

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027332.D
 Acq On : 9 Jun 2017 00:53
 Operator : SJ/MA
 Sample : I3479-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 05:51:09 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

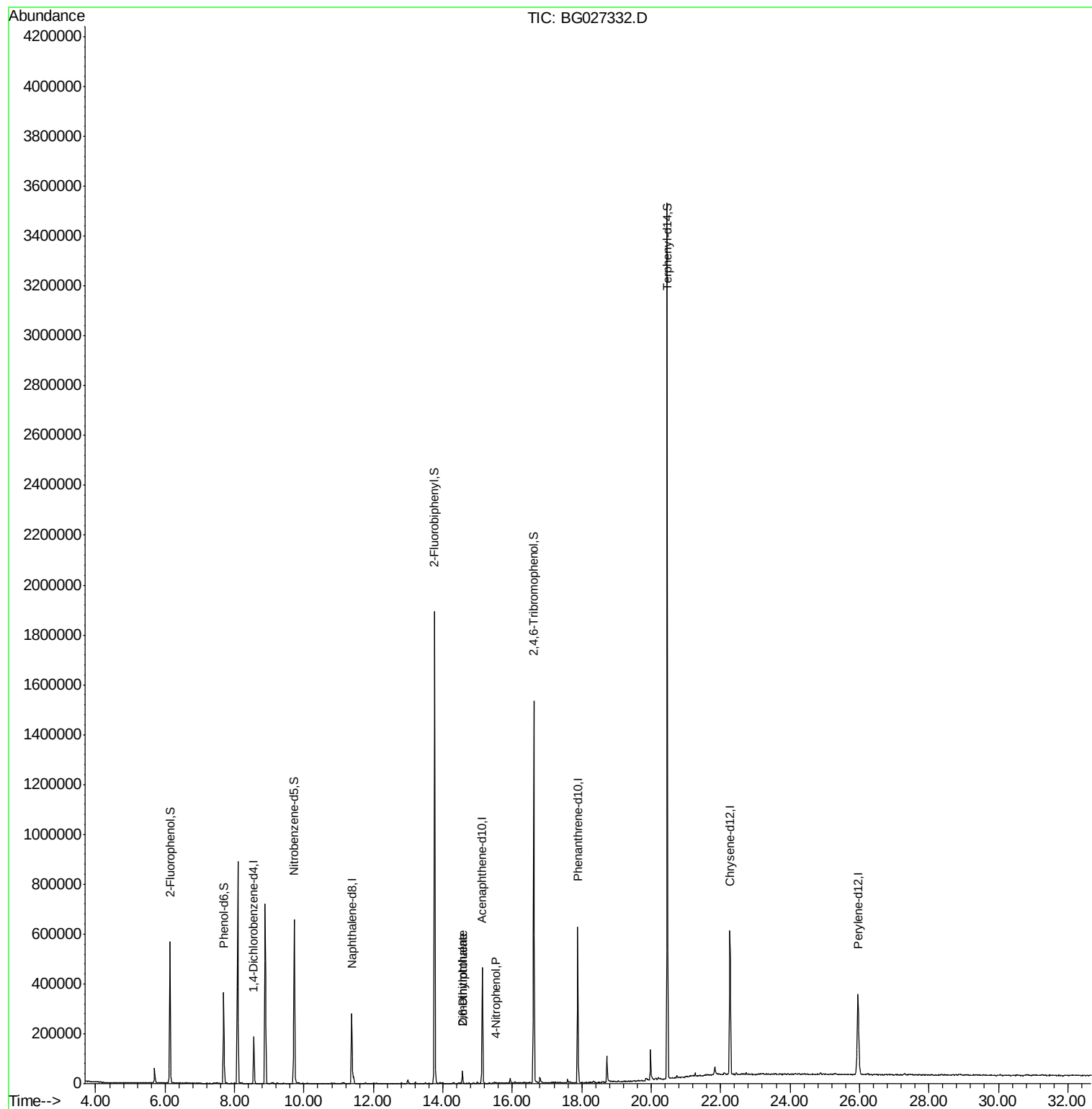
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	53055	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	251682	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	158618	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	381048	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	414532	20.00	ng	-0.04
86) Perylene-d12	25.95	264	392489	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	253676	72.96	ng	-0.02
7) Phenol-d6	7.69	99	230660	45.20	ng	-0.02
23) Nitrobenzene-d5	9.72	82	438772	109.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	313531	150.11	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	1000233	88.22	ng	-0.03
78) Terphenyl-d14	20.47	244	1533232	94.35	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.57	163	34102	2.71	ng	# 94
50) 2,6-Dinitrotoluene	14.57	165	256	5.70	ng	# 30
55) 4-Nitrophenol	15.53	139	65	6.15	ng	# 1

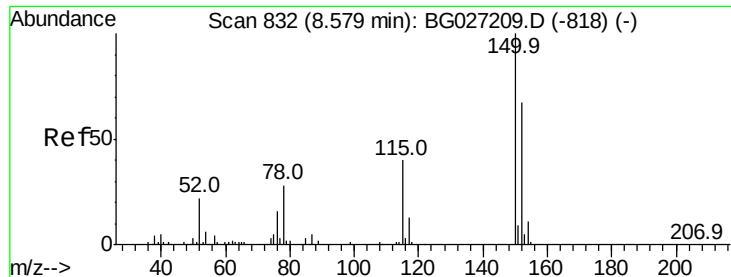
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 828

Delta R.T. -0.02 min

Lab File: BG027332.D

Acq: 9 Jun 2017 00:53

Instrument :

BNA_G

ClientSampleId :

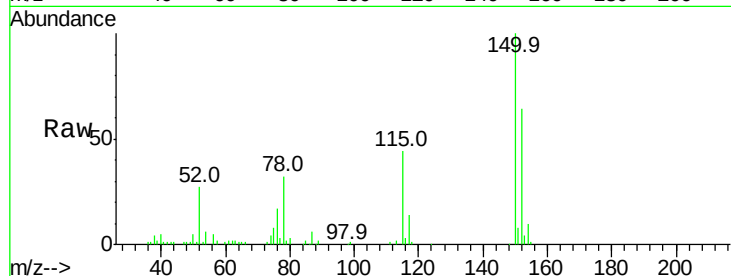
Tot Ion:152 Resp: 53055

Ion Ratio Lower Upper

152 100

150 156.1 114.0 171.0

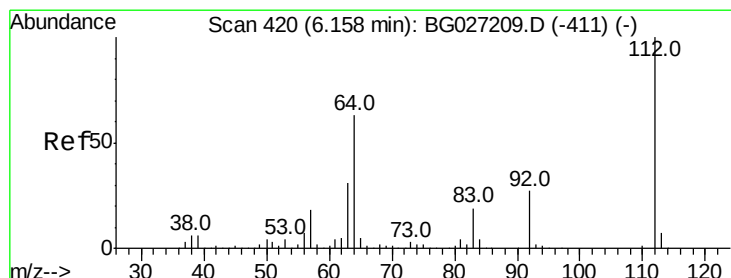
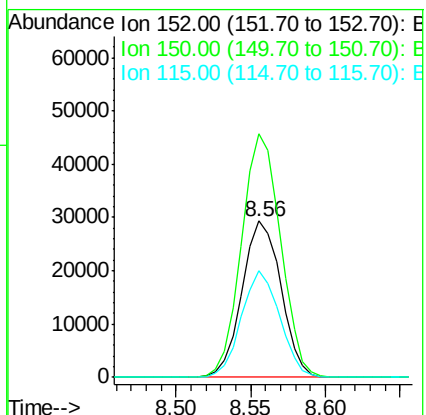
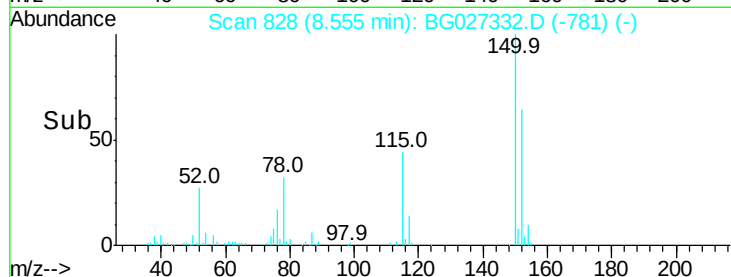
115 68.6 48.1 72.1



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: 72.96 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027332.D

Acq: 9 Jun 2017 00:53

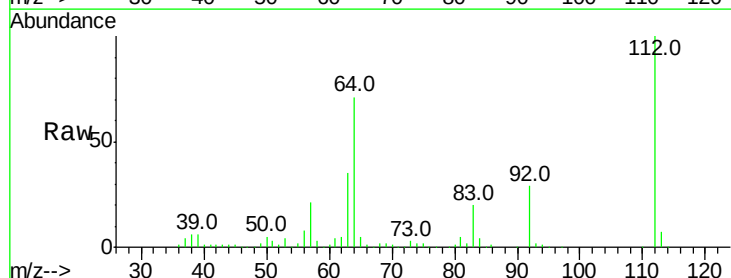
Tgt Ion:112 Resp: 253676

Ion Ratio Lower Upper

112 100

64 71.0 61.8 92.6

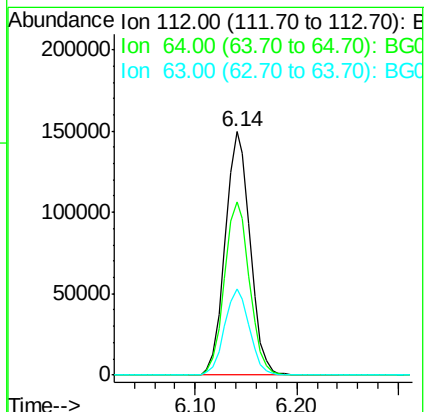
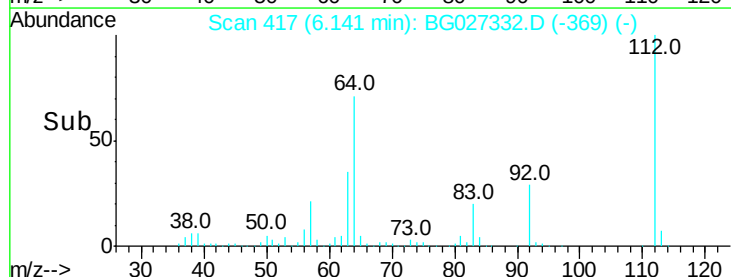
63 35.2 37.2 55.8#

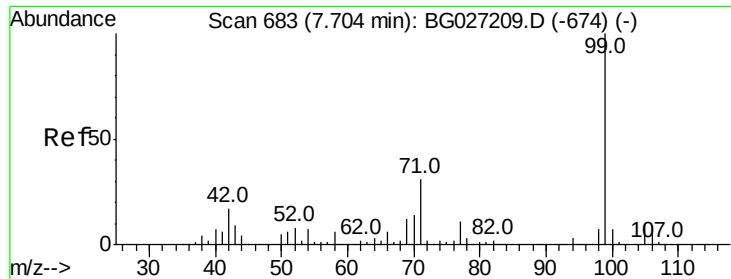


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 45.20 ng

RT: 7.69 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027332.D

Acq: 9 Jun 2017 00:53

Instrument :

BNA_G

ClientSampleId :

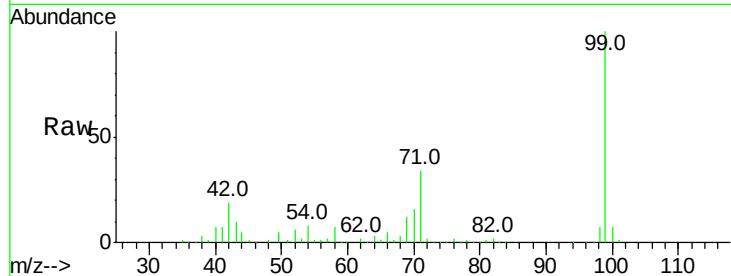
Tot Ion: 99 Resp: 230660

Ion Ratio Lower Upper

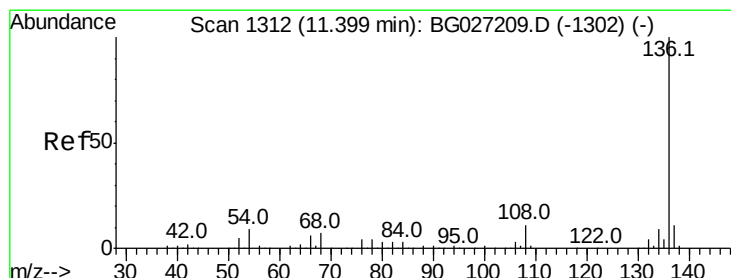
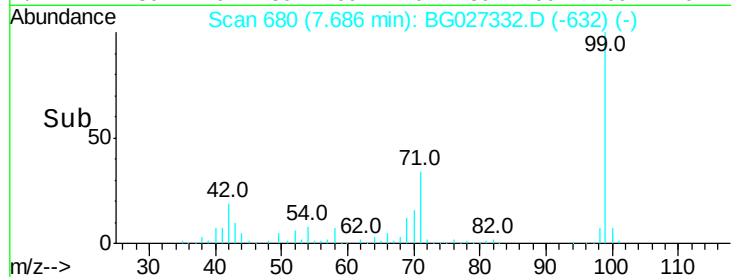
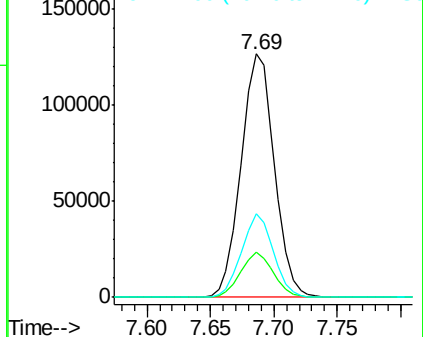
99 100

42 18.6 20.5 30.7#

71 34.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.38 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BG027332.D

Acq: 9 Jun 2017 00:53

Tgt Ion: 136 Resp: 251682

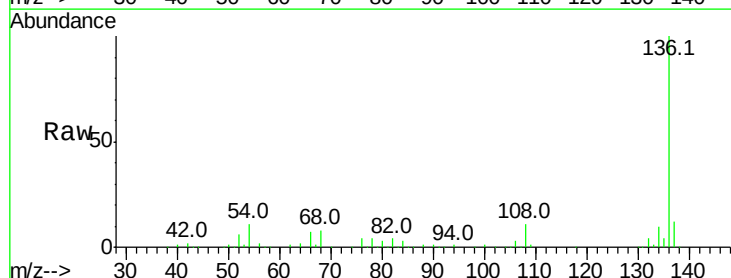
Ion Ratio Lower Upper

136 100

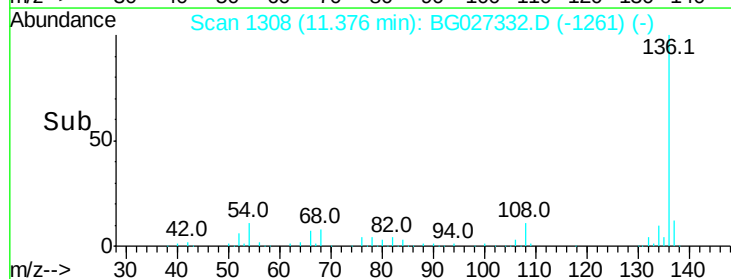
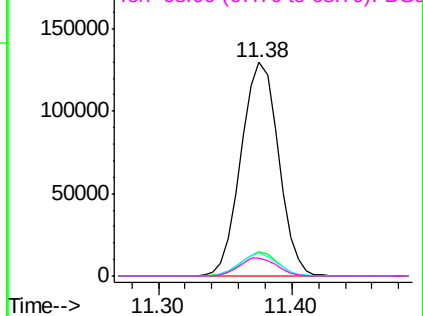
137 11.6 8.9 13.3

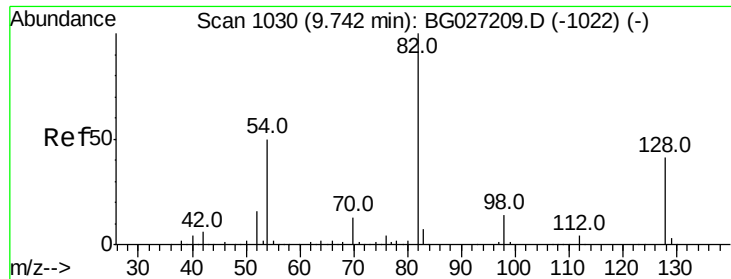
54 10.7 9.3 13.9

68 8.4 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

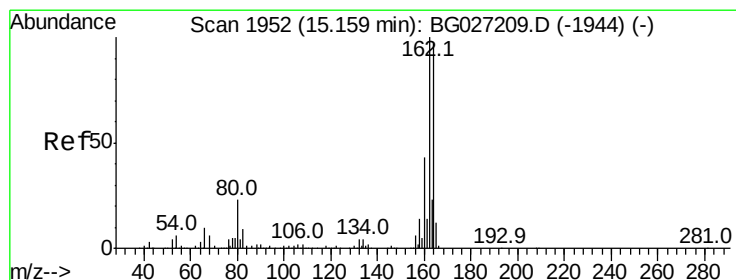
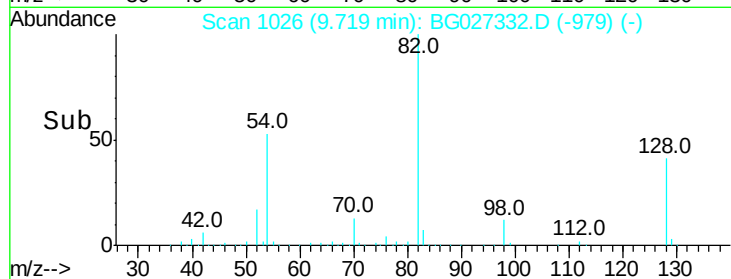
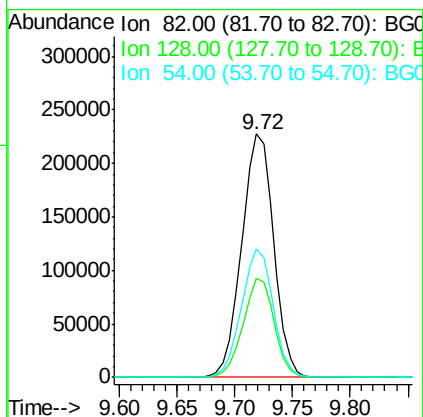
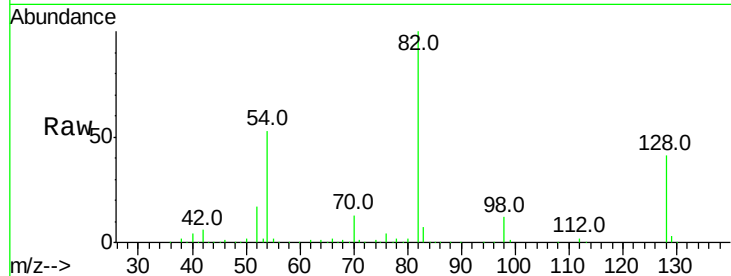




#23
 Nitrobenzene-d5
 Concen: 109.64 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027332.D
 Acq: 9 Jun 2017 00:53

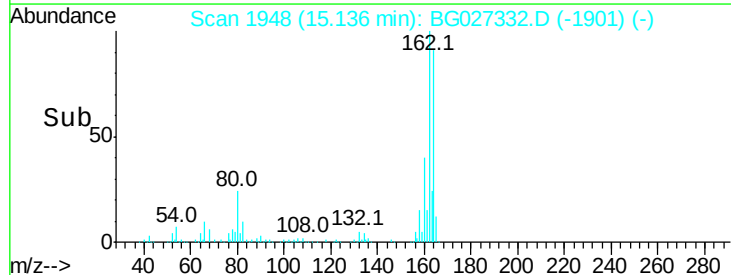
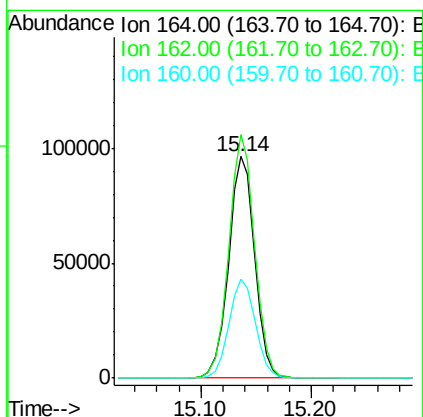
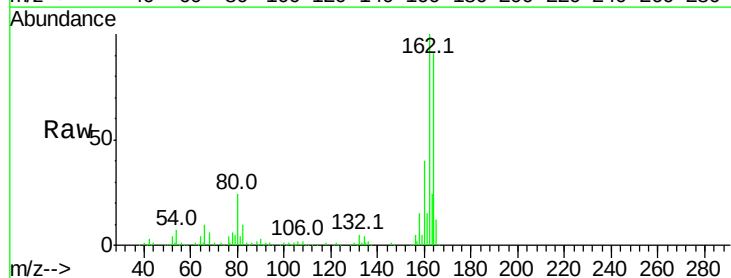
Instrument :
 BNA_G
 ClientSampleId :

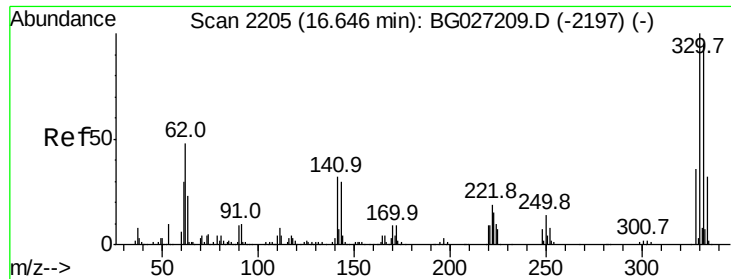
Tot Ion: 82 Resp: 438772
 Ion Ratio Lower Upper
 82 100
 128 40.9 26.4 39.6#
 54 52.6 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1948
 Delta R.T. -0.02 min
 Lab File: BG027332.D
 Acq: 9 Jun 2017 00:53

Tgt Ion:164 Resp: 158618
 Ion Ratio Lower Upper
 164 100
 162 109.8 85.1 127.7
 160 44.4 34.7 52.1

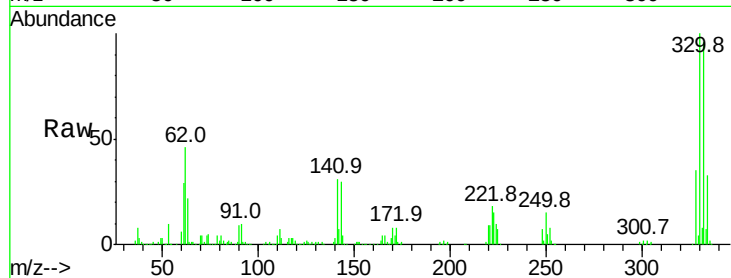




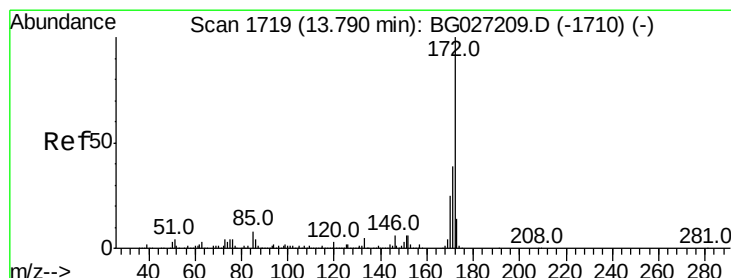
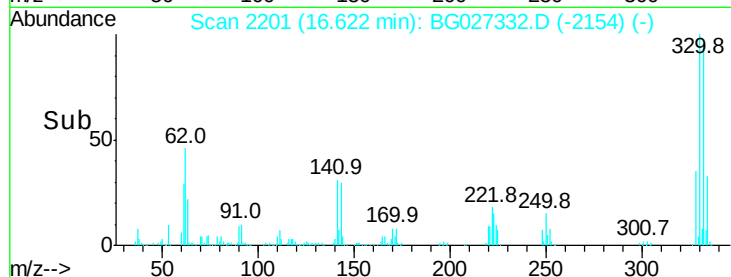
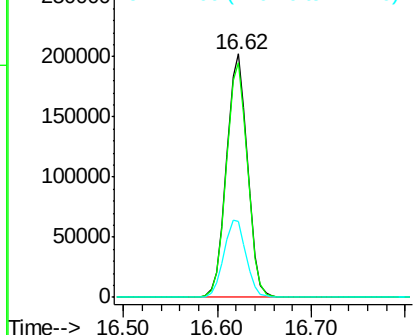
#41
 2,4,6-Tribromophenol
 Concen: 150.11 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027332.D
 Acq: 9 Jun 2017 00:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 313531
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 33.7 32.1 48.1

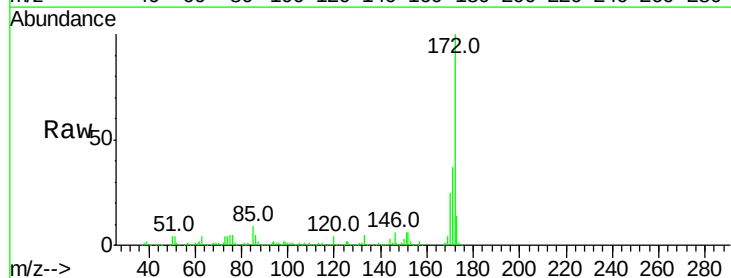


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

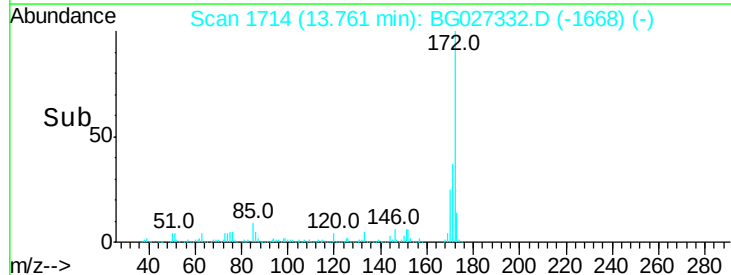
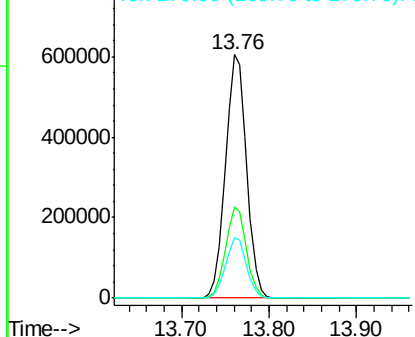


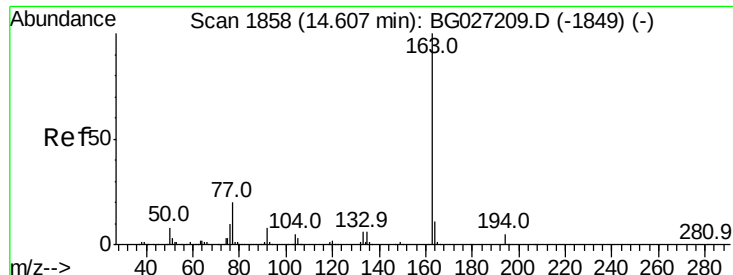
#44
 2-Fluorobiphenyl
 Concen: 88.22 ng
 RT: 13.76 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027332.D
 Acq: 9 Jun 2017 00:53

Tgt Ion:172 Resp: 1000233
 Ion Ratio Lower Upper
 172 100
 171 37.3 32.2 48.2
 170 24.7 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.71 ng

RT: 14.57 min Scan# 1852

Delta R.T. -0.04 min

Lab File: BG027332.D

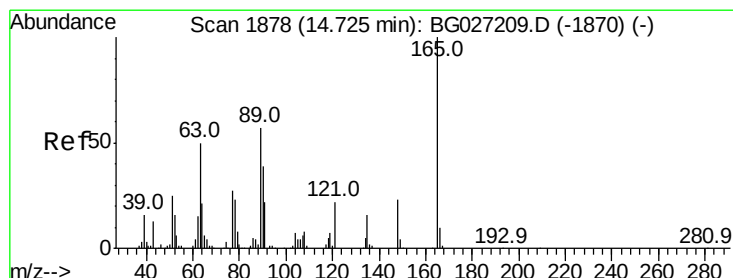
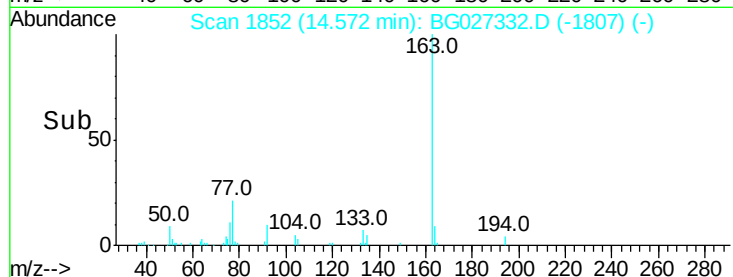
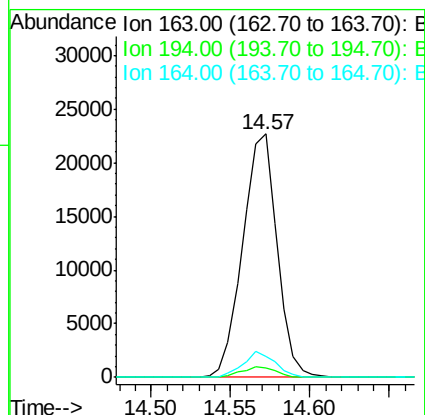
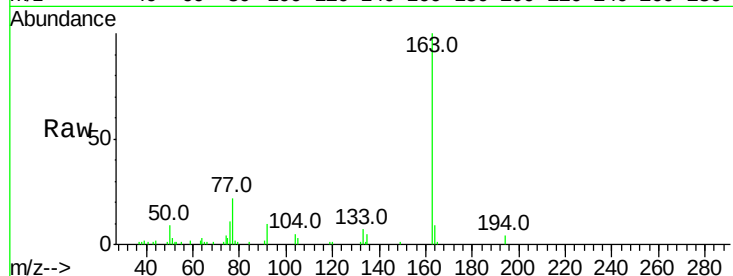
Acq: 9 Jun 2017 00:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	163	Resp:	34102
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.8	5.6
164	8.7	9.3	13.9#



#50

2,6-Dinitrotoluene

Concen: 5.70 ng

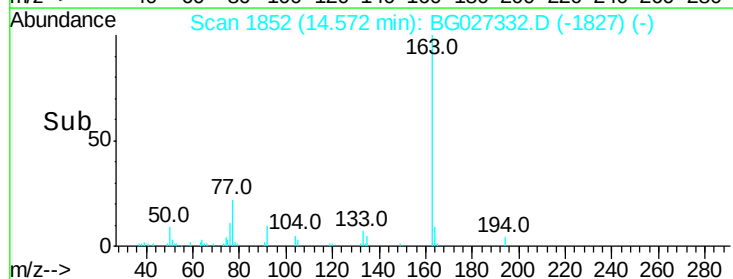
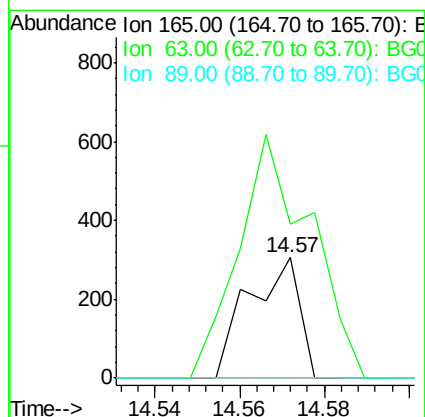
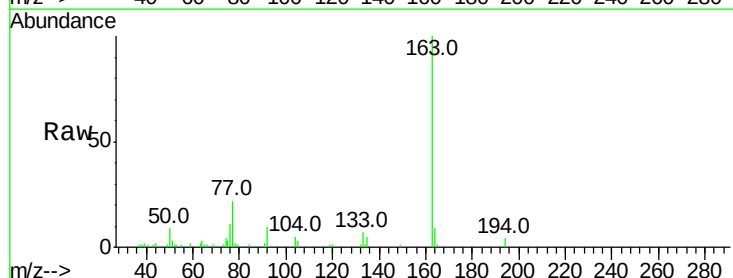
RT: 14.57 min Scan# 1852

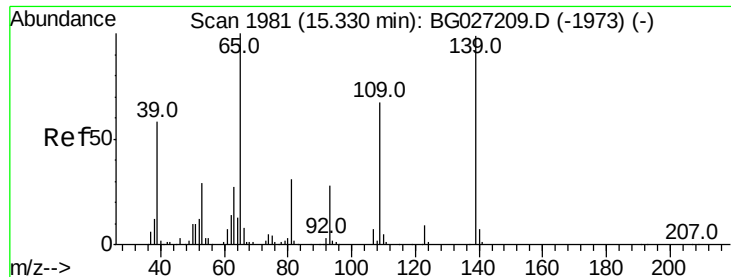
Delta R.T. -0.15 min

Lab File: BG027332.D

Acq: 9 Jun 2017 00:53

Tgt Ion:	165	Resp:	256
Ion	Ratio	Lower	Upper
165	100		
63	127.5	63.9	95.9#
89	0.0	58.6	88.0#

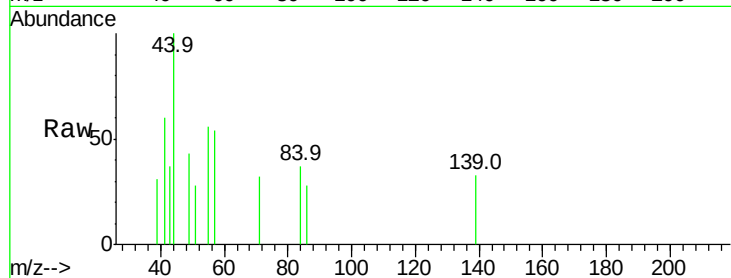




#55
4-Nitrophenol
Concen: 6.15 ng
RT: 15.53 min Scan# 2015
Delta R.T. 0.20 min
Lab File: BG027332.D
Acq: 9 Jun 2017 00:53

Instrument :
BNA_G
ClientSampleId :

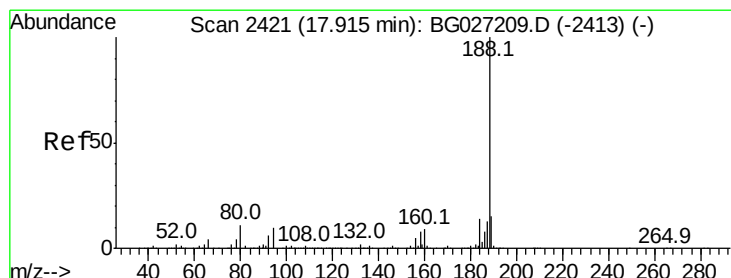
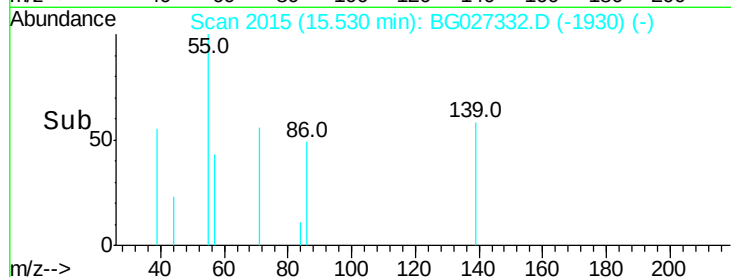
Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

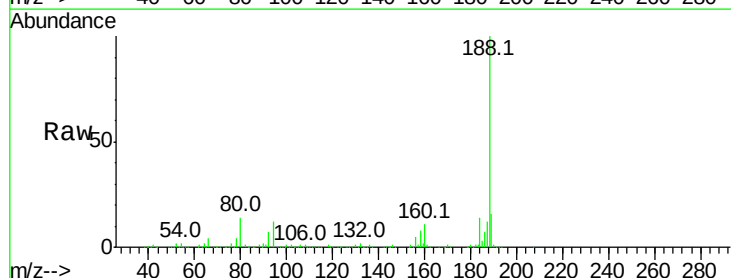
15.53

Time-->



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027332.D
Acq: 9 Jun 2017 00:53

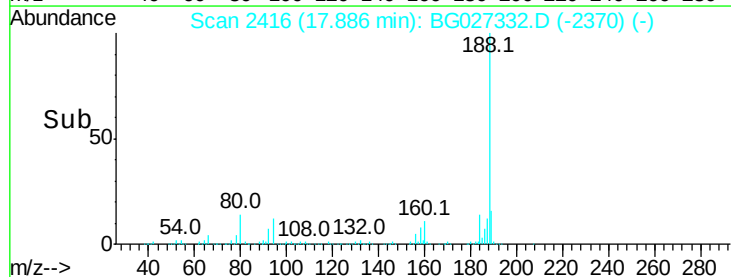
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	5.8	8.8#
80	13.7	7.5	11.3#

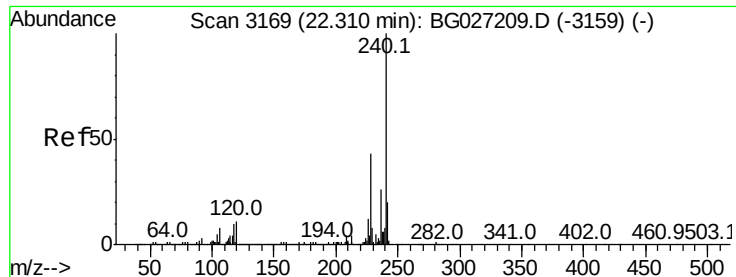


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

17.89

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027332.D

Acq: 9 Jun 2017 00:53

Instrument :

BNA_G

ClientSampleId :

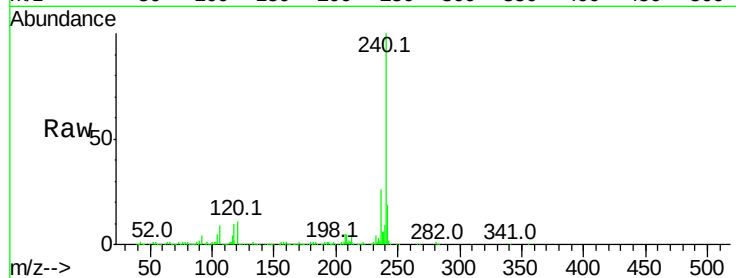
Tot Ion:240 Resp: 414532

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

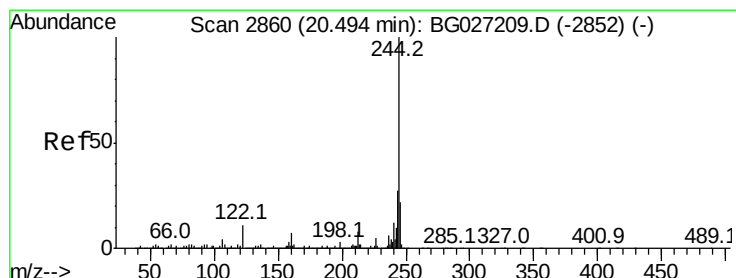
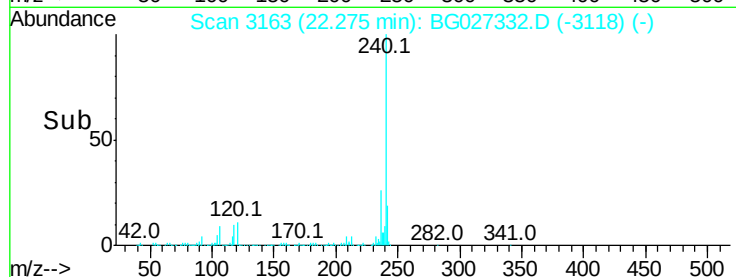
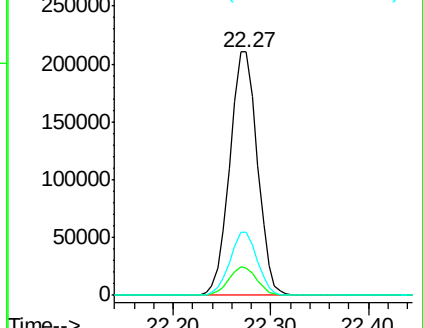
236 26.1 22.2 33.4



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: 94.35 ng

RT: 20.47 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027332.D

Acq: 9 Jun 2017 00:53

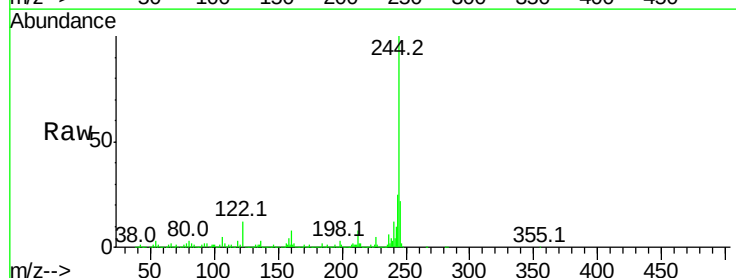
Tgt Ion:244 Resp: 1533232

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

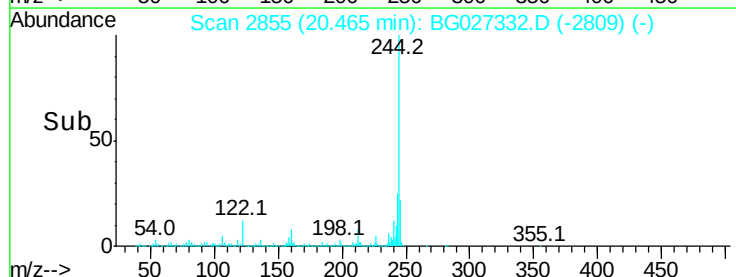
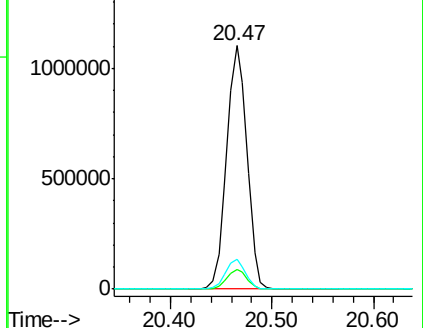
122 12.0 8.6 12.8

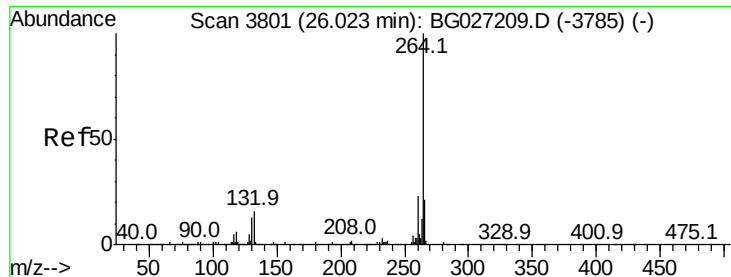


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

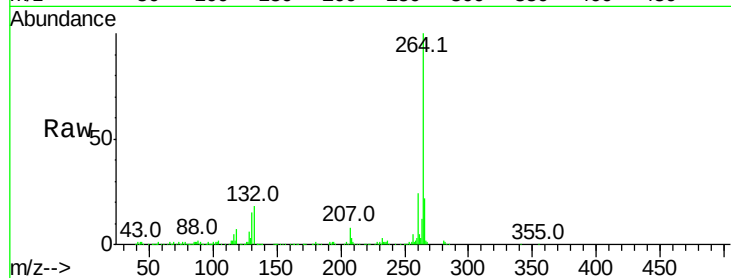




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.95 min Scan# 3789
Delta R.T. -0.07 min
Lab File: BG027332.D
Acq: 9 Jun 2017 00:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	21.6	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

