

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027231.D
 Acq On : 6 Jun 2017 3:07
 Operator : SJ/MA
 Sample : I3407-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 04:08:15 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

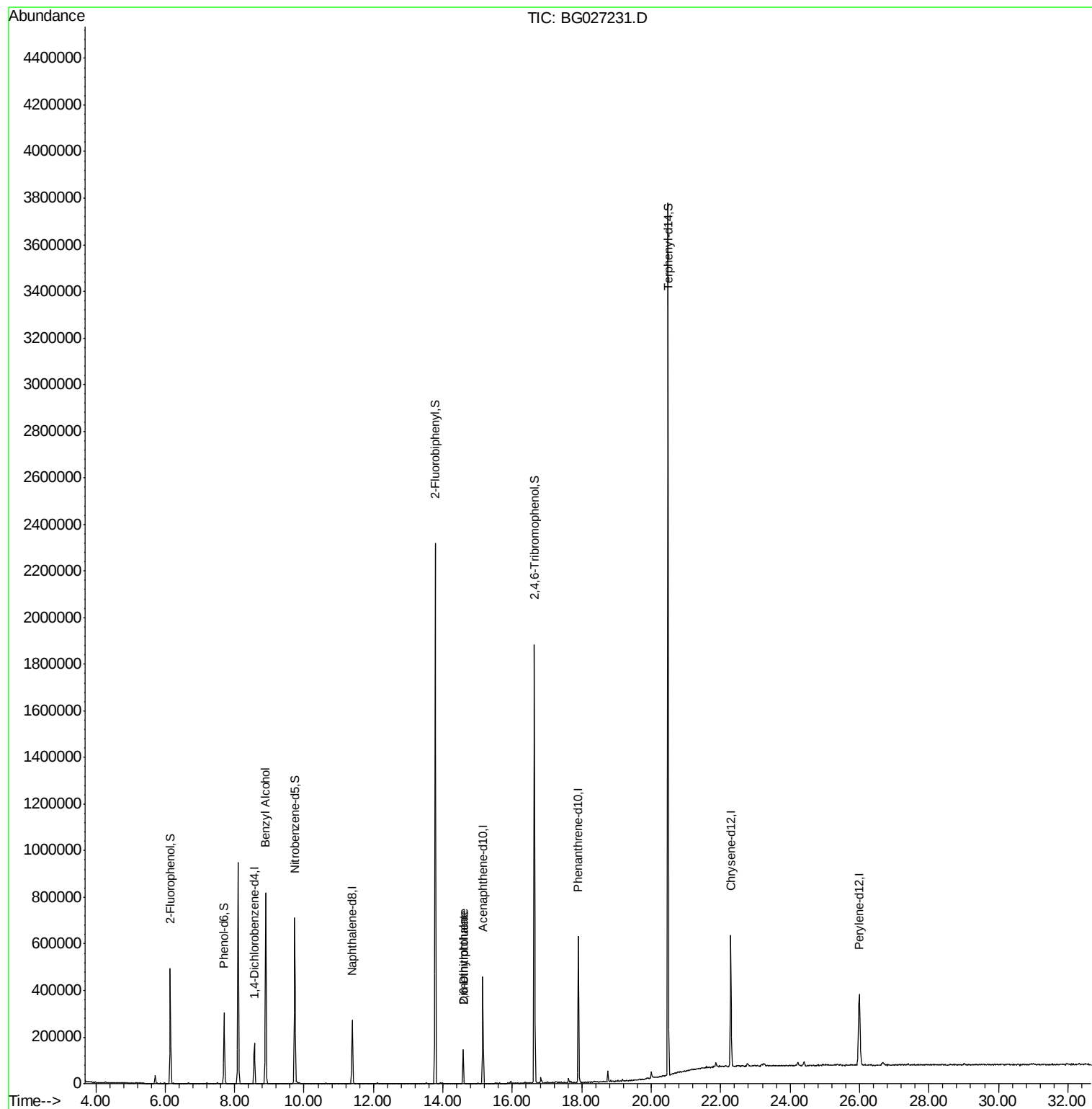
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	52483	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	251483	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	168635	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	405450	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	397020	20.00	ng	-0.02
86) Perylene-d12	25.99	264	379600	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	238599	69.37	ng	0.00
7) Phenol-d6	7.70	99	202542	40.12	ng	0.00
23) Nitrobenzene-d5	9.73	82	465109	116.31	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	399707	180.00	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	1256649	104.25	ng	-0.01
78) Terphenyl-d14	20.48	244	1683341	108.16	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.89	79	7397	2.08	ng	# 52
49) Dimethylphthalate	14.59	163	104295	7.80	ng	96
50) 2,6-Dinitrotoluene	14.58	165	1107	5.97	ng	# 42

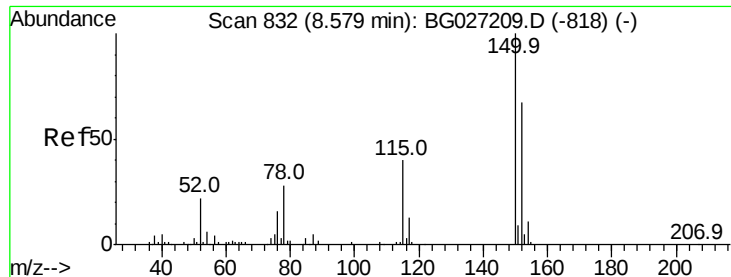
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

Instrument :

BNA_G

ClientSampled :

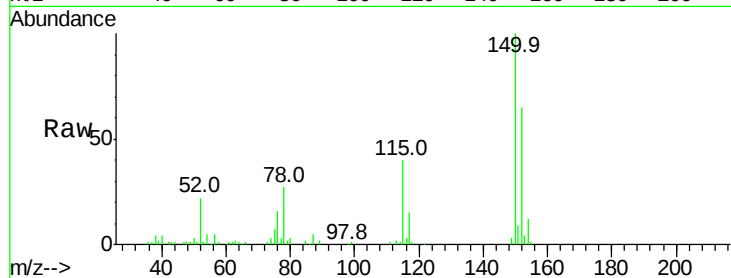
Tot Ion:152 Resp: 52483

Ion Ratio Lower Upper

152 100

150 153.7 114.0 171.0

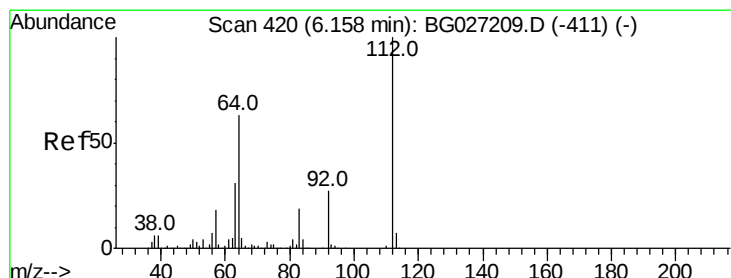
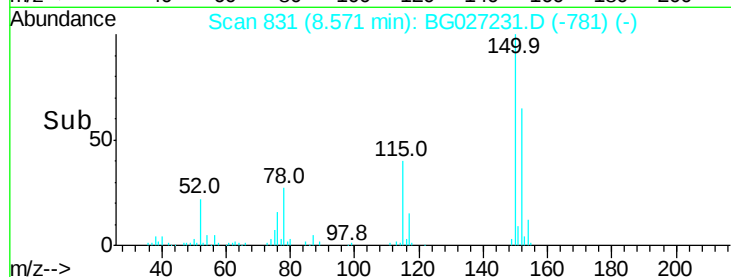
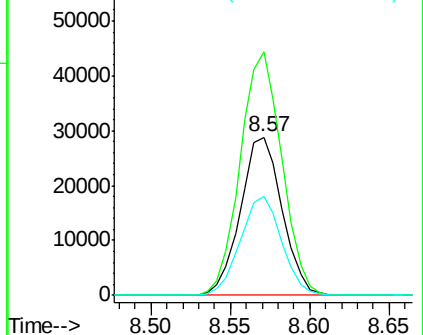
115 62.1 48.1 72.1



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: 69.37 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

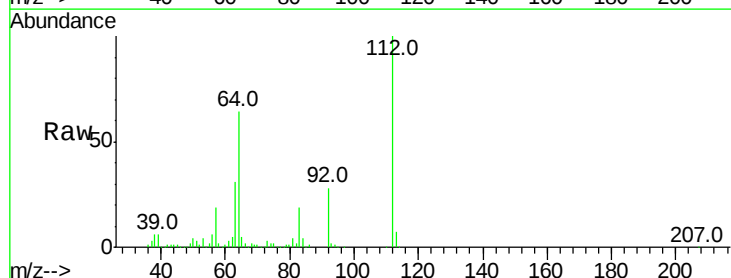
Tgt Ion:112 Resp: 238599

Ion Ratio Lower Upper

112 100

64 64.0 61.8 92.6

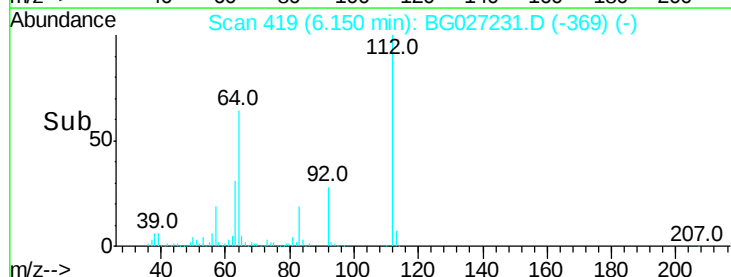
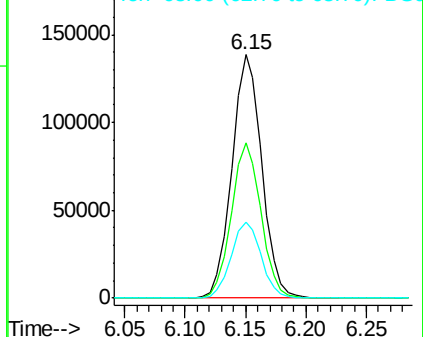
63 31.4 37.2 55.8#

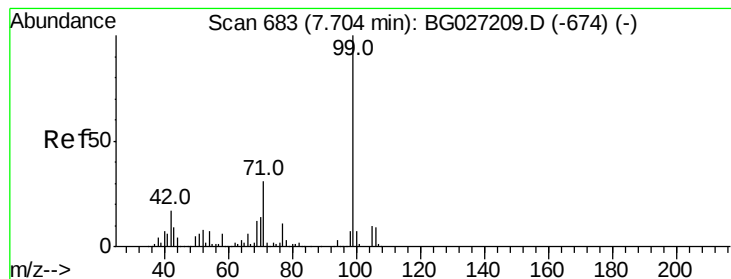


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.12 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

Instrument :

BNA_G

ClientSampled :

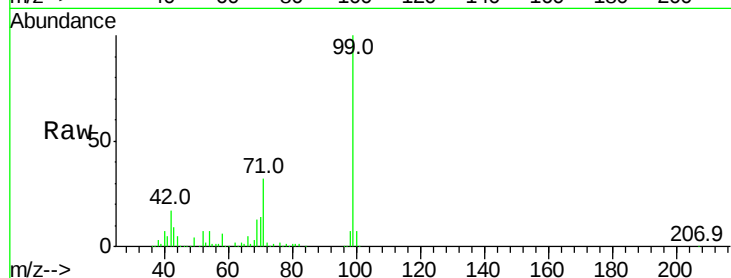
Tot Ion: 99 Resp: 202542

Ion Ratio Lower Upper

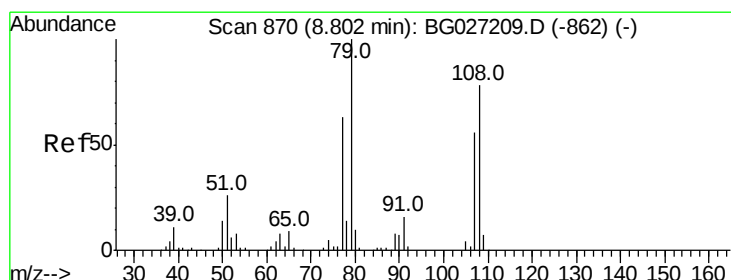
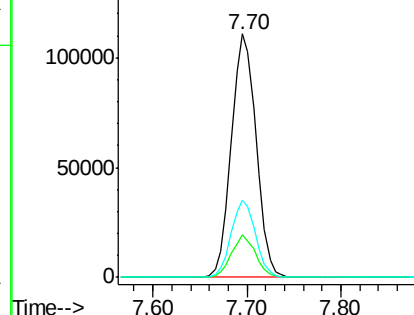
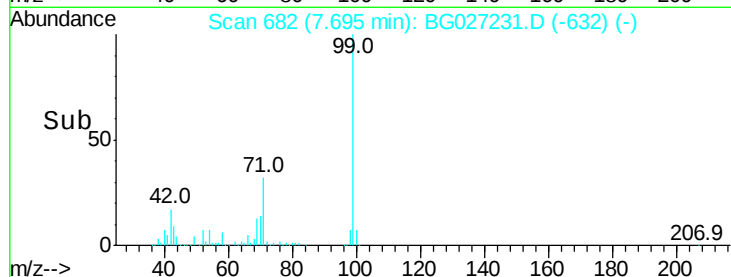
99 100

42 17.3 20.5 30.7#

71 31.6 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: 2.08 ng

RT: 8.89 min Scan# 885

Delta R.T. 0.09 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

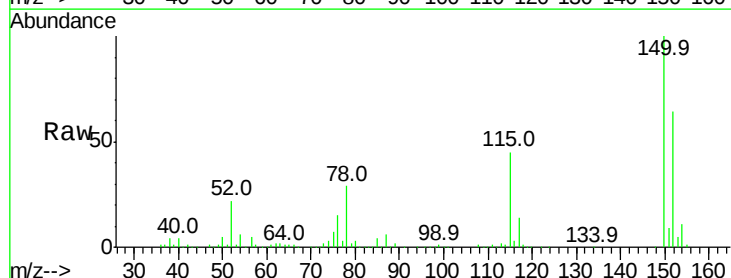
Tgt Ion: 79 Resp: 7397

Ion Ratio Lower Upper

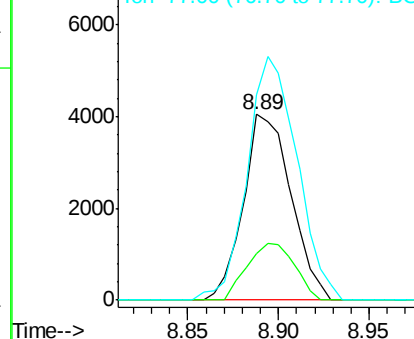
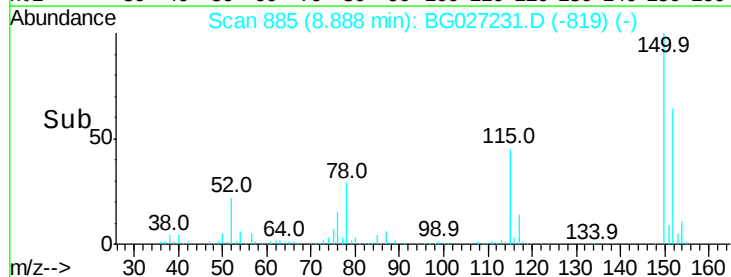
79 100

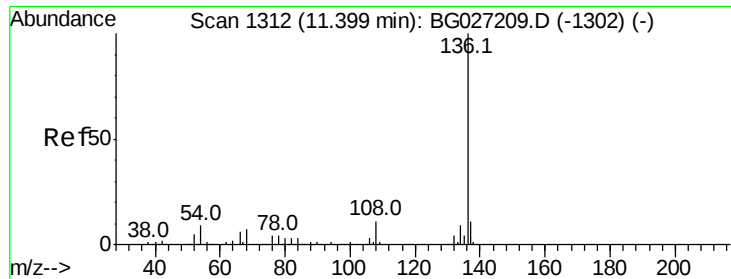
108 24.8 45.5 68.3#

77 110.3 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

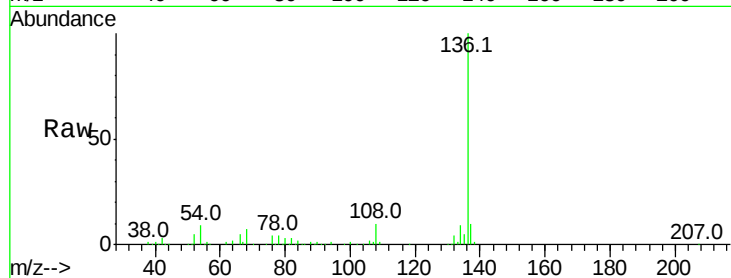




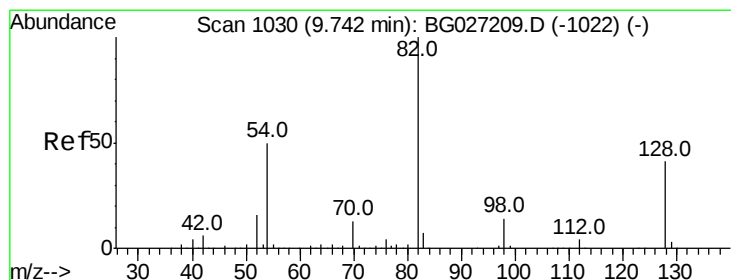
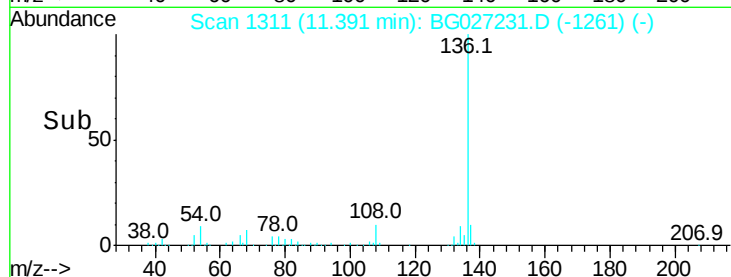
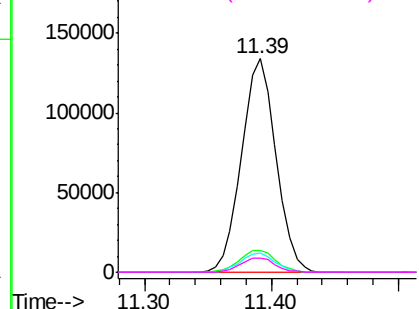
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027231.D
Acq: 6 Jun 2017 3:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	251483
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.9	9.3	13.9#
68	6.5	5.1	7.7

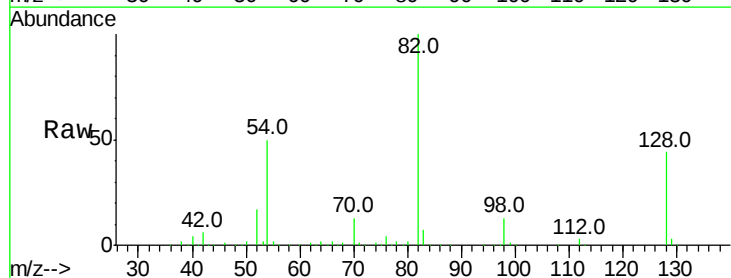


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

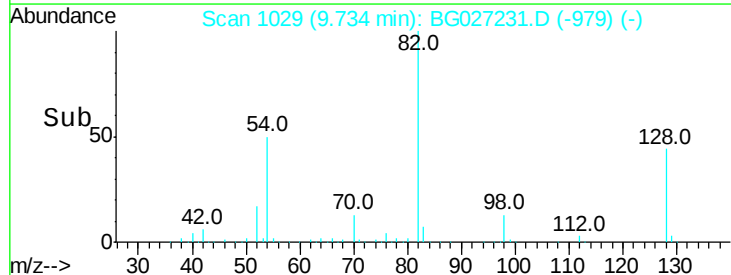
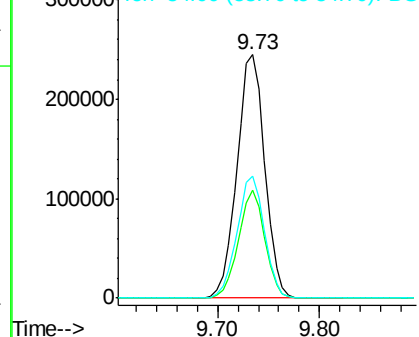


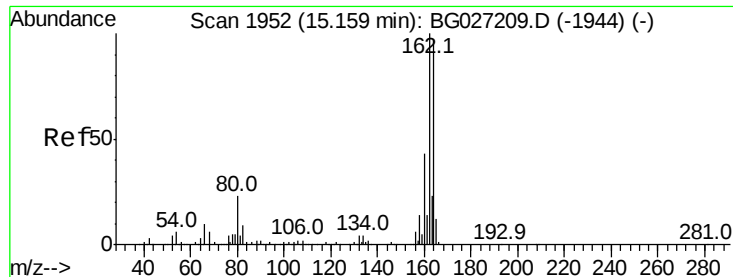
#23
Nitrobenzene-d5
Concen: 116.31 ng
RT: 9.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG027231.D
Acq: 6 Jun 2017 3:07

Tgt Ion:	82	Resp:	465109
Ion	Ratio	Lower	Upper
82	100		
128	44.3	26.4	39.6#
54	50.0	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.15 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

Instrument :

BNA_G

ClientSampleId :

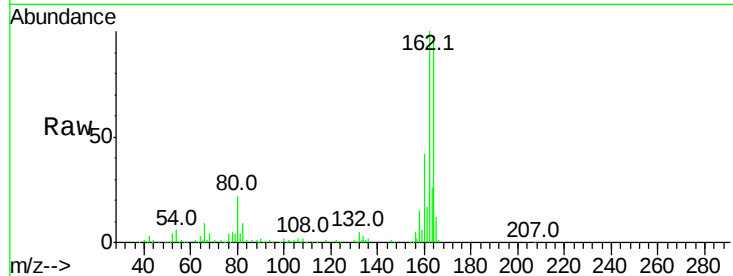
Tot Ion:164 Resp: 168635

Ion Ratio Lower Upper

164 100

162 104.0 85.1 127.7

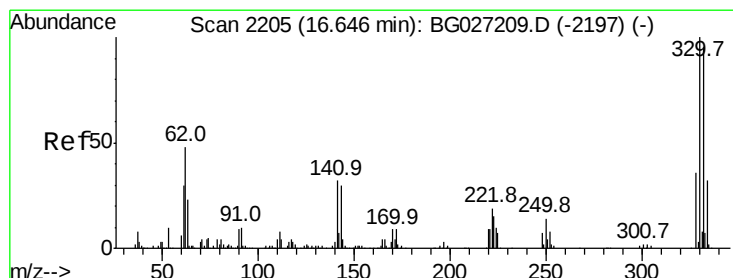
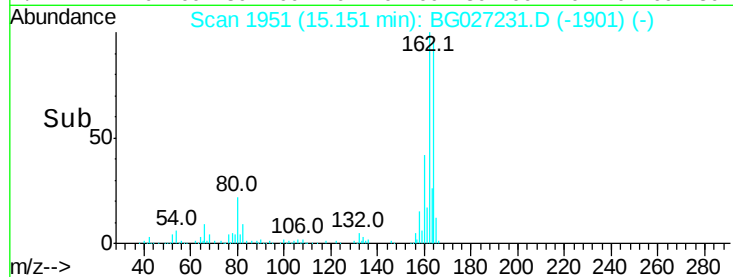
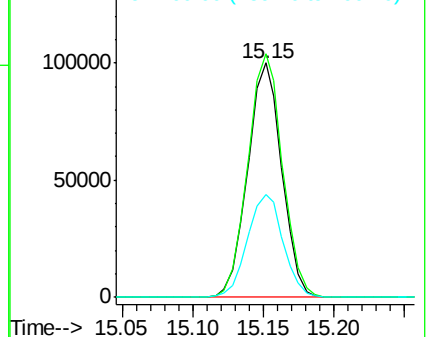
160 44.1 34.7 52.1



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: 180.00 ng

RT: 16.64 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

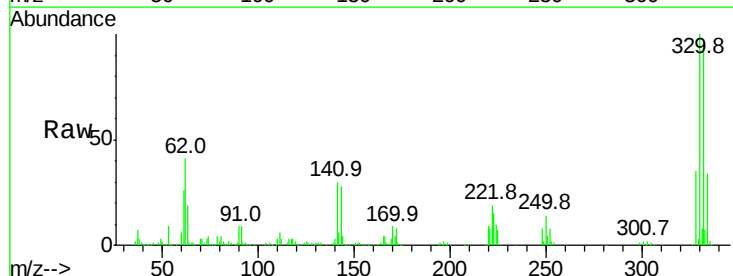
Tgt Ion:330 Resp: 399707

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

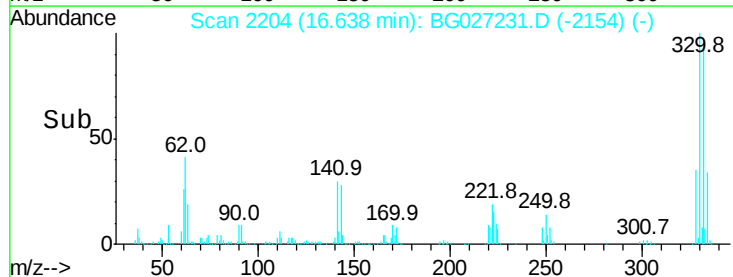
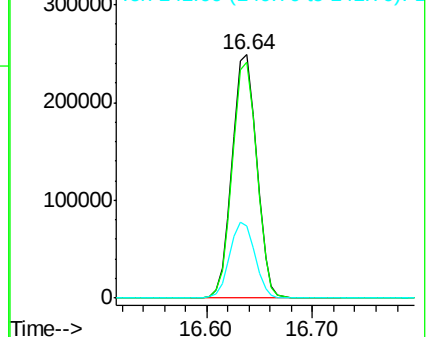
141 32.1 32.1 48.1



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

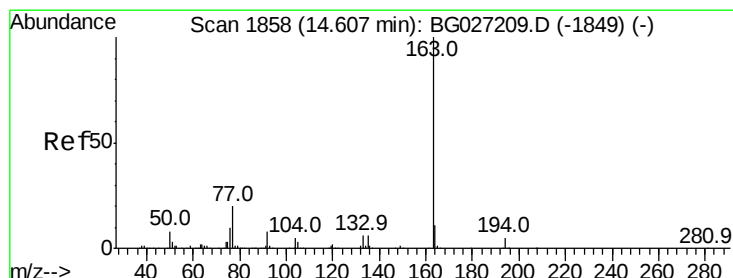
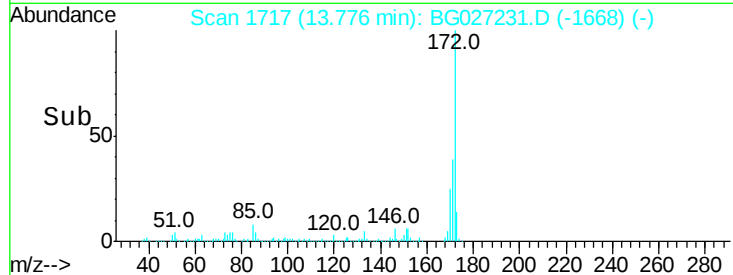
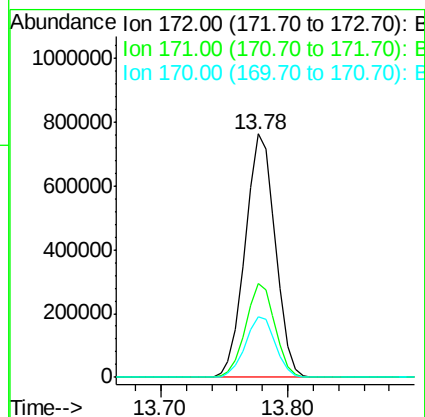
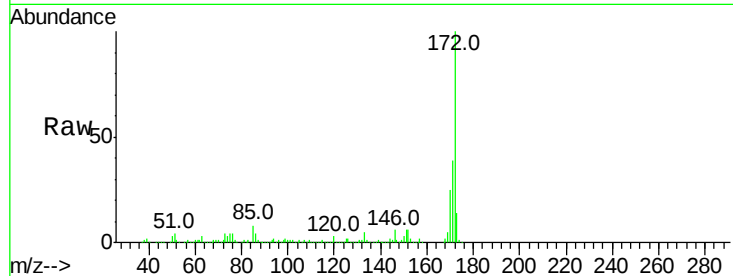




#44
2-Fluorobiphenyl
Concen: 104.25 ng
RT: 13.78 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BG027231.D
Acq: 6 Jun 2017 3:07

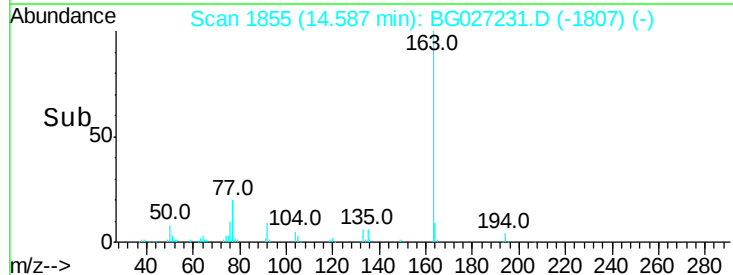
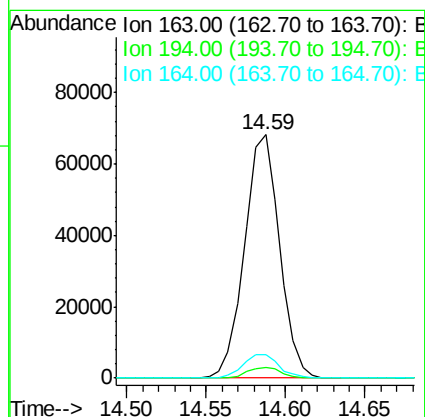
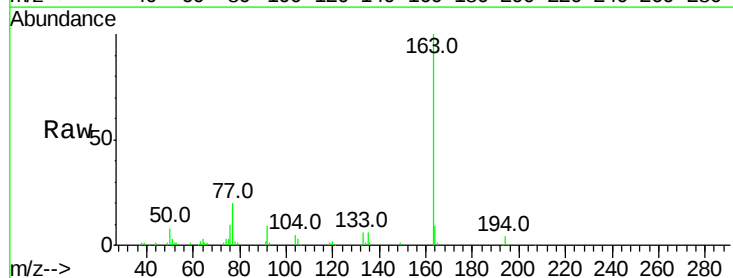
Instrument :
BNA_G
ClientSampleId :

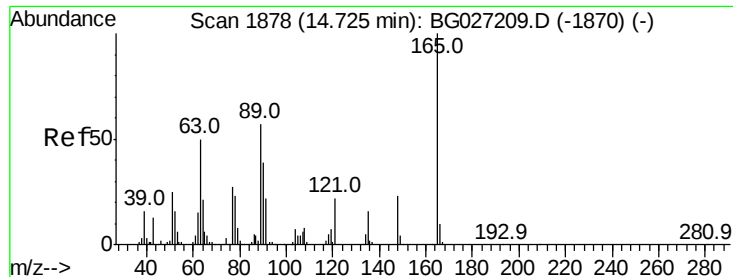
Tot Ion:172 Resp: 1256649
Ion Ratio Lower Upper
172 100
171 38.6 32.2 48.2
170 25.0 21.8 32.6



#49
Dimethylphthalate
Concen: 7.80 ng
RT: 14.59 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG027231.D
Acq: 6 Jun 2017 3:07

Tgt Ion:163 Resp: 104295
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 9.4 9.3 13.9

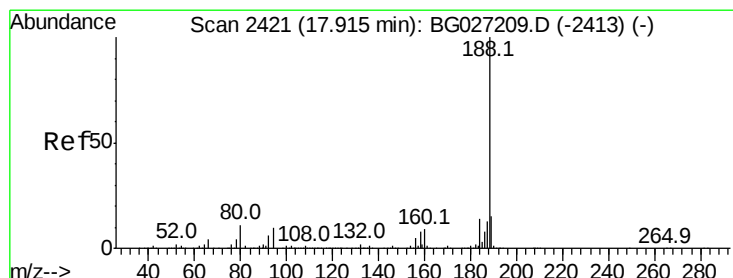
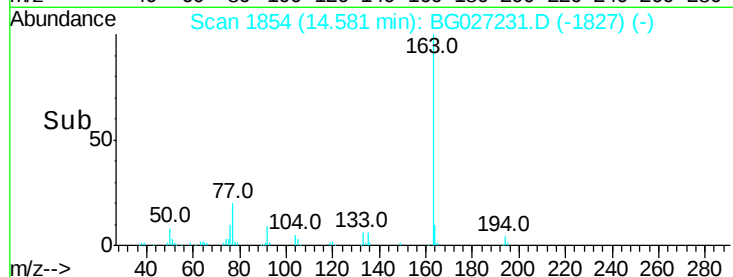
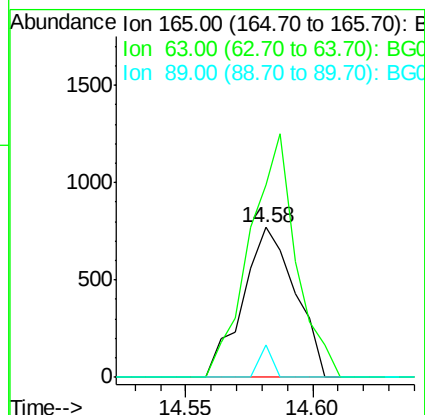
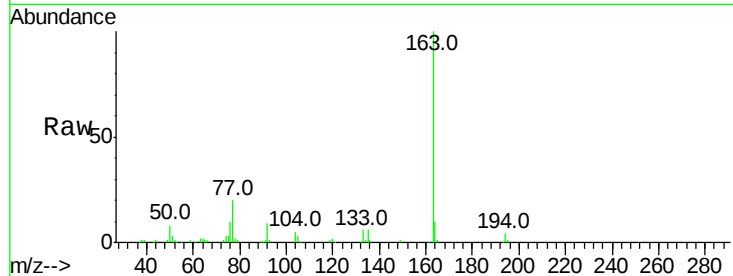




#50
 2,6-Dinitrotoluene
 Concen: 5.97 ng
 RT: 14.58 min Scan# 1854
 Delta R.T. -0.14 min
 Lab File: BG027231.D
 Acq: 6 Jun 2017 3:07

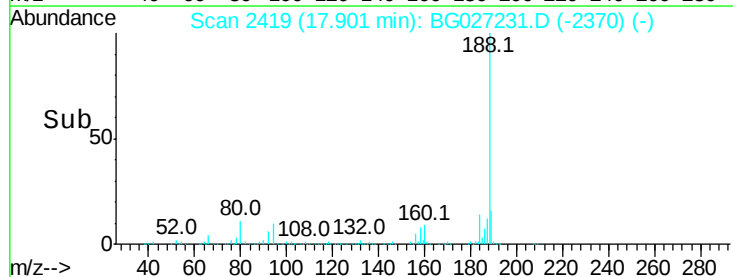
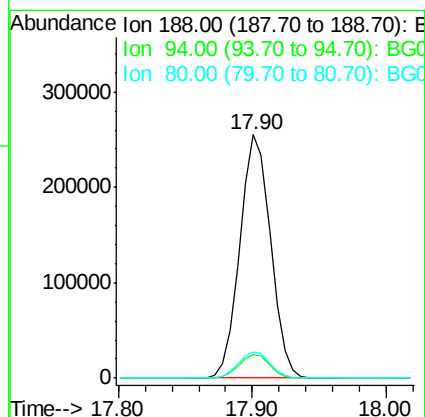
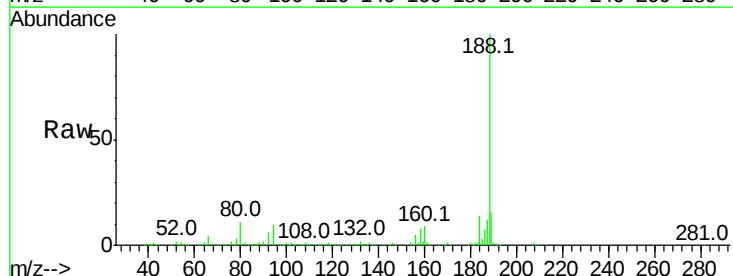
Instrument :
 BNA_G
 ClientSampleId :

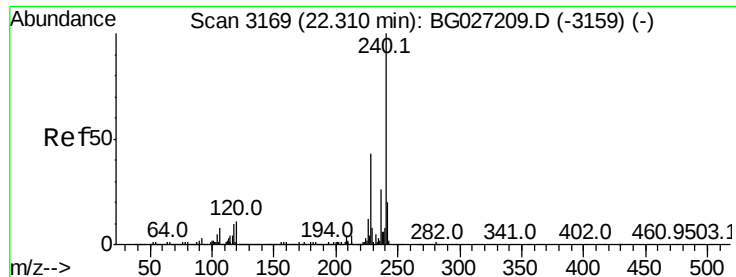
Tot Ion:165 Resp: 1107
 Ion Ratio Lower Upper
 165 100
 63 128.8 63.9 95.9#
 89 21.6 58.6 88.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.90 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG027231.D
 Acq: 6 Jun 2017 3:07

Tgt Ion:188 Resp: 405450
 Ion Ratio Lower Upper
 188 100
 94 9.6 5.8 8.8#
 80 10.6 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: BG027231.D

Acq: 6 Jun 2017 3:07

Instrument :

BNA_G

ClientSampleId :

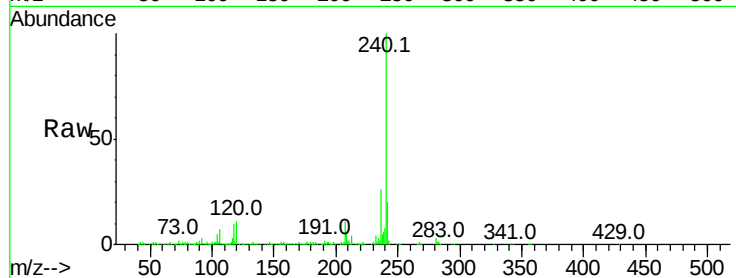
Tot Ion:240 Resp: 397020

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

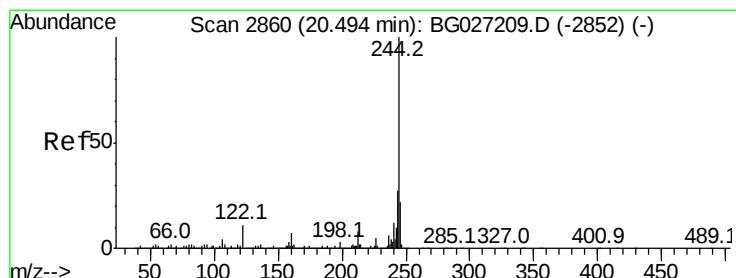
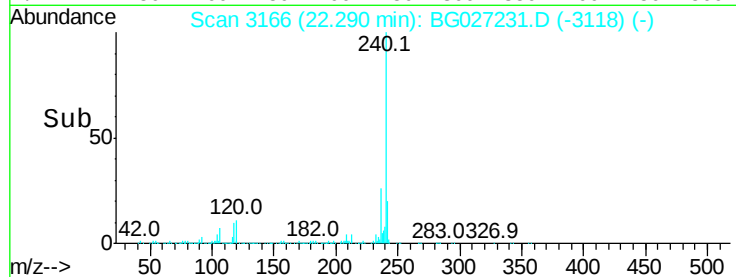
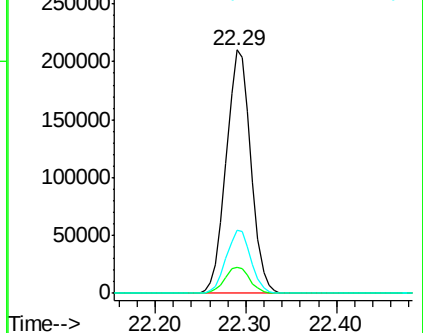
236 26.1 22.2 33.4



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: 108.16 ng

RT: 20.48 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG027231.D

Acq: 6 Jun 2017 3:07

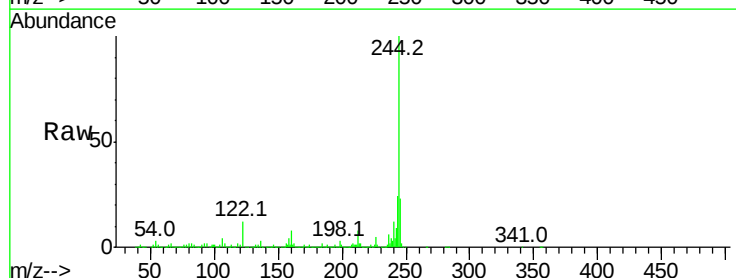
Tgt Ion:244 Resp: 1683341

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

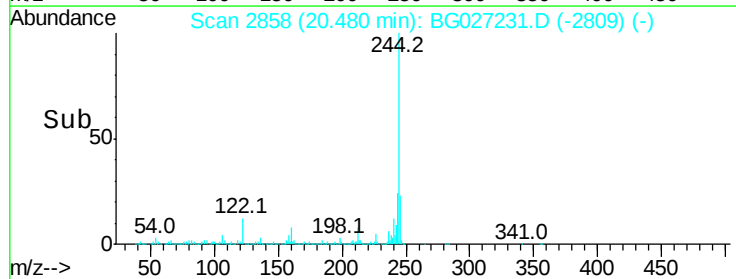
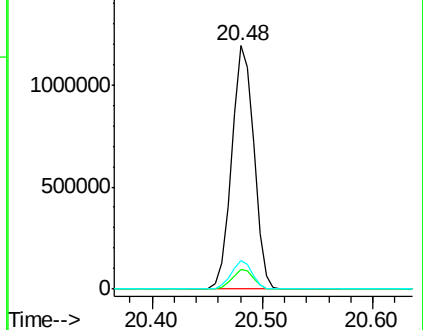
122 11.7 8.6 12.8

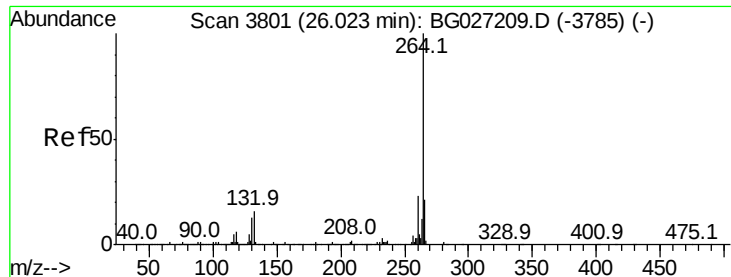


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

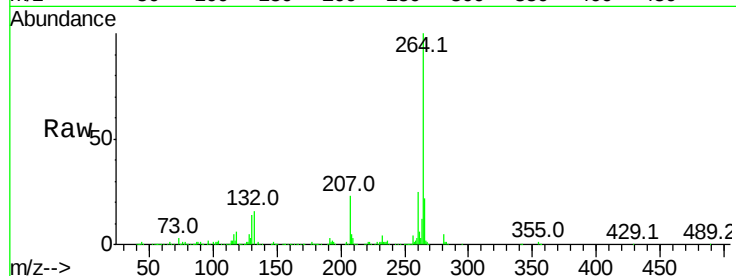




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.99 min Scan# 3796
Delta R.T. -0.03 min
Lab File: BG027231.D
Acq: 6 Jun 2017 3:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.8	32.8
265	22.2	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

