

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061217\
 Data File : BG027381.D
 Acq On : 12 Jun 2017 18:49
 Operator : SJ/MA
 Sample : I3586-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 13 03:52:42 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

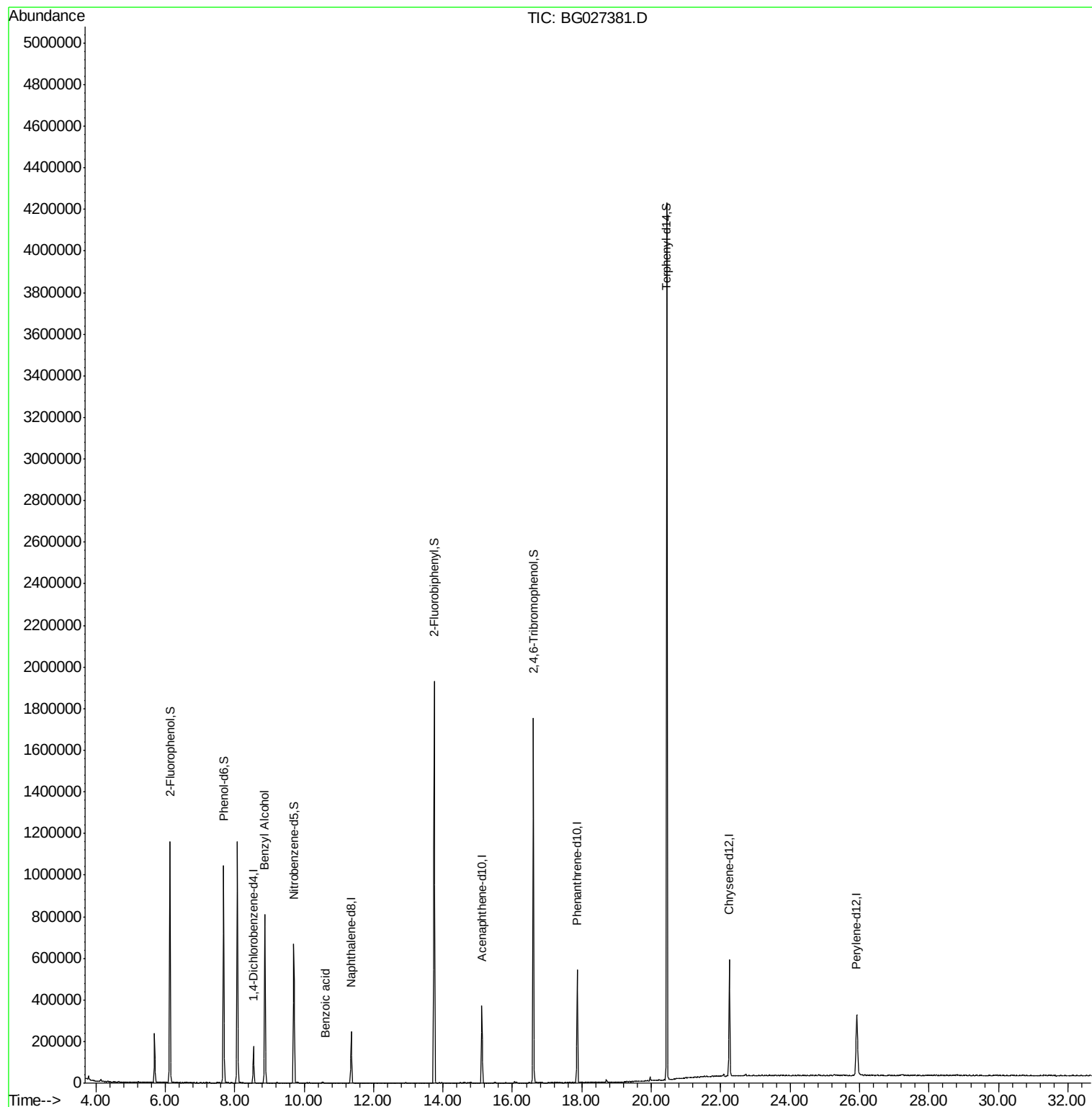
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	51188	20.00	ng	-0.03
21) Naphthalene-d8	11.36	136	217545	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	129781	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	339983	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	387750	20.00	ng	-0.06
86) Perylene-d12	25.92	264	352853	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	526348	156.91	ng	-0.02
7) Phenol-d6	7.68	99	658215	133.67	ng	-0.02
23) Nitrobenzene-d5	9.70	82	444573	128.52	ng	-0.04
41) 2,4,6-Tribromophenol	16.61	330	349536	204.53	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	984575	106.13	ng	-0.04
78) Terphenyl-d14	20.45	244	1823999	120.00	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	8.87	79	7575	2.18	ng	# 47
32) Benzoic acid	10.60	122	136	8.07	ng	# 32

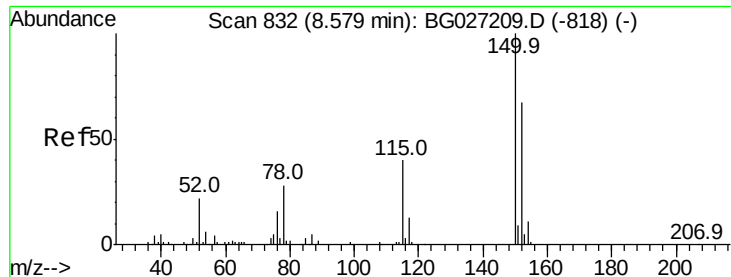
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.55 min Scan# 827

Delta R.T. -0.03 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

Instrument :

BNA_G

ClientSampleId :

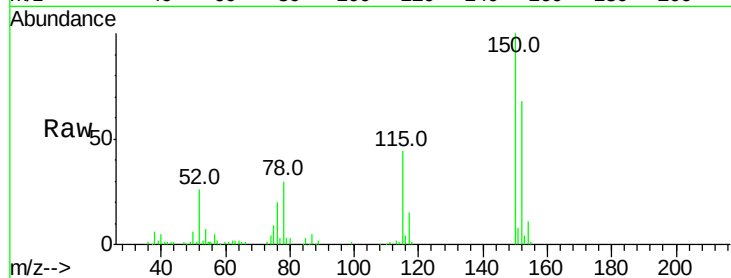
Tot Ion:152 Resp: 51188

Ion Ratio Lower Upper

152 100

150 147.9 114.0 171.0

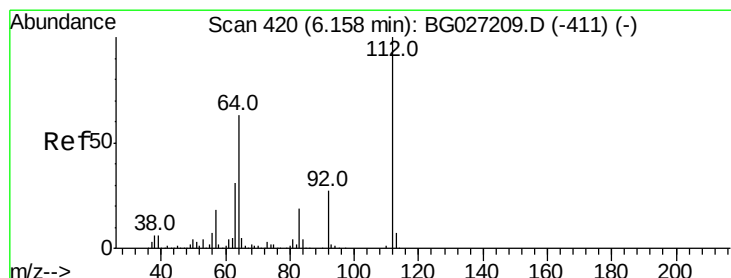
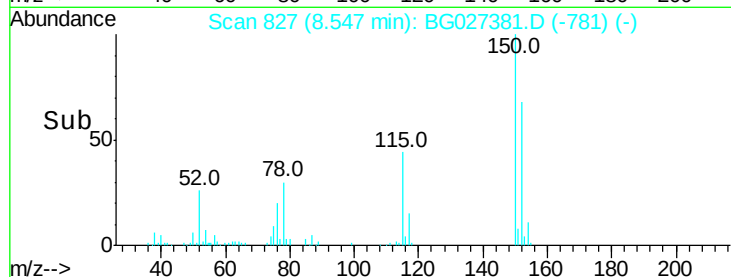
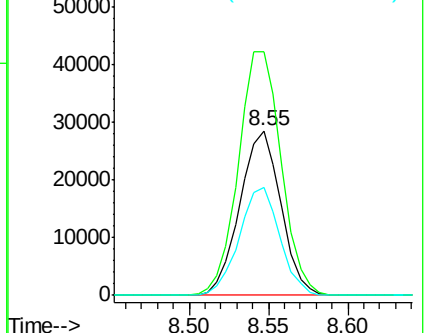
115 65.8 48.1 72.1



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: 156.91 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

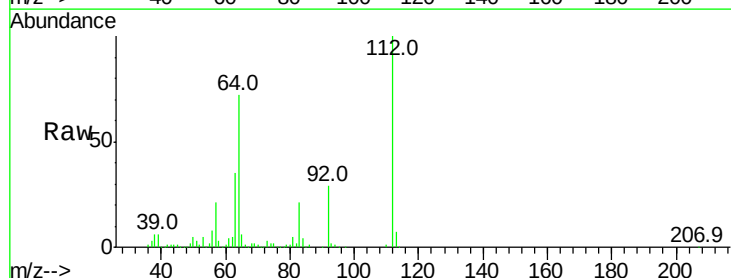
Tgt Ion:112 Resp: 526348

Ion Ratio Lower Upper

112 100

64 71.5 61.8 92.6

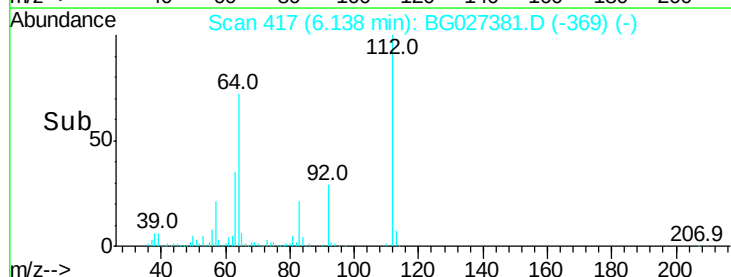
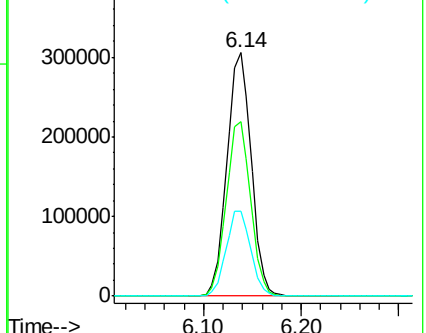
63 35.1 37.2 55.8#

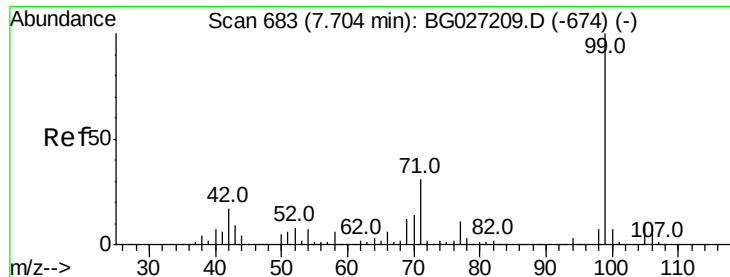


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.67 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

Instrument :

BNA_G

ClientSampled :

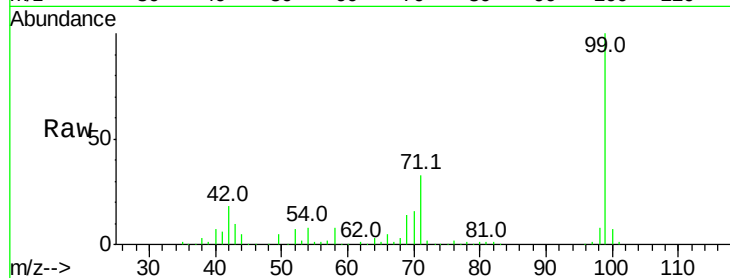
Tot Ion: 99 Resp: 658215

Ion Ratio Lower Upper

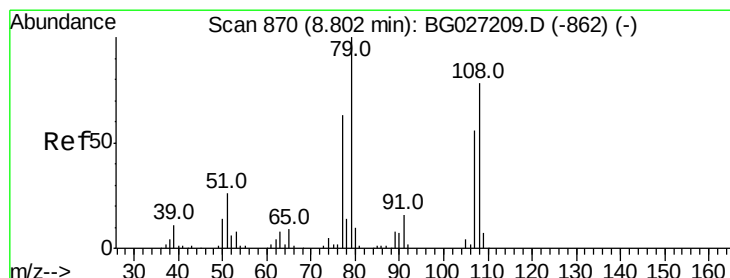
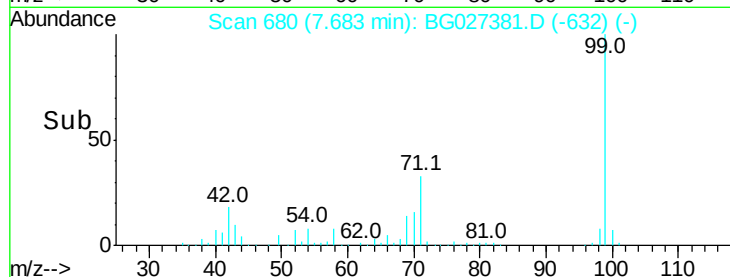
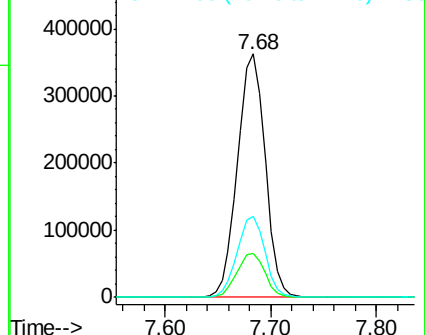
99 100

42 18.2 20.5 30.7#

71 33.4 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



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 8.87 min Scan# 882

Delta R.T. 0.07 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

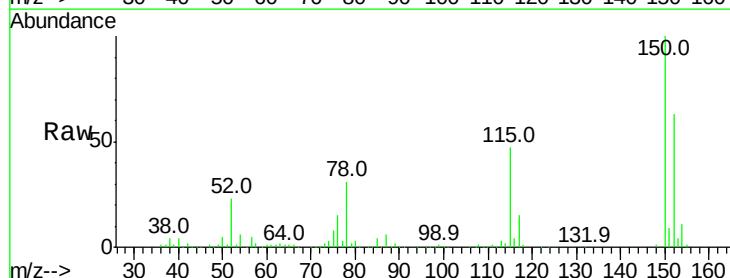
Tgt Ion: 79 Resp: 7575

Ion Ratio Lower Upper

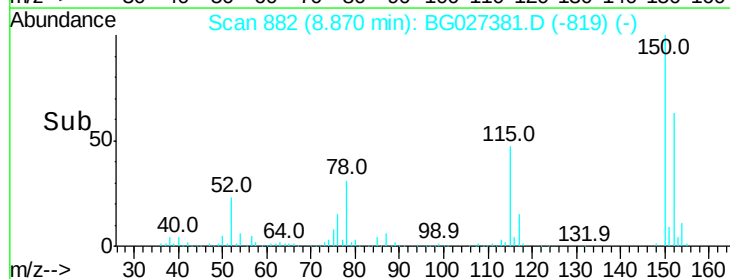
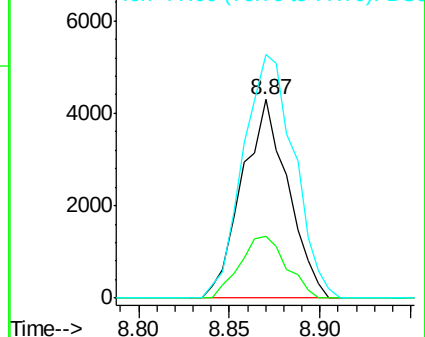
79 100

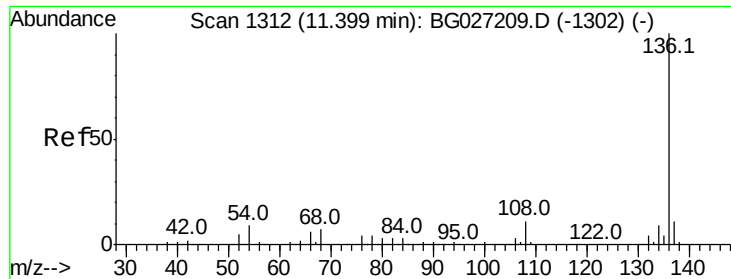
108 31.2 45.5 68.3#

77 122.7 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

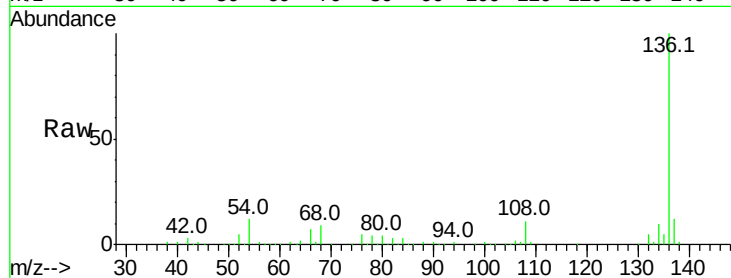




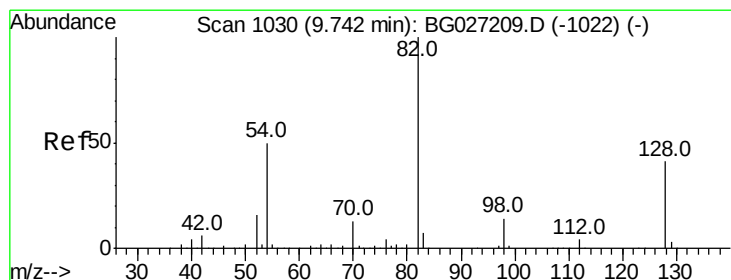
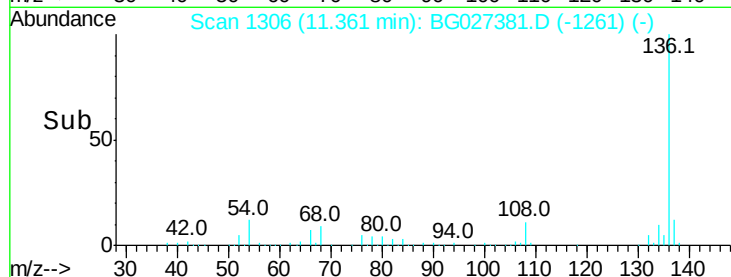
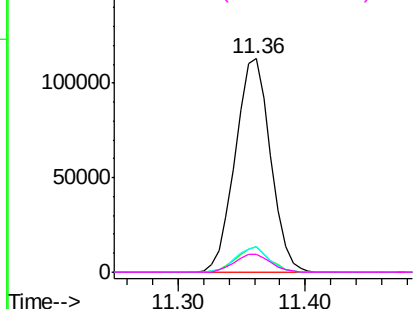
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.36 min Scan# 1306
Delta R.T. -0.04 min
Lab File: BG027381.D
Acq: 12 Jun 2017 18:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	217545
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.9 13.3
54	11.7	9.3 13.9
68	8.6	5.1 7.7#

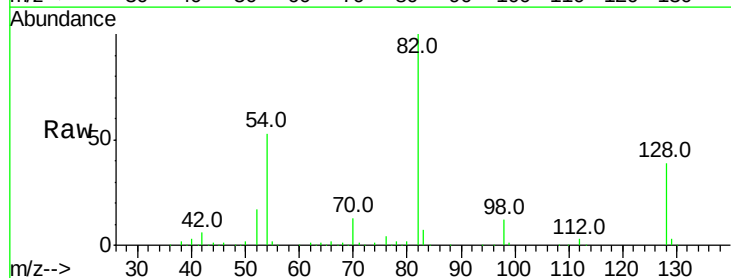


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

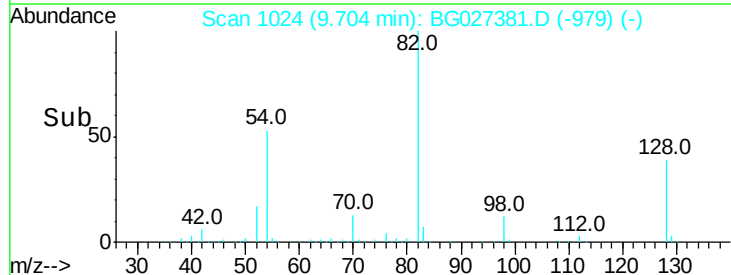
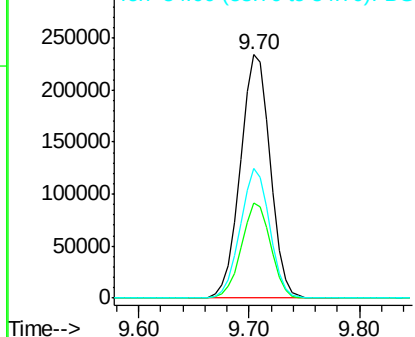


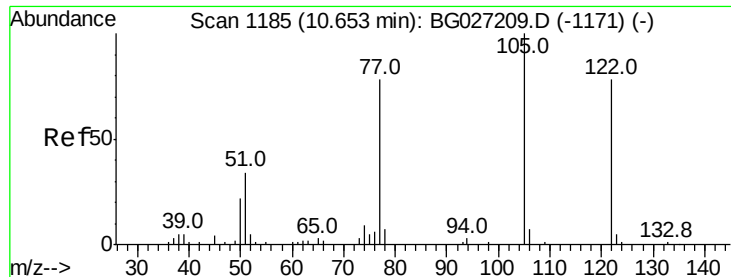
#23
Nitrobenzene-d5
Concen: 128.52 ng
RT: 9.70 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BG027381.D
Acq: 12 Jun 2017 18:49

Tgt Ion: 82	Resp:	444573
Ion	Ratio	Lower Upper
82	100	
128	38.9	26.4 39.6
54	53.4	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

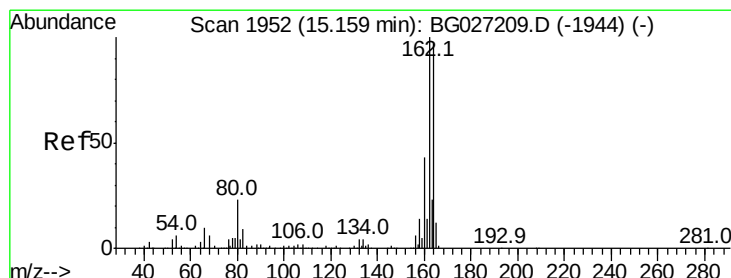
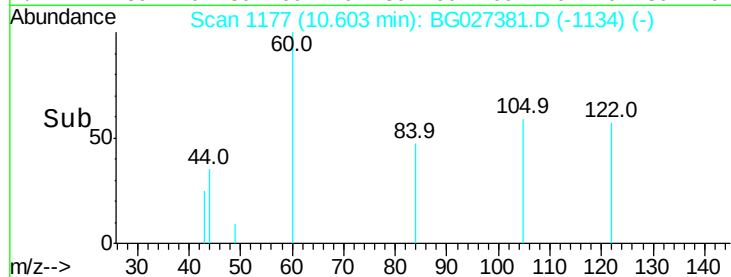
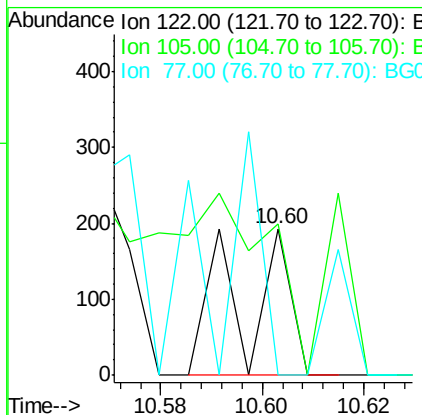
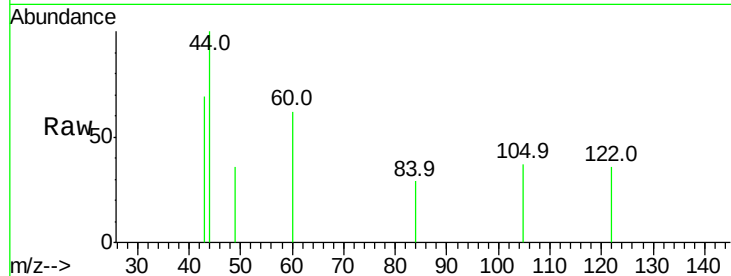




#32
Benzoic acid
Concen: 8.07 ng
RT: 10.60 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BG027381.D
Acq: 12 Jun 2017 18:49

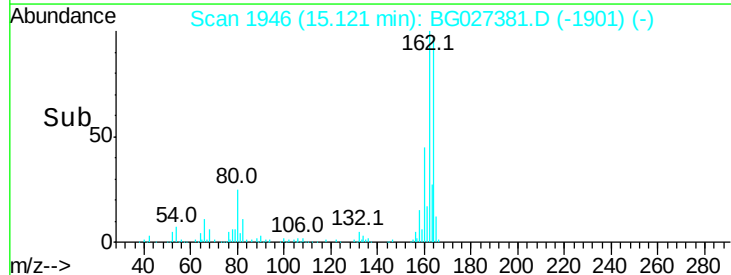
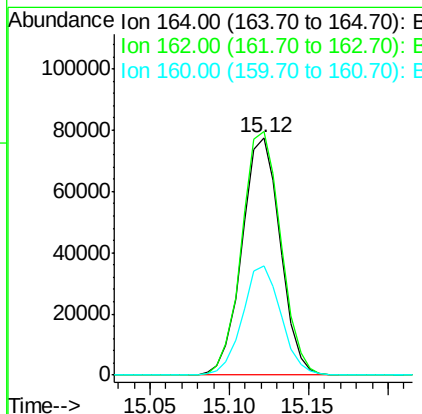
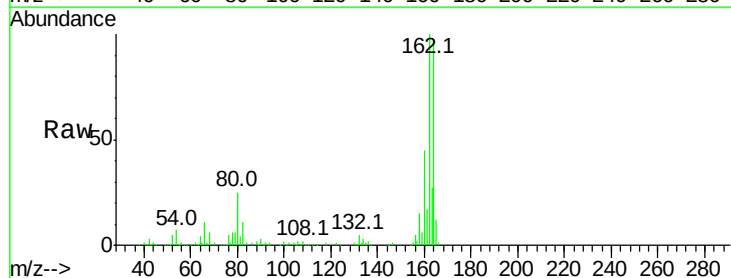
Instrument :
BNA_G
ClientSampled :

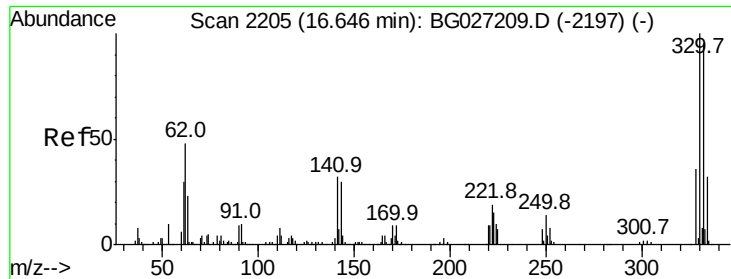
Tot Ion:122 Resp: 136
Ion Ratio Lower Upper
122 100
105 103.1 120.1 160.1#
77 0.0 104.6 144.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.12 min Scan# 1946
Delta R.T. -0.04 min
Lab File: BG027381.D
Acq: 12 Jun 2017 18:49

Tgt Ion:164 Resp: 129781
Ion Ratio Lower Upper
164 100
162 102.6 85.1 127.7
160 46.3 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 204.53 ng

RT: 16.61 min Scan# 2199

Delta R.T. -0.04 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

Instrument :

BNA_G

ClientSampleId :

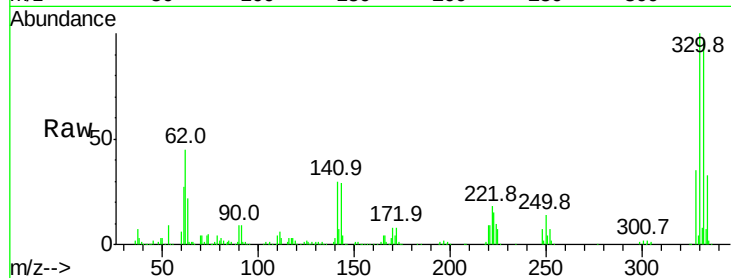
Tot Ion:330 Resp: 349536

Ion Ratio Lower Upper

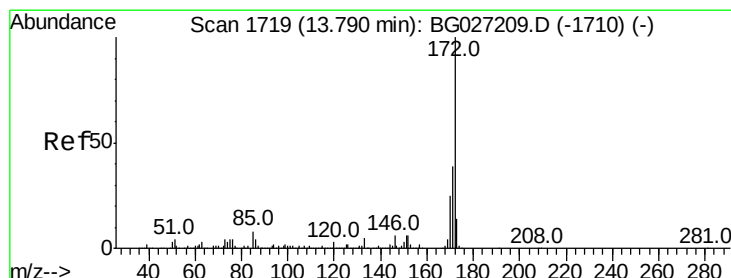
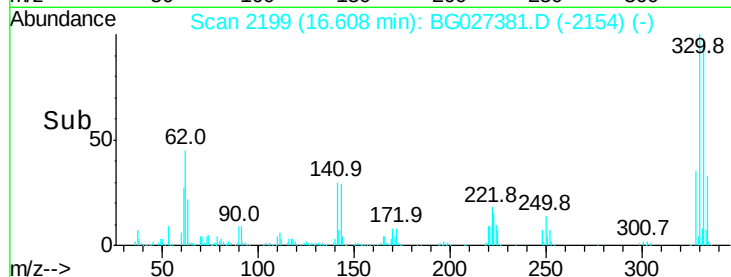
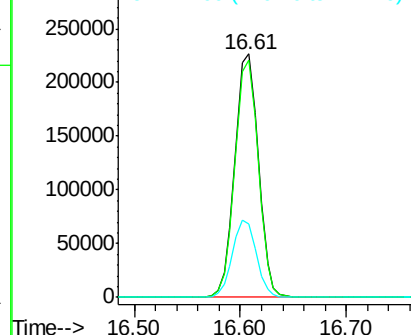
330 100

332 96.7 77.3 115.9

141 32.4 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: 106.13 ng

RT: 13.75 min Scan# 1712

Delta R.T. -0.04 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

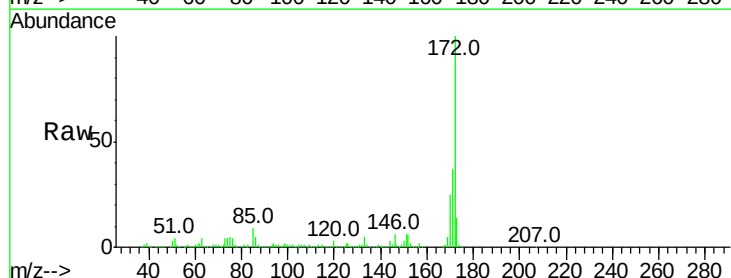
Tgt Ion:172 Resp: 984575

Ion Ratio Lower Upper

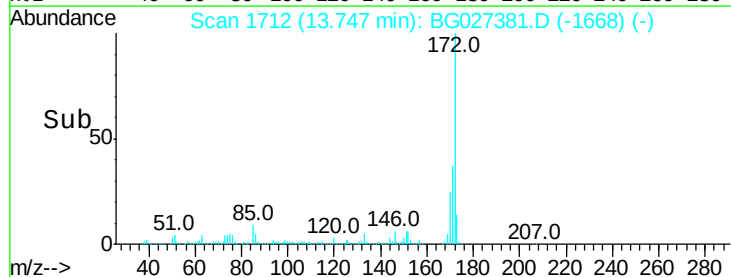
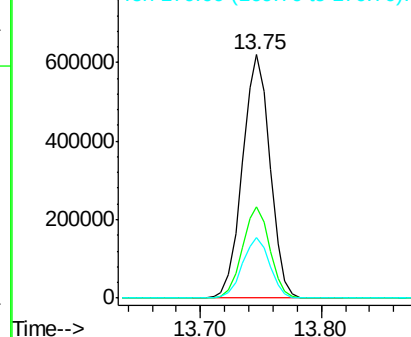
172 100

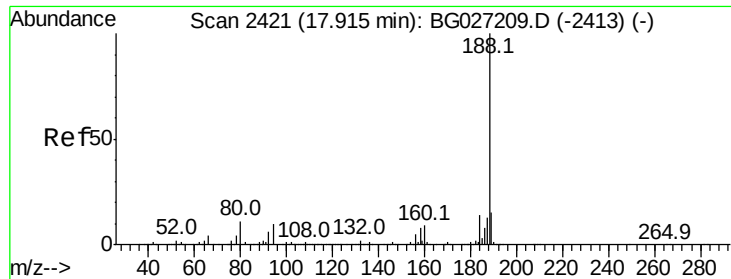
171 37.5 32.2 48.2

170 24.7 21.8 32.6



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

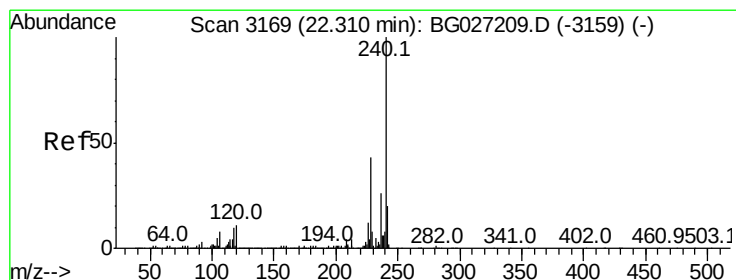
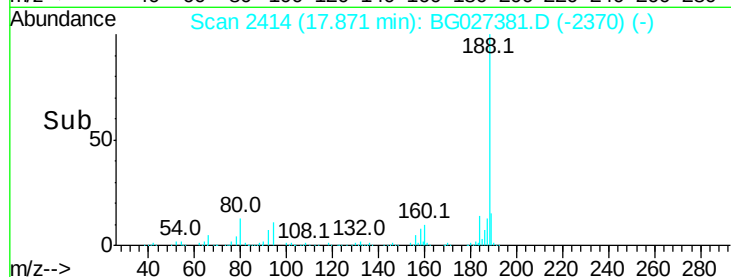
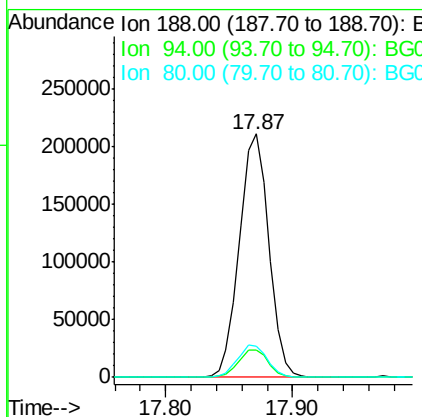
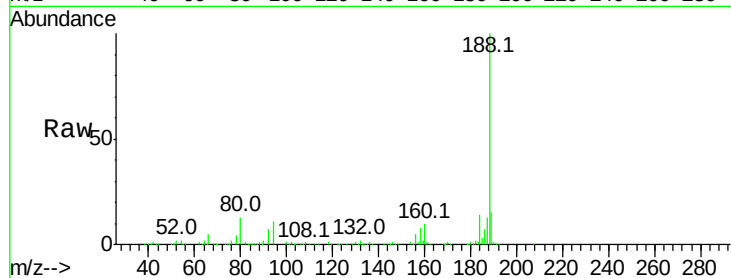




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027381.D
Acq: 12 Jun 2017 18:49

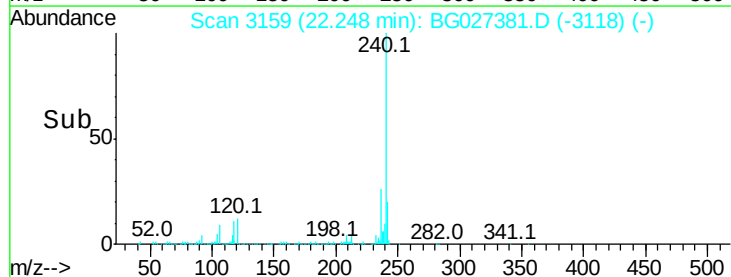
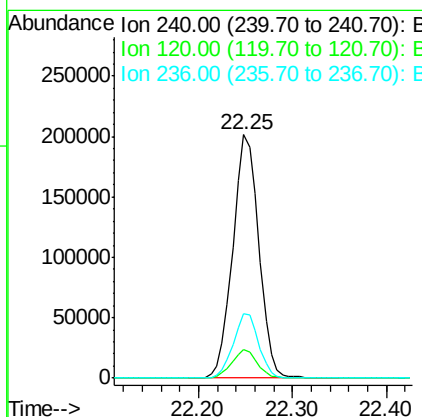
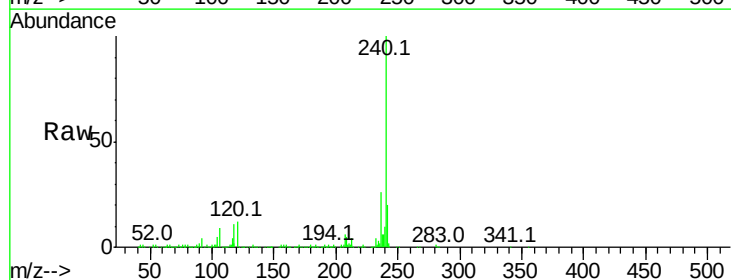
Instrument :
BNA_G
ClientSampled :

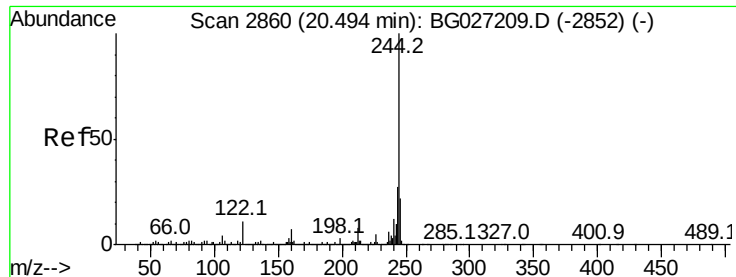
Tot Ion:188 Resp: 339983
Ion Ratio Lower Upper
188 100
94 11.1 5.8 8.8#
80 12.8 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027381.D
Acq: 12 Jun 2017 18:49

Tgt Ion:240 Resp: 387750
Ion Ratio Lower Upper
240 100
120 11.7 5.7 8.5#
236 26.3 22.2 33.4





#78

Terphenyl-d14

Concen: 120.00 ng

RT: 20.45 min Scan# 2853

Delta R.T. -0.04 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

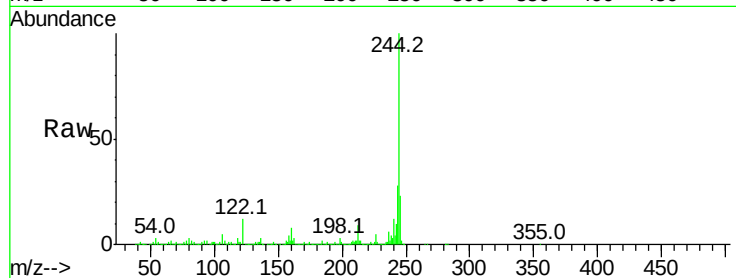
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1823999

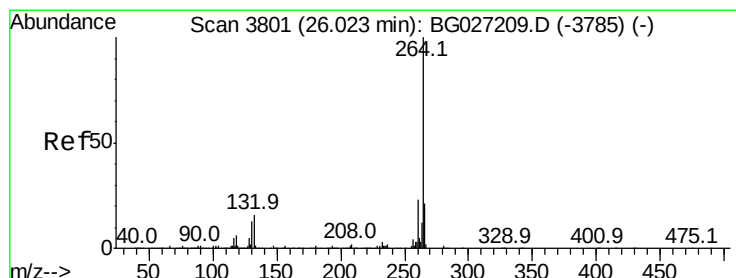
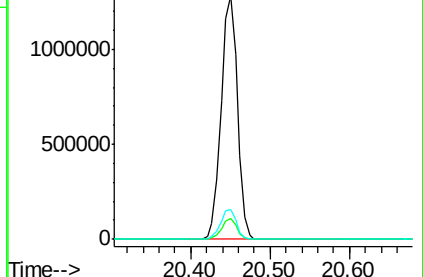
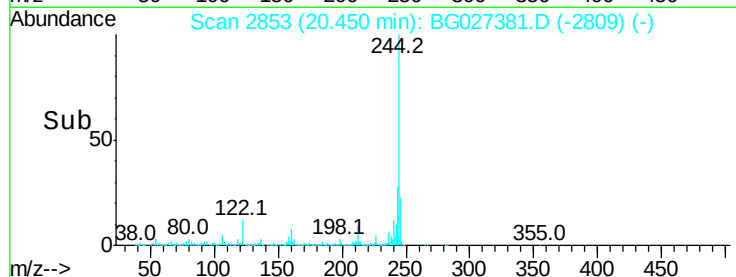
Ion	Ratio	Lower	Upper
244	100		
212	8.6	10.0	15.0#
122	12.3	8.6	12.8



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: 25.92 min Scan# 3784

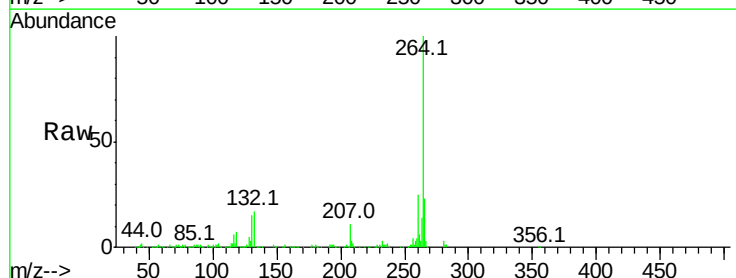
Delta R.T. -0.10 min

Lab File: BG027381.D

Acq: 12 Jun 2017 18:49

Tgt Ion:264 Resp: 352853

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	22.9	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

