

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027339.D
 Acq On : 9 Jun 2017 6:16
 Operator : SJ/MA
 Sample : I3469-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 07:20:38 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

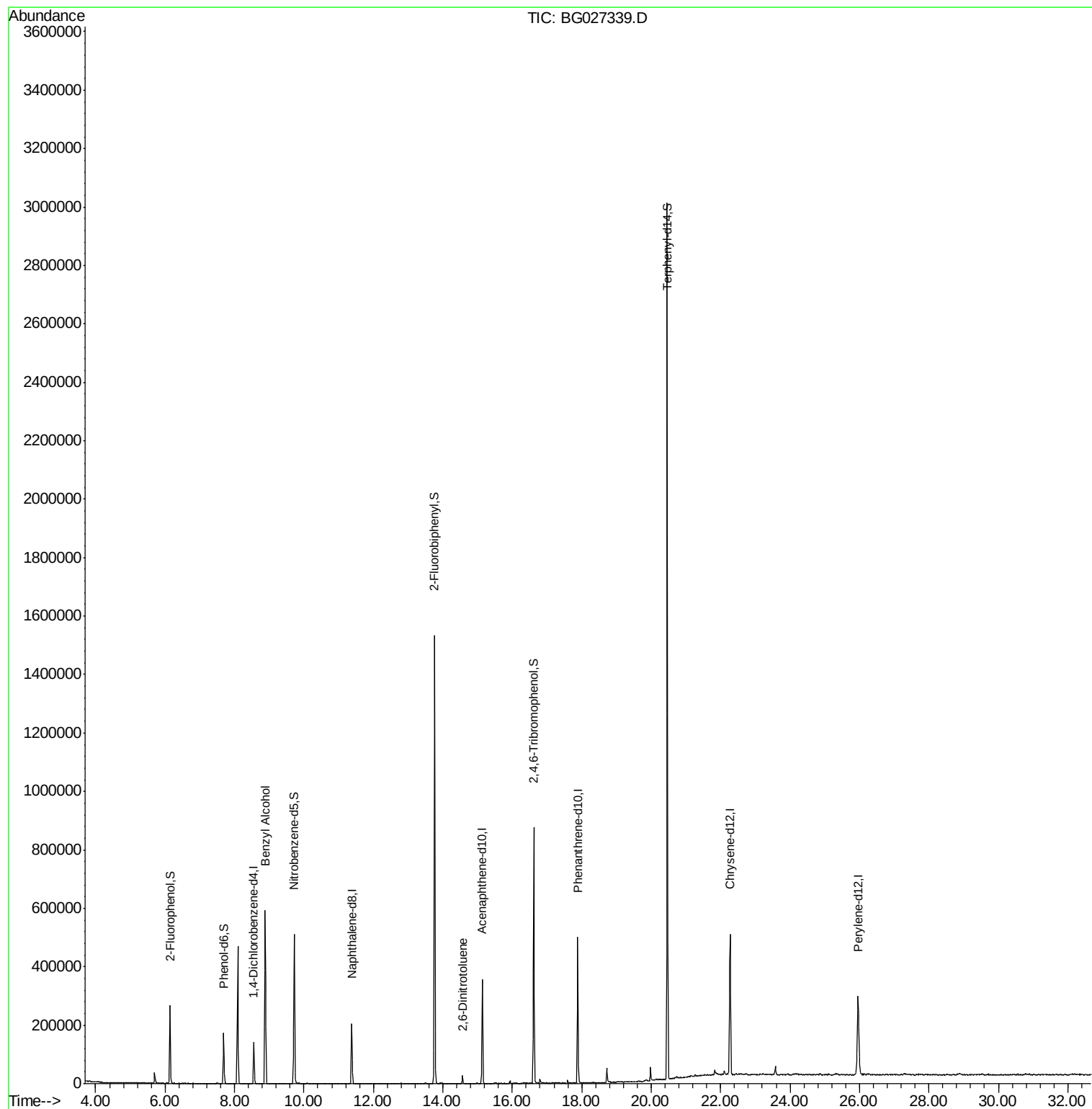
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	39245	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	182104	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	123180	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	313733	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	348676	20.00	ng	-0.04
86) Perylene-d12	25.96	264	324666	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	121832	47.37	ng	-0.02
7) Phenol-d6	7.69	99	109062	28.89	ng	-0.02
23) Nitrobenzene-d5	9.72	82	343076	118.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	174108	107.34	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	823340	93.51	ng	-0.03
78) Terphenyl-d14	20.46	244	1355012	99.14	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.88	79	5503	2.07	ng	# 50
50) 2,6-Dinitrotoluene	14.57	165	88	5.65	ng	# 41

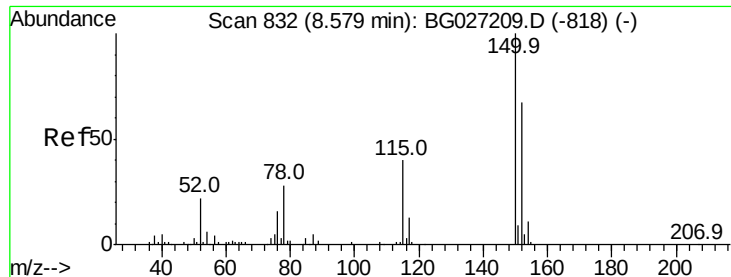
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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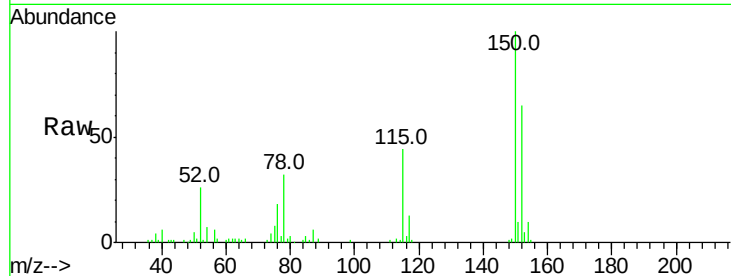


#1

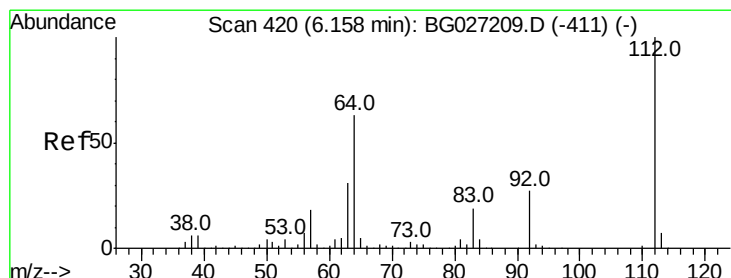
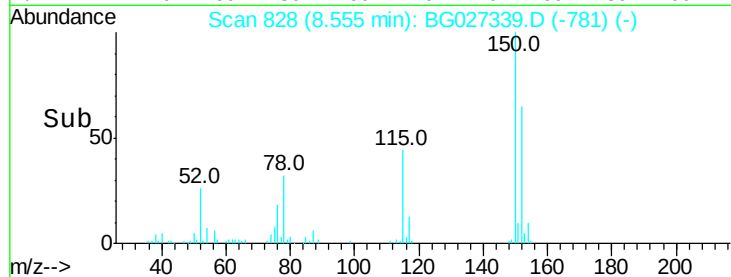
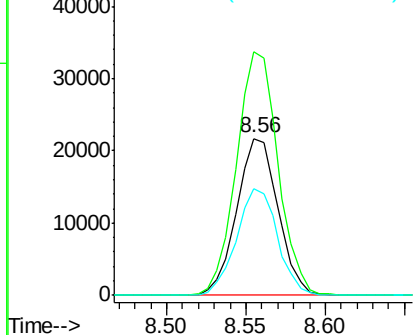
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39245
Ion Ratio Lower Upper
152 100
150 154.9 114.0 171.0
115 67.8 48.1 72.1



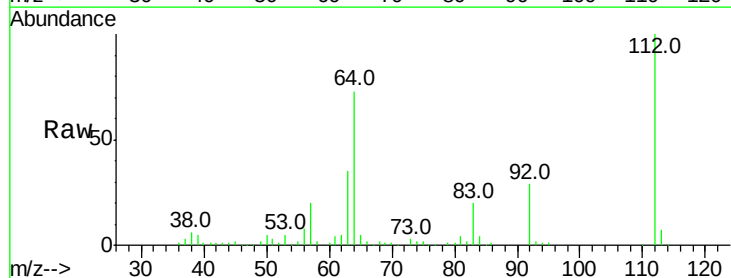
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



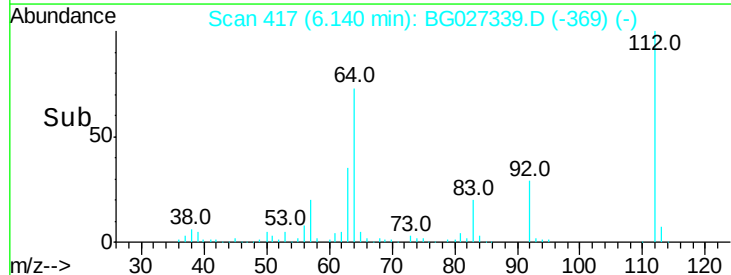
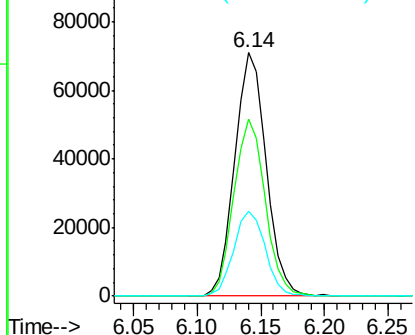
#5

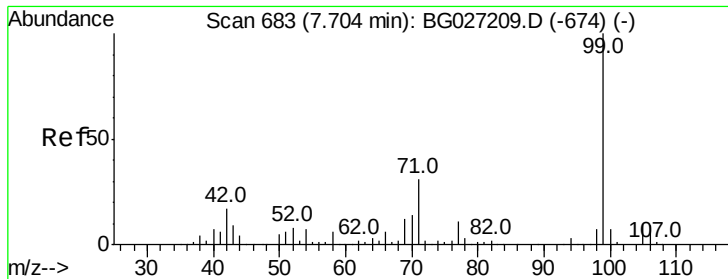
2-Fluorophenol
Concen: 47.37 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

Tgt Ion:112 Resp: 121832
Ion Ratio Lower Upper
112 100
64 72.6 61.8 92.6
63 34.7 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: 28.89 ng

RT: 7.69 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

Instrument :

BNA_G

ClientSampleId :

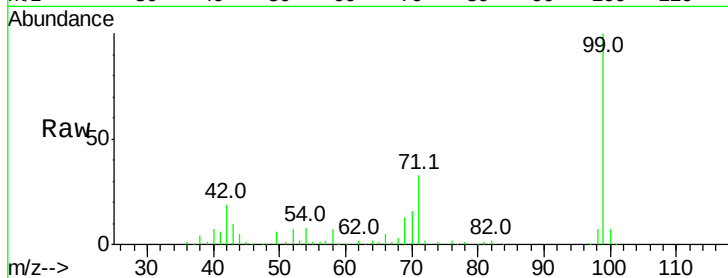
Tot Ion: 99 Resp: 109062

Ion Ratio Lower Upper

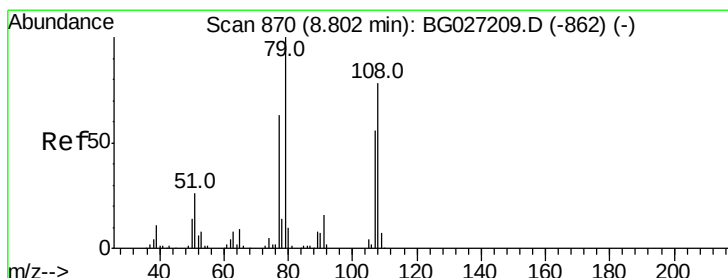
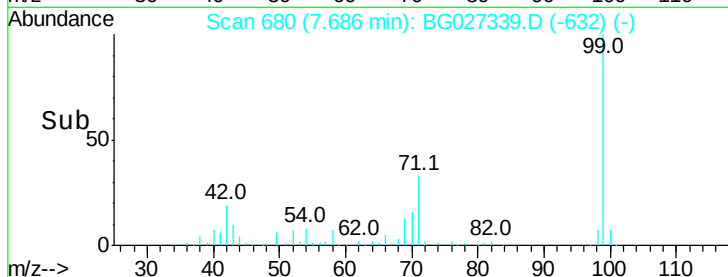
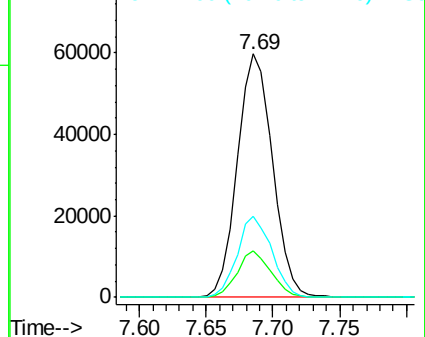
99 100

42 18.9 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: 2.07 ng

RT: 8.88 min Scan# 884

Delta R.T. 0.08 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

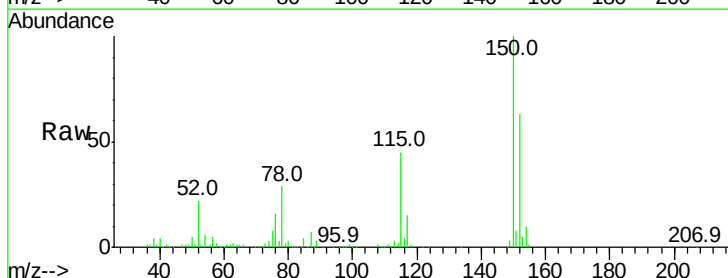
Tgt Ion: 79 Resp: 5503

Ion Ratio Lower Upper

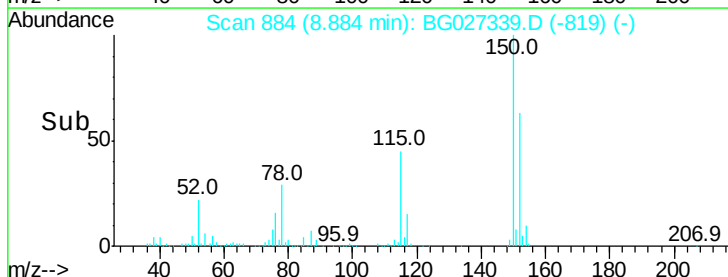
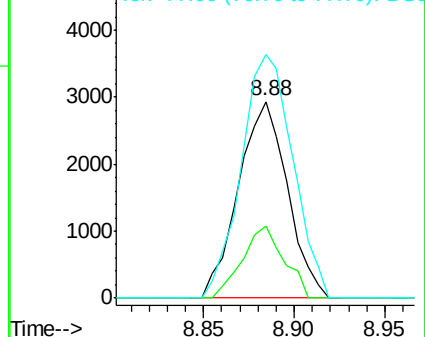
79 100

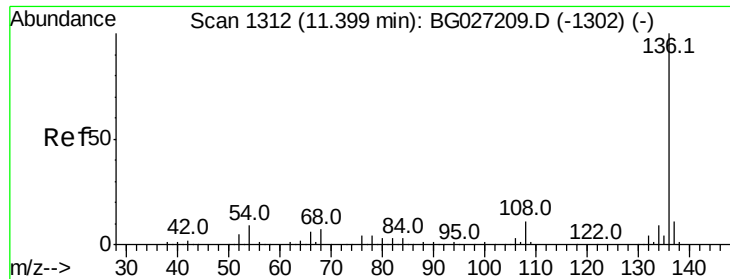
108 36.8 45.5 68.3#

77 123.7 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

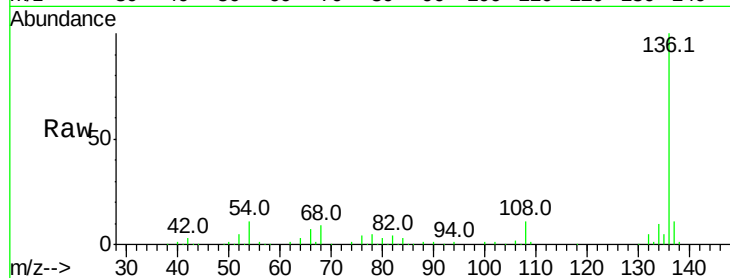




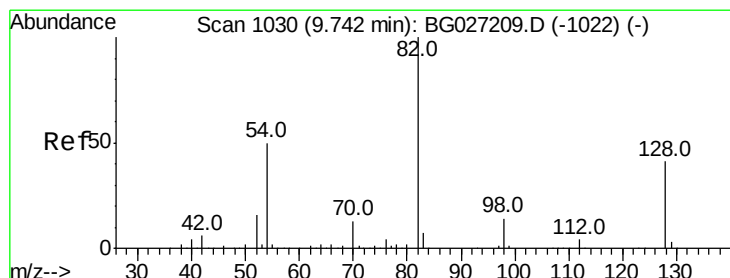
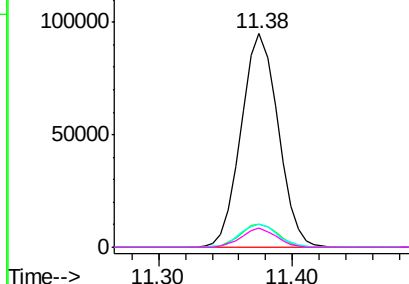
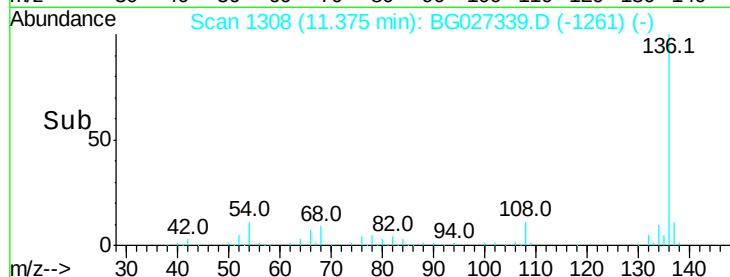
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.38 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	182104
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.6	9.3	13.9
68	8.7	5.1	7.7#

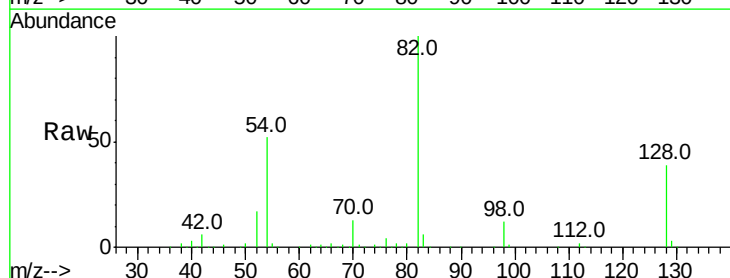


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

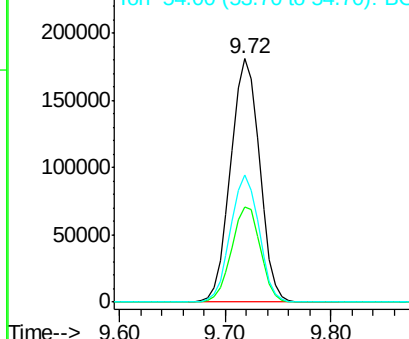
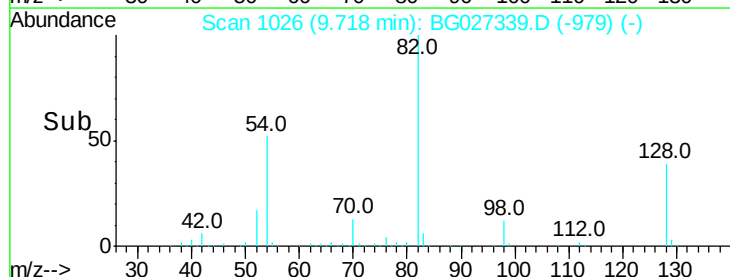


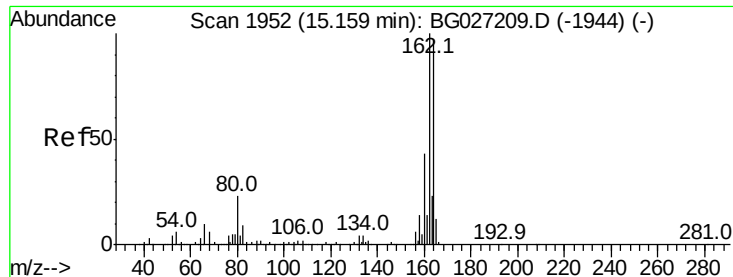
#23
Nitrobenzene-d5
Concen: 118.48 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

Tgt Ion:	82	Resp:	343076
Ion	Ratio	Lower	Upper
82	100		
128	39.0	26.4	39.6
54	52.3	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: 15.14 min Scan# 1948

Delta R.T. -0.02 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

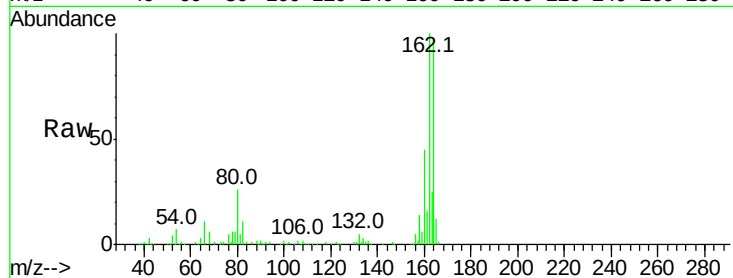
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 123180

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	46.7	34.7	52.1

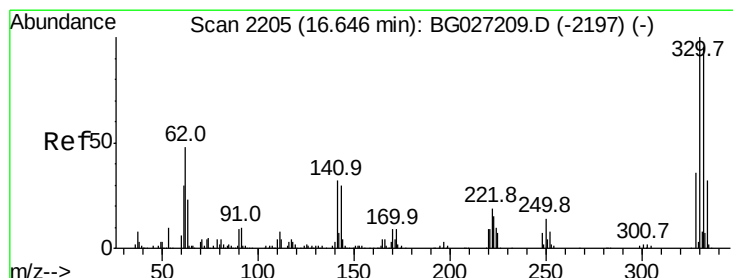
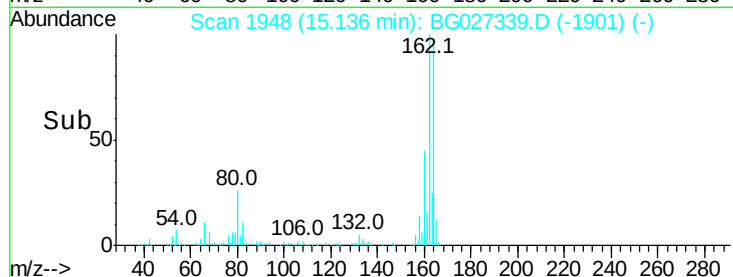
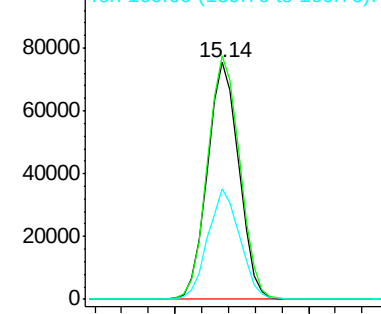


Abundance

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: 107.34 ng

RT: 16.62 min Scan# 2201

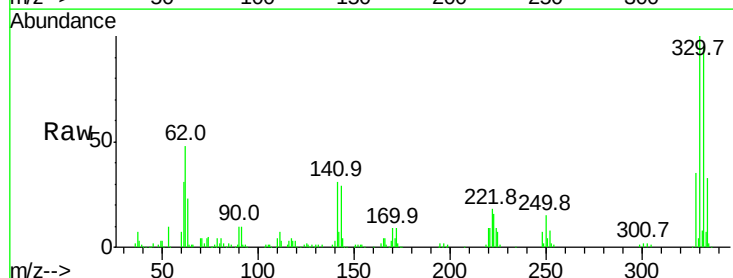
Delta R.T. -0.02 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

Tgt Ion:330 Resp: 174108

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	34.1	32.1	48.1

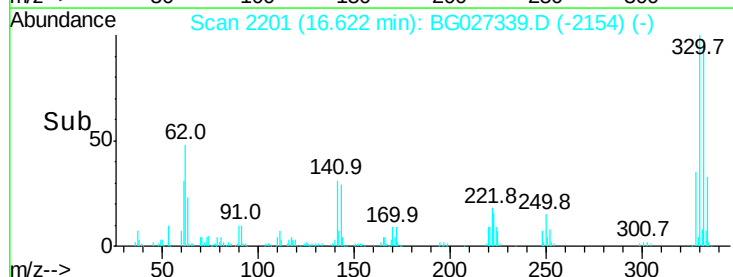
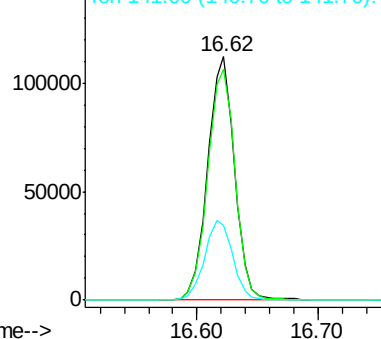


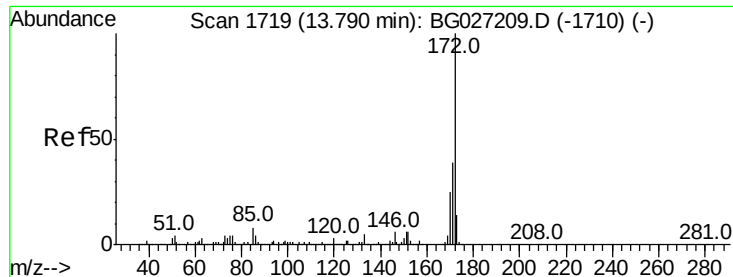
Abundance

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: 93.51 ng

RT: 13.76 min Scan# 1714

Delta R.T. -0.03 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

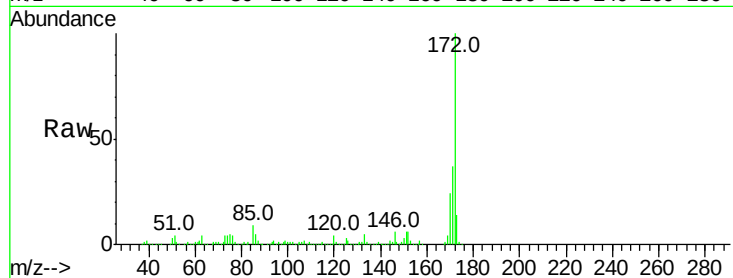
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 823340

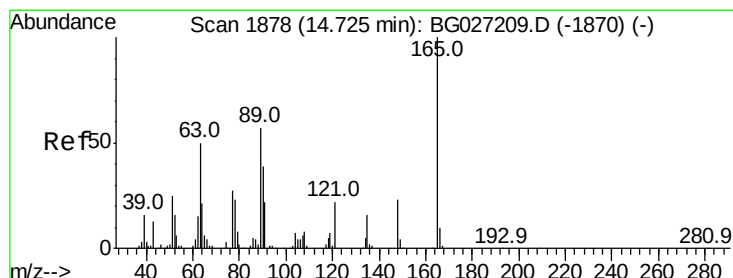
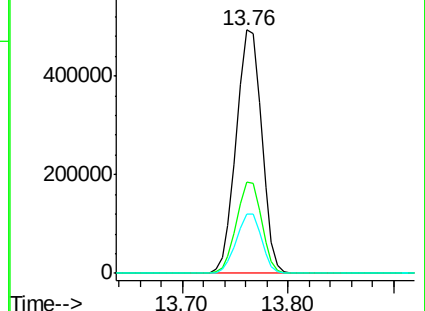
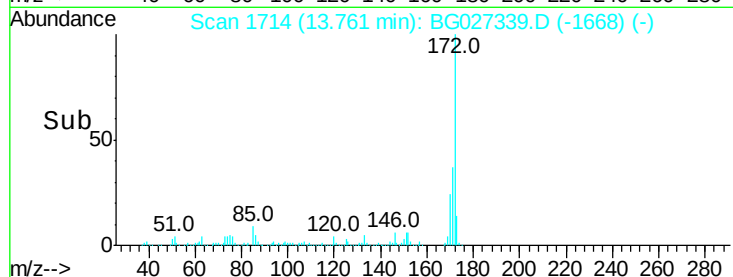
Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	24.2	21.8	32.6



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



#50

2,6-Dinitrotoluene

Concen: 5.65 ng

RT: 14.57 min Scan# 1851

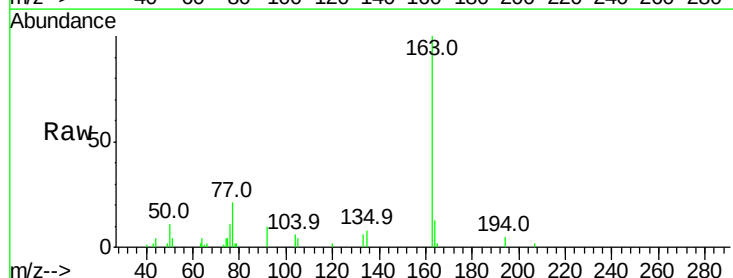
Delta R.T. -0.16 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

Tgt Ion:165 Resp: 88

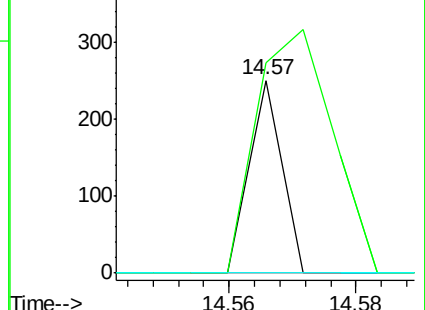
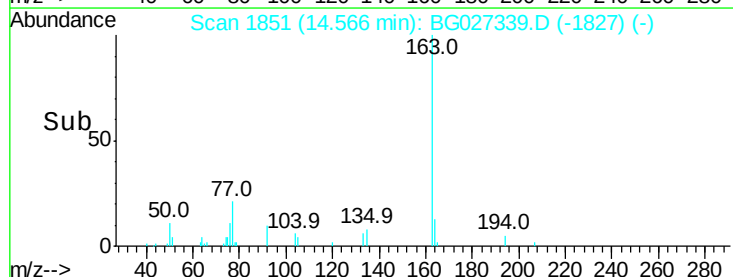
Ion	Ratio	Lower	Upper
165	100		
63	109.2	63.9	95.9#
89	0.0	58.6	88.0#

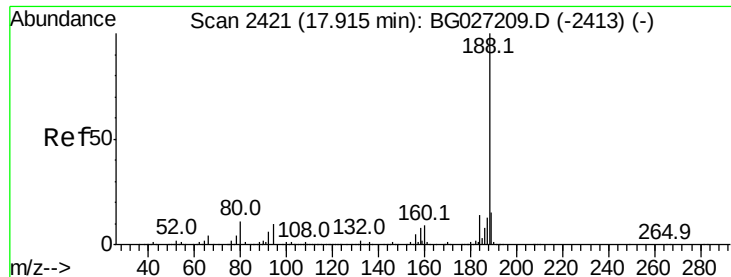


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

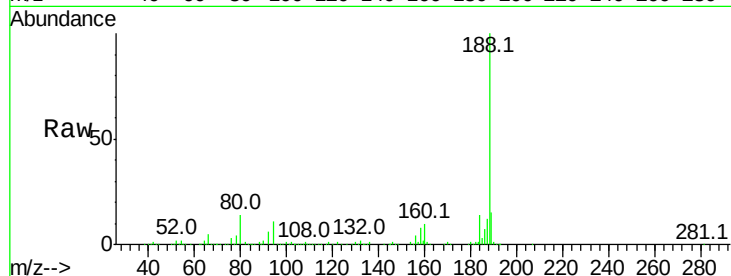




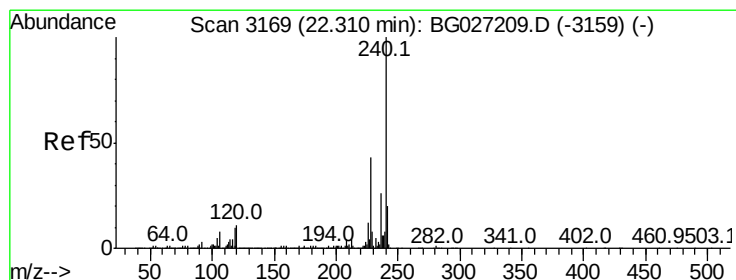
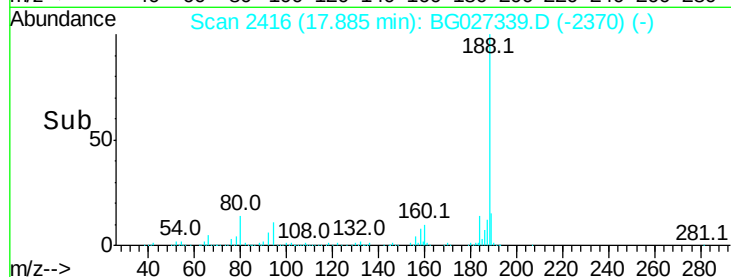
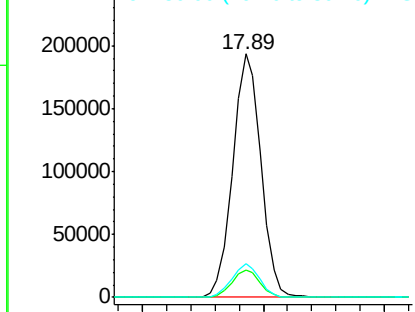
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 313733
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 13.7 7.5 11.3#

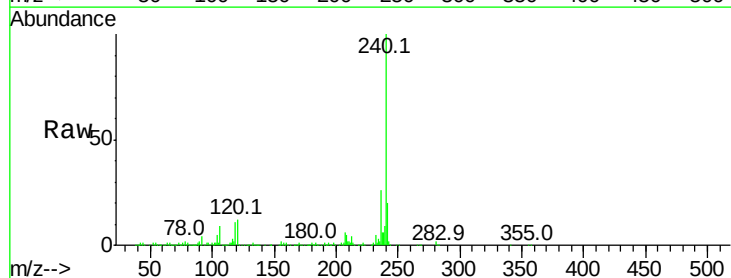


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

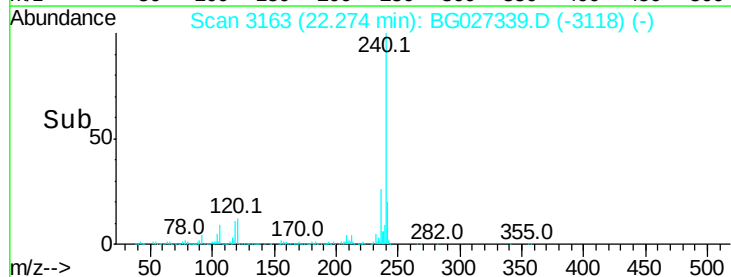
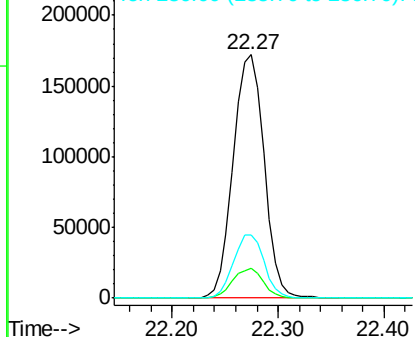


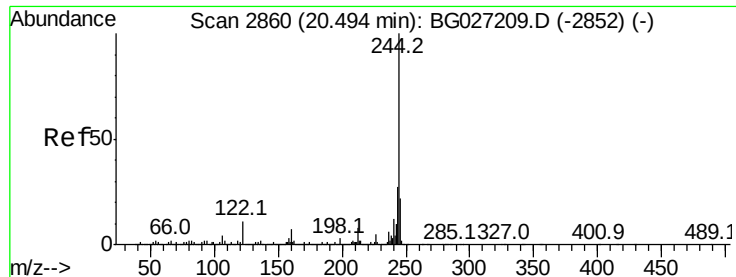
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027339.D
Acq: 9 Jun 2017 6:16

Tgt Ion:240 Resp: 348676
Ion Ratio Lower Upper
240 100
120 12.0 5.7 8.5#
236 25.7 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: 99.14 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

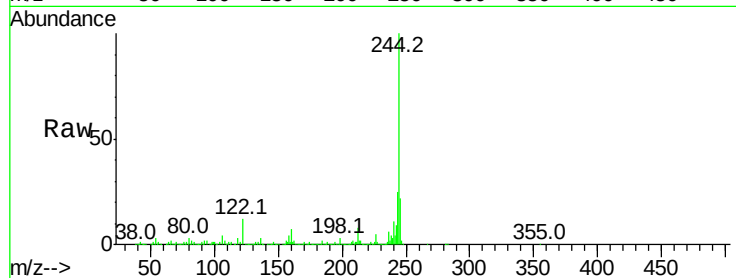
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1355012

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	12.4	8.6	12.8

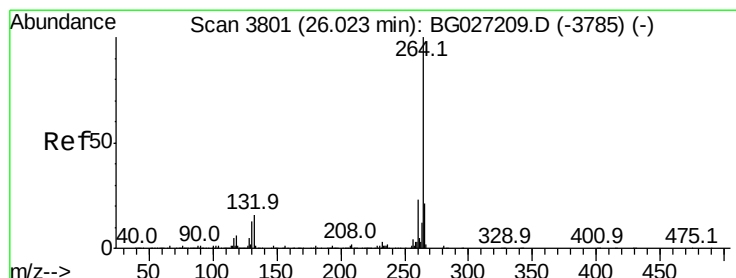
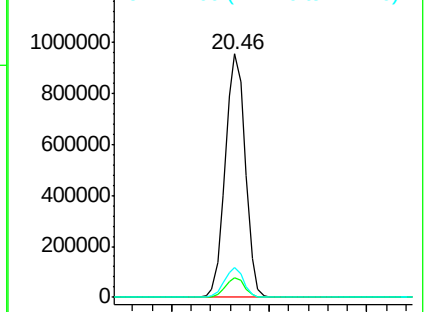
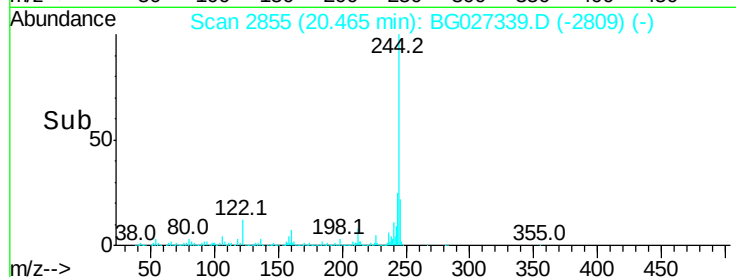


Abundance

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: 25.96 min Scan# 3790

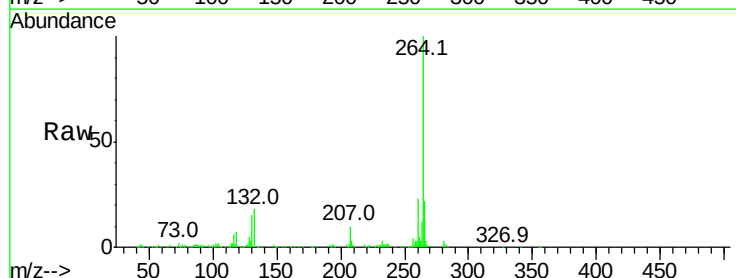
Delta R.T. -0.07 min

Lab File: BG027339.D

Acq: 9 Jun 2017 6:16

Tgt Ion:264 Resp: 324666

Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	22.0	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

