

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027261.D
 Acq On : 6 Jun 2017 22:47
 Operator : SJ/MA
 Sample : I3440-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 07 05:18:31 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

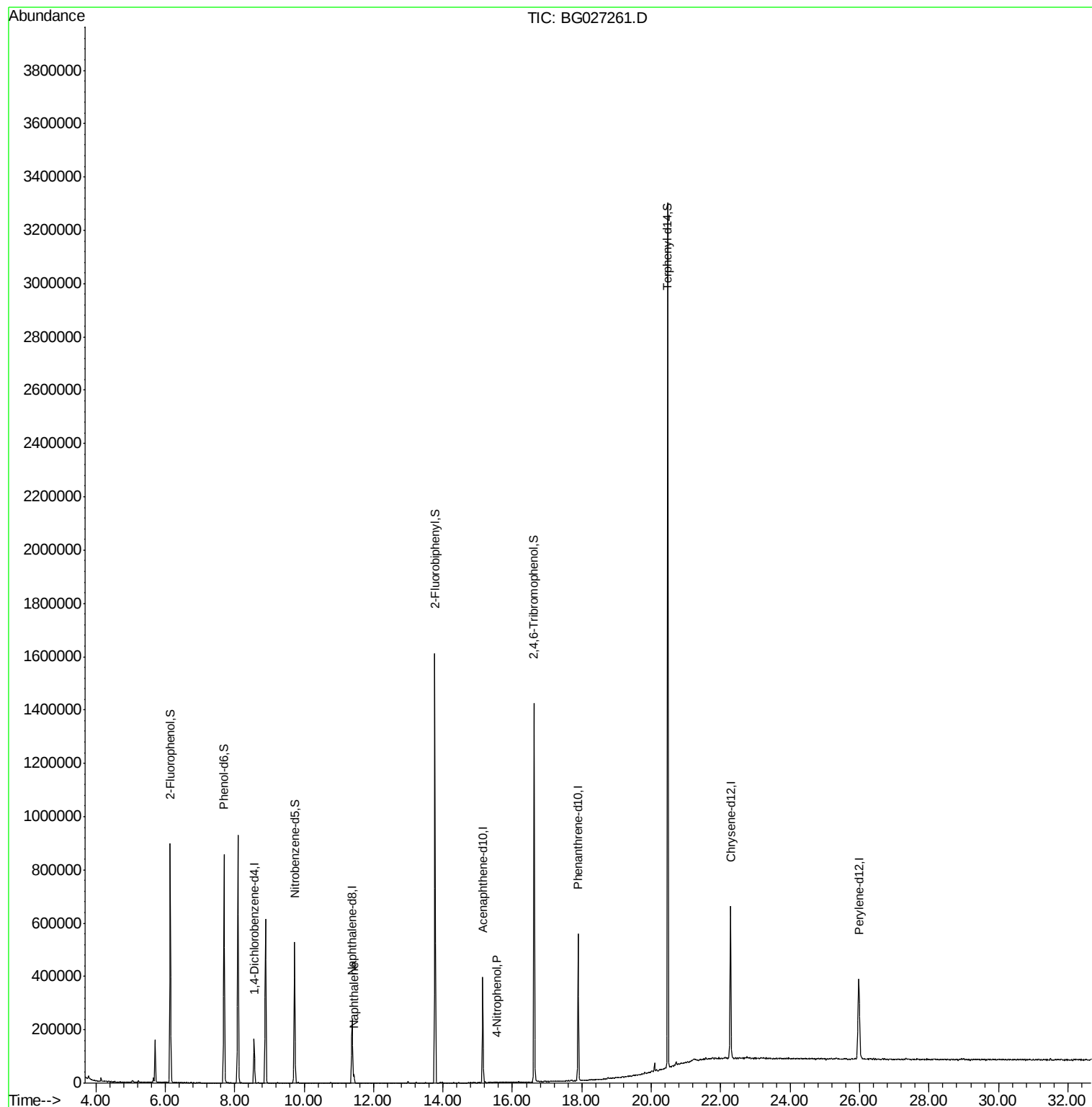
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	48317	20.00	ng	-0.01
21) Naphthalene-d8	11.38	136	218264	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	140116	20.00	ng	-0.01
63) Phenanthrene-d10	17.89	188	354161	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	403952	20.00	ng	-0.03
86) Perylene-d12	25.98	264	376280	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	439552	138.82	ng	0.00
7) Phenol-d6	7.70	99	565060	121.58	ng	0.00
23) Nitrobenzene-d5	9.73	82	350698	101.05	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	284123	153.99	ng	-0.01
44) 2-Fluorobiphenyl	13.77	172	889512	88.81	ng	-0.02
78) Terphenyl-d14	20.47	244	1502221	94.87	ng	-0.02
Target Compounds						
31) Naphthalene	11.43	128	32514	2.73	ng	Qvalue 97
55) 4-Nitrophenol	15.54	139	775	6.47	ng	# 1

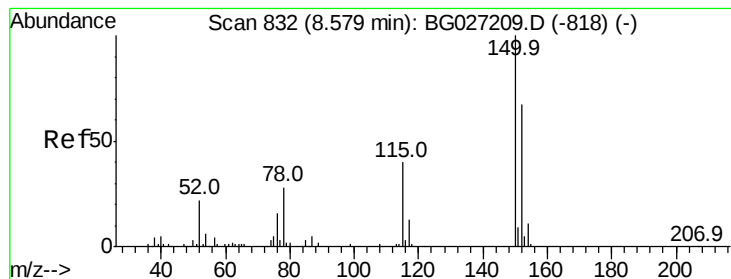
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG027261.D

Acq: 6 Jun 2017 22:47

Instrument :

BNA_G

ClientSampleId :

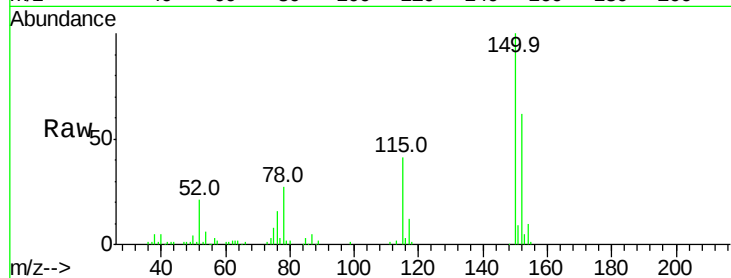
Tot Ion:152 Resp: 48317

Ion Ratio Lower Upper

152 100

150 162.1 114.0 171.0

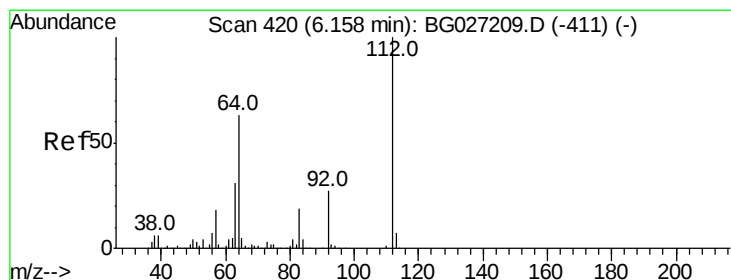
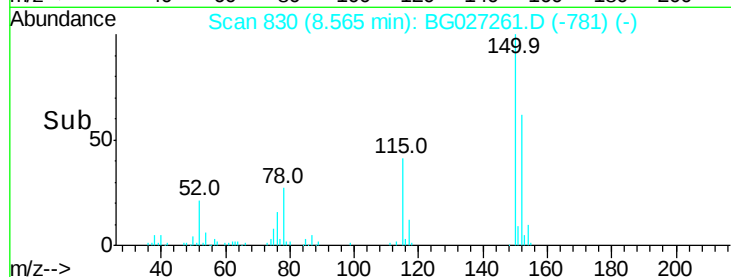
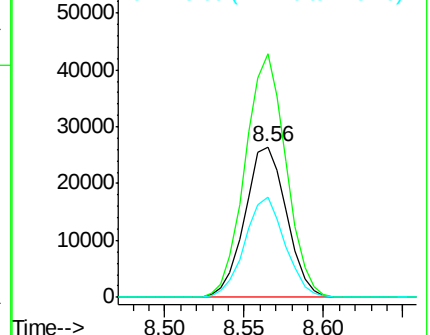
115 67.0 48.1 72.1



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: 138.82 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027261.D

Acq: 6 Jun 2017 22:47

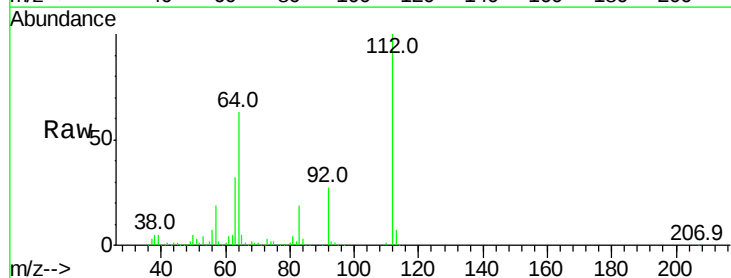
Tgt Ion:112 Resp: 439552

Ion Ratio Lower Upper

112 100

64 62.9 61.8 92.6

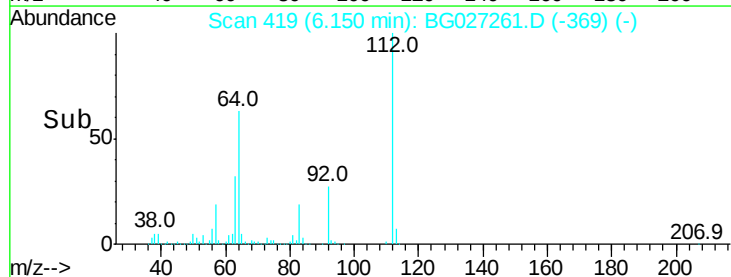
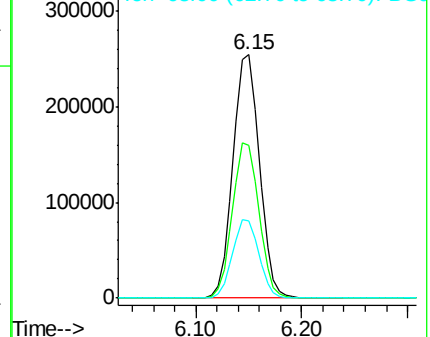
63 31.9 37.2 55.8#

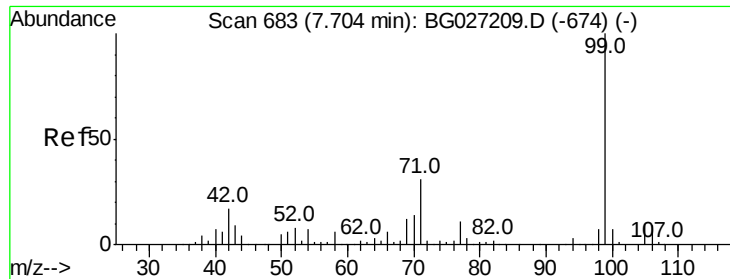


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.58 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027261.D

Acq: 6 Jun 2017 22:47

Instrument :

BNA_G

ClientSampleId :

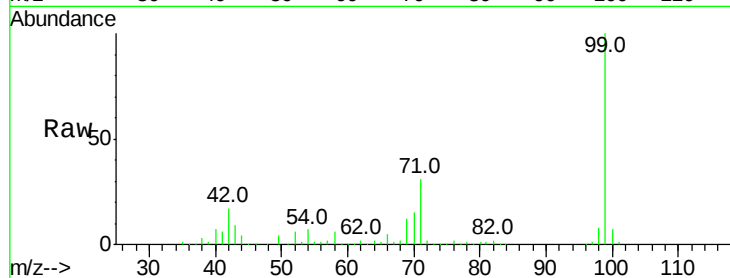
Tot Ion: 99 Resp: 565060

Ion Ratio Lower Upper

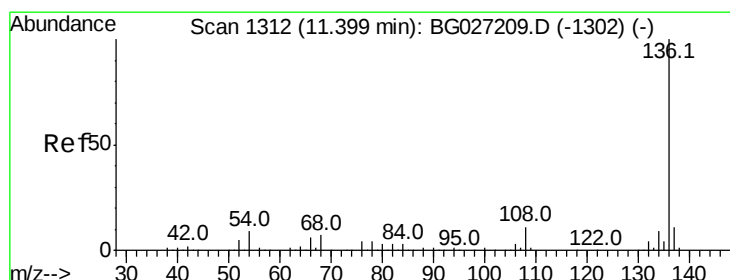
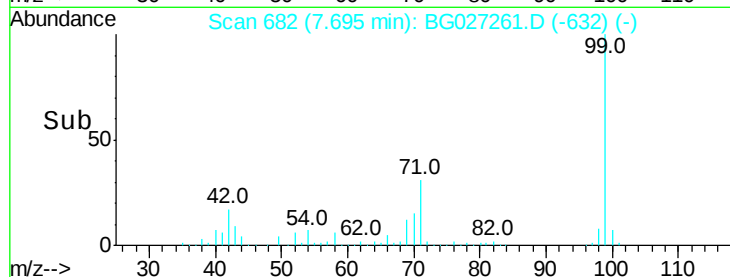
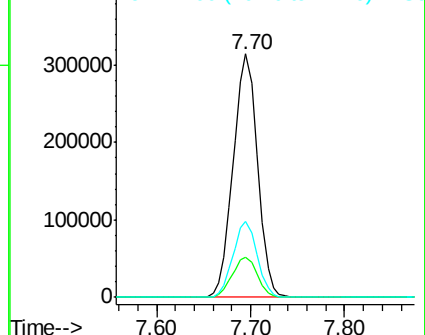
99 100

42 16.5 20.5 30.7#

71 31.4 37.6 56.4#



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: 11.38 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG027261.D

Acq: 6 Jun 2017 22:47

Tgt Ion: 136 Resp: 218264

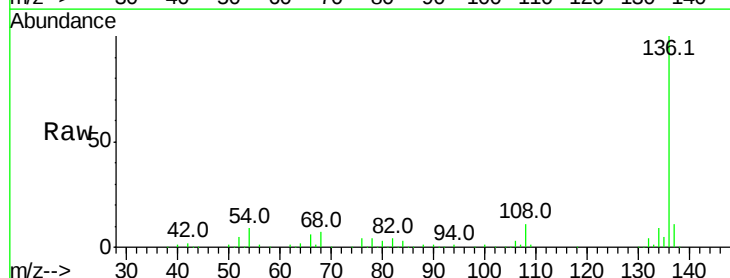
Ion Ratio Lower Upper

136 100

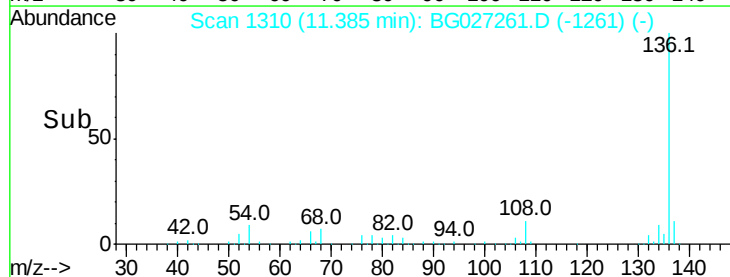
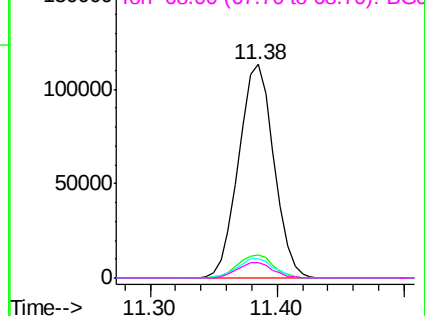
137 11.1 8.9 13.3

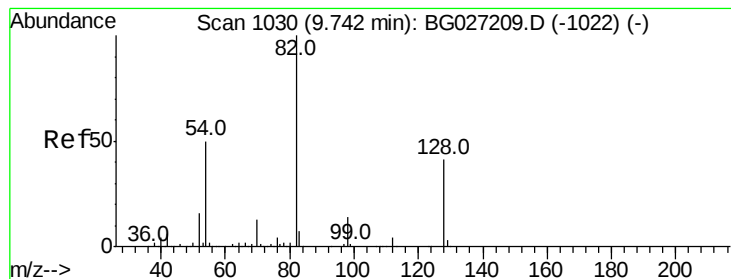
54 8.9 9.3 13.9#

68 7.2 5.1 7.7



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: 101.05 ng

RT: 9.73 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BG027261.D

Acq: 6 Jun 2017 22:47

Instrument :

BNA_G

ClientSampleId :

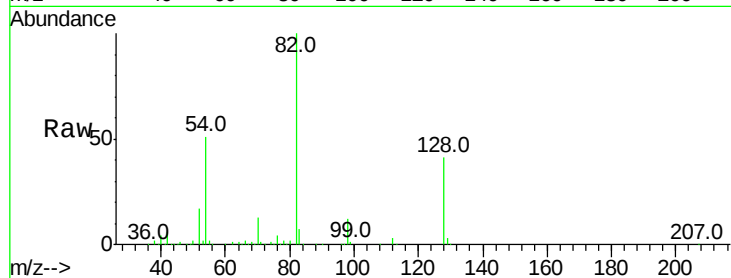
Tot Ion: 82 Resp: 350698

Ion Ratio Lower Upper

82 100

128 41.0 26.4 39.6#

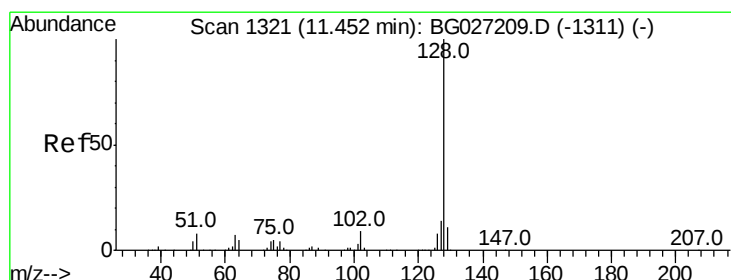
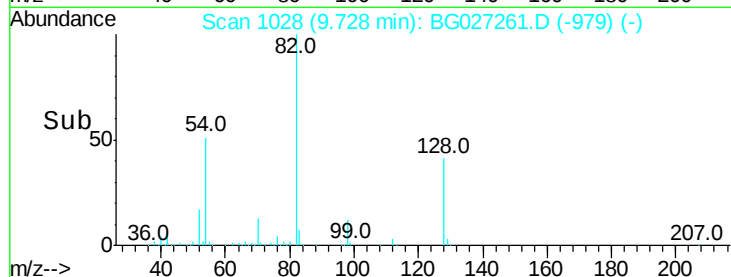
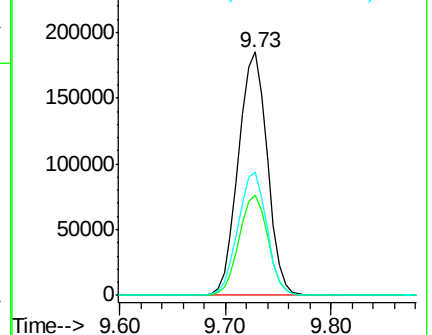
54 50.5 49.4 74.2



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: 2.73 ng

RT: 11.43 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG027261.D

Acq: 6 Jun 2017 22:47

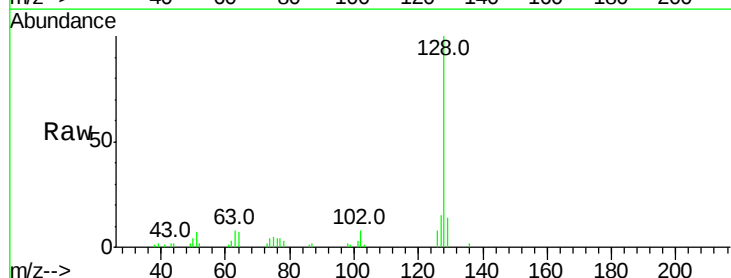
Tgt Ion: 128 Resp: 32514

Ion Ratio Lower Upper

128 100

129 13.9 9.3 13.9

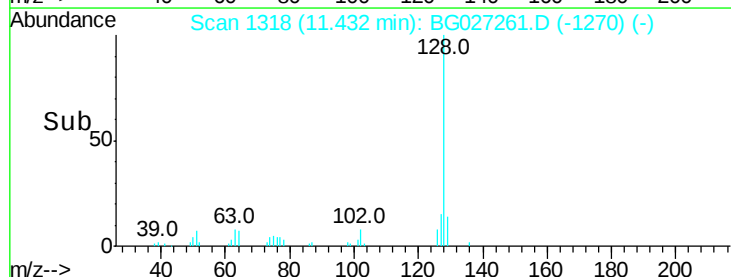
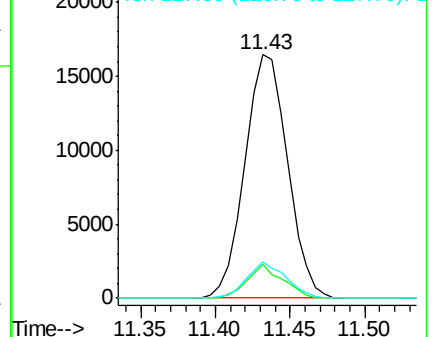
127 14.6 11.4 17.0

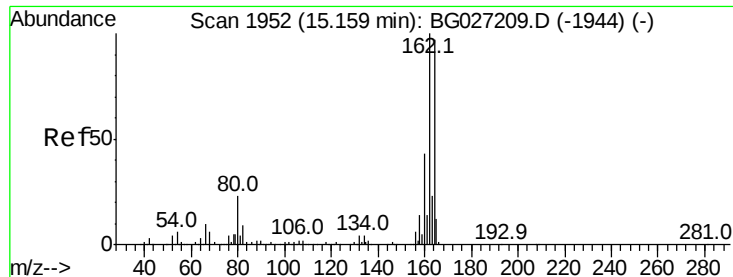


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.15 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG027261.D

Acq: 6 Jun 2017 22:47

Instrument :

BNA_G

ClientSampleId :

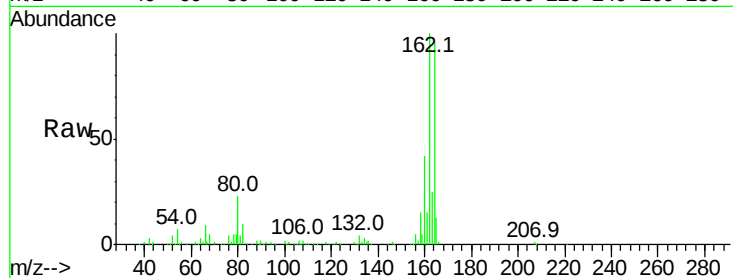
Tot Ion:164 Resp: 140116

Ion Ratio Lower Upper

164 100

162 103.8 85.1 127.7

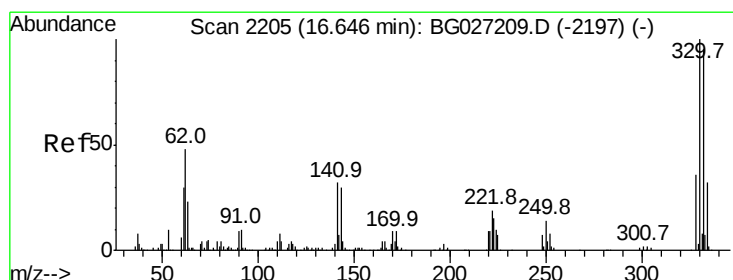
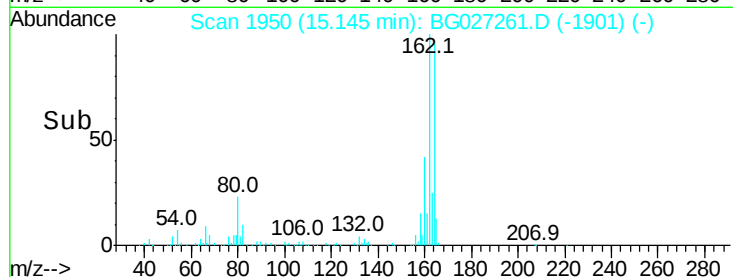
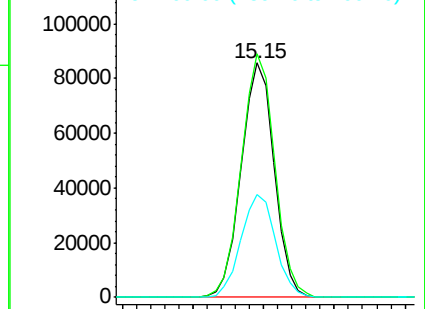
160 43.9 34.7 52.1



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: 153.99 ng

RT: 16.63 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG027261.D

Acq: 6 Jun 2017 22:47

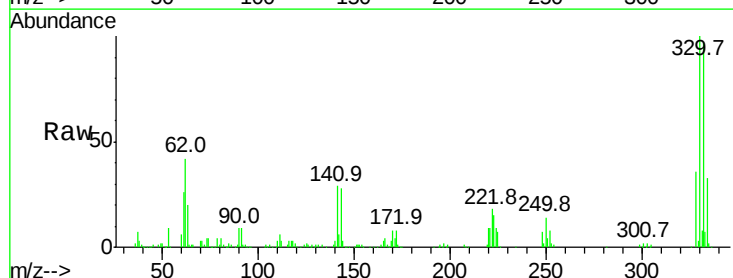
Tgt Ion:330 Resp: 284123

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

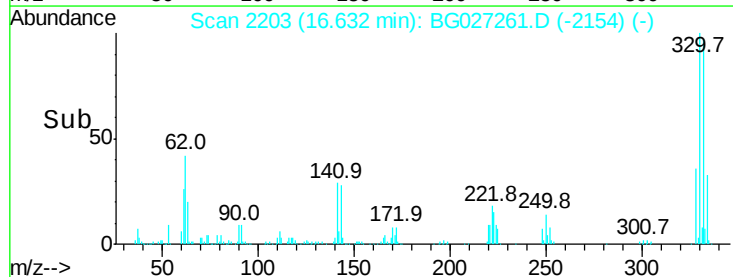
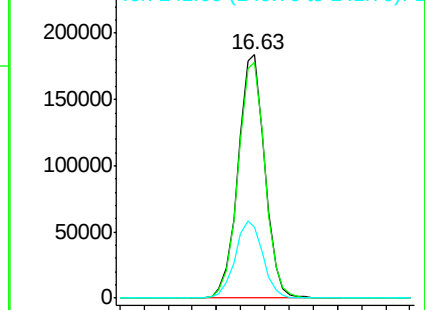
141 33.0 32.1 48.1



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

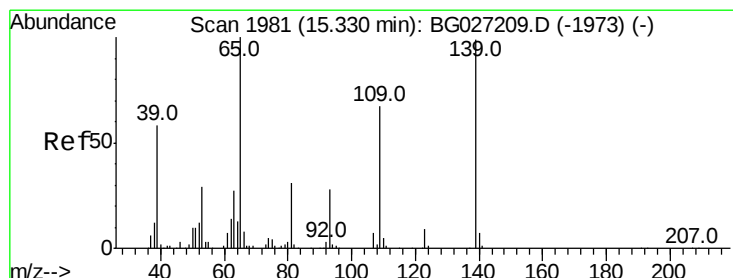
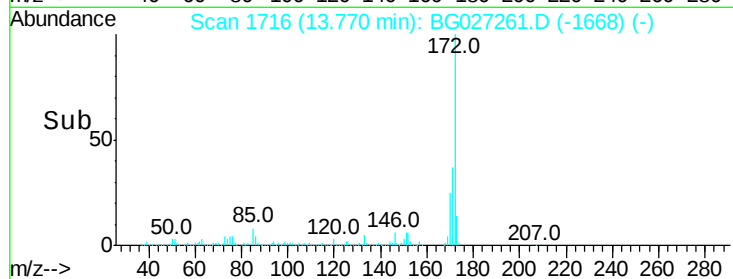
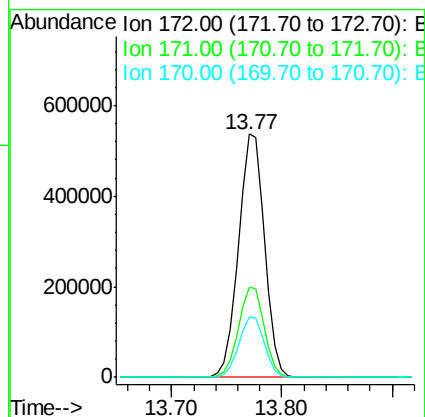
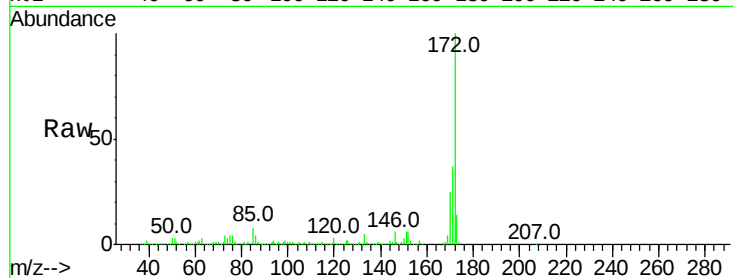




#44
2-Fluorobiphenyl
Concen: 88.81 ng
RT: 13.77 min Scan# 1716
Delta R.T. -0.02 min
Lab File: BG027261.D
Acq: 6 Jun 2017 22:47

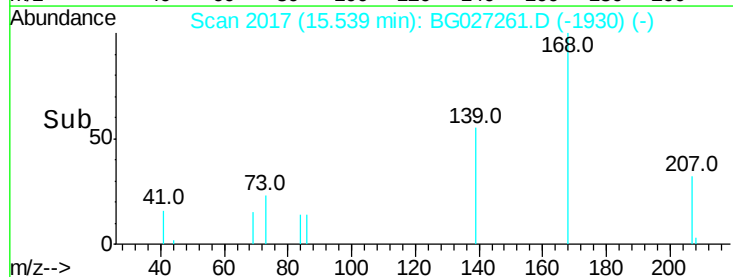
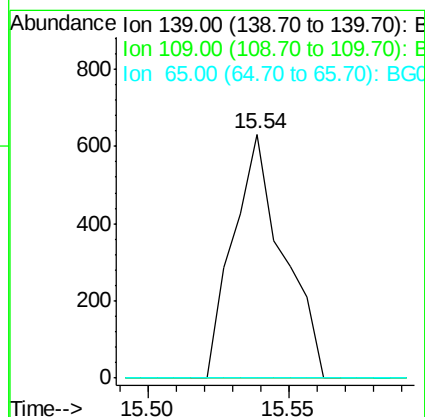
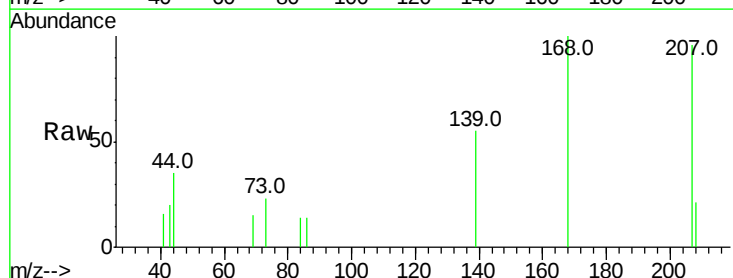
Instrument :
BNA_G
ClientSampleId :

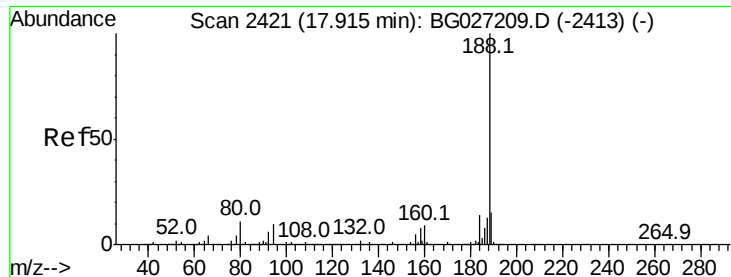
Tot Ion:172 Resp: 889512
Ion Ratio Lower Upper
172 100
171 37.0 32.2 48.2
170 24.6 21.8 32.6



#55
4-Nitrophenol
Concen: 6.47 ng
RT: 15.54 min Scan# 2017
Delta R.T. 0.21 min
Lab File: BG027261.D
Acq: 6 Jun 2017 22:47

Tgt Ion:139 Resp: 775
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#

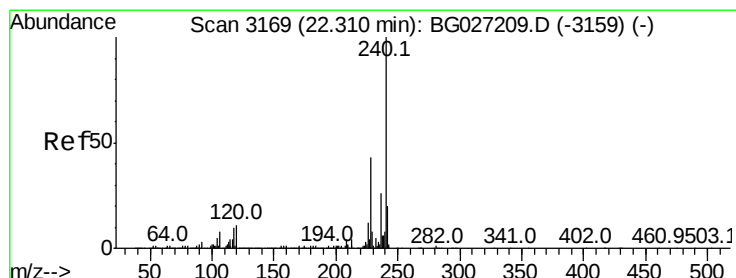
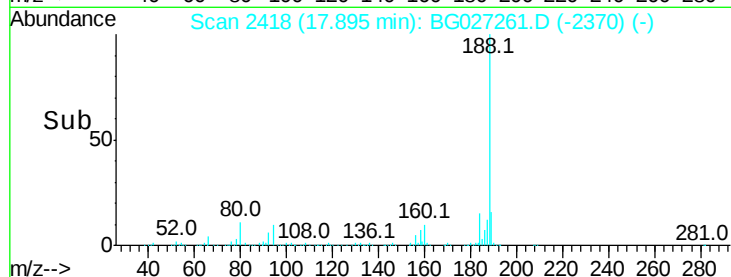
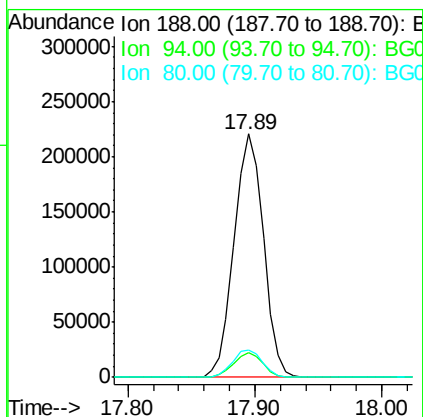
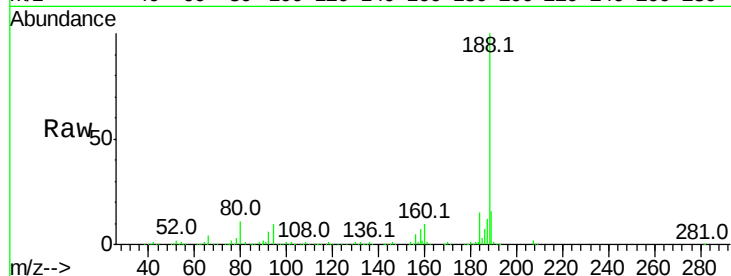




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027261.D
Acq: 6 Jun 2017 22:47

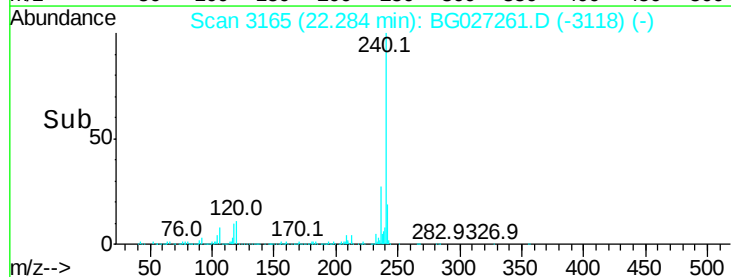
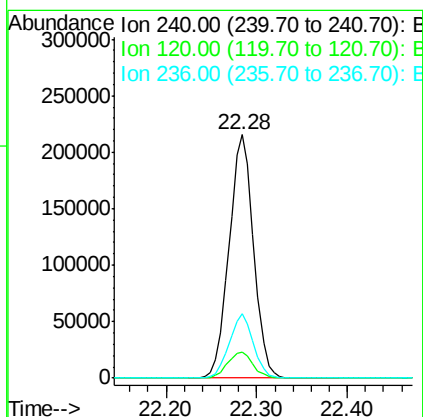
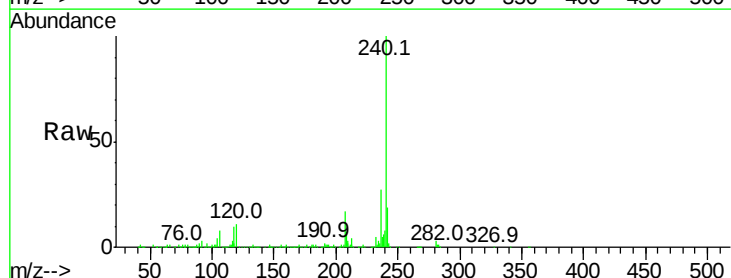
Instrument :
BNA_G
ClientSampleId :

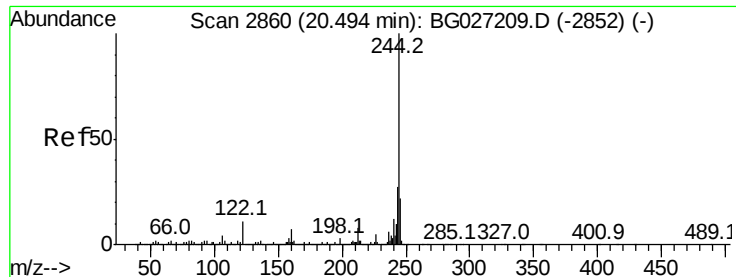
Tot Ion:188 Resp: 354161
Ion Ratio Lower Upper
188 100
94 9.9 5.8 8.8#
80 11.0 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.28 min Scan# 3165
Delta R.T. -0.03 min
Lab File: BG027261.D
Acq: 6 Jun 2017 22:47

Tgt Ion:240 Resp: 403952
Ion Ratio Lower Upper
240 100
120 10.6 5.7 8.5#
236 26.5 22.2 33.4





#78

Terphenyl-d14

Concen: 94.87 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027261.D

Acq: 6 Jun 2017 22:47

Instrument :

BNA_G

ClientSampleId :

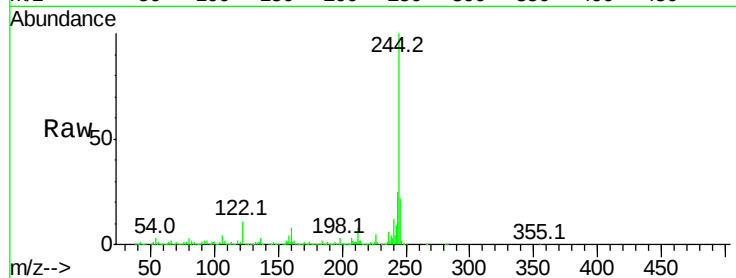
Tot Ion:244 Resp: 1502221

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

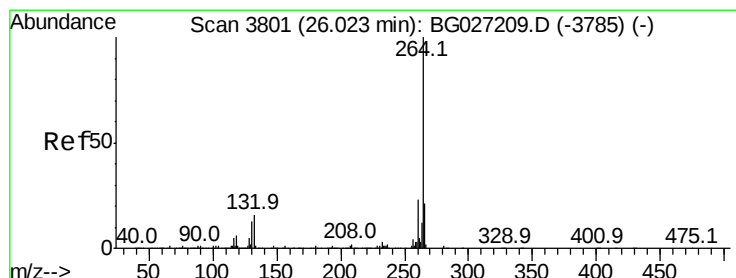
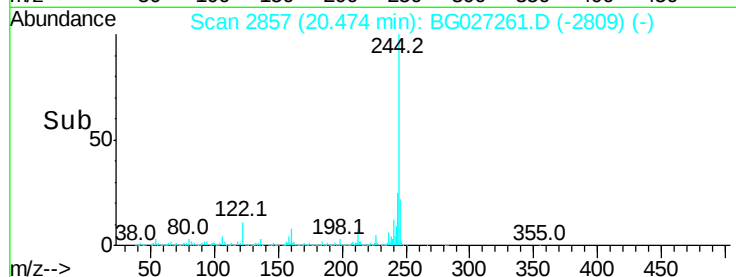
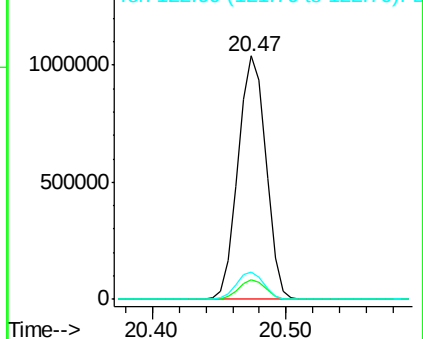
122 11.4 8.6 12.8



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: 25.98 min Scan# 3794

Delta R.T. -0.04 min

Lab File: BG027261.D

Acq: 6 Jun 2017 22:47

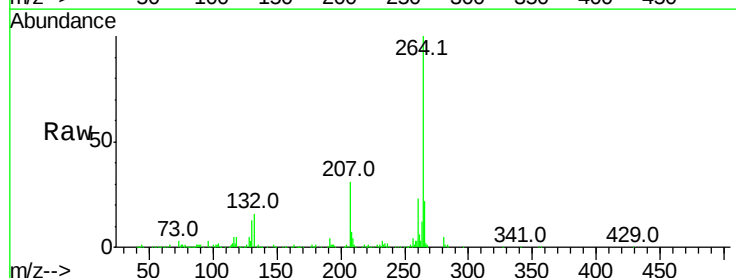
Tgt Ion:264 Resp: 376280

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 21.7 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

