

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026396.D
 Acq On : 23 Mar 2017 10:40
 Operator : SJ/MA
 Sample : I2350-15RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 24 00:58:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

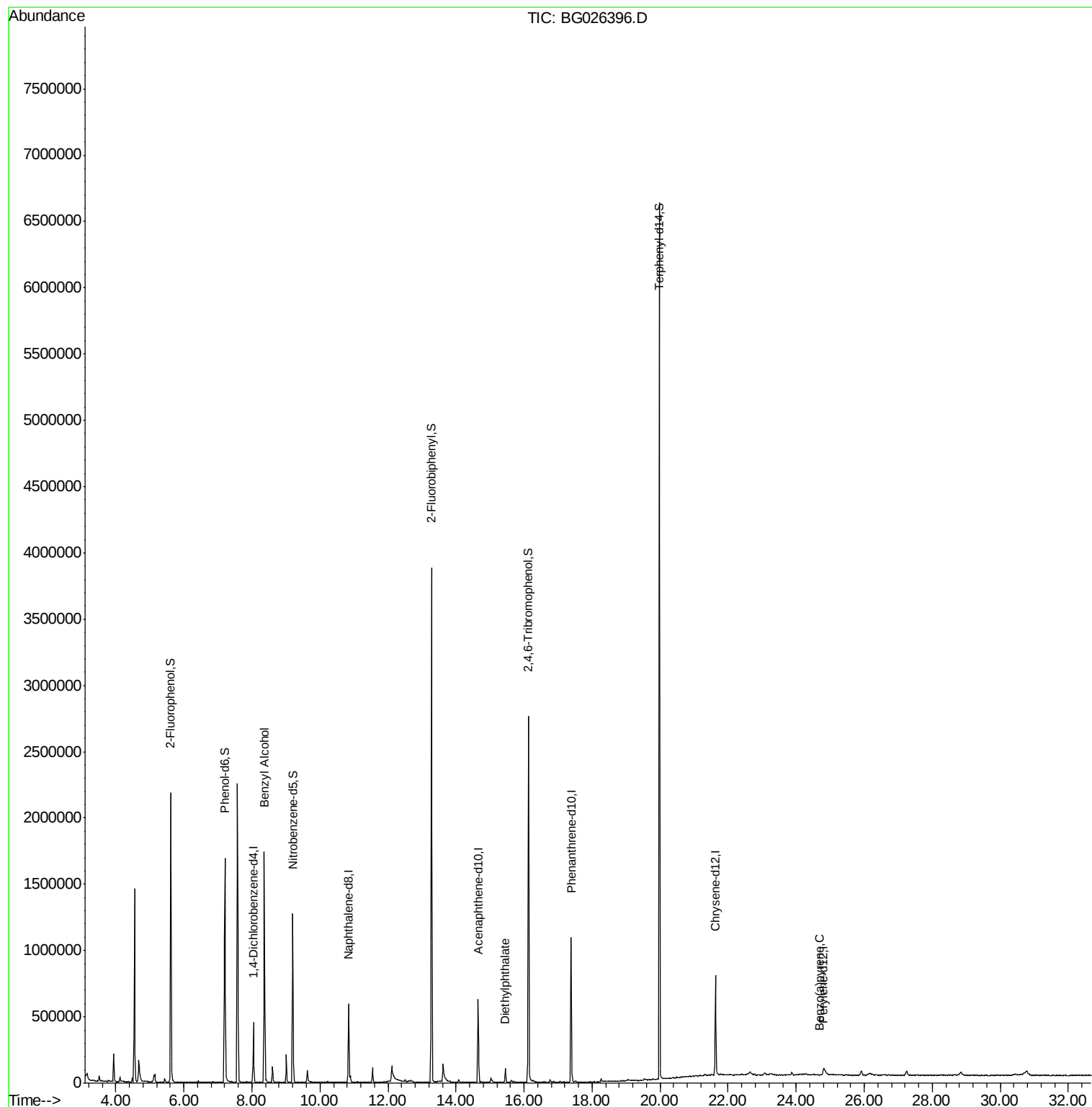
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	144917	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	589775	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	196123	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	694059	20.00	ng	-0.01
75) Chrysene-d12	21.63	240	364434	20.00	ng	-0.01
86) Perylene-d12	24.80	264	8800	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1129743	138.37	ng	0.00
7) Phenol-d6	7.20	99	1048244	95.63	ng	0.00
23) Nitrobenzene-d5	9.20	82	819846	83.58	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	599037	266.72	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	2165696	154.86	ng	0.00
78) Terphenyl-d14	19.98	244	2758838	183.85	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.37	79	15021	2.09	ng	# 52
59) Diethylphthalate	15.45	149	65067	4.30	ng	97
89) Benzo(a)pyrene	24.68	252	1773	3.56	ng	# 51

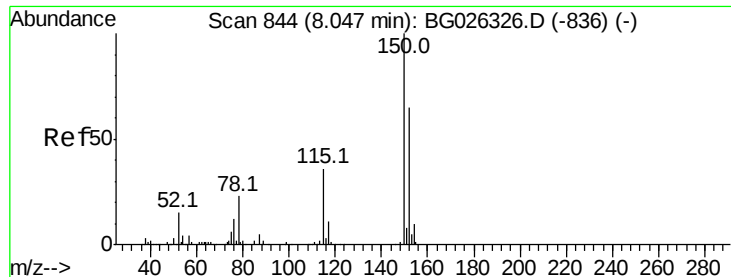
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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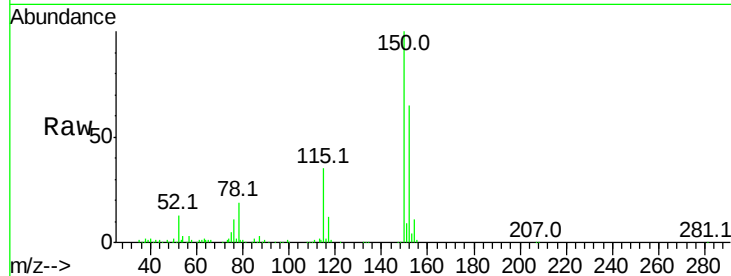


#1

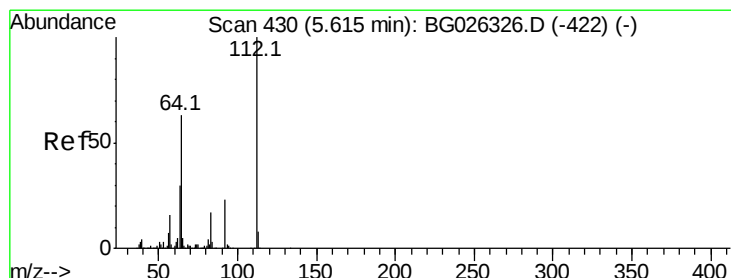
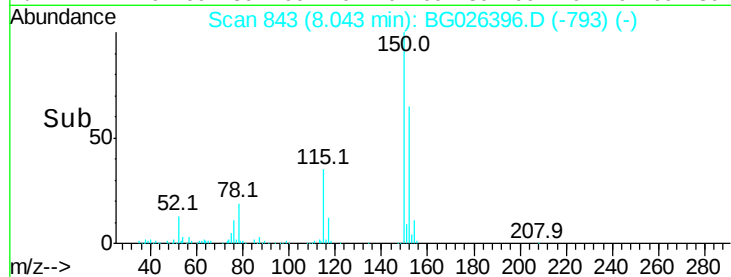
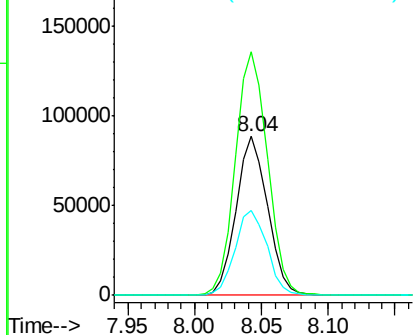
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026396.D
Acq: 23 Mar 2017 10:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 144917
Ion Ratio Lower Upper
152 100
150 153.4 114.0 171.0
115 53.2 48.1 72.1



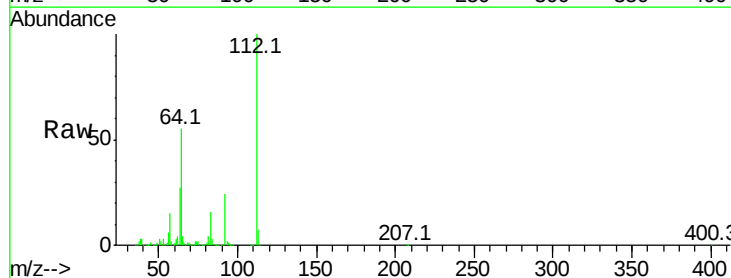
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



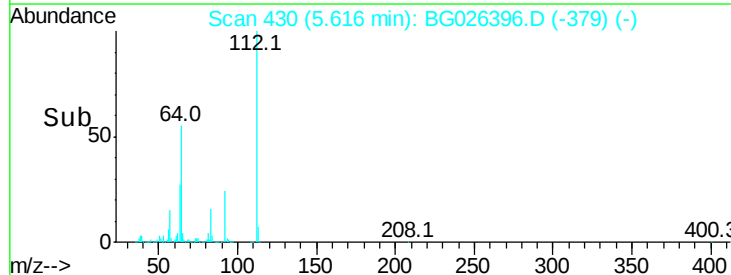
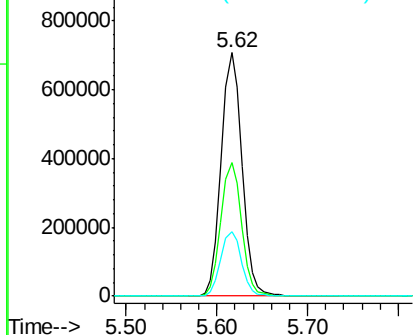
#5

2-Fluorophenol
Concen: 138.37 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026396.D
Acq: 23 Mar 2017 10:40

Tgt Ion:112 Resp: 1129743
Ion Ratio Lower Upper
112 100
64 55.1 61.8 92.6#
63 26.7 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: 95.63 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG026396.D

Acq: 23 Mar 2017 10:40

Instrument :

BNA_G

ClientSampleId :

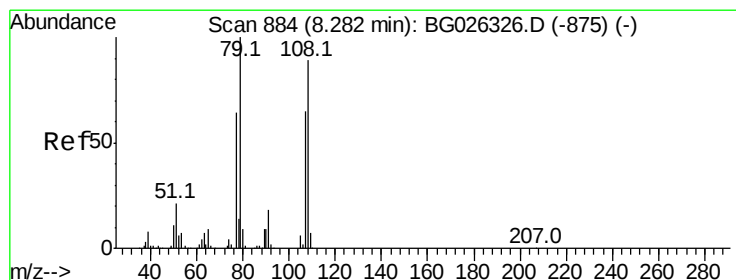
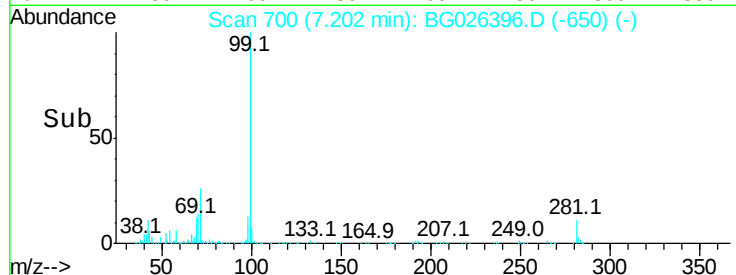
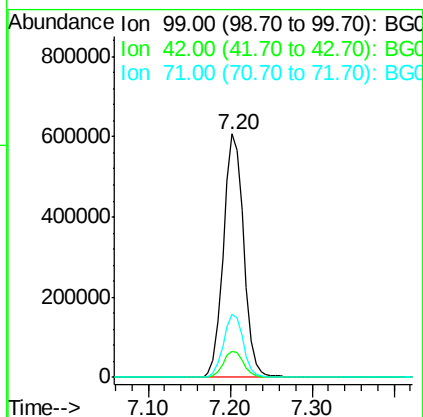
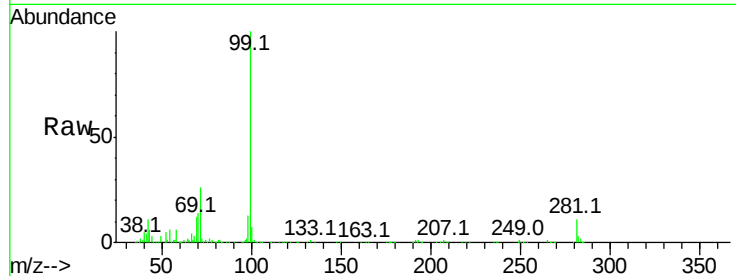
Tot Ion: 99 Resp: 1048244

Ion Ratio Lower Upper

99 100

42 10.8 20.5 30.7#

71 26.0 37.6 56.4#



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 8.37 min Scan# 898

Delta R.T. 0.08 min

Lab File: BG026396.D

Acq: 23 Mar 2017 10:40

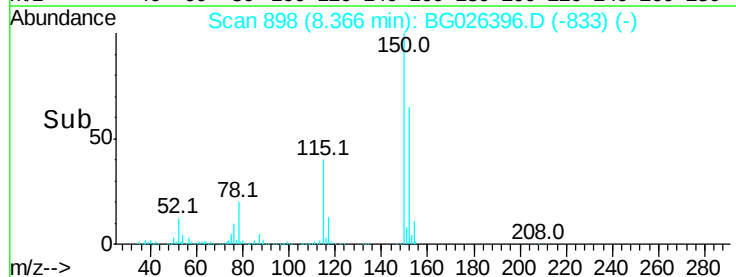
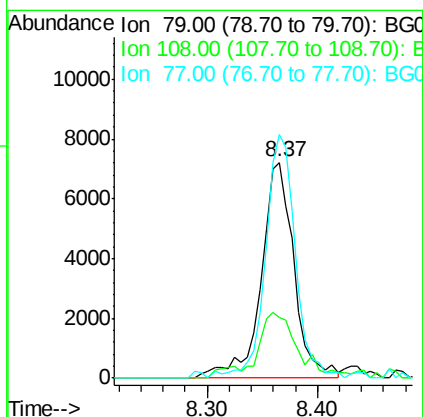
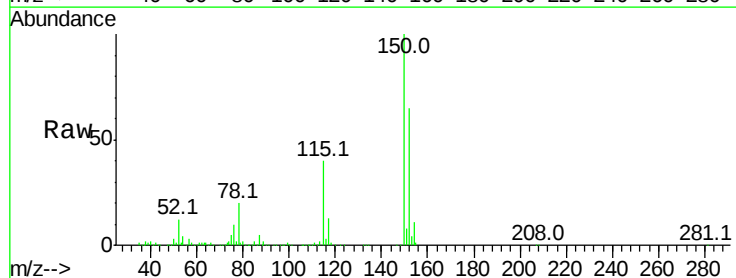
Tgt Ion: 79 Resp: 15021

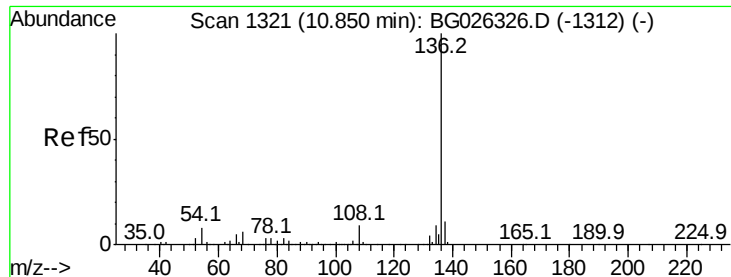
Ion Ratio Lower Upper

79 100

108 28.2 45.5 68.3#

77 112.7 54.3 81.5#

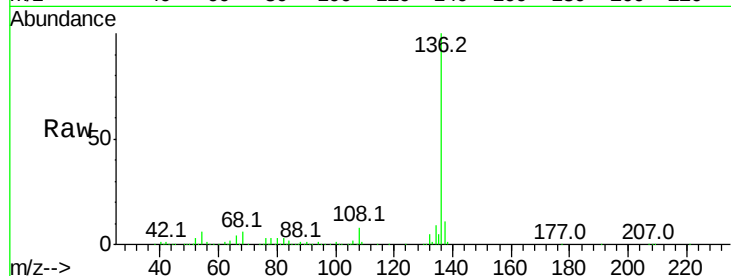




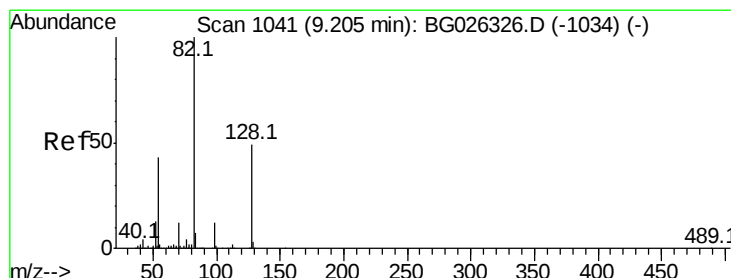
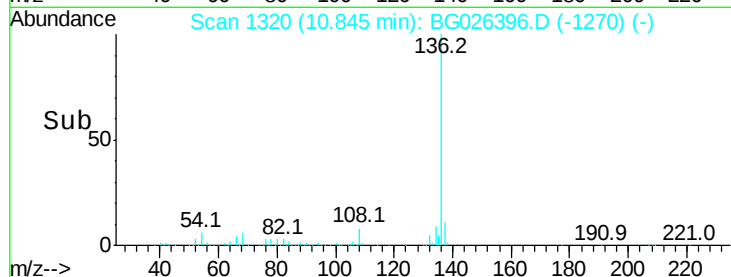
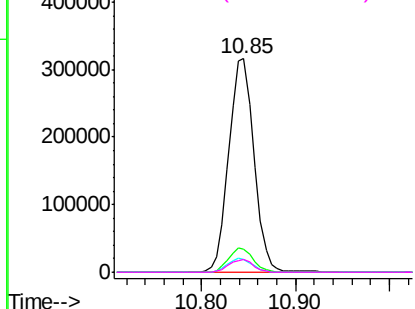
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG026396.D
Acq: 23 Mar 2017 10:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	589775
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.1	9.3	13.9#
68	5.8	5.1	7.7

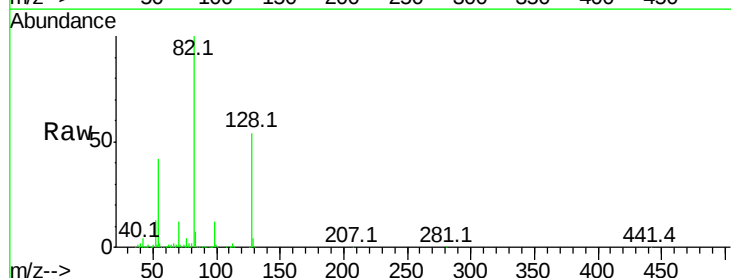


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

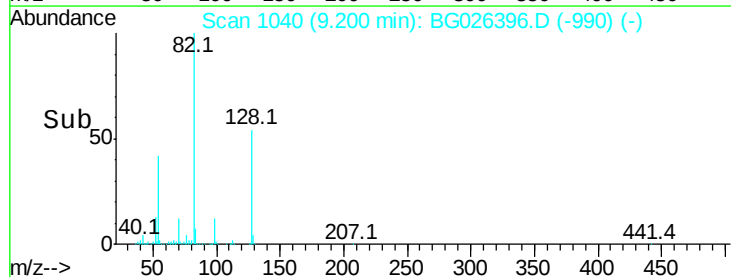
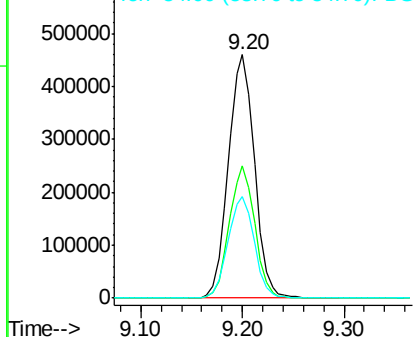


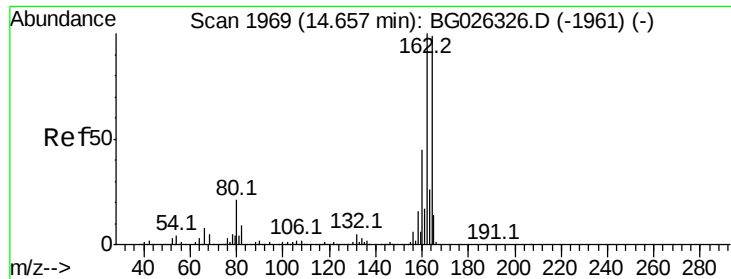
#23
Nitrobenzene-d5
Concen: 83.58 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG026396.D
Acq: 23 Mar 2017 10:40

Tgt Ion:	82	Resp:	819846
Ion	Ratio	Lower	Upper
82	100		
128	54.1	26.4	39.6#
54	41.9	49.4	74.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG026396.D

Acq: 23 Mar 2017 10:40

Instrument :

BNA_G

ClientSampleId :

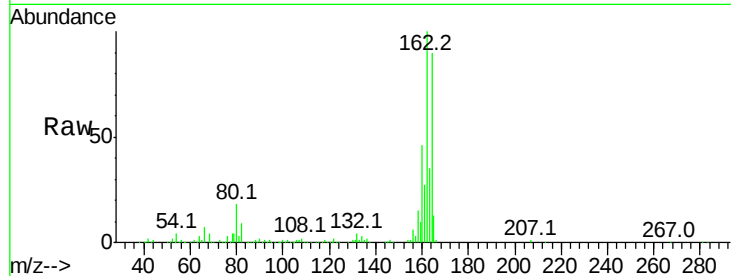
Tot Ion:164 Resp: 196123

Ion Ratio Lower Upper

164 100

162 110.8 85.1 127.7

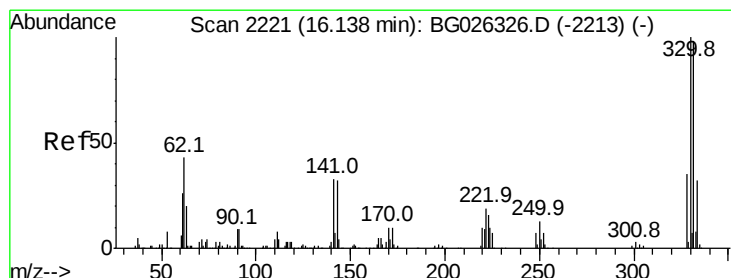
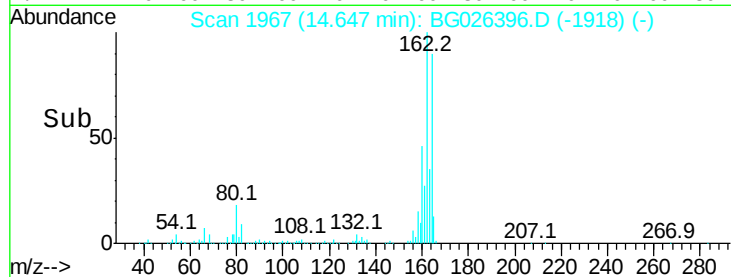
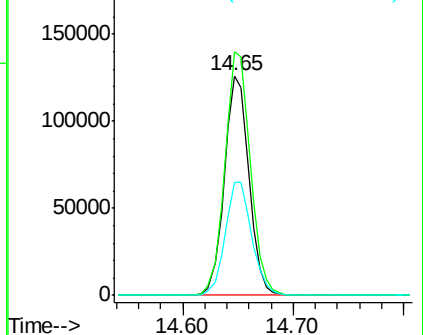
160 51.3 34.7 52.1



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: 266.72 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG026396.D

Acq: 23 Mar 2017 10:40

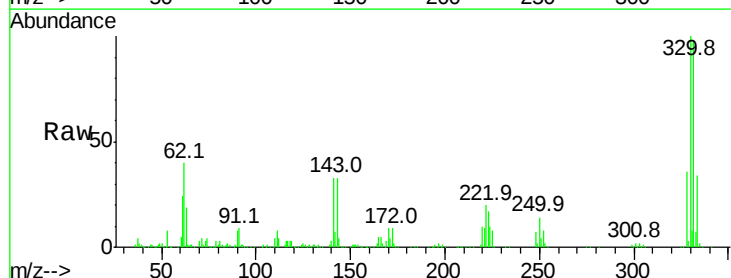
Tgt Ion:330 Resp: 599037

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

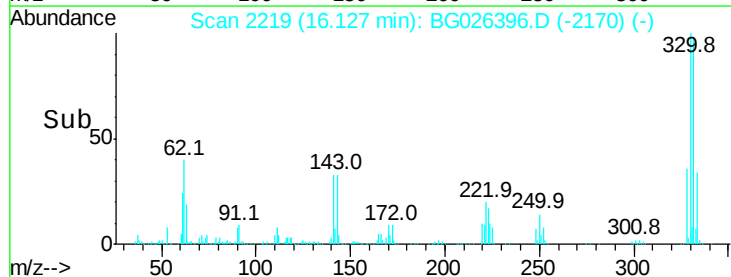
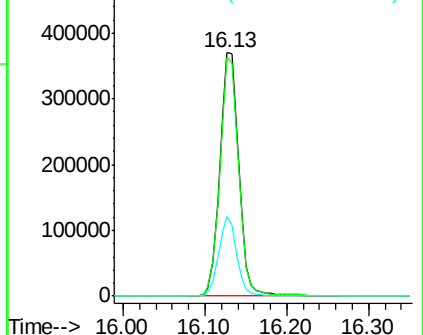
141 31.4 32.1 48.1#

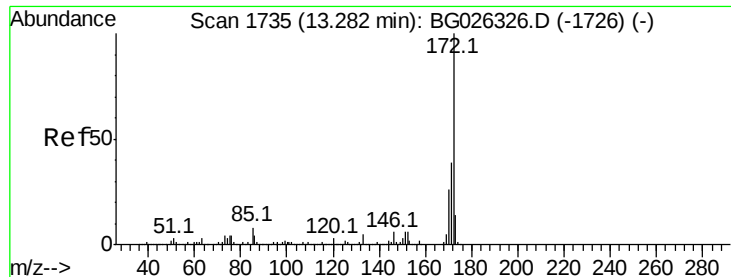


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

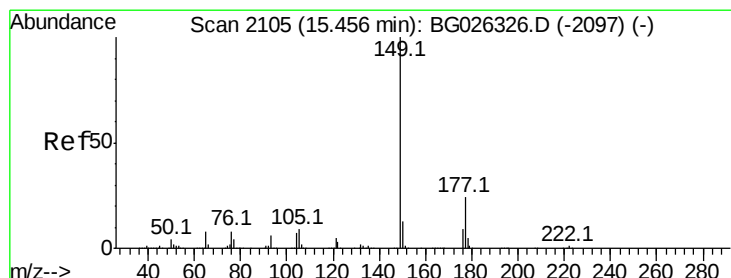
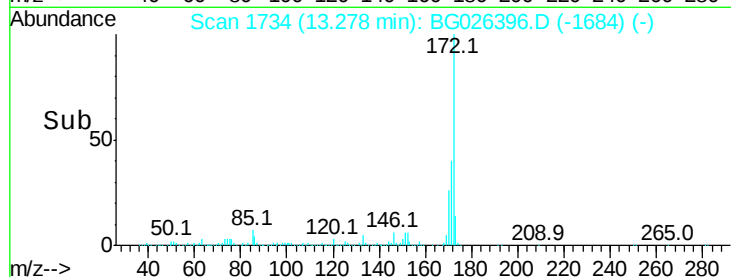
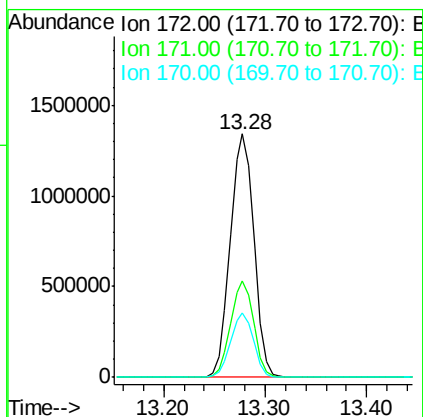
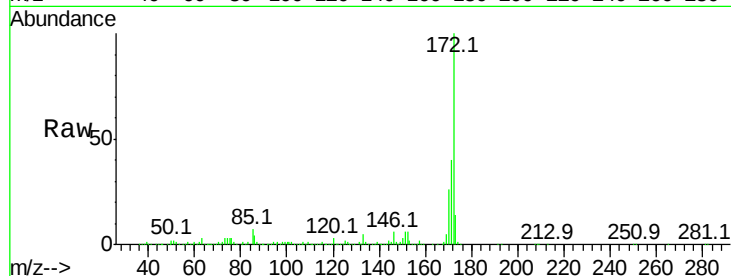




#44
2-Fluorobiphenyl
Concen: 154.86 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG026396.D
Acq: 23 Mar 2017 10:40

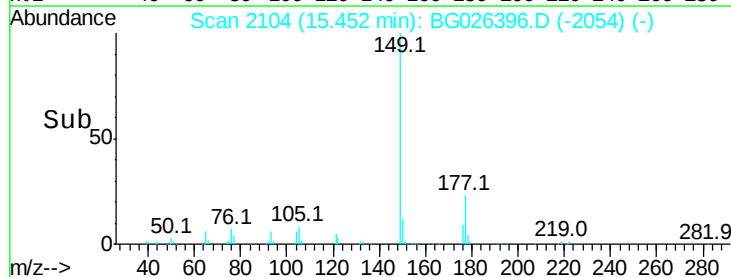
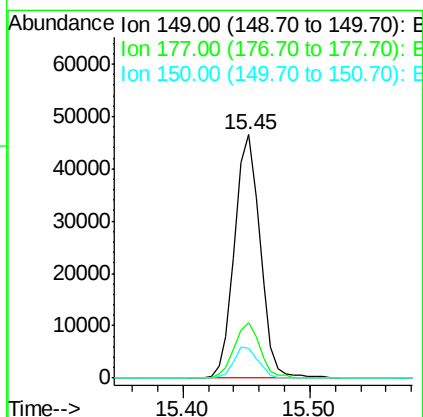
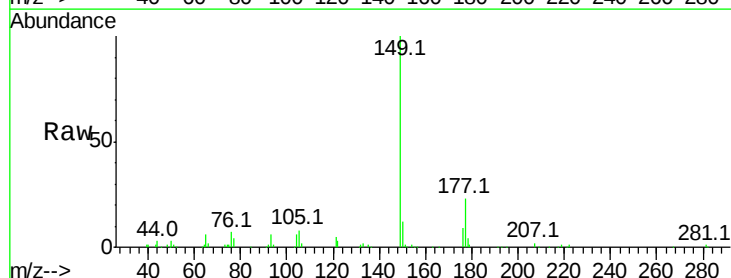
Instrument :
BNA_G
ClientSampleId :

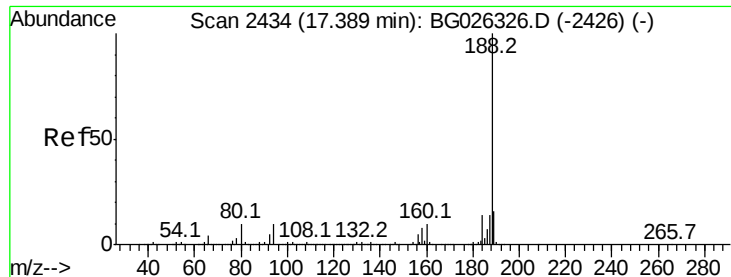
Tot Ion:172 Resp: 2165696
Ion Ratio Lower Upper
172 100
171 39.8 32.2 48.2
170 26.4 21.8 32.6



#59
Diethylphthalate
Concen: 4.30 ng
RT: 15.45 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BG026396.D
Acq: 23 Mar 2017 10:40

Tgt Ion:149 Resp: 65067
Ion Ratio Lower Upper
149 100
177 22.9 20.1 30.1
150 12.1 10.2 15.2

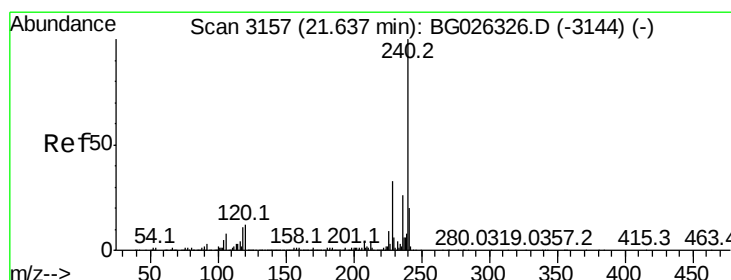
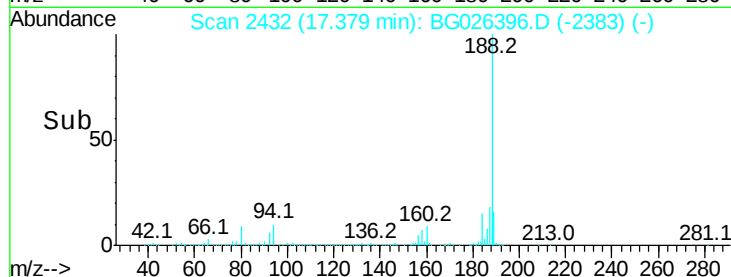
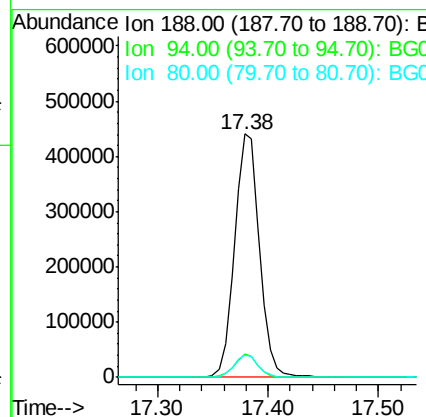
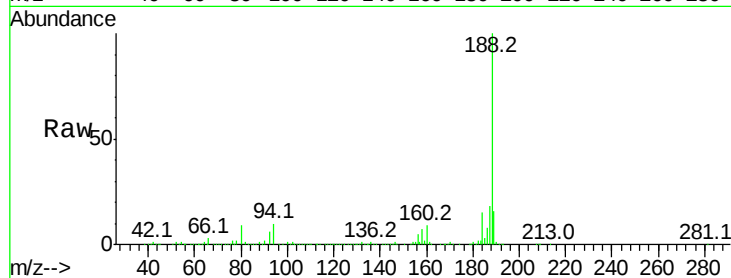




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026396.D
Acq: 23 Mar 2017 10:40

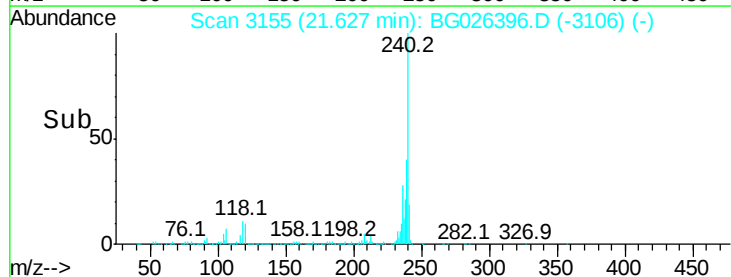
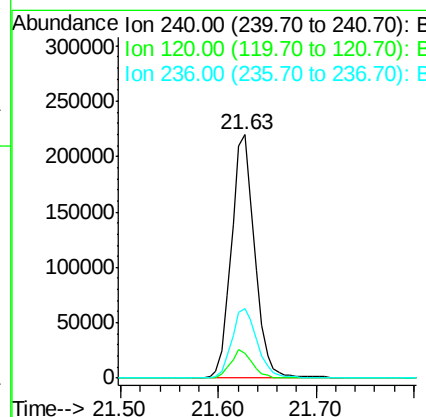
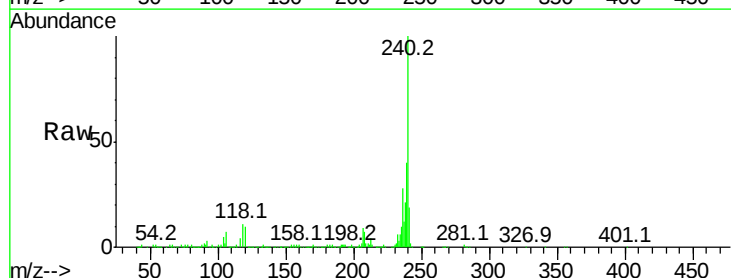
Instrument :
BNA_G
ClientSampled :

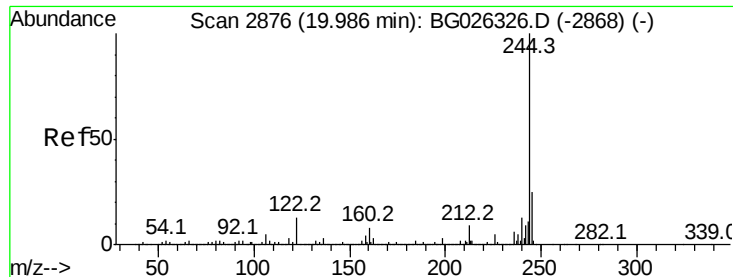
Tot Ion:188 Resp: 694059
Ion Ratio Lower Upper
188 100
94 9.5 5.8 8.8#
80 9.1 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026396.D
Acq: 23 Mar 2017 10:40

Tgt Ion:240 Resp: 364434
Ion Ratio Lower Upper
240 100
120 10.3 5.7 8.5#
236 28.3 22.2 33.4





#78

Terphenyl-d14

Concen: 183.85 ng

RT: 19.98 min Scan# 2874

Delta R.T. -0.01 min

Lab File: BG026396.D

Acq: 23 Mar 2017 10:40

Instrument :

BNA_G

ClientSampled :

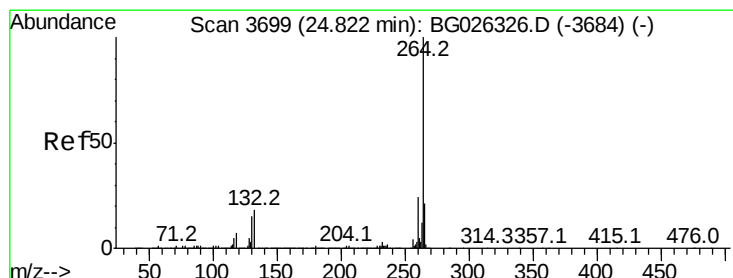
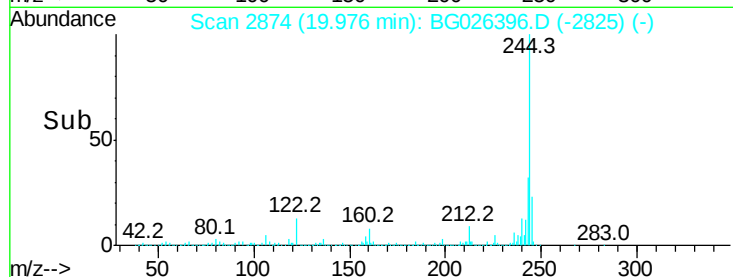
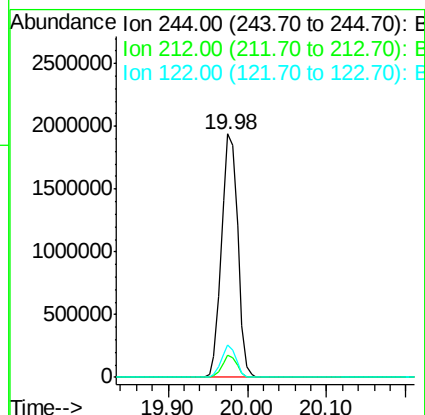
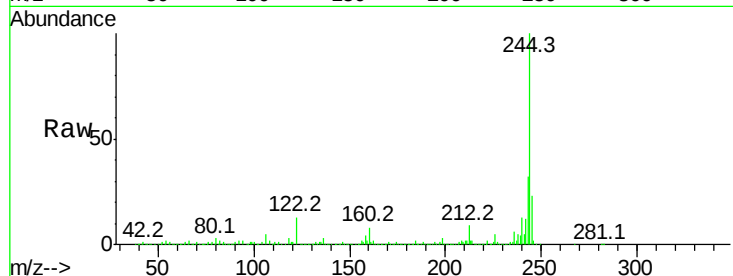
Tot Ion:244 Resp: 2758838

Ion Ratio Lower Upper

244 100

212 8.9 10.0 15.0#

122 13.4 8.6 12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.02 min

Lab File: BG026396.D

Acq: 23 Mar 2017 10:40

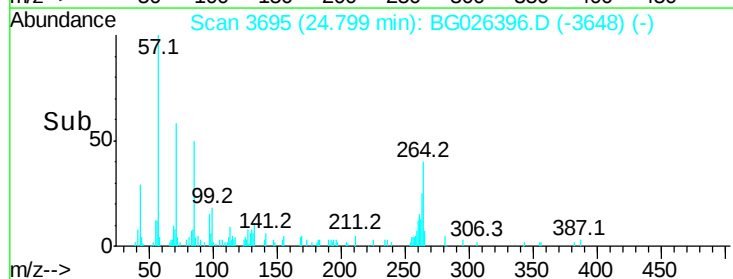
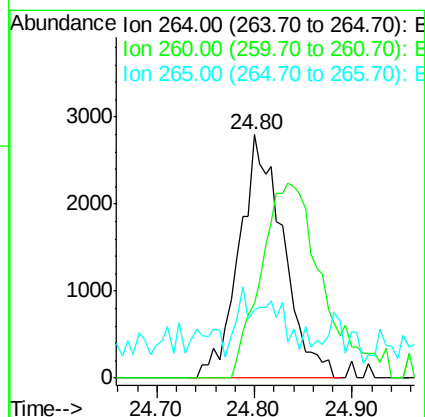
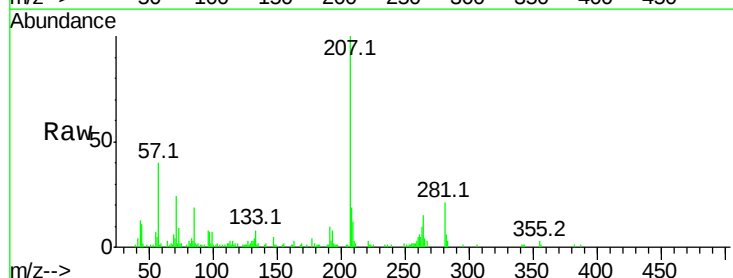
Tgt Ion:264 Resp: 8800

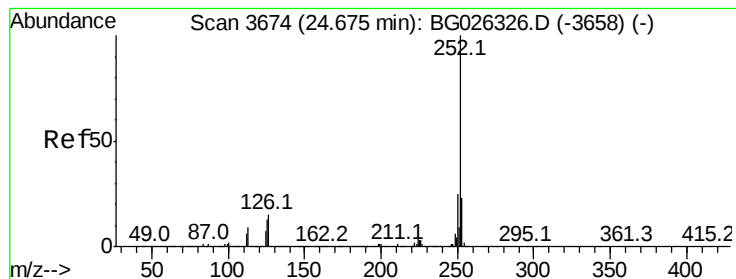
Ion Ratio Lower Upper

264 100

260 30.7 21.8 32.8

265 27.9 18.2 27.4#





#89

Benzo(a)pyrene

Concen: 3.56 ng

RT: 24.68 min Scan# 3674

Delta R.T. 0.00 min

Lab File: BG026396.D

Acq: 23 Mar 2017 10:40

Instrument :

BNA_G

ClientSampleId :

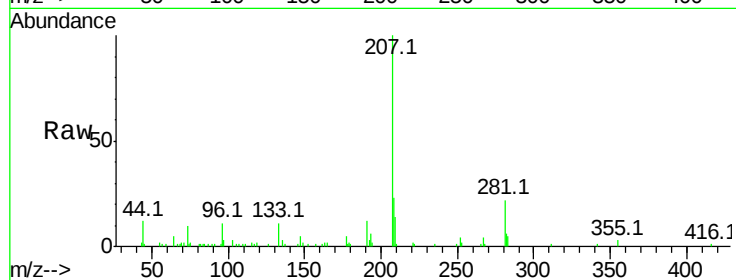
Tot Ion:252 Resp: 1773

Ion Ratio Lower Upper

252 100

253 52.5 19.2 28.8#

125 0.0 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

