

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027342.D
 Acq On : 9 Jun 2017 8:13
 Operator : SJ/MA
 Sample : I3460-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 10:57:31 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

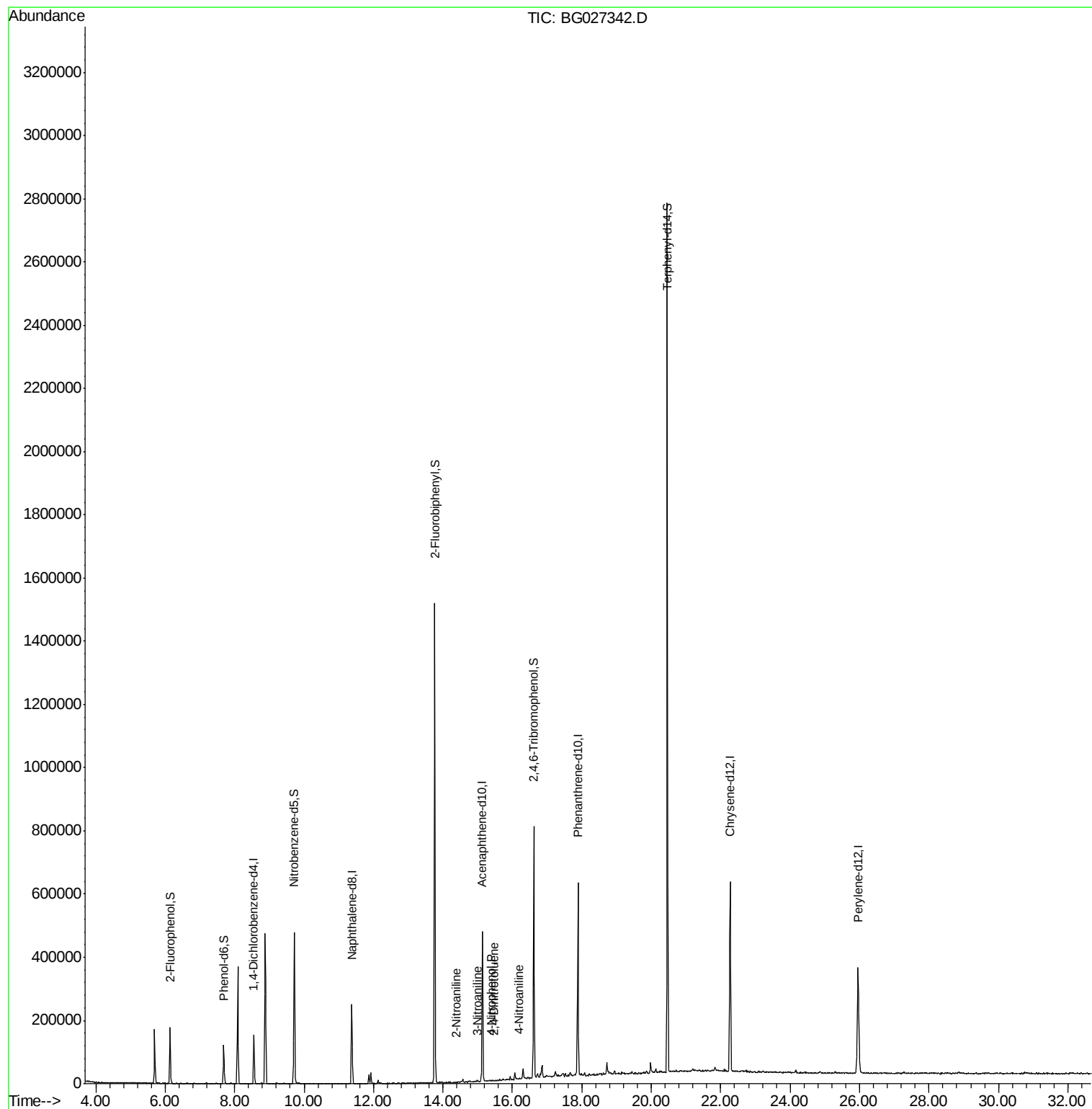
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	43963	20.00	ng	-0.03
21) Naphthalene-d8	11.37	136	223208	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	163477	20.00	ng	-0.03
63) Phenanthrene-d10	17.89	188	403039	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	411850	20.00	ng	-0.04
86) Perylene-d12	25.96	264	390741	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	82868	28.76	ng	-0.02
7) Phenol-d6	7.69	99	79313	18.75	ng	-0.01
23) Nitrobenzene-d5	9.72	82	318963	89.87	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	156316	72.61	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	797813	68.27	ng	-0.03
78) Terphenyl-d14	20.46	244	1244458	77.08	ng	-0.03
Target Compounds						
47) 2-Nitroaniline	14.37	65	56	6.85	ng	# 16
52) 3-Nitroaniline	14.98	138	57	5.73	ng	# 1
55) 4-Nitrophenol	15.39	139	58	6.15	ng	# 31
56) 2,4-Dinitrotoluene	15.49	165	66	7.00	ng	# 16
61) 4-Nitroaniline	16.19	138	114	5.93	ng	# 57

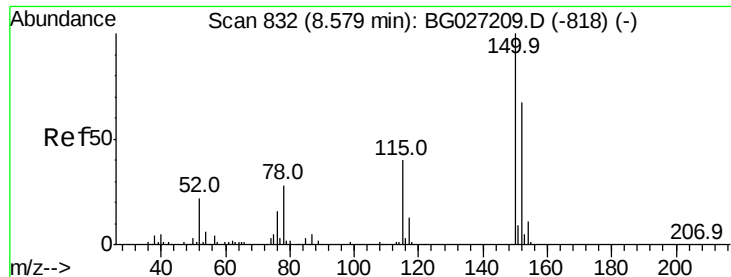
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.55 min Scan# 828

Delta R.T. -0.03 min

Lab File: BG027342.D

Acq: 9 Jun 2017 8:13

Instrument :

BNA_G

ClientSampleId :

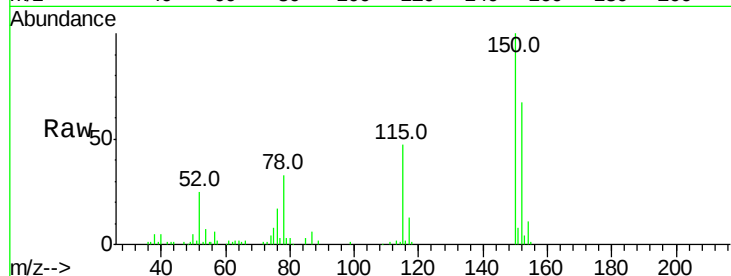
Tot Ion:152 Resp: 43963

Ion Ratio Lower Upper

152 100

150 148.9 114.0 171.0

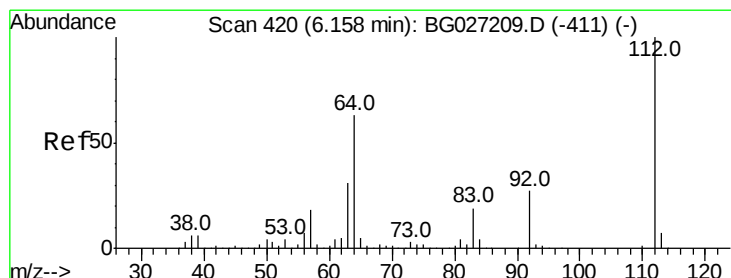
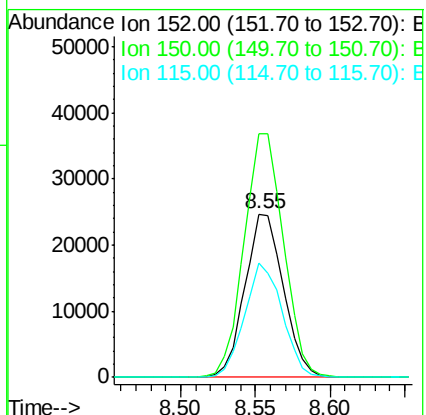
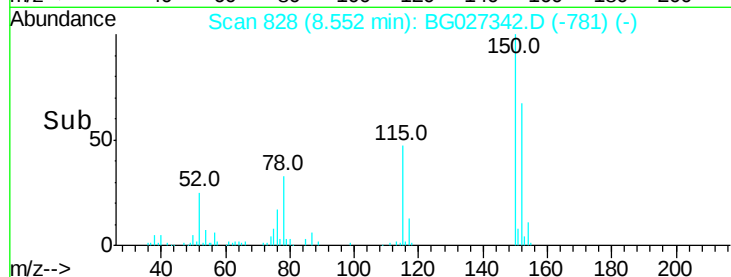
115 69.7 48.1 72.1



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: 28.76 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027342.D

Acq: 9 Jun 2017 8:13

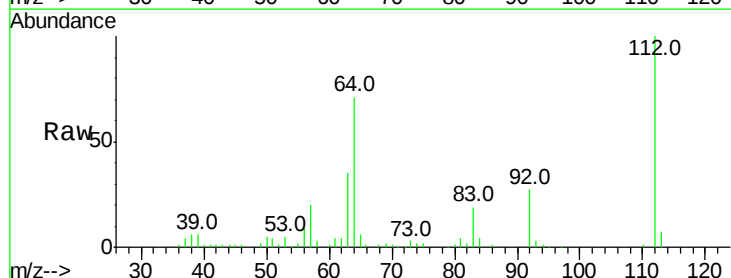
Tgt Ion:112 Resp: 82868

Ion Ratio Lower Upper

112 100

64 71.3 61.8 92.6

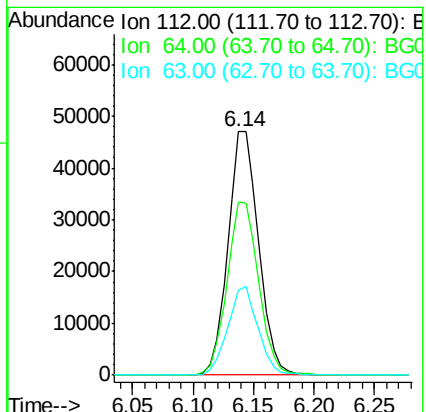
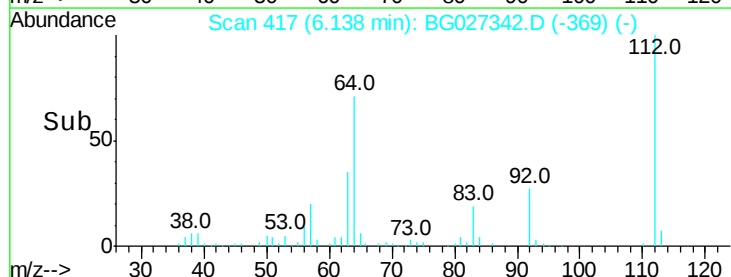
63 35.0 37.2 55.8#

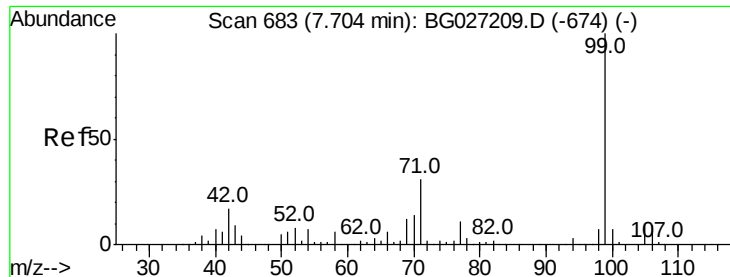


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 18.75 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027342.D

Acq: 9 Jun 2017 8:13

Instrument :

BNA_G

ClientSampled :

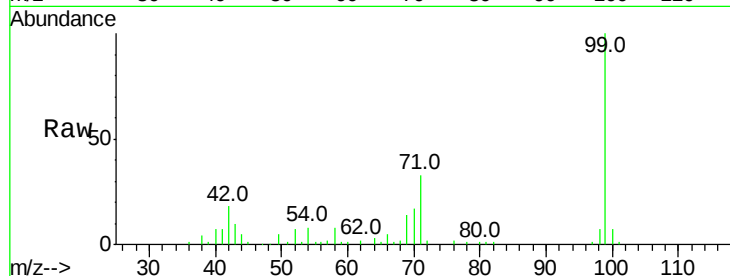
Tot Ion: 99 Resp: 79313

Ion Ratio Lower Upper

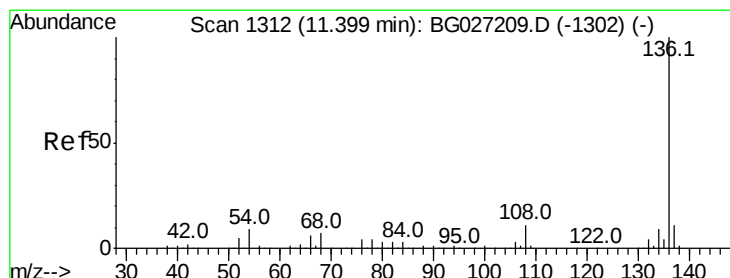
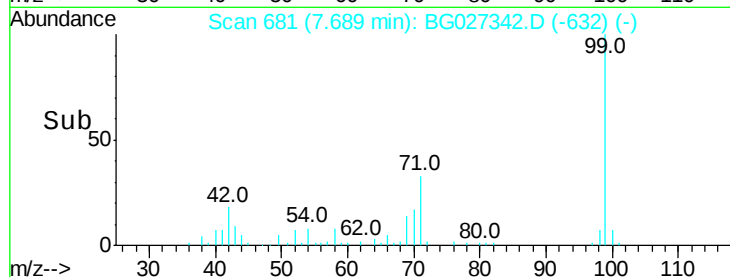
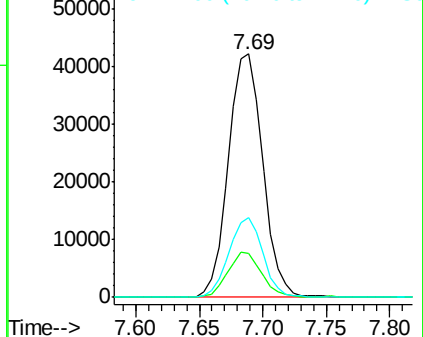
99 100

42 17.9 20.5 30.7#

71 32.7 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: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027342.D

Acq: 9 Jun 2017 8:13

Tgt Ion: 136 Resp: 223208

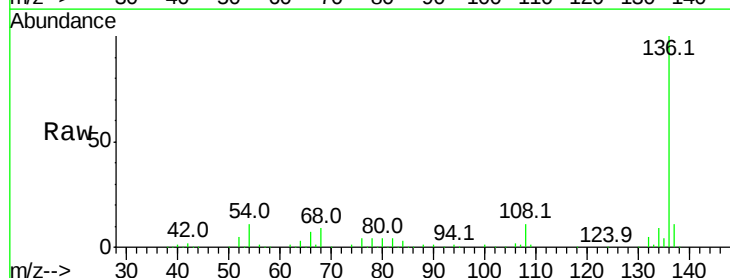
Ion Ratio Lower Upper

136 100

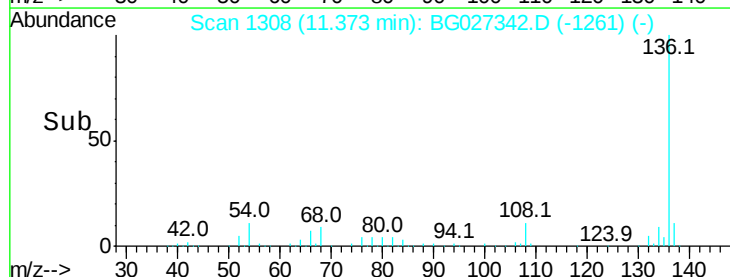
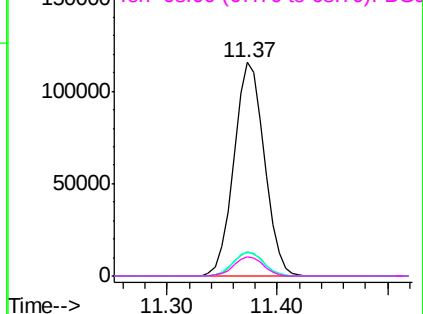
137 11.2 8.9 13.3

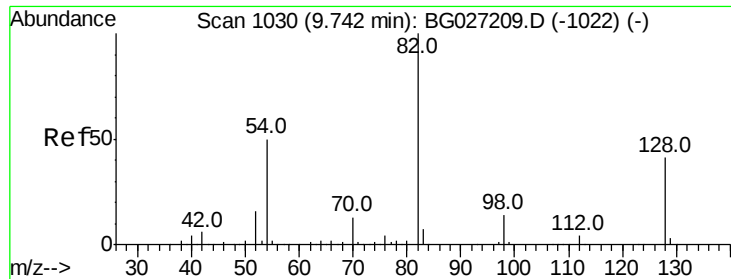
54 10.8 9.3 13.9

68 8.8 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

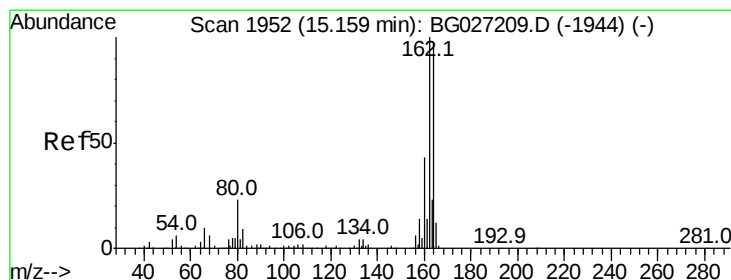
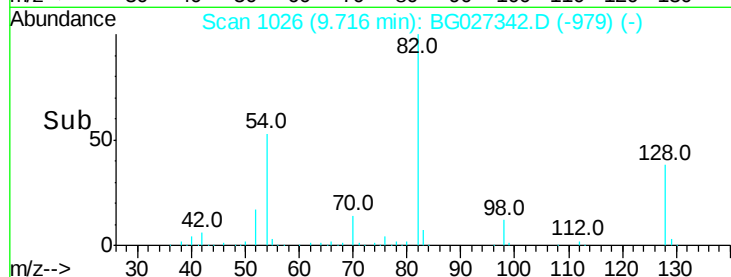
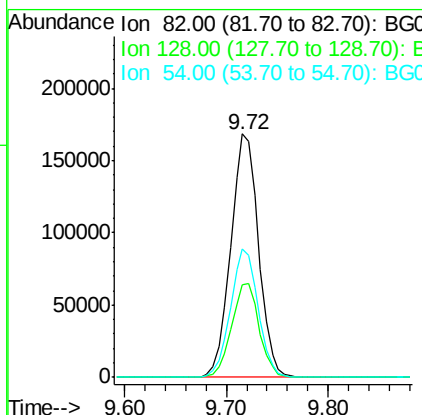
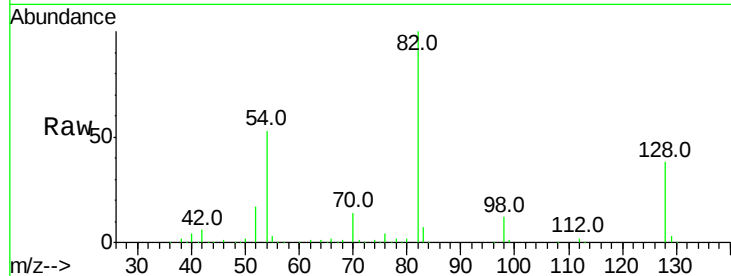




#23
 Nitrobenzene-d5
 Concen: 89.87 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027342.D
 Acq: 9 Jun 2017 8:13

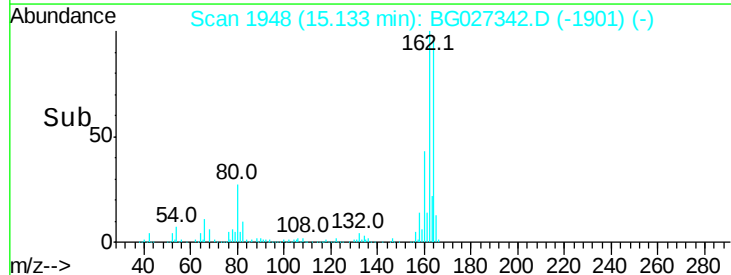
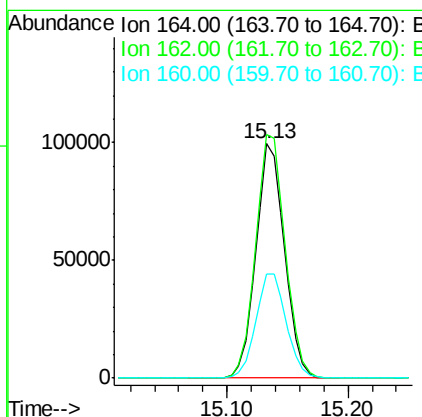
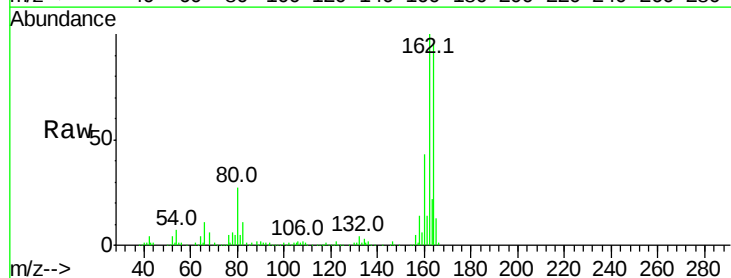
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	318963
Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.4	39.6
54	52.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BG027342.D
 Acq: 9 Jun 2017 8:13

Tgt Ion	164	Resp	163477
Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	44.3	34.7	52.1

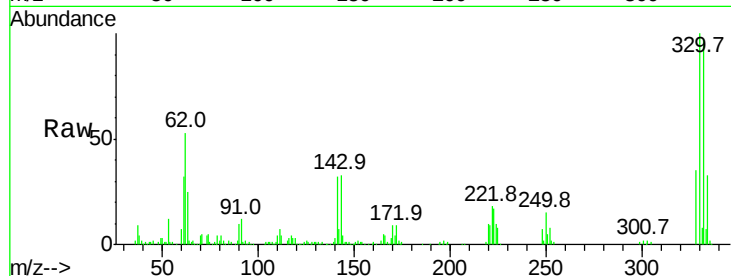




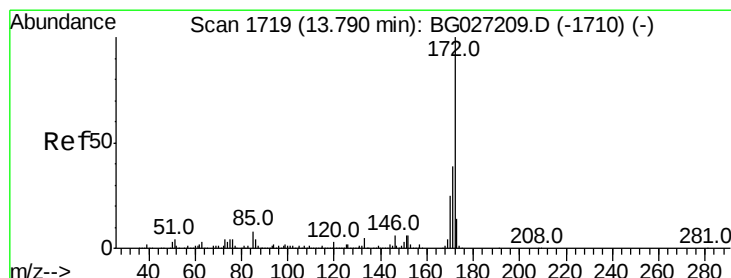
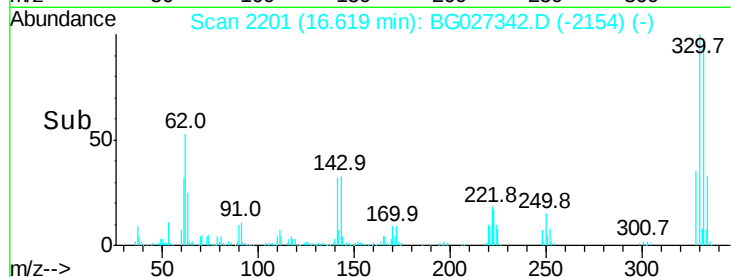
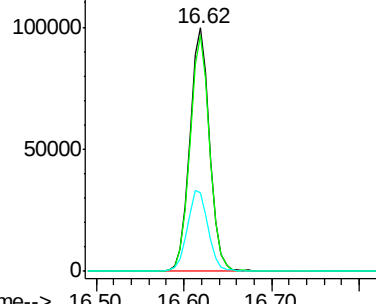
#41
 2,4,6-Tribromophenol
 Concen: 72.61 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027342.D
 Acq: 9 Jun 2017 8:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	35.2	32.1	48.1

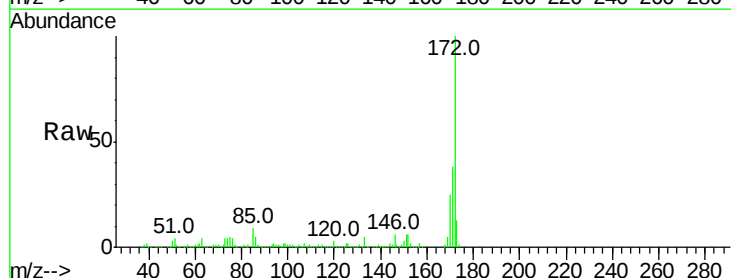


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

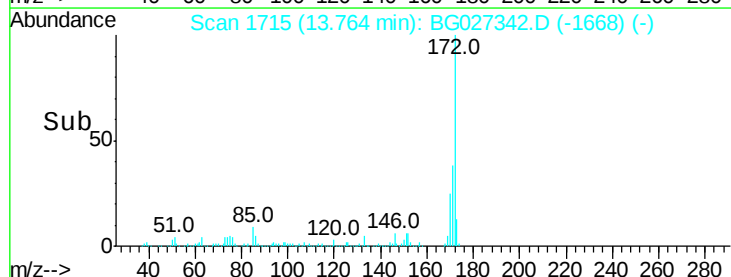
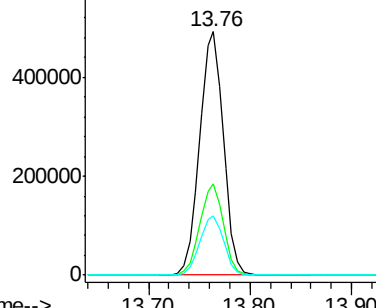


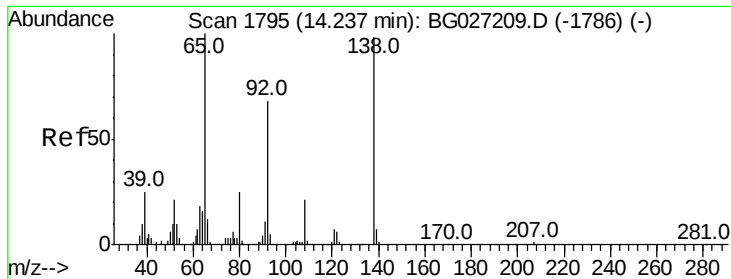
#44
 2-Fluorobiphenyl
 Concen: 68.27 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027342.D
 Acq: 9 Jun 2017 8:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	24.6	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

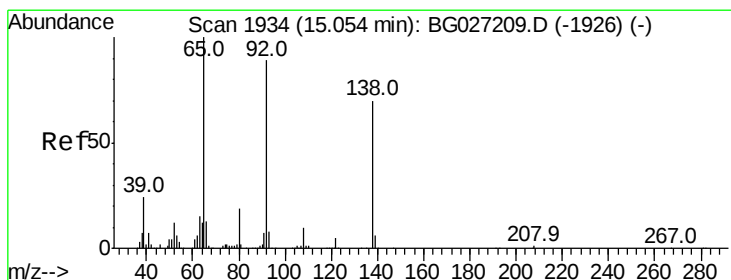
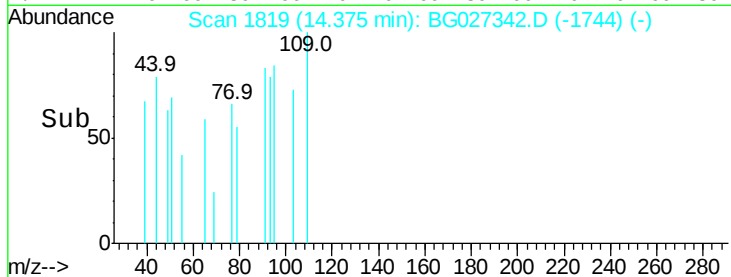
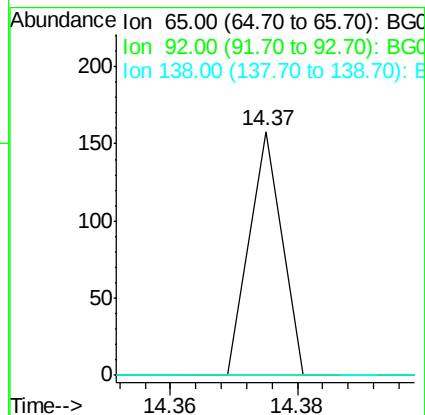
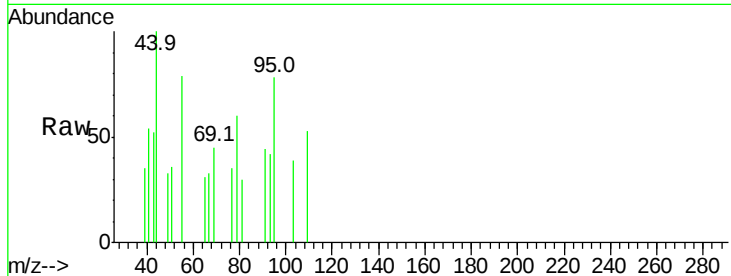




#47
2-Nitroaniline
Concen: 6.85 ng
RT: 14.37 min Scan# 1819
Delta R.T. 0.14 min
Lab File: BG027342.D
Acq: 9 Jun 2017 8:13

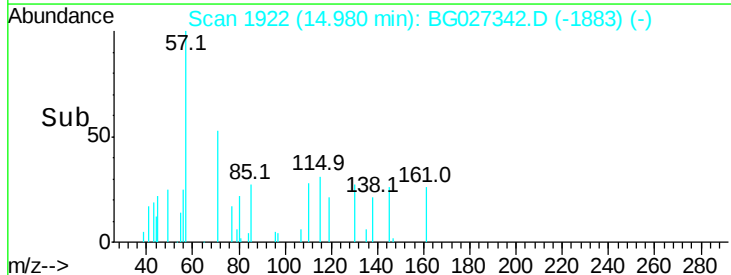
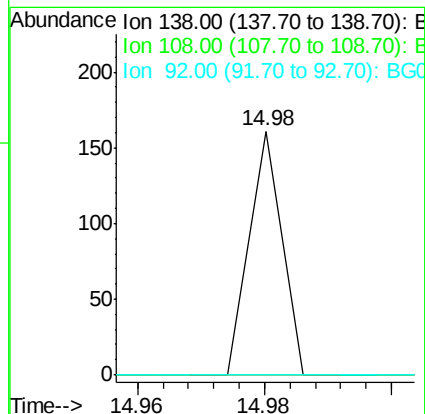
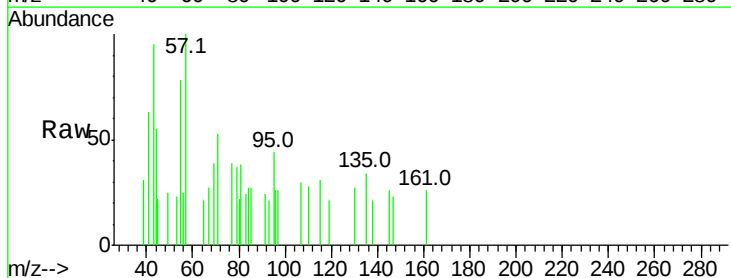
Instrument :
BNA_G
ClientSampleId :

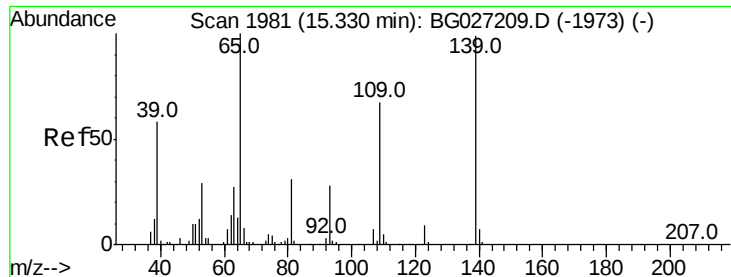
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.4#
138	0.0	58.6	87.8#



#52
3-Nitroaniline
Concen: 5.73 ng
RT: 14.98 min Scan# 1922
Delta R.T. -0.07 min
Lab File: BG027342.D
Acq: 9 Jun 2017 8:13

Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	10.9	16.3#
92	0.0	115.3	172.9#

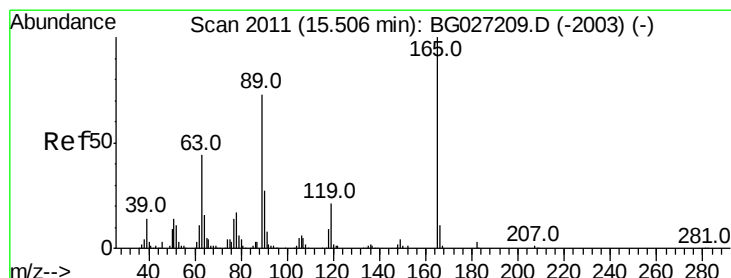
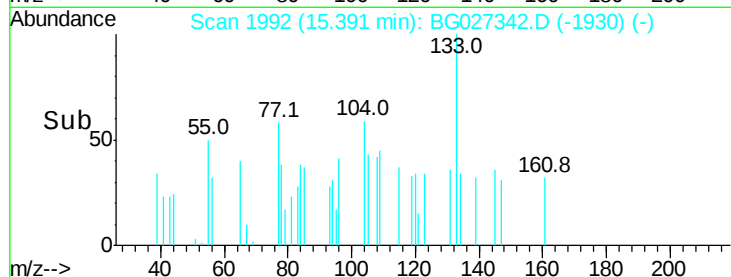
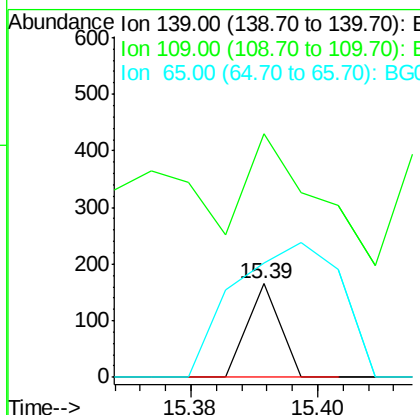
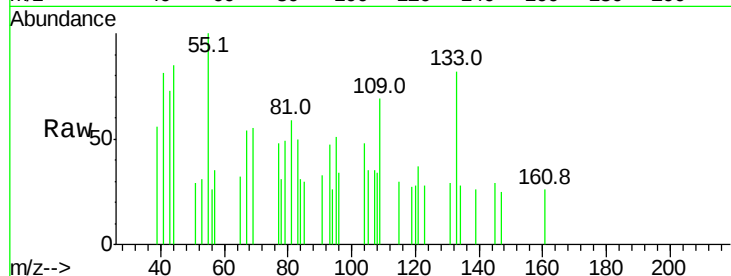




#55
4-Nitrophenol
Concen: 6.15 ng
RT: 15.39 min Scan# 1992
Delta R.T. 0.06 min
Lab File: BG027342.D
Acq: 9 Jun 2017 8:13

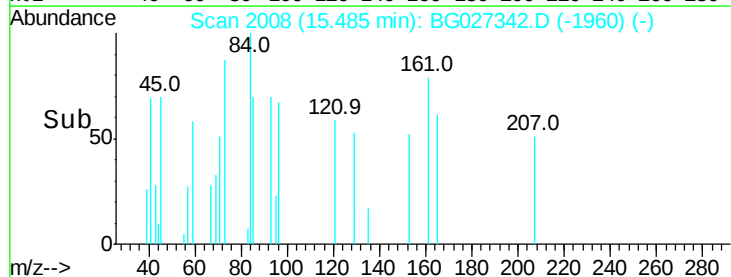
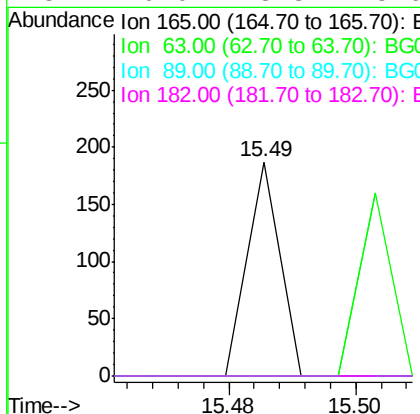
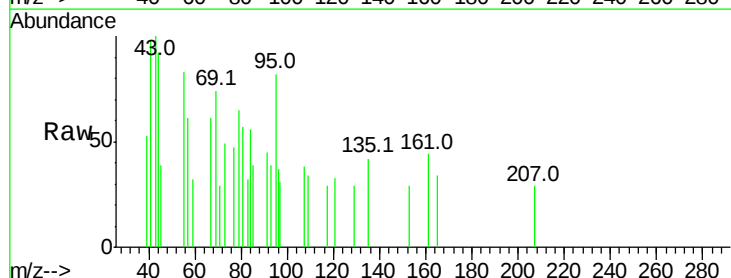
Instrument :
BNA_G
ClientSampled :

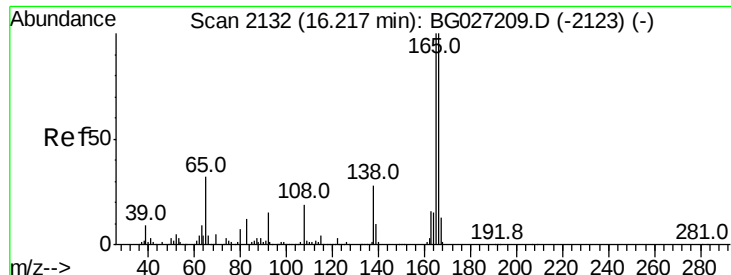
Tot Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 260.6 101.2 141.2#
65 122.4 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 7.00 ng
RT: 15.49 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG027342.D
Acq: 9 Jun 2017 8:13

Tgt Ion:165 Resp: 66
Ion Ratio Lower Upper
165 100
63 0.0 44.0 66.0#
89 0.0 67.3 100.9#
182 0.0 3.8 5.6#





#61

4-Nitroaniline

Concen: 5.93 ng

RT: 16.19 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BG027342.D

Acq: 9 Jun 2017 8:13

Instrument :

BNA_G

ClientSampleId :

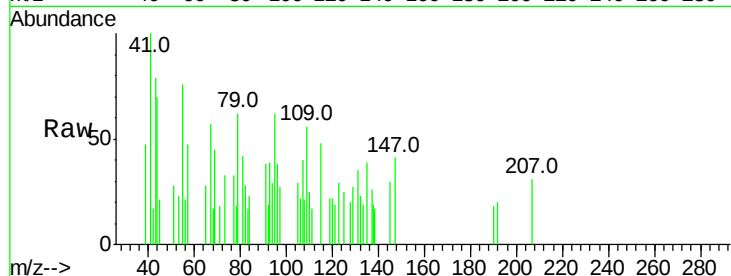
Tot Ion:138 Resp: 114

Ion Ratio Lower Upper

138 100

92 54.8 44.2 84.2

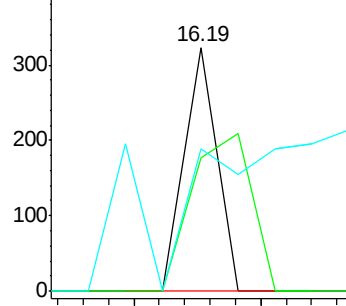
108 58.5 104.8 144.8#



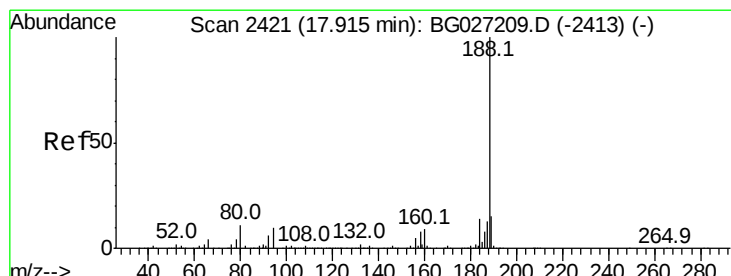
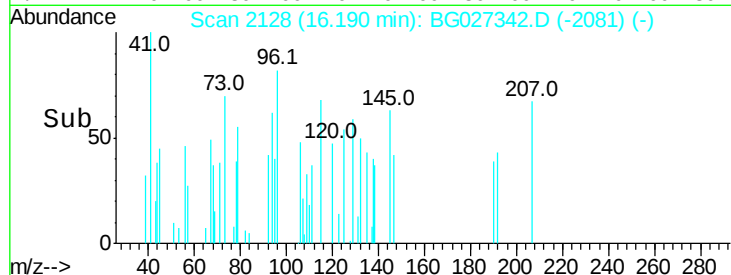
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.89 min Scan# 2417

Delta R.T. -0.03 min

Lab File: BG027342.D

Acq: 9 Jun 2017 8:13

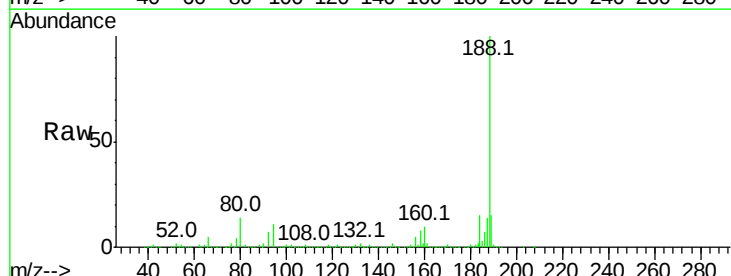
Tgt Ion:188 Resp: 403039

Ion Ratio Lower Upper

188 100

94 10.9 5.8 8.8#

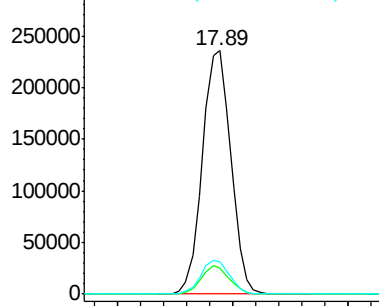
80 13.5 7.5 11.3#



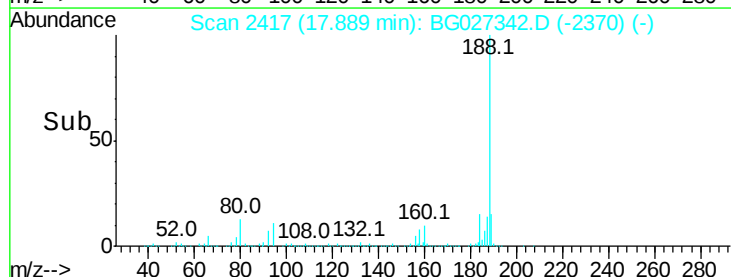
Abundance Ion 188.00 (187.70 to 188.70): E

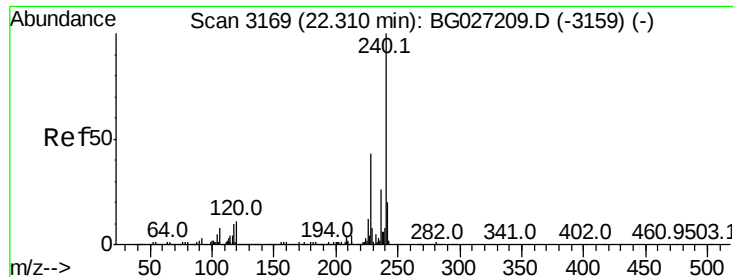
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027342.D

Acq: 9 Jun 2017 8:13

Instrument :

BNA_G

ClientSampleId :

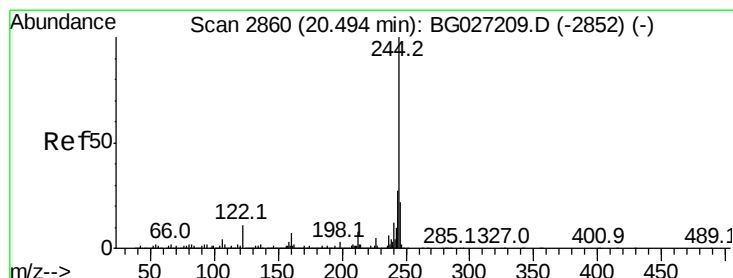
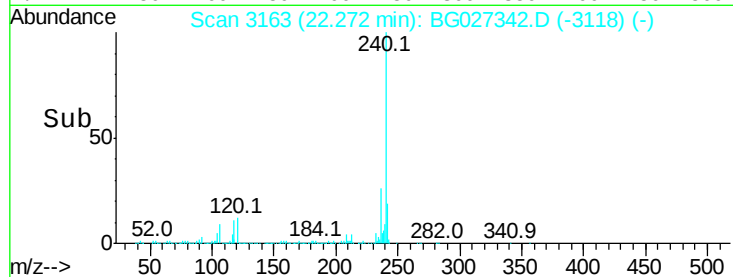
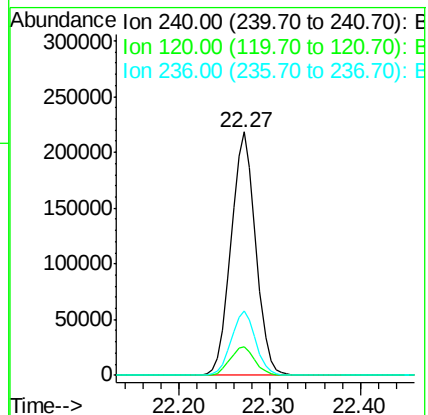
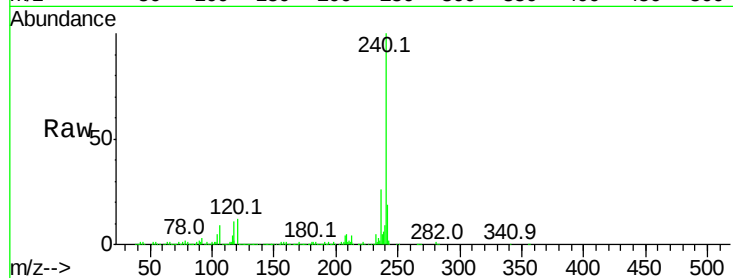
Tot Ion:240 Resp: 411850

Ion Ratio Lower Upper

240 100

120 11.7 5.7 8.5#

236 26.3 22.2 33.4



#78

Terphenyl-d14

Concen: 77.08 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027342.D

Acq: 9 Jun 2017 8:13

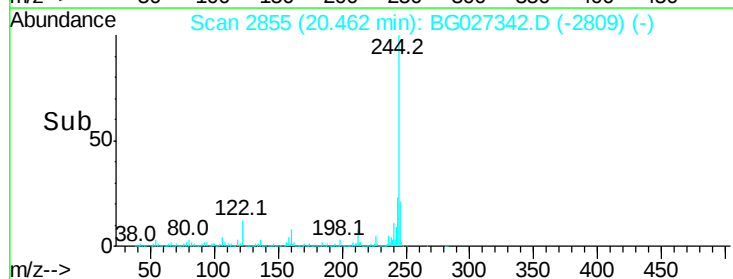
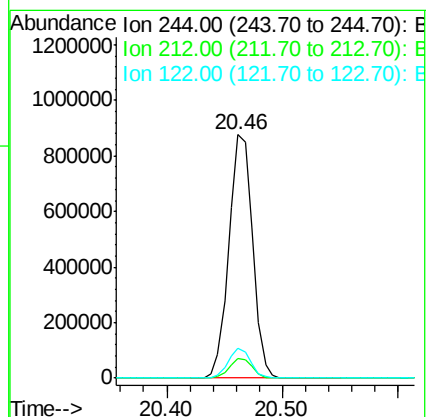
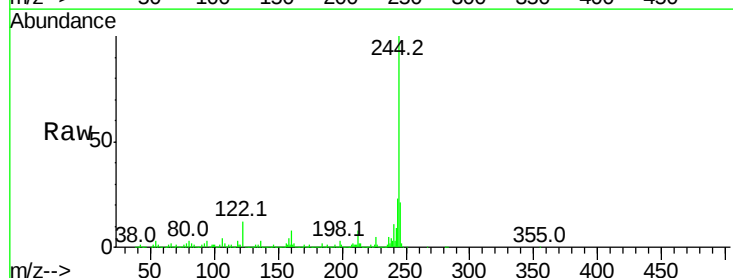
Tgt Ion:244 Resp: 1244458

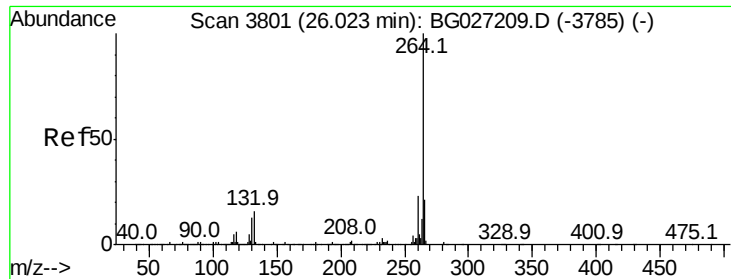
Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

122 12.3 8.6 12.8

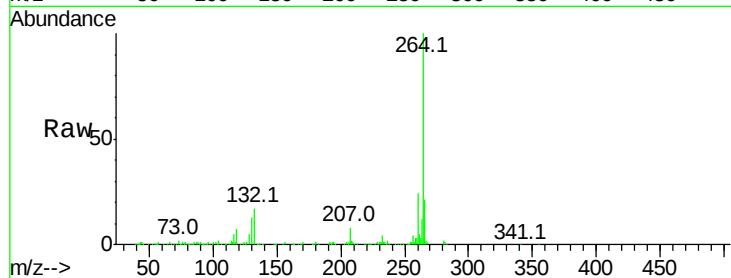




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.96 min Scan# 3791
Delta R.T. -0.06 min
Lab File: BG027342.D
Acq: 9 Jun 2017 8:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	21.5	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

