

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027235.D
 Acq On : 6 Jun 2017 5:43
 Operator : SJ/MA
 Sample : I3405-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 07:47:22 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

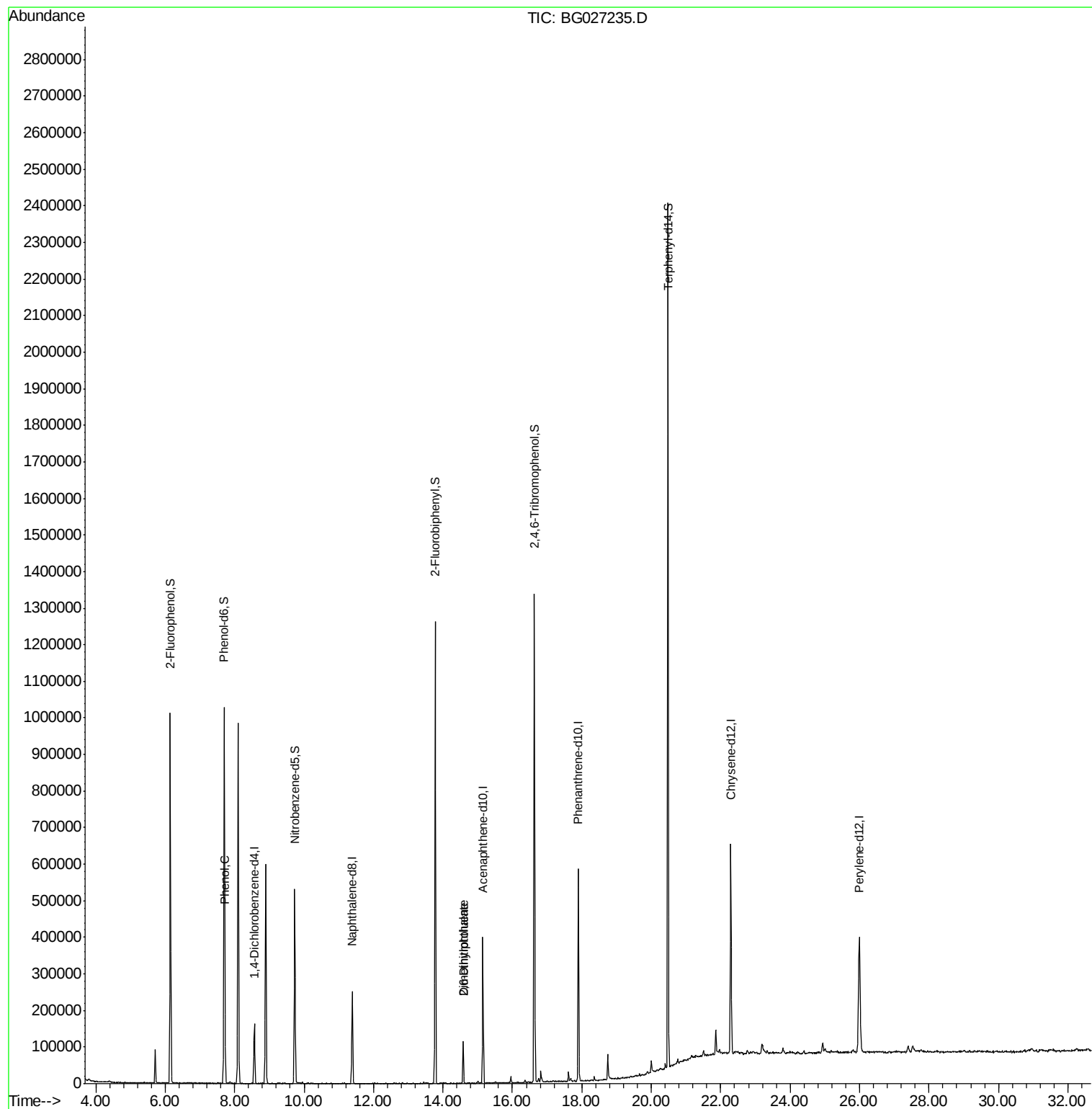
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	48207	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	226754	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	146674	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	368843	20.00	ng	-0.02
75) Chrysene-d12	22.29	240	414740	20.00	ng	-0.02
86) Perylene-d12	26.00	264	391945	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	489379	154.91	ng	0.00
7) Phenol-d6	7.70	99	682356	147.15	ng	0.00
23) Nitrobenzene-d5	9.73	82	354616	98.35	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	284495	147.30	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	690581	65.87	ng	-0.02
78) Terphenyl-d14	20.48	244	1059775	65.19	ng	-0.02
Target Compounds						
10) Phenol	7.72	94	33117	6.98	ng	87
49) Dimethylphthalate	14.59	163	83763	7.20	ng	97
50) 2,6-Dinitrotoluene	14.58	165	941	5.97	ng	# 48

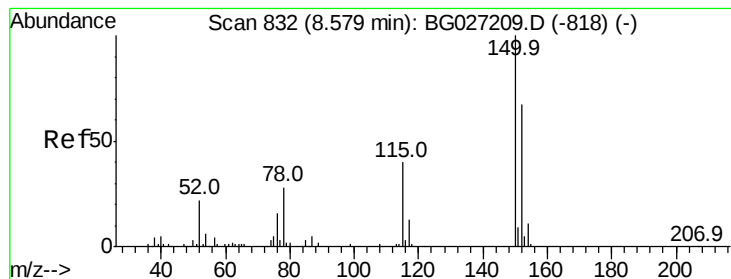
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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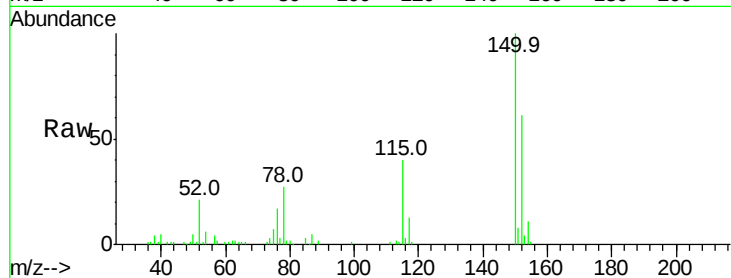


#1

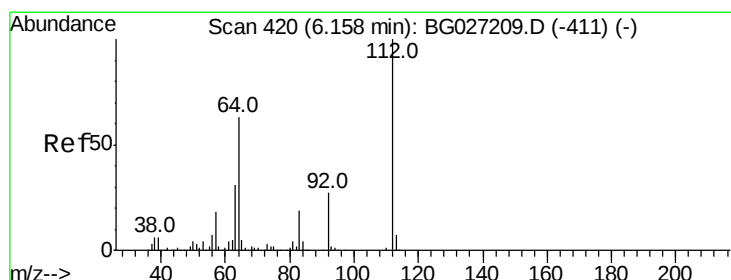
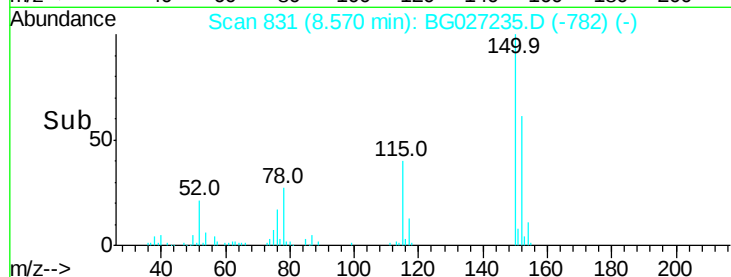
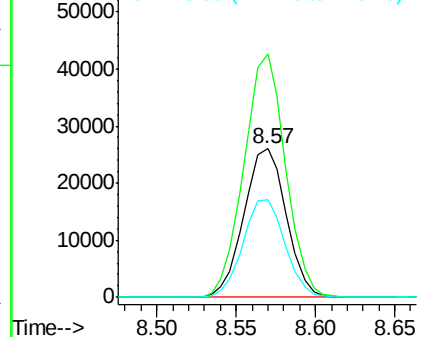
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027235.D
Acq: 6 Jun 2017 5:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 48207
Ion Ratio Lower Upper
152 100
150 163.9 114.0 171.0
115 65.9 48.1 72.1



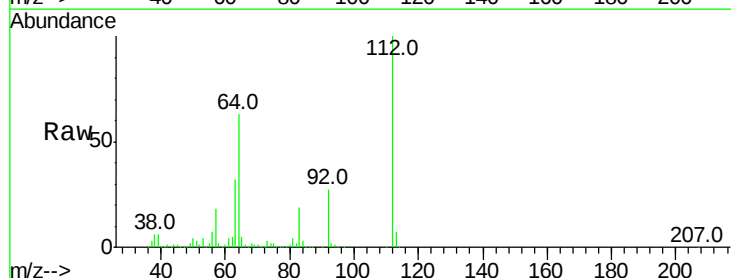
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



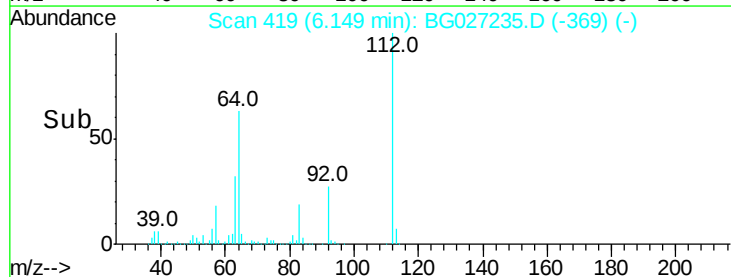
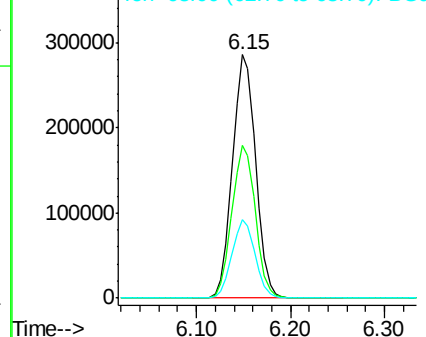
#5

2-Fluorophenol
Concen: 154.91 ng
RT: 6.15 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG027235.D
Acq: 6 Jun 2017 5:43

Tgt Ion:112 Resp: 489379
Ion Ratio Lower Upper
112 100
64 62.6 61.8 92.6
63 32.1 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: 147.15 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027235.D

Acq: 6 Jun 2017 5:43

Instrument :

BNA_G

ClientSampled :

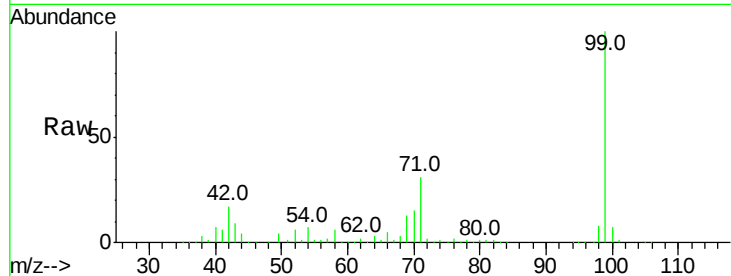
Tot Ion: 99 Resp: 682356

Ion Ratio Lower Upper

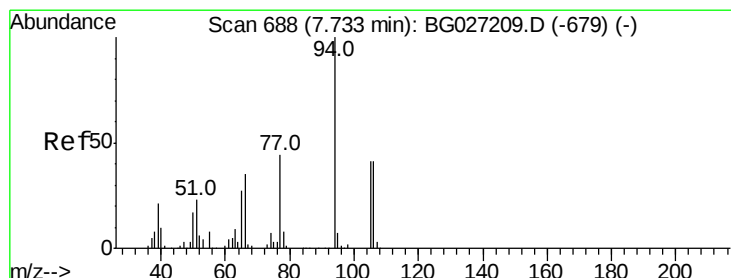
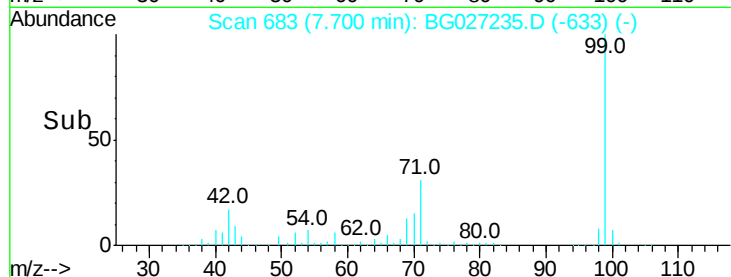
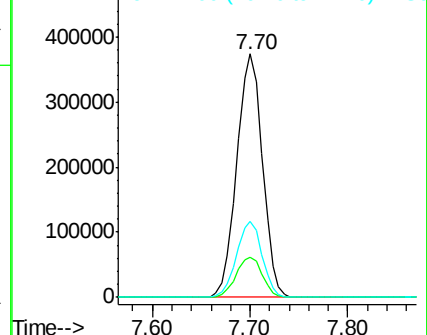
99 100

42 16.5 20.5 30.7#

71 31.2 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: 6.98 ng

RT: 7.72 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027235.D

Acq: 6 Jun 2017 5:43

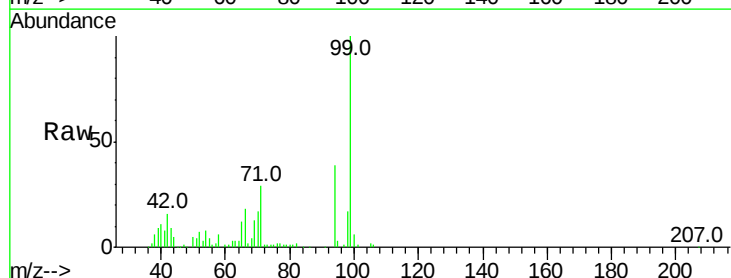
Tgt Ion: 94 Resp: 33117

Ion Ratio Lower Upper

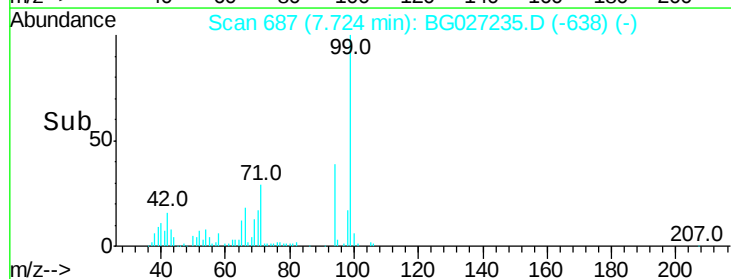
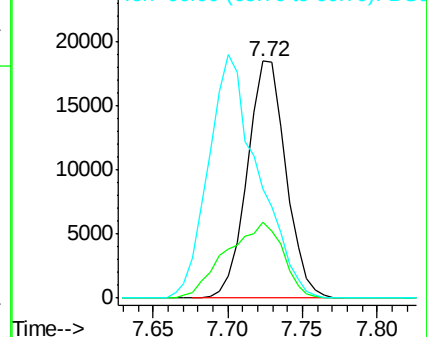
94 100

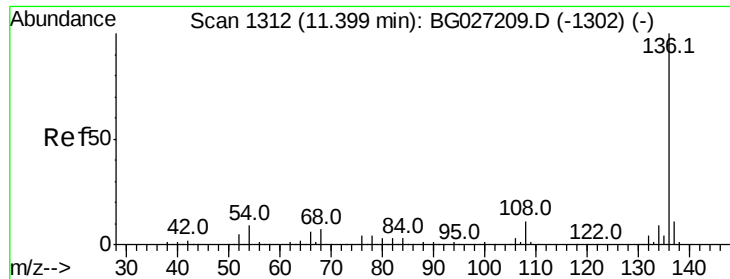
65 32.0 20.6 60.6

66 46.2 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

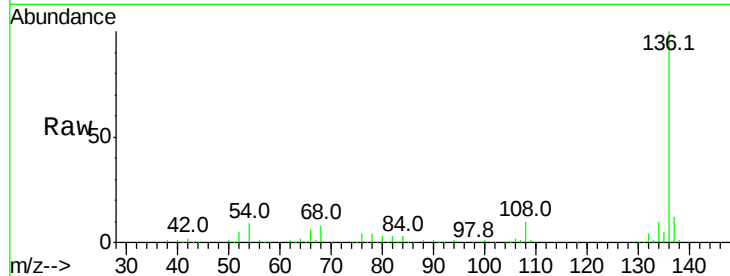




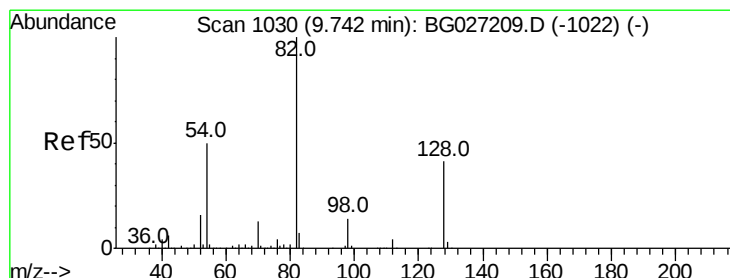
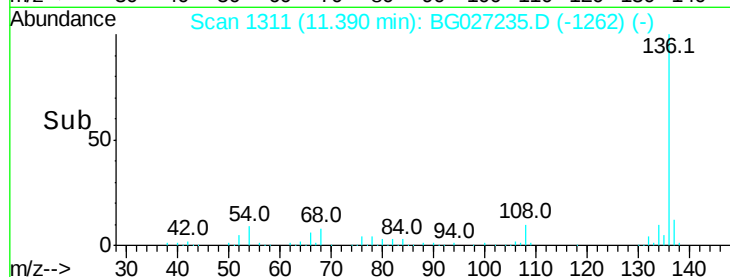
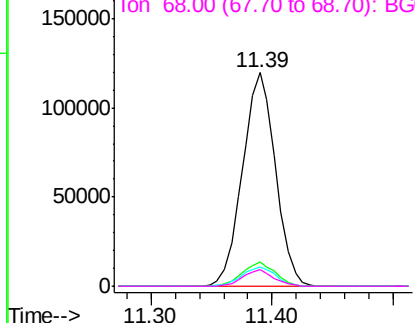
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027235.D
Acq: 6 Jun 2017 5:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	226754
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.9 13.3
54	8.7	9.3 13.9#
68	7.7	5.1 7.7

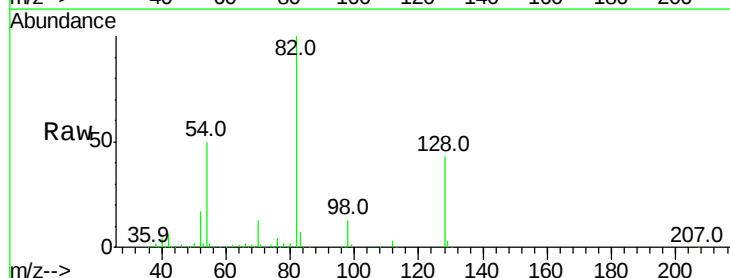


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

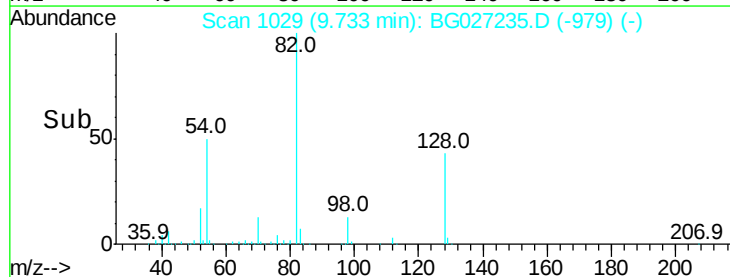
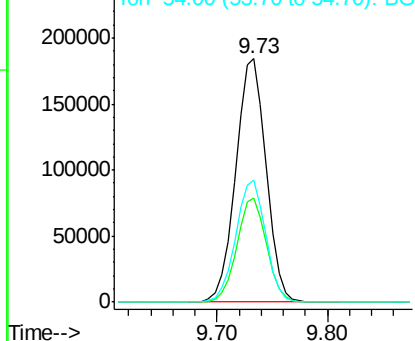


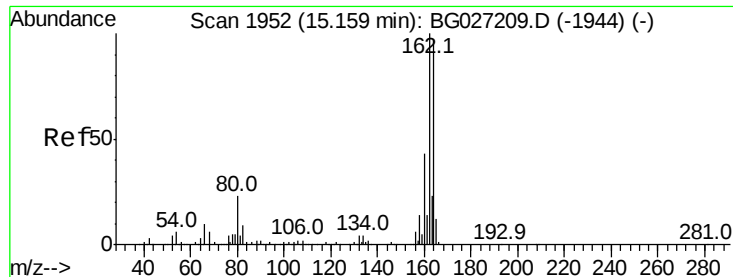
#23
Nitrobenzene-d5
Concen: 98.35 ng
RT: 9.73 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG027235.D
Acq: 6 Jun 2017 5:43

Tgt Ion: 82	Resp:	354616
Ion Ratio	Lower	Upper
82	100	
128	43.0	26.4 39.6#
54	49.9	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# 1951

Delta R.T. -0.01 min

Lab File: BG027235.D

Acq: 6 Jun 2017 5:43

Instrument :

BNA_G

ClientSampleId :

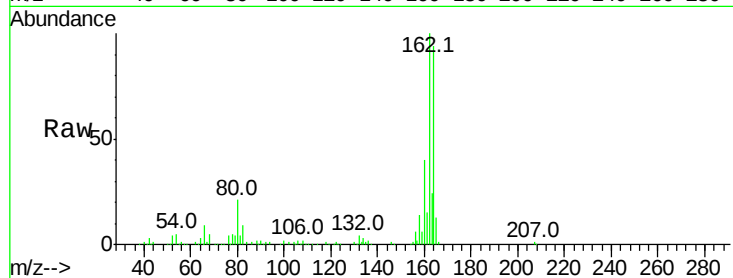
Tot Ion:164 Resp: 146674

Ion Ratio Lower Upper

164 100

162 105.9 85.1 127.7

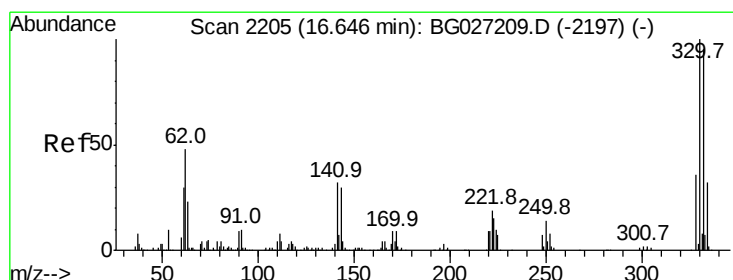
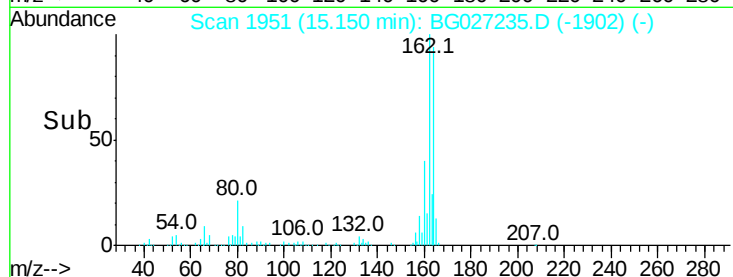
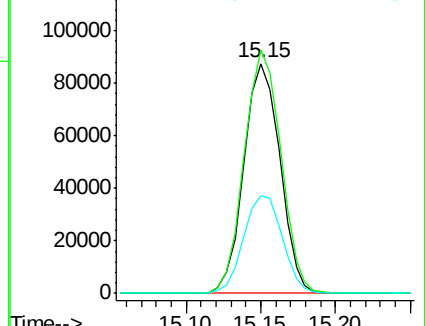
160 42.6 34.7 52.1



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: 147.30 ng

RT: 16.64 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG027235.D

Acq: 6 Jun 2017 5:43

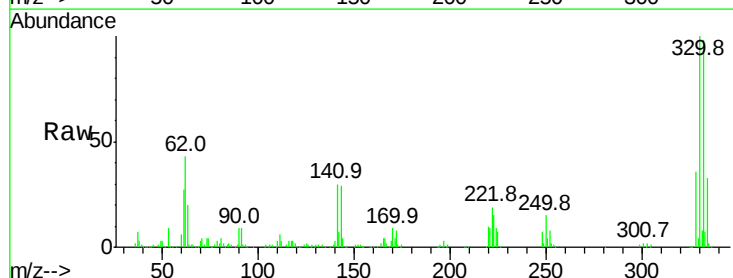
Tgt Ion:330 Resp: 284495

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

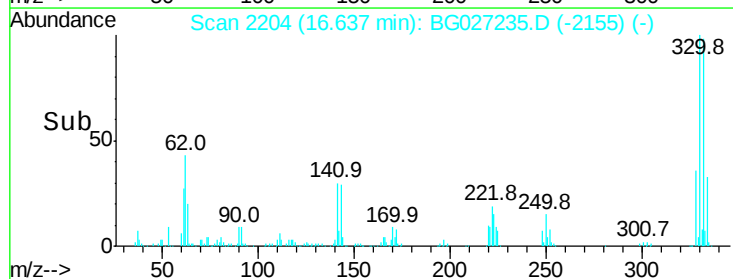
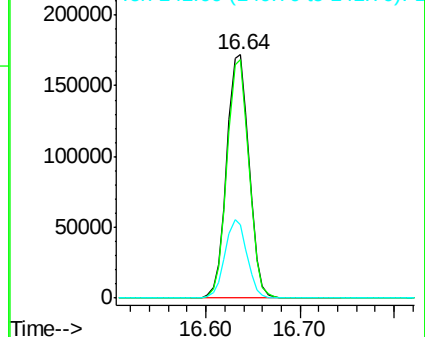
141 32.0 32.1 48.1#



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

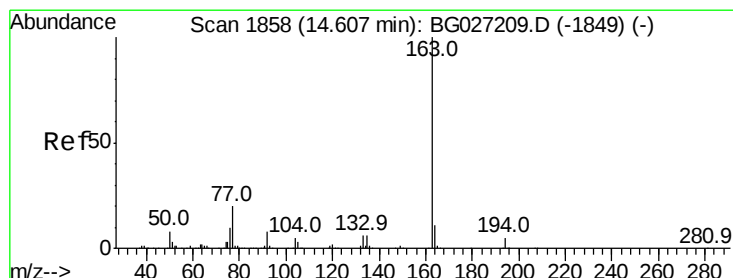
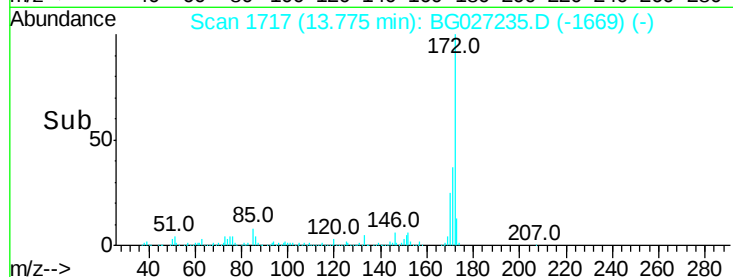
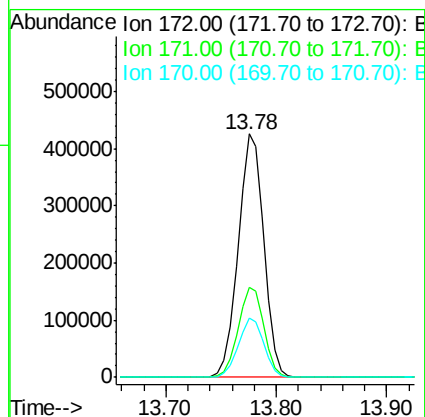
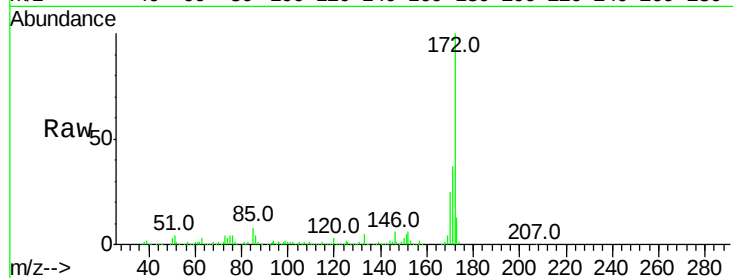




#44
2-Fluorobiphenyl
Concen: 65.87 ng
RT: 13.78 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG027235.D
Acq: 6 Jun 2017 5:43

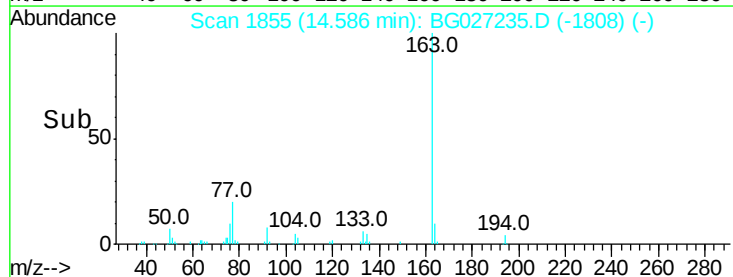
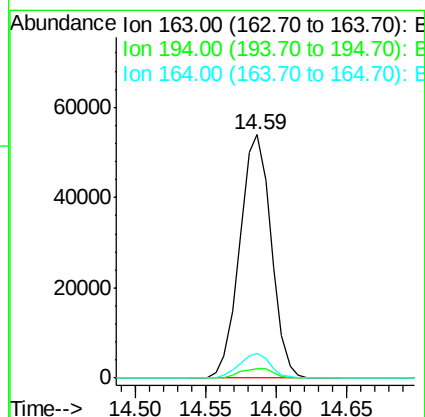
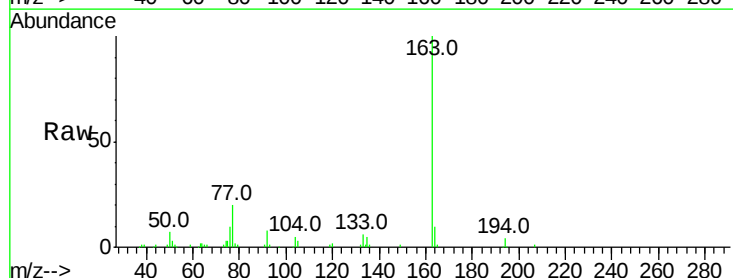
Instrument :
BNA_G
ClientSampleId :

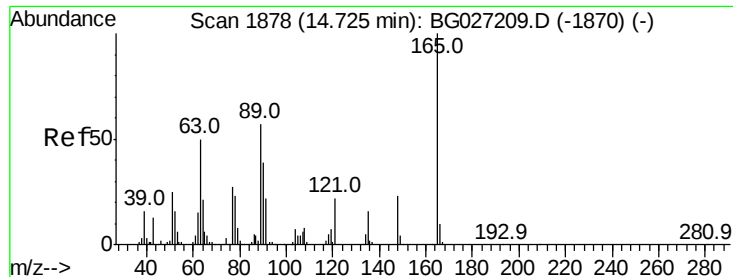
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	24.5	21.8	32.6



#49
Dimethylphthalate
Concen: 7.20 ng
RT: 14.59 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG027235.D
Acq: 6 Jun 2017 5:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.8	5.6
164	10.0	9.3	13.9

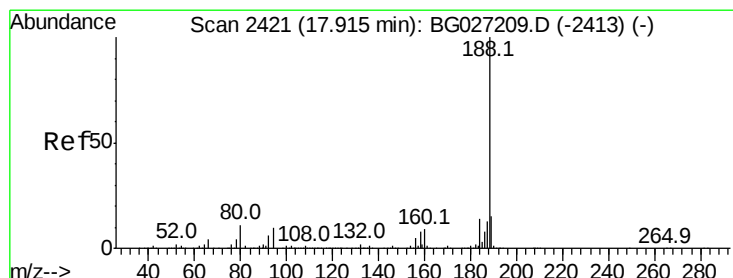
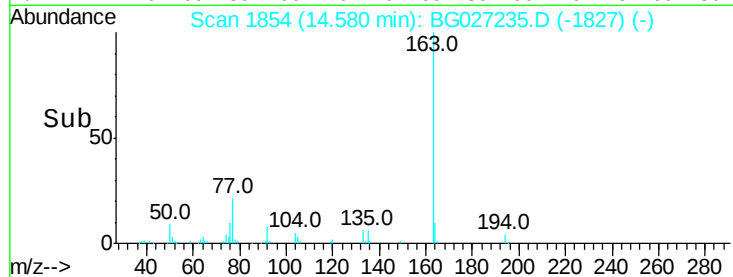
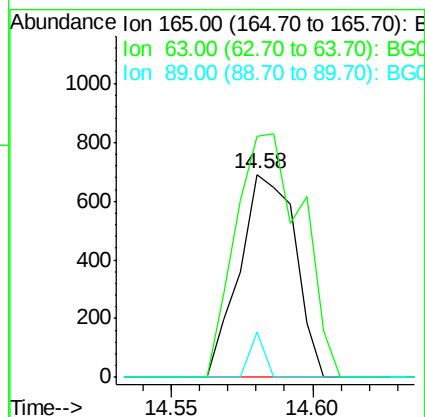
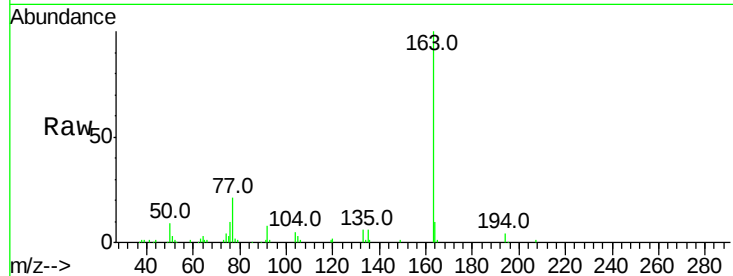




#50
 2,6-Dinitrotoluene
 Concen: 5.97 ng
 RT: 14.58 min Scan# 1854
 Delta R.T. -0.14 min
 Lab File: BG027235.D
 Acq: 6 Jun 2017 5:43

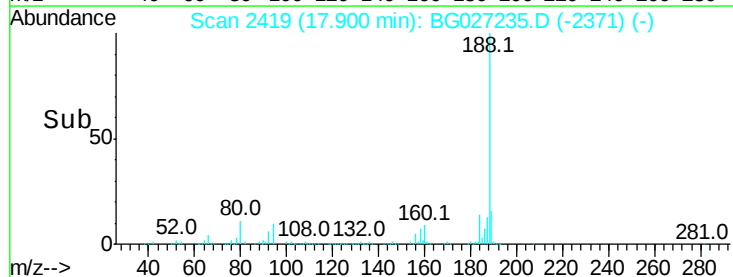
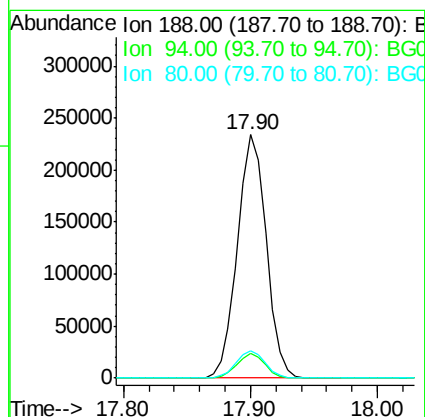
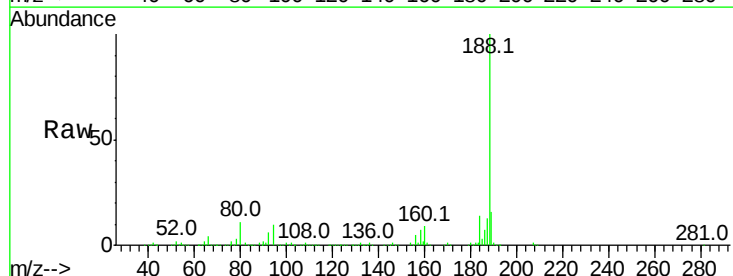
Instrument :
 BNA_G
 ClientSampleId :

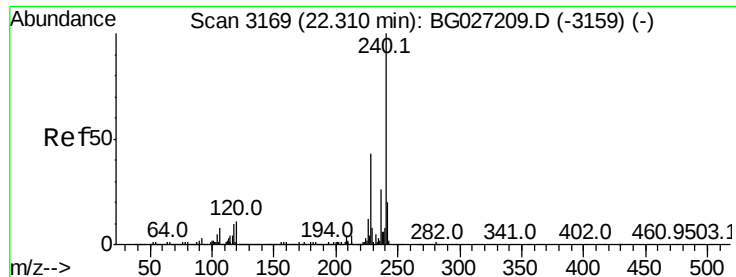
Tot Ion:165 Resp: 941
 Ion Ratio Lower Upper
 165 100
 63 119.0 63.9 95.9#
 89 22.0 58.6 88.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.90 min Scan# 2419
 Delta R.T. -0.02 min
 Lab File: BG027235.D
 Acq: 6 Jun 2017 5:43

Tgt Ion:188 Resp: 368843
 Ion Ratio Lower Upper
 188 100
 94 10.0 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: BG027235.D

Acq: 6 Jun 2017 5:43

Instrument :

BNA_G

ClientSampleId :

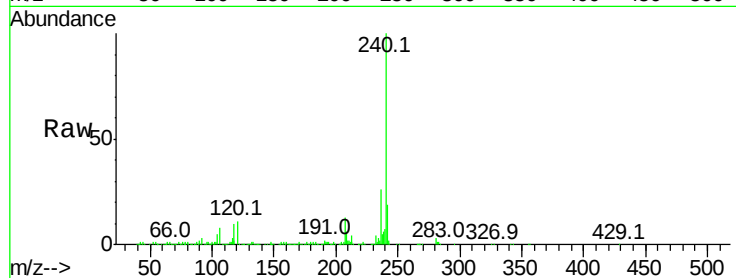
Tot Ion:240 Resp: 414740

Ion Ratio Lower Upper

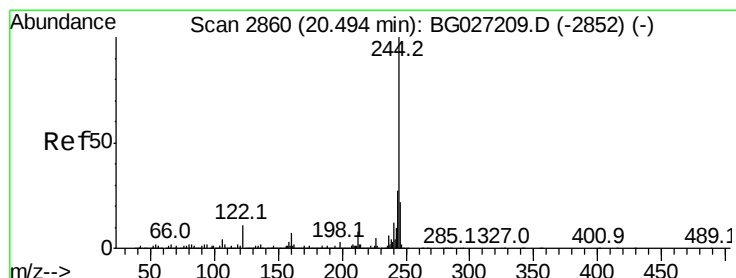
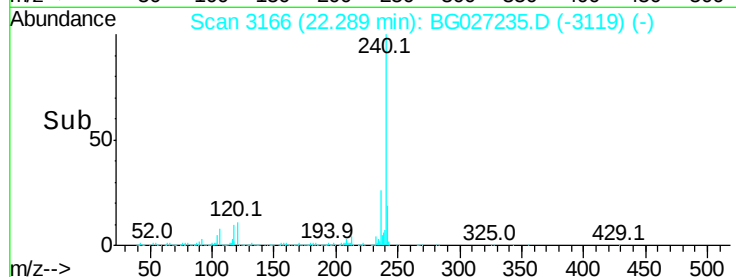
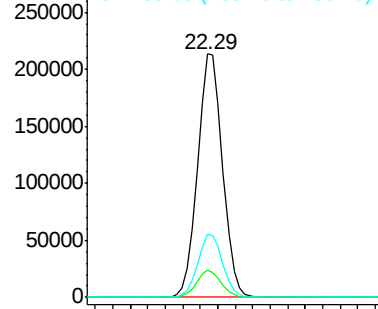
240 100

120 11.0 5.7 8.5#

236 25.9 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: 65.19 ng

RT: 20.48 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG027235.D

Acq: 6 Jun 2017 5:43

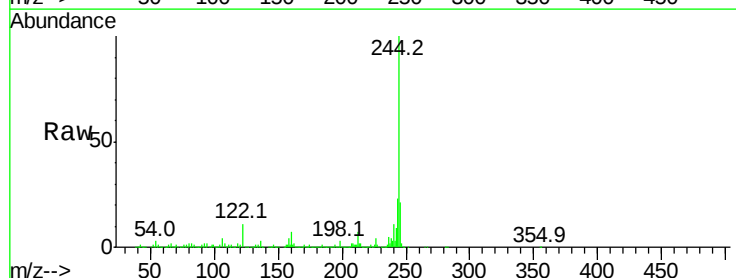
Tgt Ion:244 Resp: 1059775

Ion Ratio Lower Upper

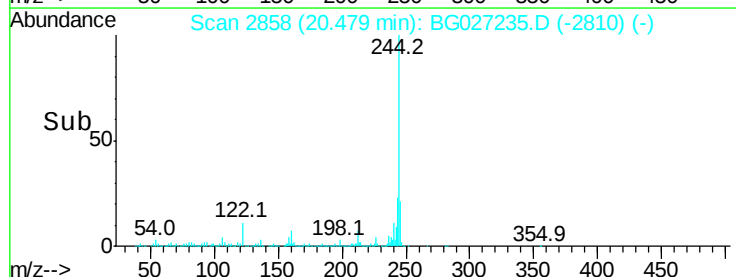
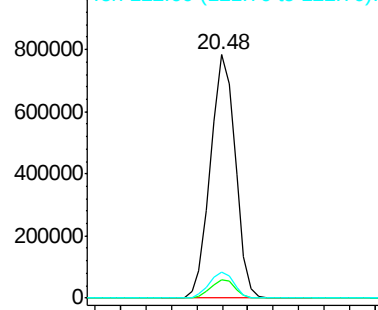
244 100

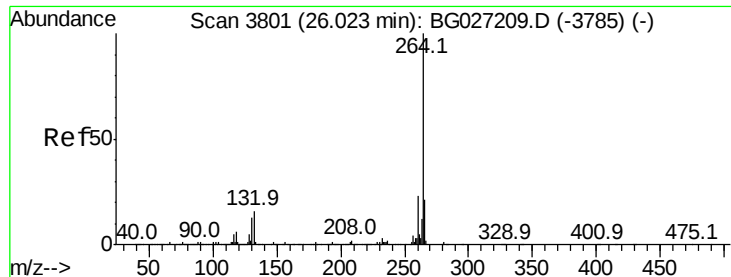
212 7.5 10.0 15.0#

122 10.9 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

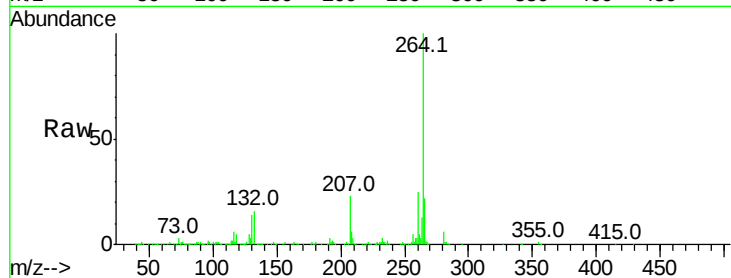




#86
Pervlene-d12
Concen: 20.00 ng
RT: 26.00 min Scan# 3797
Delta R.T. -0.03 min
Lab File: BG027235.D
Acq: 6 Jun 2017 5:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	22.5	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

