

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017263.D
 Acq On : 23 May 2015 3:20
 Operator : TP/IZ
 Sample : G2353-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAY-1

Quant Time: May 26 16:34:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 08:11:45 2015
 Response via : Initial Calibration

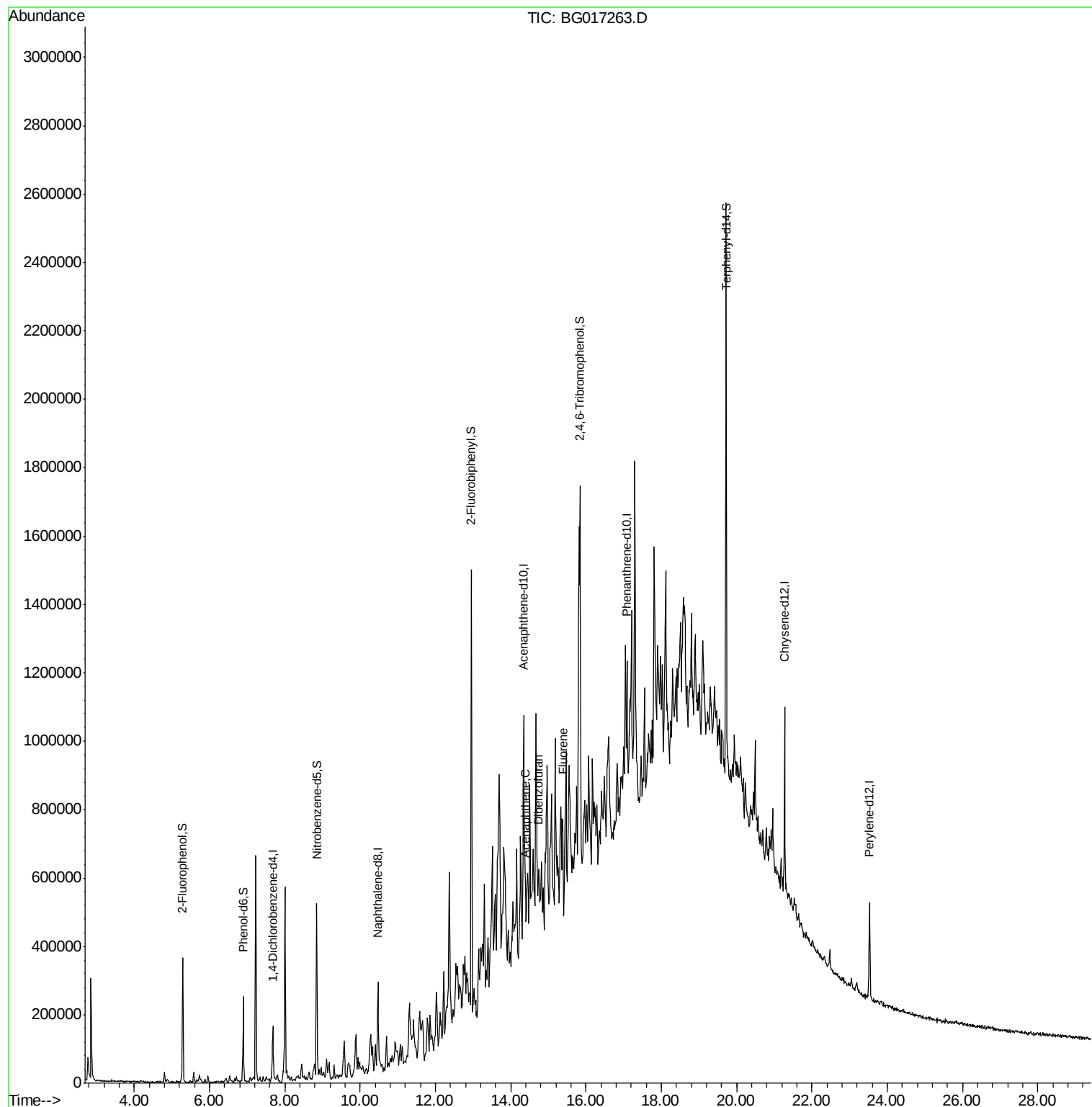
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	32611	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	138592	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	83582	20.00	ng	0.00
63) Phenanthrene-d10	17.09	188	178186	20.00	ng	0.00
75) Chrysene-d12	21.28	240	200156	20.00	ng	0.01
86) Perylene-d12	23.53	264	184301	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	132737	72.22	ng	0.01
7) Phenol-d6	6.90	99	115789	44.89	ng	0.01
23) Nitrobenzene-d5	8.85	82	258422	87.05	ng	0.00
41) 2,4,6-Tribromophenol	15.84	330	144544	143.06	ng	0.01
44) 2-Fluorobiphenyl	12.95	172	517695	90.89	ng	0.00
78) Terphenyl-d14	19.73	244	678272	70.62	ng	0.01
Target Compounds						
51) Acenaphthene	14.40	154	11746	2.44	ng	Qvalue 95
54) Dibenzofuran	14.74	168	16289	2.27	ng	# 55
57) Fluorene	15.39	166	20705	3.26	ng	# 94

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

Instrument :

BNA_G

ClientSampleId :

DAY-1

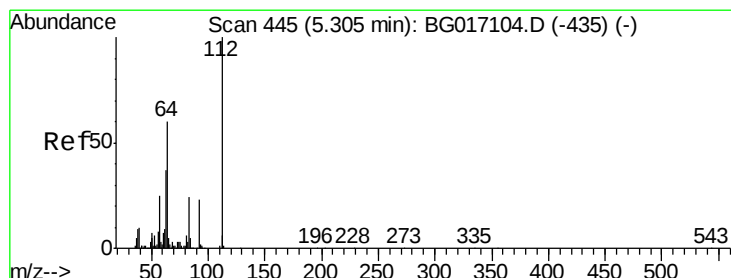
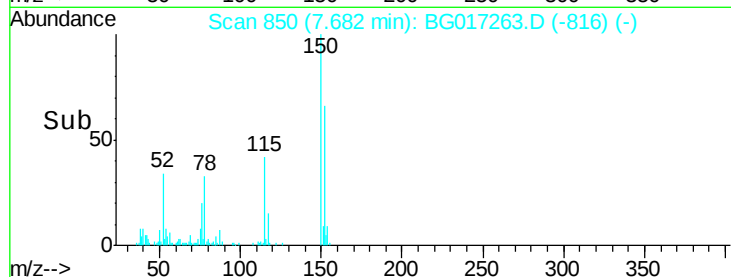
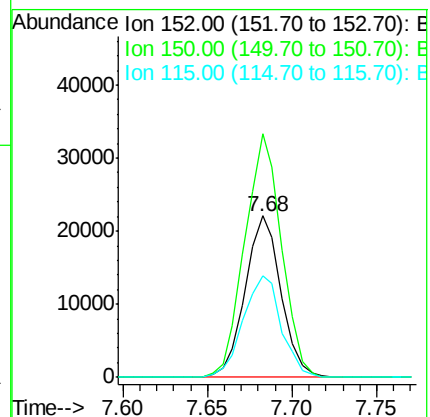
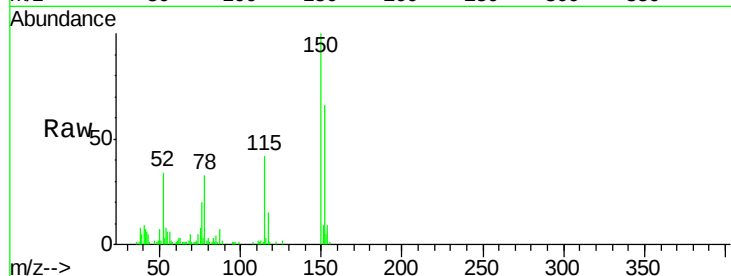
Tgt Ion:152 Resp: 32611

Ion Ratio Lower Upper

152 100

150 150.9 120.8 181.2

115 63.2 49.4 74.2



#5

2-Fluorophenol

Concen: 72.22 ng

RT: 5.29 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

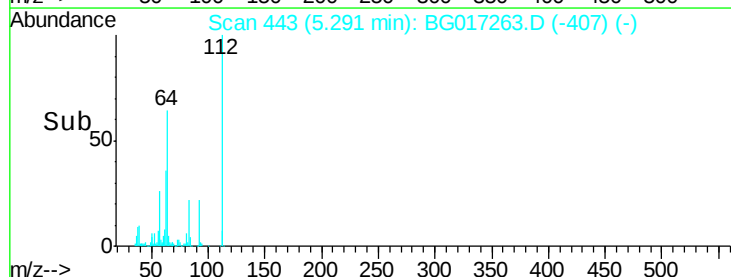
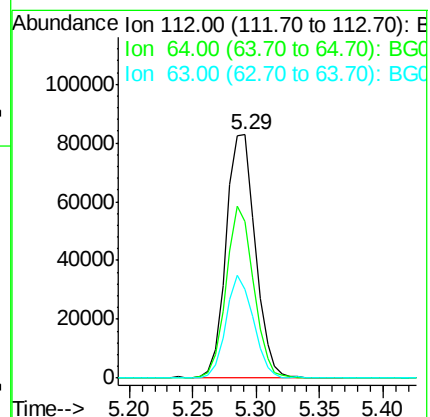
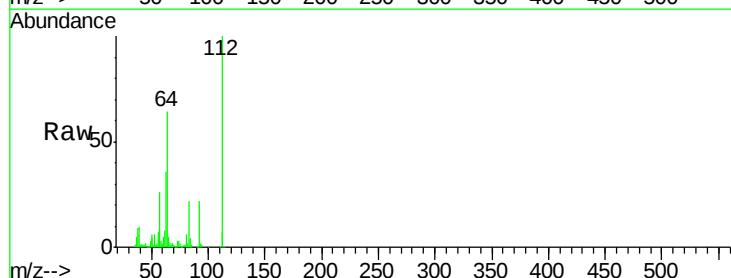
Tgt Ion:112 Resp: 132737

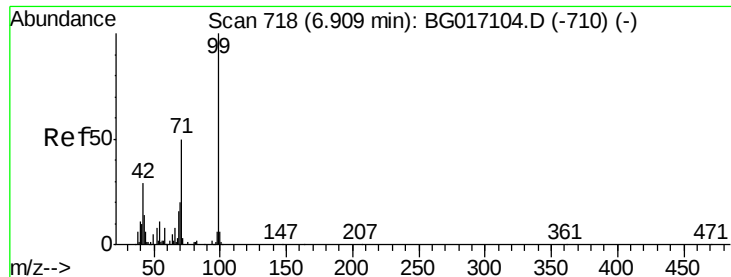
Ion Ratio Lower Upper

112 100

64 64.4 48.1 72.1

63 36.3 29.8 44.8





#7

Phenol-d6

Concen: 44.89 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

Instrument :

BNA_G

ClientSampleId :

DAY-1

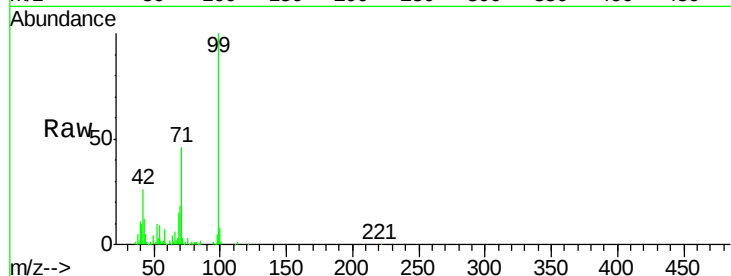
Tgt Ion: 99 Resp: 115789

Ion Ratio Lower Upper

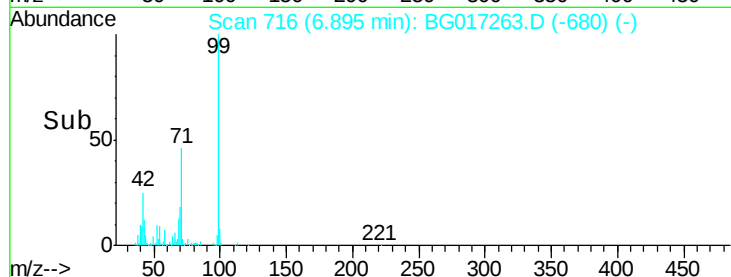
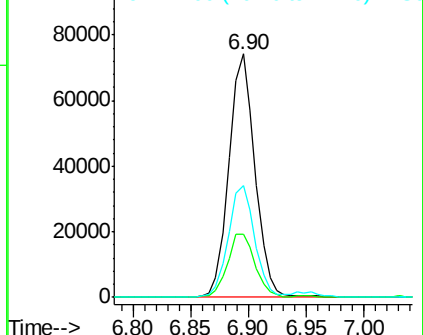
99 100

42 26.0 23.5 35.3

71 46.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

Tgt Ion: 136 Resp: 138592

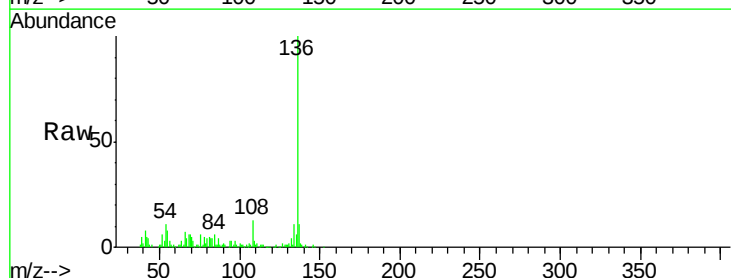
Ion Ratio Lower Upper

136 100

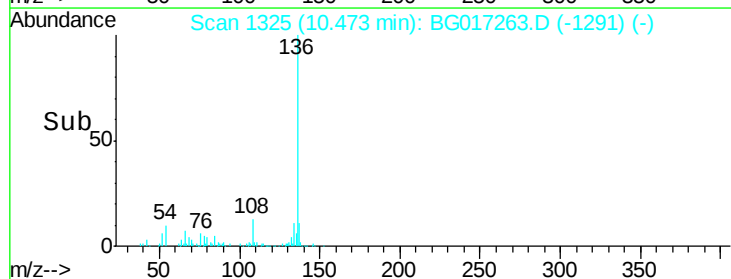
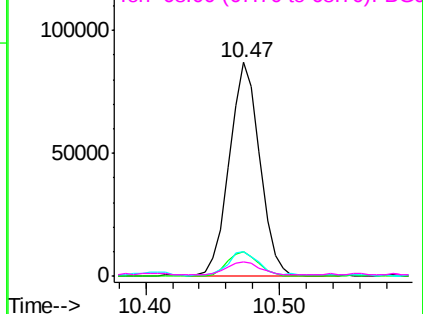
137 11.4 8.3 12.5

54 11.2 7.4 11.2#

68 6.3 3.6 5.4#



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

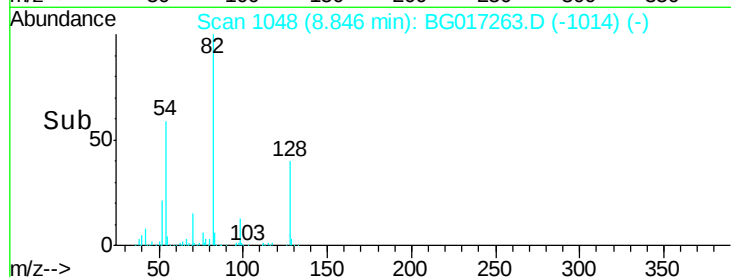
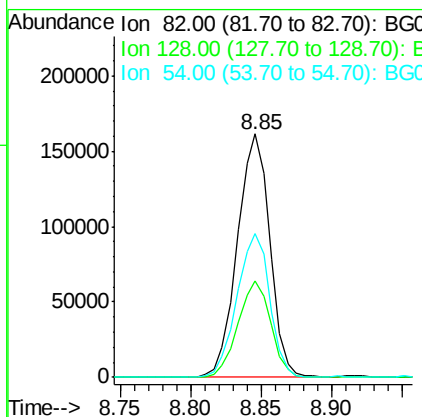
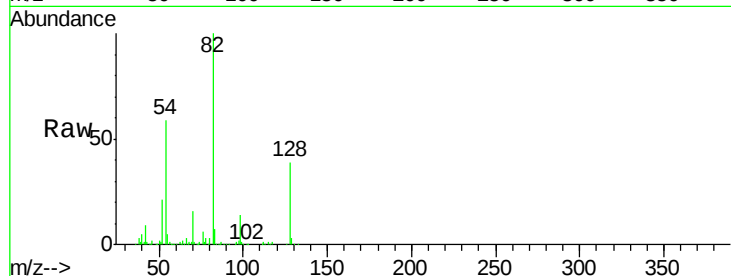




#23
 Nitrobenzene-d5
 Concen: 87.05 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG017263.D
 Acq: 23 May 2015 3:20

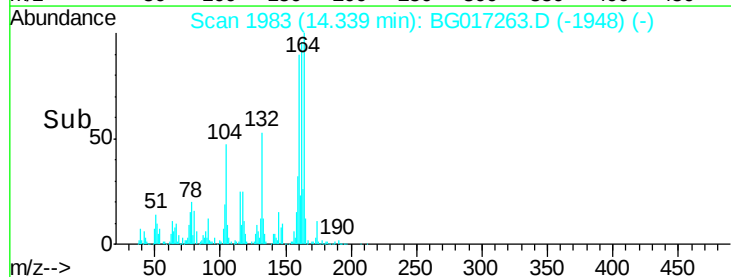
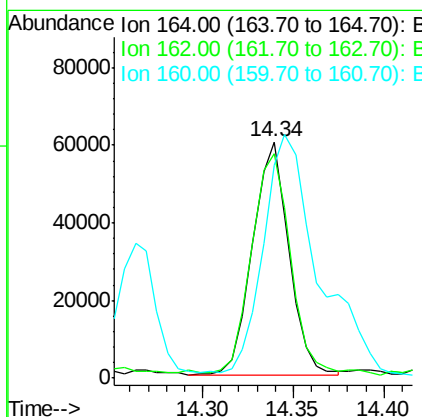
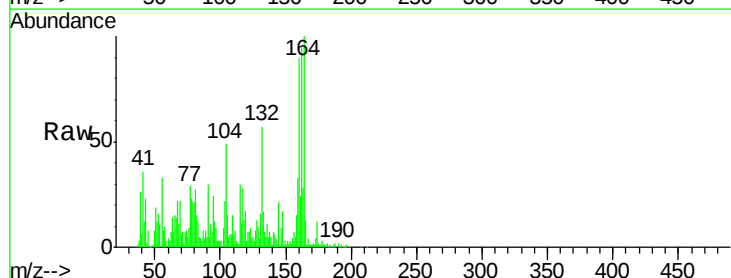
Instrument :
 BNA_G
 ClientSampleId :
 DAY-1

Tgt Ion: 82 Resp: 258422
 Ion Ratio Lower Upper
 82 100
 128 39.5 32.6 49.0
 54 58.9 49.6 74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: BG017263.D
 Acq: 23 May 2015 3:20

Tgt Ion: 164 Resp: 83582
 Ion Ratio Lower Upper
 164 100
 162 95.2 82.1 123.1
 160 90.2 34.8 52.2#

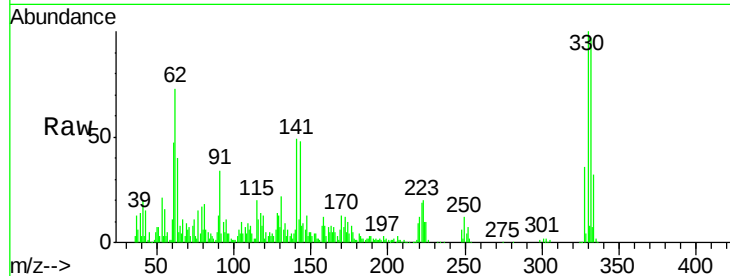




#41
 2,4,6-Tribromophenol
 Concen: 143.06 ng
 RT: 15.84 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BG017263.D
 Acq: 23 May 2015 3:20

Instrument :
 BNA_G
 ClientSampleId :
 DAY-1

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	53.0	42.2	63.2

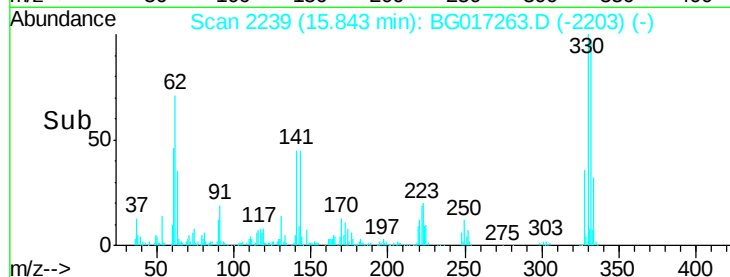
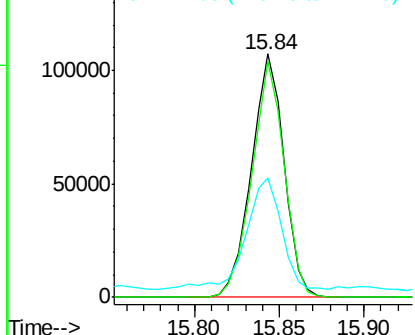


Abundance

Ion 329.80 (329.50 to 330.50): E

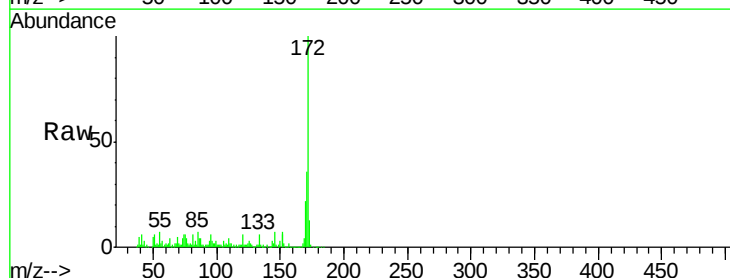
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.89 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG017263.D
 Acq: 23 May 2015 3:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	21.7	18.4	27.6

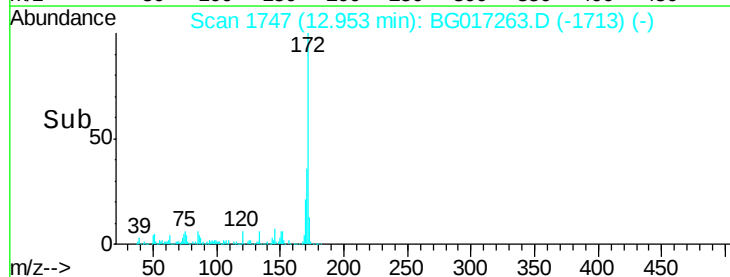
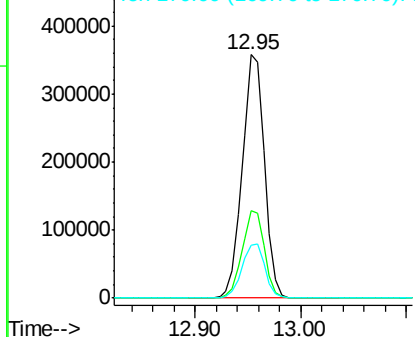


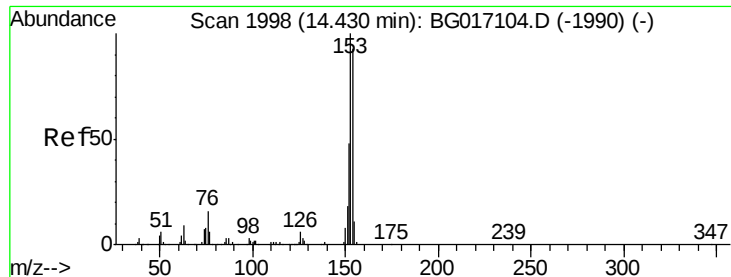
Abundance

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





#51

Acenaphthene

Concen: 2.44 ng

RT: 14.40 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

Instrument :

BNA_G

ClientSampleId :

DAY-1

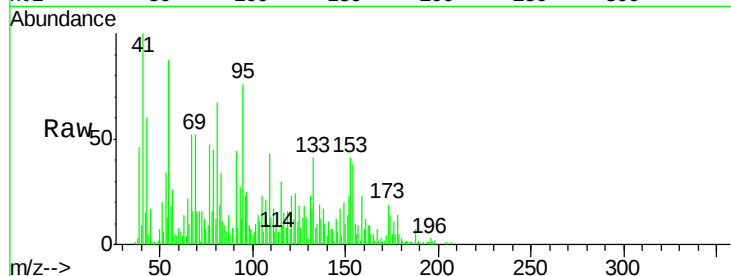
Tgt Ion:154 Resp: 11746

Ion Ratio Lower Upper

154 100

153 108.7 86.2 129.4

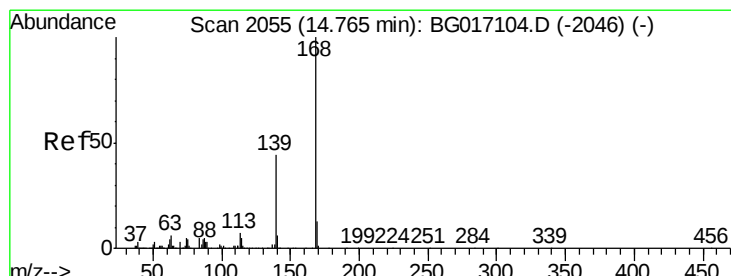
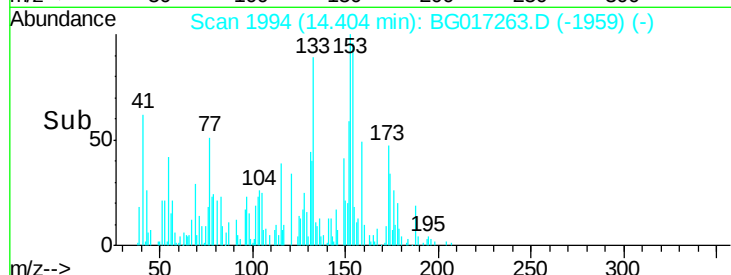
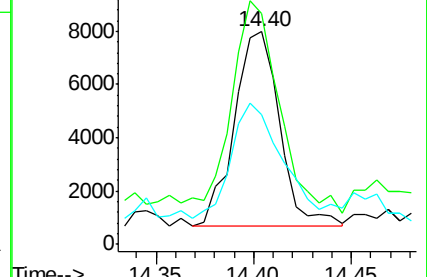
152 61.2 41.5 62.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.27 ng

RT: 14.74 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

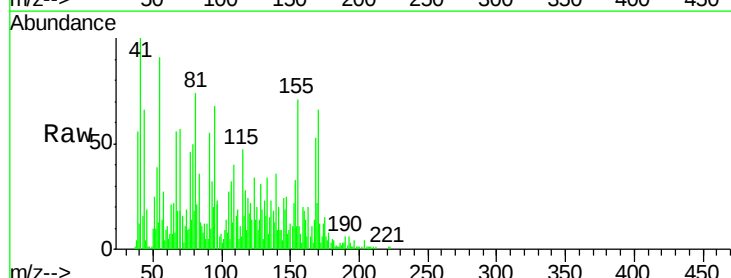
Tgt Ion:168 Resp: 16289

Ion Ratio Lower Upper

168 100

139 67.4 34.9 52.3#

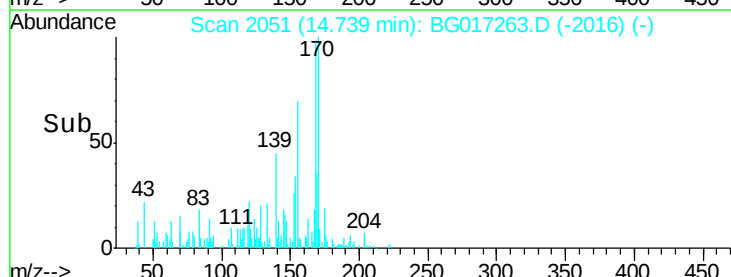
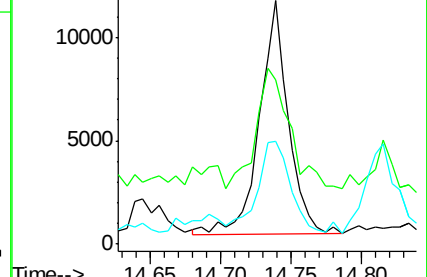
169 42.5 10.5 15.7#

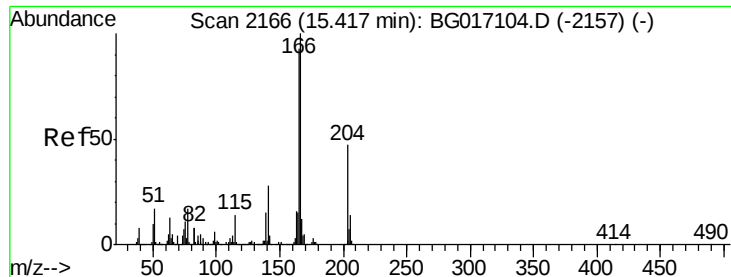


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

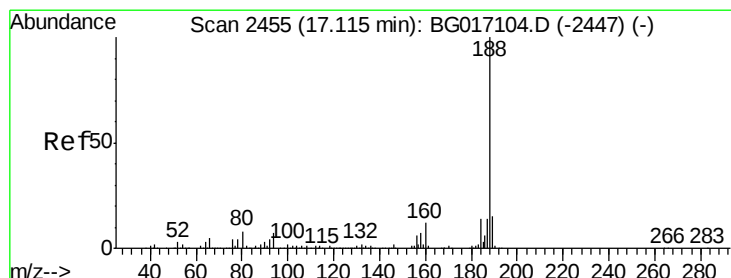
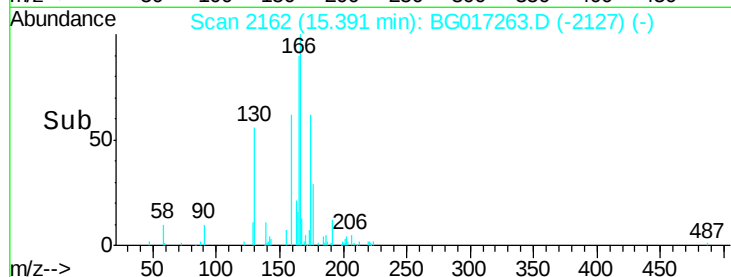
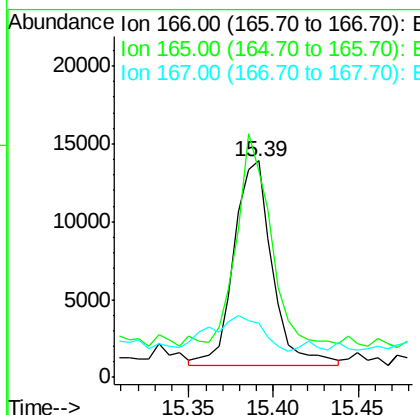
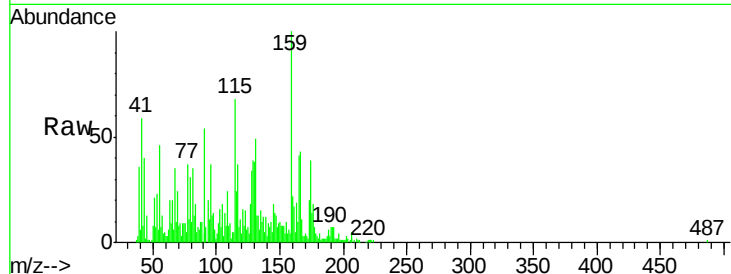




#57
Fluorene
 Concen: 3.26 ng
 RT: 15.39 min Scan# 2162
 Delta R.T. 0.01 min
 Lab File: BG017263.D
 Acq: 23 May 2015 3:20

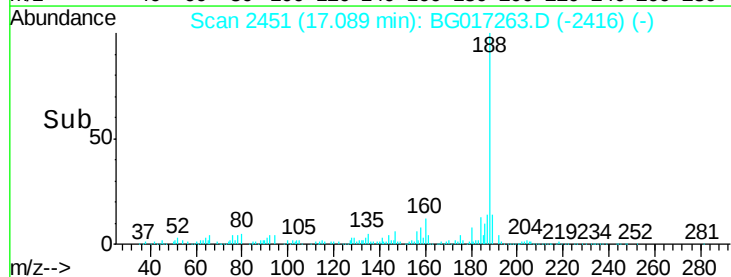
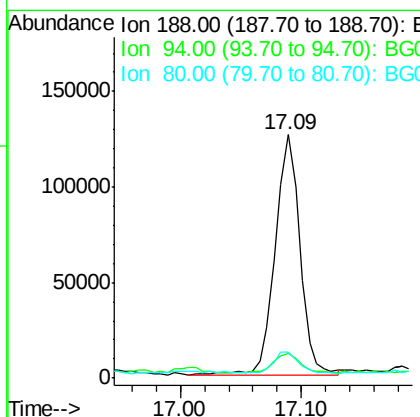
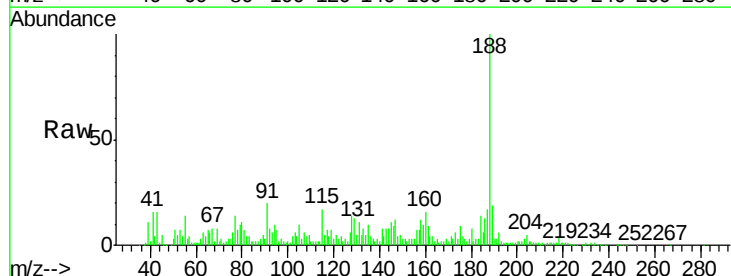
Instrument :
 BNA_G
 ClientSampleId :
 DAY-1

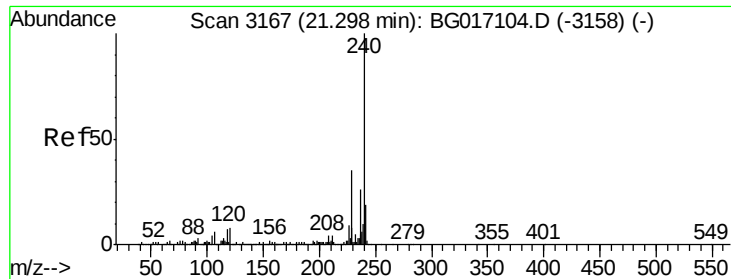
Tgt Ion:166 Resp: 20705
 Ion Ratio Lower Upper
 166 100
 165 95.6 74.2 111.4
 167 25.3 9.8 14.8#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.09 min Scan# 2451
 Delta R.T. 0.01 min
 Lab File: BG017263.D
 Acq: 23 May 2015 3:20

Tgt Ion:188 Resp: 178186
 Ion Ratio Lower Upper
 188 100
 94 10.0 5.8 8.6#
 80 10.8 6.5 9.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.28 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

Instrument :

BNA_G

ClientSampleId :

DAY-1

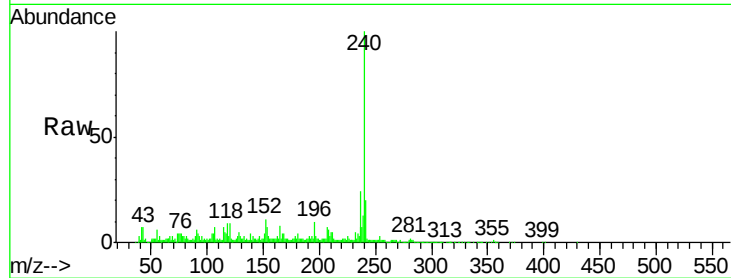
Tgt Ion:240 Resp: 200156

Ion Ratio Lower Upper

240 100

120 8.9 6.0 9.0

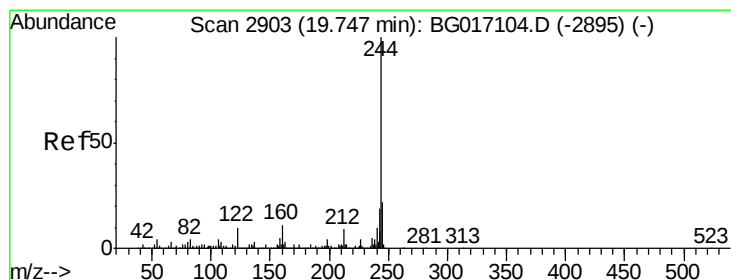
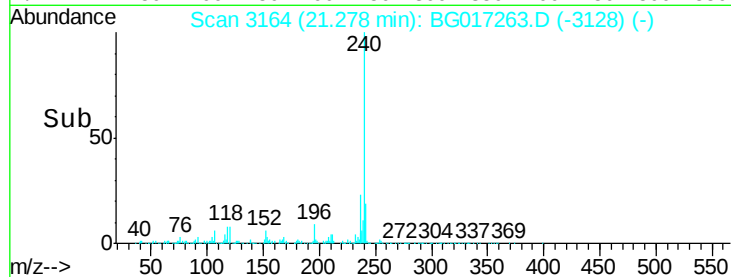
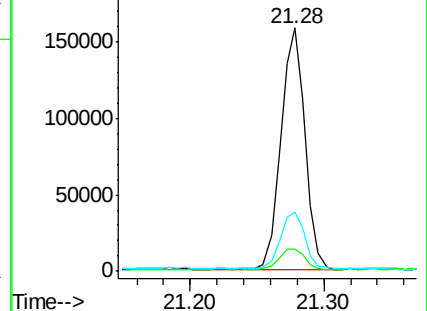
236 24.4 20.5 30.7



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: 70.62 ng

RT: 19.73 min Scan# 2900

Delta R.T. 0.01 min

Lab File: BG017263.D

Acq: 23 May 2015 3:20

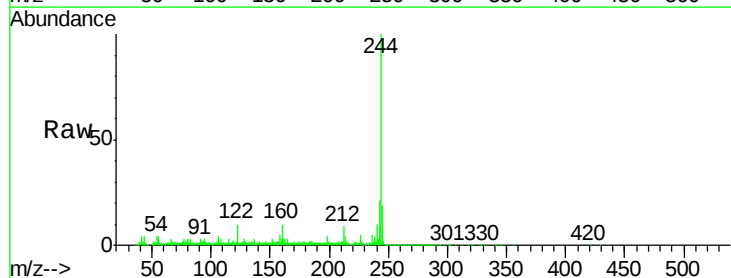
Tgt Ion:244 Resp: 678272

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

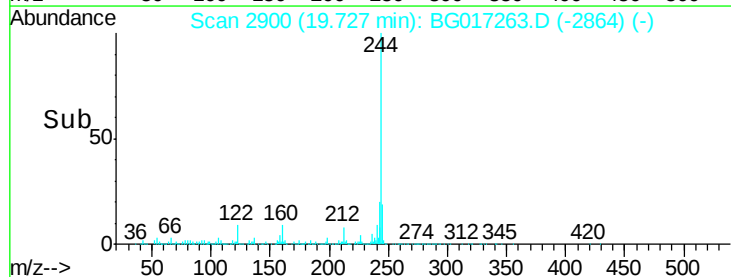
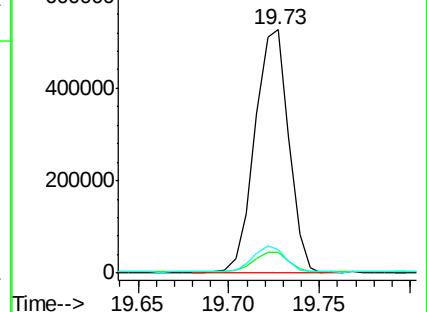
122 9.8 8.4 12.6

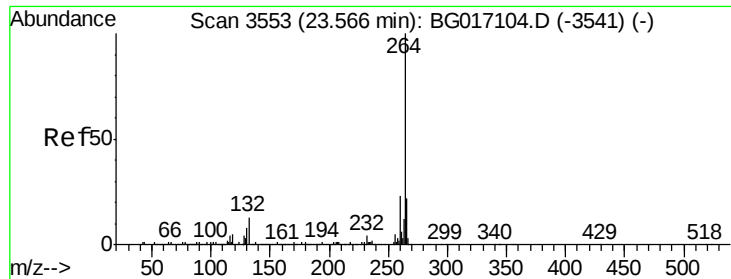


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

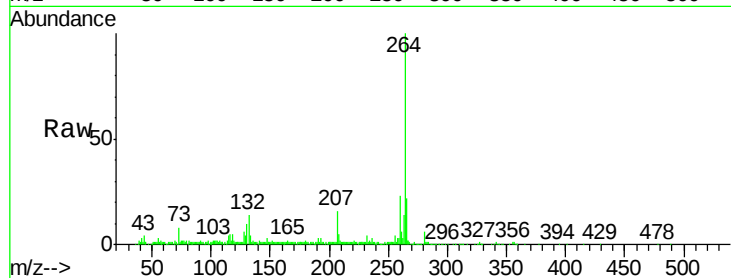




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.53 min Scan# 3548
Delta R.T. 0.02 min
Lab File: BG017263.D
Acq: 23 May 2015 3:20

Instrument :
BNA_G
ClientSampleId :
DAY-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

