

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027333.D
 Acq On : 9 Jun 2017 1:32
 Operator : SJ/MA
 Sample : I3479-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 05:51:22 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

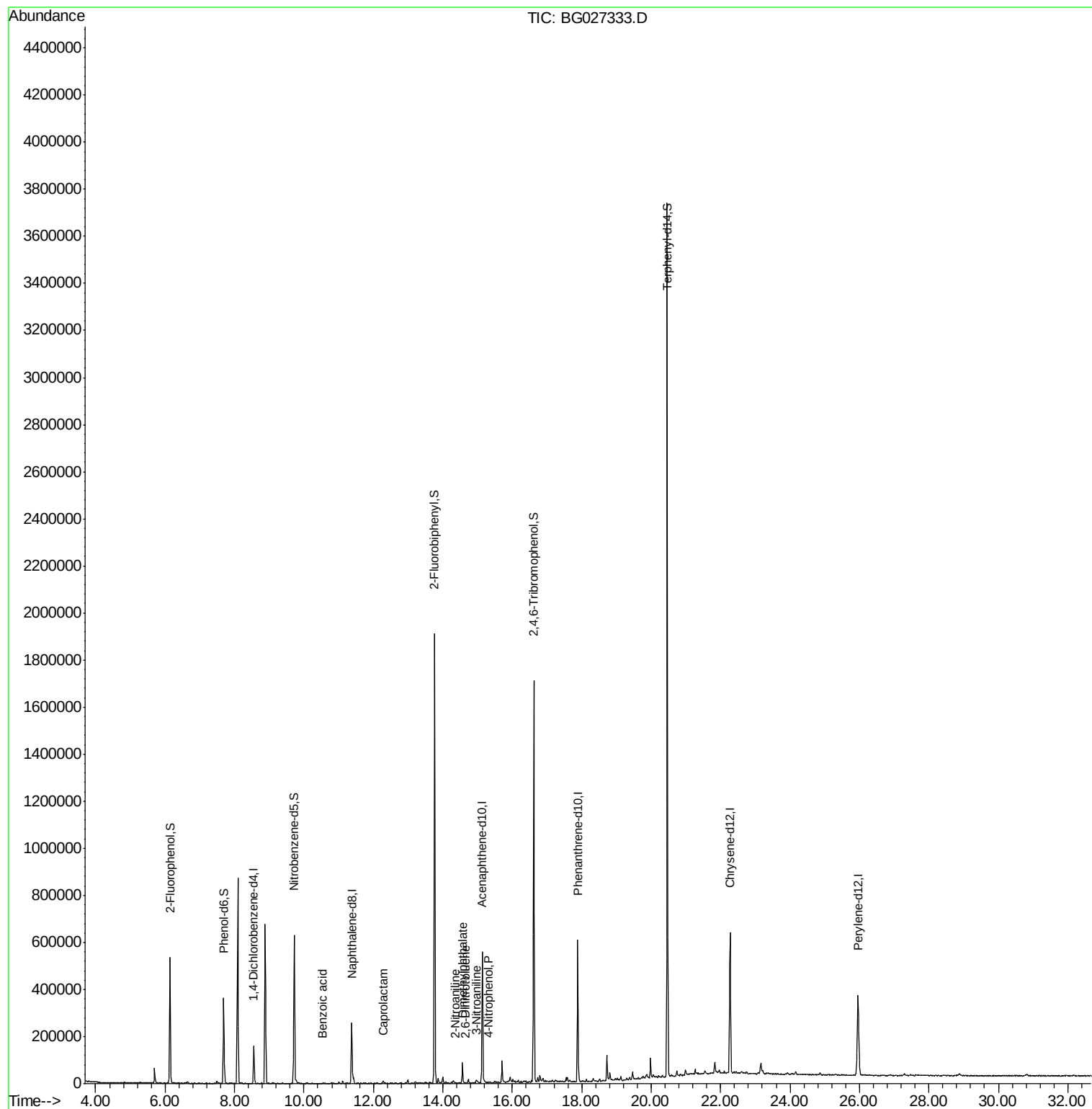
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	45283	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	224920	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	156694	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	373083	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	418610	20.00	ng	-0.04
86) Perylene-d12	25.96	264	396159	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	243695	82.12	ng	-0.02
7) Phenol-d6	7.69	99	230981	53.03	ng	-0.02
23) Nitrobenzene-d5	9.72	82	421230	117.78	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	350776	170.00	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	999171	89.21	ng	-0.03
78) Terphenyl-d14	20.46	244	1590858	96.95	ng	-0.03
Target Compounds						Qvalue
32) Benzoic acid	10.54	122	721	8.26	ng	# 55
35) Caprolactam	12.28	113	2398	2.12	ng	# 87
47) 2-Nitroaniline	14.35	65	59	6.85	ng	# 16
49) Dimethylphthalate	14.57	163	57145	4.60	ng	96
50) 2,6-Dinitrotoluene	14.65	165	70	5.64	ng	# 11
52) 3-Nitroaniline	14.96	138	130	5.76	ng	# 1
55) 4-Nitrophenol	15.32	139	68	6.15	ng	# 1

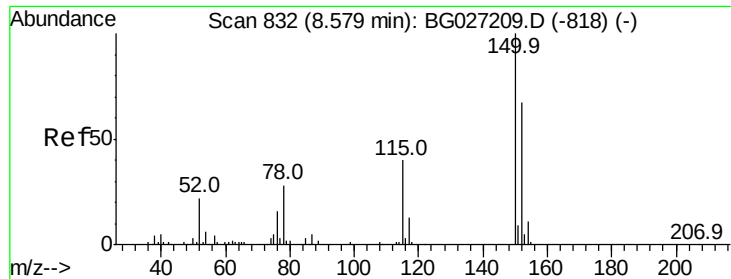
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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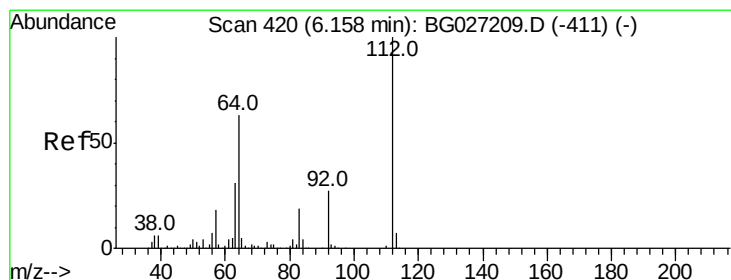
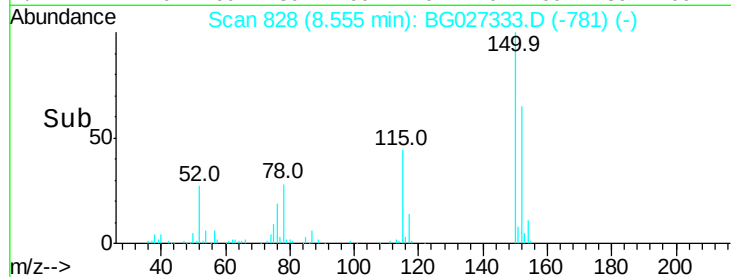
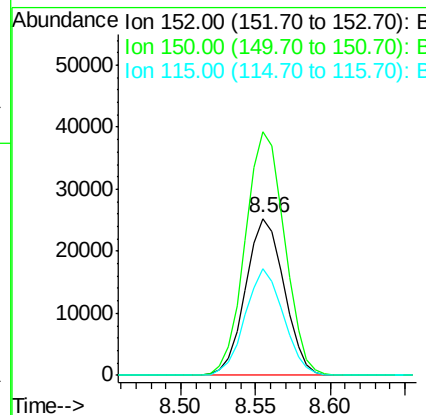
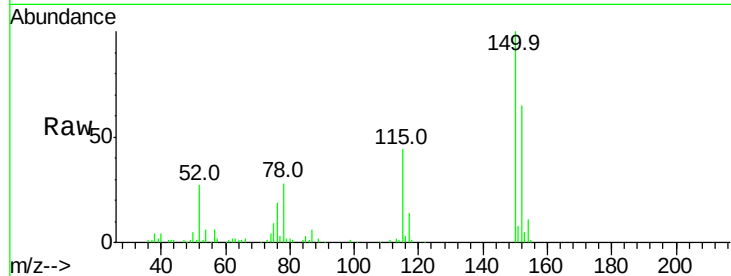


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027333.D
Acq: 9 Jun 2017 1:32

Instrument :
BNA_G
ClientSampled :

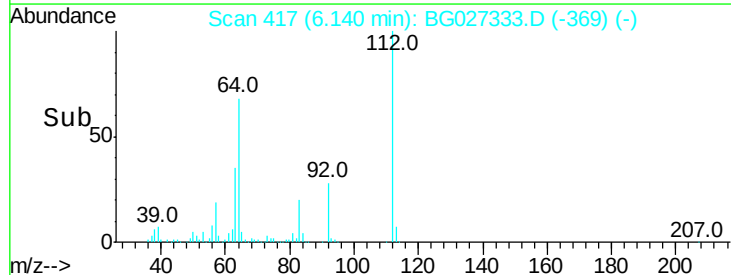
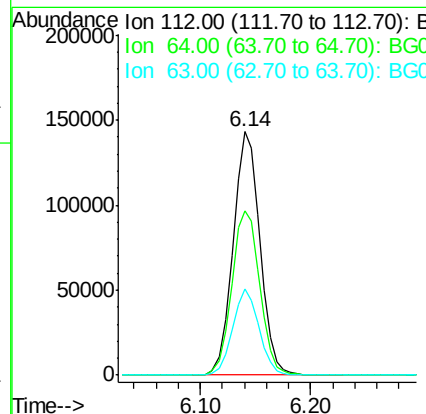
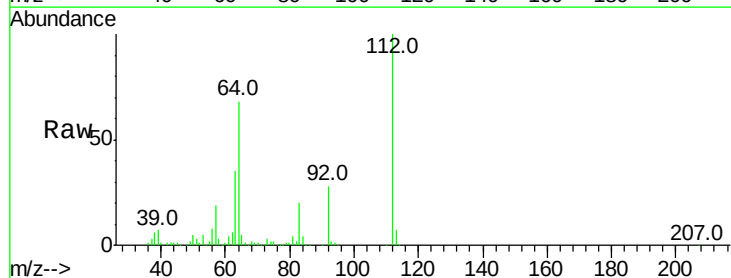
Tot Ion:152 Resp: 45283
Ion Ratio Lower Upper
152 100
150 154.9 114.0 171.0
115 67.5 48.1 72.1

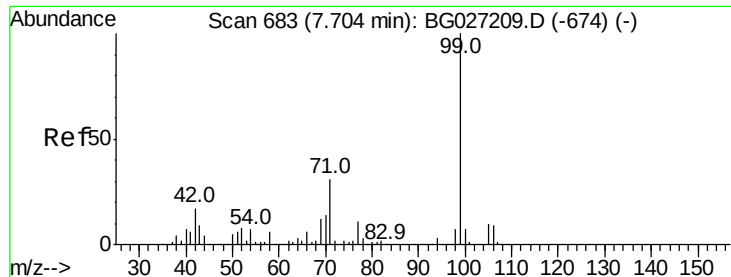


#5

2-Fluorophenol
Concen: 82.12 ng
RT: 6.14 min Scan# 417
Delta R.T. -0.02 min
Lab File: BG027333.D
Acq: 9 Jun 2017 1:32

Tgt Ion:112 Resp: 243695
Ion Ratio Lower Upper
112 100
64 67.7 61.8 92.6
63 35.3 37.2 55.8#





#7

Phenol-d6

Concen: 53.03 ng

RT: 7.69 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027333.D

Acq: 9 Jun 2017 1:32

Instrument :

BNA_G

ClientSampleId :

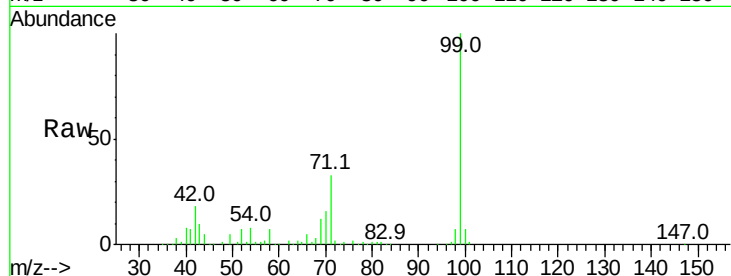
Tot Ion: 99 Resp: 230981

Ion Ratio Lower Upper

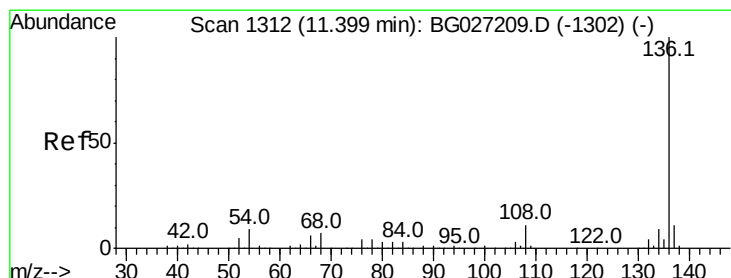
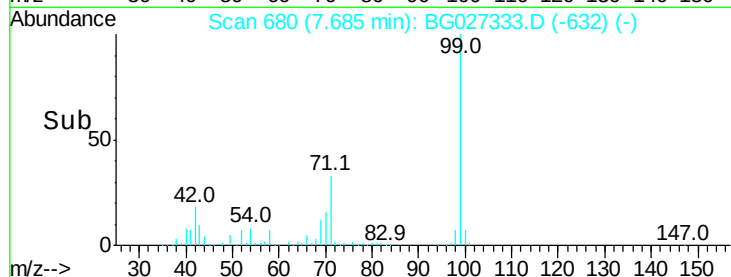
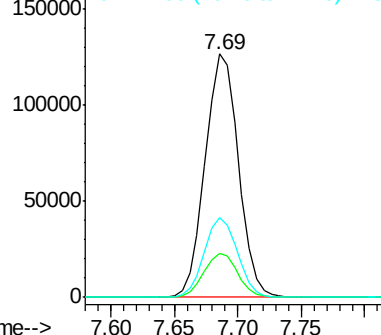
99 100

42 18.2 20.5 30.7#

71 32.9 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: BG027333.D

Acq: 9 Jun 2017 1:32

Tgt Ion: 136 Resp: 224920

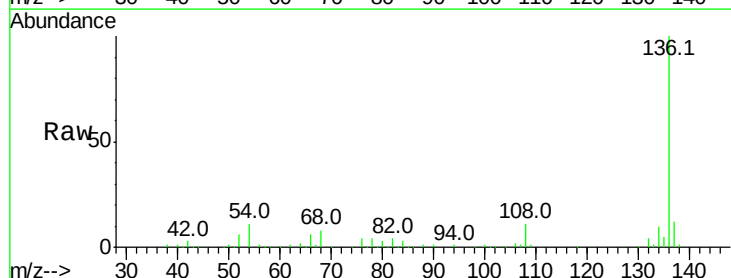
Ion Ratio Lower Upper

136 100

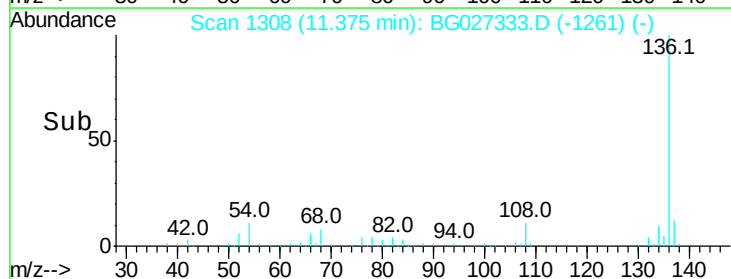
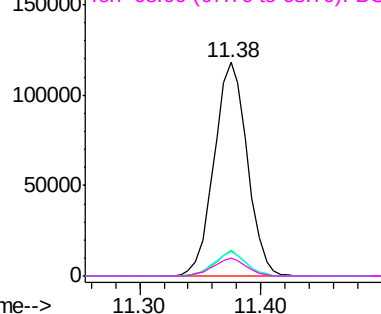
137 12.0 8.9 13.3

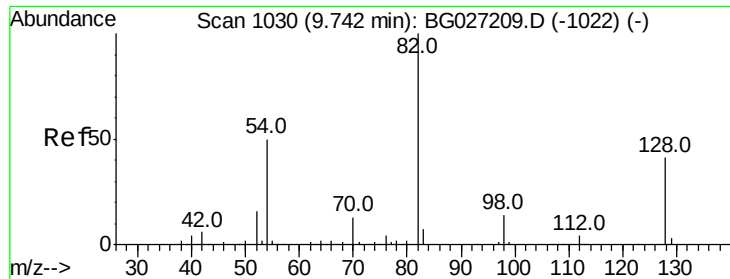
54 11.3 9.3 13.9

68 8.3 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

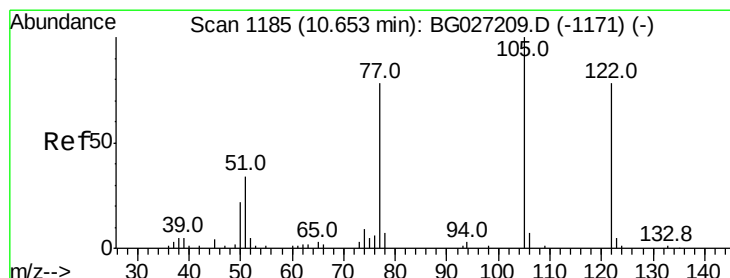
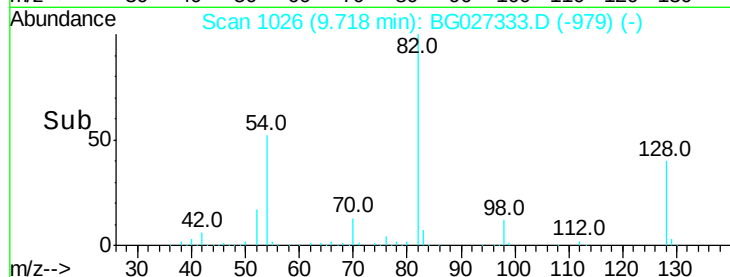
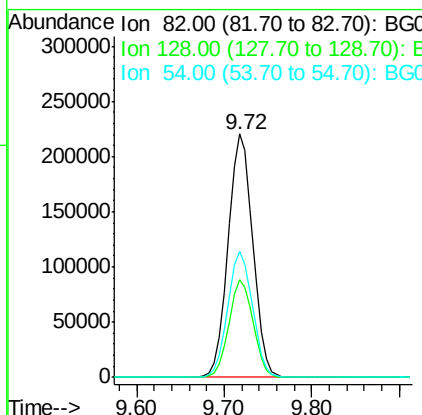
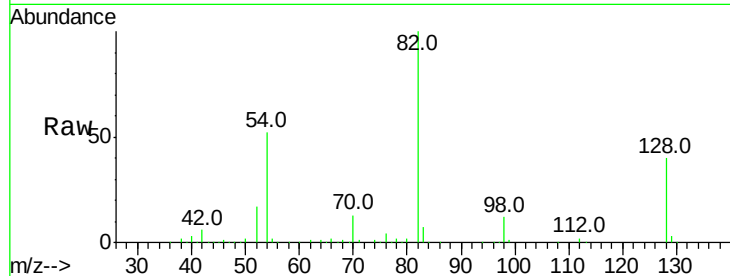




#23
 Nitrobenzene-d5
 Concen: 117.78 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027333.D
 Acq: 9 Jun 2017 1:32

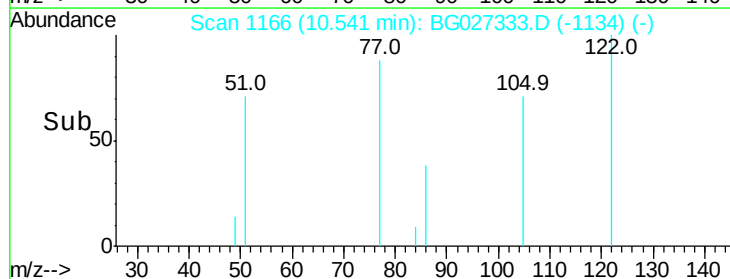
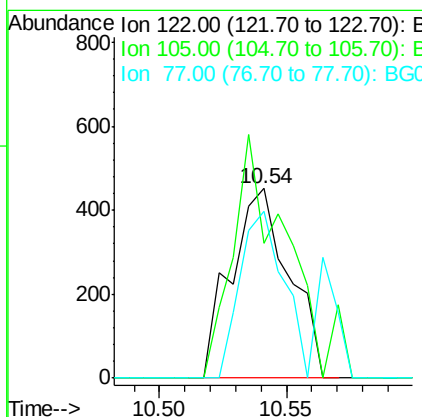
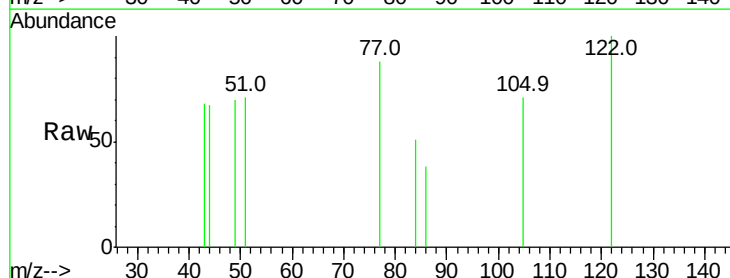
Instrument :
 BNA_G
 ClientSampled :

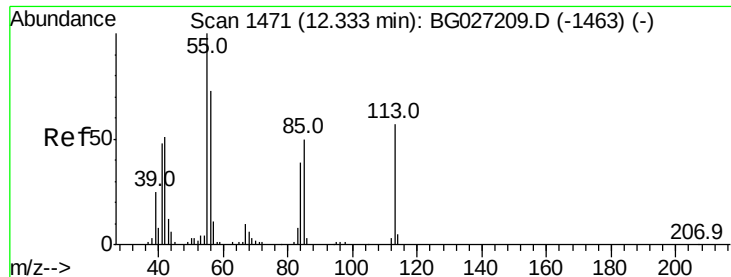
Tot Ion: 82 Resp: 421230
 Ion Ratio Lower Upper
 82 100
 128 40.1 26.4 39.6#
 54 51.9 49.4 74.2



#32
 Benzoic acid
 Concen: 8.26 ng
 RT: 10.54 min Scan# 1166
 Delta R.T. -0.11 min
 Lab File: BG027333.D
 Acq: 9 Jun 2017 1:32

Tgt Ion: 122 Resp: 721
 Ion Ratio Lower Upper
 122 100
 105 71.0 120.1 160.1#
 77 88.5 104.6 144.6#





#35

Caprolactam

Concen: 2.12 ng

RT: 12.28 min Scan# 1462

Delta R.T. -0.05 min

Lab File: BG027333.D

Acq: 9 Jun 2017 1:32

Instrument :

BNA_G

ClientSampled :

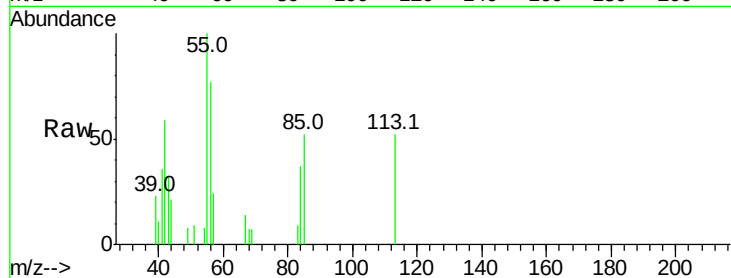
Tot Ion:113 Resp: 2398

Ion Ratio Lower Upper

113 100

55 193.6 198.6 238.6#

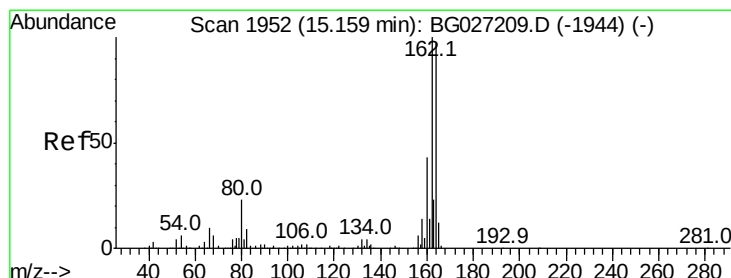
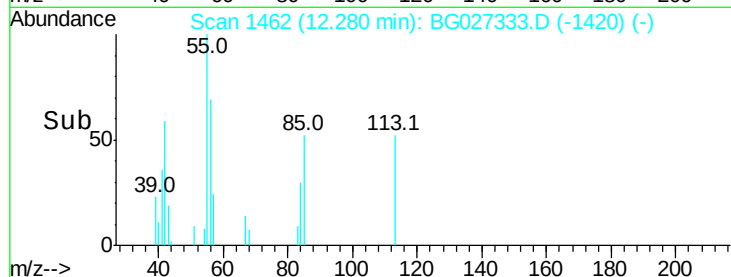
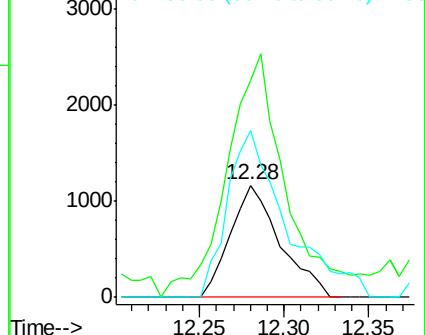
56 148.7 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.14 min Scan# 1948

Delta R.T. -0.02 min

Lab File: BG027333.D

Acq: 9 Jun 2017 1:32

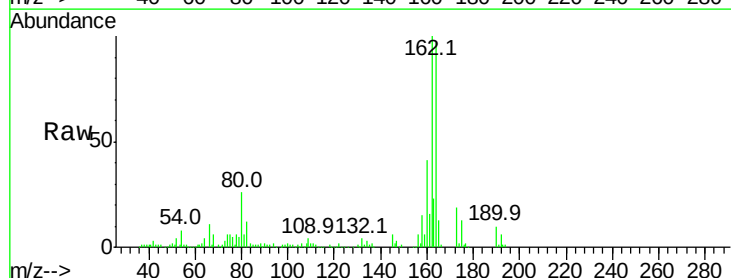
Tgt Ion:164 Resp: 156694

Ion Ratio Lower Upper

164 100

162 103.2 85.1 127.7

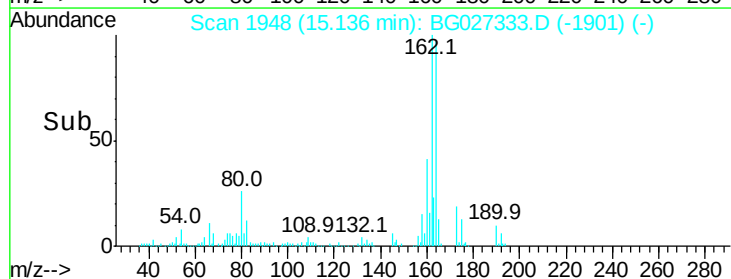
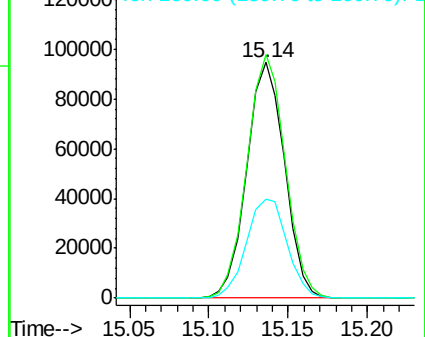
160 42.1 34.7 52.1

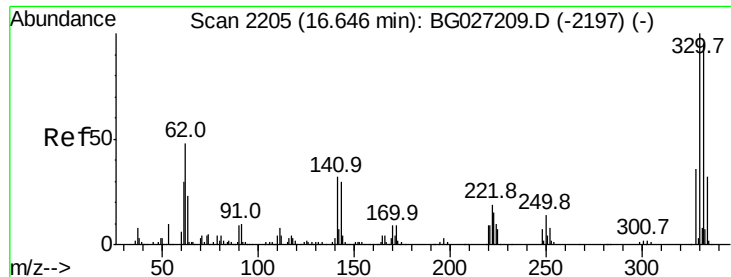


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

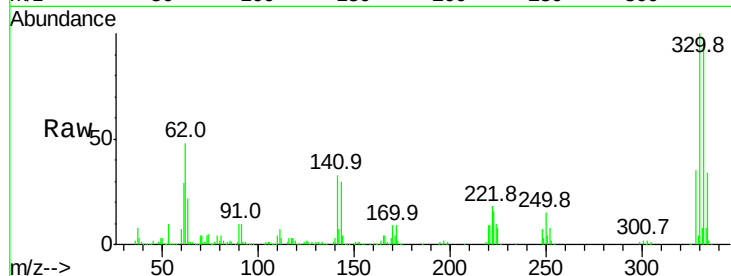




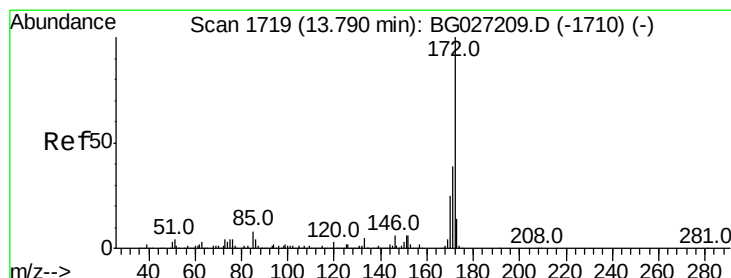
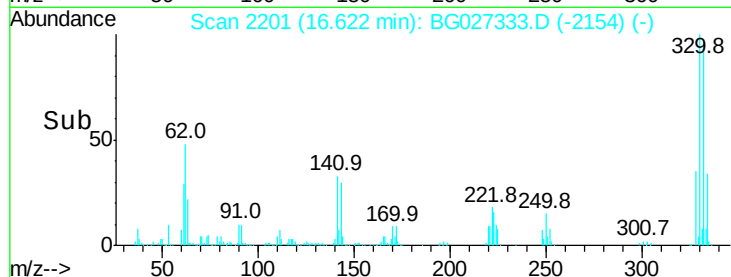
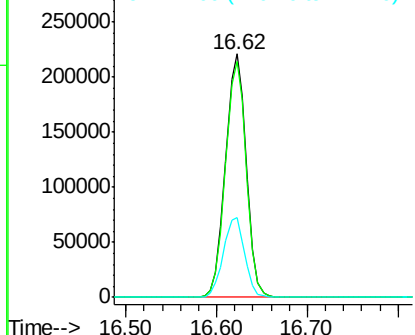
#41
 2,4,6-Tribromophenol
 Concen: 170.00 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027333.D
 Acq: 9 Jun 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	33.5	32.1	48.1

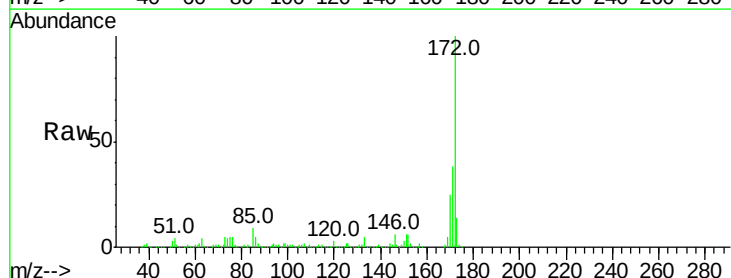


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

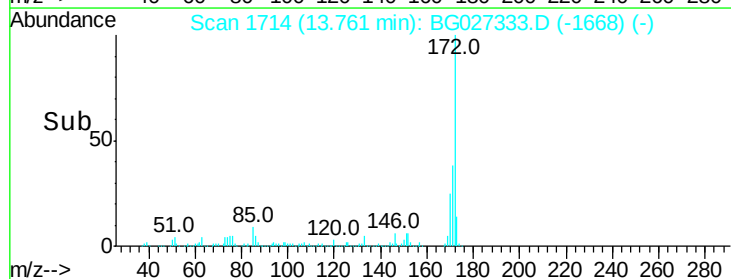
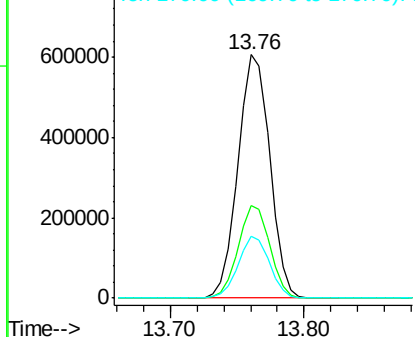


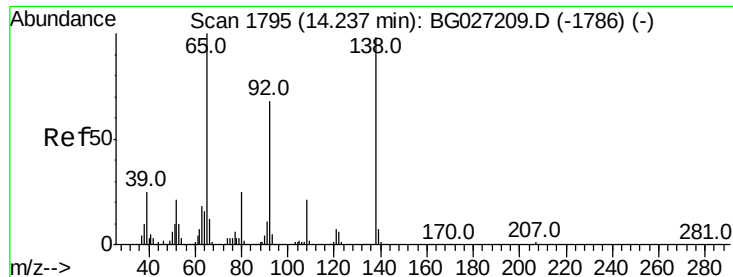
#44
 2-Fluorobiphenyl
 Concen: 89.21 ng
 RT: 13.76 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG027333.D
 Acq: 9 Jun 2017 1:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	25.3	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: 14.35 min Scan# 1815

Delta R.T. 0.12 min

Lab File: BG027333.D

Acq: 9 Jun 2017 1:32

Instrument :

BNA_G

ClientSampleId :

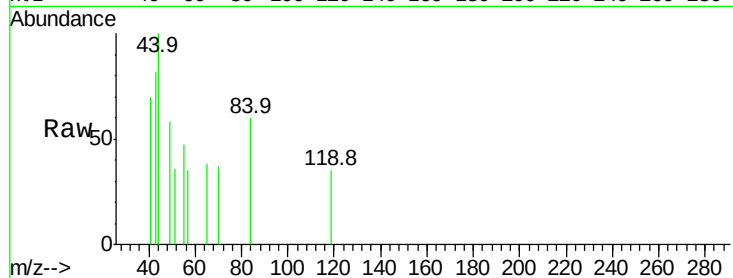
Tot Ion: 65 Resp: 59

Ion Ratio Lower Upper

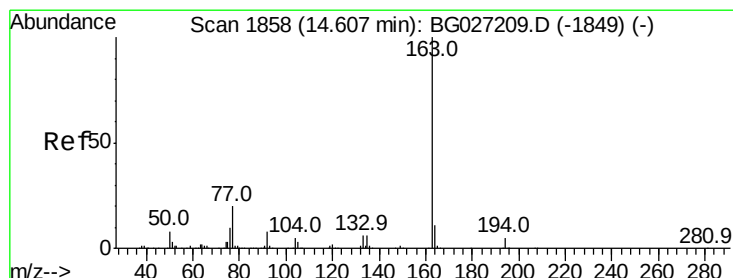
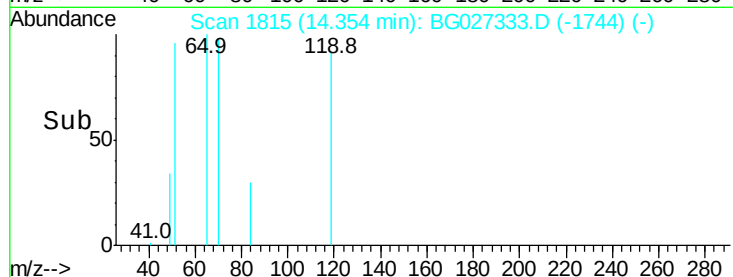
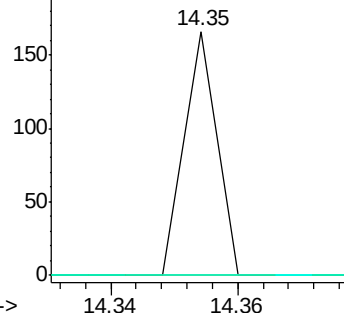
65 100

92 0.0 49.0 73.4#

138 0.0 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#49

Dimethylphthalate

Concen: 4.60 ng

RT: 14.57 min Scan# 1851

Delta R.T. -0.04 min

Lab File: BG027333.D

Acq: 9 Jun 2017 1:32

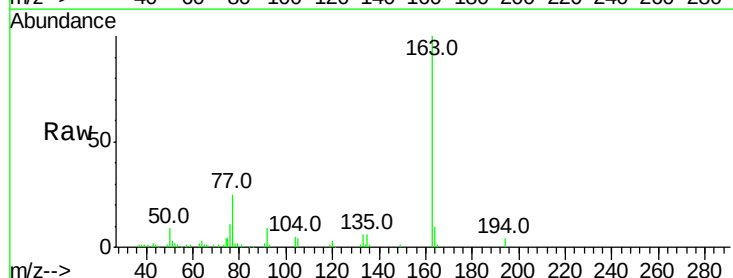
Tgt Ion: 163 Resp: 57145

Ion Ratio Lower Upper

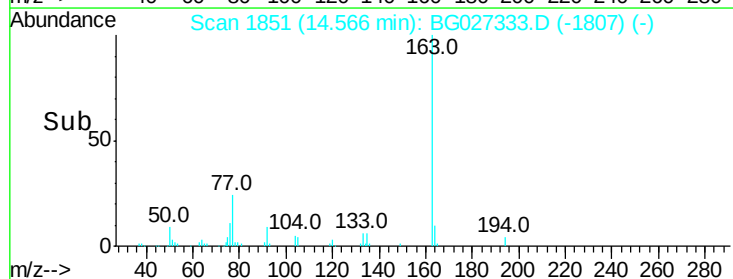
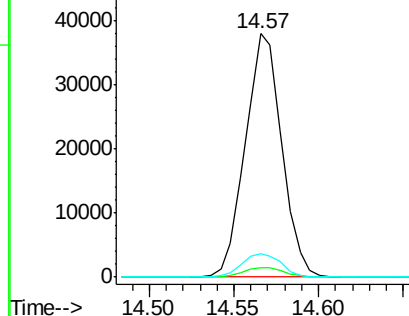
163 100

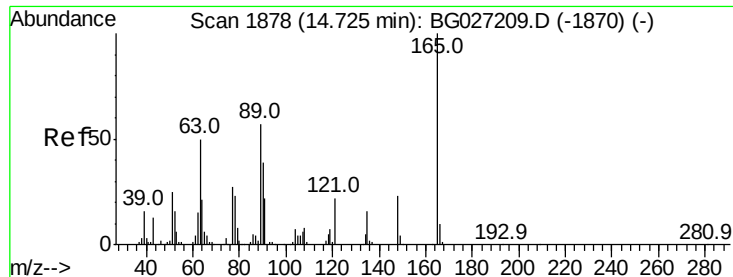
194 4.1 3.8 5.6

164 9.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC

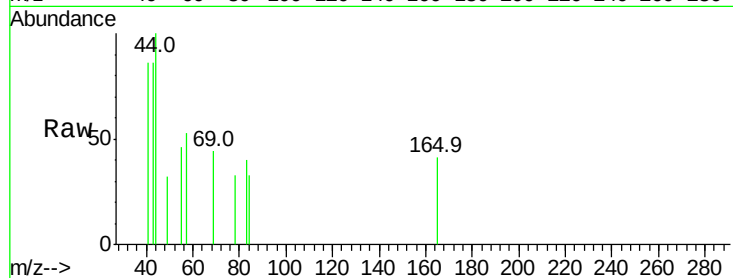




#50
 2,6-Dinitrotoluene
 Concen: 5.64 ng
 RT: 14.65 min Scan# 1865
 Delta R.T. -0.08 min
 Lab File: BG027333.D
 Acq: 9 Jun 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :

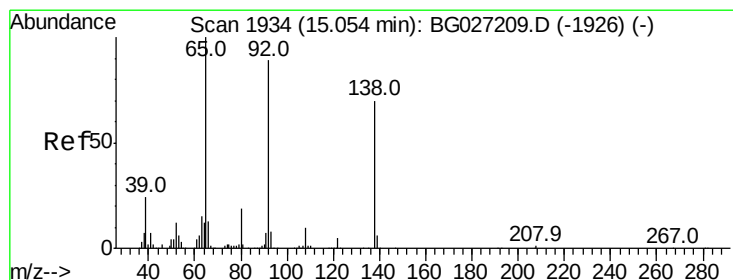
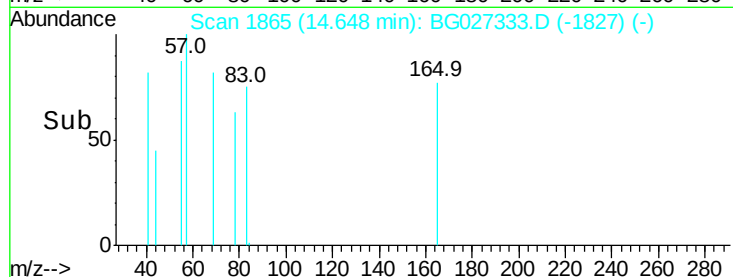
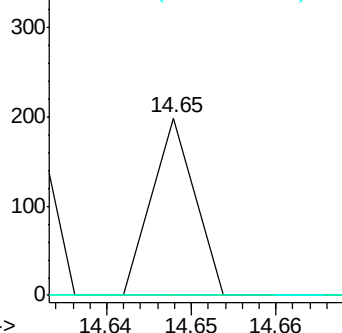
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.9	95.9#
89	0.0	58.6	88.0#



Abundance Ion 165.00 (164.70 to 165.70): E

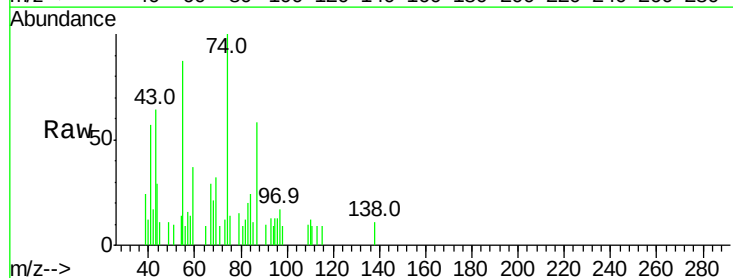
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52
 3-Nitroaniline
 Concen: 5.76 ng
 RT: 14.96 min Scan# 1918
 Delta R.T. -0.09 min
 Lab File: BG027333.D
 Acq: 9 Jun 2017 1:32

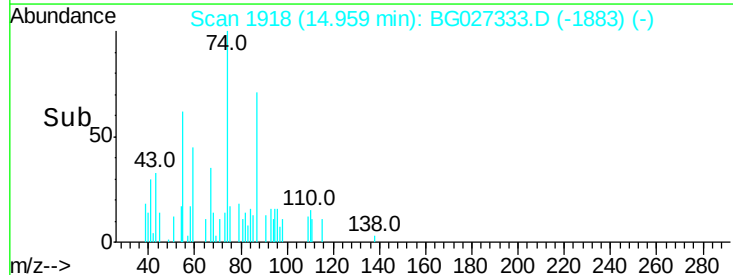
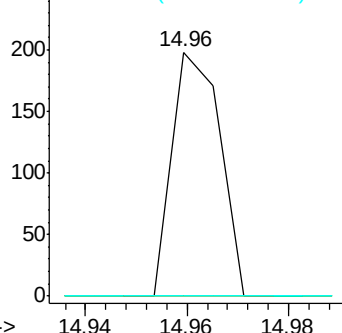
Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	10.9	16.3#
92	0.0	115.3	172.9#

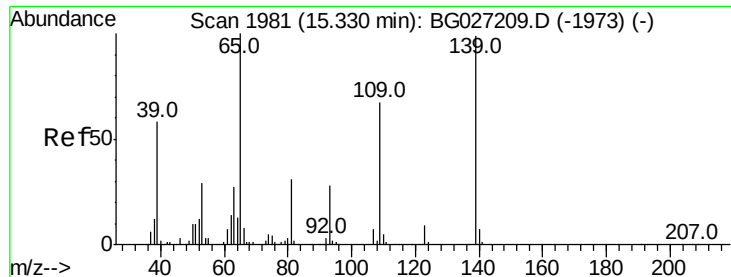


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

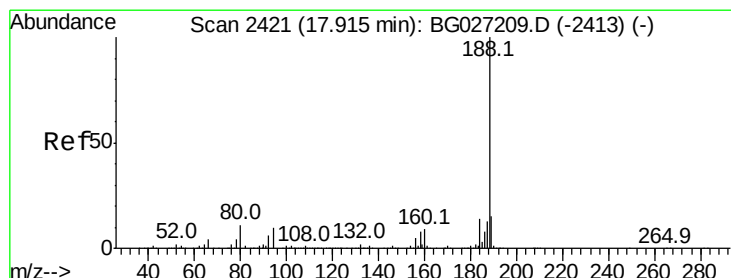
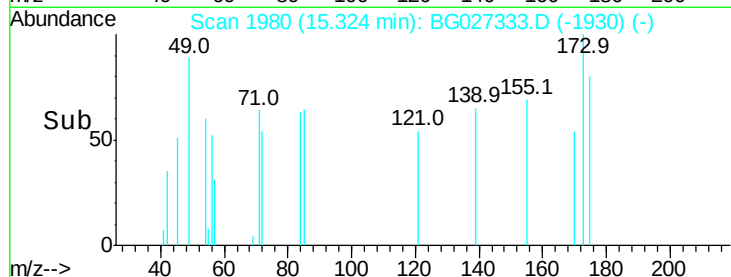
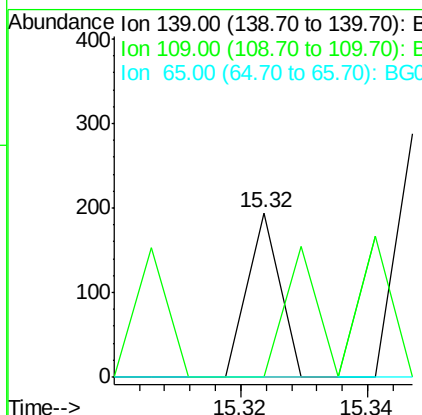
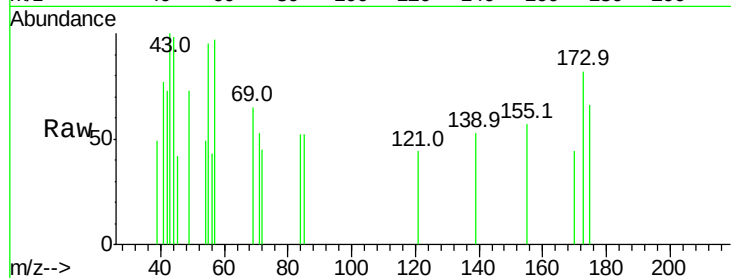




#55
4-Nitrophenol
Concen: 6.15 ng
RT: 15.32 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG027333.D
Acq: 9 Jun 2017 1:32

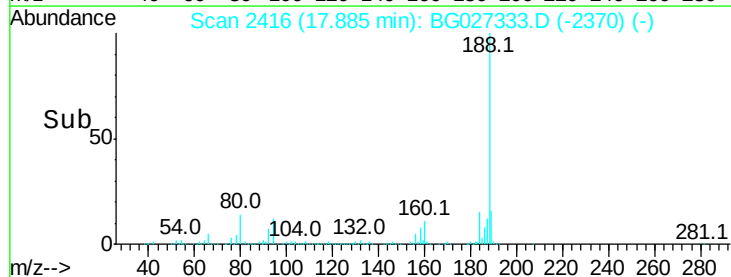
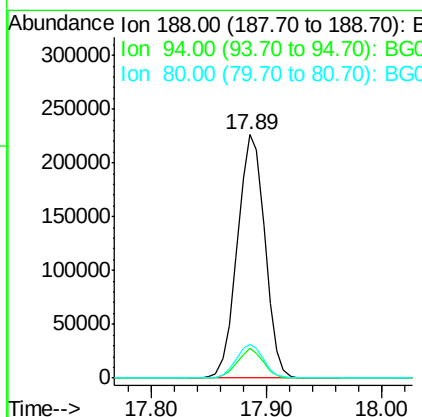
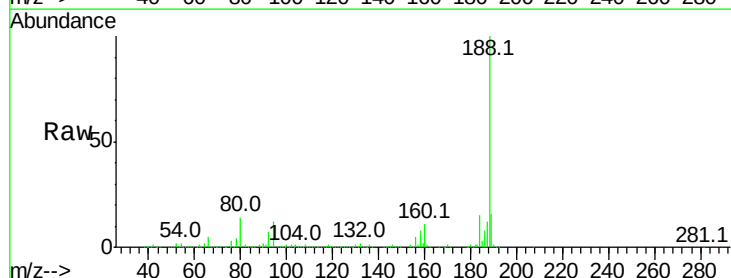
Instrument :
BNA_G
ClientSampled :

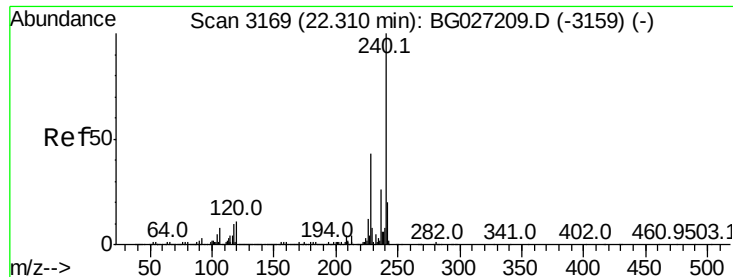
Tot Ion:139 Resp: 68
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027333.D
Acq: 9 Jun 2017 1:32

Tgt Ion:188 Resp: 373083
Ion Ratio Lower Upper
188 100
94 12.0 5.8 8.8#
80 13.8 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027333.D

Acq: 9 Jun 2017 1:32

Instrument :

BNA_G

ClientSampled :

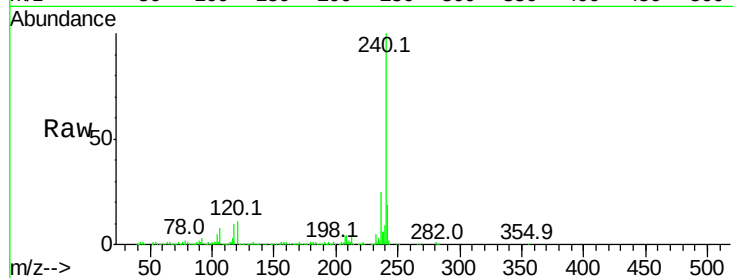
Tot Ion:240 Resp: 418610

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

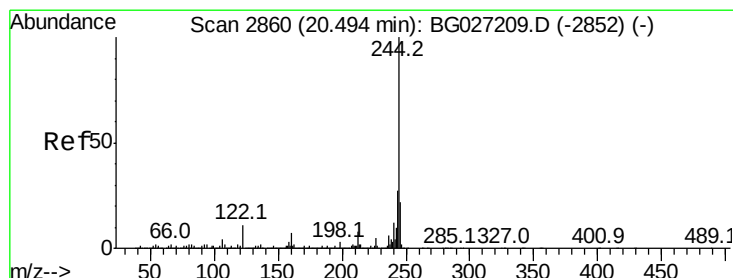
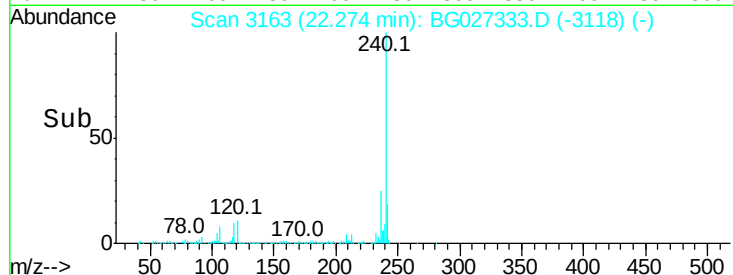
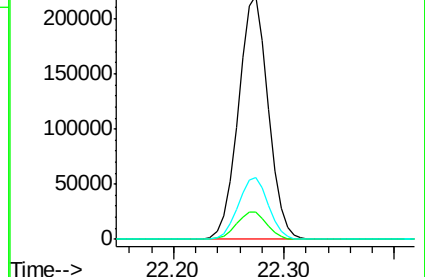
236 25.4 22.2 33.4



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: 96.95 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027333.D

Acq: 9 Jun 2017 1:32

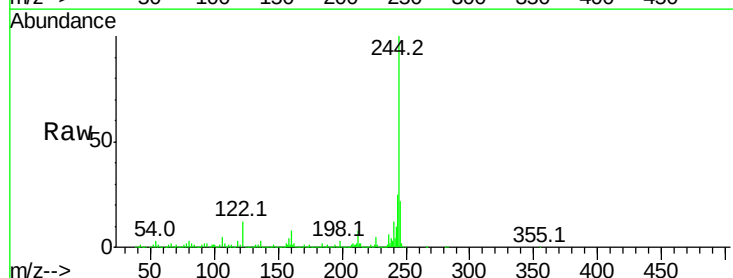
Tgt Ion:244 Resp: 1590858

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

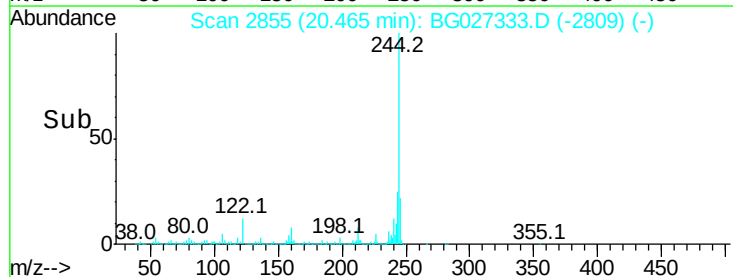
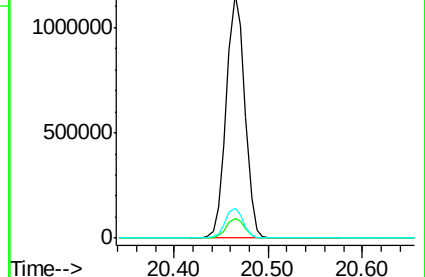
122 12.2 8.6 12.8

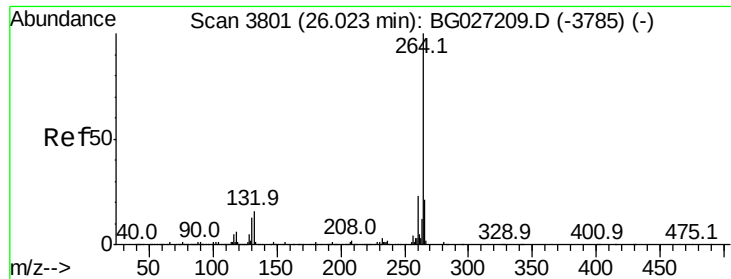


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.07 min
 Lab File: BG027333.D
 Acq: 9 Jun 2017 1:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.9	18.2	27.4

