

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027396.D
 Acq On : 13 Jun 2017 21:40
 Operator : SJ/MA
 Sample : I3614-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 14 06:10:45 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

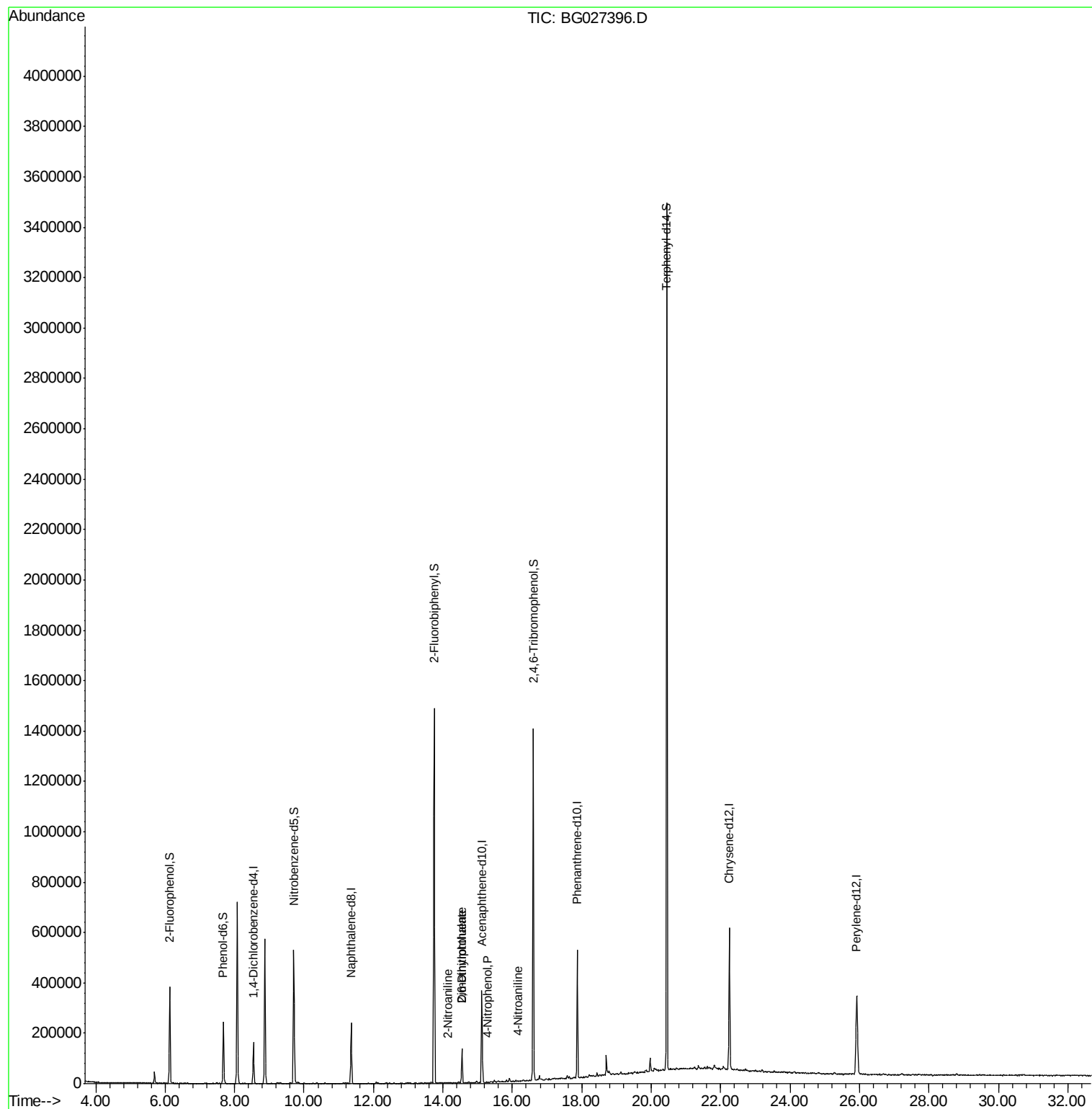
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	46462	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	215032	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	128642	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	321618	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	384967	20.00	ng	-0.06
86) Perylene-d12	25.92	264	371790	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	173165	56.87	ng	-0.03
7) Phenol-d6	7.68	99	154316	34.53	ng	-0.03
23) Nitrobenzene-d5	9.70	82	355138	103.87	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	277028	163.54	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	791829	86.11	ng	-0.04
78) Terphenyl-d14	20.44	244	1519727	100.71	ng	-0.05
Target Compounds						
47) 2-Nitroaniline	14.14	65	57	6.85	ng	# 16
49) Dimethylphthalate	14.55	163	89603	8.78	ng	96
50) 2,6-Dinitrotoluene	14.55	165	967	6.03	ng	# 1
55) 4-Nitrophenol	15.29	139	56	6.15	ng	# 25
61) 4-Nitroaniline	16.16	138	386	6.05	ng	# 1

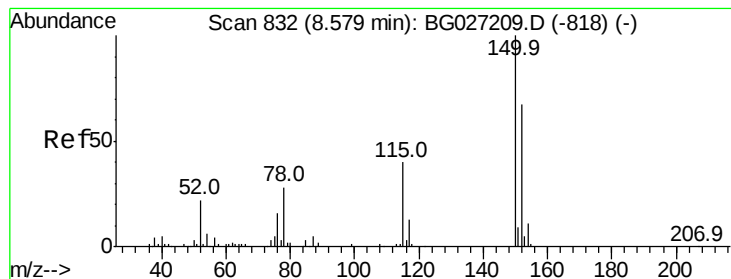
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
Data File : BG027396.D
Acq On : 13 Jun 2017 21:40
Operator : SJ/MA
Sample : I3614-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 14 06:10:45 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

Instrument :

BNA_G

ClientSampleId :

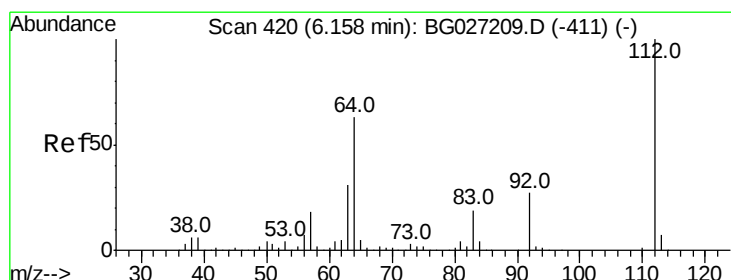
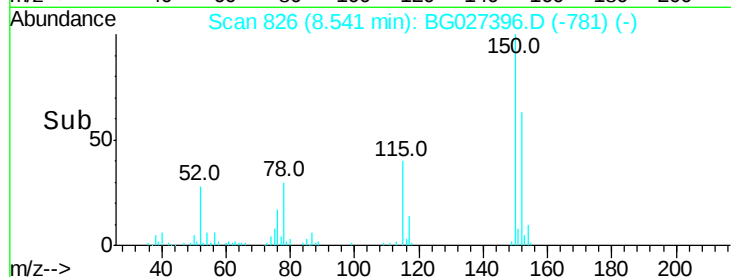
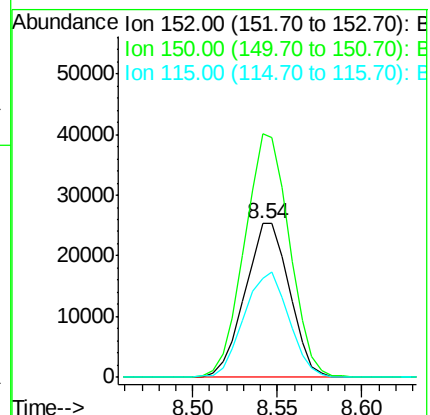
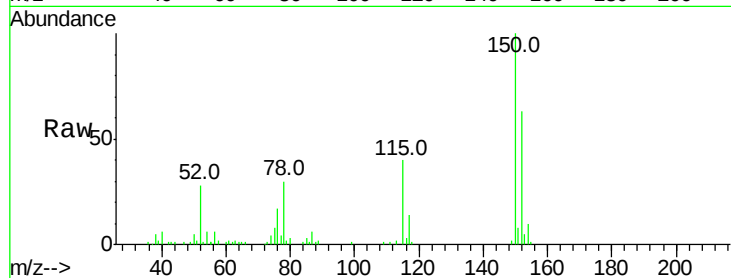
Tot Ion:152 Resp: 46462

Ion Ratio Lower Upper

152 100

150 158.6 114.0 171.0

115 64.2 48.1 72.1



#5

2-Fluorophenol

Concen: 56.87 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.03 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

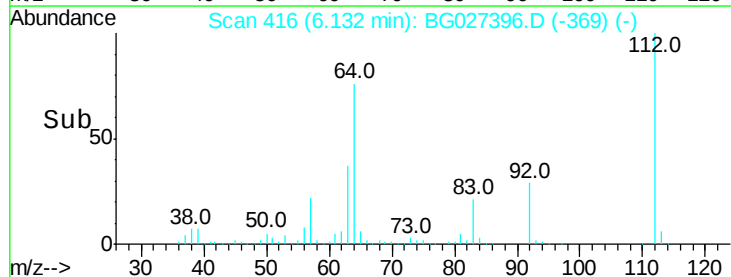
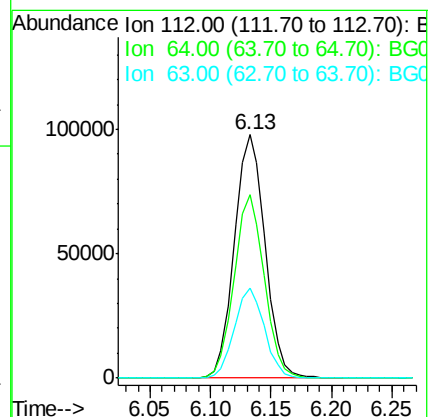
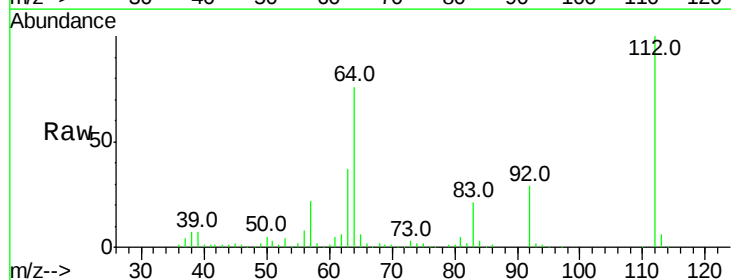
Tgt Ion:112 Resp: 173165

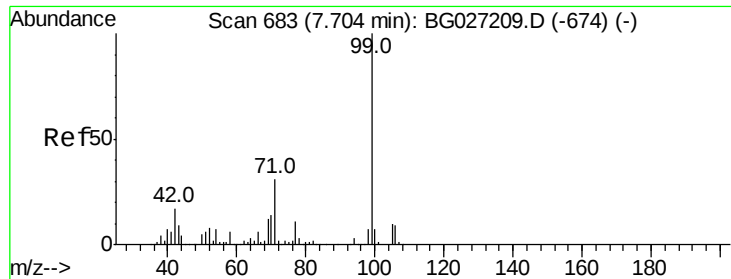
Ion Ratio Lower Upper

112 100

64 75.6 61.8 92.6

63 37.1 37.2 55.8#





#7

Phenol-d6

Concen: 34.53 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.03 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

Instrument :

BNA_G

ClientSampleId :

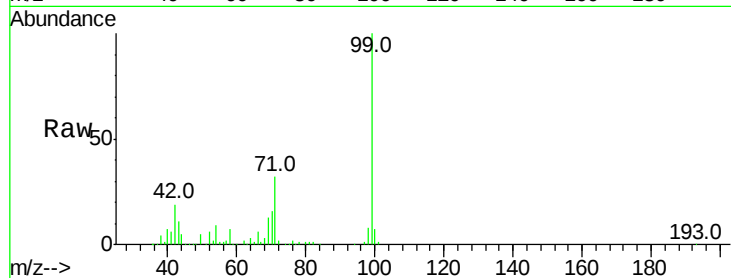
Tot Ion: 99 Resp: 154316

Ion Ratio Lower Upper

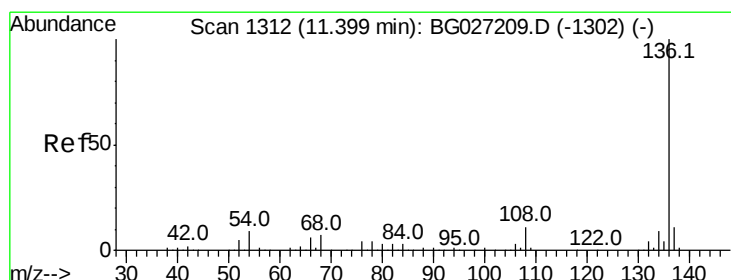
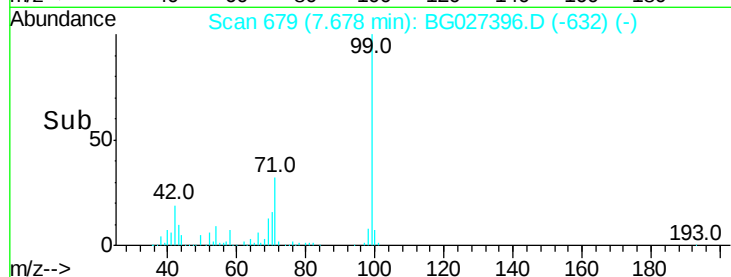
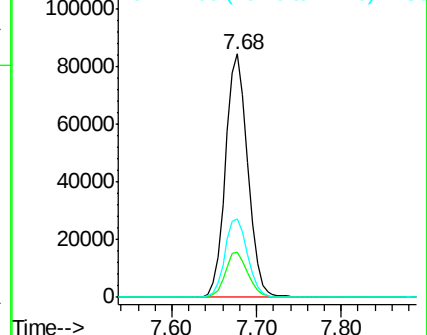
99 100

42 18.8 20.5 30.7#

71 32.2 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: 11.36 min Scan# 1306

Delta R.T. -0.04 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

Tgt Ion: 136 Resp: 215032

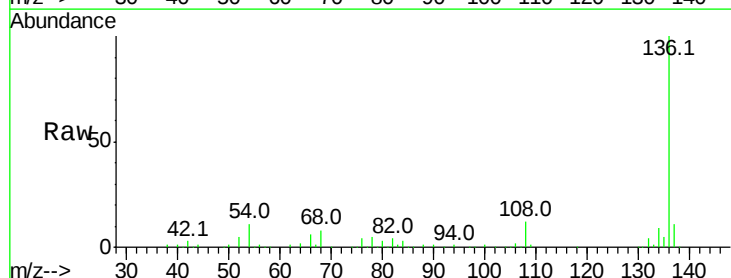
Ion Ratio Lower Upper

136 100

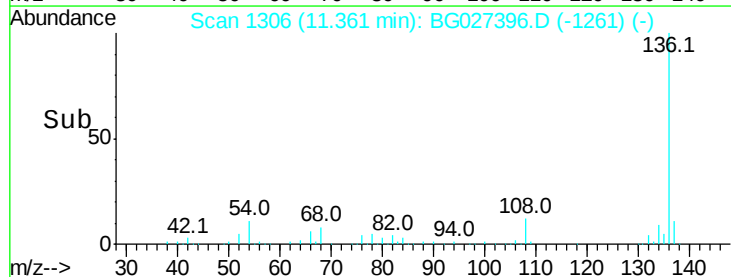
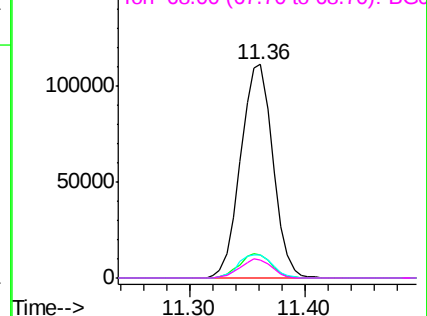
137 10.6 8.9 13.3

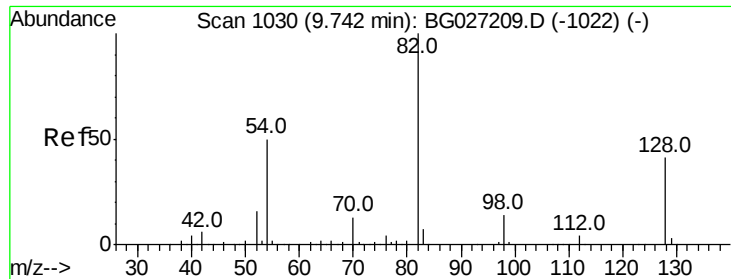
54 10.9 9.3 13.9

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

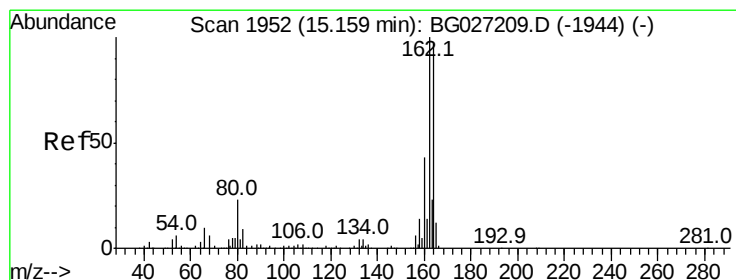
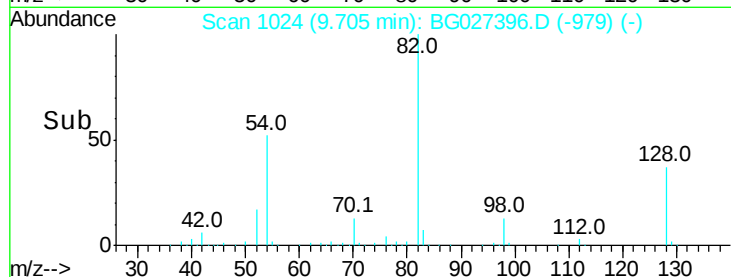
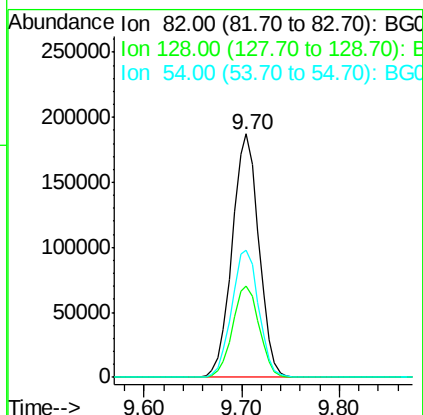
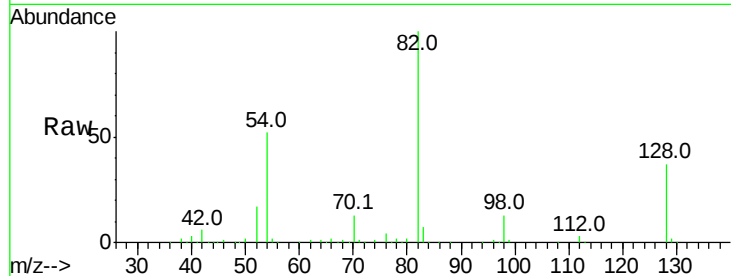




#23
 Nitrobenzene-d5
 Concen: 103.87 ng
 RT: 9.70 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027396.D
 Acq: 13 Jun 2017 21:40

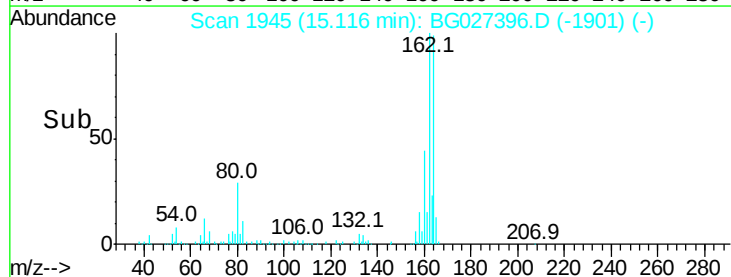
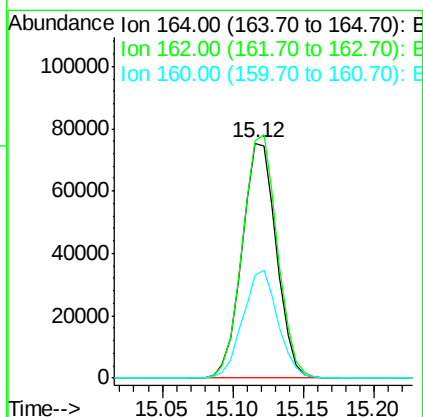
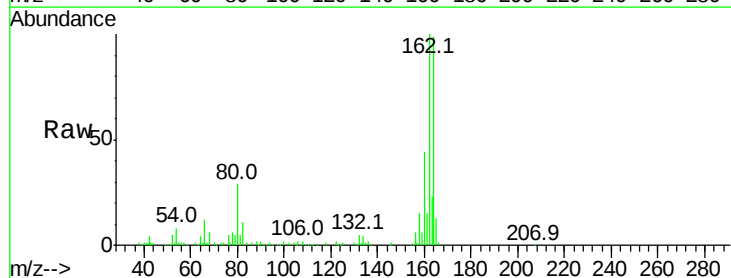
Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82	Resp	355138
Ion	Ratio	Lower	Upper
82	100		
128	37.3	26.4	39.6
54	52.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027396.D
 Acq: 13 Jun 2017 21:40

Tgt Ion	164	Resp	128642
Ion	Ratio	Lower	Upper
164	100		
162	101.1	85.1	127.7
160	44.0	34.7	52.1

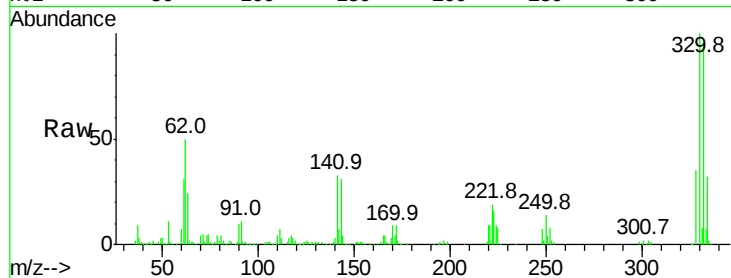




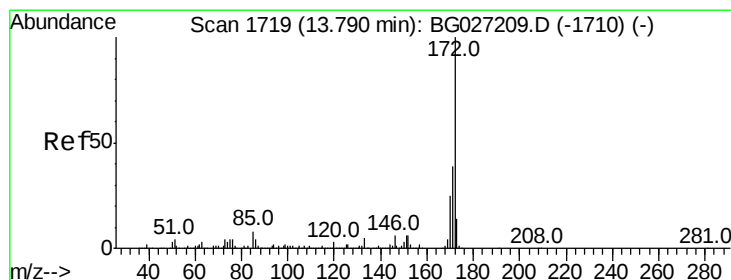
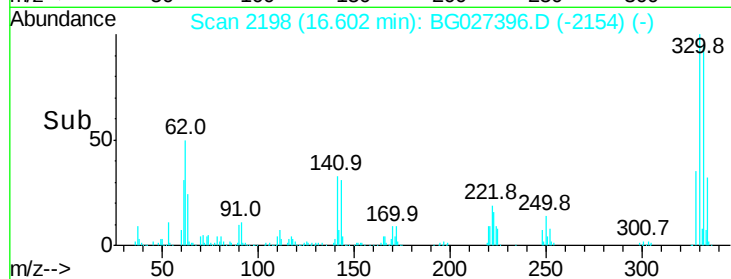
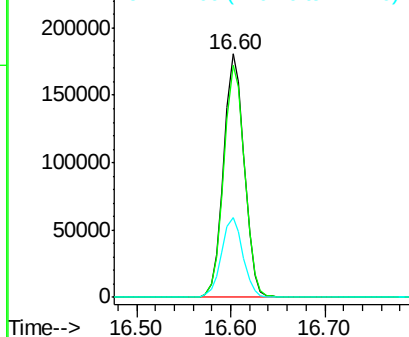
#41
 2,4,6-Tribromophenol
 Concen: 163.54 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027396.D
 Acq: 13 Jun 2017 21:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.9	32.1	48.1

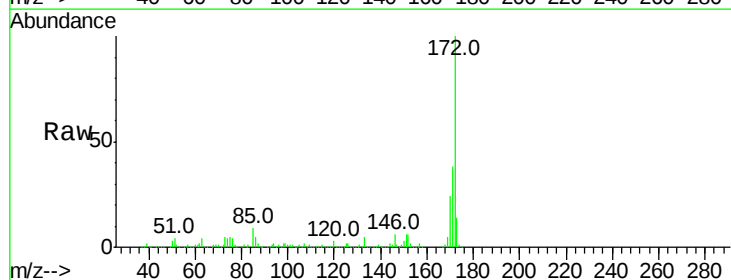


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

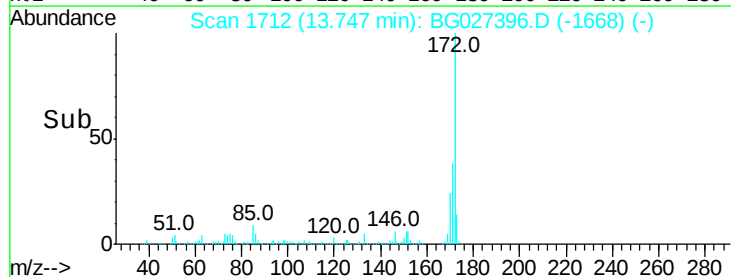
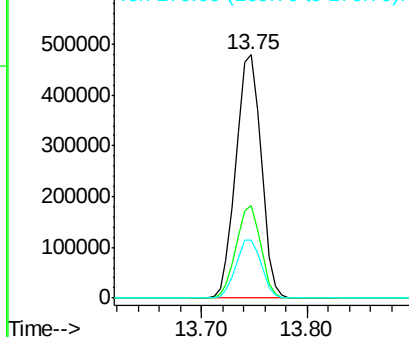


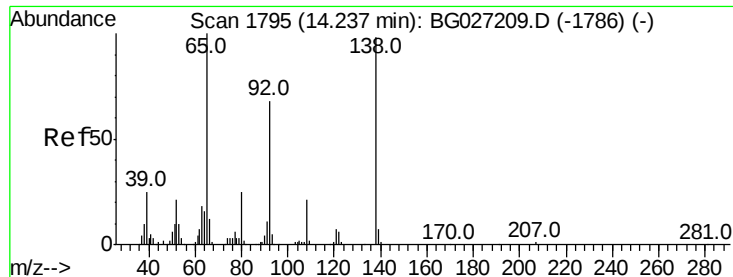
#44
 2-Fluorobiphenyl
 Concen: 86.11 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027396.D
 Acq: 13 Jun 2017 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.0	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

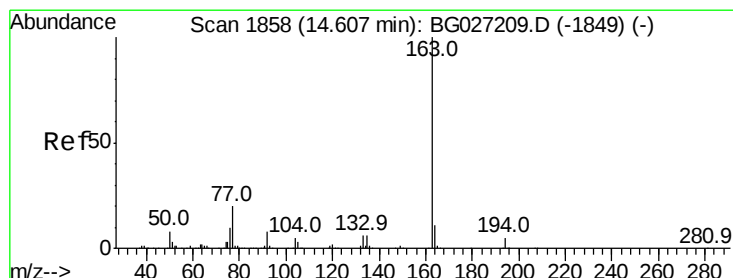
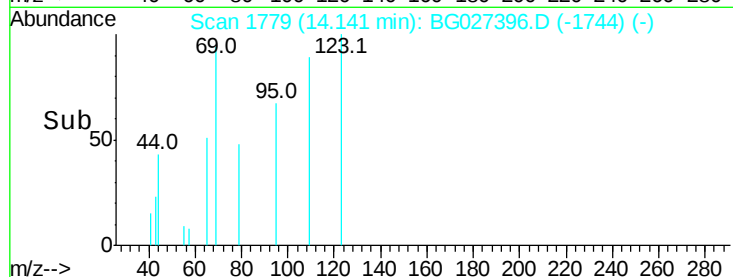
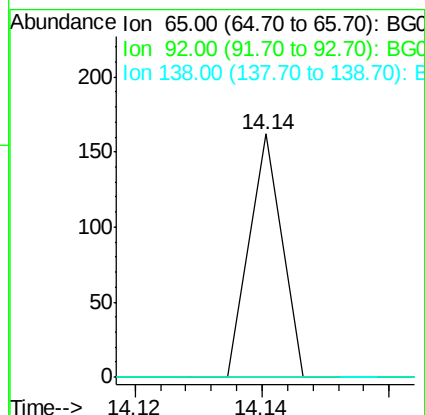
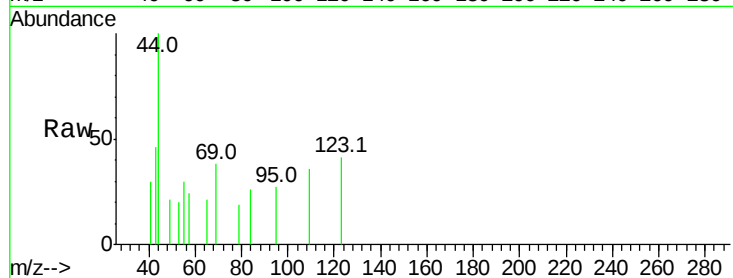




#47
2-Nitroaniline
Concen: 6.85 ng
RT: 14.14 min Scan# 1779
Delta R.T. -0.10 min
Lab File: BG027396.D
Acq: 13 Jun 2017 21:40

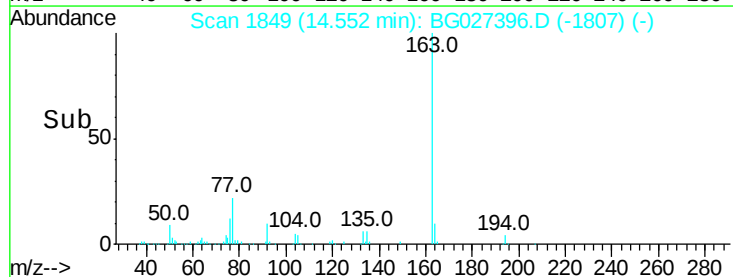
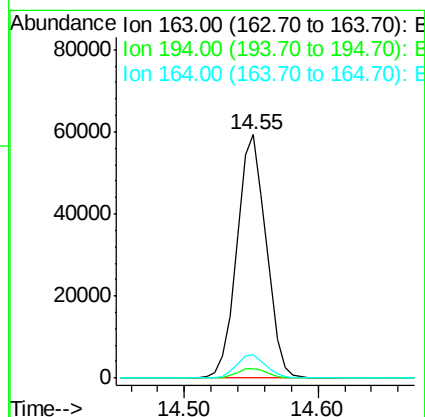
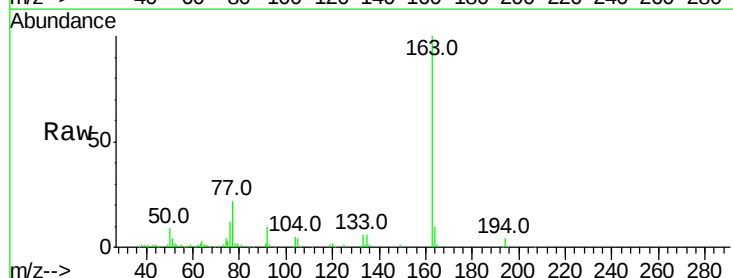
Instrument :
BNA_G
ClientSampleId :

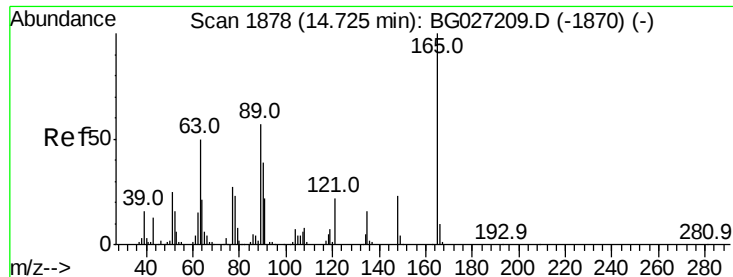
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.4#
138	0.0	58.6	87.8#



#49
Dimethylphthalate
Concen: 8.78 ng
RT: 14.55 min Scan# 1849
Delta R.T. -0.06 min
Lab File: BG027396.D
Acq: 13 Jun 2017 21:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.8	5.6
164	9.8	9.3	13.9

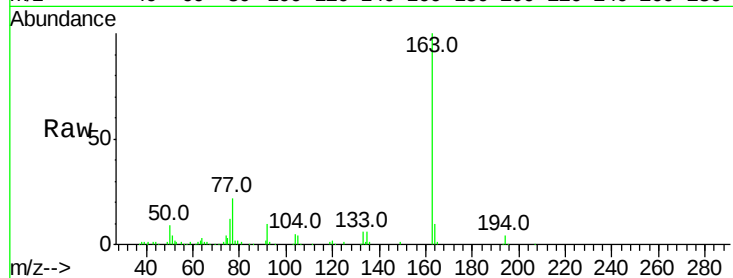




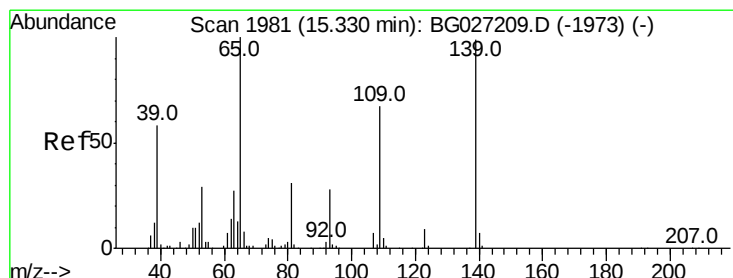
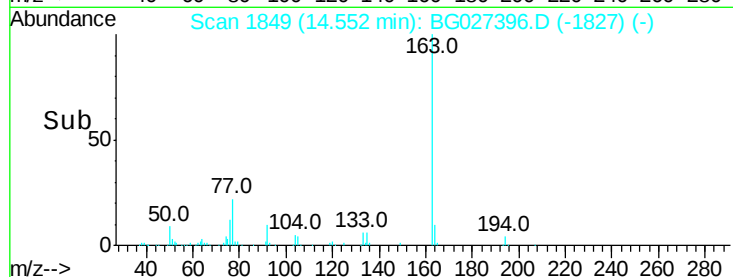
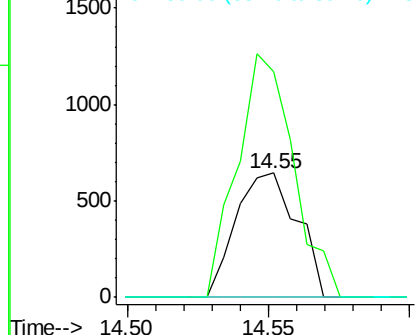
#50
2,6-Dinitrotoluene
Concen: 6.03 ng
RT: 14.55 min Scan# 1849
Delta R.T. -0.17 min
Lab File: BG027396.D
Acq: 13 Jun 2017 21:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 967
Ion Ratio Lower Upper
165 100
63 181.6 63.9 95.9#
89 0.0 58.6 88.0#

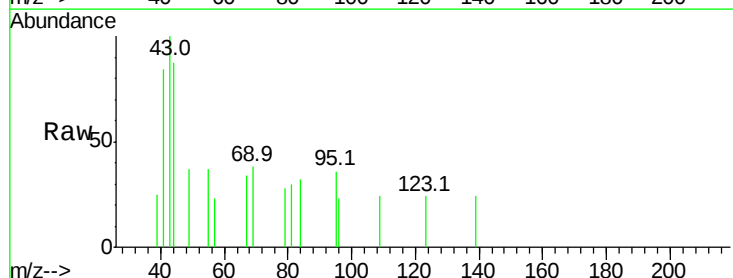


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

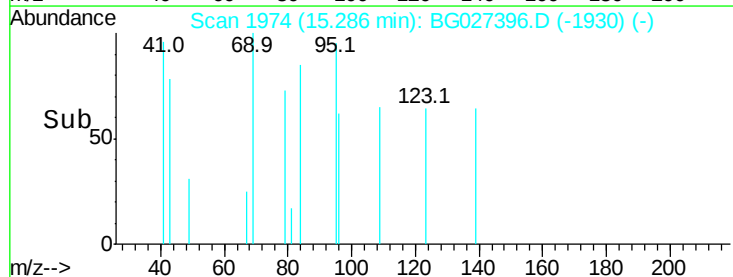
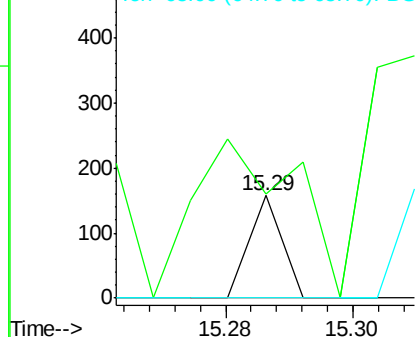


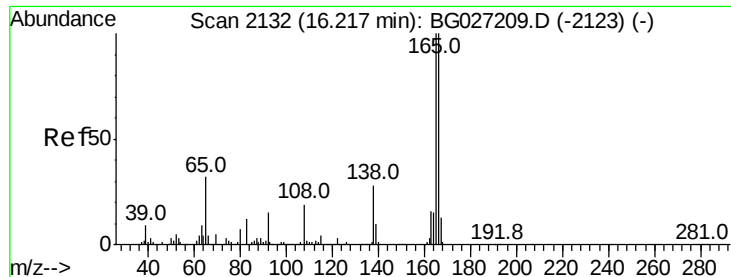
#55
4-Nitrophenol
Concen: 6.15 ng
RT: 15.29 min Scan# 1974
Delta R.T. -0.04 min
Lab File: BG027396.D
Acq: 13 Jun 2017 21:40

Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 101.9 101.2 141.2
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





#61

4-Nitroaniline

Concen: 6.05 ng

RT: 16.16 min Scan# 2122

Delta R.T. -0.06 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

Instrument :

BNA_G

ClientSampleId :

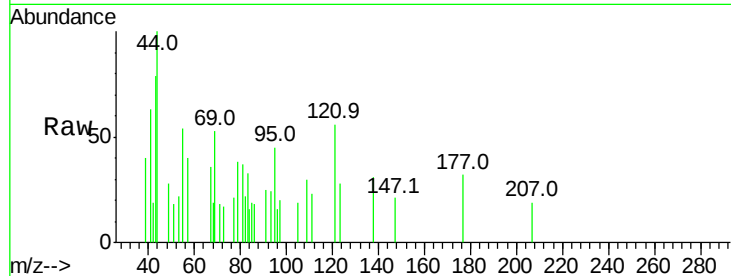
Tot Ion:138 Resp: 386

Ion Ratio Lower Upper

138 100

92 0.0 44.2 84.2#

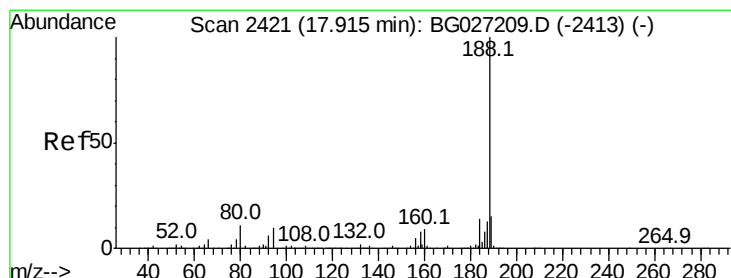
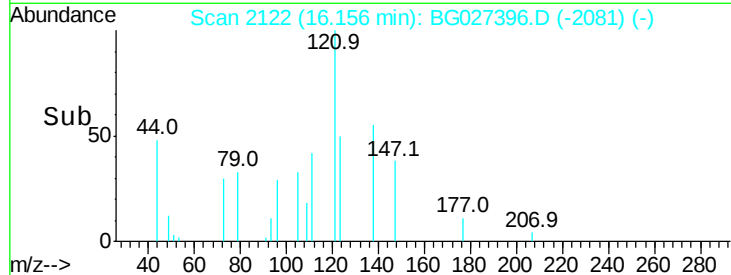
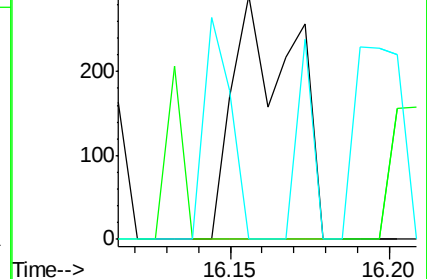
108 0.0 104.8 144.8#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.87 min Scan# 2414

Delta R.T. -0.04 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

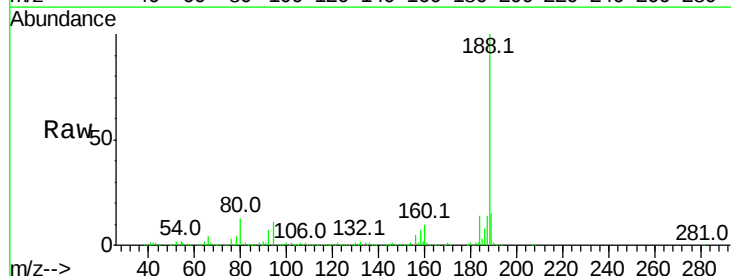
Tgt Ion:188 Resp: 321618

Ion Ratio Lower Upper

188 100

94 11.2 5.8 8.8#

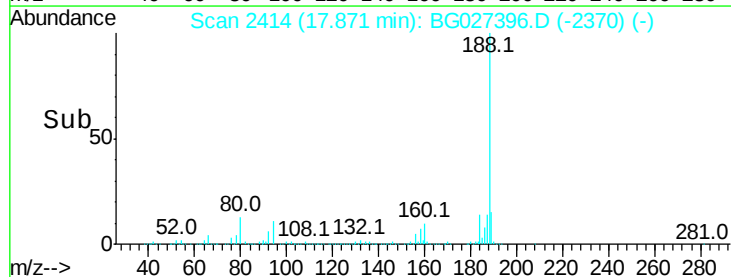
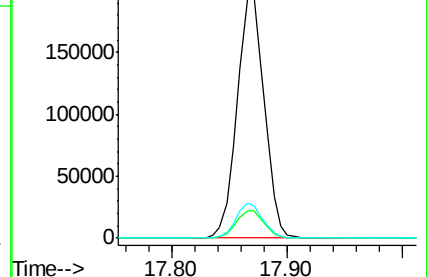
80 13.2 7.5 11.3#

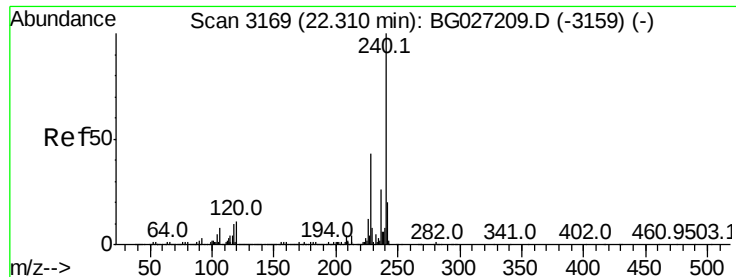


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.25 min Scan# 3159

Delta R.T. -0.06 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

Instrument :

BNA_G

ClientSampleId :

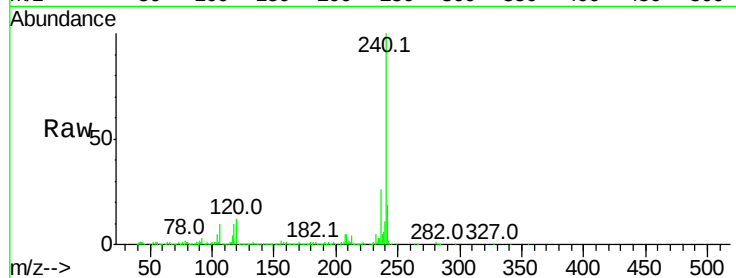
Tot Ion:240 Resp: 384967

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

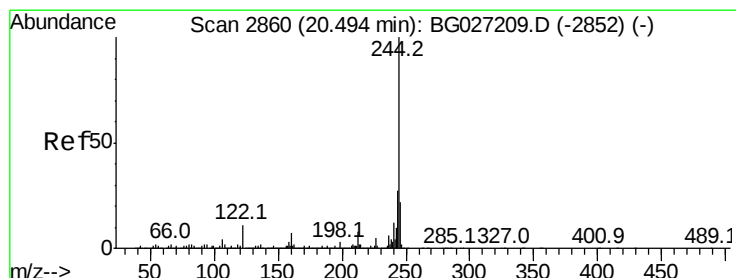
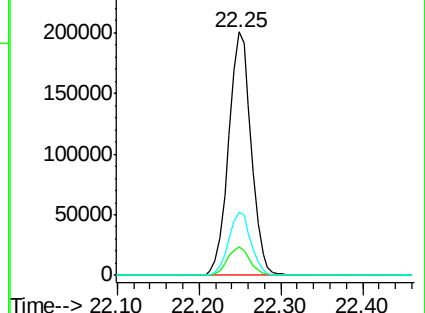
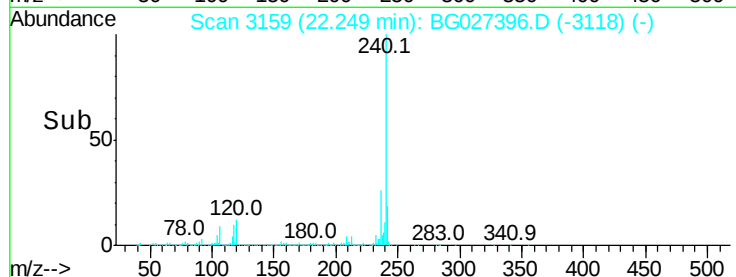
236 26.0 22.2 33.4



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: 100.71 ng

RT: 20.44 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027396.D

Acq: 13 Jun 2017 21:40

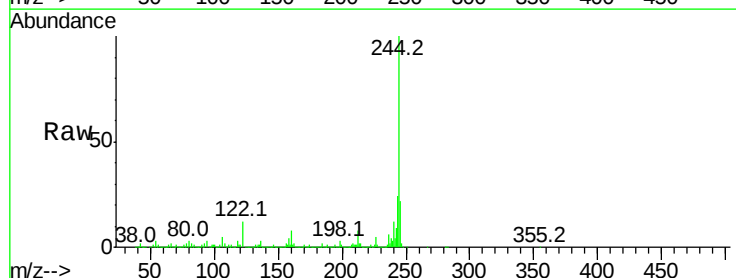
Tgt Ion:244 Resp: 1519727

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

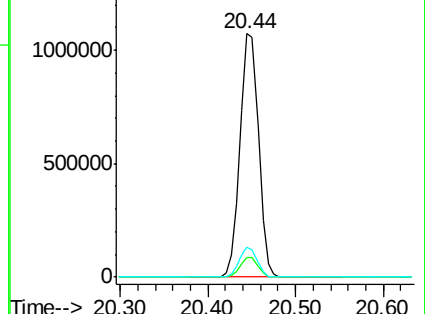
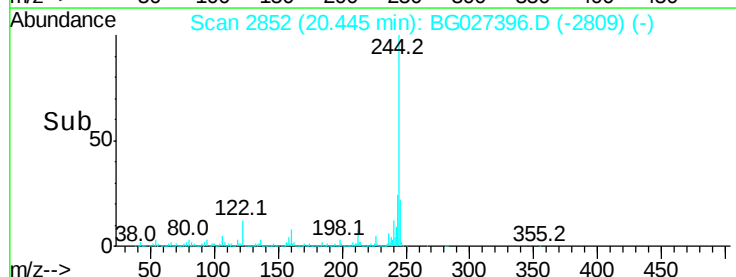
122 12.5 8.6 12.8

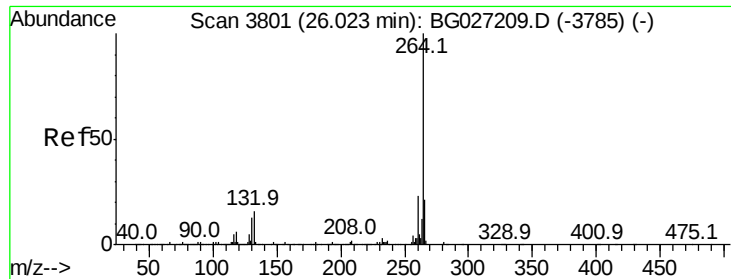


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

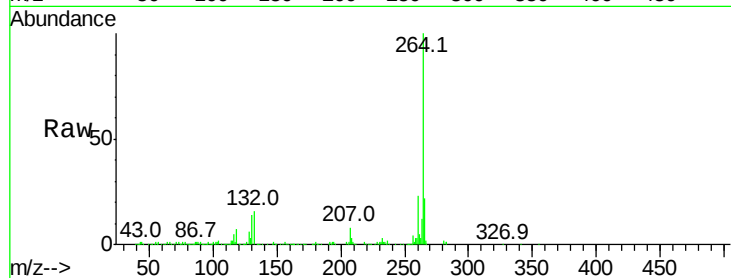




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.92 min Scan# 3784
Delta R.T. -0.10 min
Lab File: BG027396.D
Acq: 13 Jun 2017 21:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	22.1	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

