

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027345.D
 Acq On : 9 Jun 2017 10:11
 Operator : SJ/MA
 Sample : I3460-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 10:58:19 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

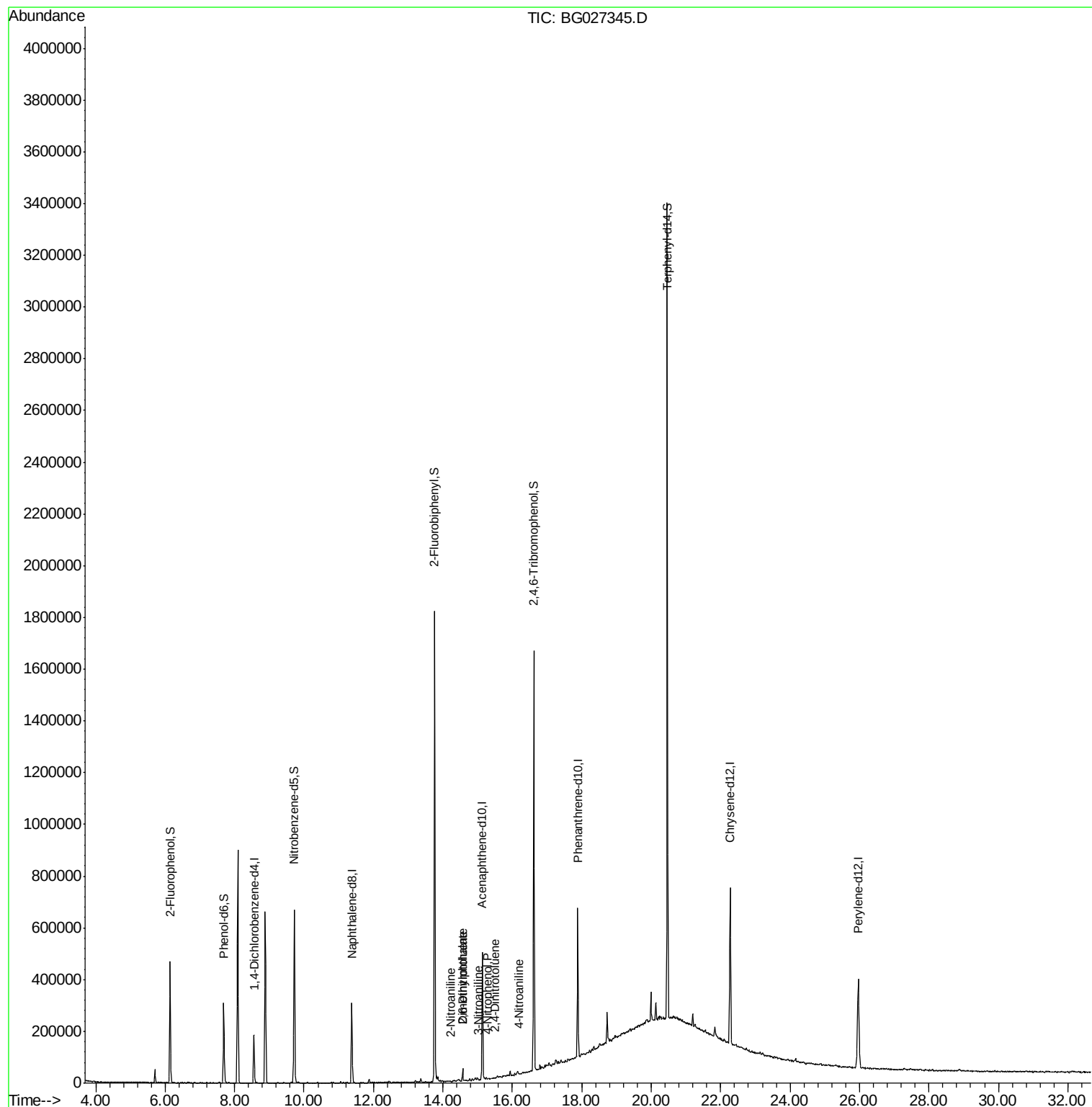
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	53437	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	268625	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	169163	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	367894	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	410852	20.00	ng	-0.04
86) Perylene-d12	25.96	264	404154	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	215910	61.66	ng	-0.01
7) Phenol-d6	7.69	99	200855	39.07	ng	-0.01
23) Nitrobenzene-d5	9.72	82	456660	106.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	325749	146.23	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	982974	81.29	ng	-0.03
78) Terphenyl-d14	20.46	244	1386722	86.10	ng	-0.03
Target Compounds						
47) 2-Nitroaniline	14.22	65	56	6.85	ng	# 16
49) Dimethylphthalate	14.57	163	29940	2.23	ng	# 97
50) 2,6-Dinitrotoluene	14.57	165	526	5.78	ng	# 57
52) 3-Nitroaniline	15.03	138	53	5.73	ng	# 1
55) 4-Nitrophenol	15.30	139	139	6.18	ng	# 41
56) 2,4-Dinitrotoluene	15.50	165	58	7.00	ng	# 16
61) 4-Nitroaniline	16.20	138	536	6.06	ng	95

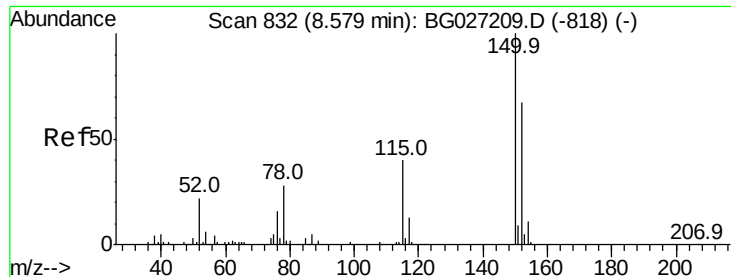
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027345.D

Acq: 9 Jun 2017 10:11

Instrument :

BNA_G

ClientSampleId :

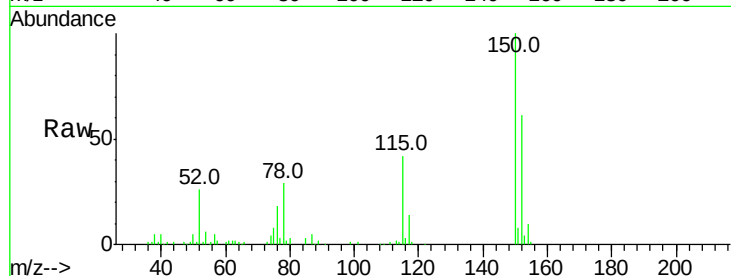
Tot Ion:152 Resp: 53437

Ion Ratio Lower Upper

152 100

150 162.8 114.0 171.0

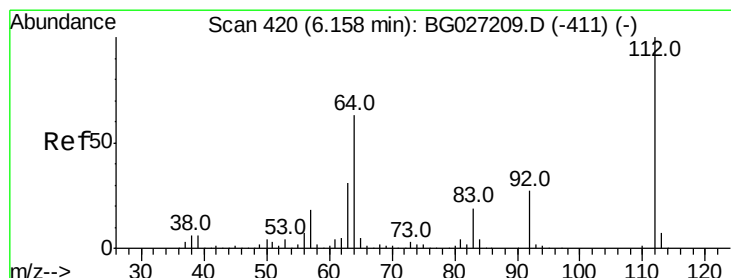
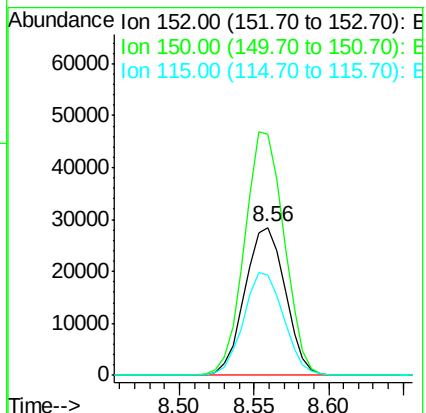
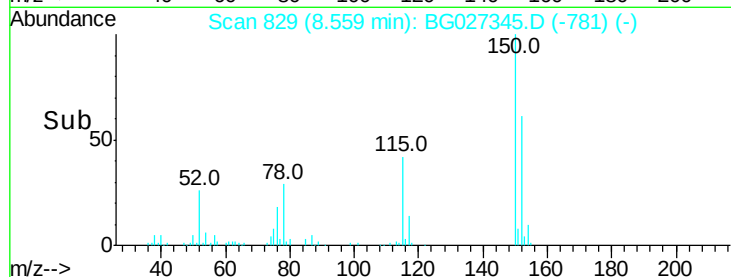
115 67.8 48.1 72.1



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: 61.66 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027345.D

Acq: 9 Jun 2017 10:11

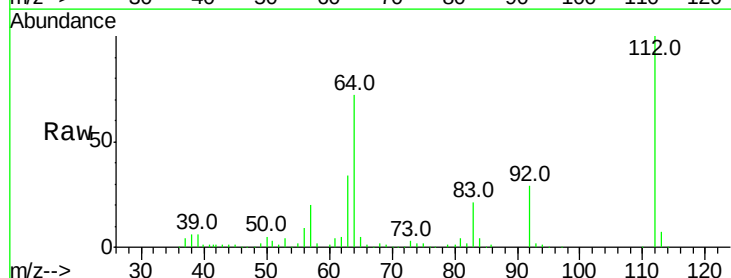
Tgt Ion:112 Resp: 215910

Ion Ratio Lower Upper

112 100

64 72.3 61.8 92.6

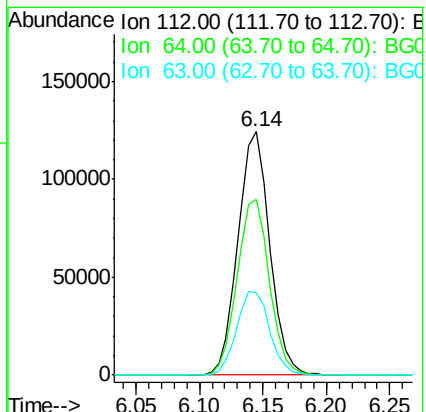
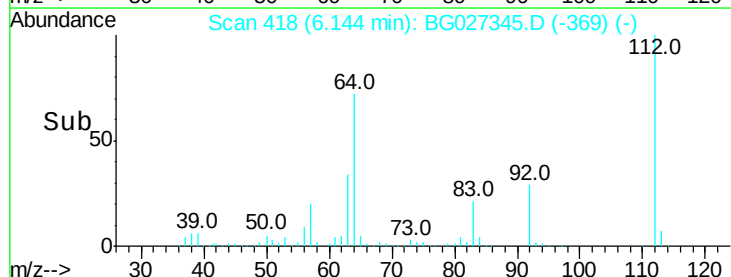
63 33.8 37.2 55.8#

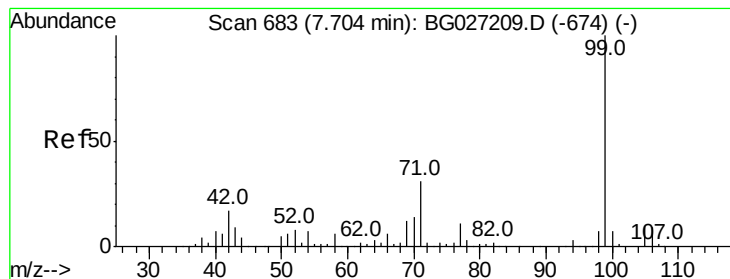


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.07 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027345.D

Acq: 9 Jun 2017 10:11

Instrument :

BNA_G

ClientSampled :

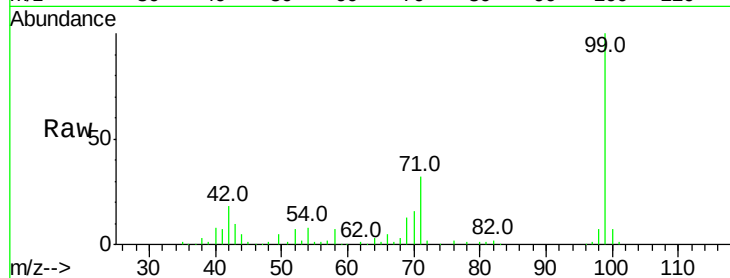
Tot Ion: 99 Resp: 200855

Ion Ratio Lower Upper

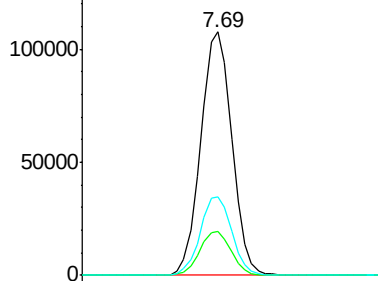
99 100

42 18.1 20.5 30.7#

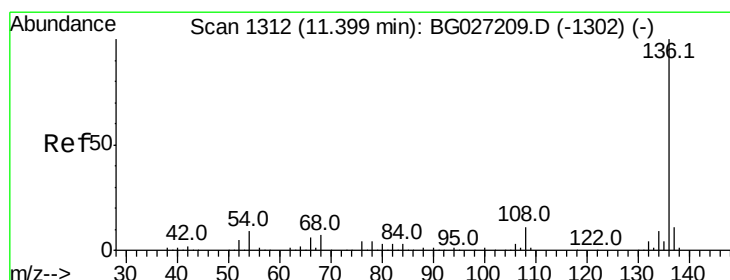
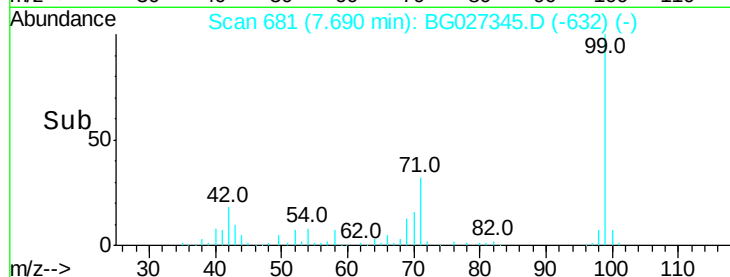
71 32.5 37.6 56.4#



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027345.D

Acq: 9 Jun 2017 10:11

Tgt Ion:136 Resp: 268625

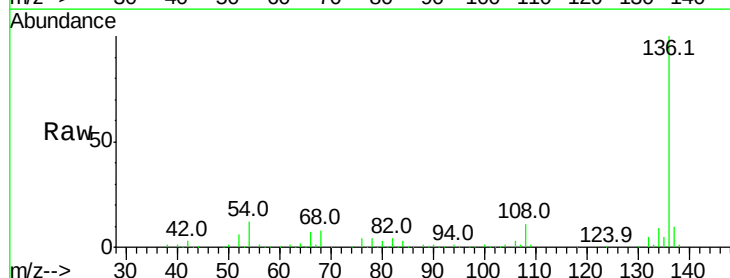
Ion Ratio Lower Upper

136 100

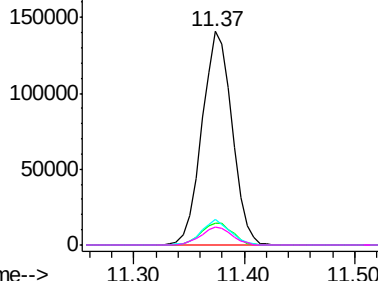
137 10.4 8.9 13.3

54 11.9 9.3 13.9

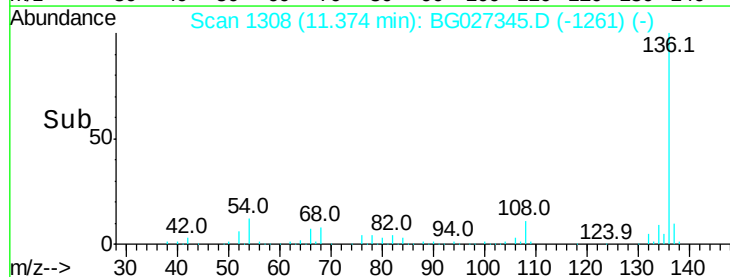
68 8.4 5.1 7.7#

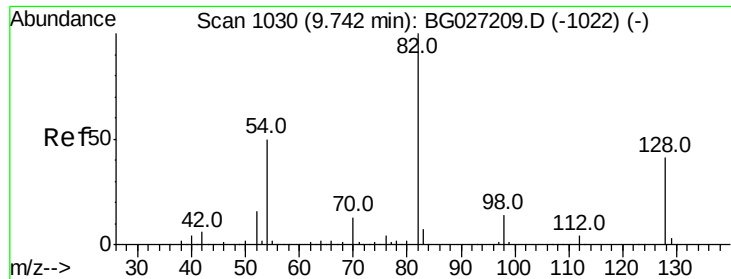


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

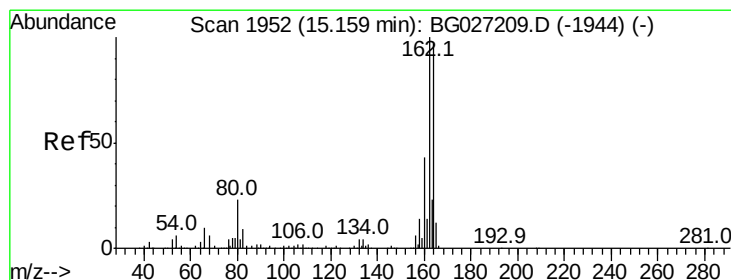
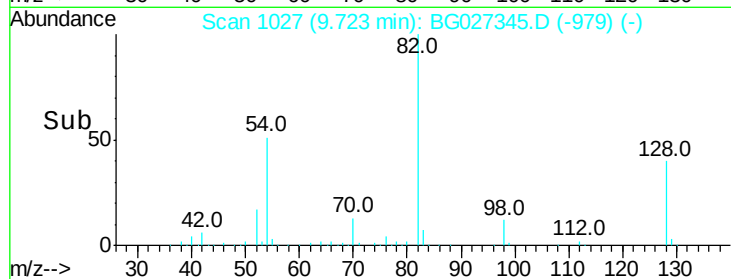
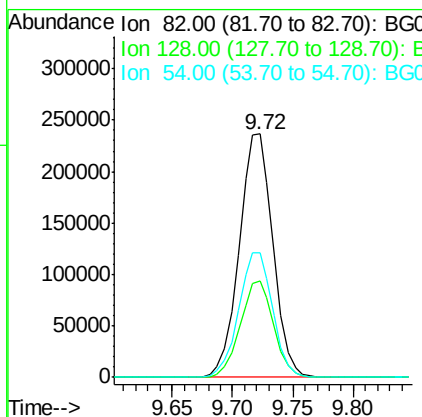
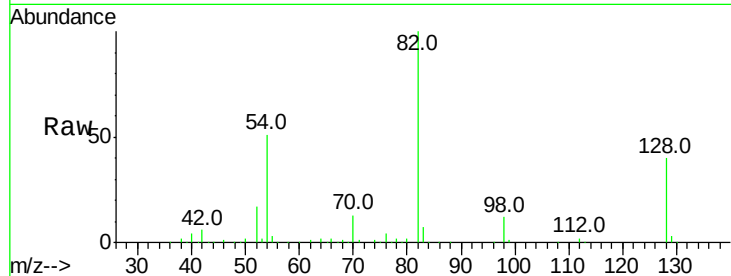




#23
 Nitrobenzene-d5
 Concen: 106.91 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027345.D
 Acq: 9 Jun 2017 10:11

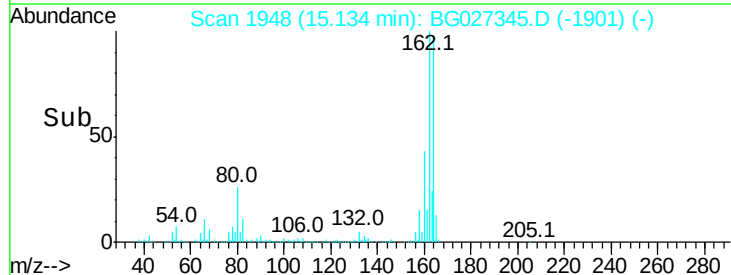
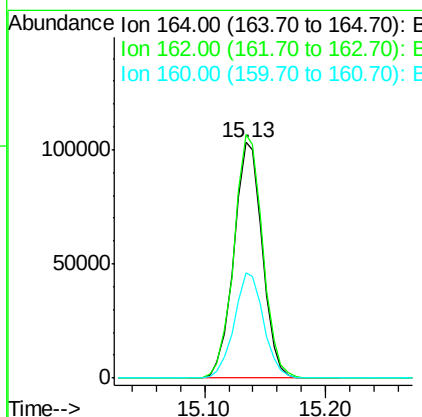
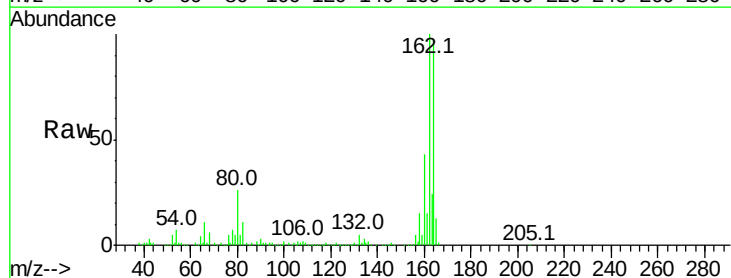
Instrument :
 BNA_G
 ClientSampleID :

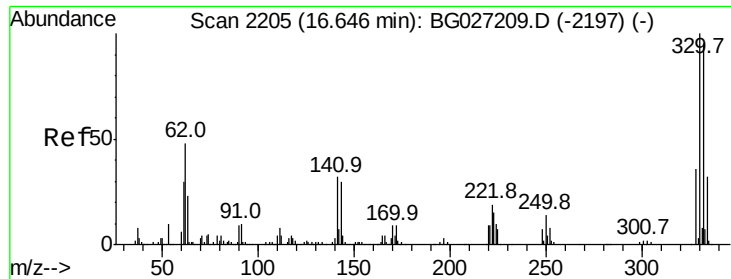
Tot Ion	82	Resp	456660
Ion	Ratio	Lower	Upper
82	100		
128	39.8	26.4	39.6
54	51.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BG027345.D
 Acq: 9 Jun 2017 10:11

Tgt Ion	164	Resp	169163
Ion	Ratio	Lower	Upper
164	100		
162	103.2	85.1	127.7
160	44.6	34.7	52.1

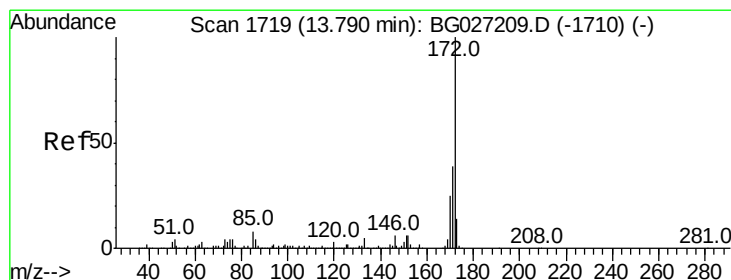
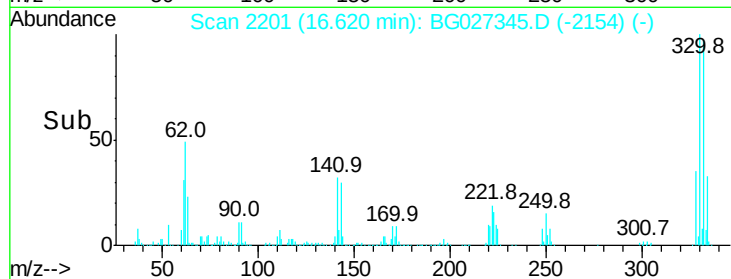
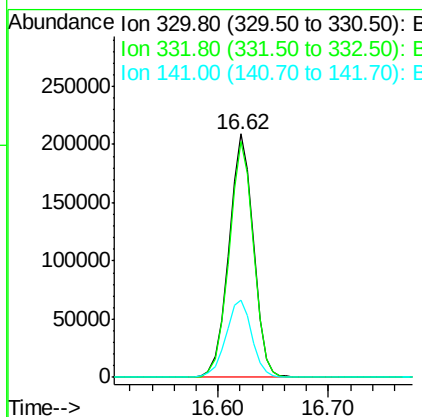
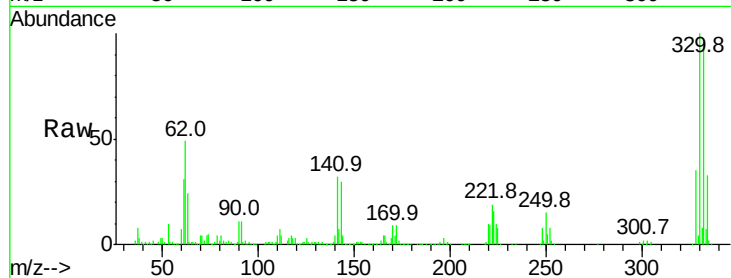




#41
 2,4,6-Tribromophenol
 Concen: 146.23 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027345.D
 Acq: 9 Jun 2017 10:11

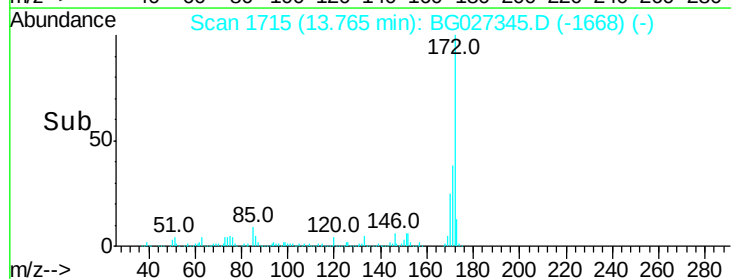
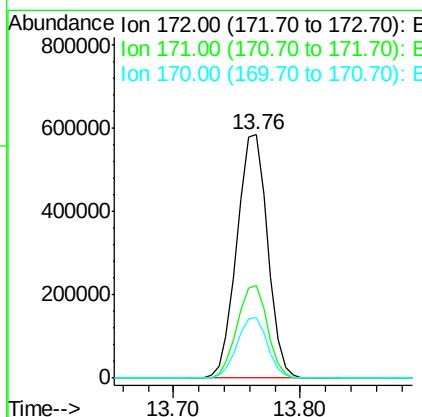
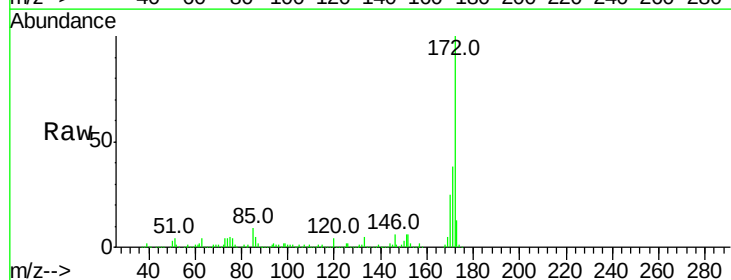
Instrument :
 BNA_G
 ClientSampled :

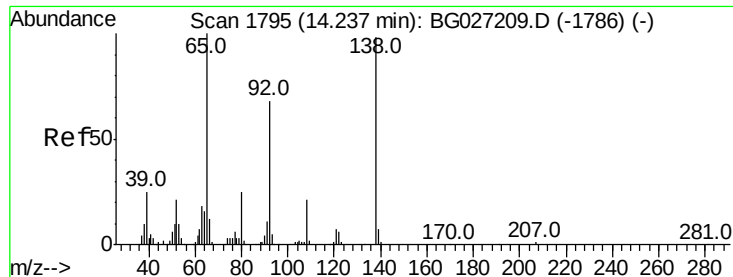
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	33.5	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 81.29 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027345.D
 Acq: 9 Jun 2017 10:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	24.9	21.8	32.6





#47

2-Nitroaniline

Concen: 6.85 ng

RT: 14.22 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG027345.D

Acq: 9 Jun 2017 10:11

Instrument :

BNA_G

ClientSampleId :

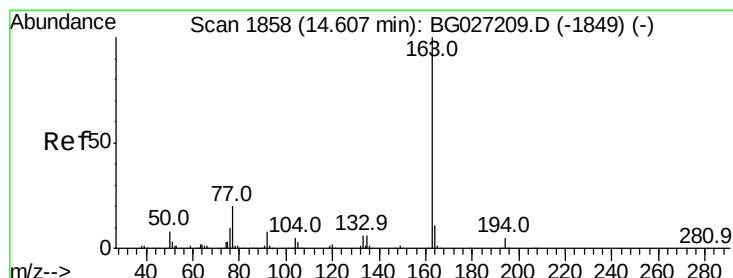
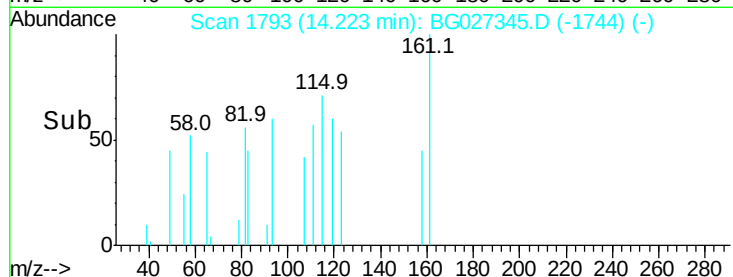
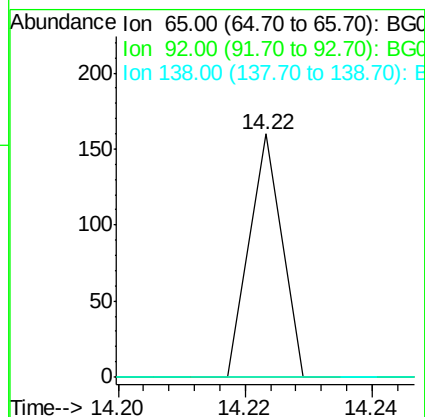
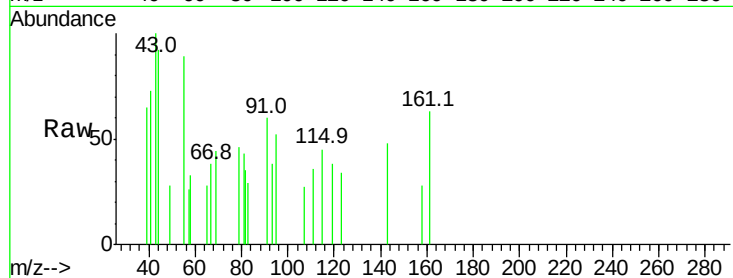
Tot Ion: 65 Resp: 56

Ion Ratio Lower Upper

65 100

92 0.0 49.0 73.4#

138 0.0 58.6 87.8#



#49

Dimethylphthalate

Concen: 2.23 ng

RT: 14.57 min Scan# 1852

Delta R.T. -0.04 min

Lab File: BG027345.D

Acq: 9 Jun 2017 10:11

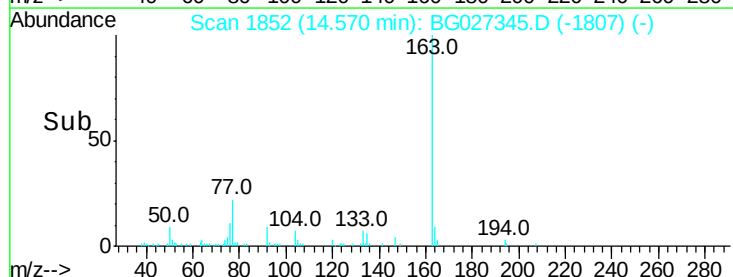
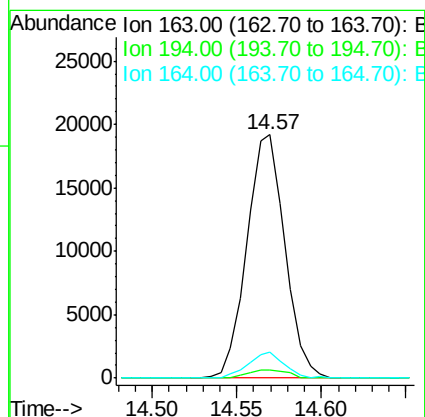
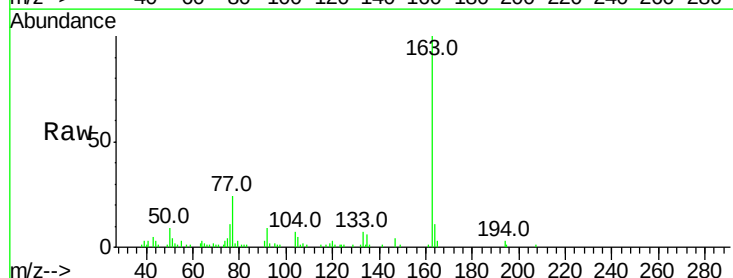
Tgt Ion: 163 Resp: 29940

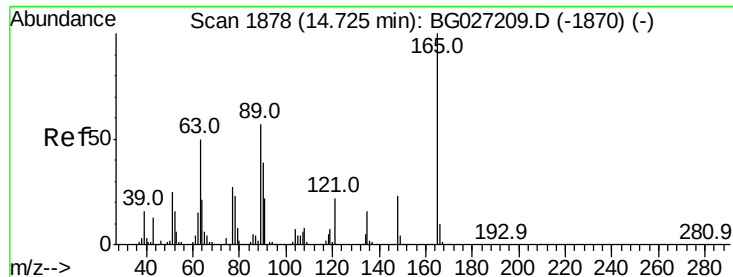
Ion Ratio Lower Upper

163 100

194 3.4 3.8 5.6#

164 10.8 9.3 13.9

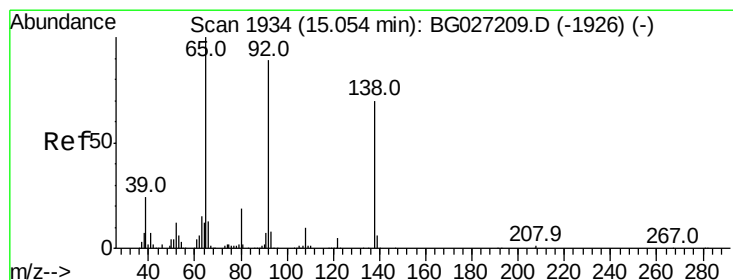
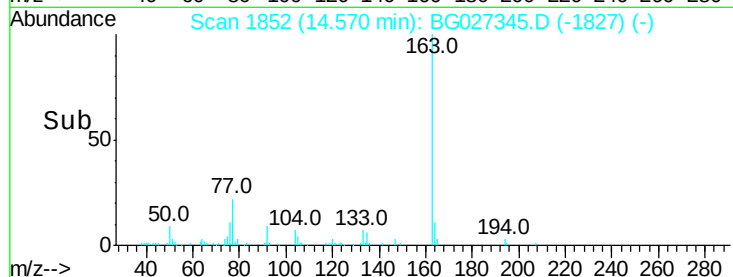
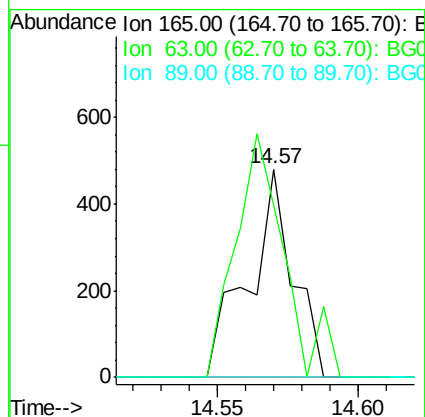
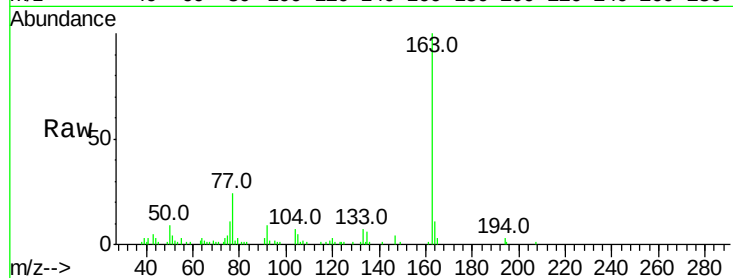




#50
 2,6-Dinitrotoluene
 Concen: 5.78 ng
 RT: 14.57 min Scan# 1852
 Delta R.T. -0.15 min
 Lab File: BG027345.D
 Acq: 9 Jun 2017 10:11

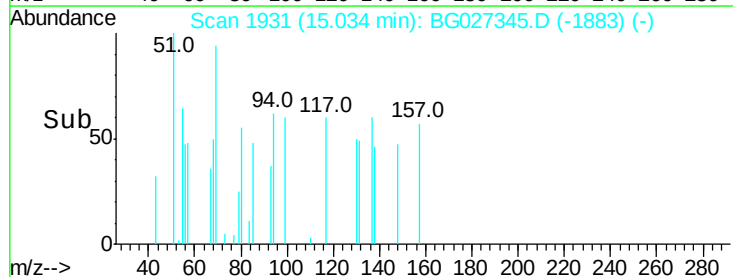
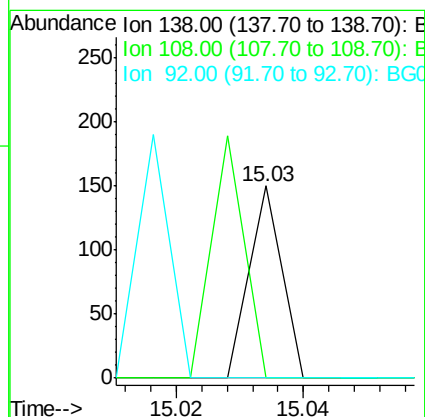
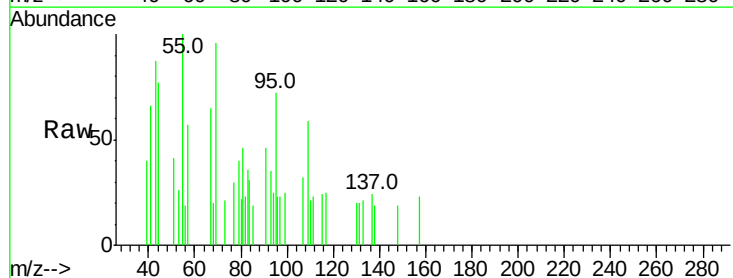
Instrument :
 BNA_G
 ClientSampleId :

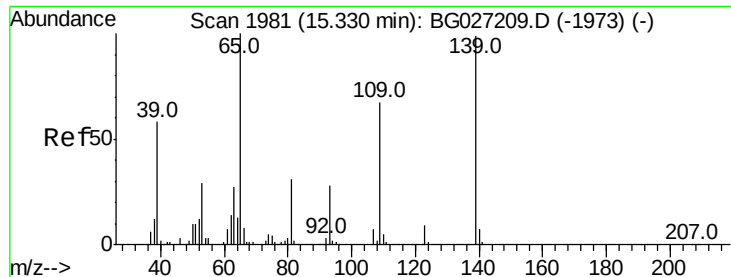
Tot Ion:165 Resp: 526
 Ion Ratio Lower Upper
 165 100
 63 82.7 63.9 95.9
 89 0.0 58.6 88.0#



#52
 3-Nitroaniline
 Concen: 5.73 ng
 RT: 15.03 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG027345.D
 Acq: 9 Jun 2017 10:11

Tgt Ion:138 Resp: 53
 Ion Ratio Lower Upper
 138 100
 108 0.0 10.9 16.3#
 92 0.0 115.3 172.9#





#55

4-Nitrophenol

Concen: 6.18 ng

RT: 15.30 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BG027345.D

Acq: 9 Jun 2017 10:11

Instrument :

BNA_G

ClientSampleId :

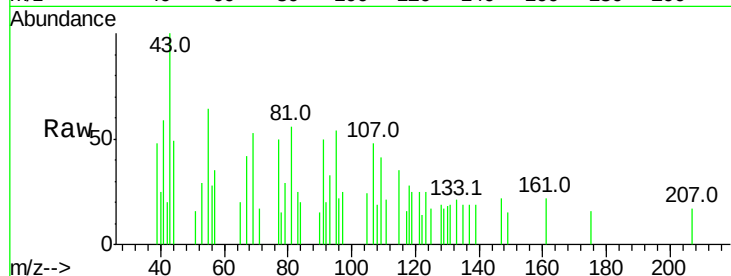
Tot Ion:139 Resp: 139

Ion Ratio Lower Upper

139 100

109 215.5 101.2 141.2#

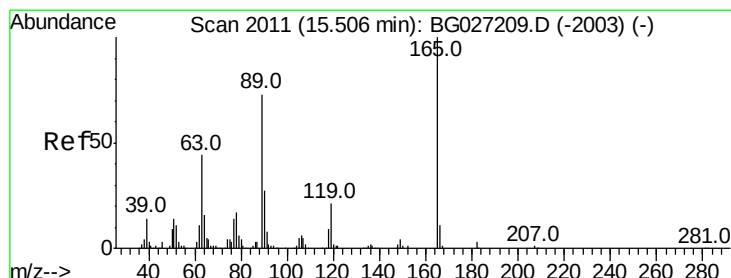
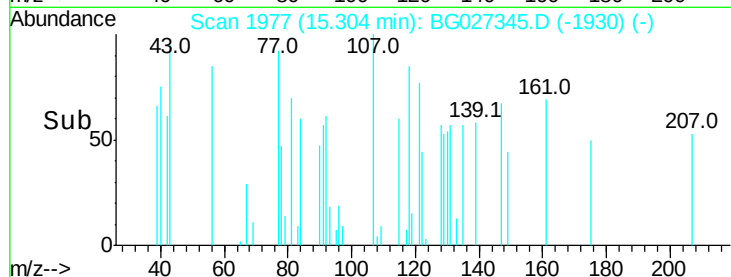
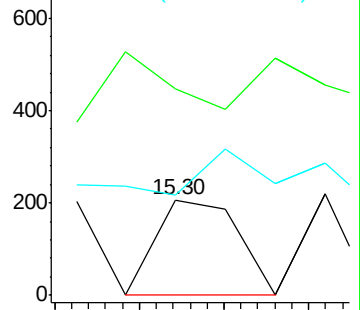
65 104.3 135.3 175.3#



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



#56

2,4-Dinitrotoluene

Concen: 7.00 ng

RT: 15.50 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG027345.D

Acq: 9 Jun 2017 10:11

Tgt Ion:165 Resp: 58

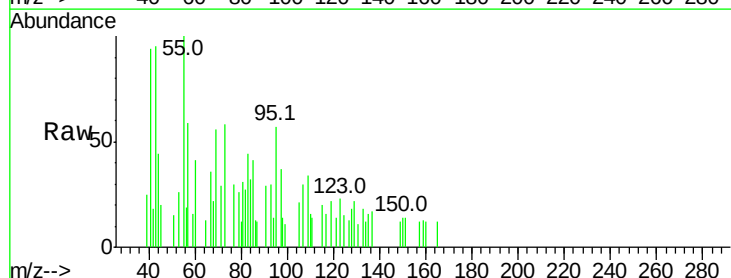
Ion Ratio Lower Upper

165 100

63 0.0 44.0 66.0#

89 0.0 67.3 100.9#

182 0.0 3.8 5.6#

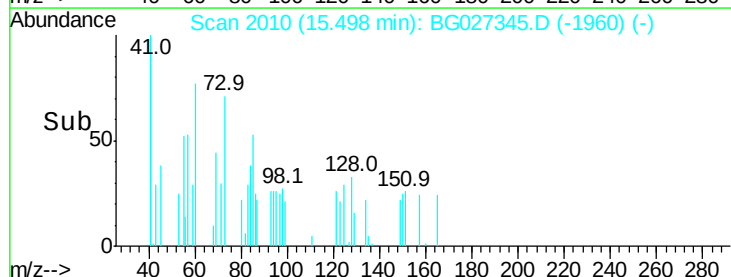
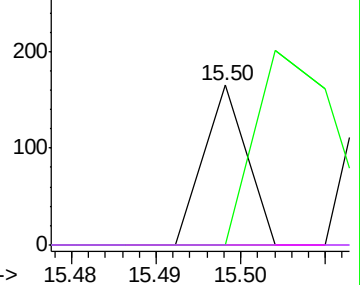


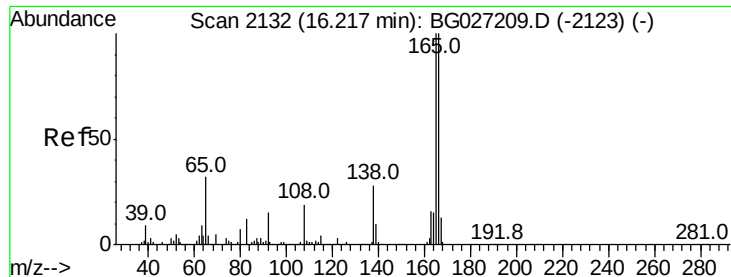
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

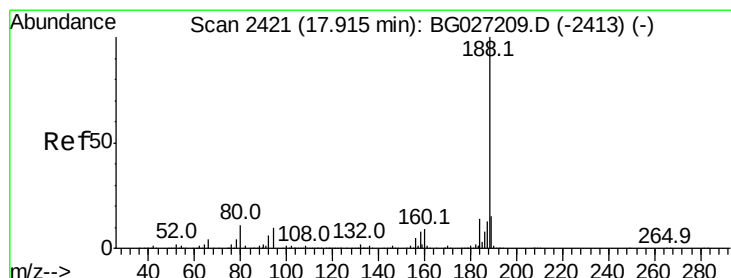
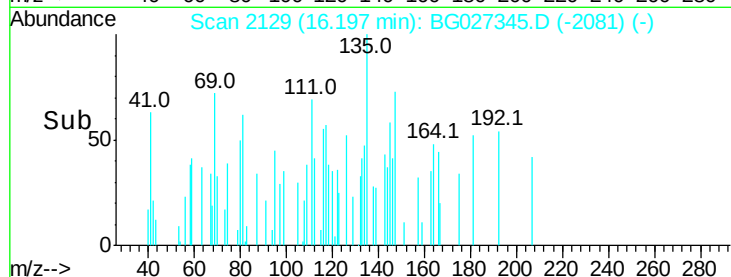
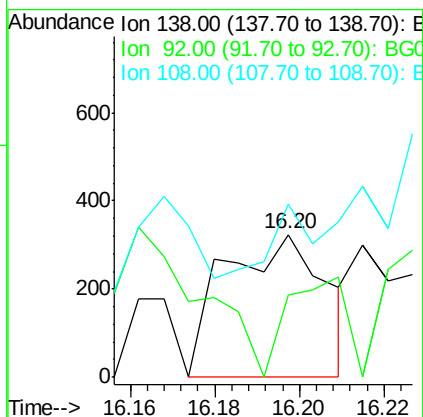
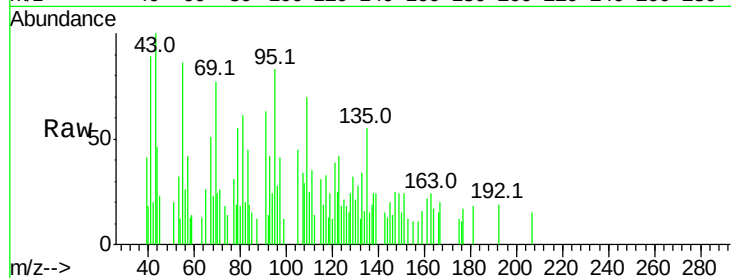




#61
4-Nitroaniline
Concen: 6.06 ng
RT: 16.20 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG027345.D
Acq: 9 Jun 2017 10:11

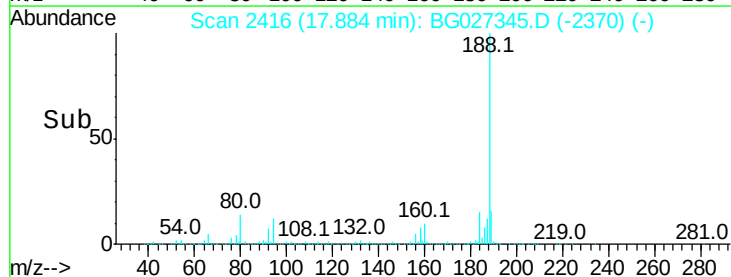
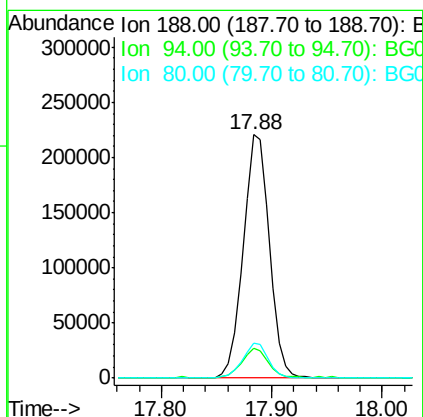
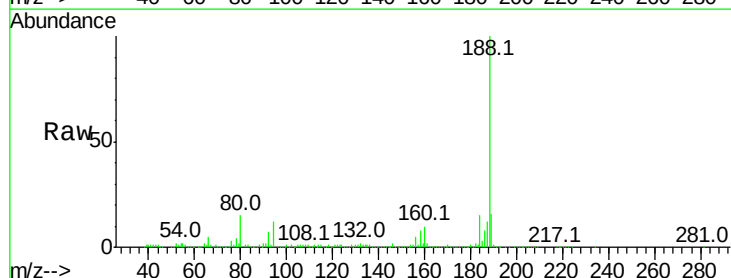
Instrument :
BNA_G
ClientSampleId :

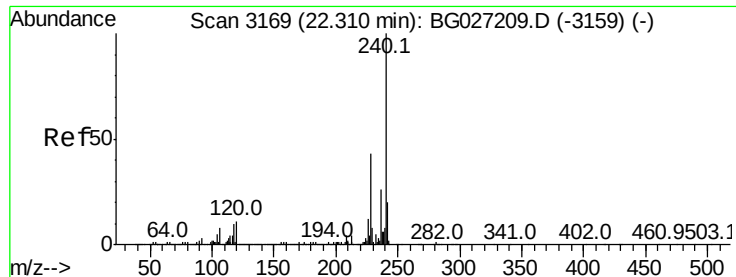
Tot Ion:138 Resp: 536
Ion Ratio Lower Upper
138 100
92 57.6 44.2 84.2
108 121.7 104.8 144.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027345.D
Acq: 9 Jun 2017 10:11

Tgt Ion:188 Resp: 367894
Ion Ratio Lower Upper
188 100
94 12.4 5.8 8.8#
80 14.5 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: BG027345.D

Acq: 9 Jun 2017 10:11

Instrument :

BNA_G

ClientSampled :

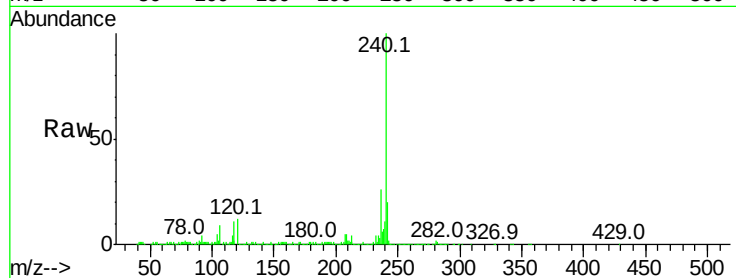
Tot Ion:240 Resp: 410852

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

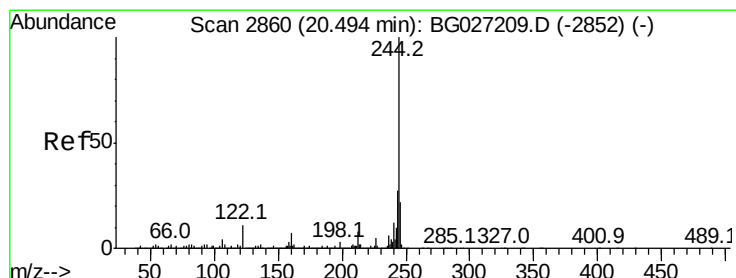
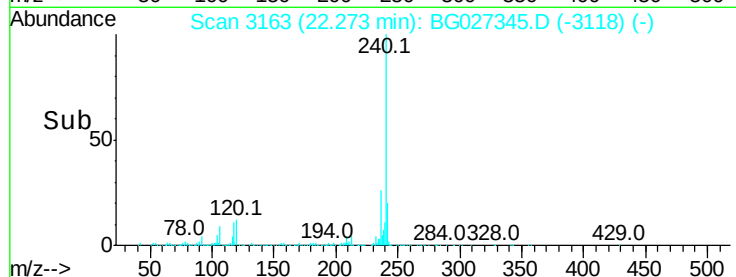
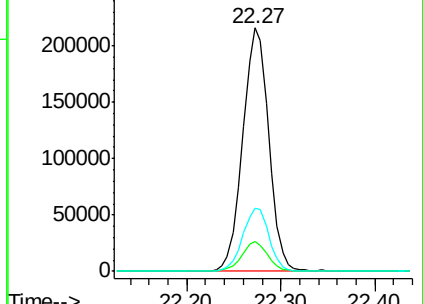
236 26.1 22.2 33.4



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: 86.10 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027345.D

Acq: 9 Jun 2017 10:11

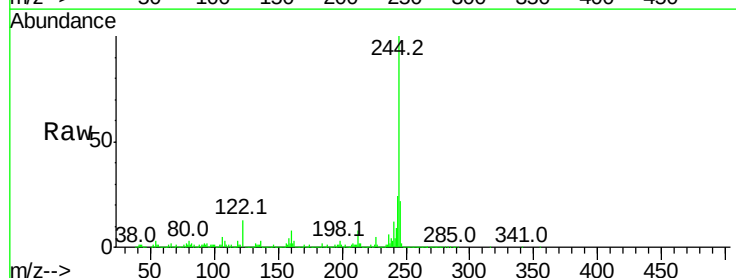
Tgt Ion:244 Resp: 1386722

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

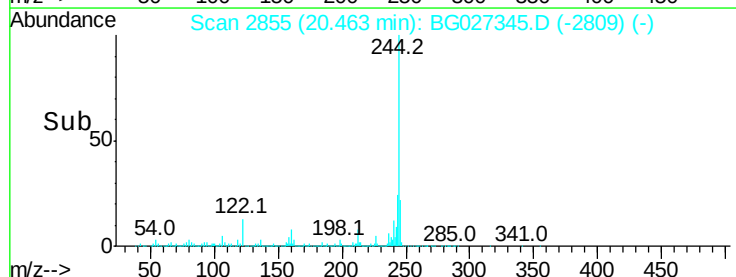
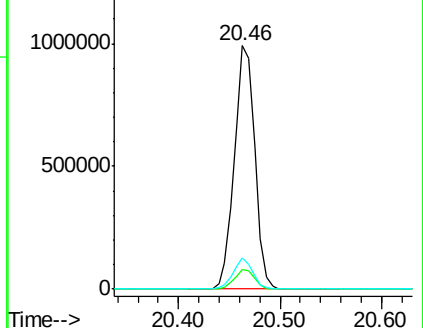
122 12.6 8.6 12.8

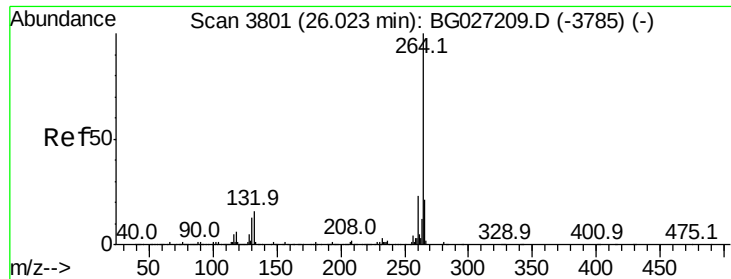


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3791
 Delta R.T. -0.06 min
 Lab File: BG027345.D
 Acq: 9 Jun 2017 10:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.4	18.2	27.4

