

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
 Data File : BG026681.D
 Acq On : 20 Apr 2017 18:49
 Operator : SJ/MA
 Sample : I2774-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WETLANDSAND-PPC

Quant Time: Apr 21 04:45:01 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

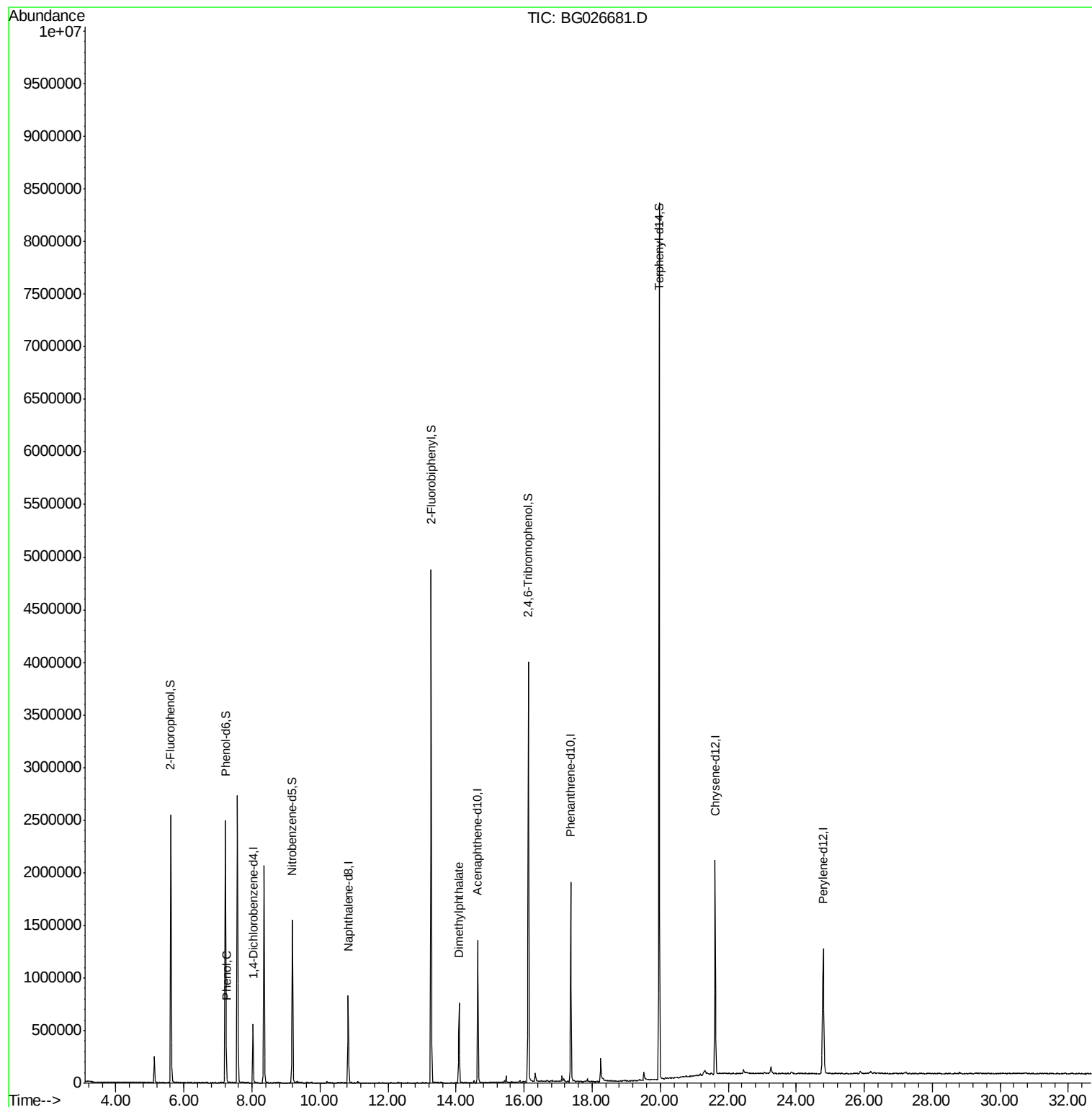
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	176069	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	781460	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	481757	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1209030	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1287264	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1269870	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1359993	140.42	ng	0.00
7) Phenol-d6	7.22	99	1852280	145.95	ng	0.01
23) Nitrobenzene-d5	9.19	82	951639	84.97	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	851076	126.78	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	2646435	81.81	ng	-0.02
78) Terphenyl-d14	19.97	244	3567162	81.81	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	35003	2.53	ng	75
49) Dimethylphthalate	14.09	163	567756	14.89	ng	98

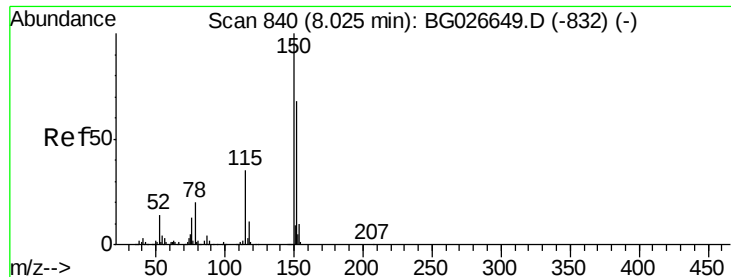
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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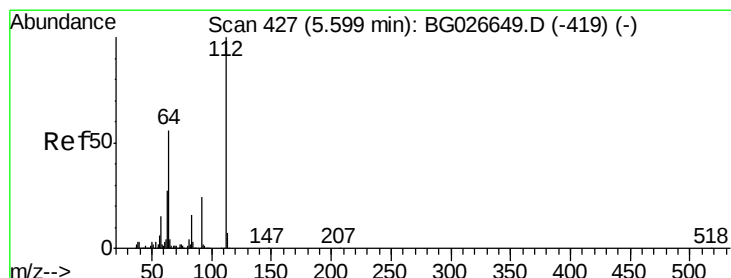
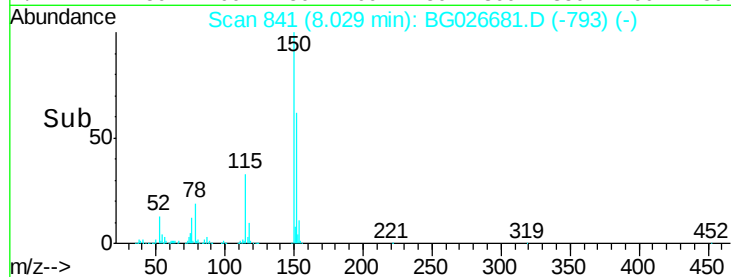
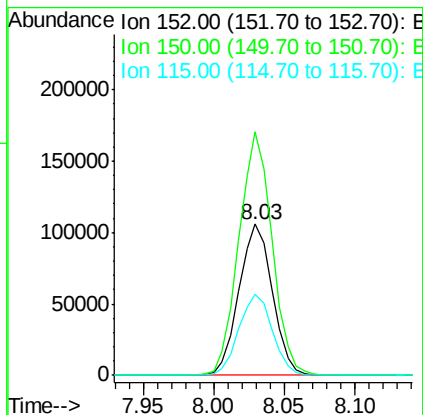
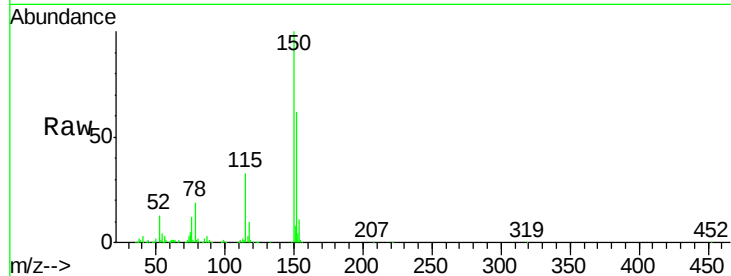


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026681.D
Acq: 20 Apr 2017 18:49

Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPC

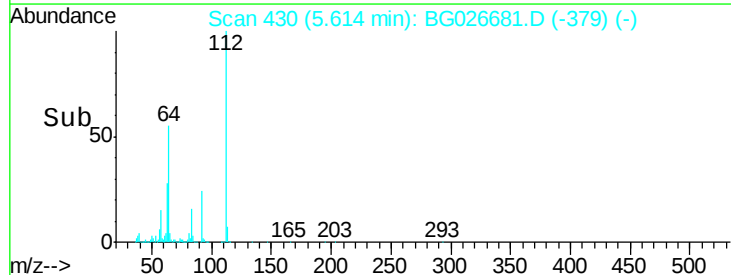
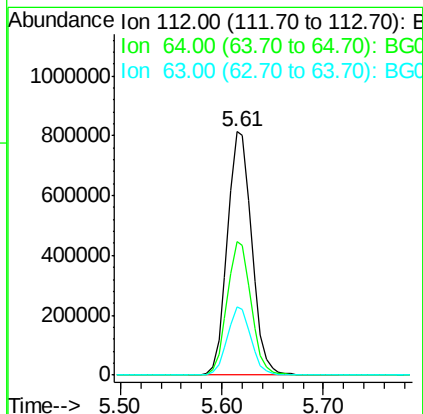
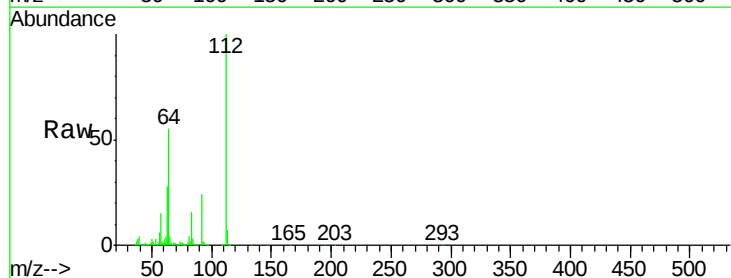
Tot Ion:152 Resp: 176069
Ion Ratio Lower Upper
152 100
150 161.2 114.0 171.0
115 53.5 48.1 72.1

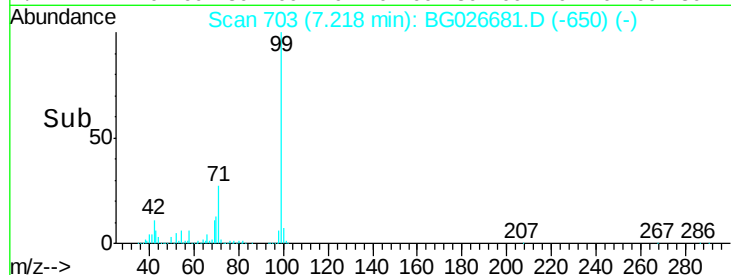
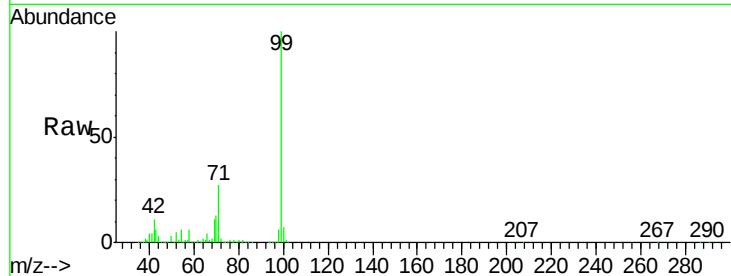
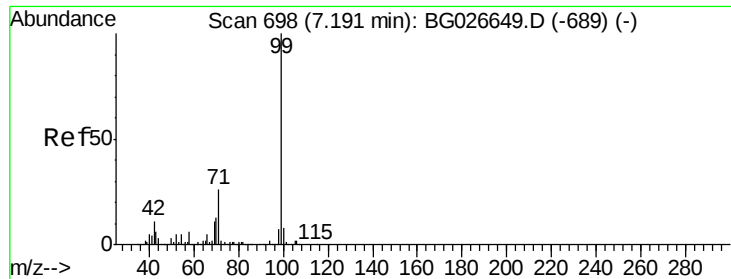


#5

2-Fluorophenol
Concen: 140.42 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026681.D
Acq: 20 Apr 2017 18:49

Tgt Ion:112 Resp: 1359993
Ion Ratio Lower Upper
112 100
64 54.7 61.8 92.6#
63 28.0 37.2 55.8#





#7

Phenol-d6

Concen: 145.95 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026681.D

Acq: 20 Apr 2017 18:49

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPC

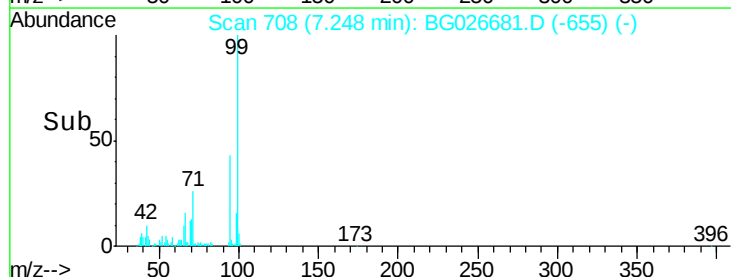
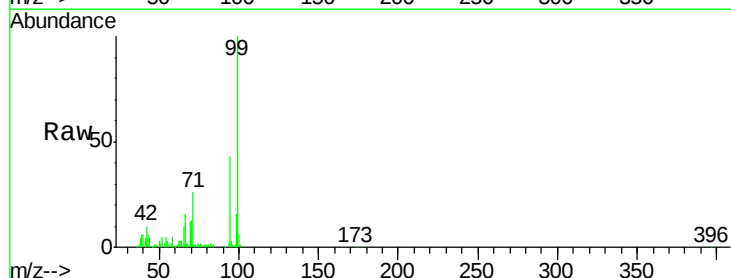
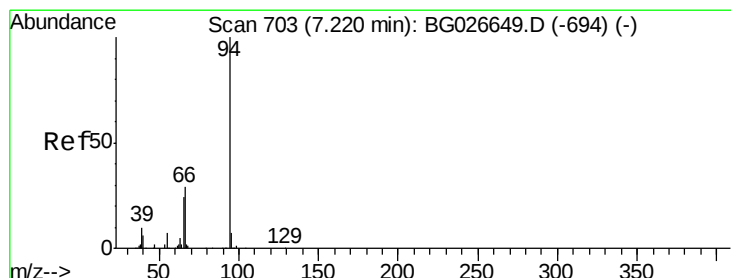
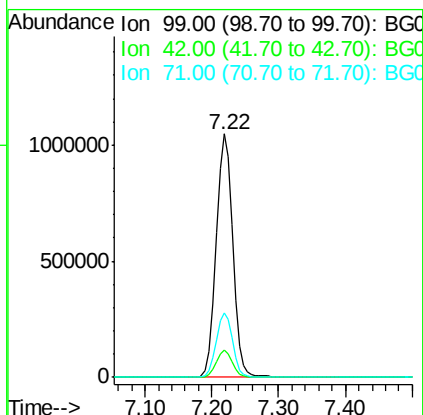
Tot Ion: 99 Resp: 1852280

Ion Ratio Lower Upper

99 100

42 11.2 20.5 30.7#

71 26.7 37.6 56.4#



#10

Phenol

Concen: 2.53 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG026681.D

Acq: 20 Apr 2017 18:49

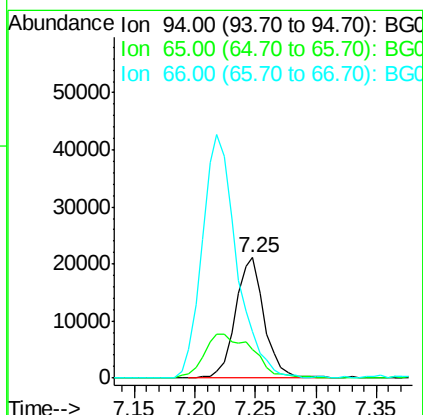
Tgt Ion: 94 Resp: 35003

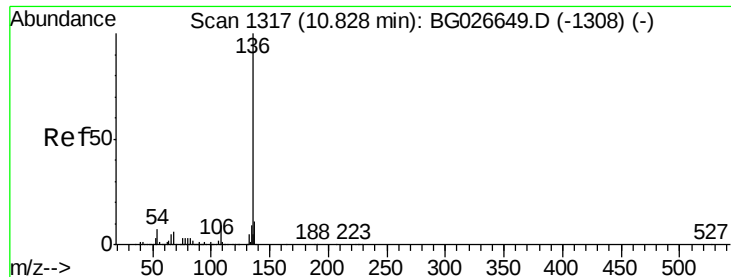
Ion Ratio Lower Upper

94 100

65 23.9 20.6 60.6

66 38.5 35.5 75.5

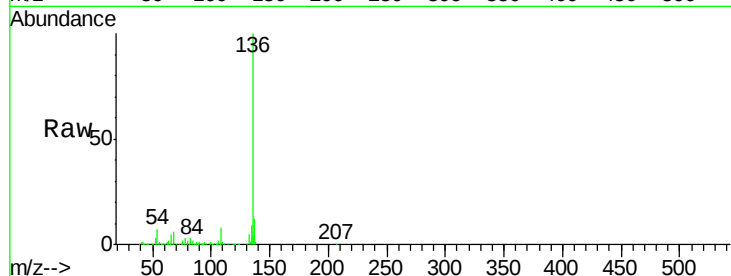




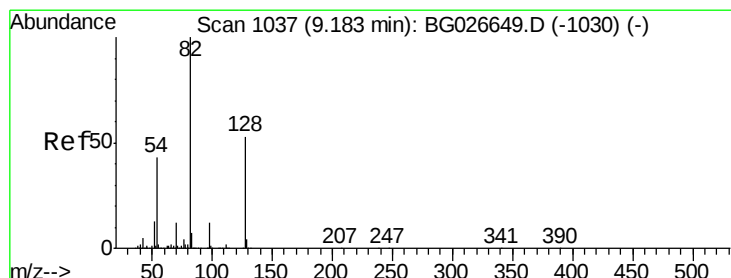
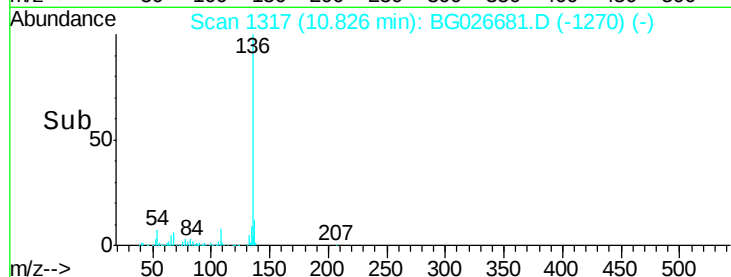
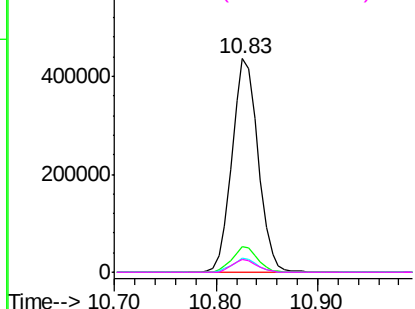
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG026681.D
Acq: 20 Apr 2017 18:49

Instrument :
BNA_G
ClientSampleId :
WETLANDSAND-PPC

Tot Ion:136	Resp:	781460
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.9 13.3
54	6.5	9.3 13.9#
68	5.9	5.1 7.7

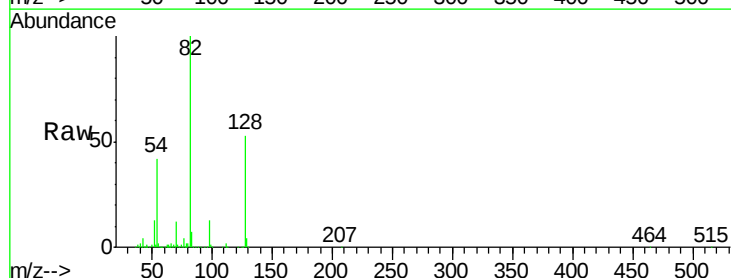


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

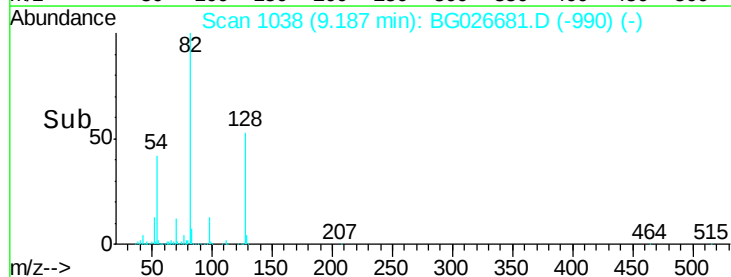
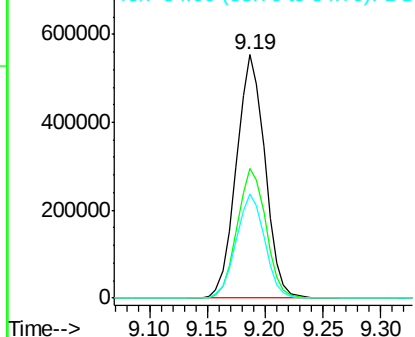


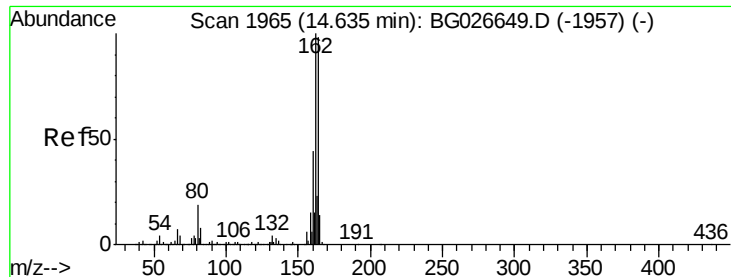
#23
Nitrobenzene-d5
Concen: 84.97 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG026681.D
Acq: 20 Apr 2017 18:49

Tgt Ion: 82	Resp:	951639
Ion Ratio	Lower	Upper
82	100	
128	53.1	26.4 39.6#
54	42.5	49.4 74.2#



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: 14.64 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BG026681.D

Acq: 20 Apr 2017 18:49

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPC

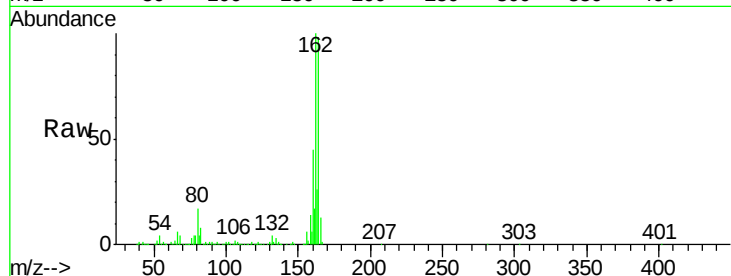
Tot Ion:164 Resp: 481757

Ion Ratio Lower Upper

164 100

162 101.9 85.1 127.7

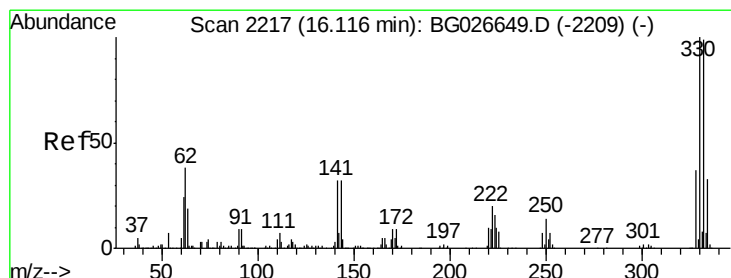
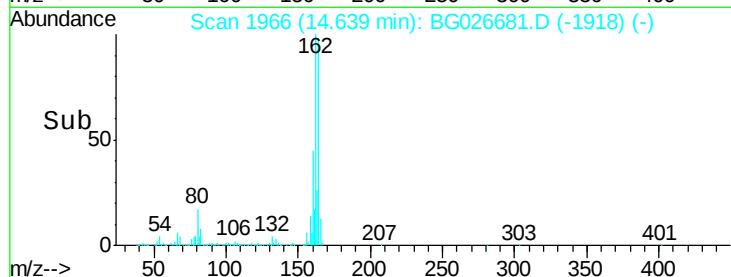
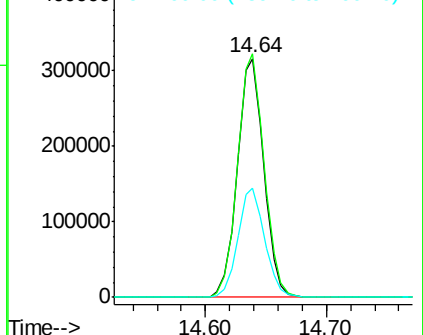
160 45.5 34.7 52.1



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: 126.78 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG026681.D

Acq: 20 Apr 2017 18:49

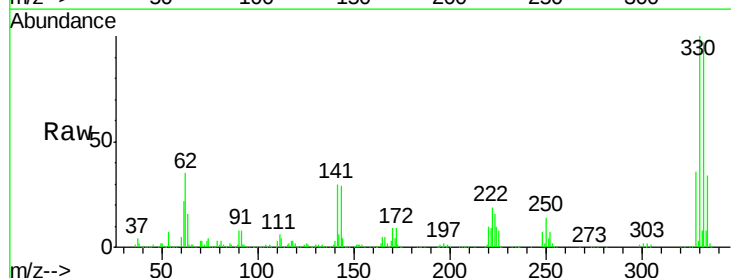
Tgt Ion:330 Resp: 851076

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

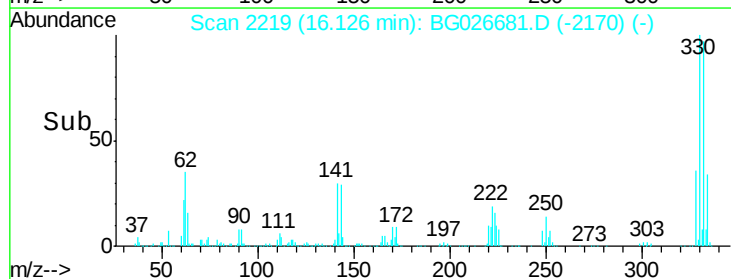
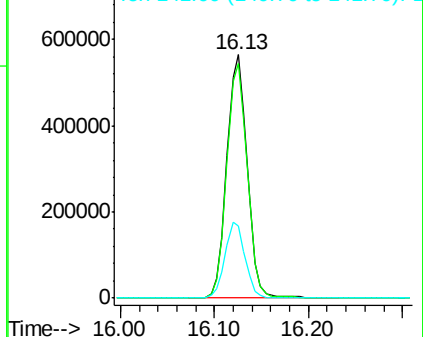
141 31.1 32.1 48.1#

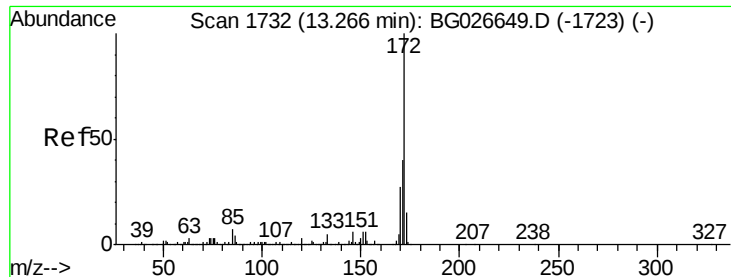


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

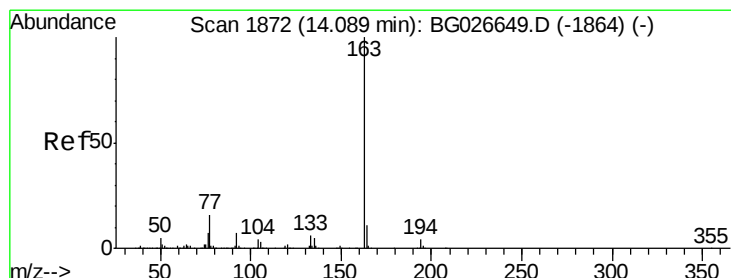
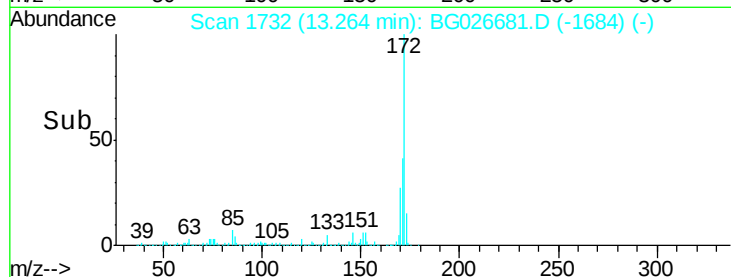
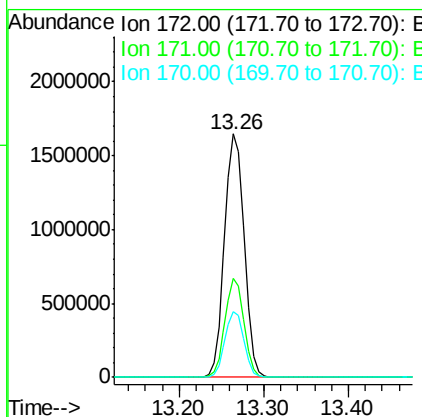
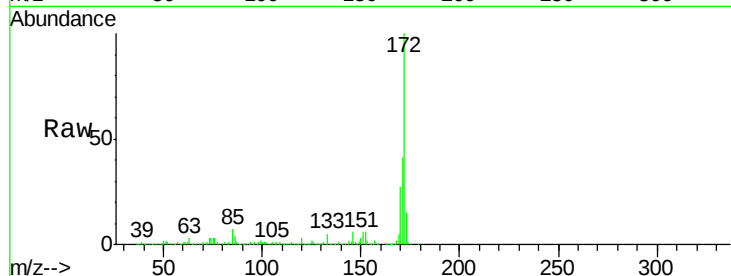




#44
2-Fluorobiphenyl
Concen: 81.81 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026681.D
Acq: 20 Apr 2017 18:49

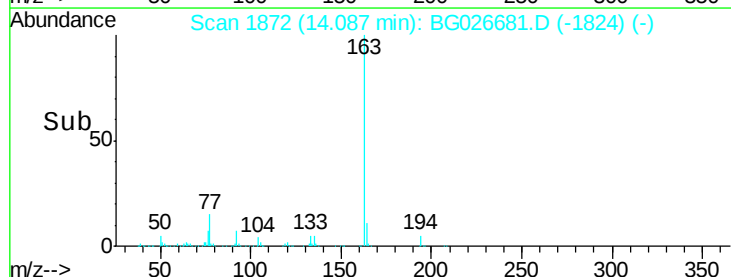
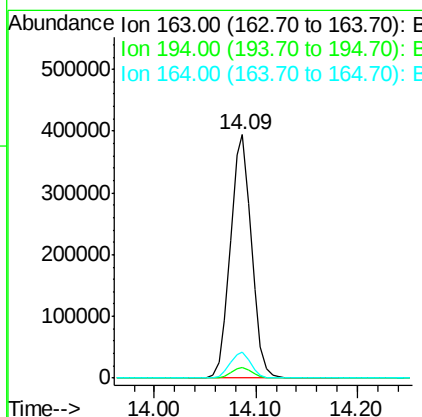
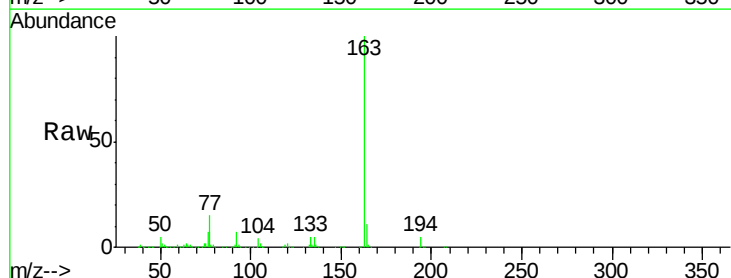
Instrument :
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WETLANDSAND-PPC

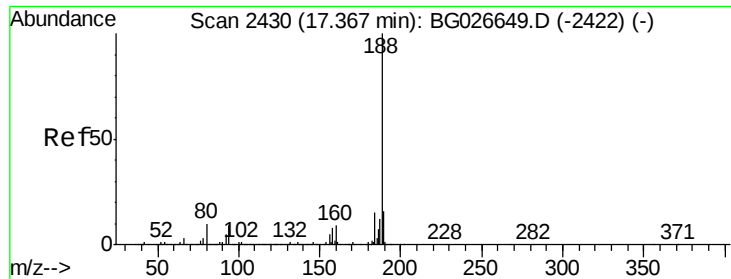
Tot Ion:172 Resp: 2646435
Ion Ratio Lower Upper
172 100
171 40.7 32.2 48.2
170 27.2 21.8 32.6



#49
Dimethylphthalate
Concen: 14.89 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BG026681.D
Acq: 20 Apr 2017 18:49

Tgt Ion:163 Resp: 567756
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 10.5 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026681.D

Acq: 20 Apr 2017 18:49

Instrument :

BNA_G

ClientSampleId :

WETLANDSAND-PPC

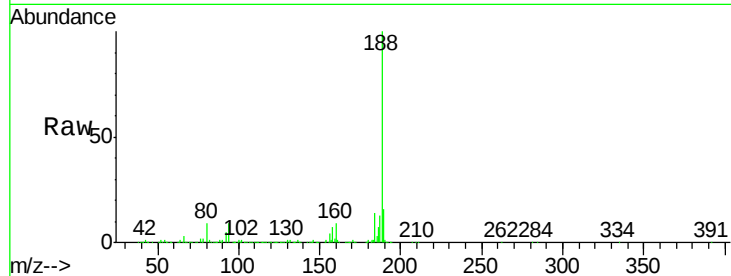
Tot Ion:188 Resp: 1209030

Ion Ratio Lower Upper

188 100

94 8.9 5.8 8.8#

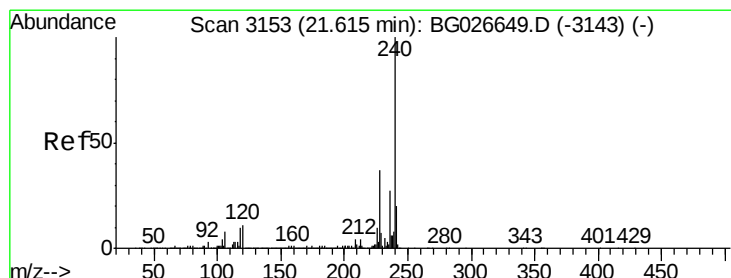
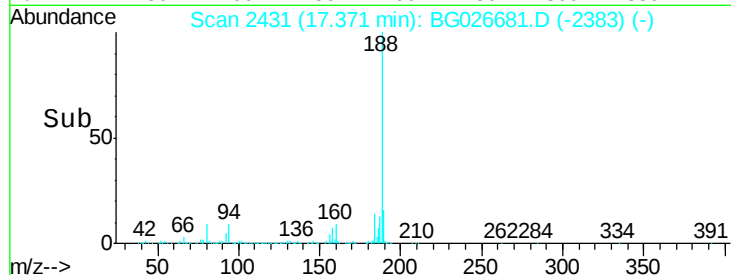
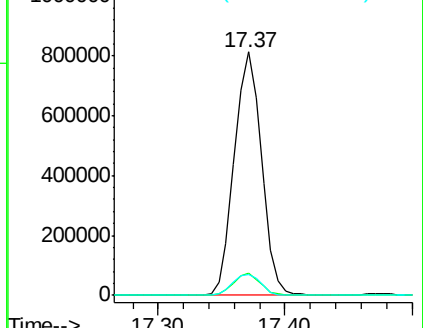
80 8.6 7.5 11.3



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: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026681.D

Acq: 20 Apr 2017 18:49

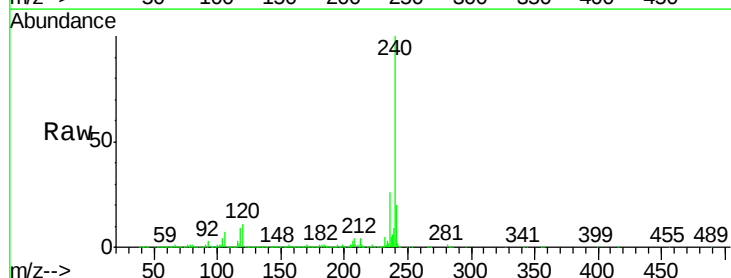
Tgt Ion:240 Resp: 1287264

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

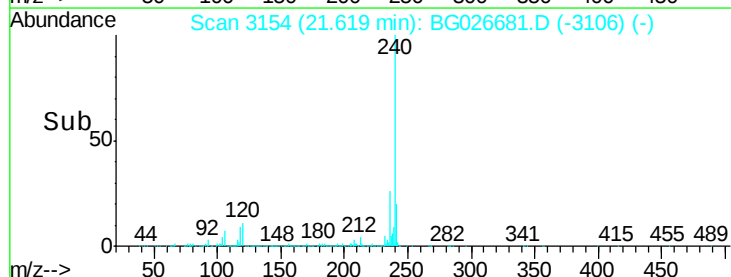
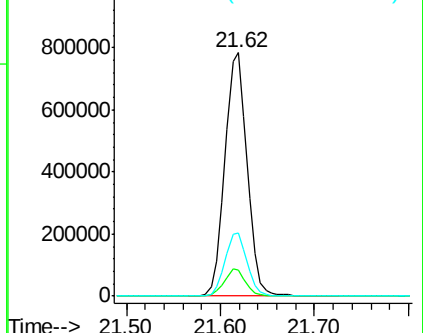
236 26.0 22.2 33.4

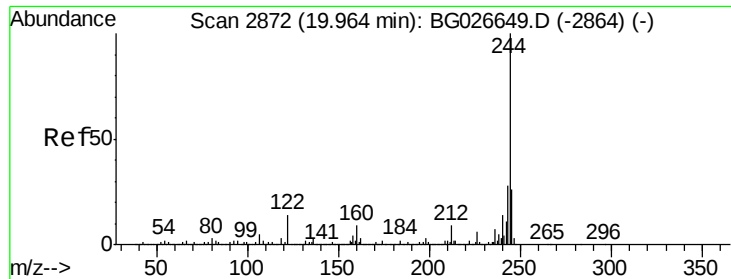


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.81 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026681.D

Acq: 20 Apr 2017 18:49

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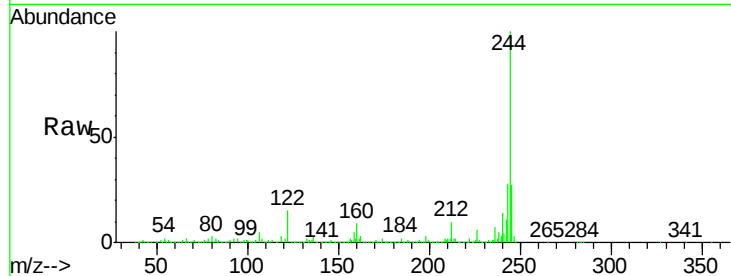
Tot Ion:244 Resp: 3567162

Ion Ratio Lower Upper

244 100

212 9.6 10.0 15.0#

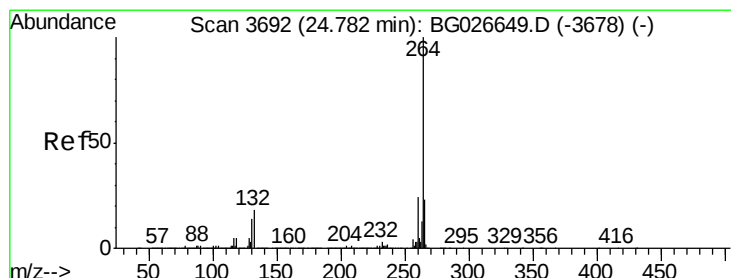
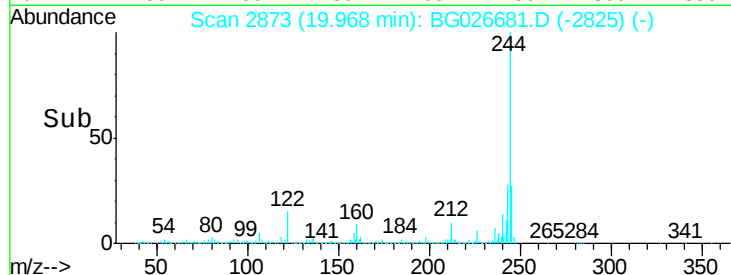
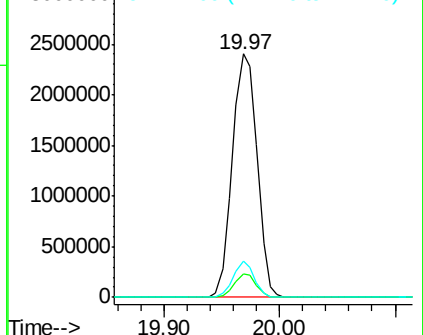
122 14.8 8.6 12.8#



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: 24.79 min Scan# 3694

Delta R.T. -0.03 min

Lab File: BG026681.D

Acq: 20 Apr 2017 18:49

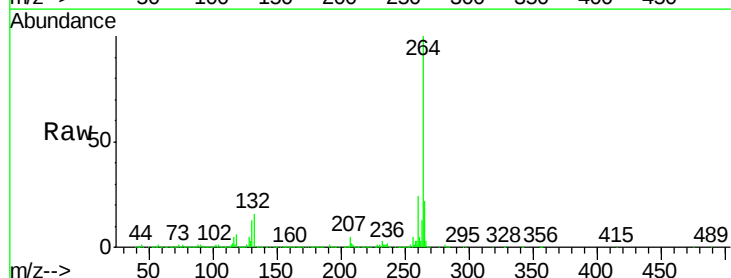
Tgt Ion:264 Resp: 1269870

Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 21.9 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

