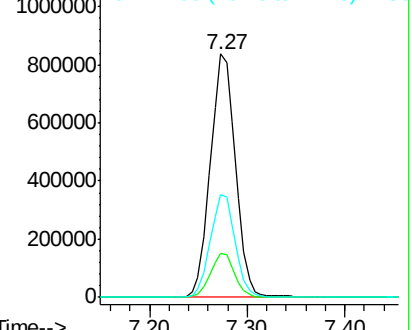
71 42.0 41.5 62.3



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: 2.59 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.01 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

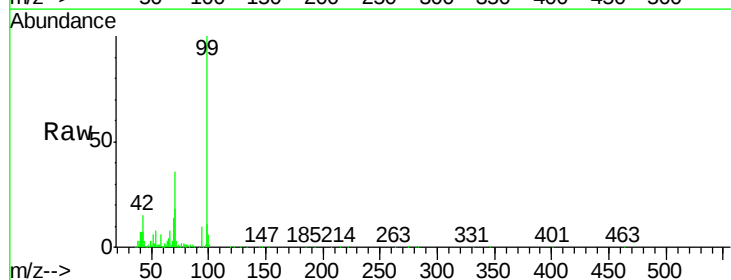
Tgt Ion: 94 Resp: 24986

Ion	Ratio	Lower	Upper
94	100		
65	40.0	18.1	58.1
66	82.3	42.1	82.1#

94 100

65 40.0 18.1 58.1

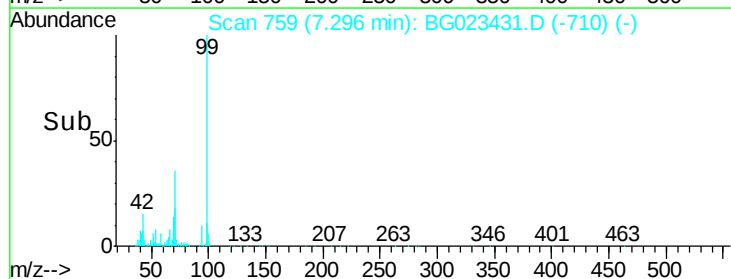
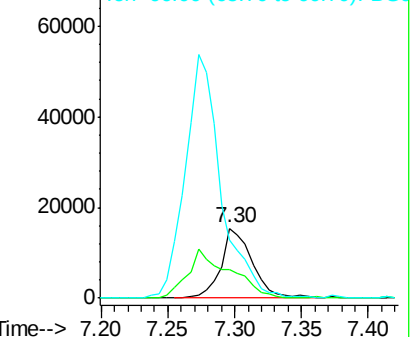
66 82.3 42.1 82.1#

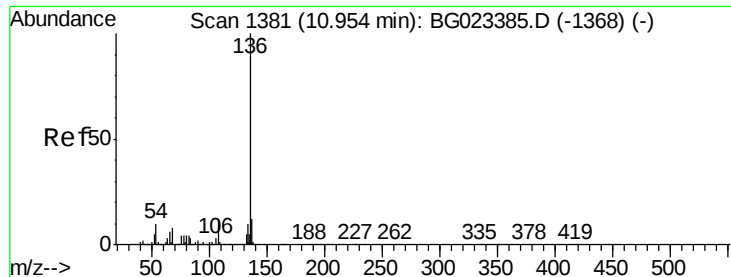


Abundance Ion 94.00 (93.70 to 94.70): BGC

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: BG023431.D

Acq: 3 Aug 2016 18:43

Instrument :

BNA_G

ClientSampleId :

SB-62-7.0-8.0

Tot Ion:136 Resp: 434483

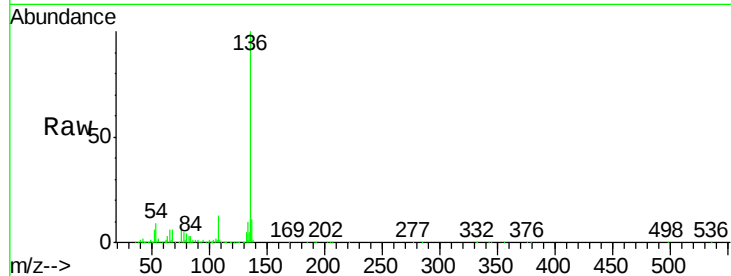
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 9.1 7.3 10.9

68 6.2 5.3 7.9

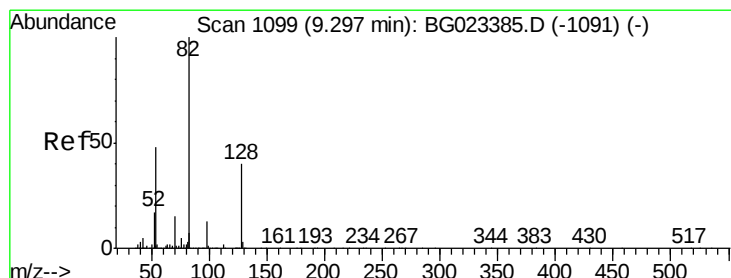
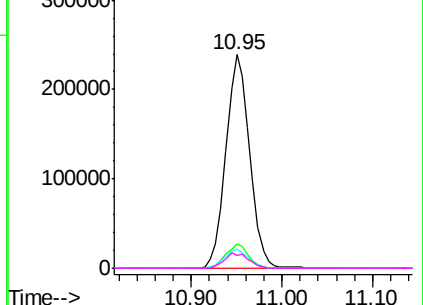
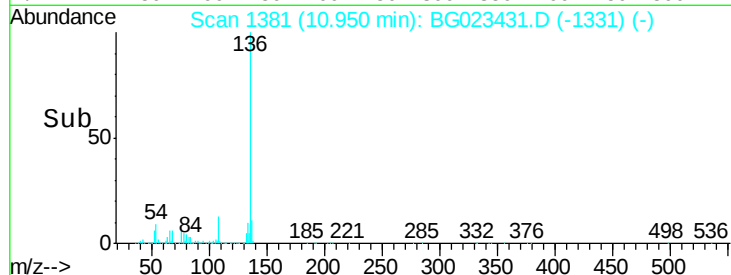


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.22 ng

RT: 9.29 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

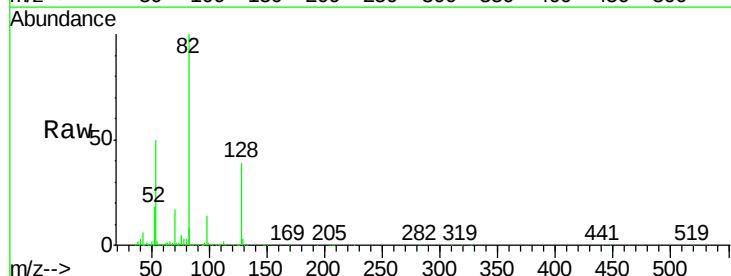
Tgt Ion: 82 Resp: 963263

Ion Ratio Lower Upper

82 100

128 38.9 24.4 36.6#

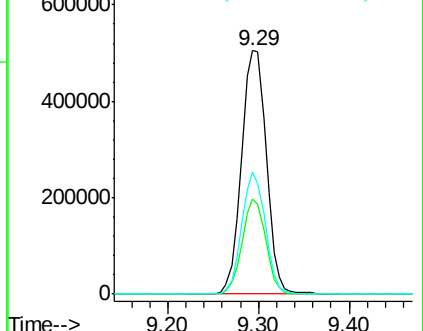
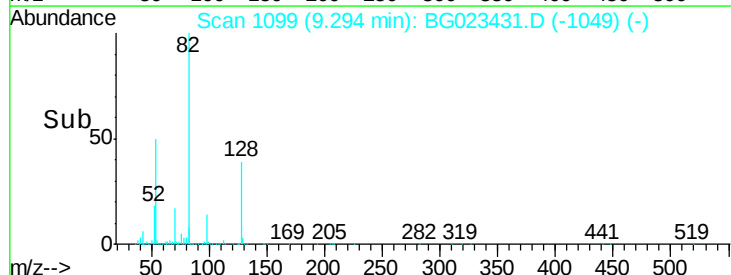
54 50.0 41.4 62.0

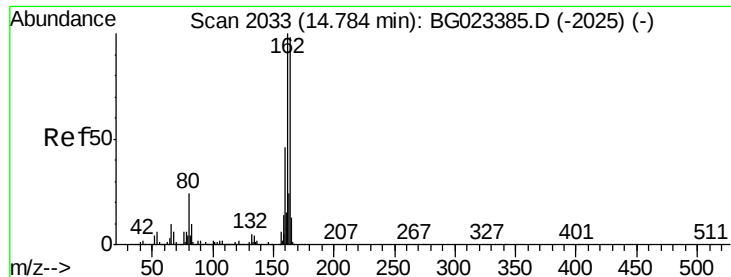


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG023431.D

Acq: 3 Aug 2016 18:43

Instrument :

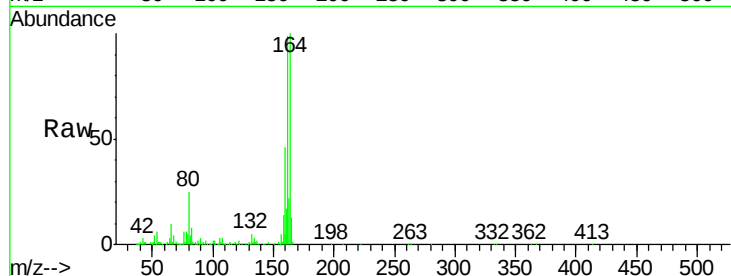
BNA_G

ClientSampleId :

SB-62-7.0-8.0

Tot Ion:164 Resp: 318366

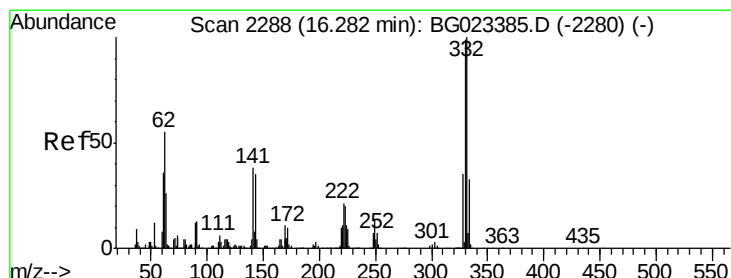
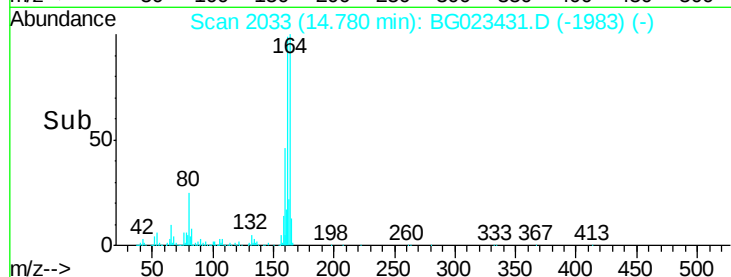
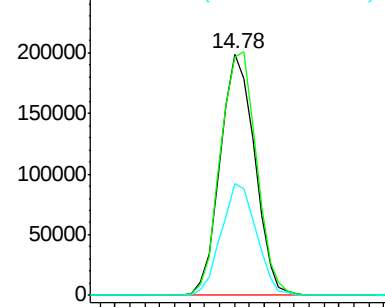
Ion	Ratio	Lower	Upper
164	100		
162	99.0	87.7	131.5
160	46.3	37.2	55.8



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: 160.61 ng

RT: 16.28 min Scan# 2288

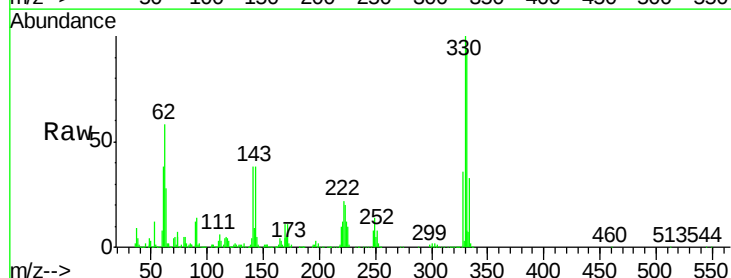
Delta R.T. -0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

Tgt Ion:330 Resp: 747926

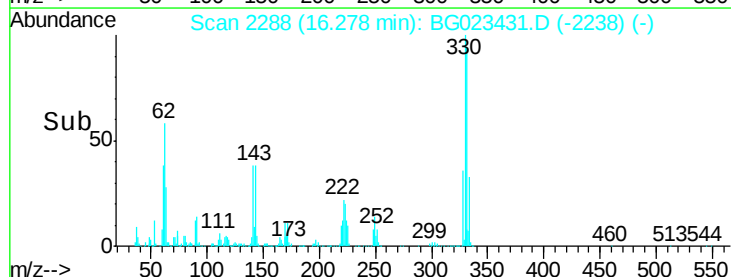
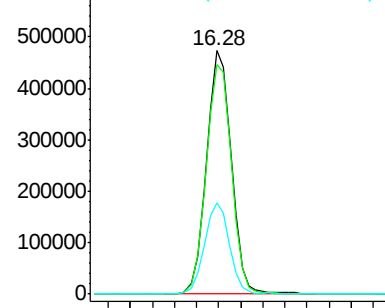
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	37.6	31.7	47.5

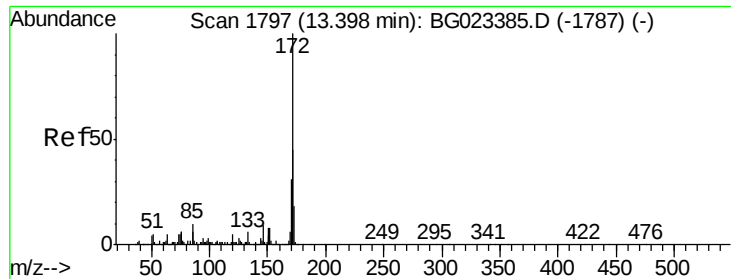


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

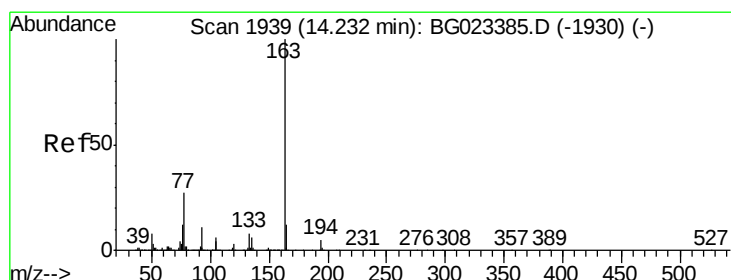
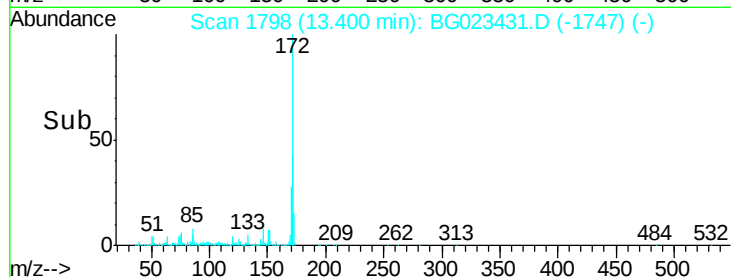
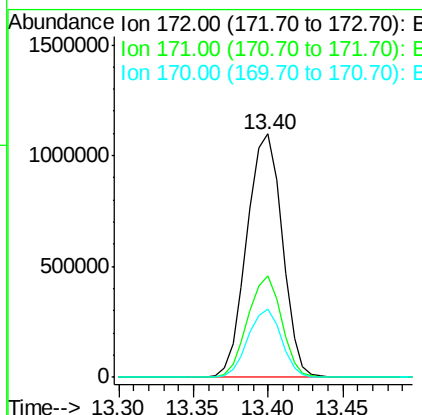
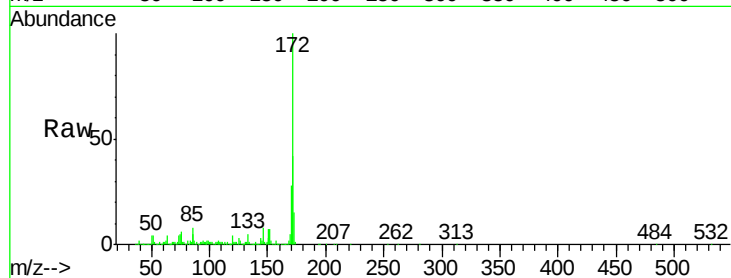




#44
2-Fluorobiphenyl
Concen: 95.51 ng
RT: 13.40 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG023431.D
Acq: 3 Aug 2016 18:43

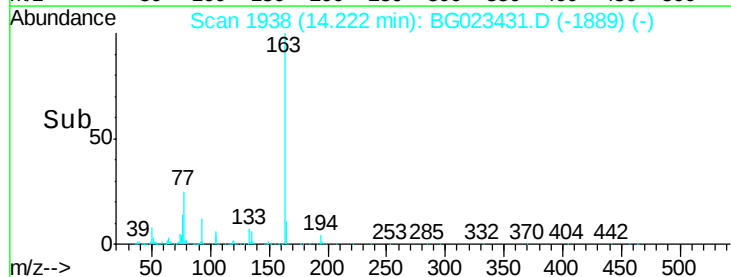
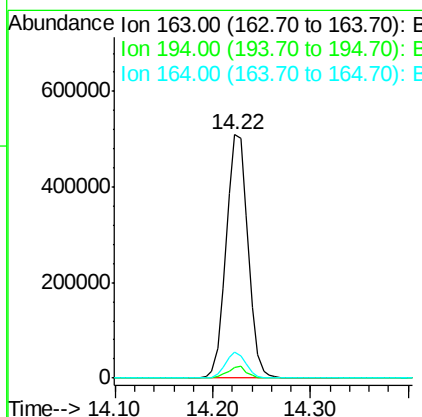
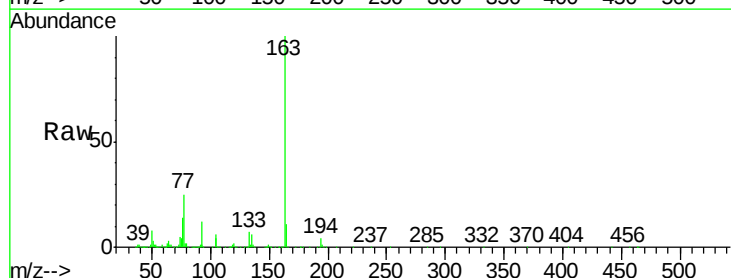
Instrument :
BNA_G
ClientSampleId :
SB-62-7.0-8.0

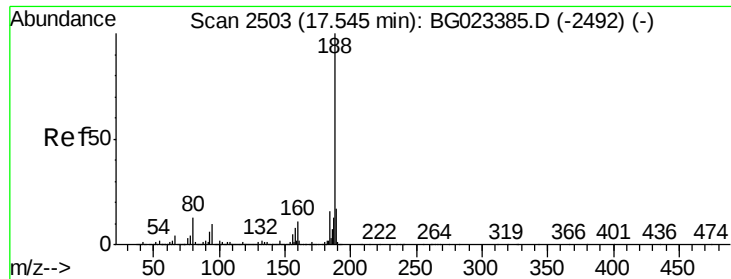
Tot Ion:172 Resp: 1802775
Ion Ratio Lower Upper
172 100
171 41.6 31.6 47.4
170 28.0 21.3 31.9



#49
Dimethylphthalate
Concen: 32.25 ng
RT: 14.22 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG023431.D
Acq: 3 Aug 2016 18:43

Tgt Ion:163 Resp: 787711
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 10.9 8.1 12.1

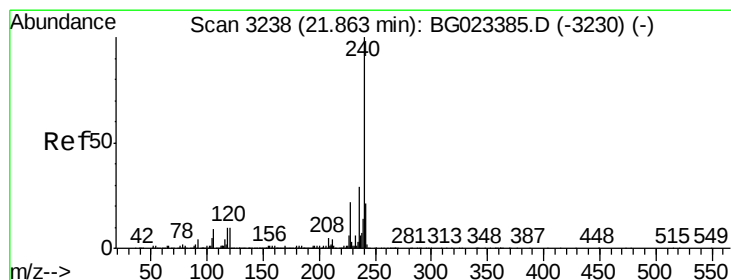
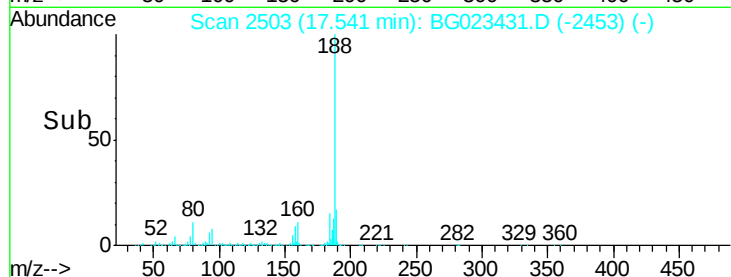
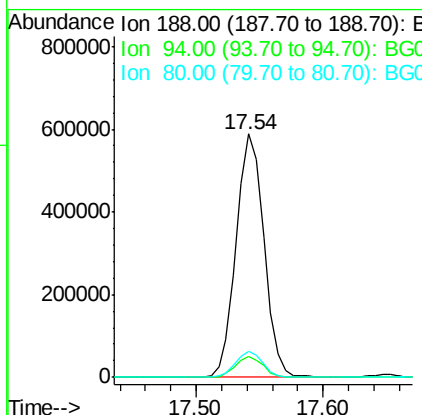
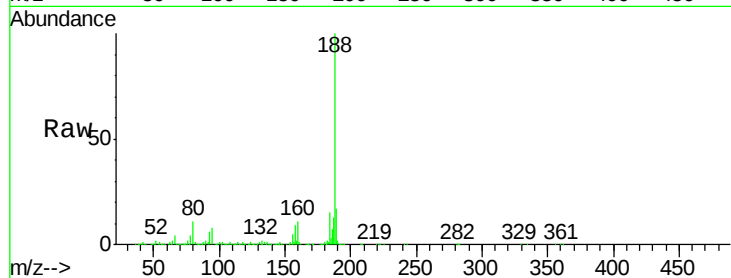




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG023431.D
Acq: 3 Aug 2016 18:43

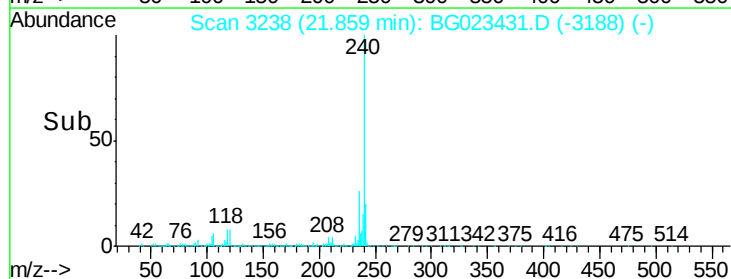
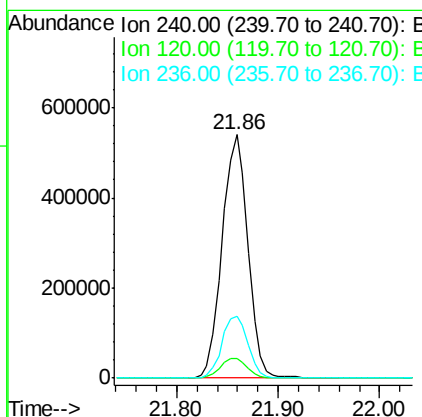
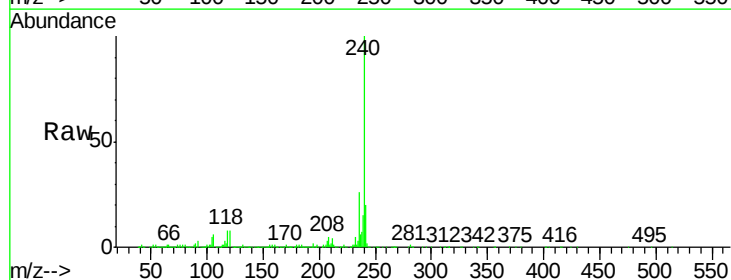
Instrument :
BNA_G
ClientSampleId :
SB-62-7.0-8.0

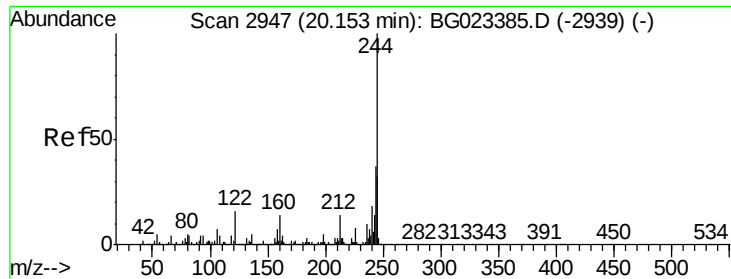
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	5.2	7.8#
80	10.6	7.2	10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG023431.D
Acq: 3 Aug 2016 18:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	4.1	6.1#
236	25.6	21.1	31.7





#78

Terphenyl-d14

Concen: 99.21 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

Instrument :

BNA_G

ClientSampleId :

SB-62-7.0-8.0

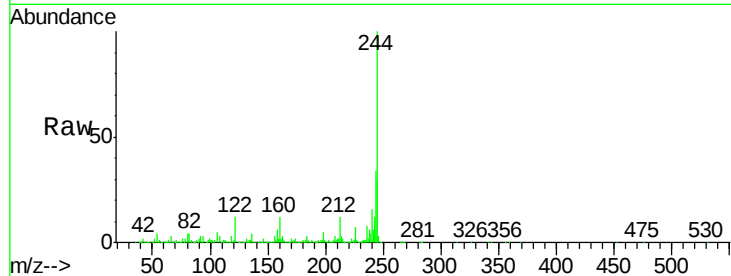
Tot Ion:244 Resp: 2904535

Ion Ratio Lower Upper

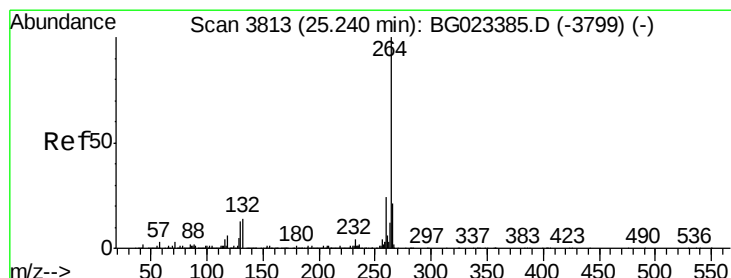
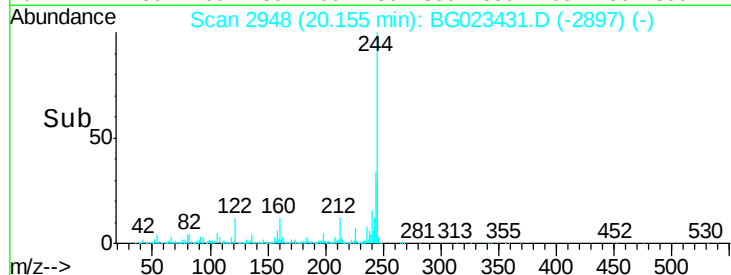
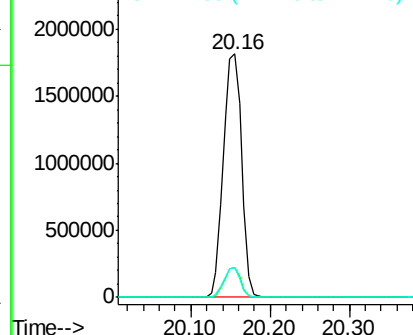
244 100

212 12.4 10.8 16.2

122 12.1 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: 25.24 min Scan# 3813

Delta R.T. -0.00 min

Lab File: BG023431.D

Acq: 3 Aug 2016 18:43

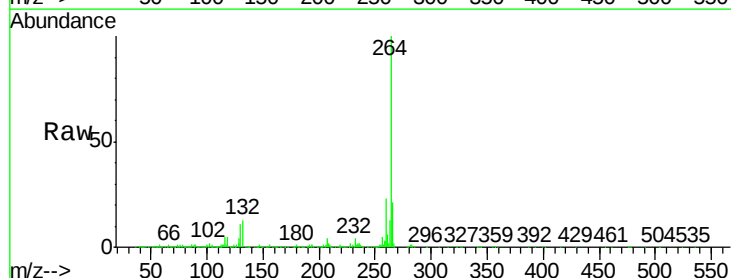
Tgt Ion:264 Resp: 900545

Ion Ratio Lower Upper

264 100

260 22.7 18.4 27.6

265 21.3 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

