

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052015\
 Data File : BG017236.D
 Acq On : 21 May 2015 6:03
 Operator : TP/IZ
 Sample : G2323-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1505133100

Quant Time: May 21 06:58:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 16:12:13 2015
 Response via : Initial Calibration

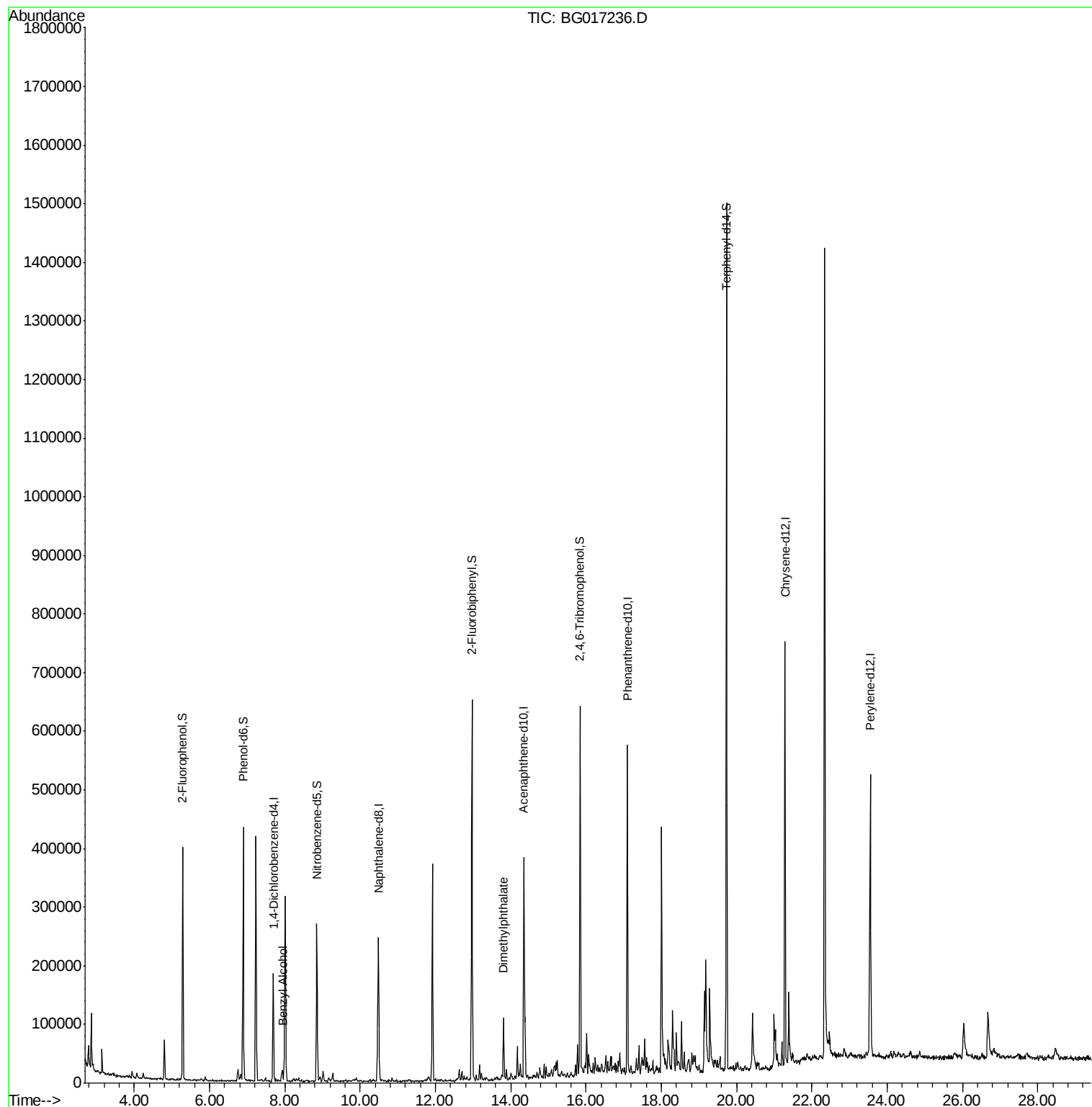
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	41323	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	173158	20.00	ng	-0.02
38) Acenaphthene-d10	14.35	164	118814	20.00	ng	-0.02
63) Phenanthrene-d10	17.10	188	282659	20.00	ng	-0.02
75) Chrysene-d12	21.29	240	330943	20.00	ng	0.00
86) Perylene-d12	23.54	264	325902	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	136102	58.44	ng	-0.02
7) Phenol-d6	6.89	99	199159	60.93	ng	-0.02
23) Nitrobenzene-d5	8.85	82	133709	36.05	ng	-0.02
41) 2,4,6-Tribromophenol	15.85	330	87290	60.78	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	288815	35.67	ng	-0.02
78) Terphenyl-d14	19.73	244	556650	35.05	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.83	77	699	Below Cal	#	76
15) Benzyl Alcohol	7.94	79	6626	2.09 ng	#	80
49) Dimethylphthalate	13.81	163	48059	5.17 ng		96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG017236.D

Acq: 21 May 2015 6:03

Instrument :

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ClientSampleId :

1505133100

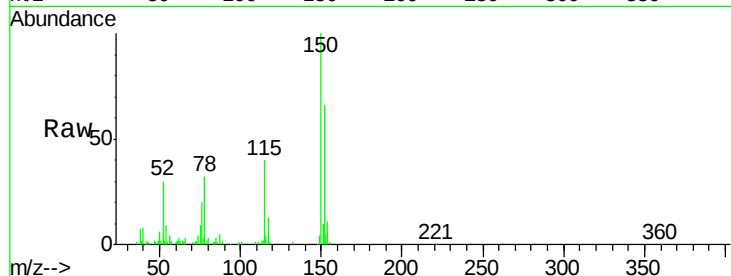
Tgt Ion:152 Resp: 41323

Ion Ratio Lower Upper

152 100

150 150.4 120.8 181.2

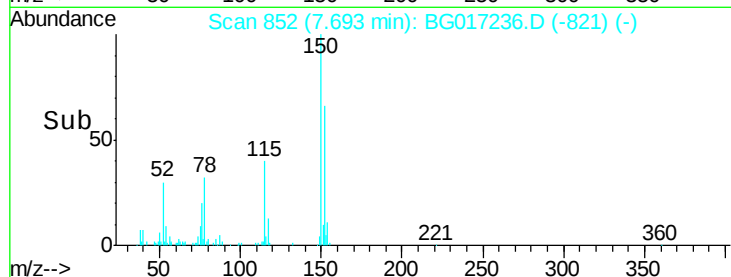
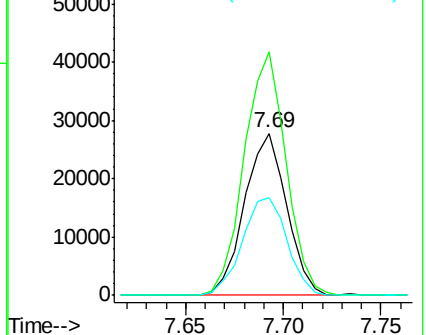
115 60.5 49.4 74.2



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: 58.44 ng

RT: 5.28 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG017236.D

Acq: 21 May 2015 6:03

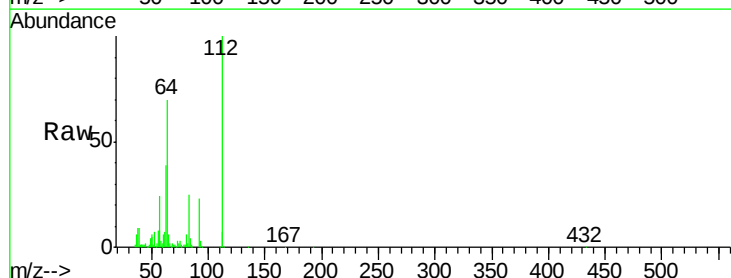
Tgt Ion:112 Resp: 136102

Ion Ratio Lower Upper

112 100

64 69.6 48.1 72.1

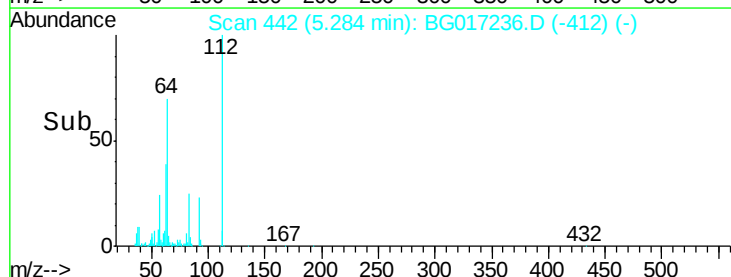
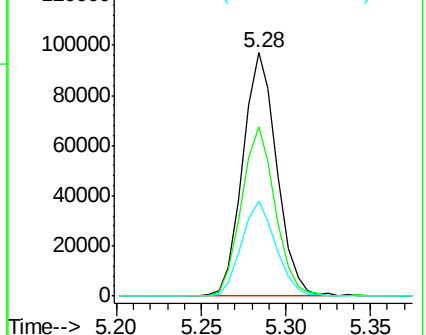
63 39.3 29.8 44.8

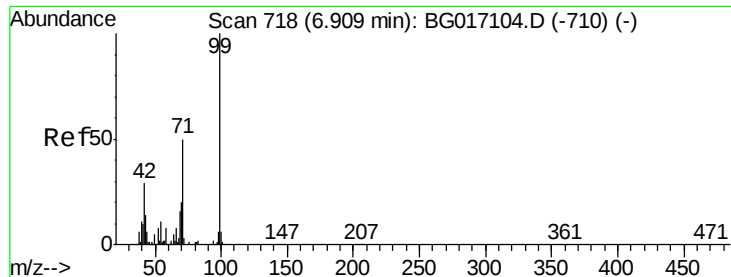


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 60.93 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG017236.D

Acq: 21 May 2015 6:03

Instrument :

BNA_G

ClientSampleId :

1505133100

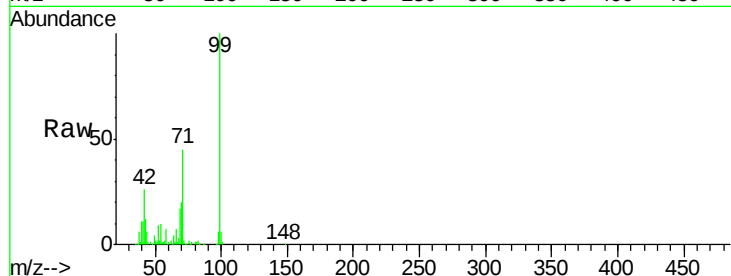
Tgt Ion: 99 Resp: 199159

Ion Ratio Lower Upper

99 100

42 25.7 23.5 35.3

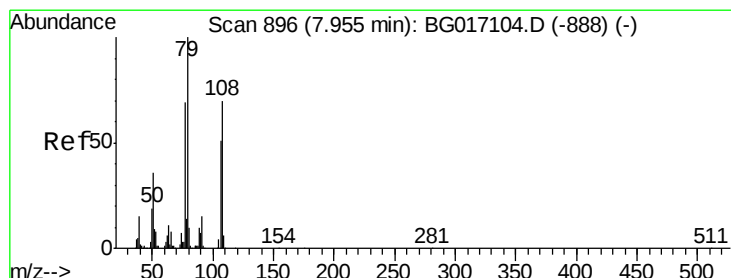
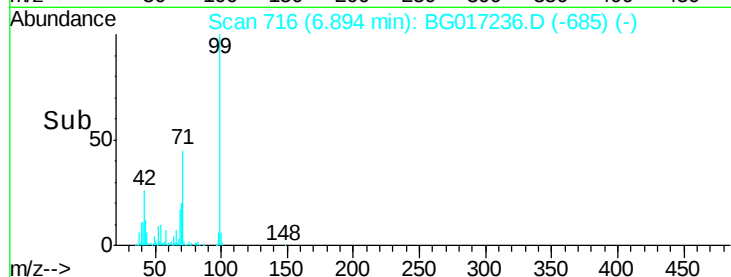
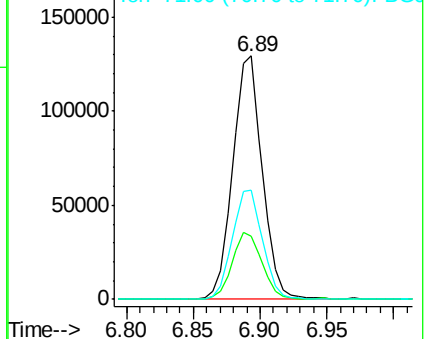
71 44.9 39.8 59.8



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



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 7.94 min Scan# 894

Delta R.T. -0.02 min

Lab File: BG017236.D

Acq: 21 May 2015 6:03

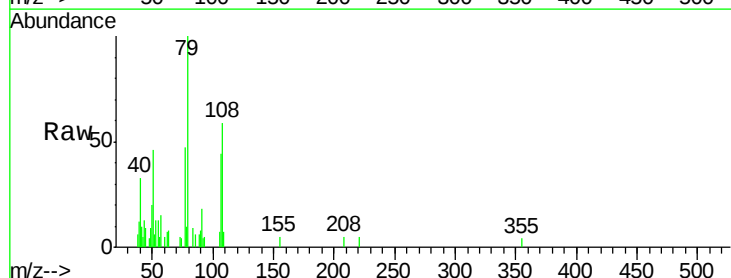
Tgt Ion: 79 Resp: 6626

Ion Ratio Lower Upper

79 100

108 59.4 55.8 83.6

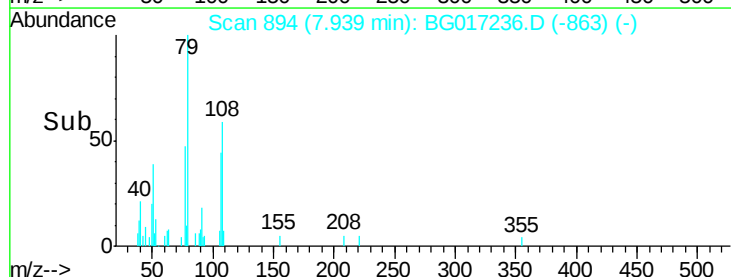
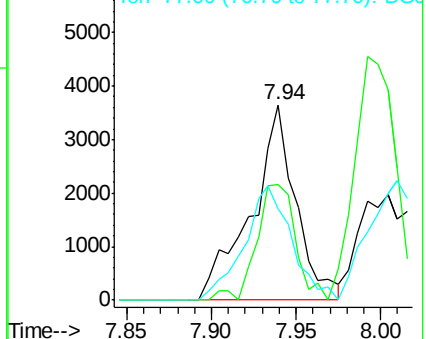
77 46.8 55.4 83.0#

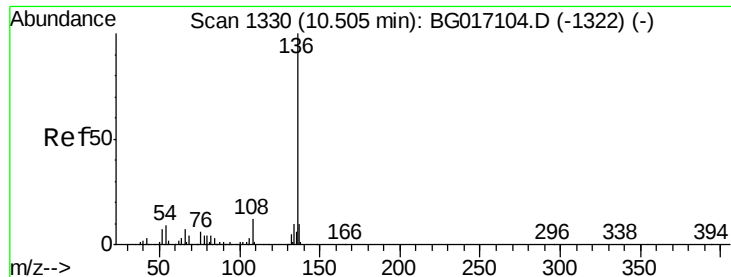


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

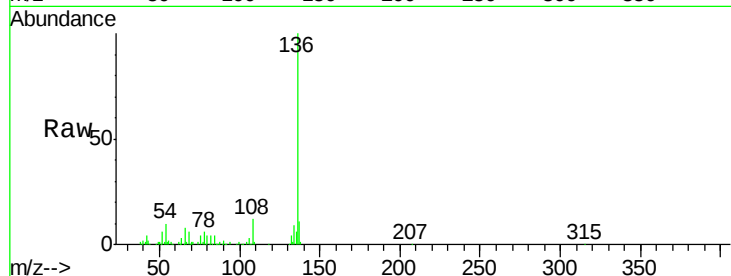




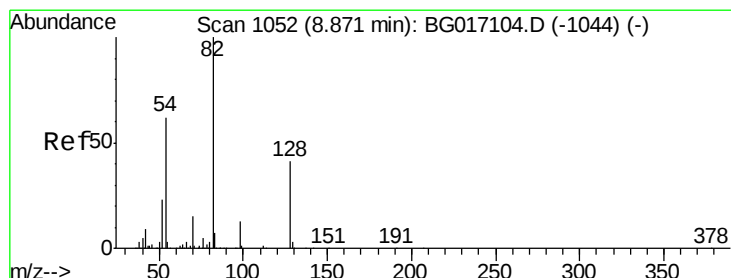
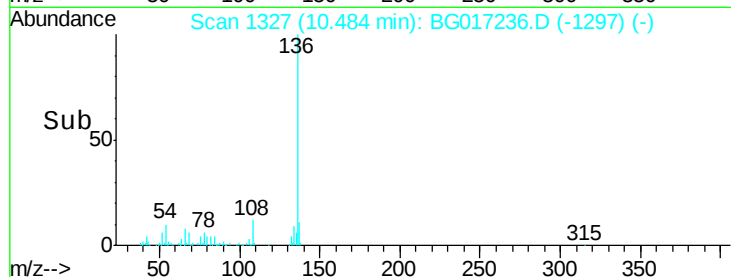
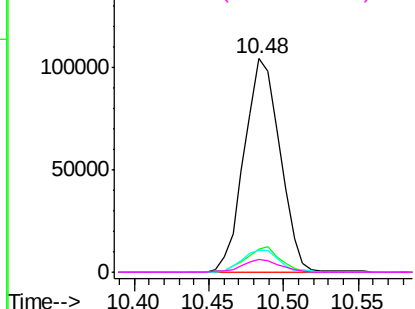
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BG017236.D
Acq: 21 May 2015 6:03

Instrument :
BNA_G
ClientSampleId :
1505133100

Tgt Ion:	136	Resp:	173158
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.3	12.5
54	10.2	7.4	11.2
68	5.9	3.6	5.4#

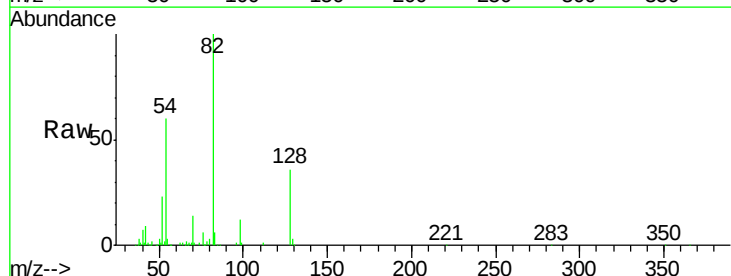


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

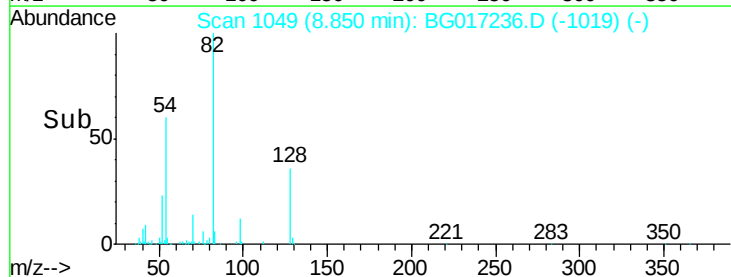
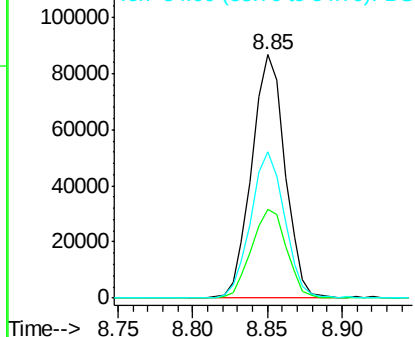


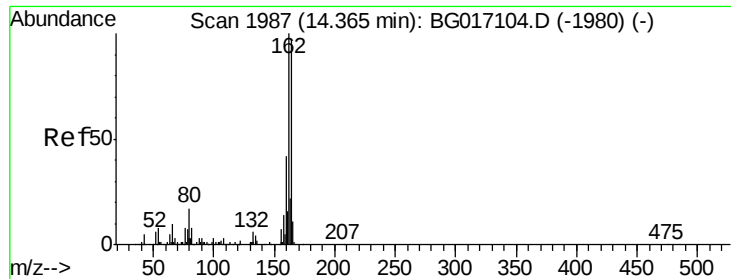
#23
Nitrobenzene-d5
Concen: 36.05 ng
RT: 8.85 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG017236.D
Acq: 21 May 2015 6:03

Tgt Ion:	82	Resp:	133709
Ion	Ratio	Lower	Upper
82	100		
128	36.3	32.6	49.0
54	60.3	49.6	74.4



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.35 min Scan# 1985

Delta R.T. -0.02 min

Lab File: BG017236.D

Acq: 21 May 2015 6:03

Instrument :

BNA_G

ClientSampleId :

1505133100

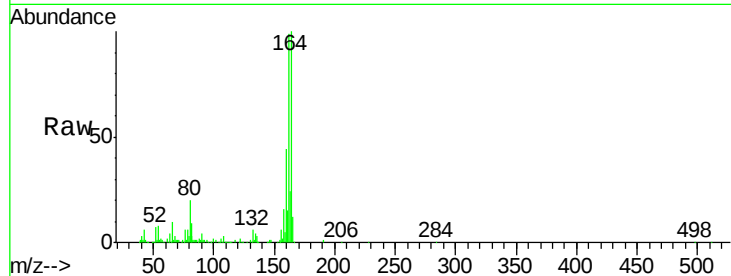
Tgt Ion:164 Resp: 118814

Ion Ratio Lower Upper

164 100

162 98.9 82.1 123.1

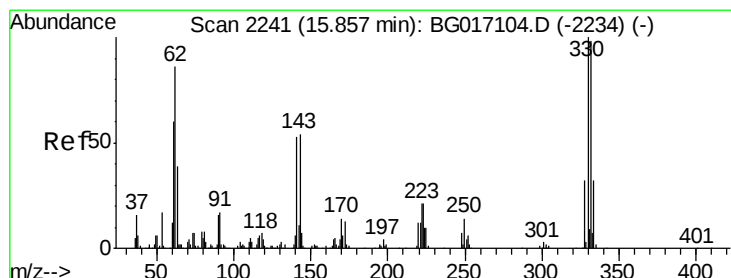
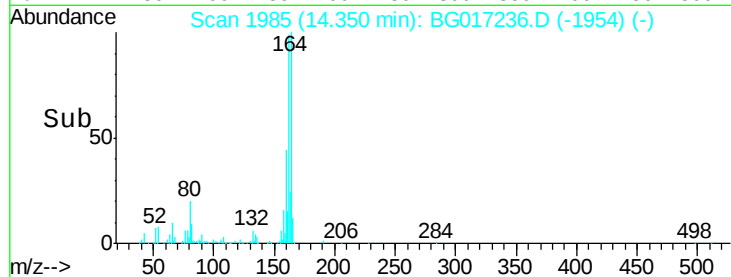
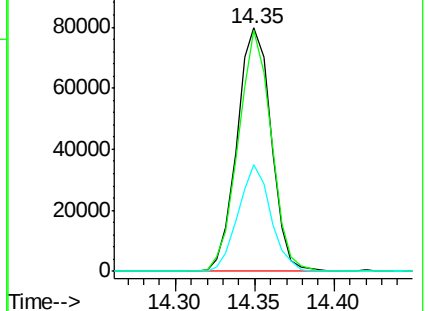
160 43.8 34.8 52.2



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: 60.78 ng

RT: 15.85 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BG017236.D

Acq: 21 May 2015 6:03

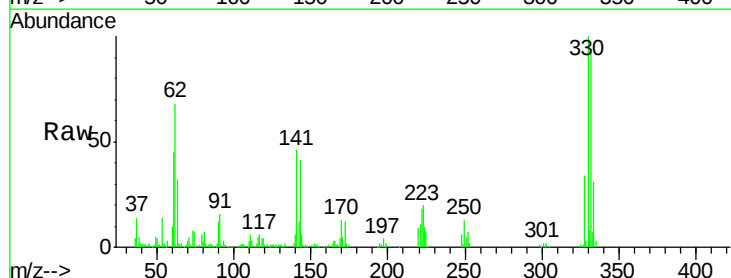
Tgt Ion:330 Resp: 87290

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

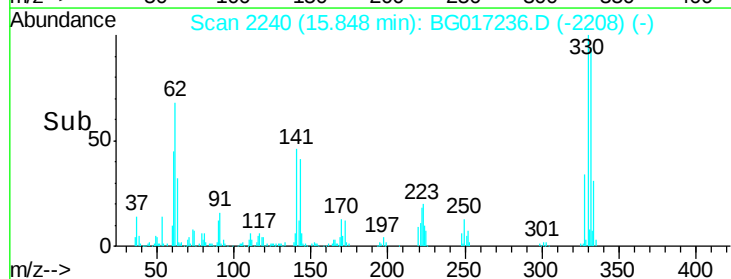
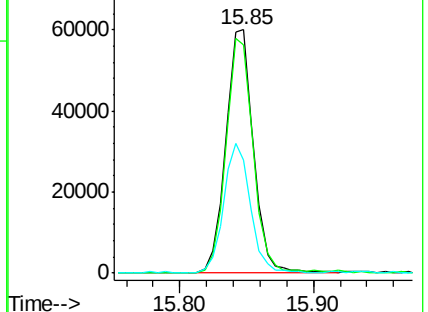
141 51.5 42.2 63.2

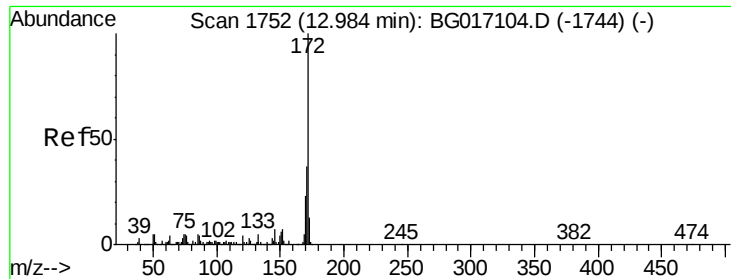


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

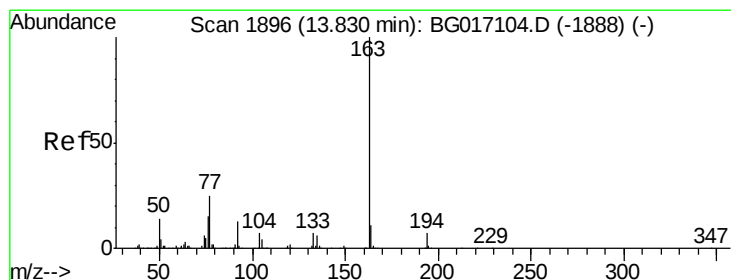
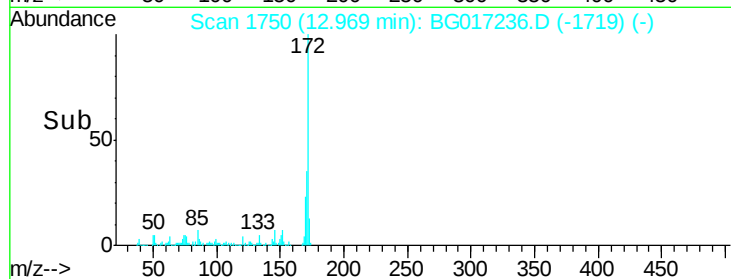
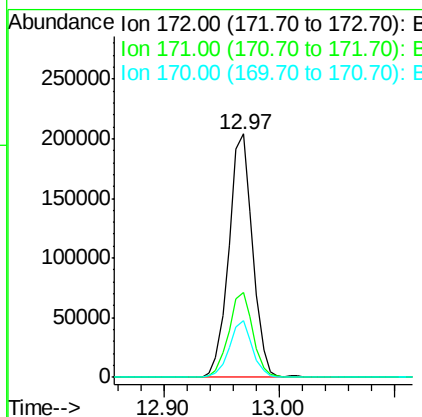
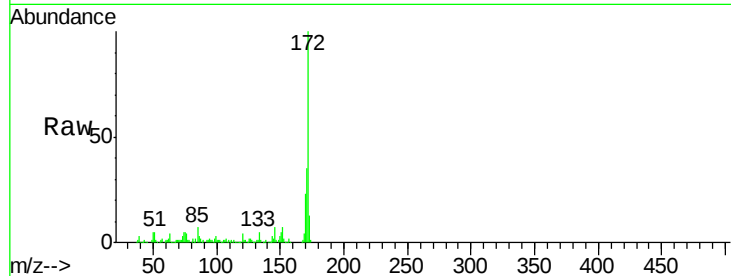




#44
2-Fluorobiphenyl
Concen: 35.67 ng
RT: 12.97 min Scan# 1750
Delta R.T. -0.02 min
Lab File: BG017236.D
Acq: 21 May 2015 6:03

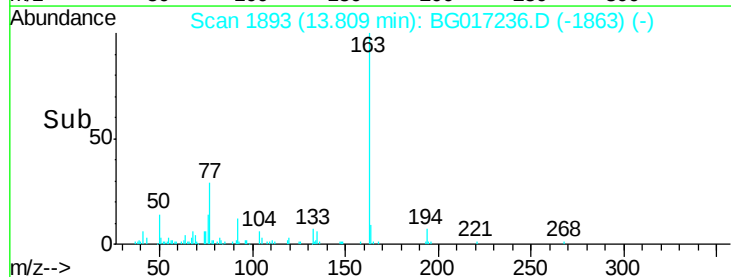
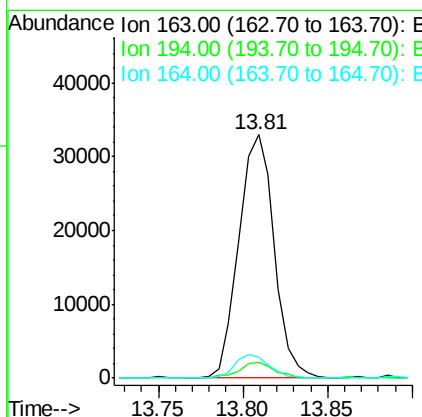
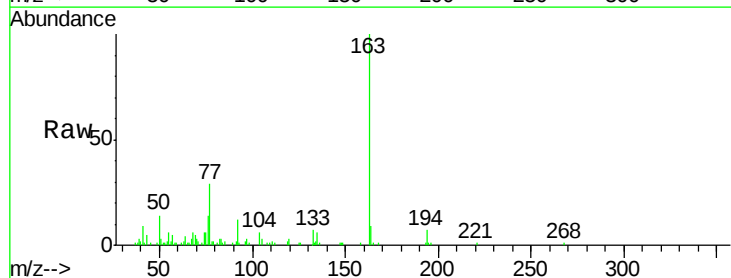
Instrument :
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1505133100

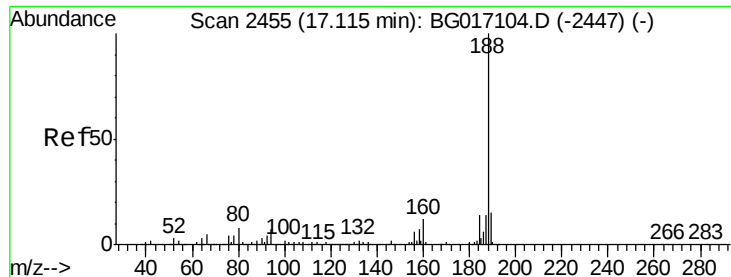
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.1	18.4	27.6



#49
Dimethylphthalate
Concen: 5.17 ng
RT: 13.81 min Scan# 1893
Delta R.T. -0.02 min
Lab File: BG017236.D
Acq: 21 May 2015 6:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.6	5.6	8.4
164	8.8	8.6	13.0

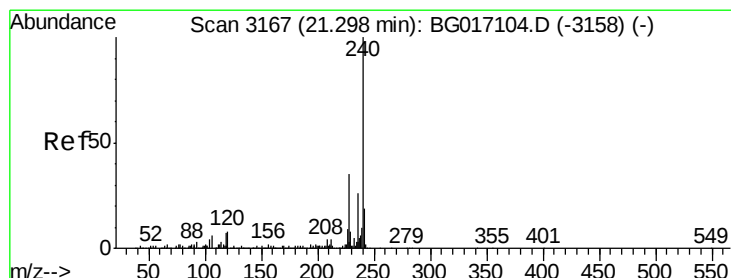
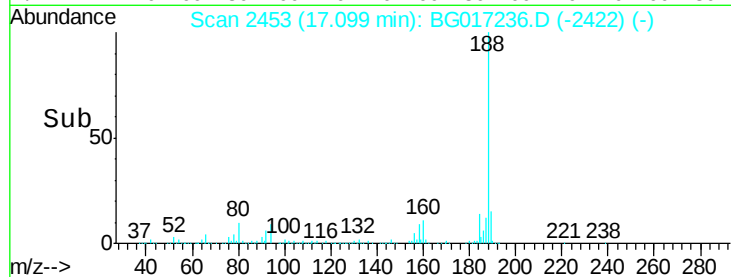
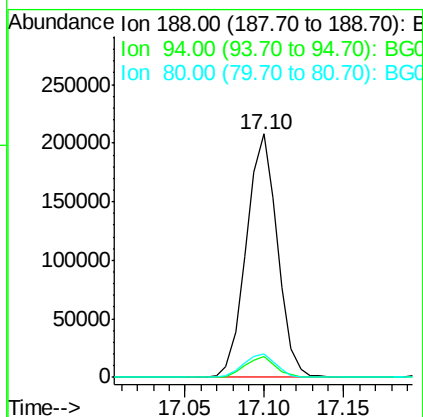
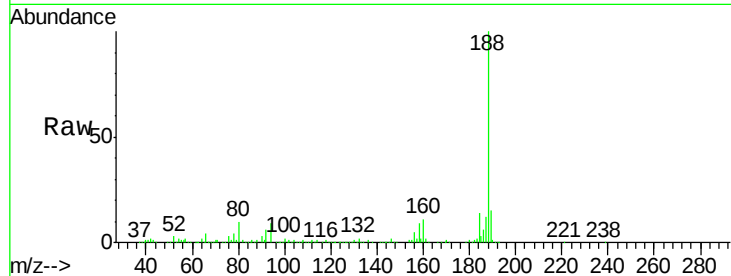




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.02 min
Lab File: BG017236.D
Acq: 21 May 2015 6:03

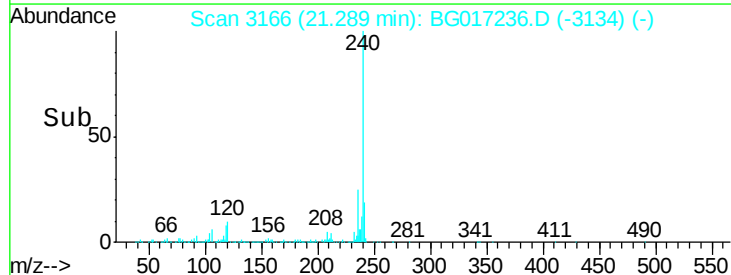
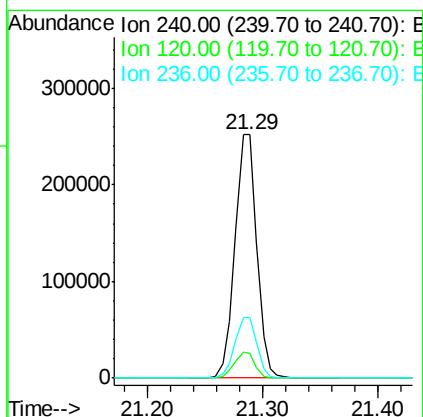
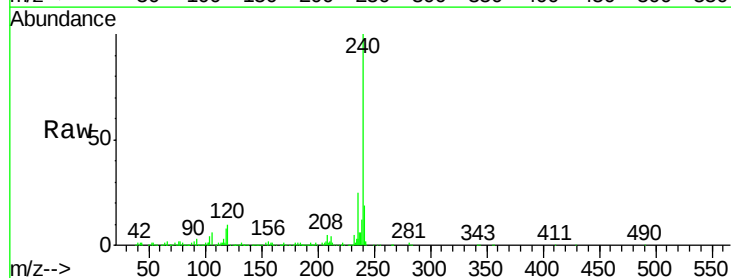
Instrument :
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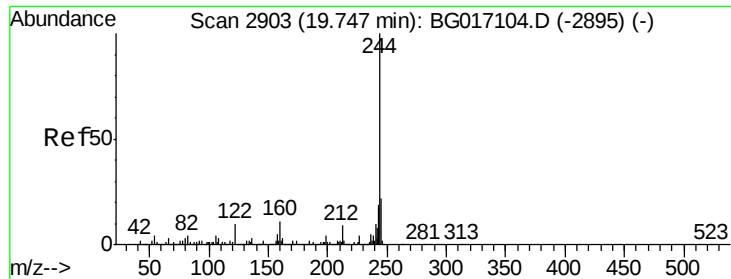
Tgt Ion:188 Resp: 282659
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.6#
80 9.6 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017236.D
Acq: 21 May 2015 6:03

Tgt Ion:240 Resp: 330943
Ion Ratio Lower Upper
240 100
120 10.0 6.0 9.0#
236 24.9 20.5 30.7





#78

Terphenyl-d14

Concen: 35.05 ng

RT: 19.73 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG017236.D

Acq: 21 May 2015 6:03

Instrument :

BNA_G

ClientSampleId :

1505133100

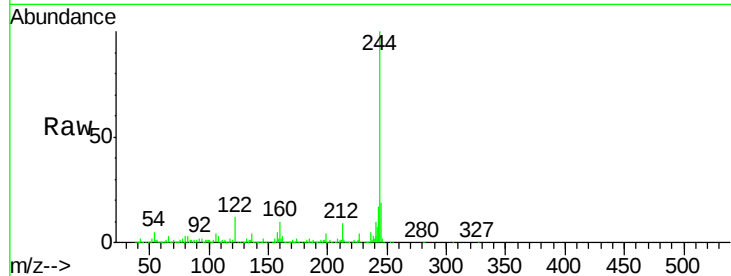
Tgt Ion:244 Resp: 556650

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

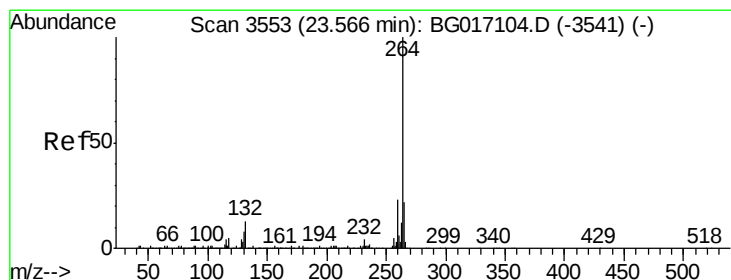
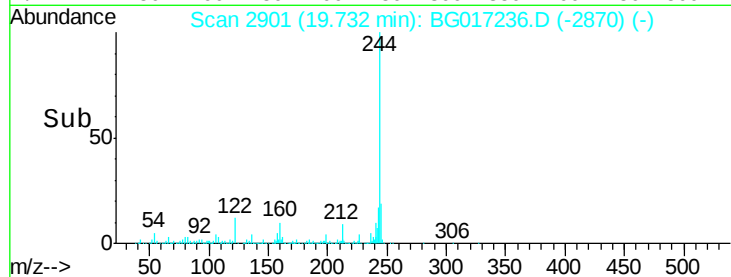
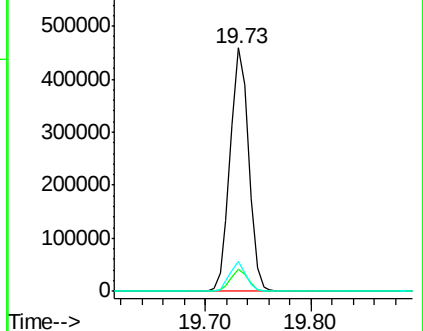
122 12.0 8.4 12.6



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

Perylene-d12

Concen: 20.00 ng

RT: 23.54 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG017236.D

Acq: 21 May 2015 6:03

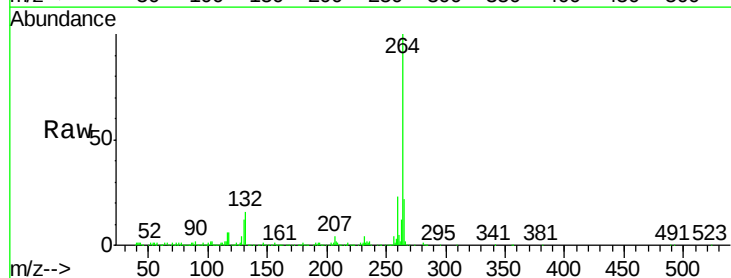
Tgt Ion:264 Resp: 325902

Ion Ratio Lower Upper

264 100

260 22.9 18.0 27.0

265 22.0 17.4 26.0



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

