

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017191.D
 Acq On : 16 May 2015 1:28
 Operator : TP/IZ
 Sample : G2251-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-F1

Quant Time: May 16 04:27:06 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 00:58:53 2015
 Response via : Initial Calibration

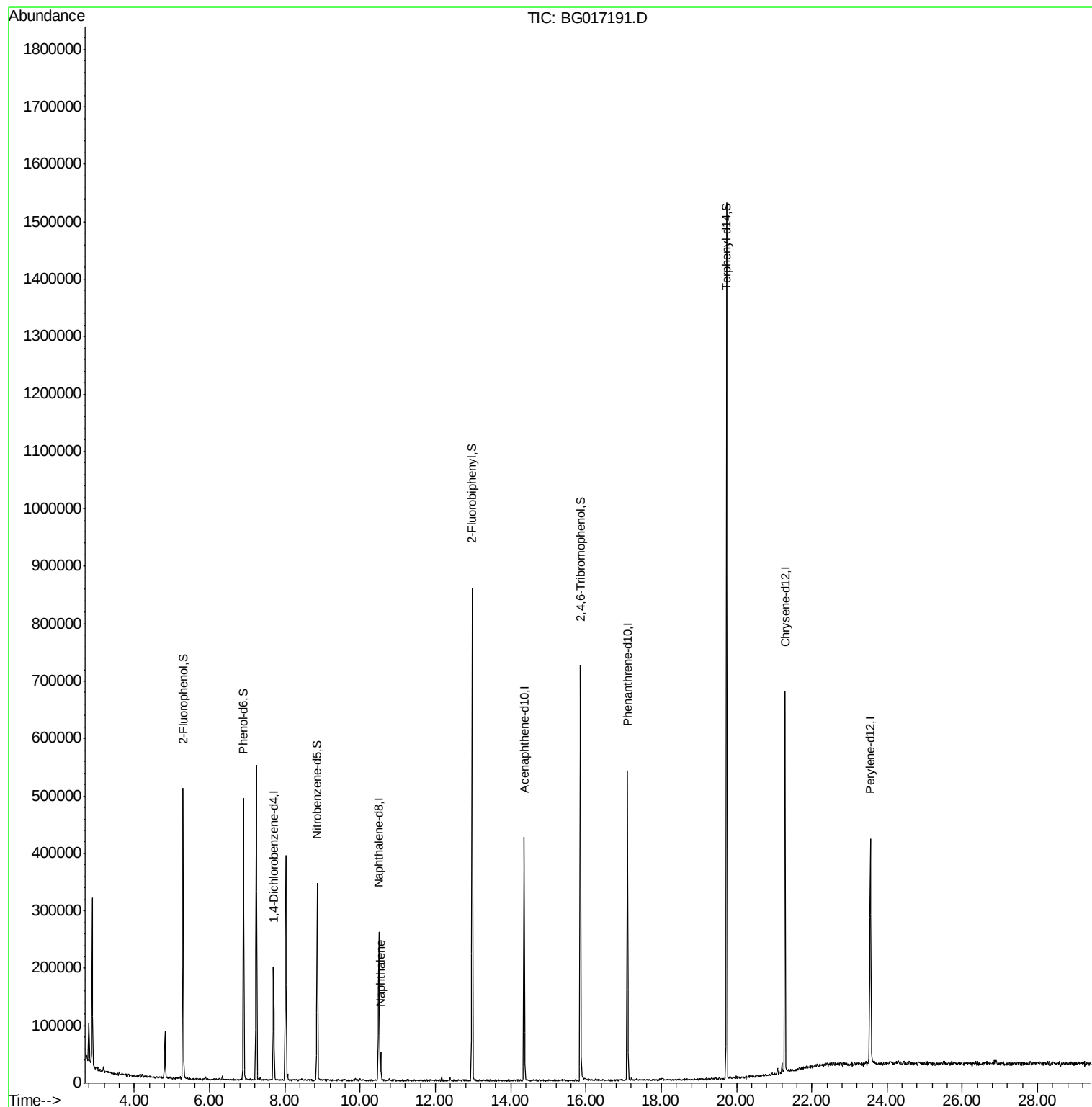
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	43493	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	183450	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	129517	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	288091	20.00	ng	0.00
75) Chrysene-d12	21.29	240	281333	20.00	ng	0.00
86) Perylene-d12	23.55	264	281074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	173454	70.76	ng	0.00
7) Phenol-d6	6.90	99	219674	63.86	ng	0.00
23) Nitrobenzene-d5	8.87	82	175466	44.66	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	101531	64.85	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	381818	43.26	ng	0.00
78) Terphenyl-d14	19.74	244	594450	44.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	228	Below Cal	#	51
31) Naphthalene	10.55	128	33281	3.71 ng	#	96

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

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Instrument :
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Quant Time: May 16 04:27:06 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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QLast Update : Sat May 16 00:58:53 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. 0.00 min

Lab File: BG017191.D

Acq: 16 May 2015 1:28

Instrument :

BNA_G

ClientSampleId :

WC-15-F1

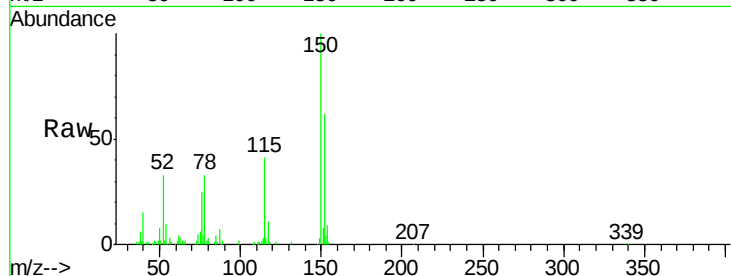
Tgt Ion:152 Resp: 43493

Ion Ratio Lower Upper

152 100

150 161.8 120.8 181.2

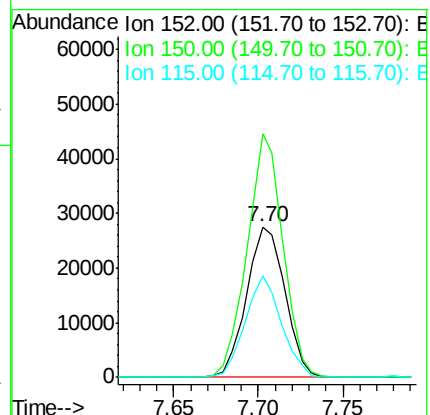
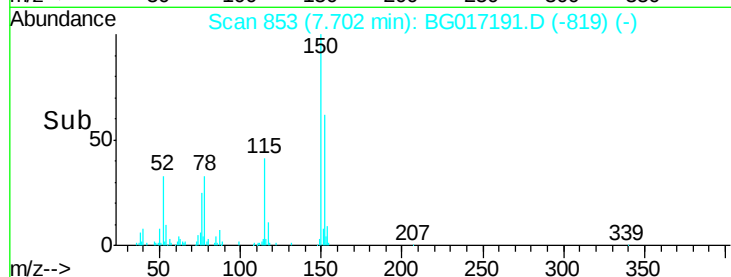
115 67.1 49.4 74.2



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: 70.76 ng

RT: 5.30 min Scan# 444

Delta R.T. 0.00 min

Lab File: BG017191.D

Acq: 16 May 2015 1:28

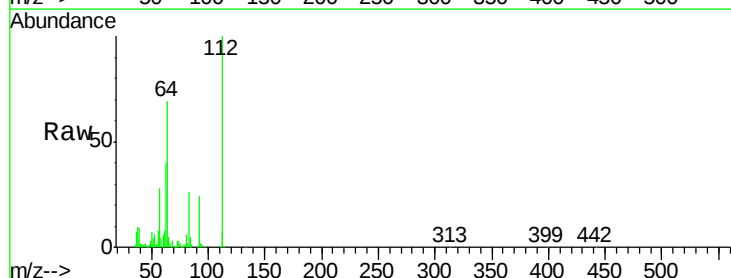
Tgt Ion:112 Resp: 173454

Ion Ratio Lower Upper

112 100

64 69.5 48.1 72.1

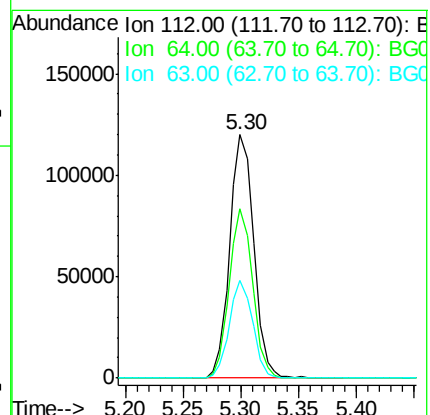
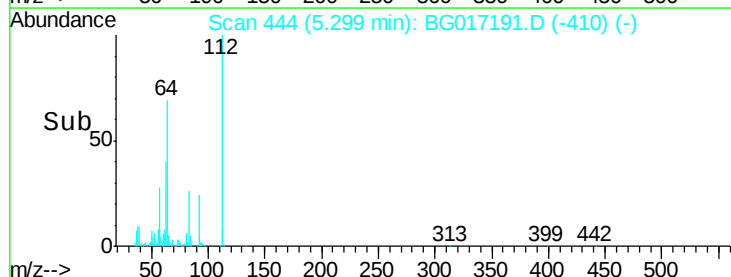
63 40.2 29.8 44.8

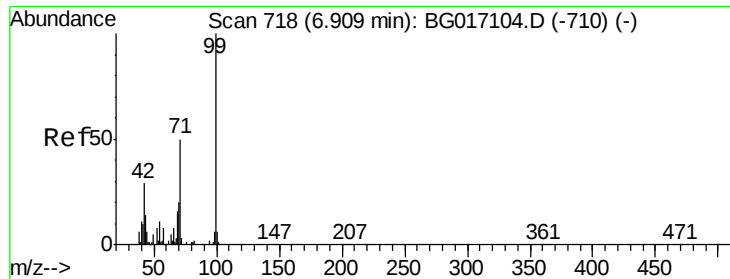


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 63.86 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG017191.D

Acq: 16 May 2015 1:28

Instrument :

BNA_G

ClientSampleId :

WC-15-F1

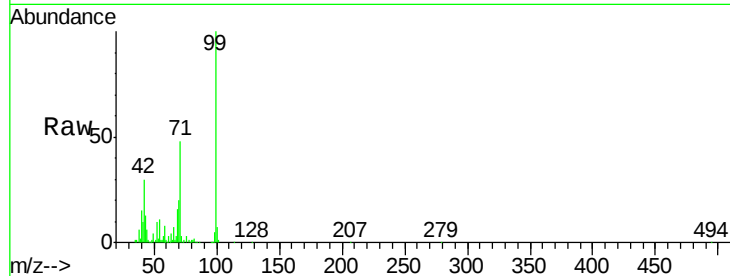
Tgt Ion: 99 Resp: 219674

Ion Ratio Lower Upper

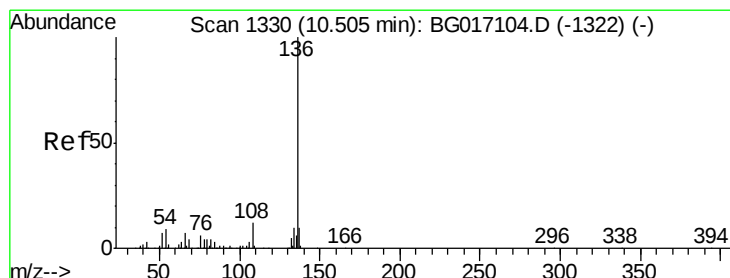
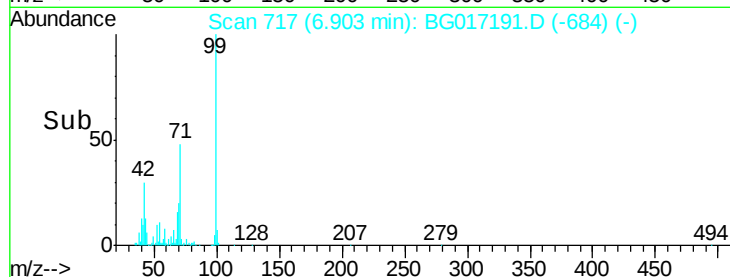
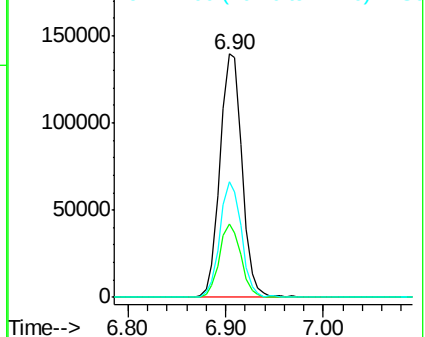
99 100

42 30.0 23.5 35.3

71 47.5 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: 10.50 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BG017191.D

Acq: 16 May 2015 1:28

Tgt Ion: 136 Resp: 183450

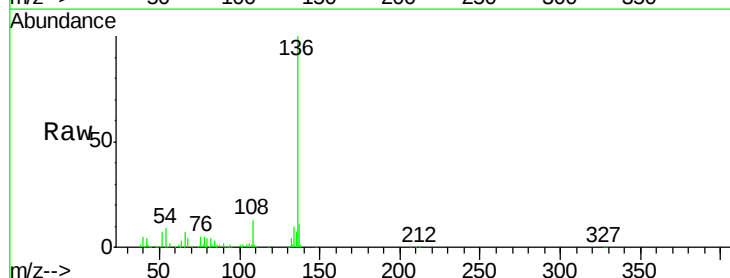
Ion Ratio Lower Upper

136 100

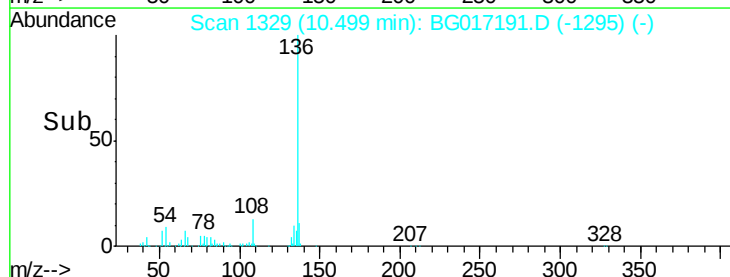
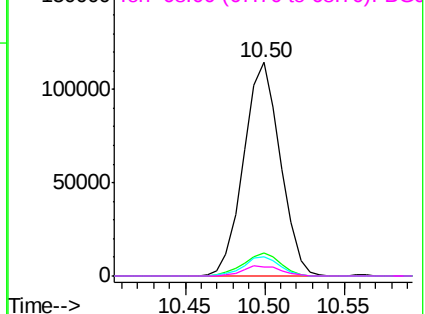
137 10.5 8.3 12.5

54 9.2 7.4 11.2

68 4.2 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

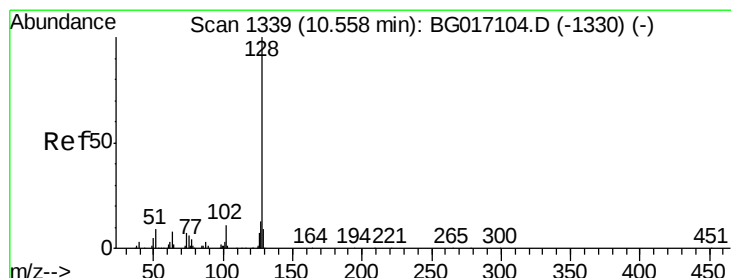
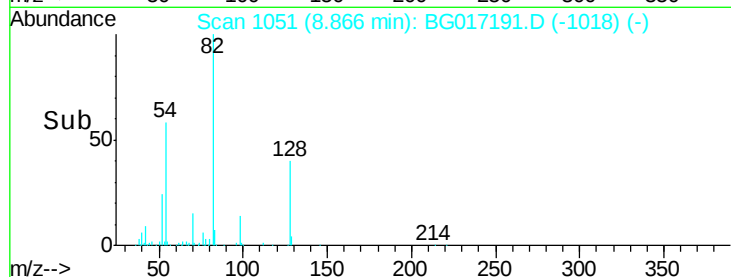
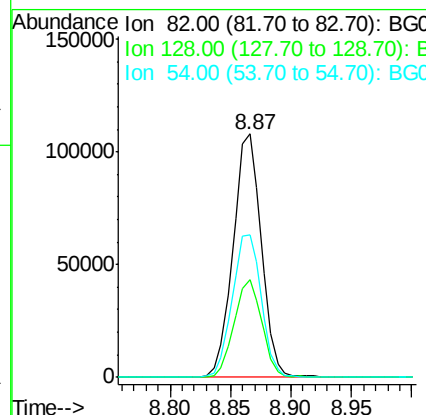
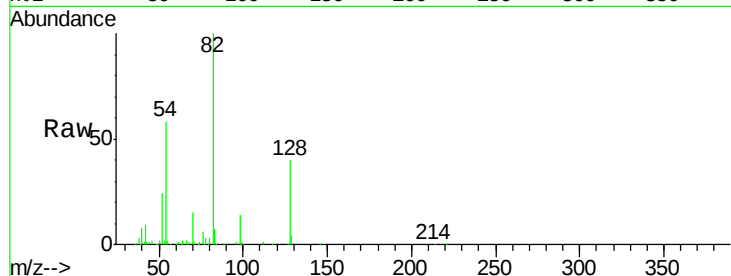




#23
Nitrobenzene-d5
Concen: 44.66 ng
RT: 8.87 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG017191.D
Acq: 16 May 2015 1:28

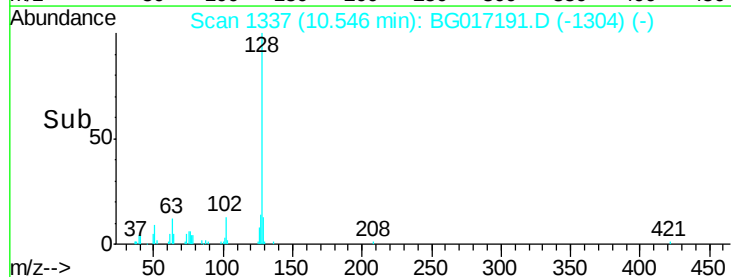
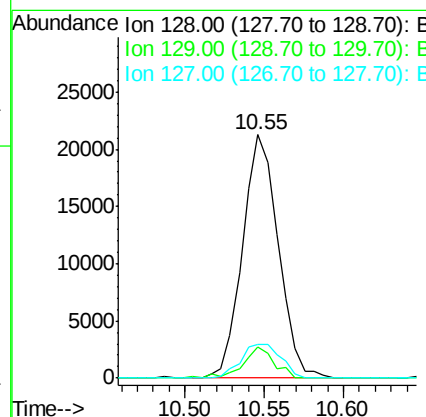
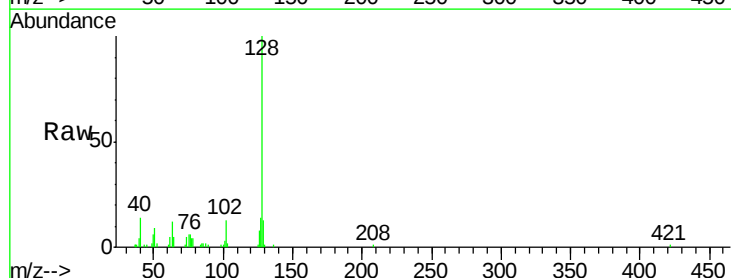
Instrument :
BNA_G
ClientSampleId :
WC-15-F1

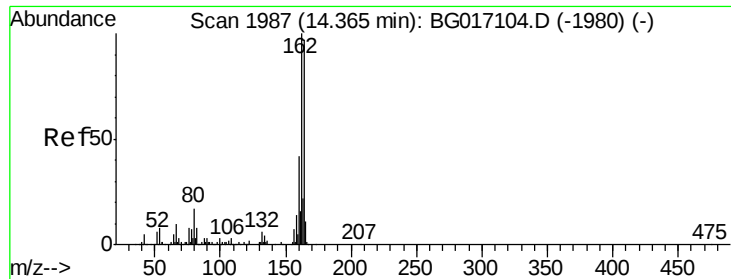
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.6	49.0
54	58.4	49.6	74.4



#31
Naphthalene
Concen: 3.71 ng
RT: 10.55 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG017191.D
Acq: 16 May 2015 1:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	7.6	11.4#
127	13.9	10.6	16.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG017191.D

Acq: 16 May 2015 1:28

Instrument :

BNA_G

ClientSampleId :

WC-15-F1

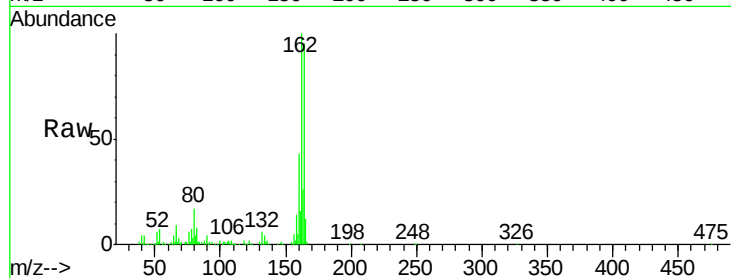
Tgt Ion:164 Resp: 129517

Ion Ratio Lower Upper

164 100

162 105.3 82.1 123.1

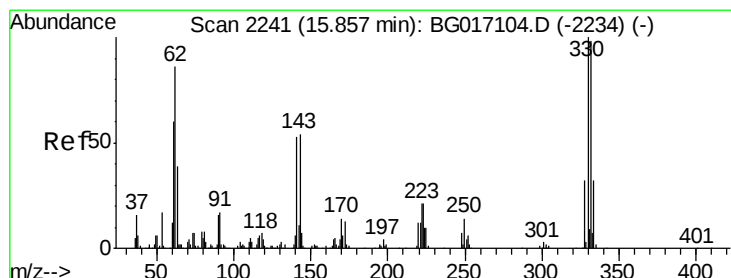
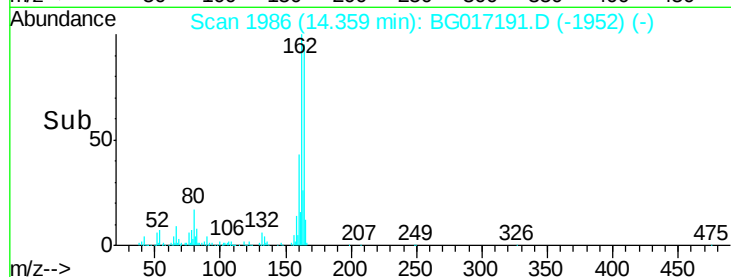
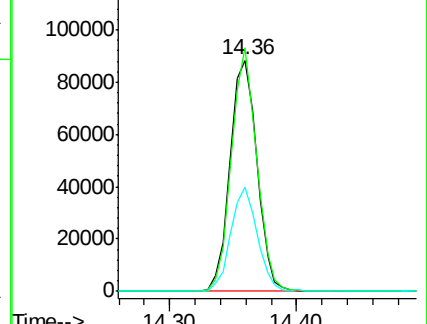
160 45.2 34.8 52.2



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: 64.85 ng

RT: 15.85 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BG017191.D

Acq: 16 May 2015 1:28

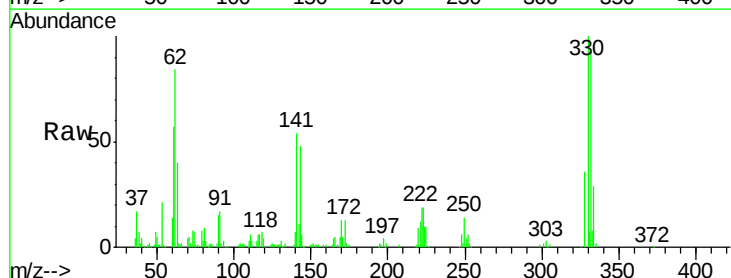
Tgt Ion:330 Resp: 101531

Ion Ratio Lower Upper

330 100

332 92.8 76.9 115.3

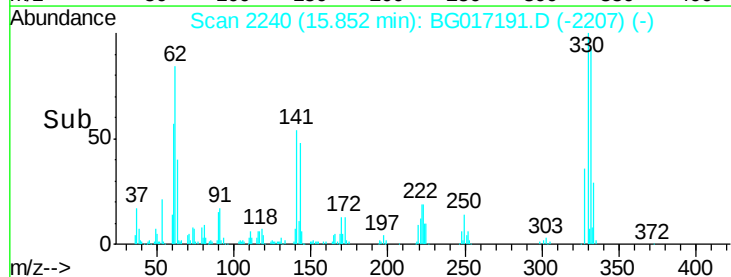
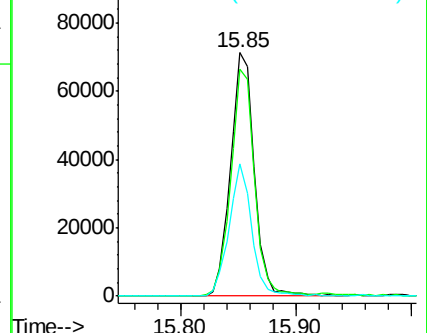
141 52.3 42.2 63.2

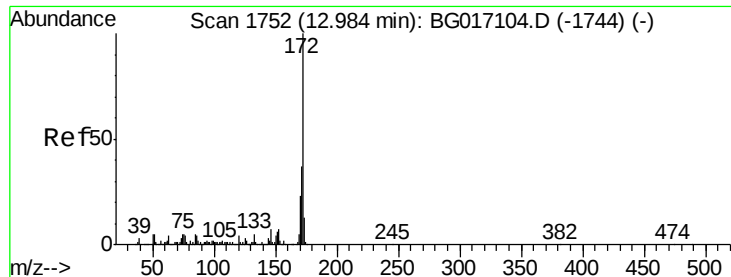


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

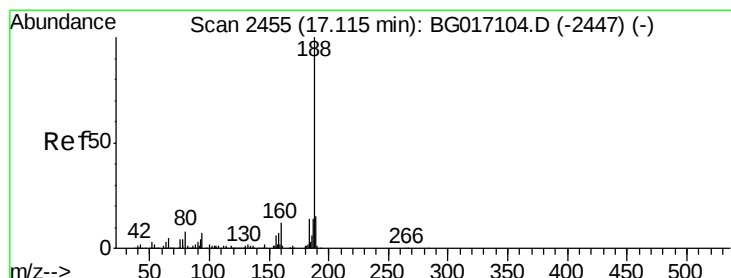
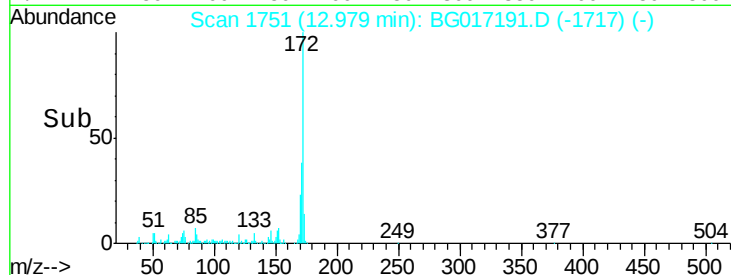
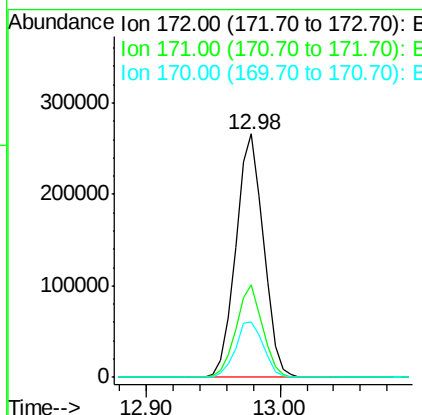
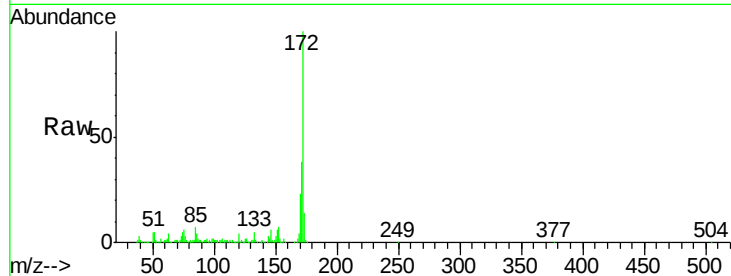




#44
 2-Fluorobiphenyl
 Concen: 43.26 ng
 RT: 12.98 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG017191.D
 Acq: 16 May 2015 1:28

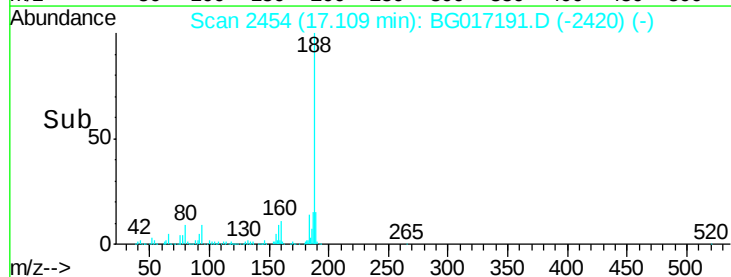
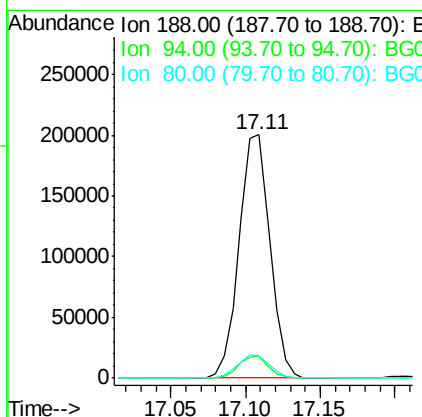
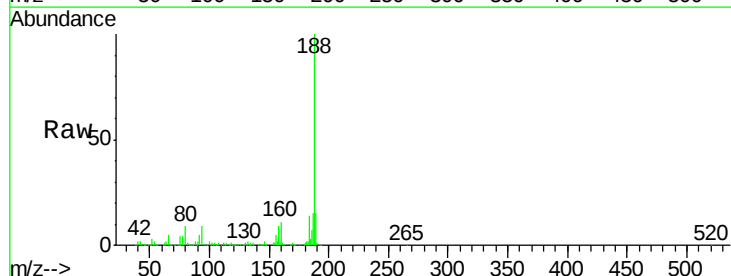
Instrument :
 BNA_G
 ClientSampleId :
 WC-15-F1

Tgt Ion:172 Resp: 381818
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.7 44.5
 170 22.8 18.4 27.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.11 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BG017191.D
 Acq: 16 May 2015 1:28

Tgt Ion:188 Resp: 288091
 Ion Ratio Lower Upper
 188 100
 94 8.9 5.8 8.6#
 80 9.2 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: BG017191.D

Acq: 16 May 2015 1:28

Instrument :

BNA_G

ClientSampleId :

WC-15-F1

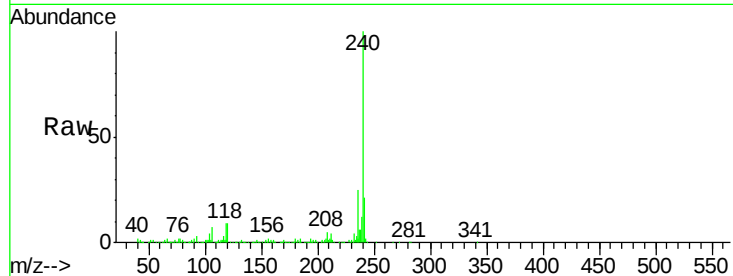
Tgt Ion:240 Resp: 281333

Ion Ratio Lower Upper

240 100

120 9.1 6.0 9.0#

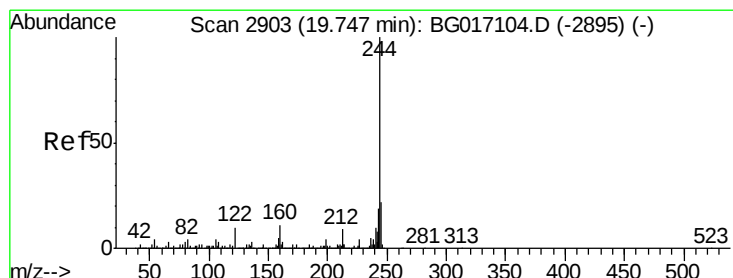
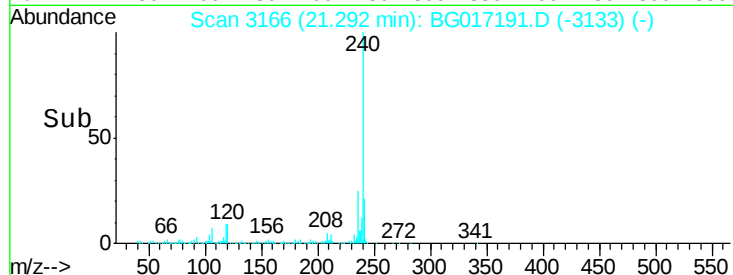
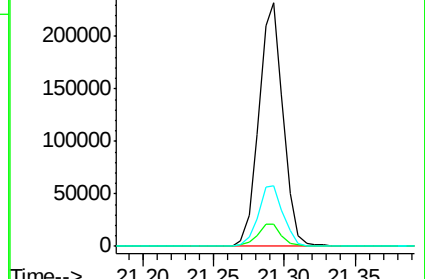
236 24.7 20.5 30.7



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: 44.03 ng

RT: 19.74 min Scan# 2902

Delta R.T. 0.00 min

Lab File: BG017191.D

Acq: 16 May 2015 1:28

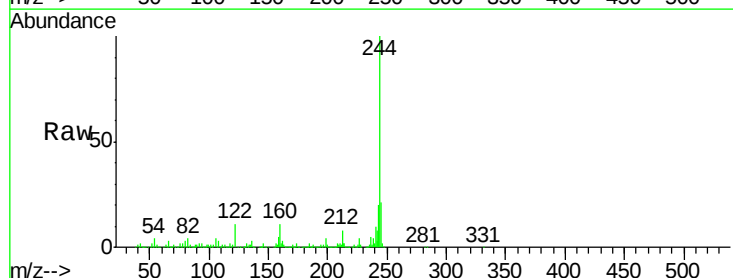
Tgt Ion:244 Resp: 594450

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

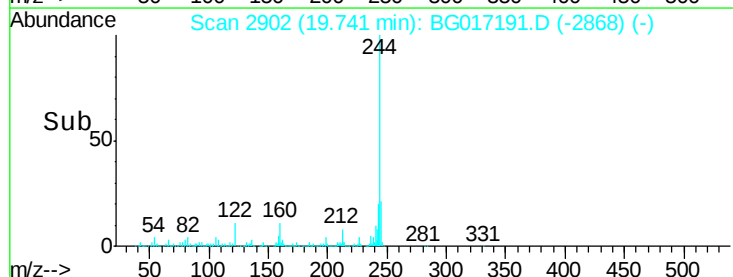
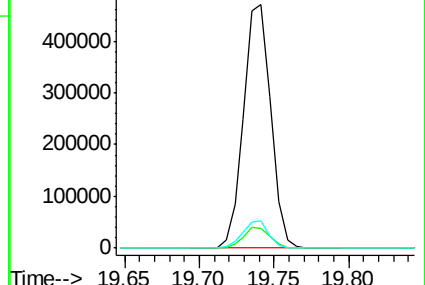
122 11.0 8.4 12.6

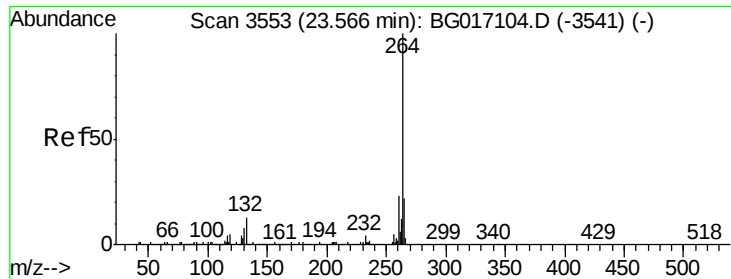


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.55 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG017191.D
Acq: 16 May 2015 1:28

Instrument :
BNA_G
ClientSampleId :
WC-15-F1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.0	27.0
265	21.9	17.4	26.0

