

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023013.D
 Acq On : 11 Jul 2016 23:18
 Operator : UM/SJ
 Sample : H3967-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0005

Quant Time: Jul 12 04:35:09 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

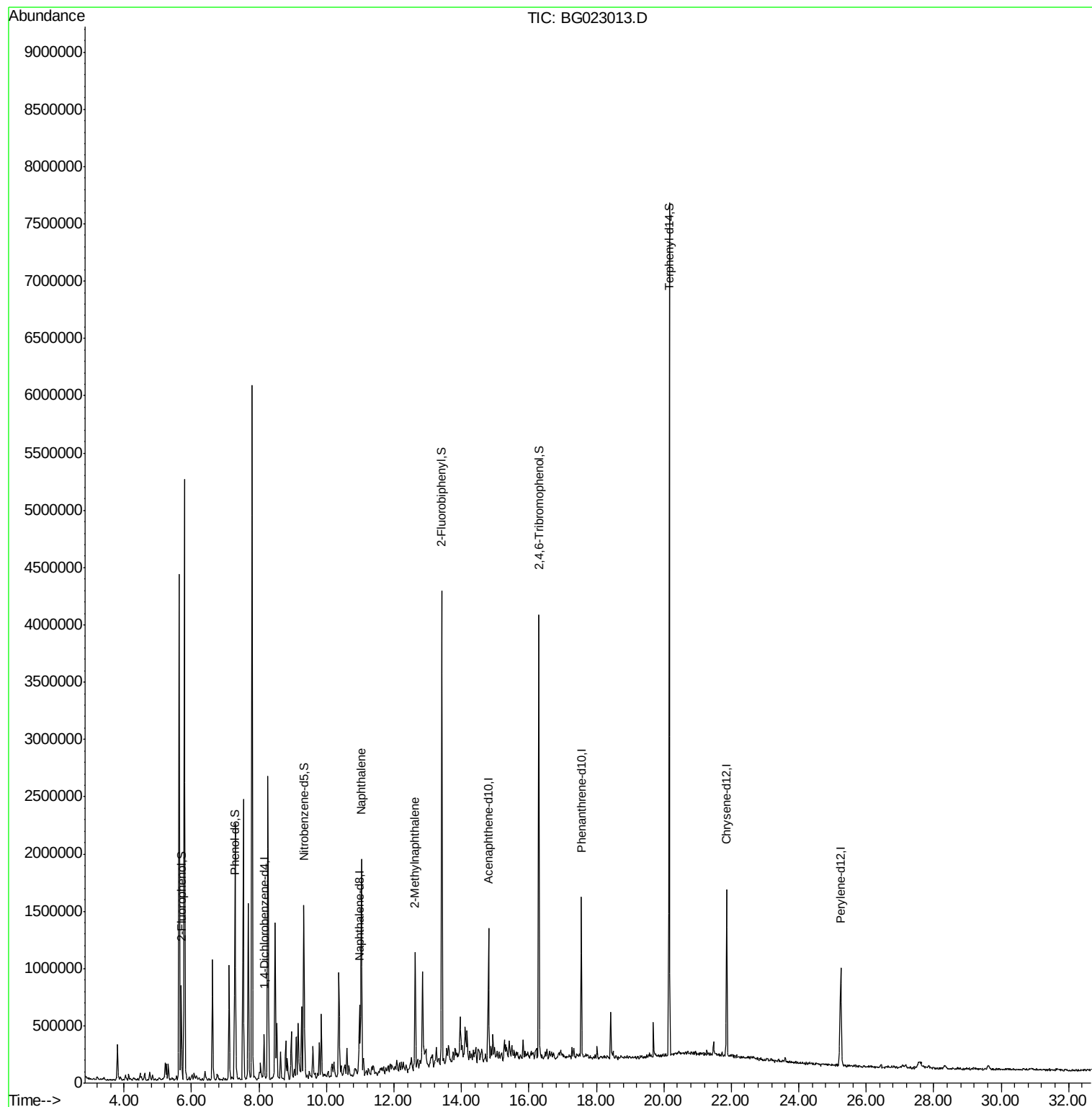
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	98627	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	480763	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	377779	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	856075	20.00	ng	0.00
75) Chrysene-d12	21.86	240	945933	20.00	ng	0.01
86) Perylene-d12	25.24	264	977911	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	317546	52.66	ng	0.00
7) Phenol-d6	7.30	99	339638	35.96	ng	0.00
23) Nitrobenzene-d5	9.33	82	922894	82.20	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	697006	102.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1978764	82.50	ng	0.00
78) Terphenyl-d14	20.16	244	2754080	97.77	ng	0.00
Target Compounds						
31) Naphthalene	11.04	128	1389657	56.78	ng	Qvalue 100
37) 2-Methylnaphthalene	12.63	142	446280	23.07	ng	95

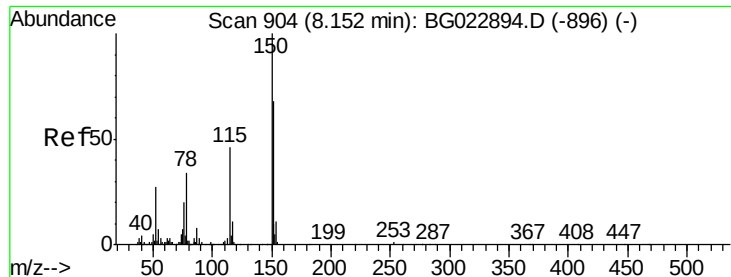
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG023013.D

Acq: 11 Jul 2016 23:18

Instrument :

BNA_G

ClientSampleId :

S22-0005

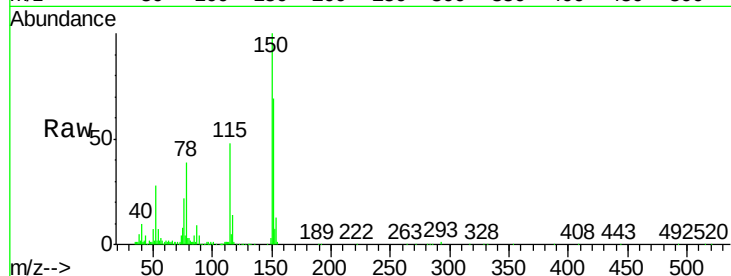
Tot Ion:152 Resp: 98627

Ion Ratio Lower Upper

152 100

150 144.6 144.7 217.1#

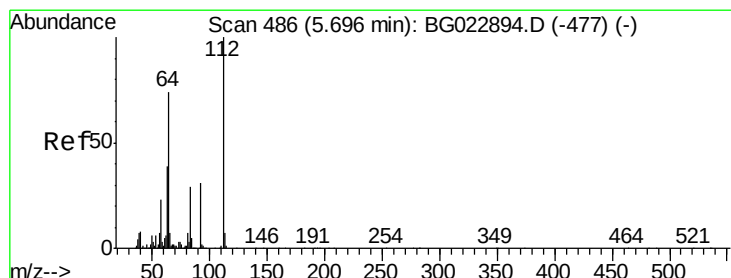
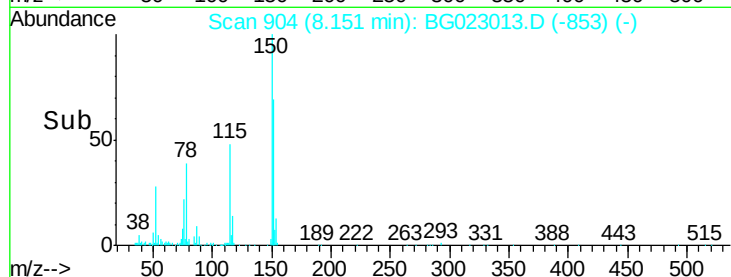
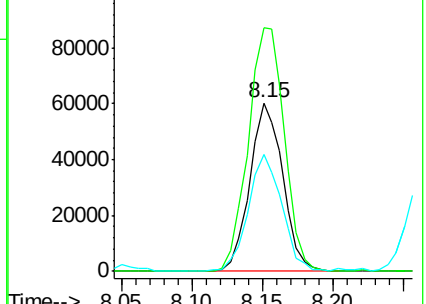
115 69.3 64.0 96.0



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: 52.66 ng

RT: 5.69 min Scan# 486

Delta R.T. -0.00 min

Lab File: BG023013.D

Acq: 11 Jul 2016 23:18

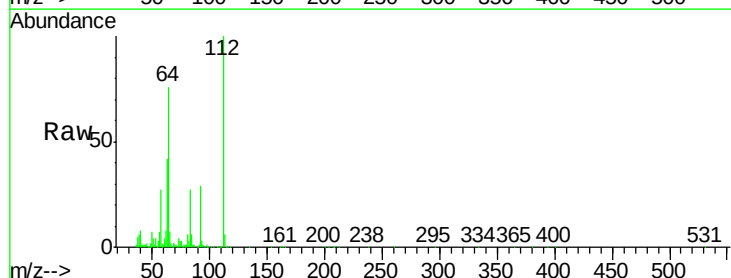
Tgt Ion:112 Resp: 317546

Ion Ratio Lower Upper

112 100

64 76.1 59.0 88.4

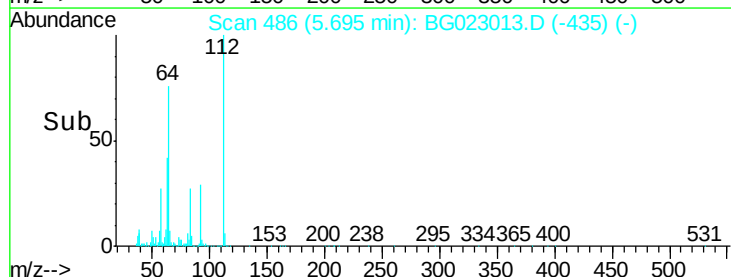
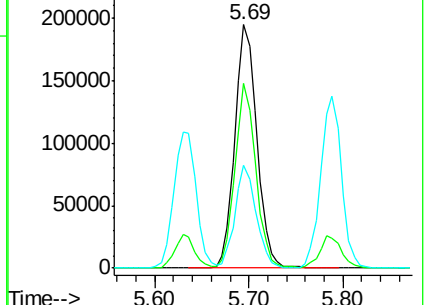
63 42.4 37.8 56.8

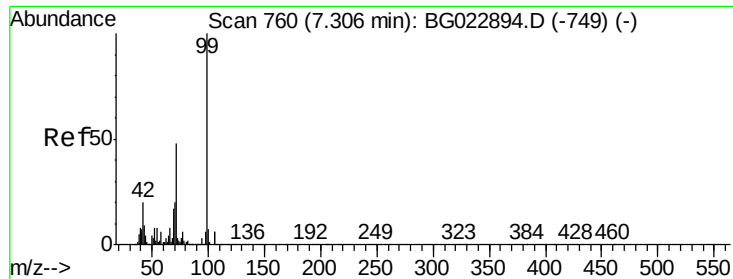


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.96 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023013.D

Acq: 11 Jul 2016 23:18

Instrument :

BNA_G

ClientSampleId :

S22-0005

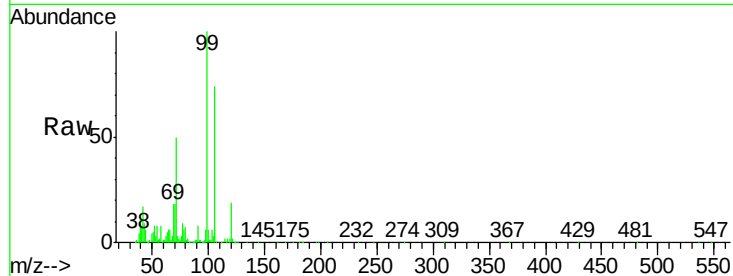
Tot Ion: 99 Resp: 339638

Ion Ratio Lower Upper

99 100

42 17.3 17.8 26.6#

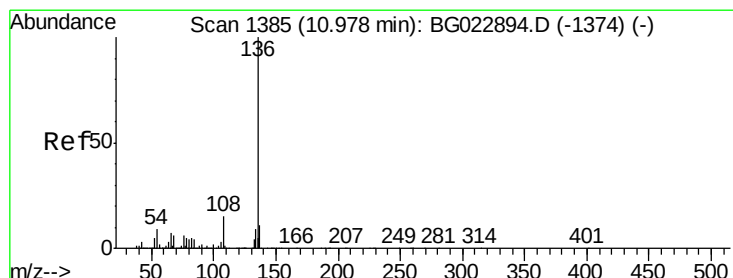
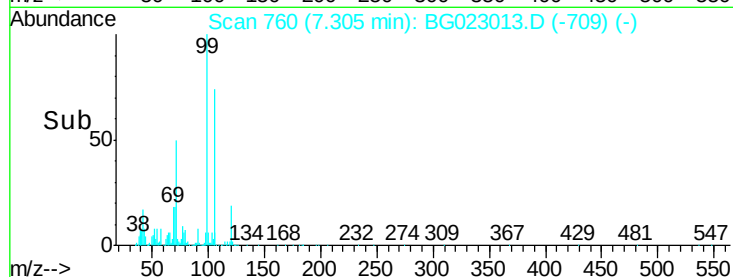
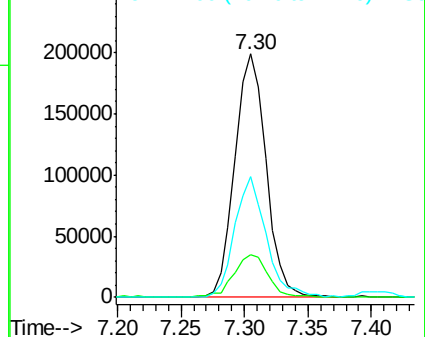
71 49.7 41.5 62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023013.D

Acq: 11 Jul 2016 23:18

Tgt Ion: 136 Resp: 480763

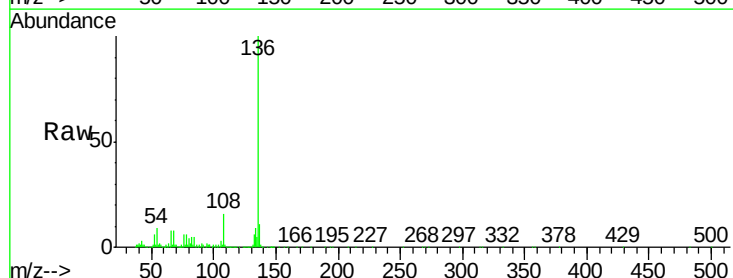
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 8.5 7.3 10.9

68 7.5 5.3 7.9

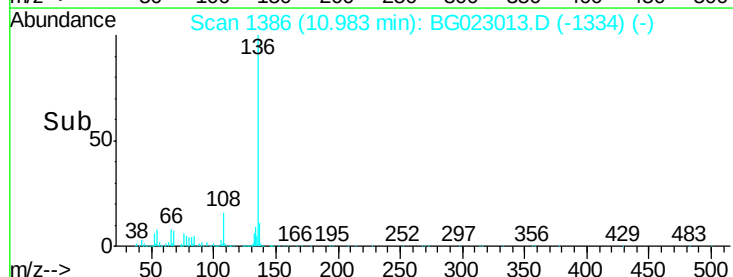
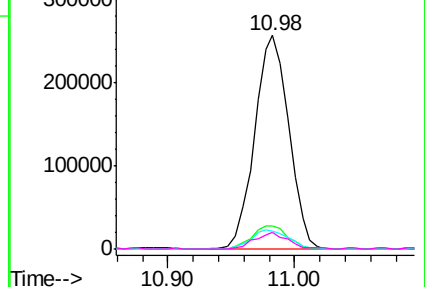


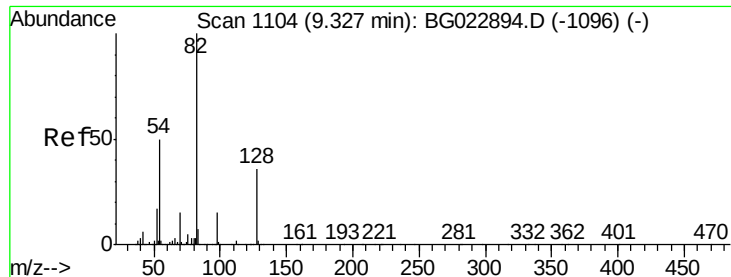
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 82.20 ng

RT: 9.33 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG023013.D

Acq: 11 Jul 2016 23:18

Instrument :

BNA_G

ClientSampleId :

S22-0005

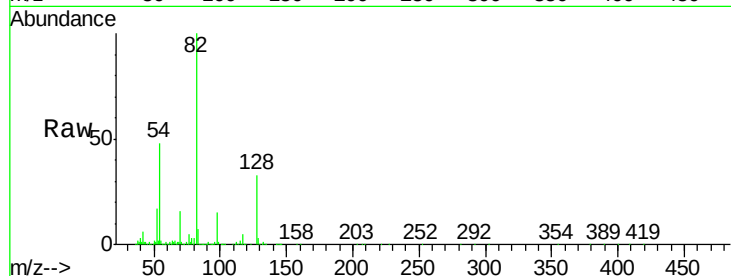
Tot Ion: 82 Resp: 922894

Ion Ratio Lower Upper

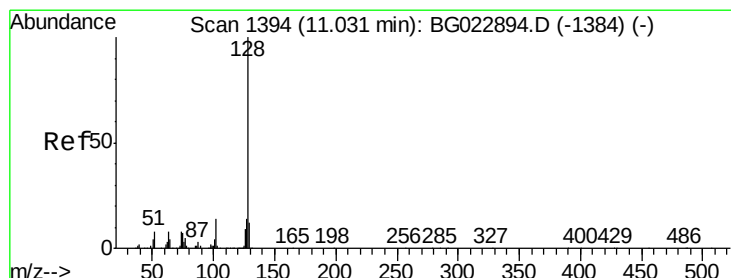
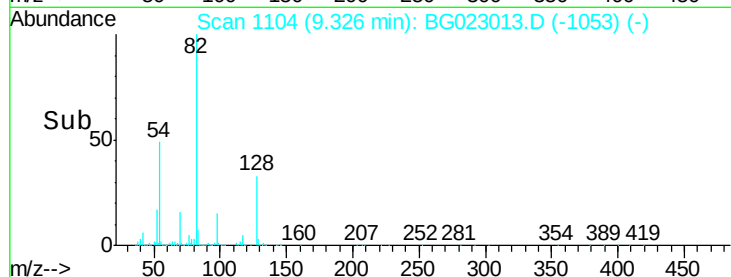
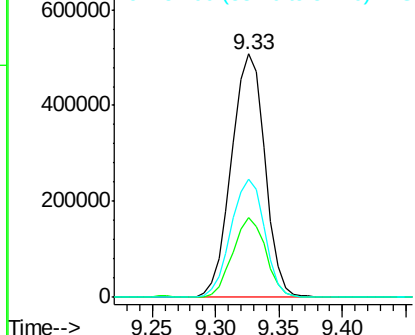
82 100

128 32.9 24.4 36.6

54 48.5 41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#31

Naphthalene

Concen: 56.78 ng

RT: 11.04 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BG023013.D

Acq: 11 Jul 2016 23:18

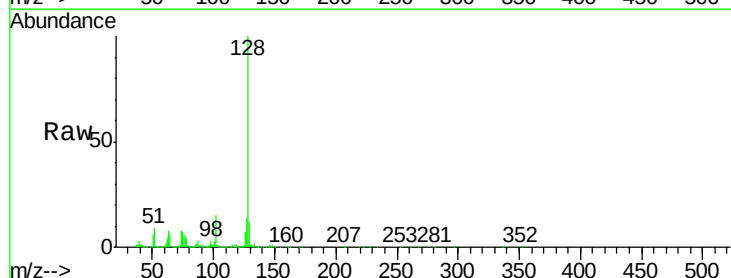
Tgt Ion: 128 Resp: 1389657

Ion Ratio Lower Upper

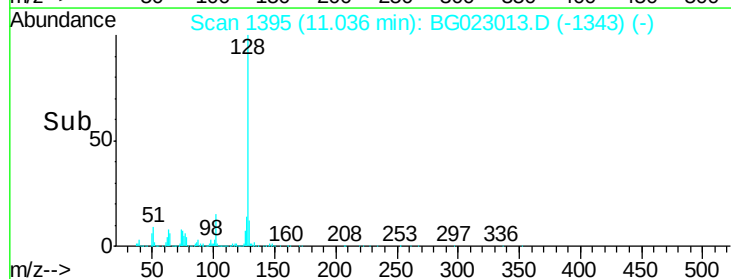
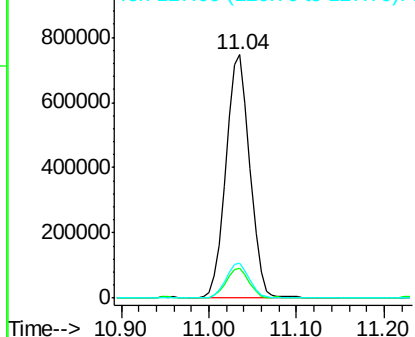
128 100

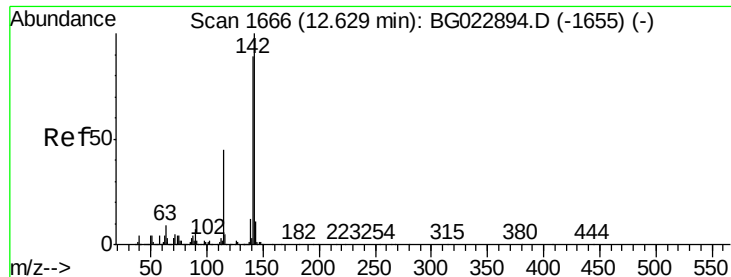
129 12.1 9.4 14.0

127 14.1 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

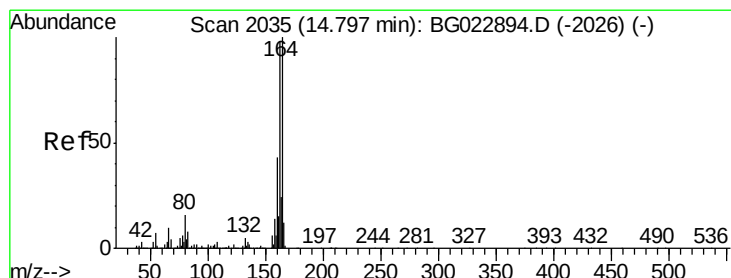
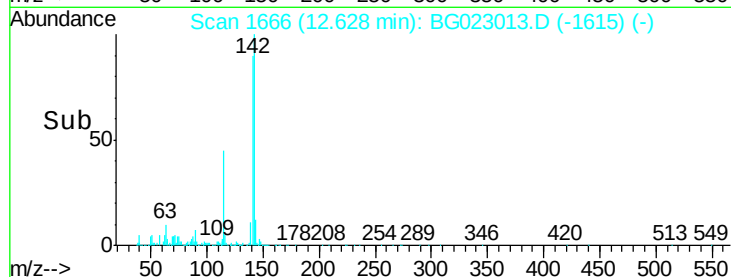
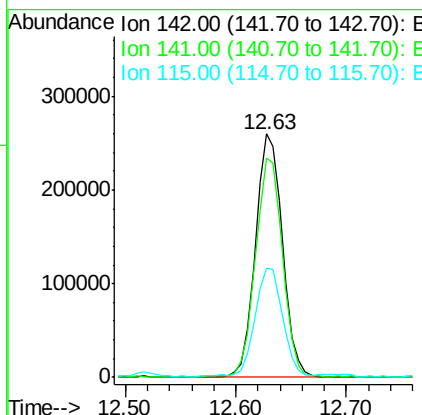
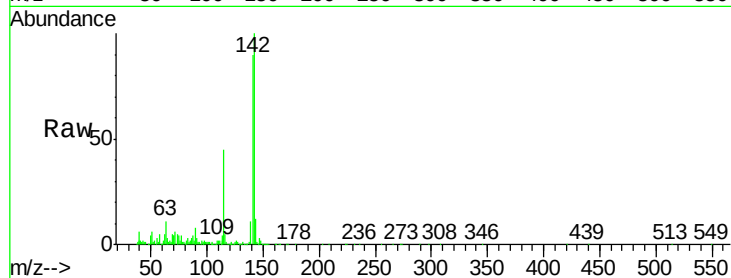




#37
2-Methylnaphthalene
Concen: 23.07 ng
RT: 12.63 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

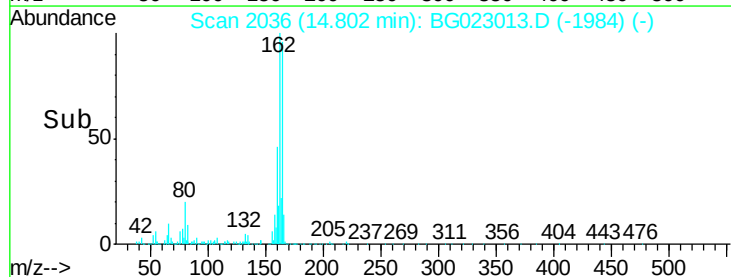
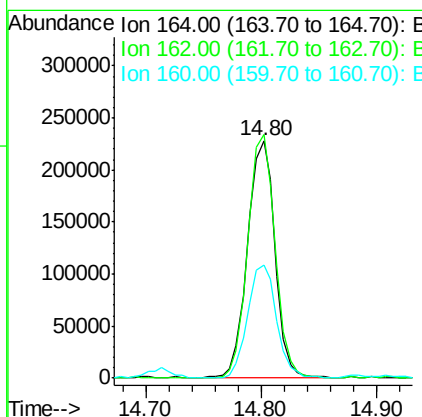
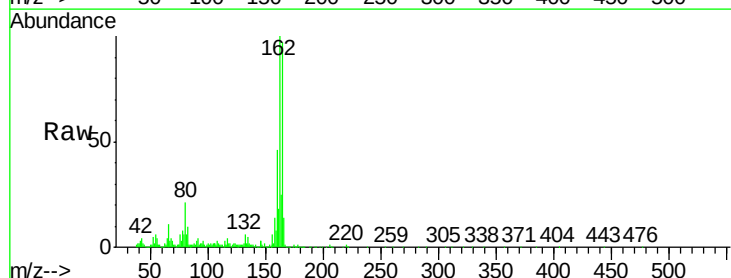
Instrument :
BNA_G
ClientSampleId :
S22-0005

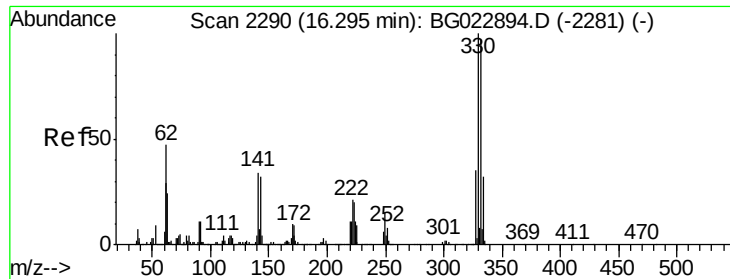
Tot Ion:142 Resp: 446280
Ion Ratio Lower Upper
142 100
141 89.9 70.2 105.2
115 44.9 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Tgt Ion:164 Resp: 377779
Ion Ratio Lower Upper
164 100
162 102.6 87.7 131.5
160 47.5 37.2 55.8

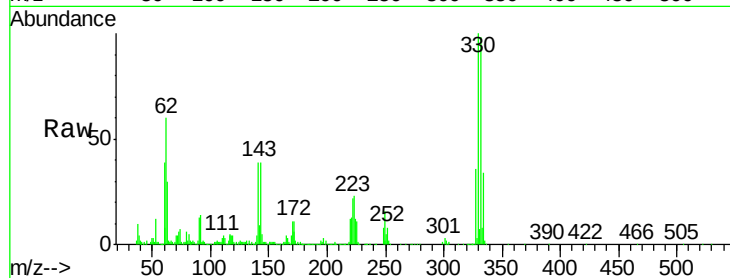




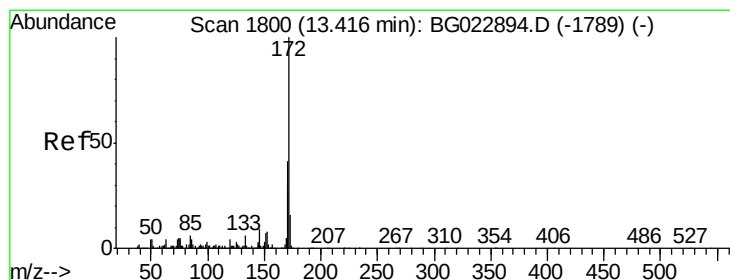
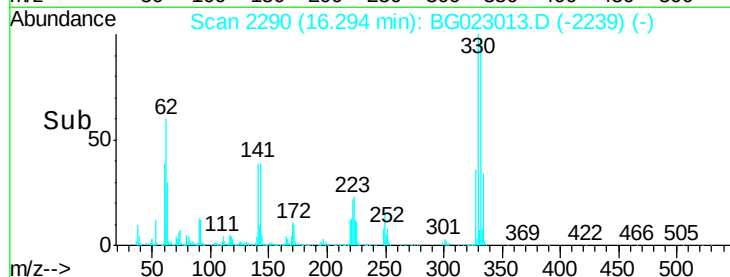
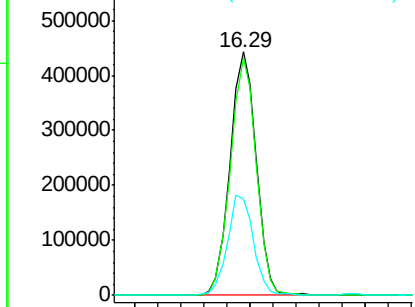
#41
 2,4,6-Tribromophenol
 Concen: 102.66 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023013.D
 Acq: 11 Jul 2016 23:18

Instrument :
 BNA_G
 ClientSampled :
 S22-0005

Tot Ion:330 Resp: 697006
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 40.2 31.7 47.5

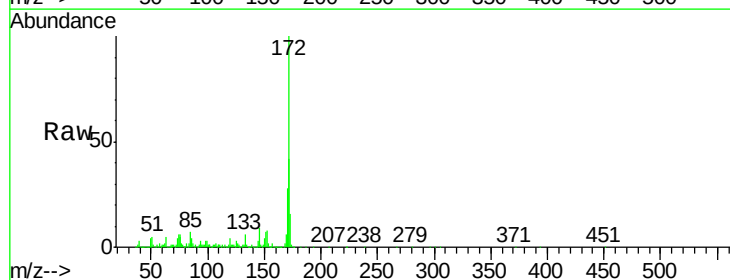


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

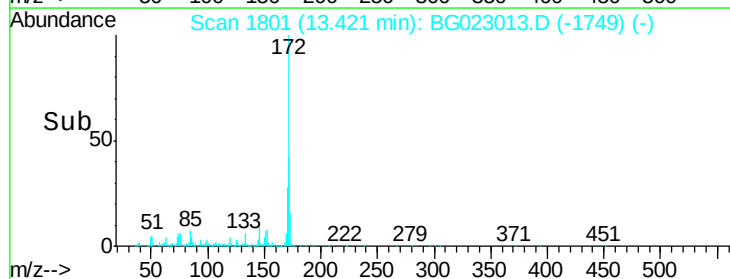
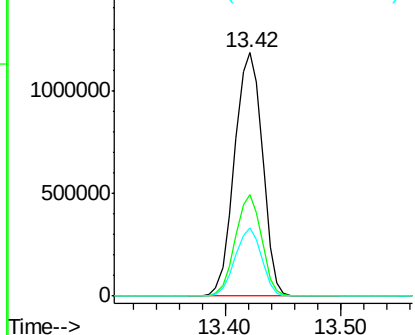


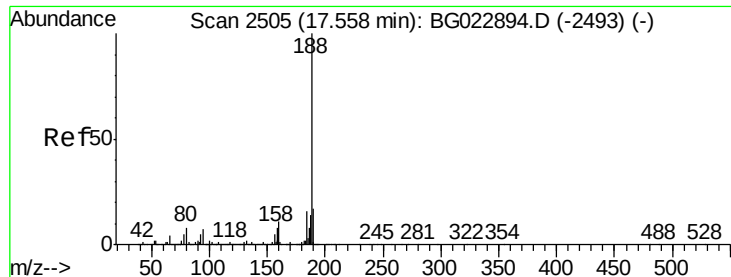
#44
 2-Fluorobiphenyl
 Concen: 82.50 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG023013.D
 Acq: 11 Jul 2016 23:18

Tgt Ion:172 Resp: 1978764
 Ion Ratio Lower Upper
 172 100
 171 41.7 31.6 47.4
 170 27.8 21.3 31.9



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

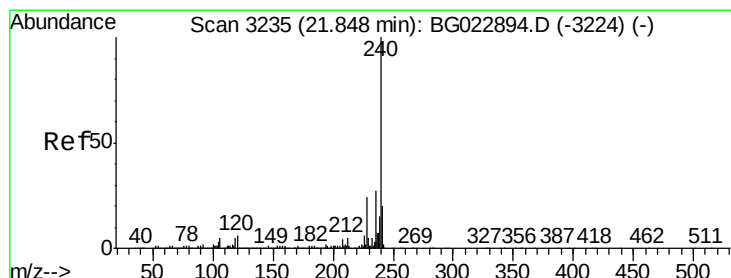
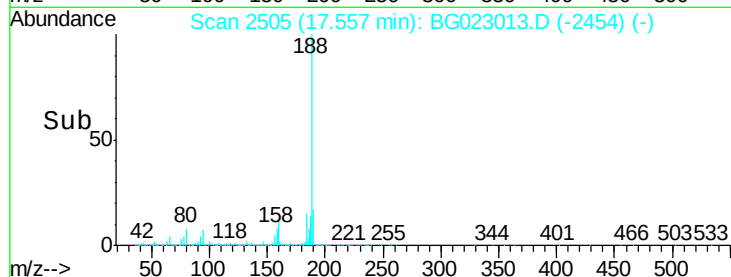
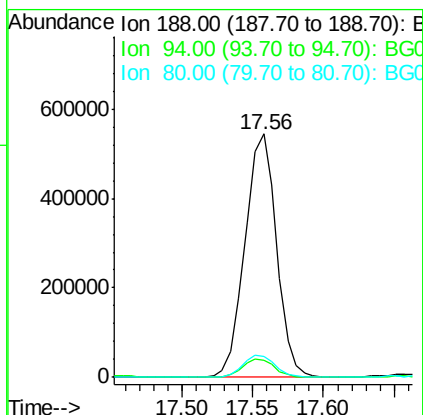
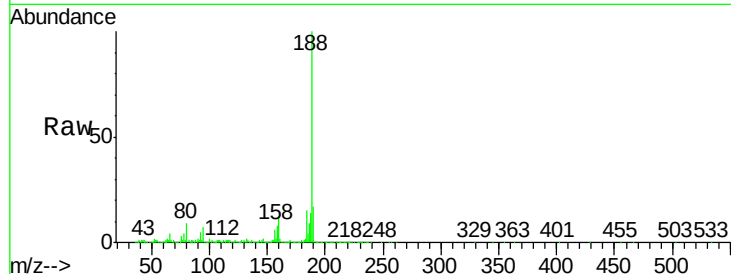




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

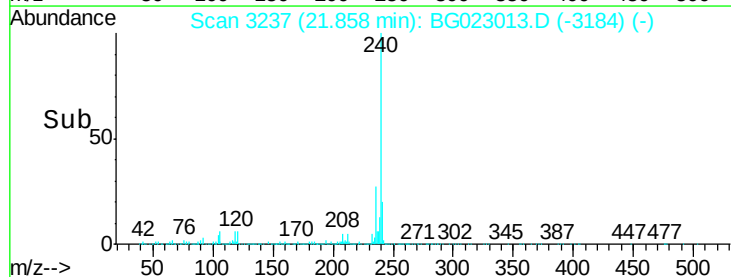
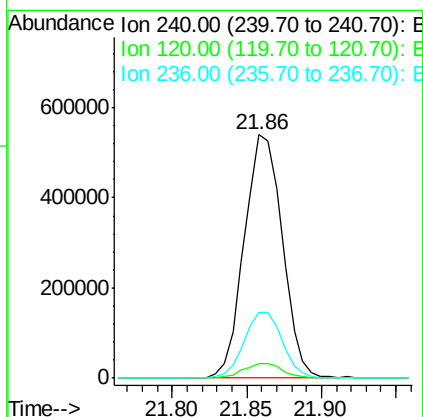
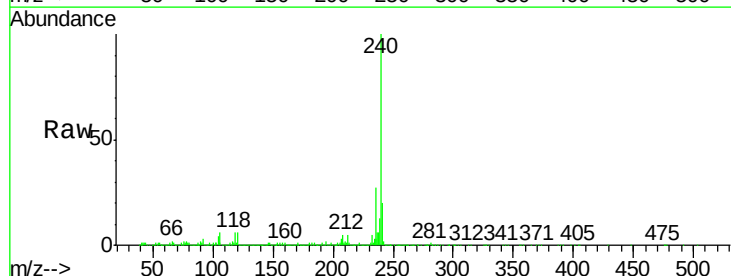
Instrument :
BNA_G
ClientSampleId :
S22-0005

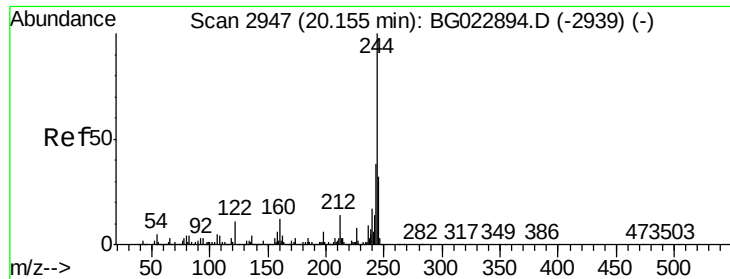
Tot Ion:188 Resp: 856075
Ion Ratio Lower Upper
188 100
94 6.9 5.2 7.8
80 8.5 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3237
Delta R.T. 0.01 min
Lab File: BG023013.D
Acq: 11 Jul 2016 23:18

Tgt Ion:240 Resp: 945933
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 26.8 21.1 31.7





#78

Terphenyl-d14

Concen: 97.77 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG023013.D

Acq: 11 Jul 2016 23:18

Instrument :

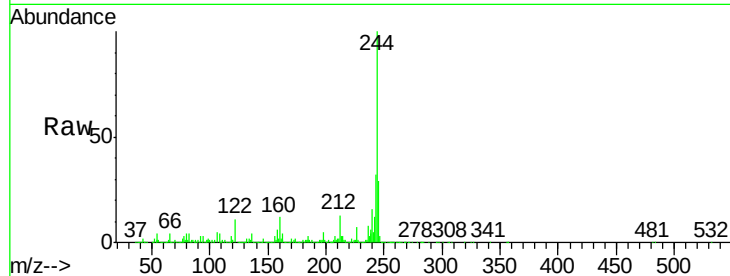
BNA_G

ClientSampleId :

S22-0005

Tot Ion:244 Resp: 2754080

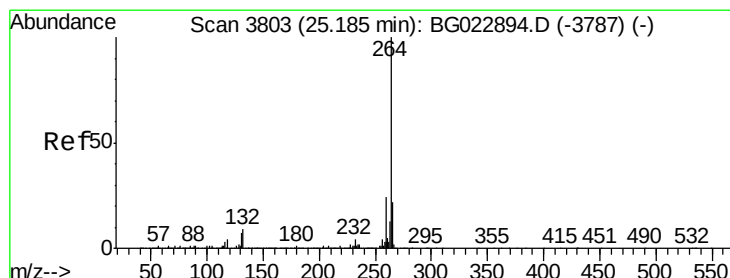
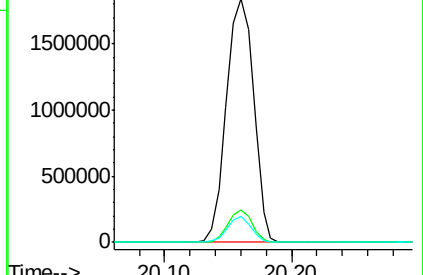
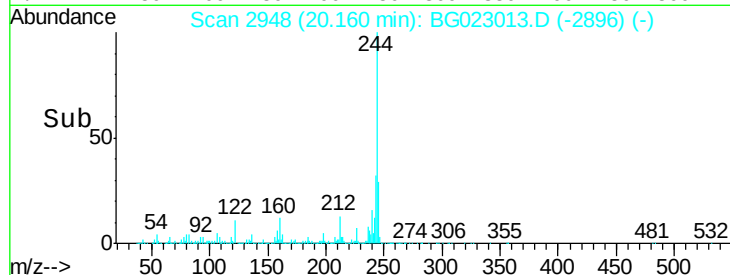
Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.8	16.2
122	10.9	8.0	12.0



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

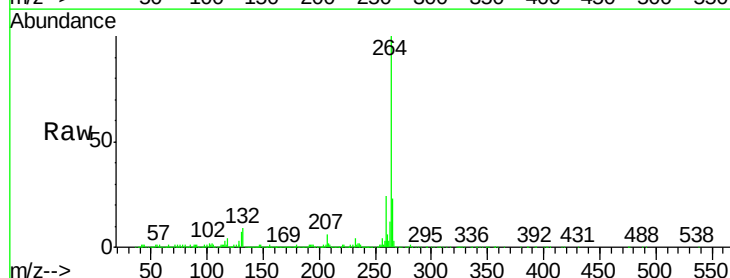
Delta R.T. 0.06 min

Lab File: BG023013.D

Acq: 11 Jul 2016 23:18

Tgt Ion:264 Resp: 977911

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	23.1	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

