

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027243.D
 Acq On : 6 Jun 2017 11:00
 Operator : SJ/MA
 Sample : I3436-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 18:04:33 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

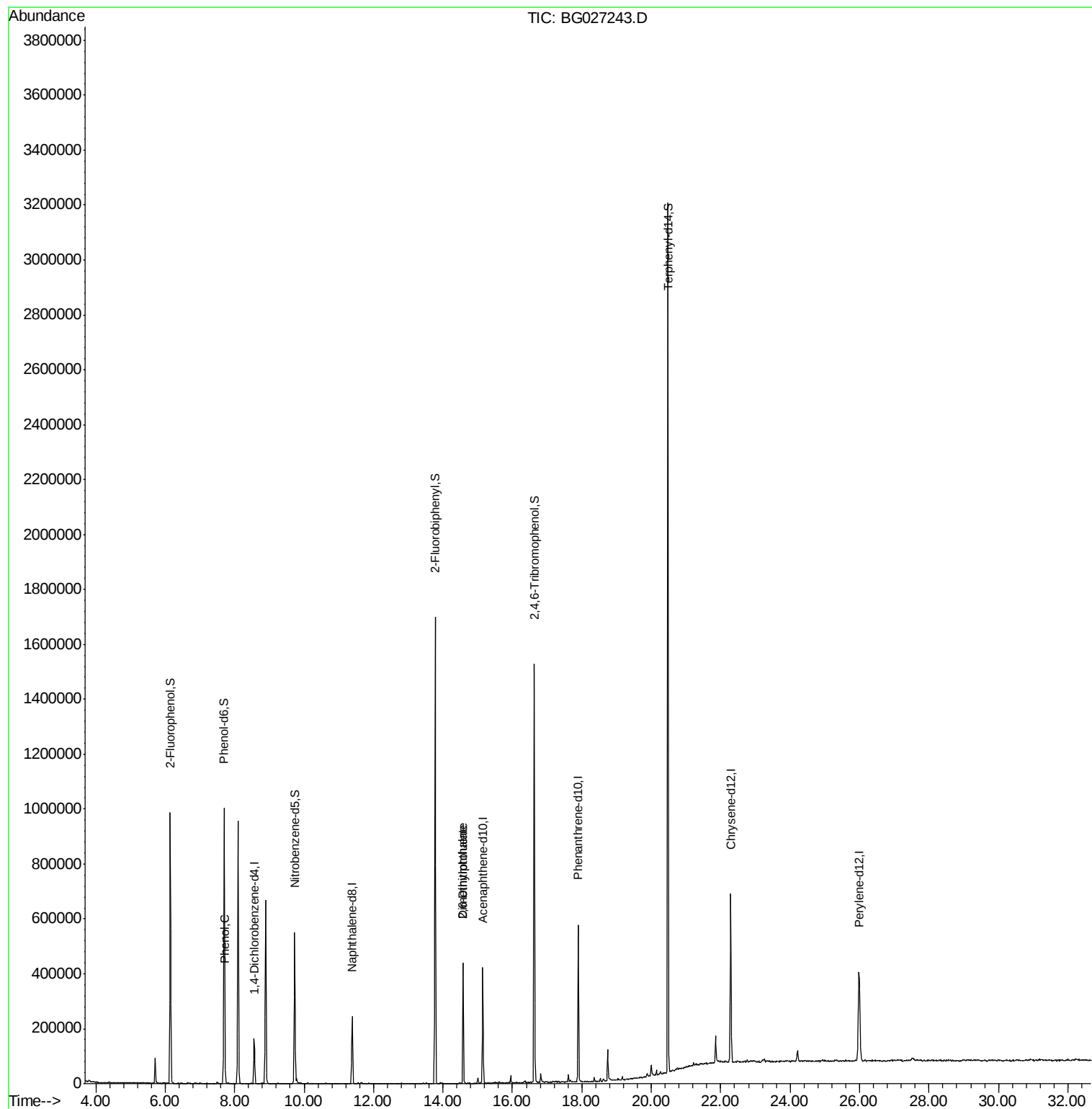
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	49054	20.00	ng	-0.01
21) Naphthalene-d8	11.38	136	226430	20.00	ng	-0.01
38) Acenaphthene-d10	15.14	164	151812	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	381068	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	431017	20.00	ng	-0.02
86) Perylene-d12	25.99	264	406352	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	478361	148.81	ng	0.00
7) Phenol-d6	7.70	99	676246	143.31	ng	0.00
23) Nitrobenzene-d5	9.73	82	364413	101.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	315650	157.90	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	931609	85.85	ng	-0.01
78) Terphenyl-d14	20.48	244	1442696	85.39	ng	-0.01
Target Compounds						
10) Phenol	7.72	94	10477	2.17	ng	Qvalue 89
49) Dimethylphthalate	14.58	163	304106	25.25	ng	97
50) 2,6-Dinitrotoluene	14.58	165	3436	6.85	ng	# 38

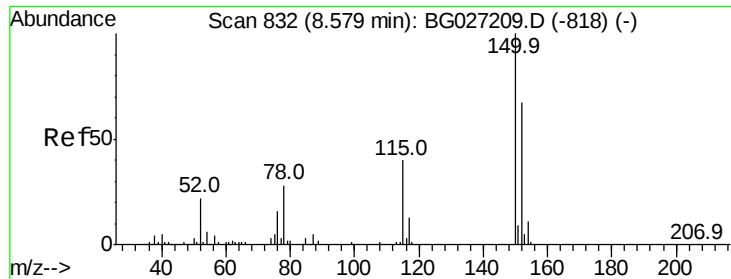
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027243.D

Acq: 6 Jun 2017 11:00

Instrument :

BNA_G

ClientSampled :

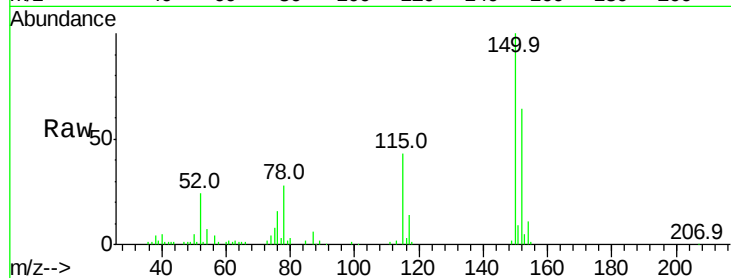
Tot Ion:152 Resp: 49054

Ion Ratio Lower Upper

152 100

150 155.8 114.0 171.0

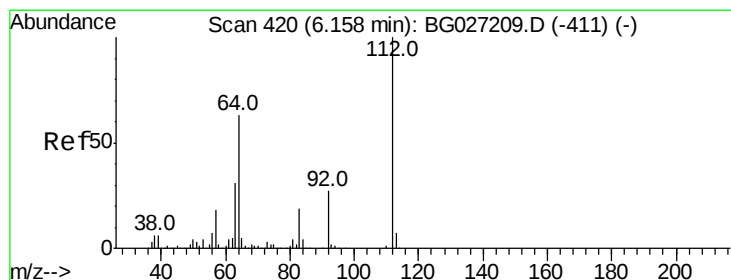
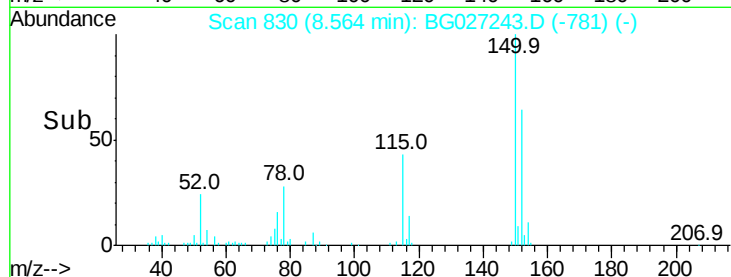
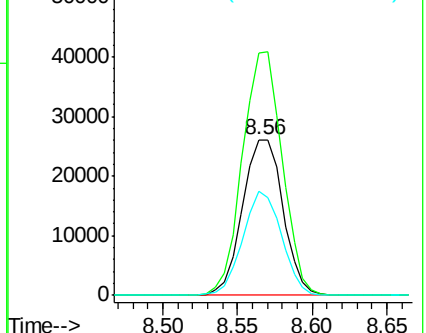
115 67.0 48.1 72.1



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: 148.81 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027243.D

Acq: 6 Jun 2017 11:00

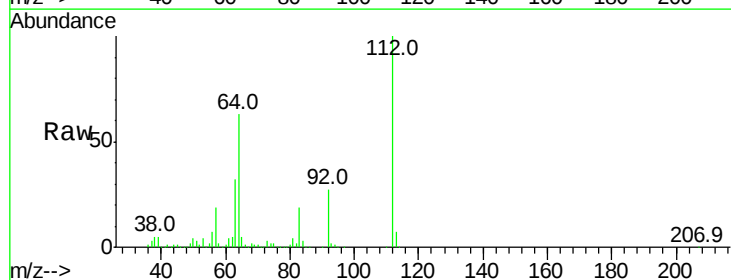
Tgt Ion:112 Resp: 478361

Ion Ratio Lower Upper

112 100

64 63.3 61.8 92.6

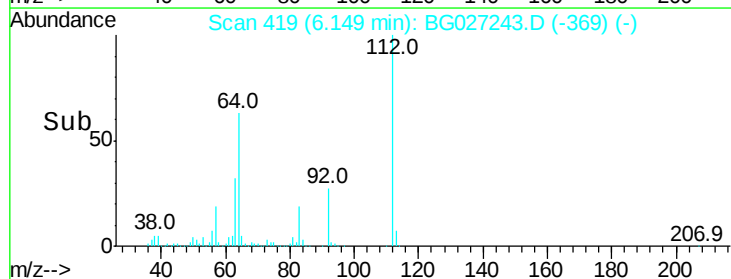
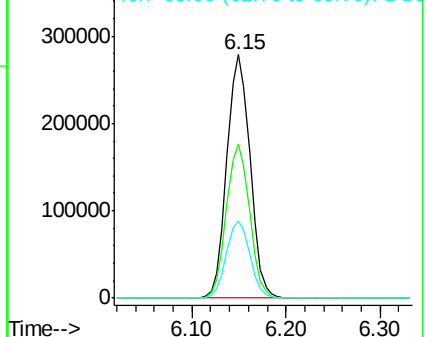
63 31.6 37.2 55.8#

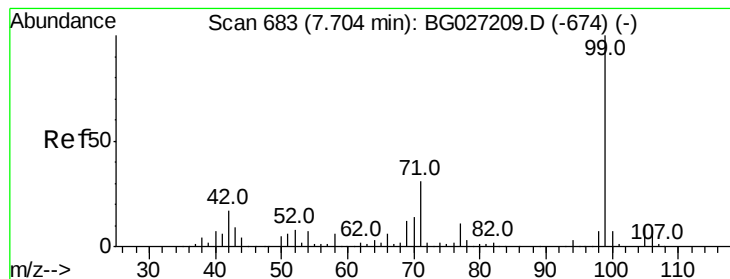


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.31 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027243.D

Acq: 6 Jun 2017 11:00

Instrument :

BNA_G

ClientSampled :

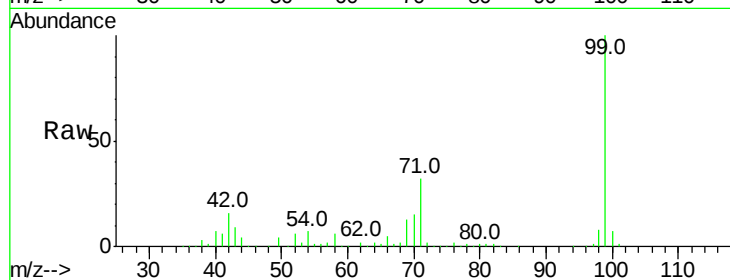
Tot Ion: 99 Resp: 676246

Ion Ratio Lower Upper

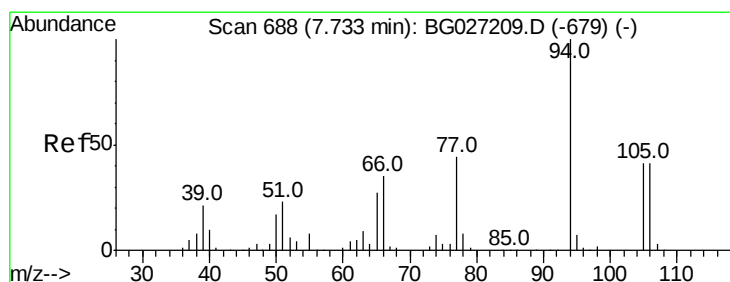
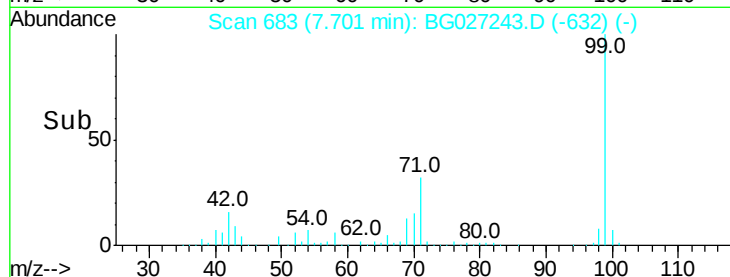
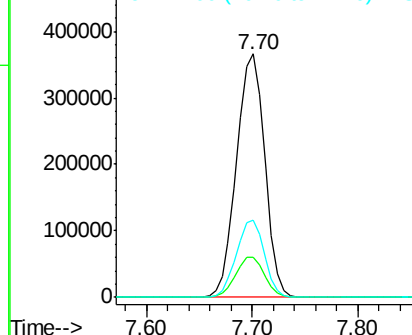
99 100

42 16.4 20.5 30.7#

71 31.8 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: 2.17 ng

RT: 7.72 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027243.D

Acq: 6 Jun 2017 11:00

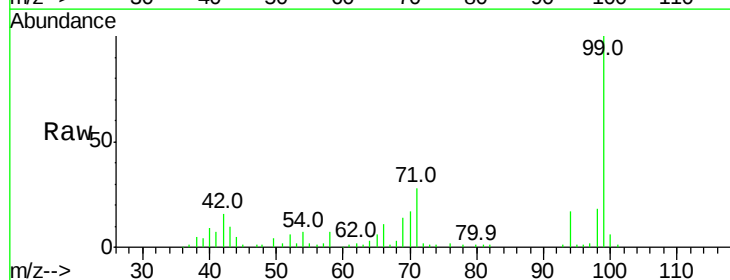
Tgt Ion: 94 Resp: 10477

Ion Ratio Lower Upper

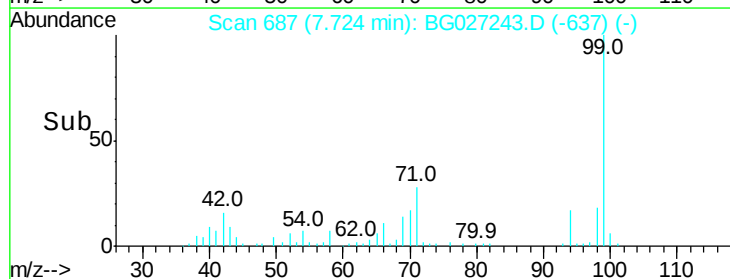
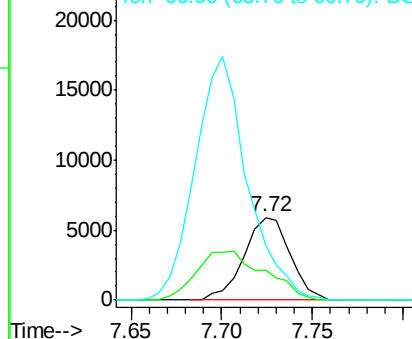
94 100

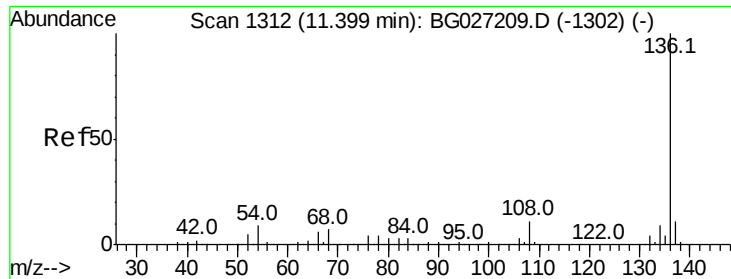
65 36.3 20.6 60.6

66 65.6 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

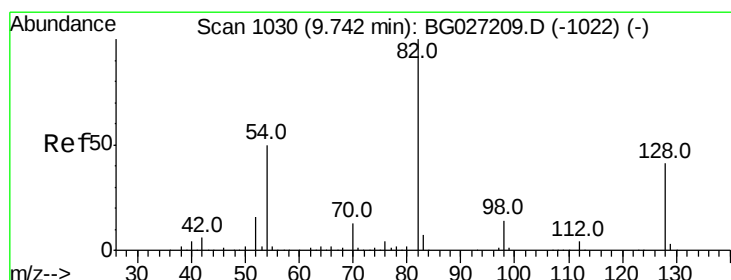
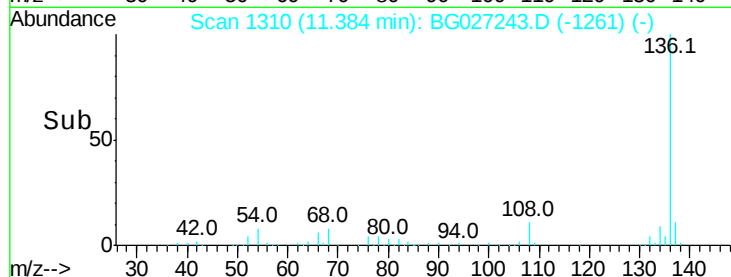
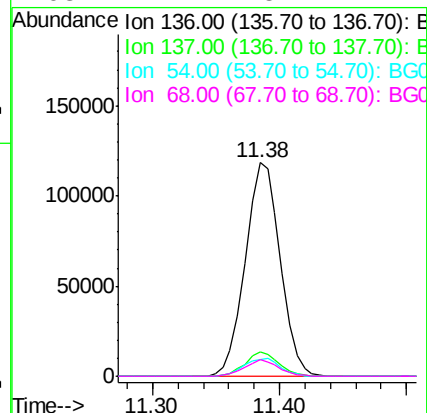
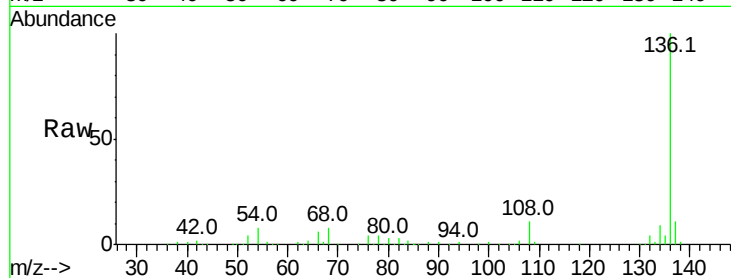




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.38 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027243.D
Acq: 6 Jun 2017 11:00

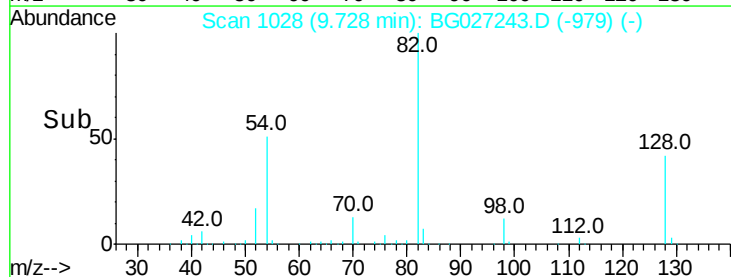
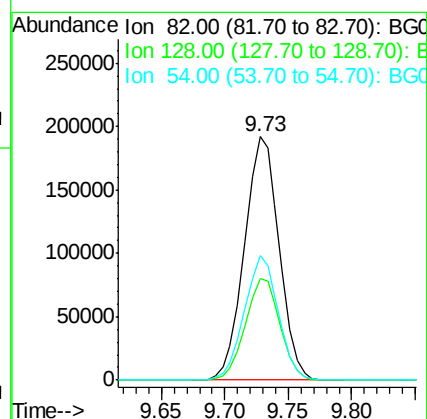
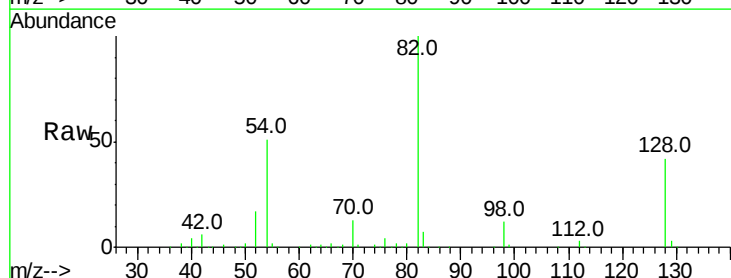
Instrument :
BNA_G
ClientSampleId :

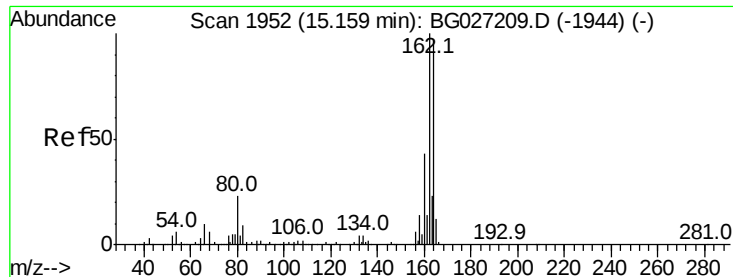
Tot Ion:	136	Resp:	226430
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	9.3	13.9#
68	7.7	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 101.21 ng
RT: 9.73 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG027243.D
Acq: 6 Jun 2017 11:00

Tgt Ion:	82	Resp:	364413
Ion	Ratio	Lower	Upper
82	100		
128	41.6	26.4	39.6#
54	51.0	49.4	74.2

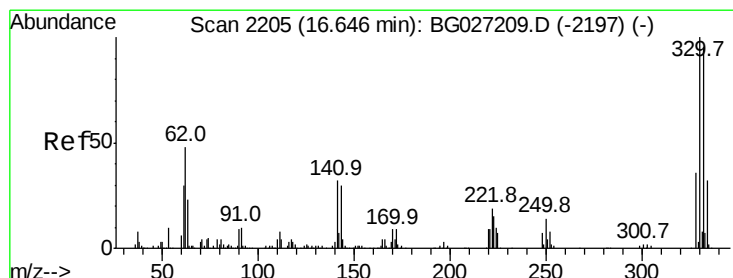
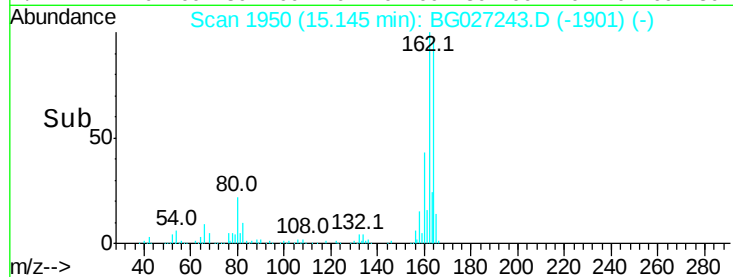
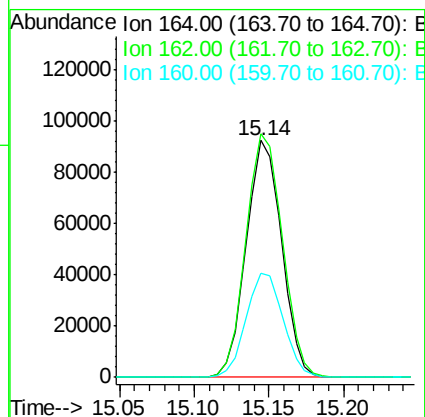
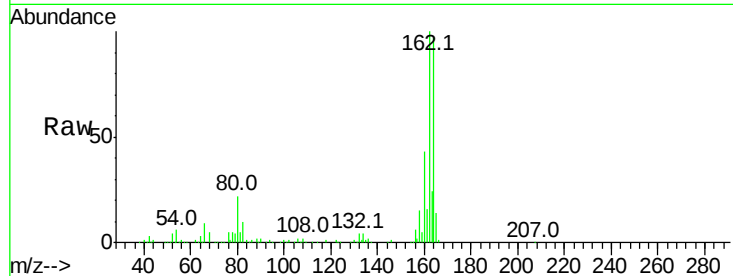




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG027243.D
Acq: 6 Jun 2017 11:00

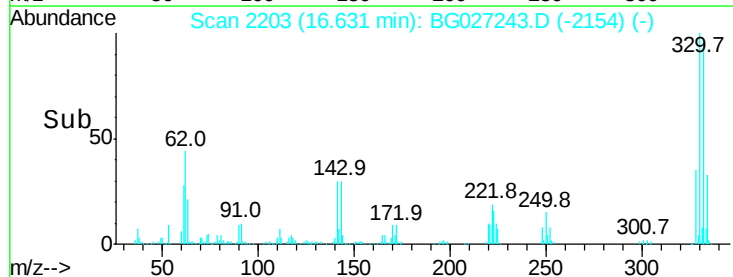
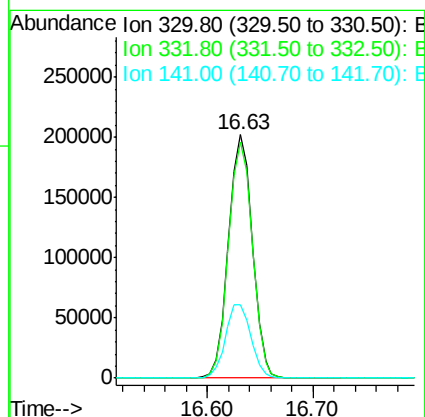
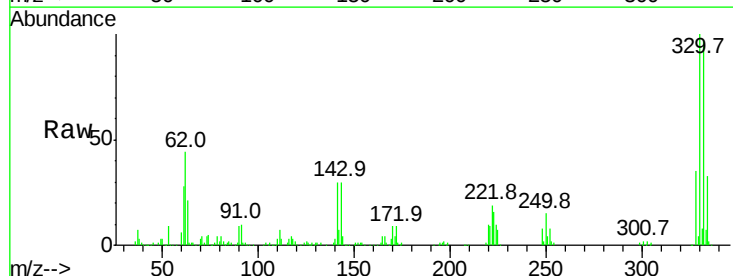
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 151812
Ion Ratio Lower Upper
164 100
162 102.8 85.1 127.7
160 44.2 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 157.90 ng
RT: 16.63 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG027243.D
Acq: 6 Jun 2017 11:00

Tgt Ion:330 Resp: 315650
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 32.4 32.1 48.1

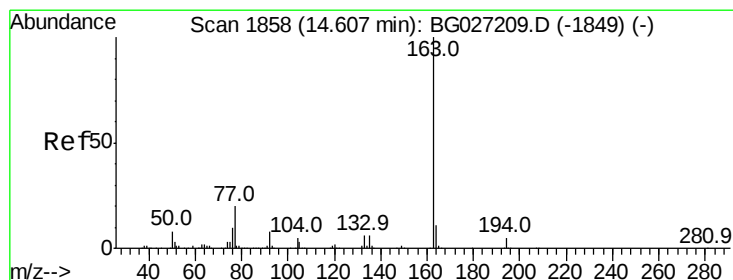
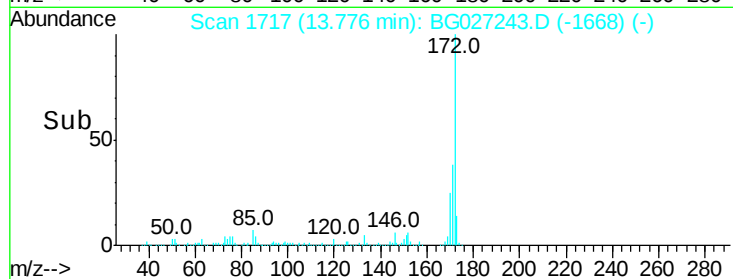
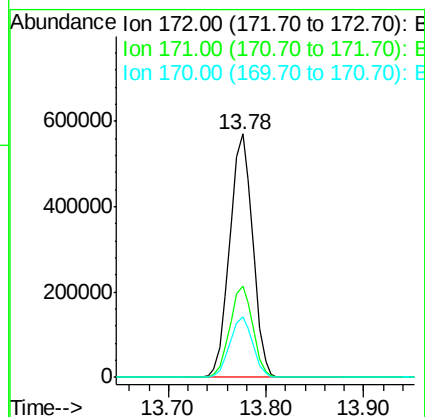
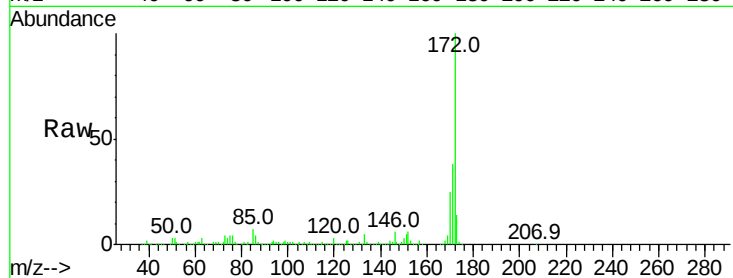




#44
2-Fluorobiphenyl
Concen: 85.85 ng
RT: 13.78 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG027243.D
Acq: 6 Jun 2017 11:00

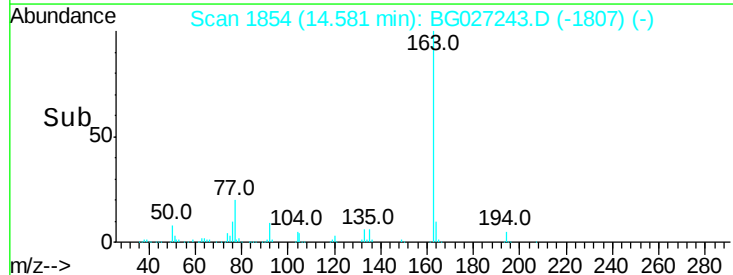
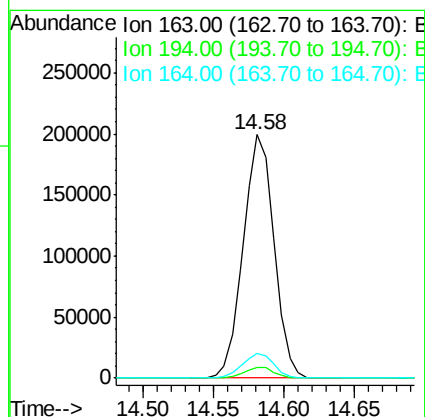
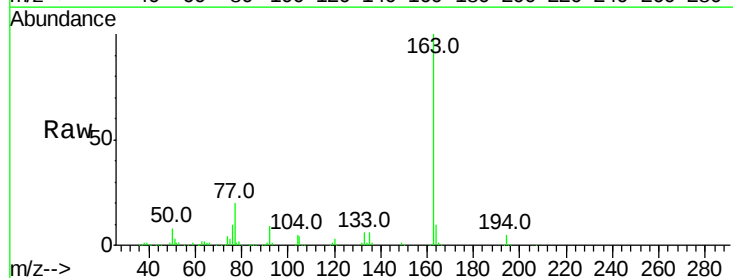
Instrument :
BNA_G
ClientSampleId :

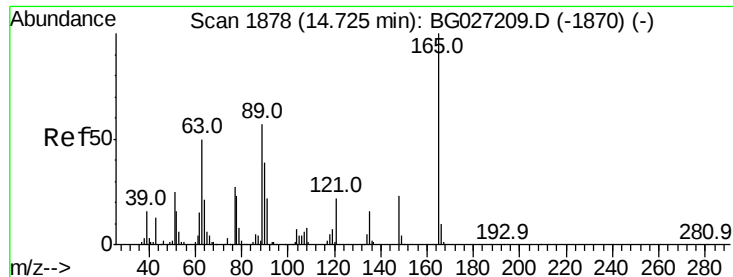
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	25.0	21.8	32.6



#49
Dimethylphthalate
Concen: 25.25 ng
RT: 14.58 min Scan# 1854
Delta R.T. -0.03 min
Lab File: BG027243.D
Acq: 6 Jun 2017 11:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	10.3	9.3	13.9

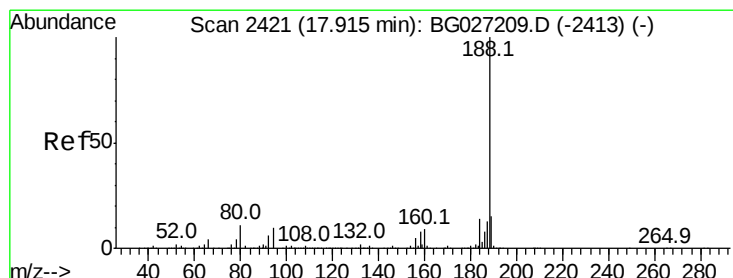
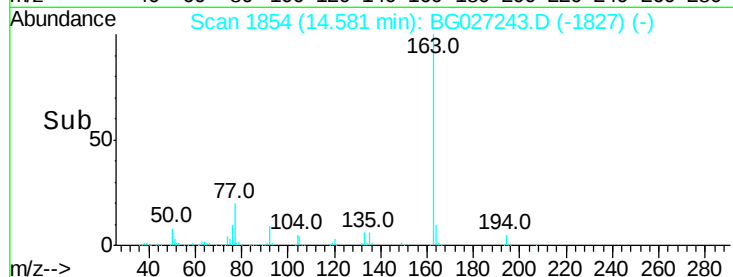
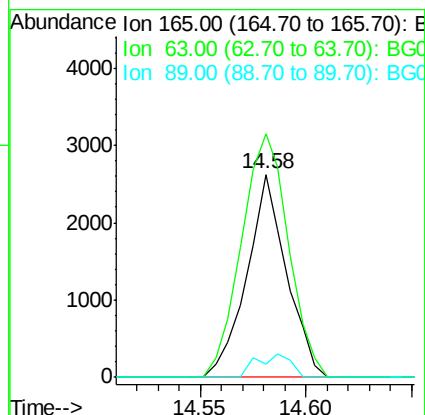
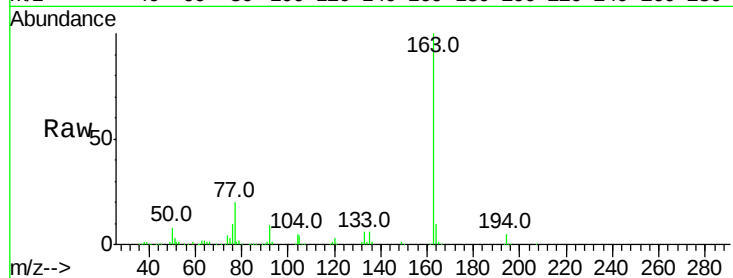




#50
2,6-Dinitrotoluene
Concen: 6.85 ng
RT: 14.58 min Scan# 1854
Delta R.T. -0.14 min
Lab File: BG027243.D
Acq: 6 Jun 2017 11:00

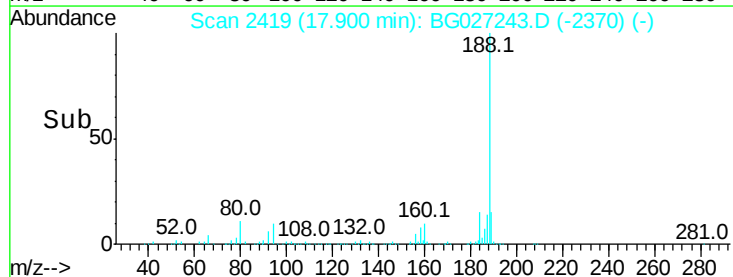
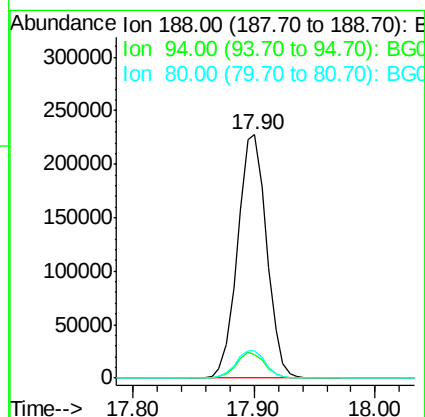
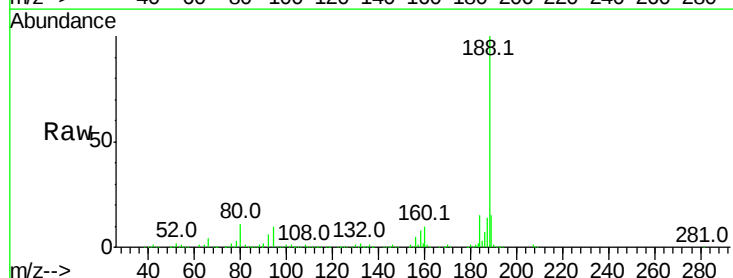
Instrument :
BNA_G
ClientSampleId :

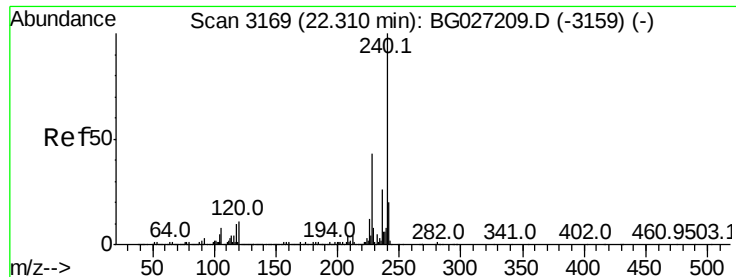
Tot Ion:165 Resp: 3436
Ion Ratio Lower Upper
165 100
63 120.0 63.9 95.9#
89 6.7 58.6 88.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027243.D
Acq: 6 Jun 2017 11:00

Tgt Ion:188 Resp: 381068
Ion Ratio Lower Upper
188 100
94 9.8 5.8 8.8#
80 11.2 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: BG027243.D

Acq: 6 Jun 2017 11:00

Instrument :

BNA_G

ClientSampleId :

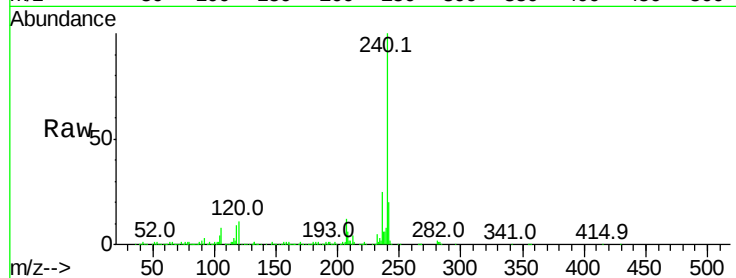
Tot Ion:240 Resp: 431017

Ion Ratio Lower Upper

240 100

120 10.5 5.7 8.5#

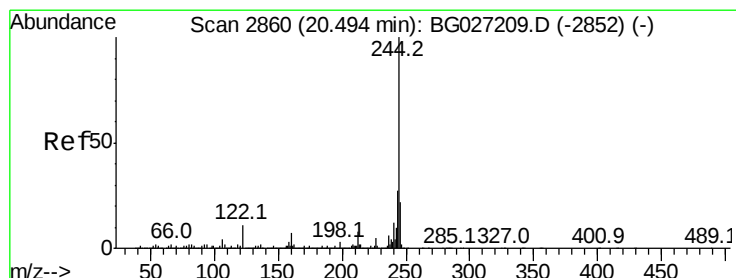
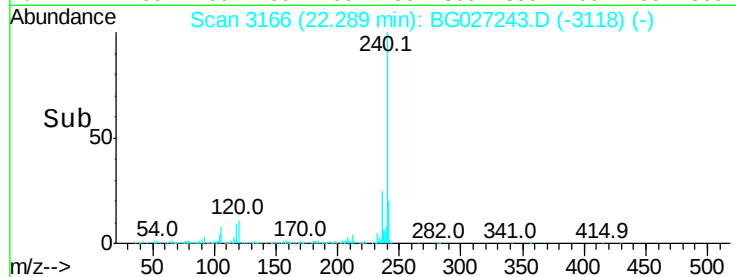
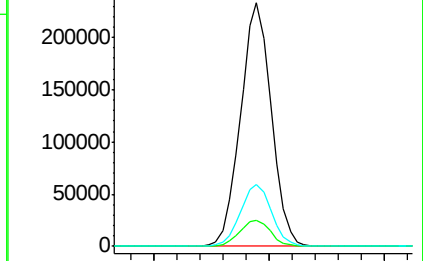
236 25.4 22.2 33.4



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: 85.39 ng

RT: 20.48 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG027243.D

Acq: 6 Jun 2017 11:00

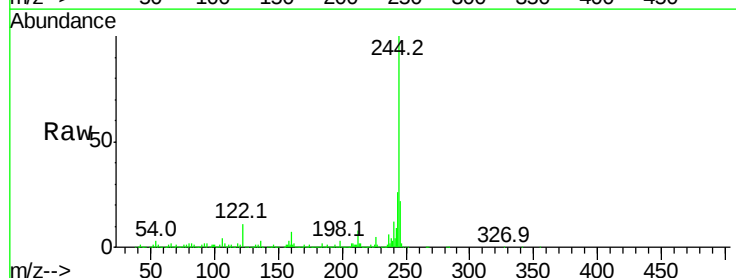
Tgt Ion:244 Resp: 1442696

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

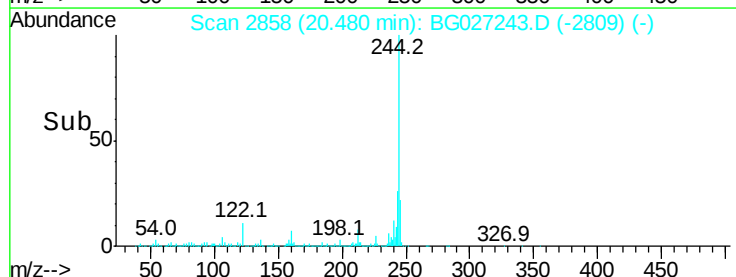
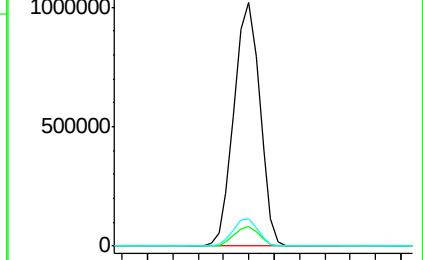
122 11.2 8.6 12.8

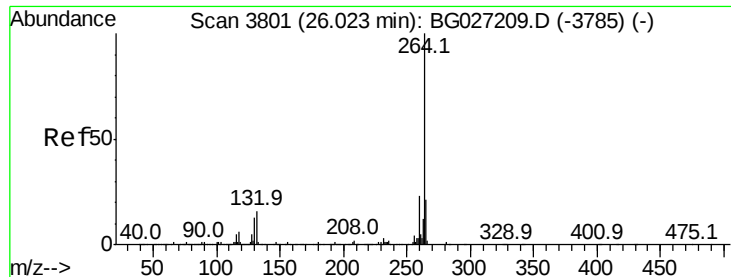


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.99 min Scan# 3795
Delta R.T. -0.04 min
Lab File: BG027243.D
Acq: 6 Jun 2017 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	22.6	18.2	27.4

