

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027240.D
 Acq On : 6 Jun 2017 9:02
 Operator : SJ/MA
 Sample : I3398-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 18:02:49 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

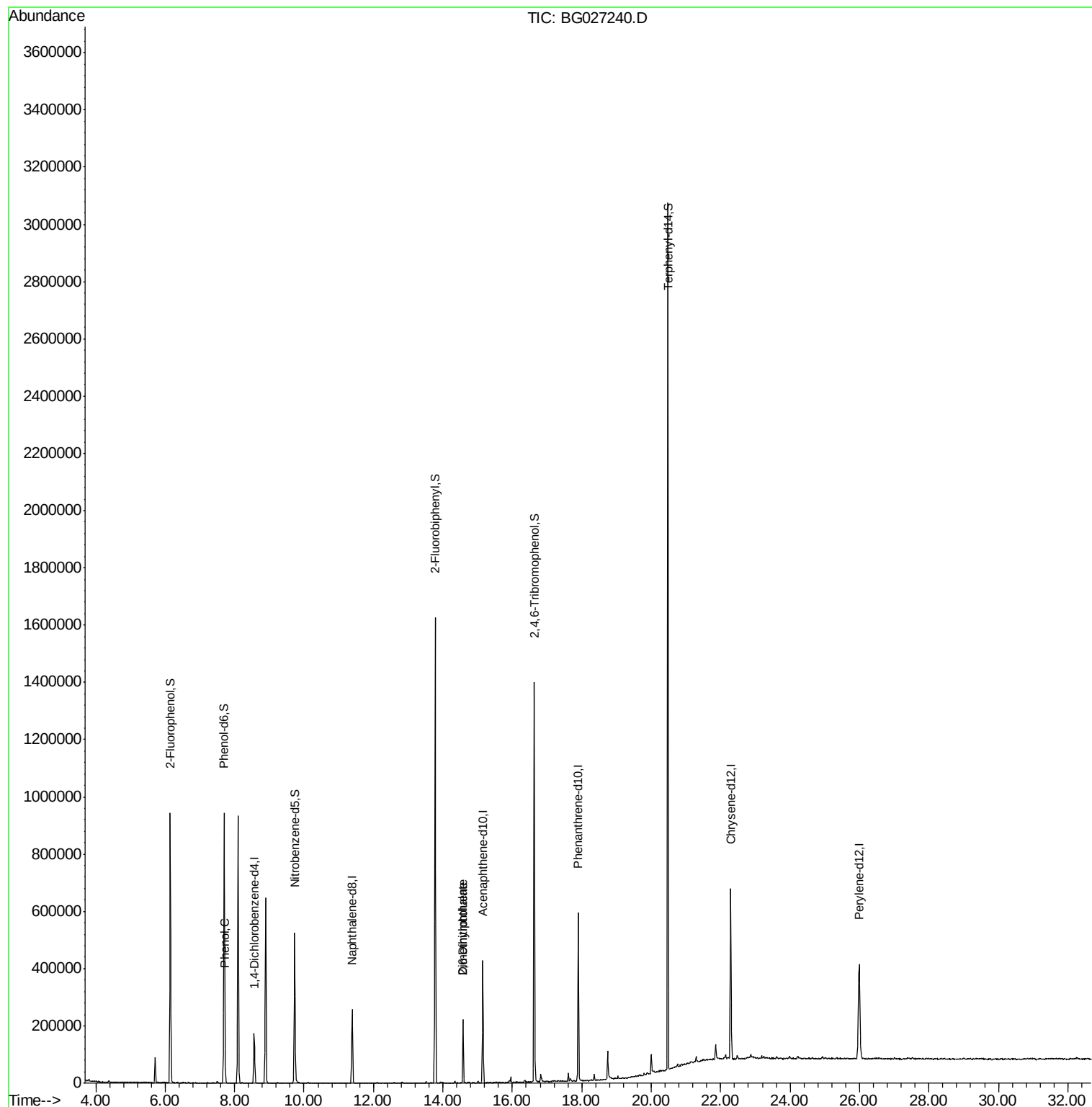
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	51497	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	239321	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	157617	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	388502	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	433593	20.00	ng	-0.02
86) Perylene-d12	25.99	264	404502	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	454082	134.55	ng	0.00
7) Phenol-d6	7.70	99	644926	130.19	ng	0.00
23) Nitrobenzene-d5	9.73	82	342962	90.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	283895	136.78	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	894852	79.43	ng	-0.01
78) Terphenyl-d14	20.48	244	1382620	81.35	ng	-0.01
Target Compounds						
10) Phenol	7.73	94	22822	4.51	ng	Qvalue 87
49) Dimethylphthalate	14.58	163	150496	12.04	ng	96
50) 2,6-Dinitrotoluene	14.58	165	1588	6.17	ng	# 21

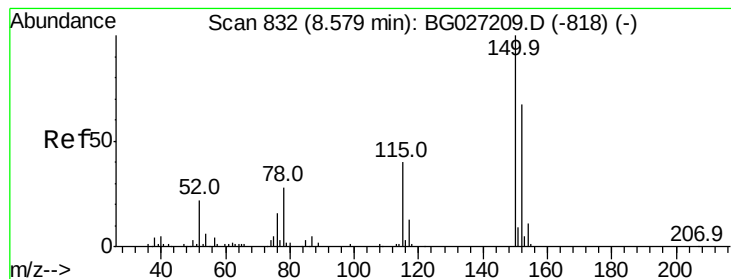
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG027240.D

Acq: 6 Jun 2017 9:02

Instrument :

BNA_G

ClientSampleId :

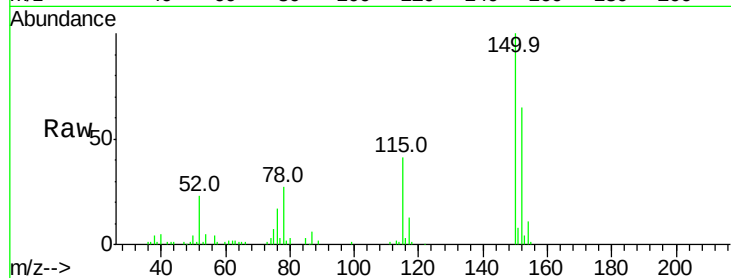
Tot Ion:152 Resp: 51497

Ion Ratio Lower Upper

152 100

150 152.8 114.0 171.0

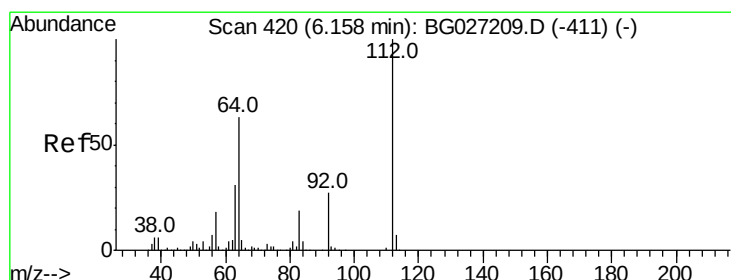
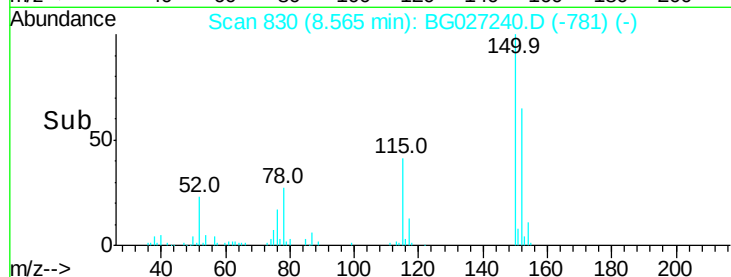
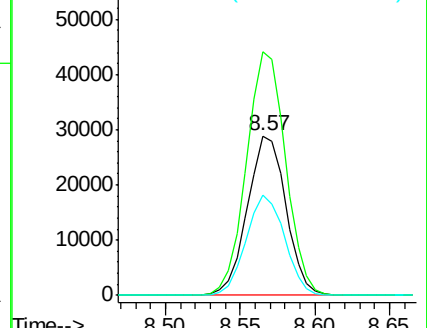
115 63.1 48.1 72.1



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: 134.55 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027240.D

Acq: 6 Jun 2017 9:02

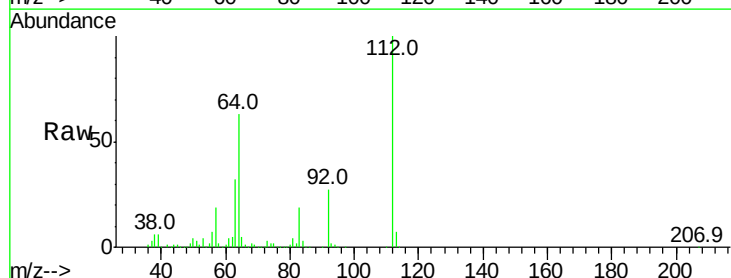
Tgt Ion:112 Resp: 454082

Ion Ratio Lower Upper

112 100

64 63.0 61.8 92.6

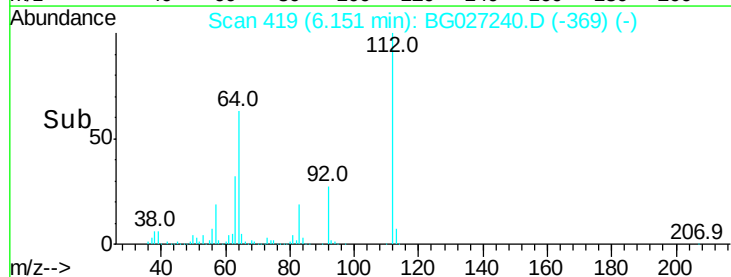
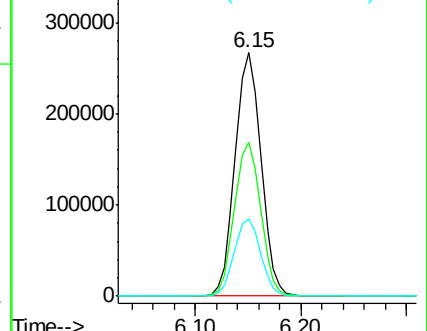
63 31.8 37.2 55.8#

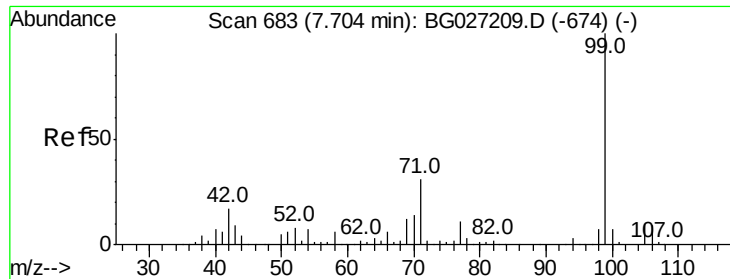


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 130.19 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027240.D

Acq: 6 Jun 2017 9:02

Instrument :

BNA_G

ClientSampleId :

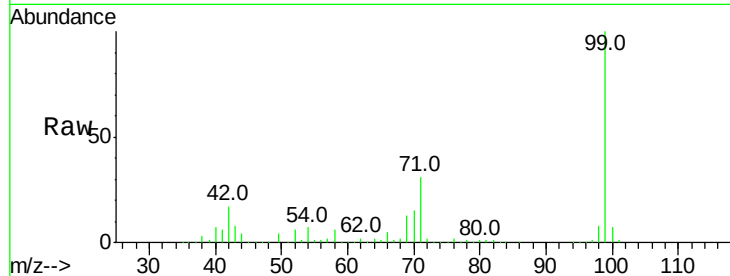
Tot Ion: 99 Resp: 644926

Ion Ratio Lower Upper

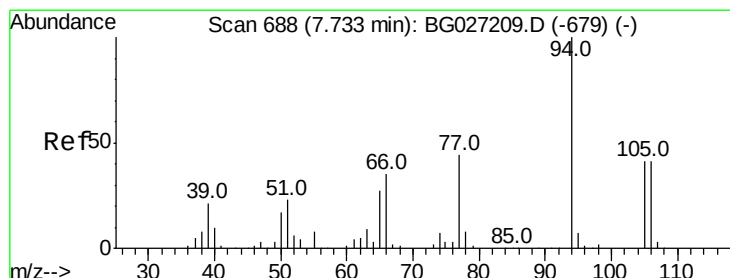
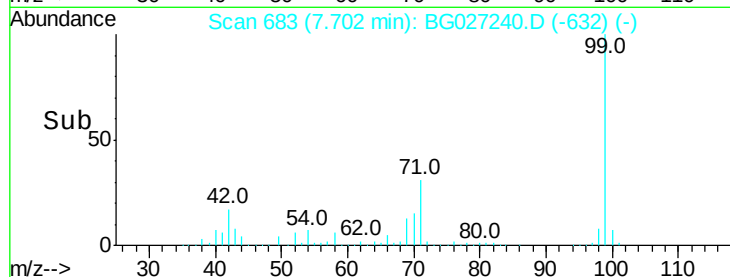
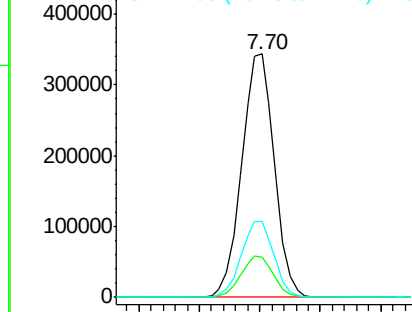
99 100

42 16.6 20.5 30.7#

71 31.1 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



#10

Phenol

Concen: 4.51 ng

RT: 7.73 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027240.D

Acq: 6 Jun 2017 9:02

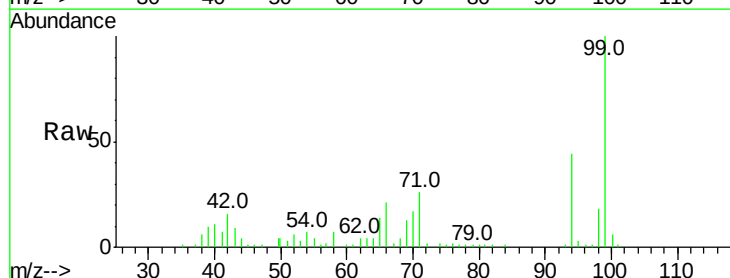
Tgt Ion: 94 Resp: 22822

Ion Ratio Lower Upper

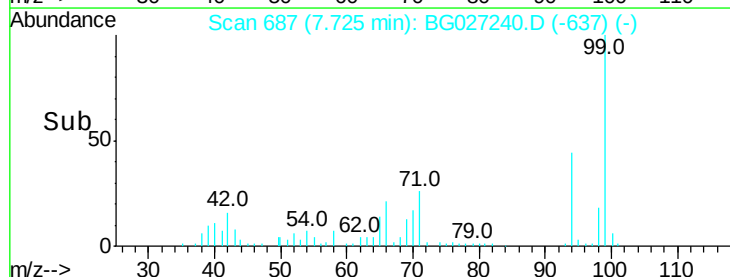
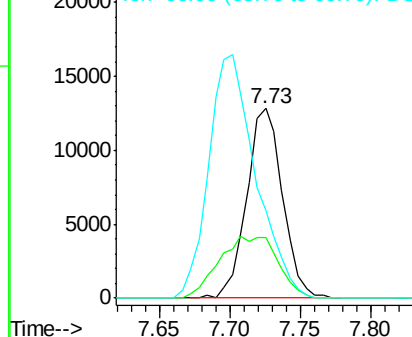
94 100

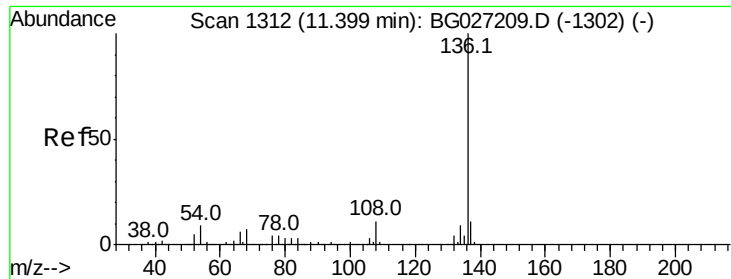
65 31.8 20.6 60.6

66 46.4 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

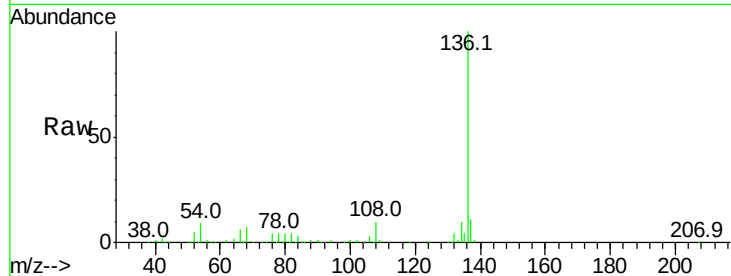




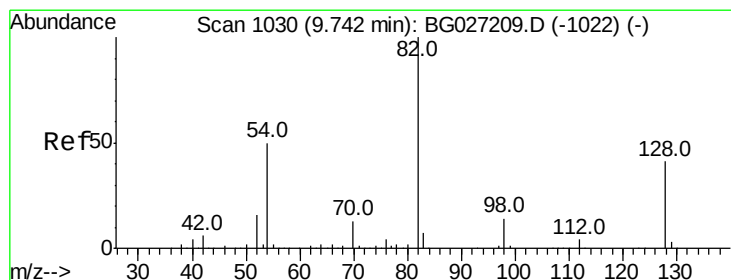
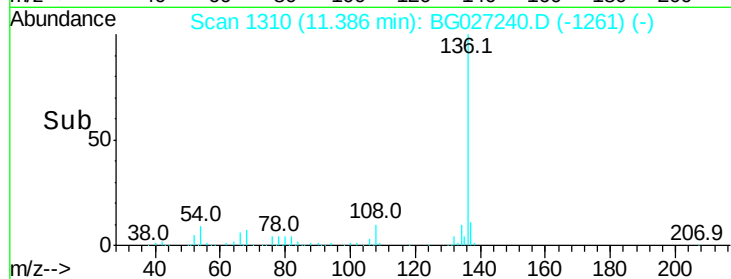
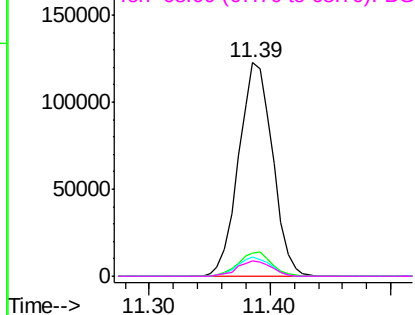
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027240.D
Acq: 6 Jun 2017 9:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	239321
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.9	9.3 13.9#
68	7.2	5.1 7.7

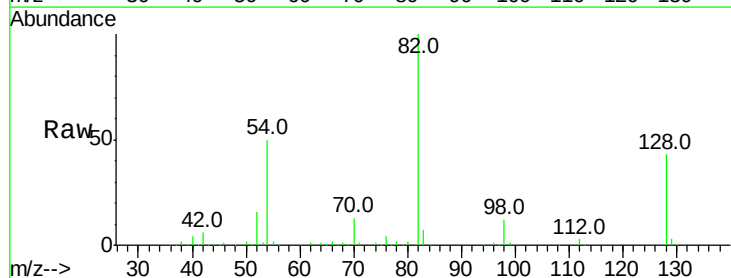


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

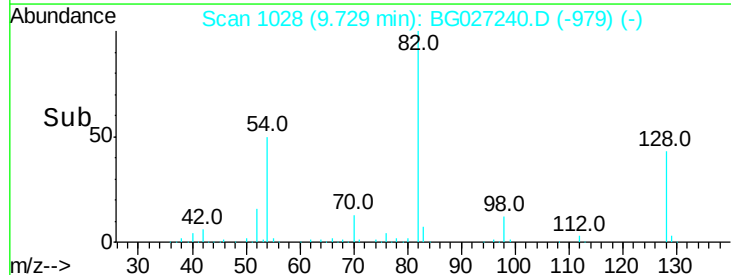
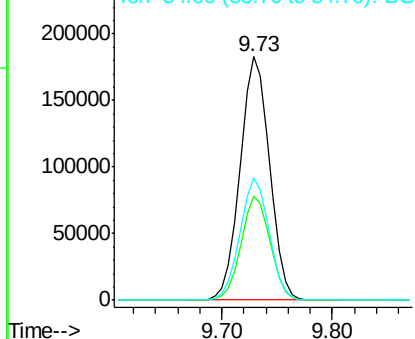


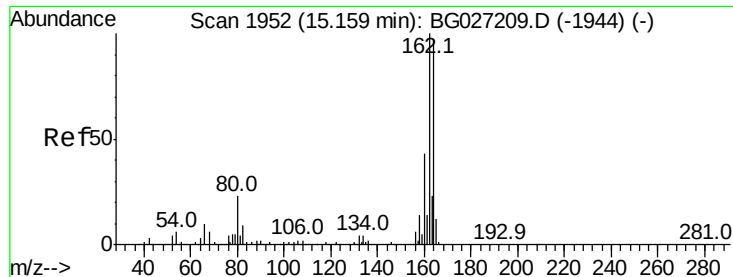
#23
Nitrobenzene-d5
Concen: 90.12 ng
RT: 9.73 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG027240.D
Acq: 6 Jun 2017 9:02

Tgt Ion: 82	Resp:	342962
Ion Ratio	Lower	Upper
82	100	
128	42.8	26.4 39.6#
54	50.1	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: 15.15 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG027240.D

Acq: 6 Jun 2017 9:02

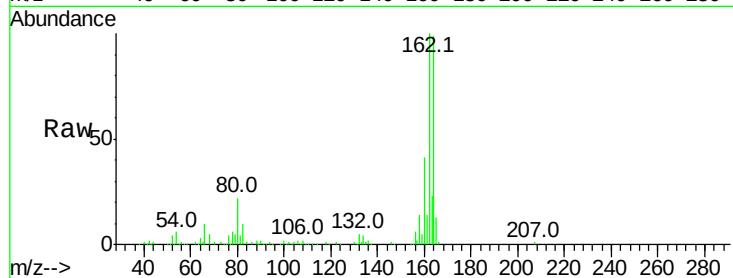
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 157617

Ion	Ratio	Lower	Upper
164	100		
162	100.9	85.1	127.7
160	41.4	34.7	52.1

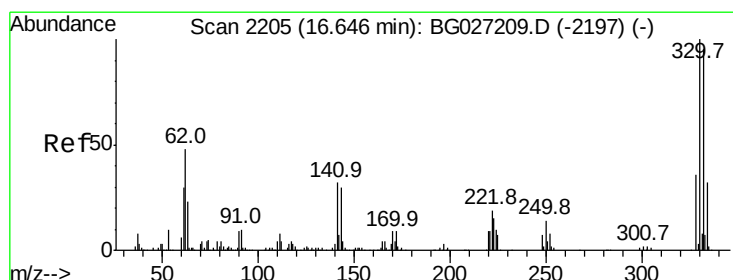
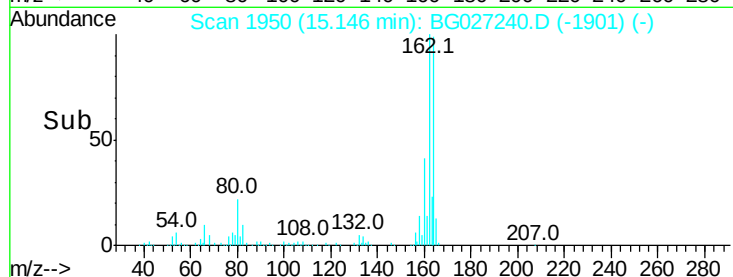
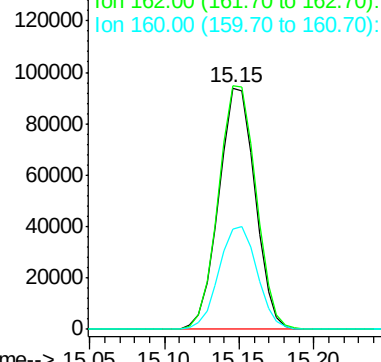


Abundance

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: 136.78 ng

RT: 16.63 min Scan# 2203

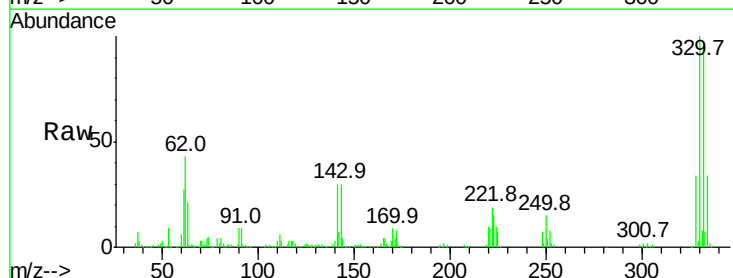
Delta R.T. -0.01 min

Lab File: BG027240.D

Acq: 6 Jun 2017 9:02

Tgt Ion:330 Resp: 283895

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	32.2	32.1	48.1

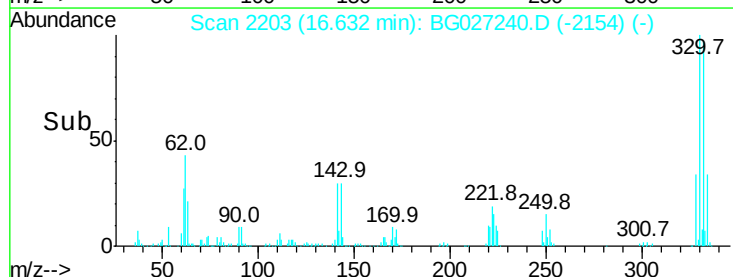
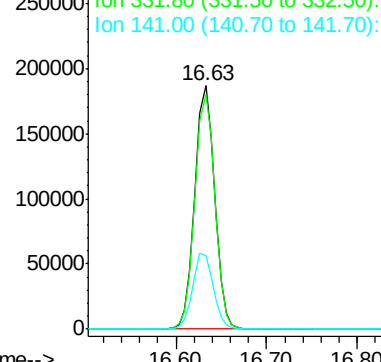


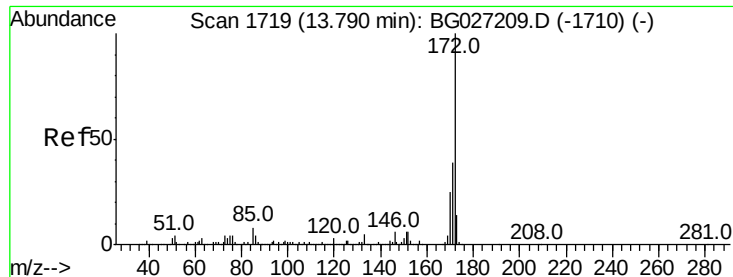
Abundance

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

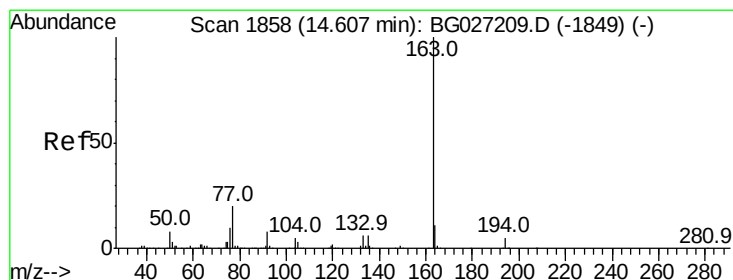
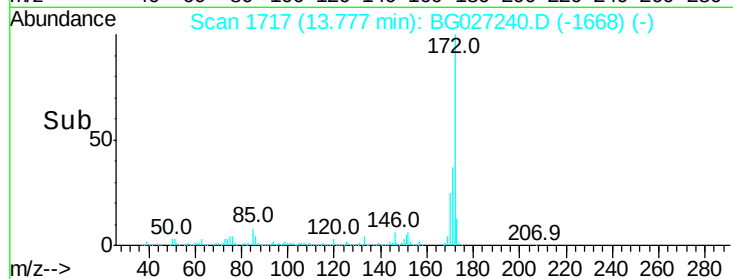
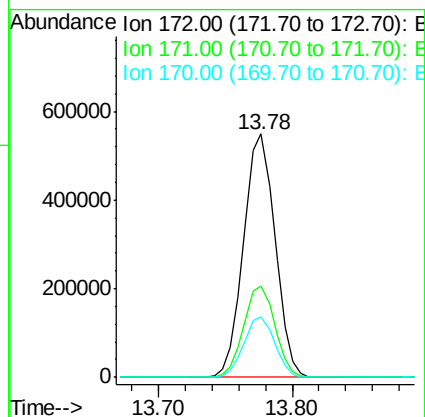
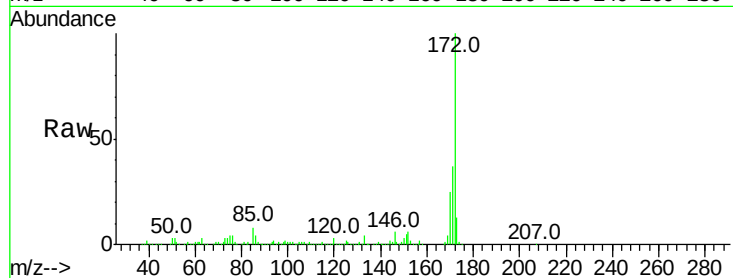




#44
2-Fluorobiphenyl
Concen: 79.43 ng
RT: 13.78 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG027240.D
Acq: 6 Jun 2017 9:02

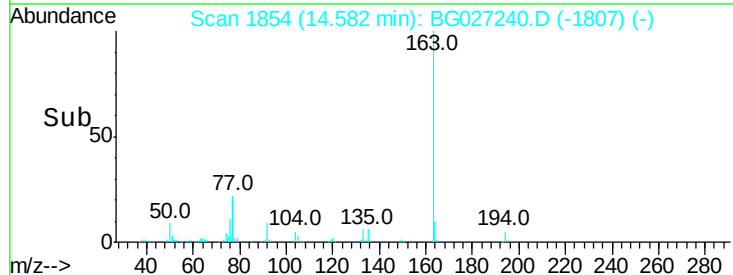
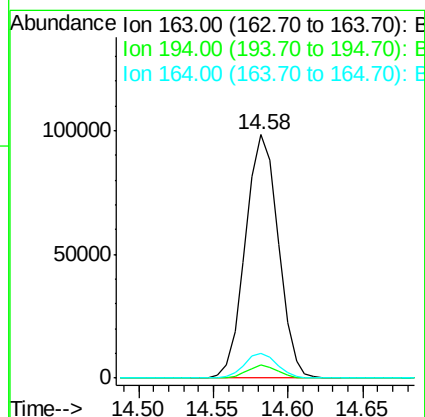
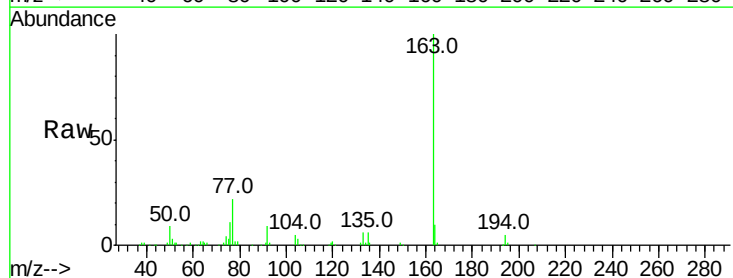
Instrument :
BNA_G
ClientSampleId :

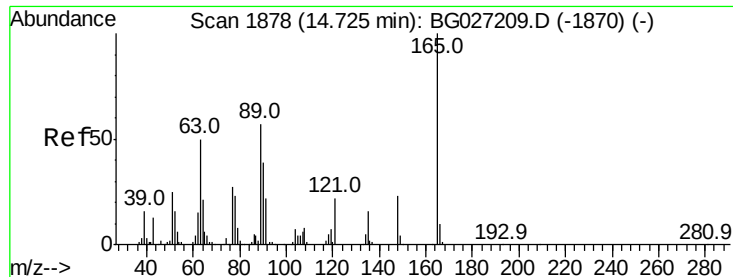
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	24.8	21.8	32.6



#49
Dimethylphthalate
Concen: 12.04 ng
RT: 14.58 min Scan# 1854
Delta R.T. -0.03 min
Lab File: BG027240.D
Acq: 6 Jun 2017 9:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.8	5.6
164	10.0	9.3	13.9

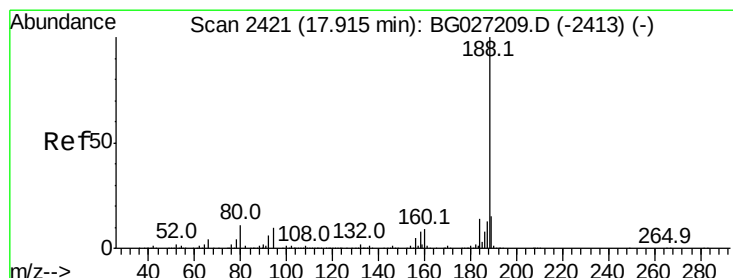
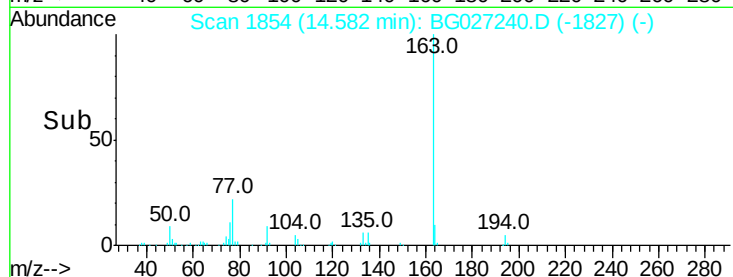
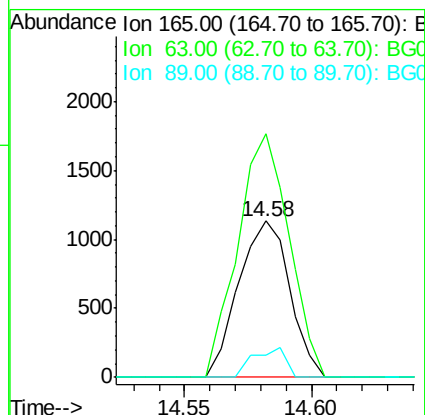
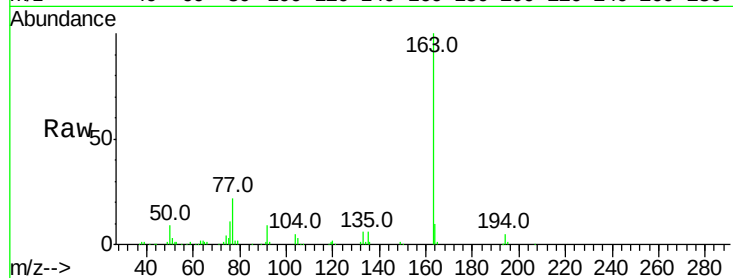




#50
2,6-Dinitrotoluene
Concen: 6.17 ng
RT: 14.58 min Scan# 1854
Delta R.T. -0.14 min
Lab File: BG027240.D
Acq: 6 Jun 2017 9:02

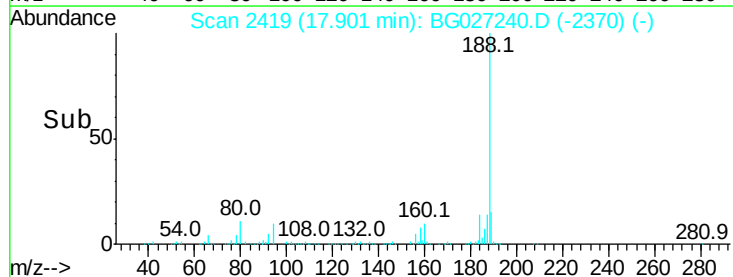
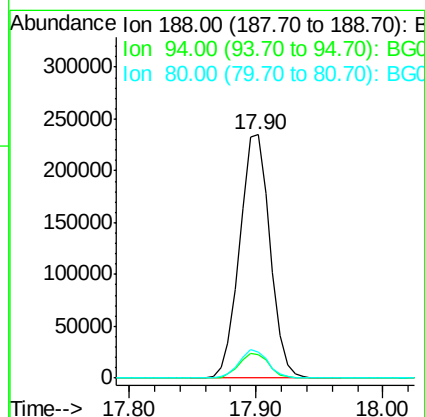
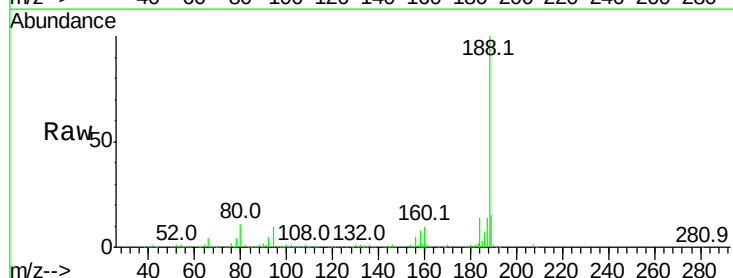
Instrument :
BNA_G
ClientSampleId :

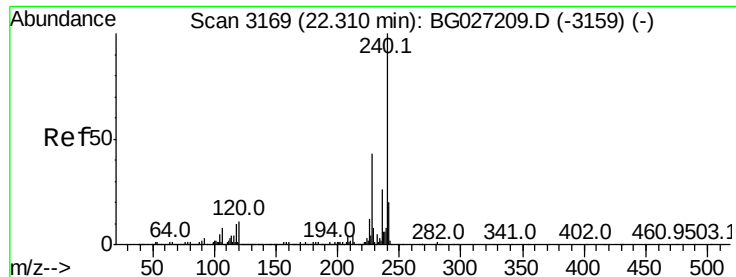
Tot Ion:165 Resp: 1588
Ion Ratio Lower Upper
165 100
63 156.1 63.9 95.9#
89 14.2 58.6 88.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027240.D
Acq: 6 Jun 2017 9:02

Tgt Ion:188 Resp: 388502
Ion Ratio Lower Upper
188 100
94 9.7 5.8 8.8#
80 10.7 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.29 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG027240.D

Acq: 6 Jun 2017 9:02

Instrument :

BNA_G

ClientSampleId :

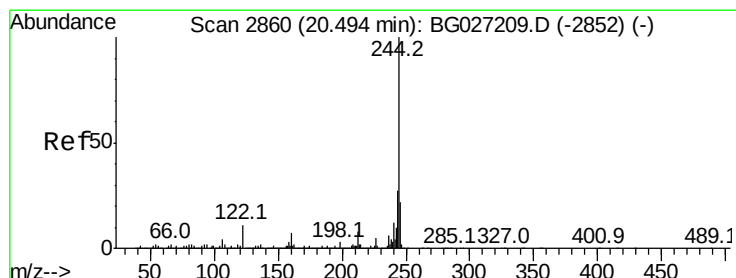
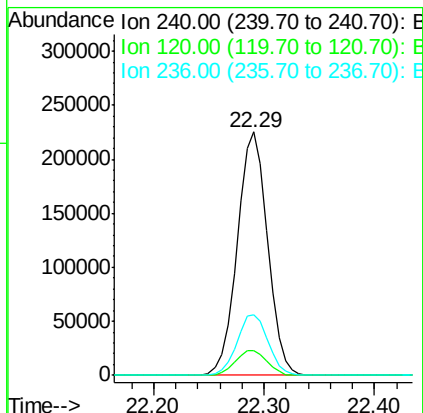
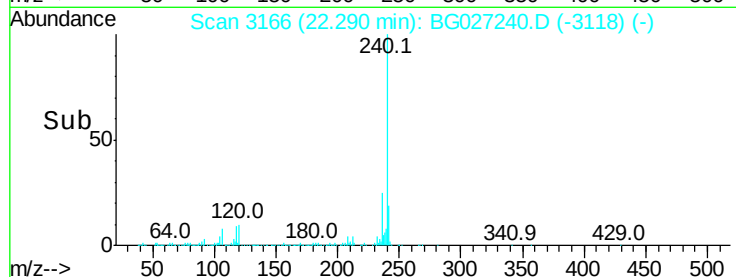
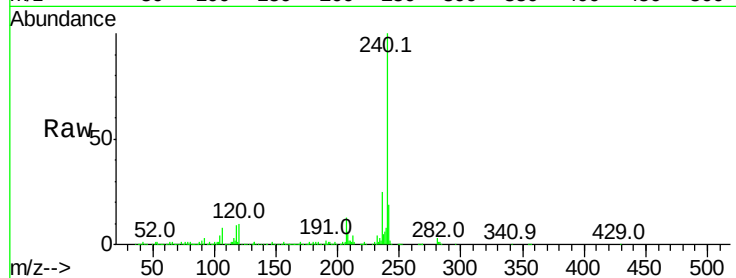
Tot Ion:240 Resp: 433593

Ion Ratio Lower Upper

240 100

120 10.2 5.7 8.5#

236 25.1 22.2 33.4



#78

Terphenyl-d14

Concen: 81.35 ng

RT: 20.48 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG027240.D

Acq: 6 Jun 2017 9:02

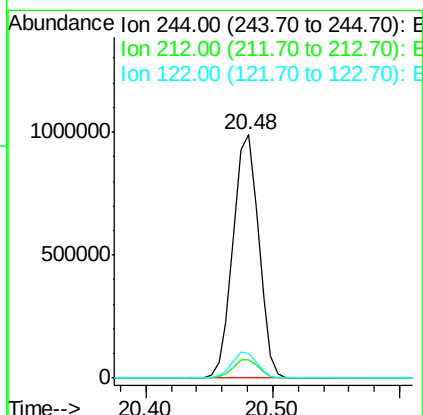
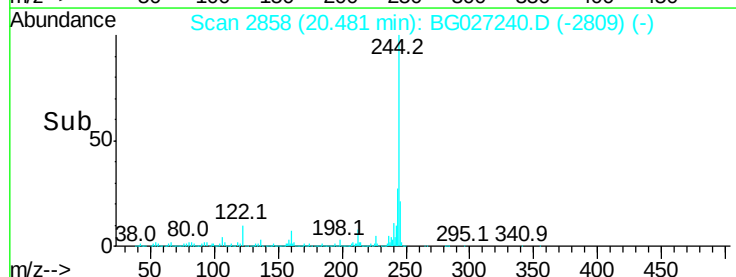
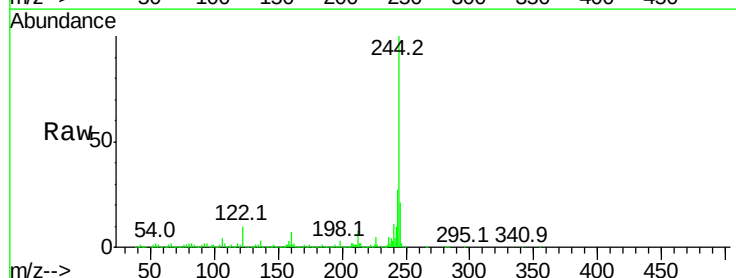
Tgt Ion:244 Resp: 1382620

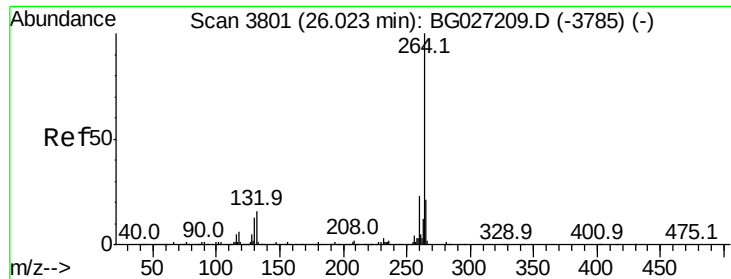
Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 10.4 8.6 12.8





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.99 min Scan# 3796
 Delta R.T. -0.03 min
 Lab File: BG027240.D
 Acq: 6 Jun 2017 9:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.1	18.2	27.4

