

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027298.D
 Acq On : 8 Jun 2017 00:32
 Operator : SJ/MA
 Sample : I3479-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 06:12:32 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

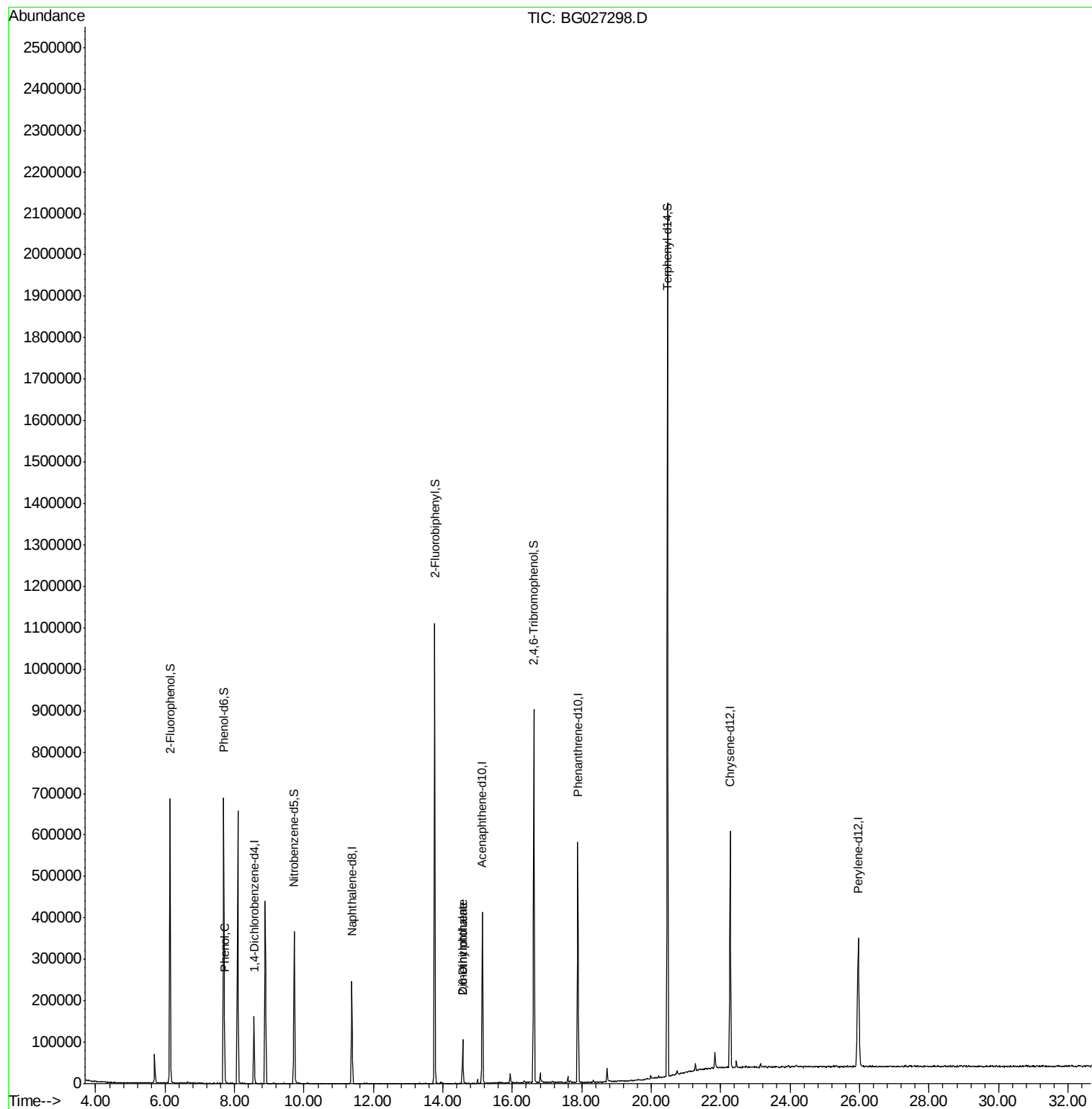
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	46855	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	225482	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	147748	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	364928	20.00	ng	-0.03
75) Chrysene-d12	22.28	240	412059	20.00	ng	-0.03
86) Perylene-d12	25.96	264	379070	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	318352	103.68	ng	-0.02
7) Phenol-d6	7.69	99	456578	101.30	ng	-0.02
23) Nitrobenzene-d5	9.72	82	241995	67.50	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	176686	90.81	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	592766	56.13	ng	-0.03
78) Terphenyl-d14	20.47	244	933172	57.77	ng	-0.03
Target Compounds						Qvalue
10) Phenol	7.72	94	9827	2.13	ng	81
49) Dimethylphthalate	14.57	163	74405	6.35	ng	96
50) 2,6-Dinitrotoluene	14.57	165	712	5.88	ng	# 28

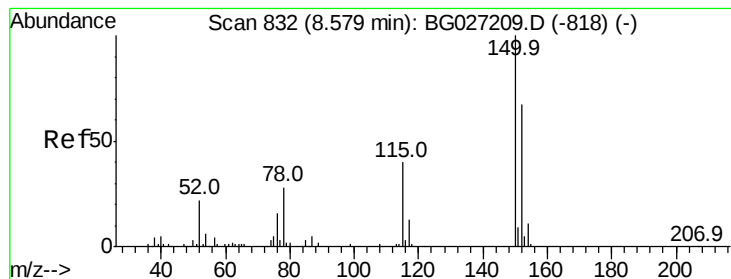
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG027298.D

Acq: 8 Jun 2017 00:32

Instrument :

BNA_G

ClientSampled :

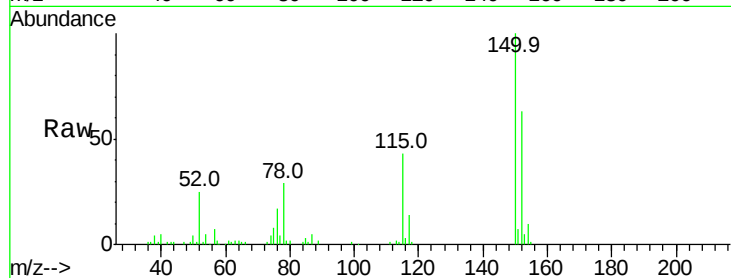
Tot Ion:152 Resp: 46855

Ion Ratio Lower Upper

152 100

150 158.7 114.0 171.0

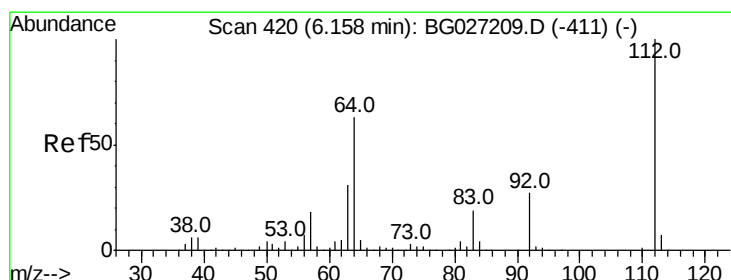
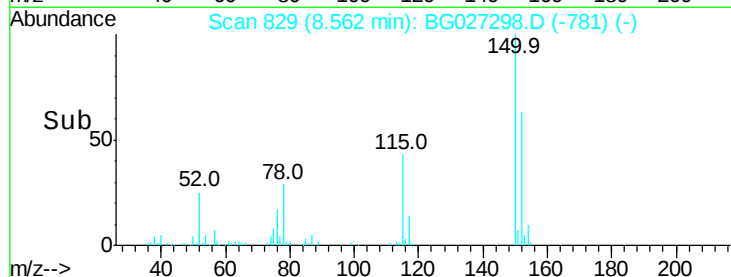
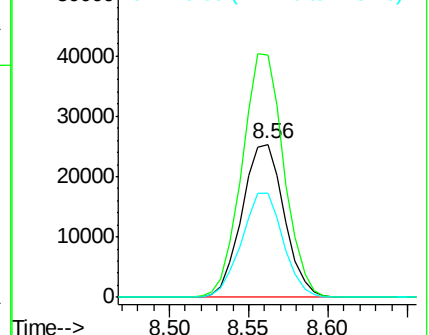
115 68.3 48.1 72.1



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: 103.68 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027298.D

Acq: 8 Jun 2017 00:32

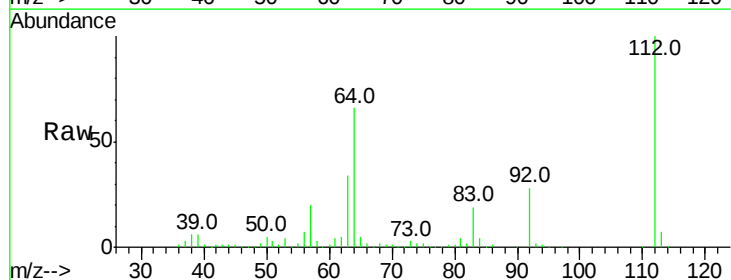
Tgt Ion:112 Resp: 318352

Ion Ratio Lower Upper

112 100

64 66.2 61.8 92.6

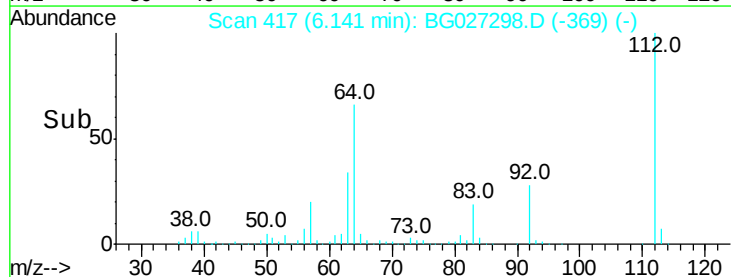
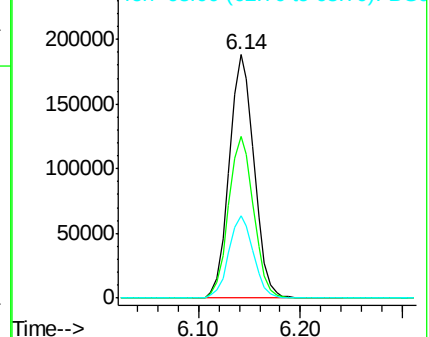
63 33.6 37.2 55.8#



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: 101.30 ng

RT: 7.69 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027298.D

Acq: 8 Jun 2017 00:32

Instrument :

BNA_G

ClientSampleId :

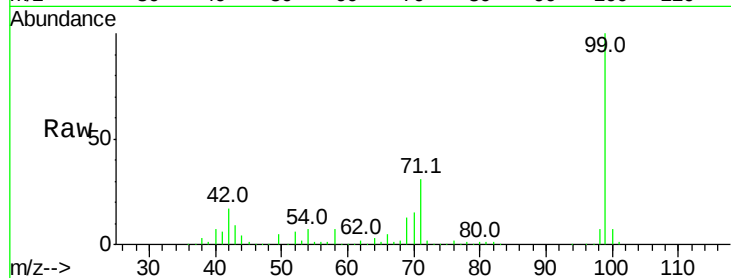
Tot Ion: 99 Resp: 456578

Ion Ratio Lower Upper

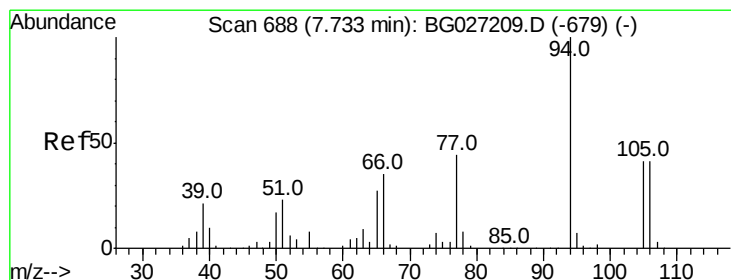
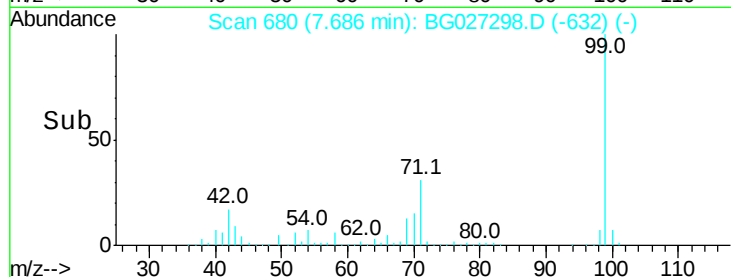
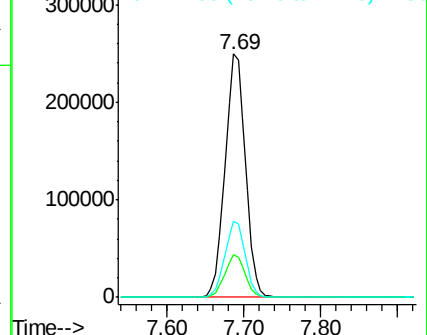
99 100

42 17.3 20.5 30.7#

71 31.4 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



#10

Phenol

Concen: 2.13 ng

RT: 7.72 min Scan# 685

Delta R.T. -0.02 min

Lab File: BG027298.D

Acq: 8 Jun 2017 00:32

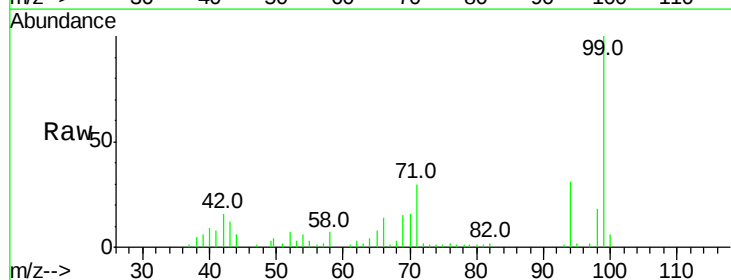
Tgt Ion: 94 Resp: 9827

Ion Ratio Lower Upper

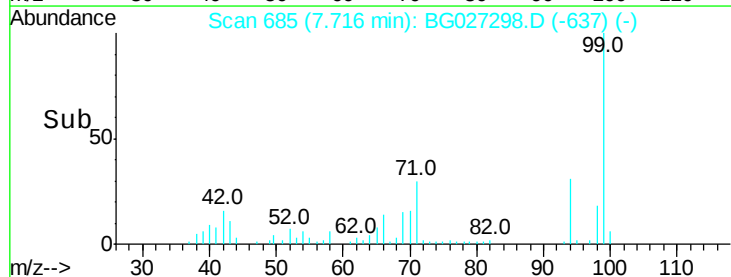
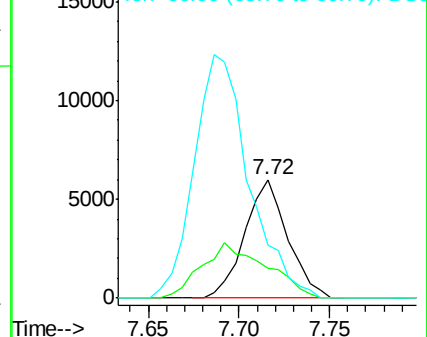
94 100

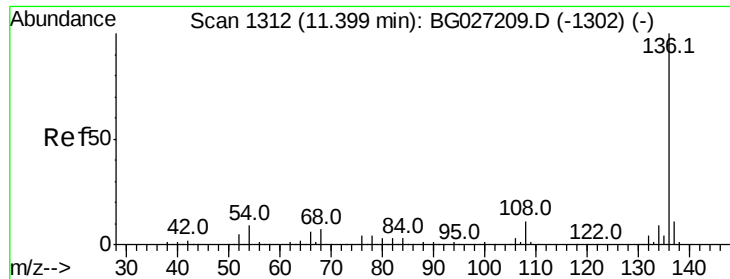
65 25.5 20.6 60.6

66 44.7 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

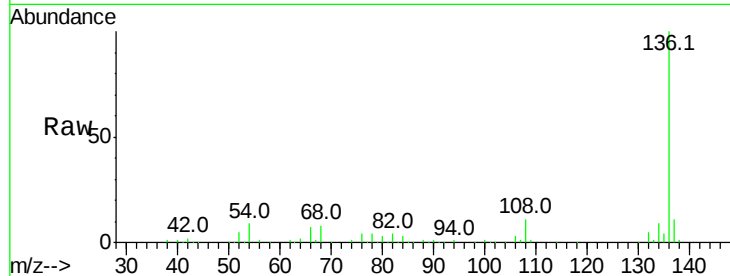




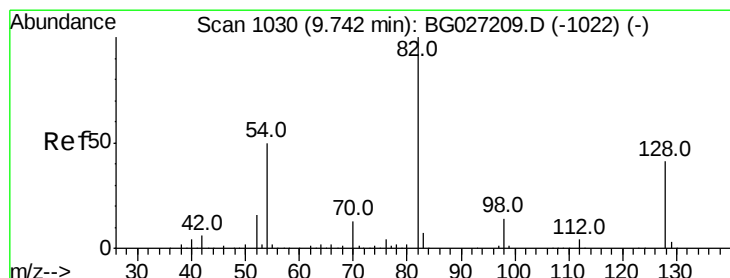
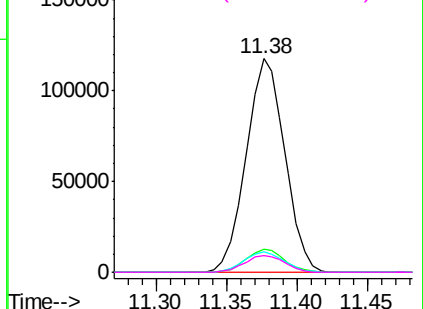
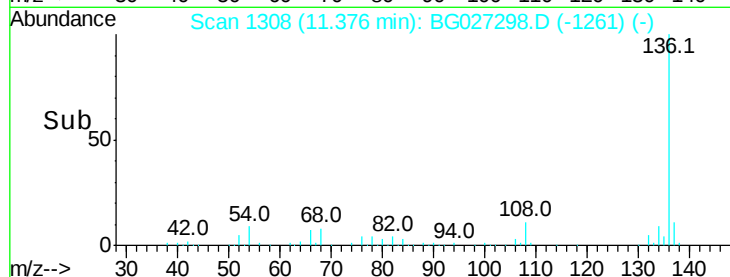
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.38 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG027298.D
Acq: 8 Jun 2017 00:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	225482
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	9.3	13.9
68	7.6	5.1	7.7

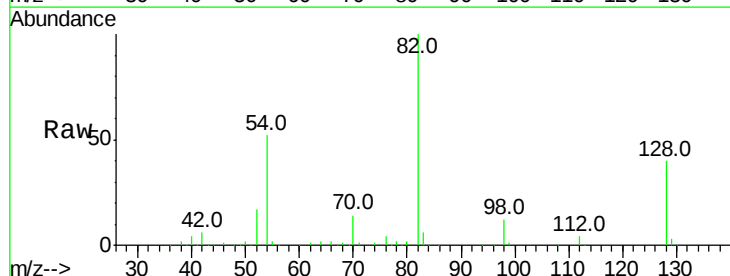


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

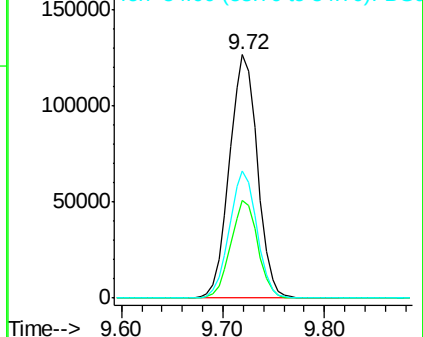
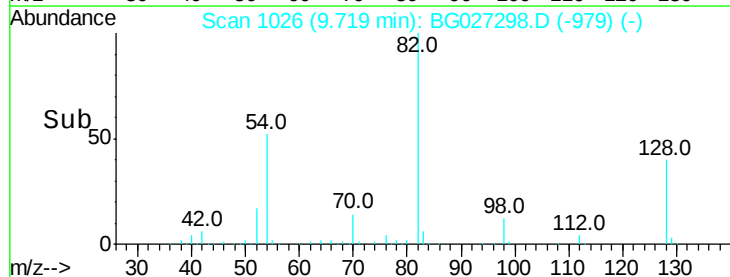


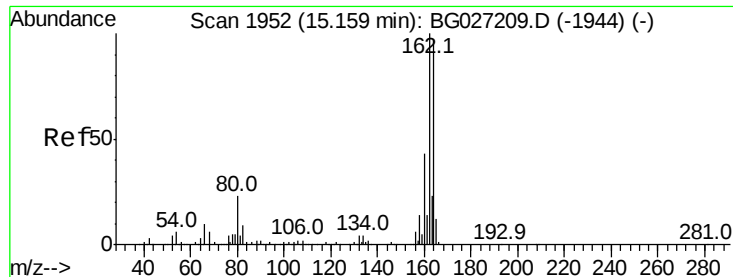
#23
Nitrobenzene-d5
Concen: 67.50 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG027298.D
Acq: 8 Jun 2017 00:32

Tgt Ion:	82	Resp:	241995
Ion	Ratio	Lower	Upper
82	100		
128	40.2	26.4	39.6#
54	52.5	49.4	74.2



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

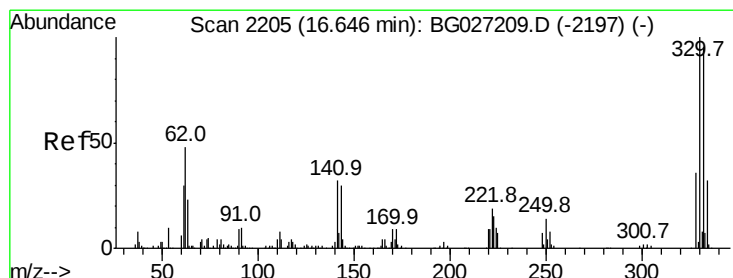
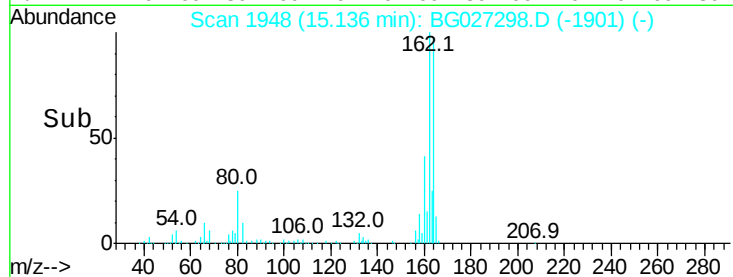
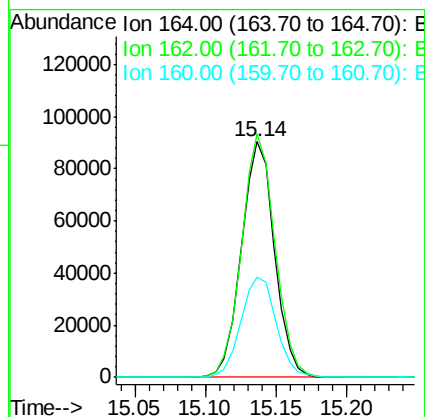
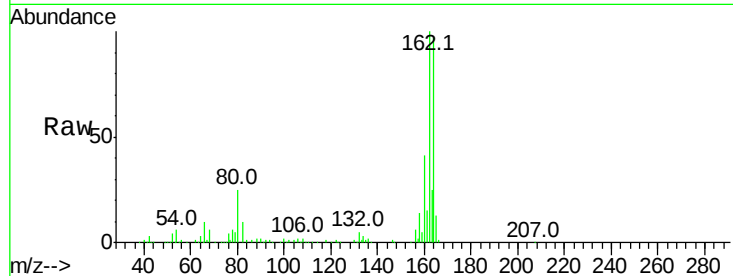




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BG027298.D
Acq: 8 Jun 2017 00:32

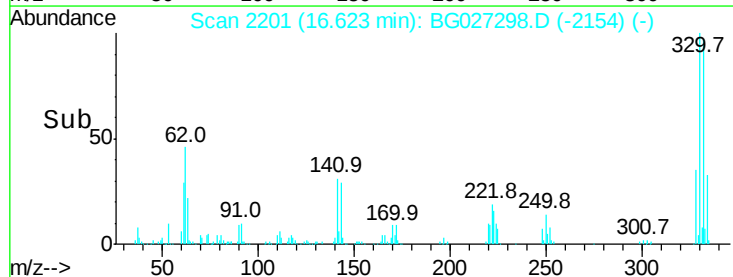
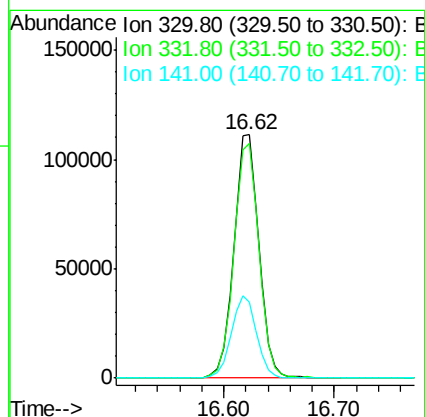
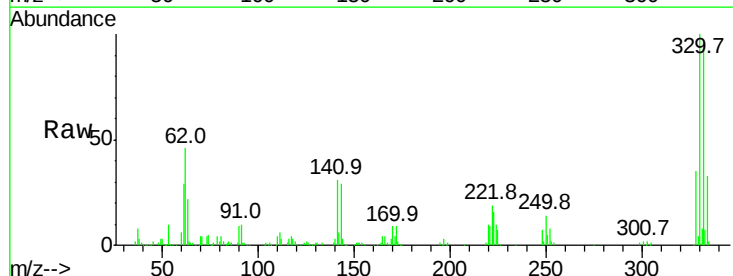
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 147748
Ion Ratio Lower Upper
164 100
162 103.2 85.1 127.7
160 42.6 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 90.81 ng
RT: 16.62 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BG027298.D
Acq: 8 Jun 2017 00:32

Tgt Ion:330 Resp: 176686
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 34.2 32.1 48.1

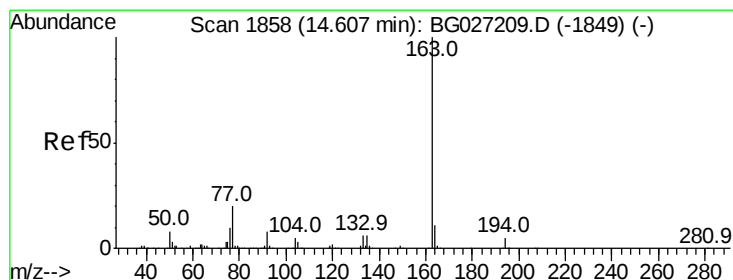
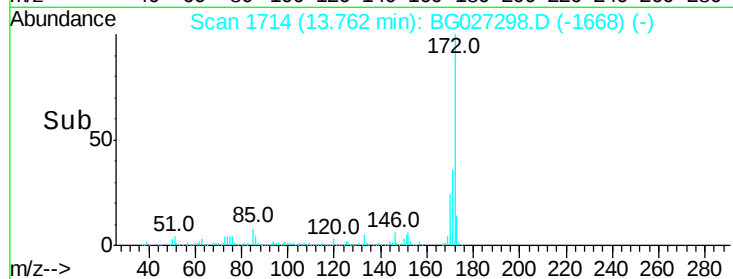
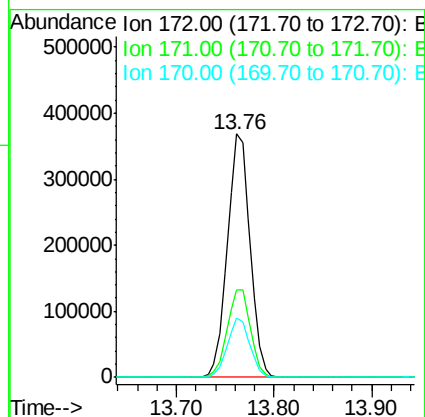
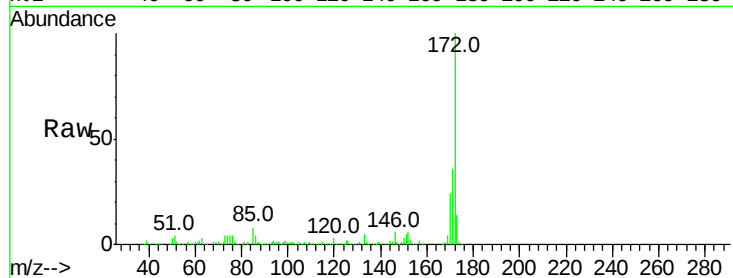




#44
2-Fluorobiphenyl
Concen: 56.13 ng
RT: 13.76 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BG027298.D
Acq: 8 Jun 2017 00:32

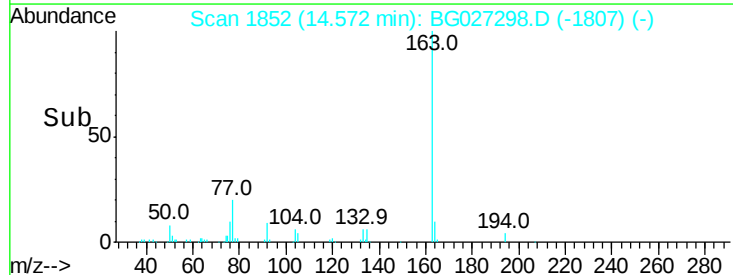
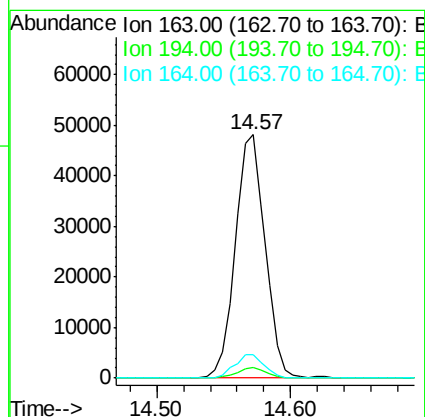
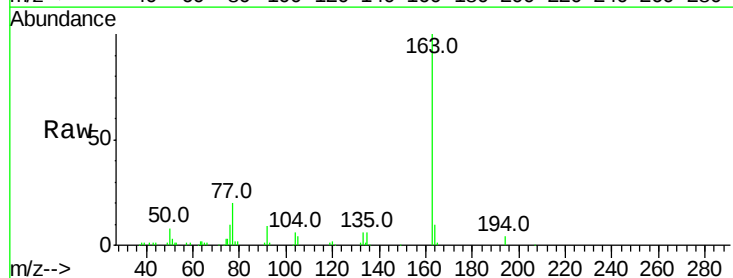
Instrument :
BNA_G
ClientSampleId :

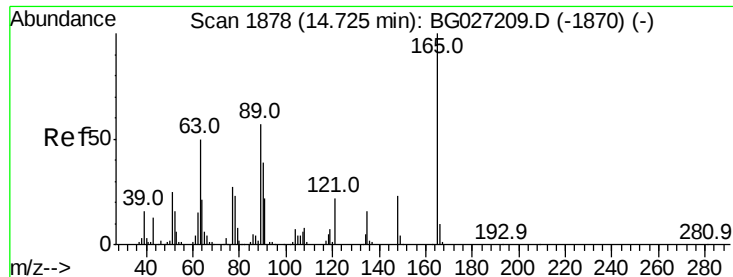
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	24.2	21.8	32.6



#49
Dimethylphthalate
Concen: 6.35 ng
RT: 14.57 min Scan# 1852
Delta R.T. -0.03 min
Lab File: BG027298.D
Acq: 8 Jun 2017 00:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	9.6	9.3	13.9

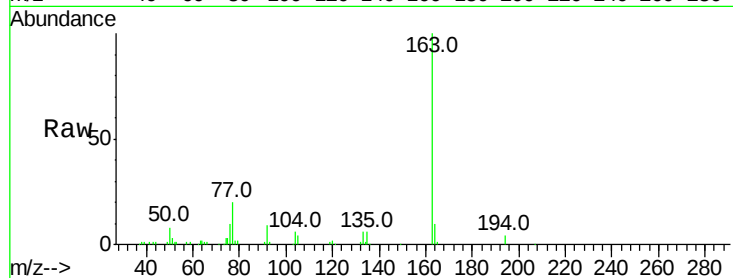




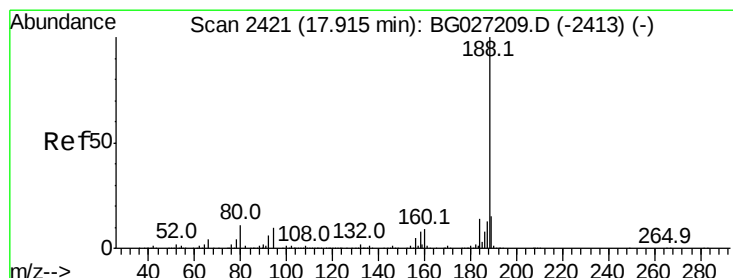
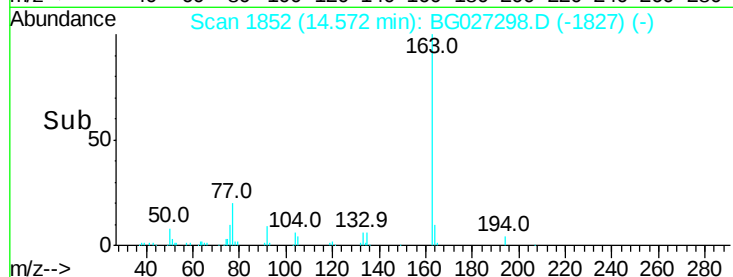
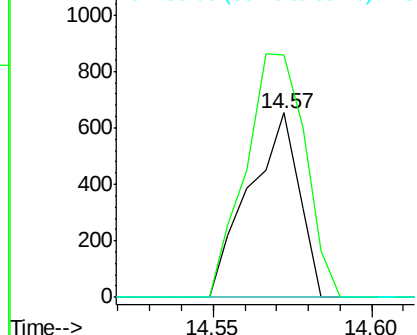
#50
2,6-Dinitrotoluene
Concen: 5.88 ng
RT: 14.57 min Scan# 1852
Delta R.T. -0.15 min
Lab File: BG027298.D
Acq: 8 Jun 2017 00:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 712
Ion Ratio Lower Upper
165 100
63 131.1 63.9 95.9#
89 0.0 58.6 88.0#

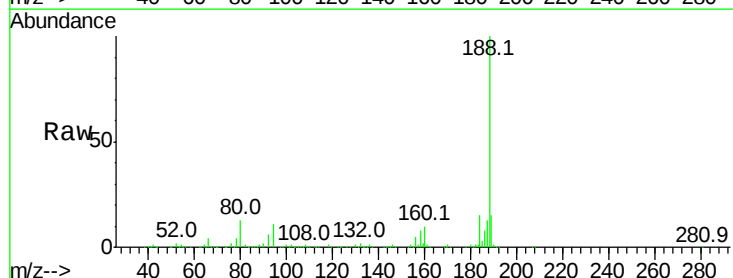


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

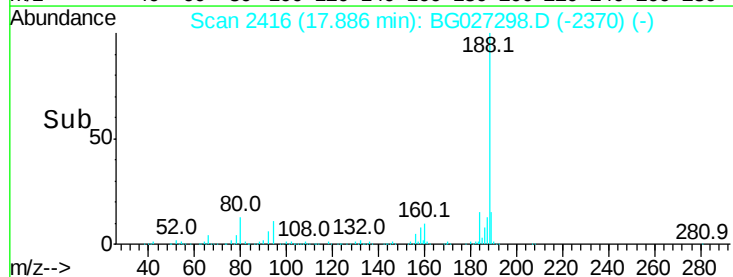
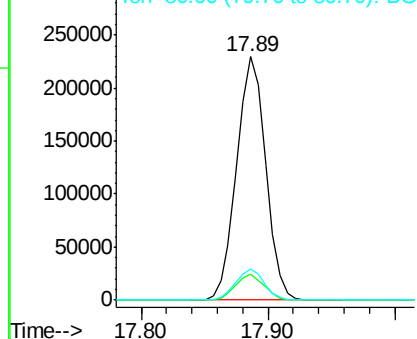


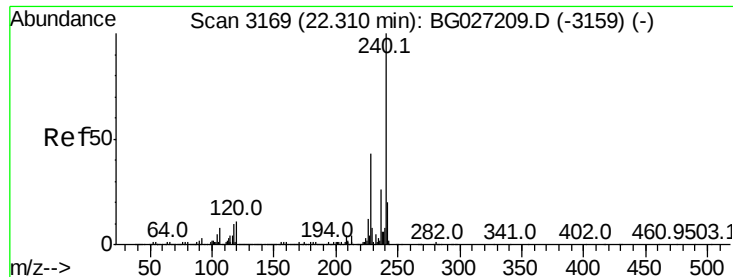
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027298.D
Acq: 8 Jun 2017 00:32

Tgt Ion:188 Resp: 364928
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.8#
80 12.6 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: 22.28 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG027298.D

Acq: 8 Jun 2017 00:32

Instrument :

BNA_G

ClientSampled :

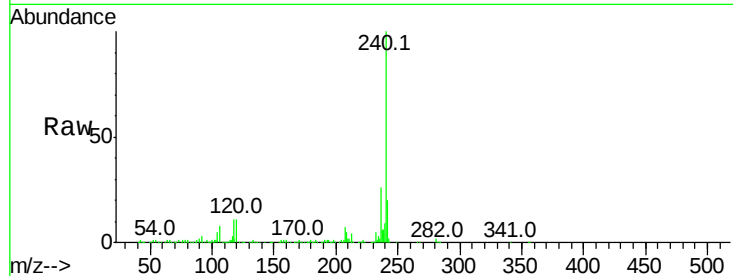
Tot Ion:240 Resp: 412059

Ion Ratio Lower Upper

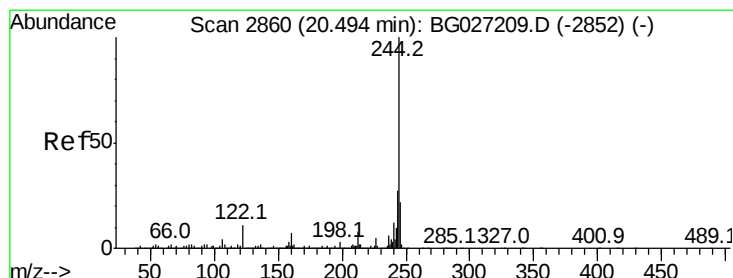
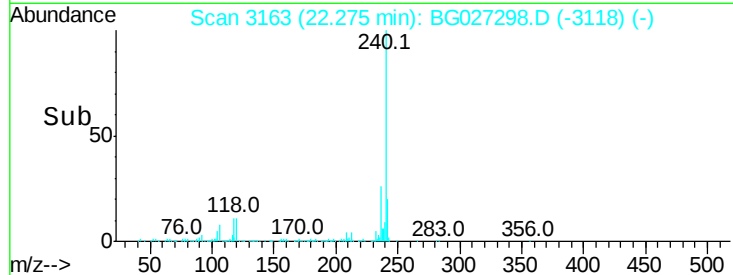
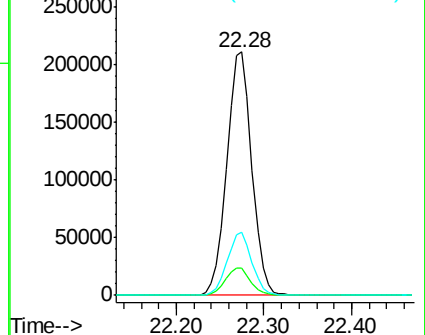
240 100

120 11.2 5.7 8.5#

236 26.0 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: 57.77 ng

RT: 20.47 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027298.D

Acq: 8 Jun 2017 00:32

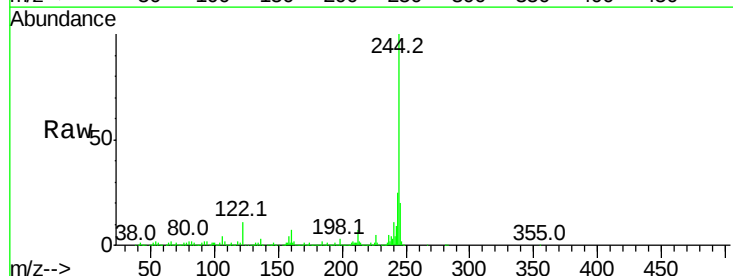
Tgt Ion:244 Resp: 933172

Ion Ratio Lower Upper

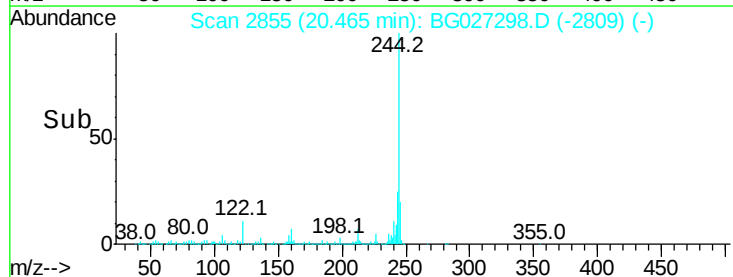
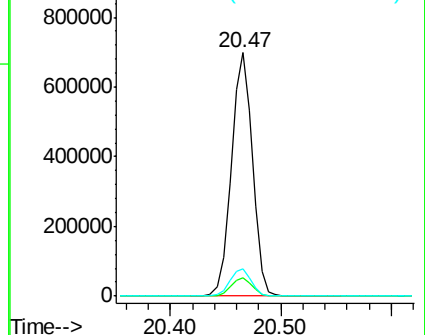
244 100

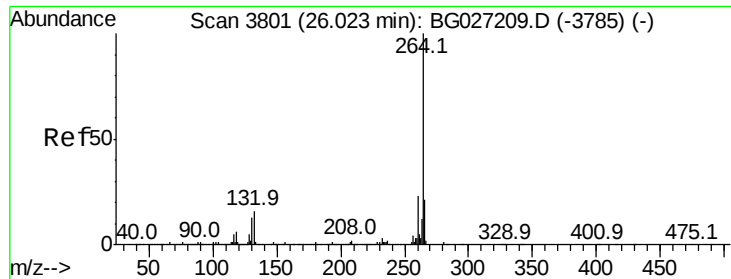
212 7.4 10.0 15.0#

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

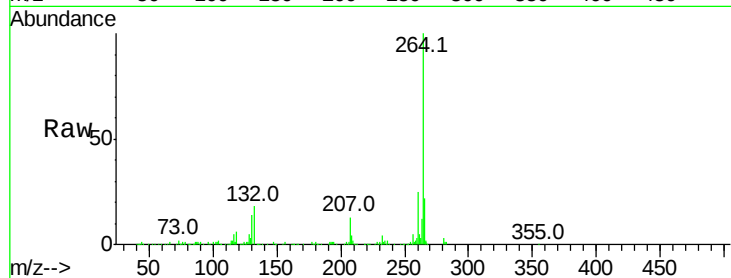




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.96 min Scan# 3790
 Delta R.T. -0.06 min
 Lab File: BG027298.D
 Acq: 8 Jun 2017 00:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.8	32.8
265	22.4	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

