

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017184.D
 Acq On : 15 May 2015 20:07
 Operator : TP/IZ
 Sample : G2234-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW8

Quant Time: May 16 00:21:38 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 00:01:34 2015
 Response via : Initial Calibration

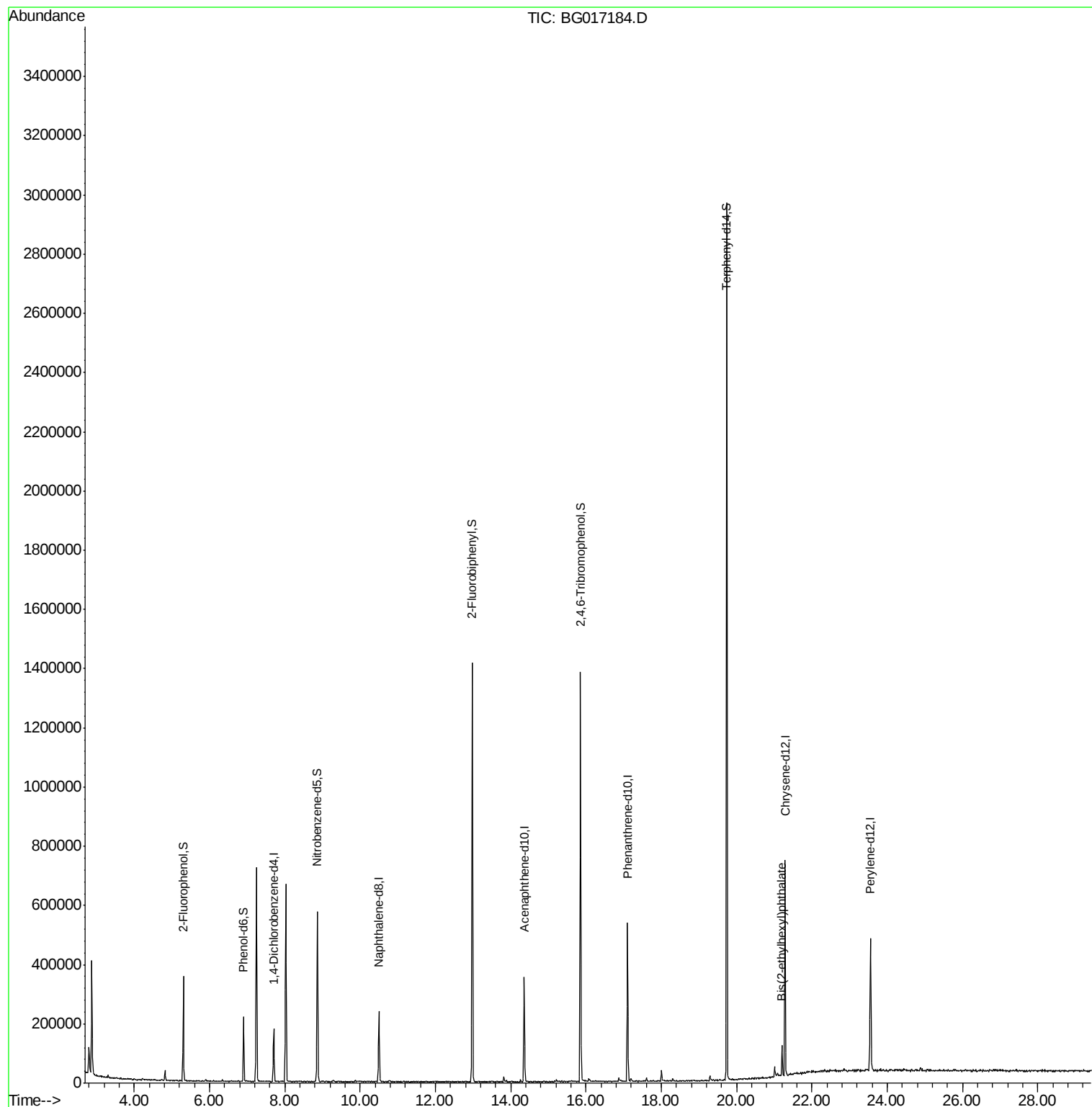
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	40829	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	174271	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	111155	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	270529	20.00	ng	0.00
75) Chrysene-d12	21.29	240	309231	20.00	ng	0.00
86) Perylene-d12	23.56	264	300595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	124777	54.22	ng	0.00
7) Phenol-d6	6.91	99	96917	30.01	ng	0.00
23) Nitrobenzene-d5	8.86	82	295924	79.28	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	184368	137.21	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	625282	82.54	ng	0.00
78) Terphenyl-d14	19.74	244	1132353	76.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.85	77	124	Below Cal	#	39
83) Bis(2-ethylhexyl)phthalate	21.21	149	28779	2.35 ng	#	91

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

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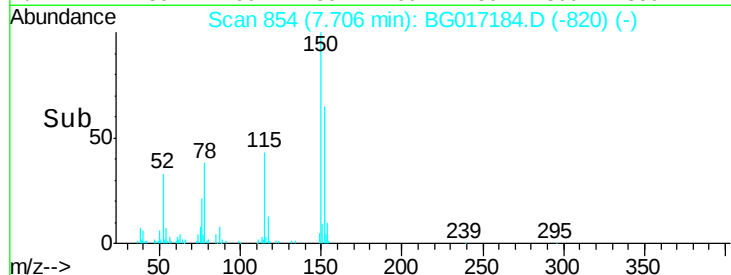
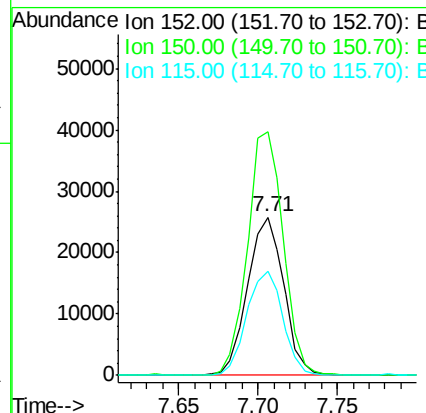
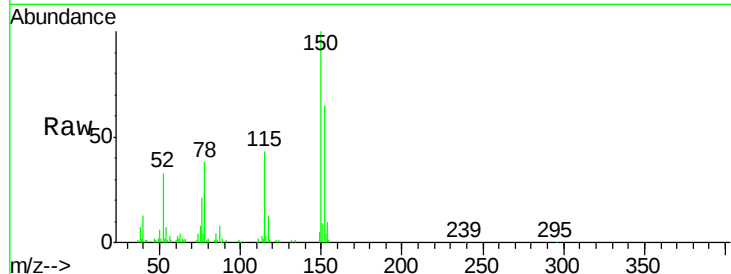


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG017184.D
Acq: 15 May 2015 20:07

Instrument :
BNA_G
ClientSampled :
MW8

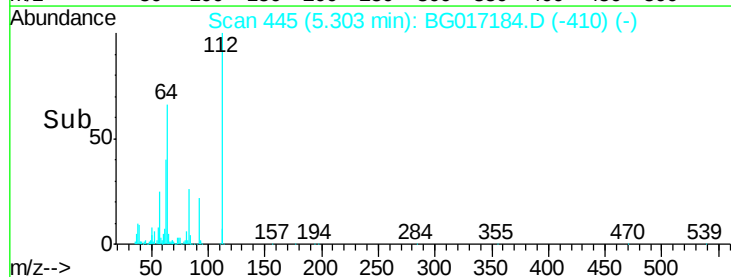
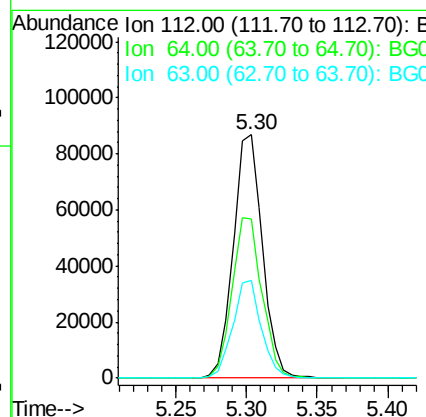
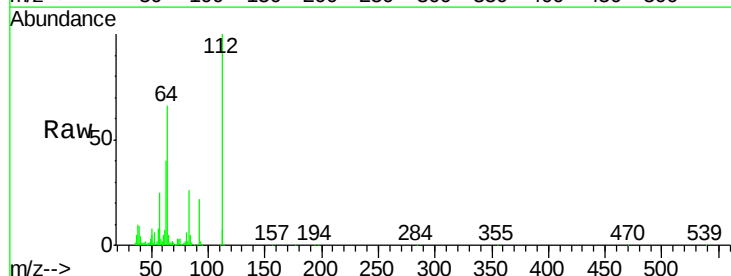
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	120.8	181.2
115	65.9	49.4	74.2

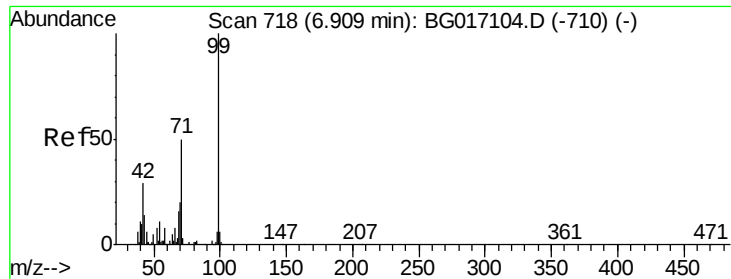


#5

2-Fluorophenol
Concen: 54.22 ng
RT: 5.30 min Scan# 445
Delta R.T. 0.01 min
Lab File: BG017184.D
Acq: 15 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	48.1	72.1
63	39.9	29.8	44.8





#7

Phenol-d6

Concen: 30.01 ng

RT: 6.91 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG017184.D

Acq: 15 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

MW8

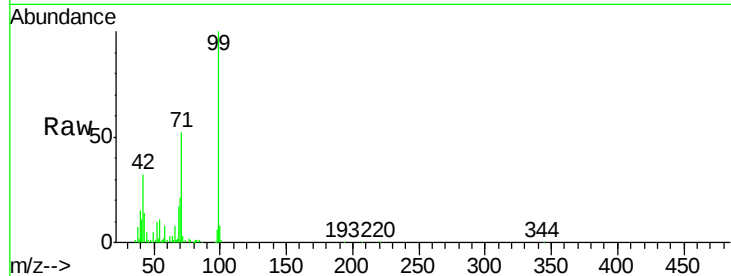
Tgt Ion: 99 Resp: 96917

Ion Ratio Lower Upper

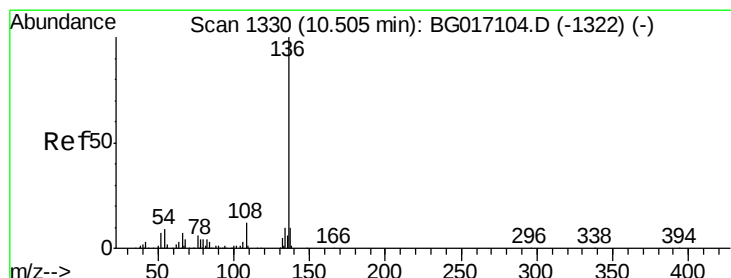
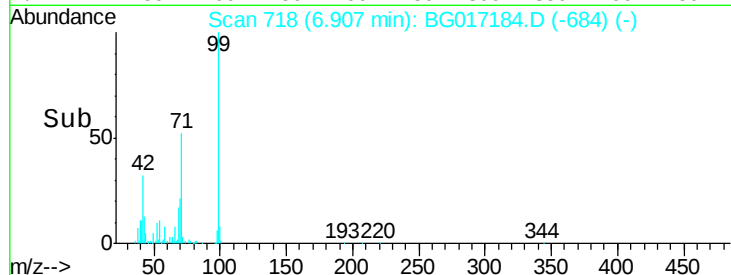
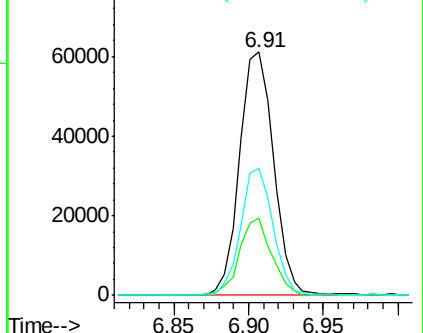
99 100

42 31.7 23.5 35.3

71 52.4 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. -0.01 min

Lab File: BG017184.D

Acq: 15 May 2015 20:07

Tgt Ion: 136 Resp: 174271

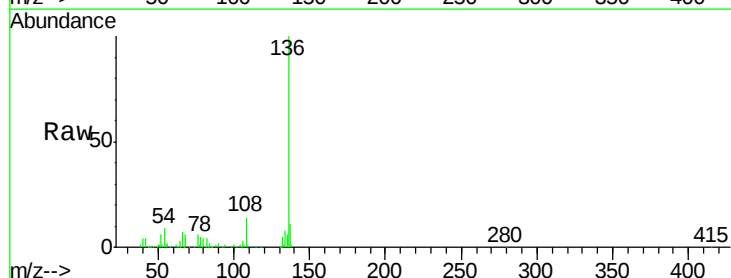
Ion Ratio Lower Upper

136 100

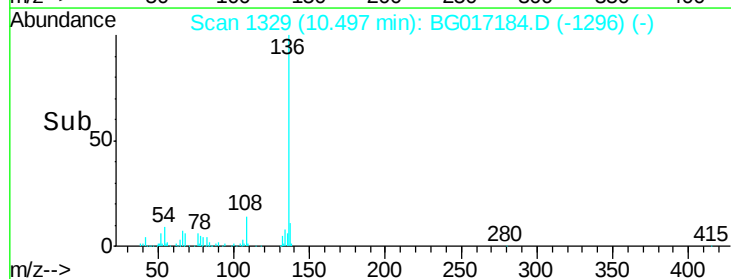
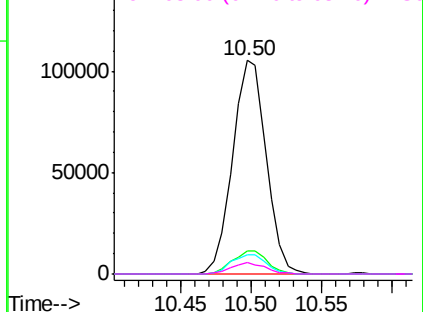
137 10.6 8.3 12.5

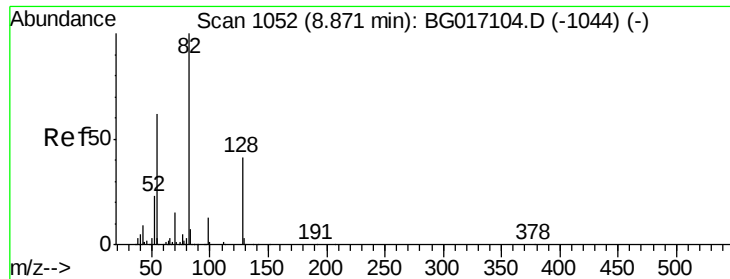
54 9.0 7.4 11.2

68 5.6 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

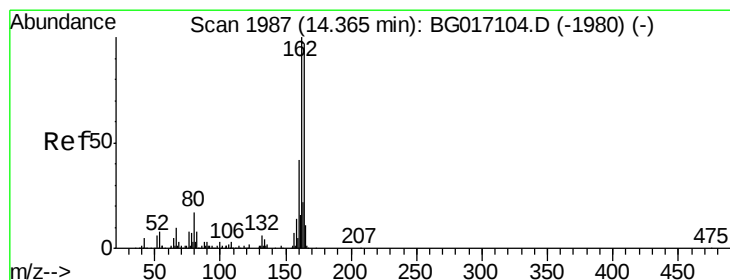
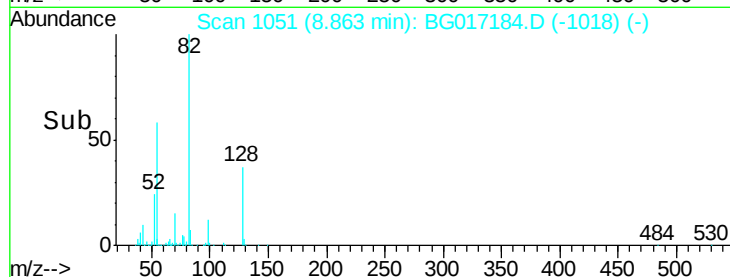
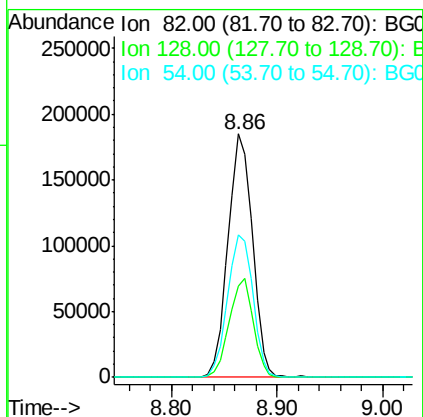
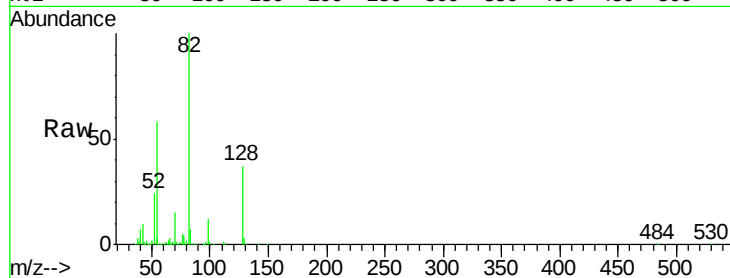




#23
 Nitrobenzene-d5
 Concen: 79.28 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017184.D
 Acq: 15 May 2015 20:07

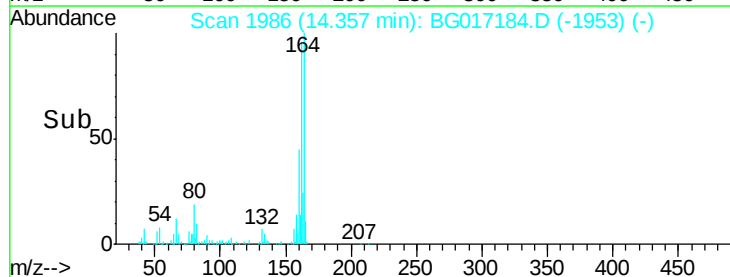
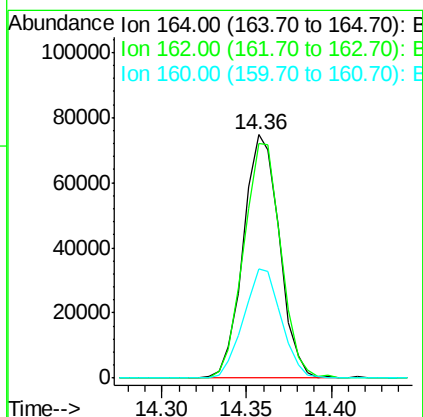
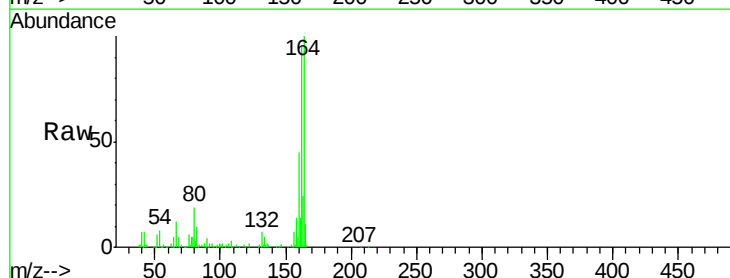
Instrument :
 BNA_G
 ClientSampleId :
 MW8

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	32.6	49.0
54	58.3	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG017184.D
 Acq: 15 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	82.1	123.1
160	45.1	34.8	52.2

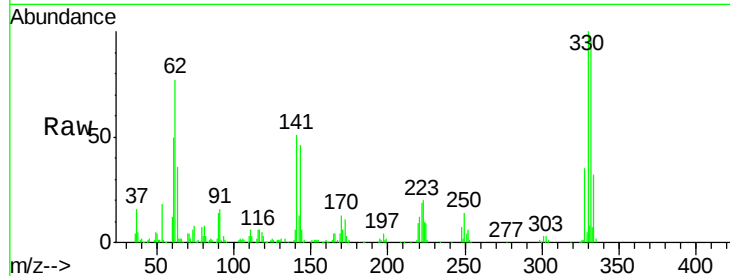




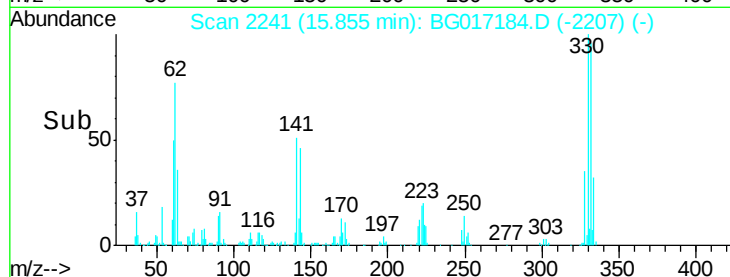
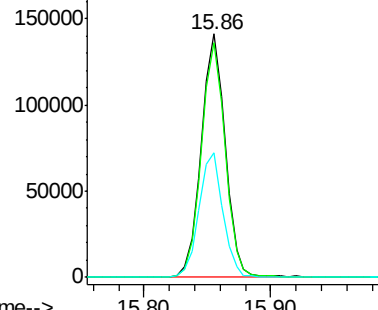
#41
 2,4,6-Tribromophenol
 Concen: 137.21 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG017184.D
 Acq: 15 May 2015 20:07

Instrument :
 BNA_G
 ClientSampleId :
 MW8

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	51.3	42.2	63.2

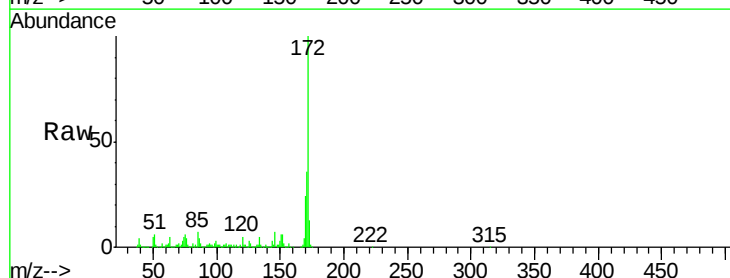


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

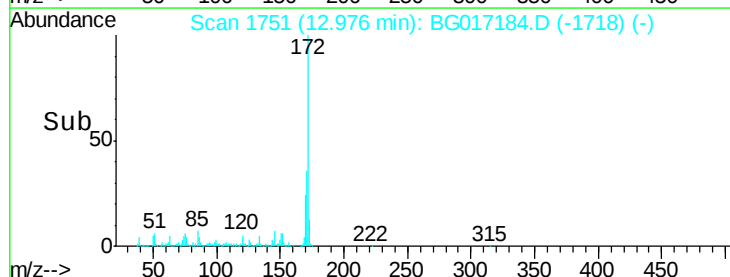
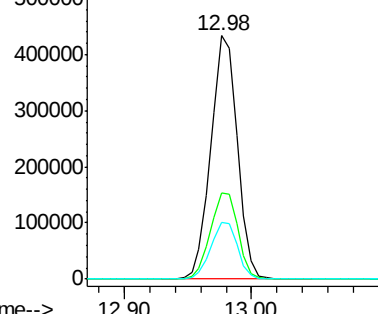


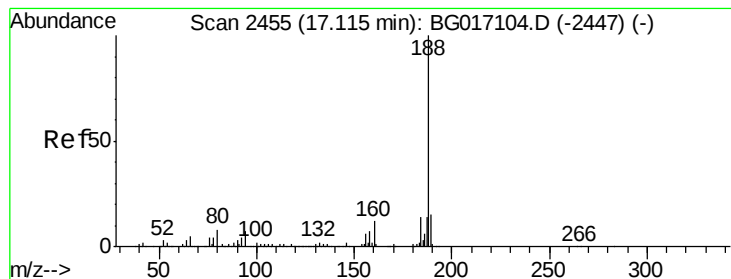
#44
 2-Fluorobiphenyl
 Concen: 82.54 ng
 RT: 12.98 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG017184.D
 Acq: 15 May 2015 20:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.5	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017184.D

Acq: 15 May 2015 20:07

Instrument :

BNA_G

ClientSampled :

MW8

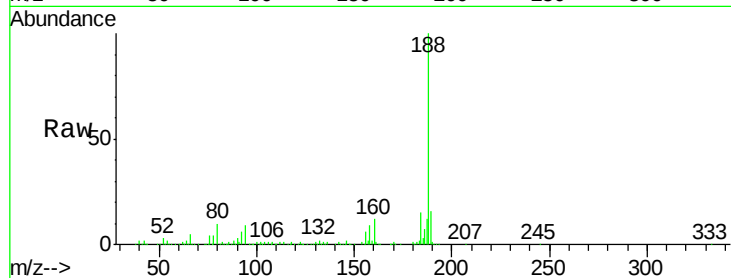
Tgt Ion:188 Resp: 270529

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.6#

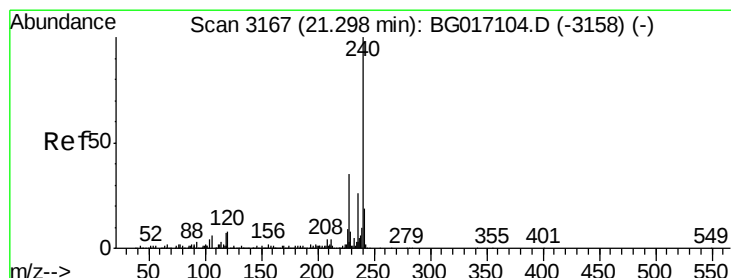
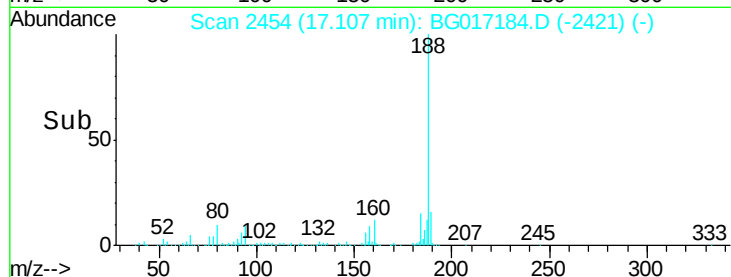
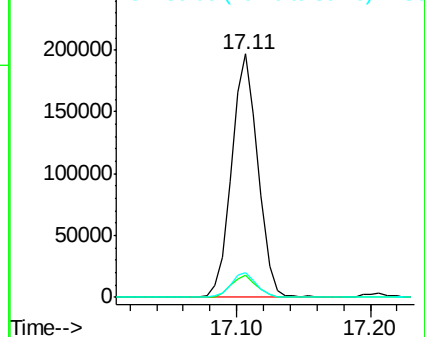
80 10.1 6.5 9.7#



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: 21.29 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG017184.D

Acq: 15 May 2015 20:07

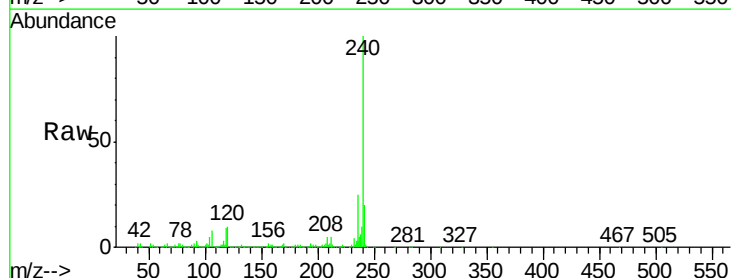
Tgt Ion:240 Resp: 309231

Ion Ratio Lower Upper

240 100

120 10.3 6.0 9.0#

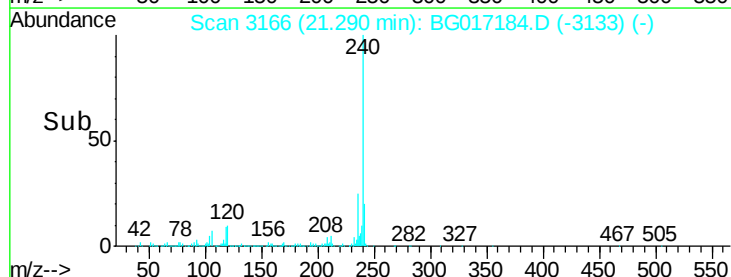
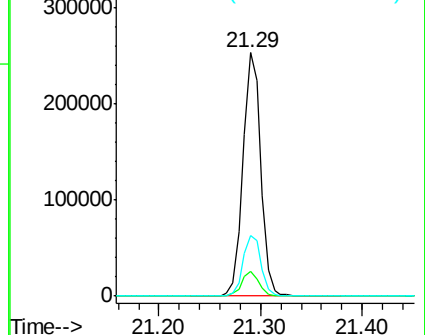
236 24.9 20.5 30.7



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: 76.31 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG017184.D

Acq: 15 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

MW8

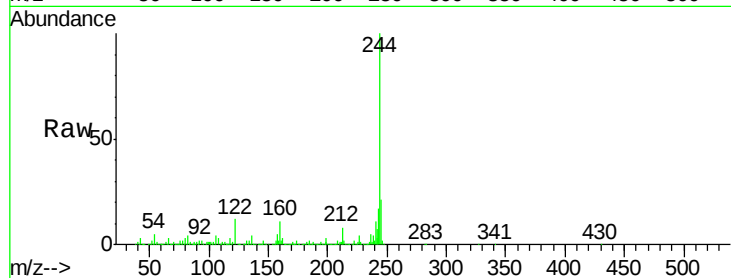
Tgt Ion:244 Resp: 1132353

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

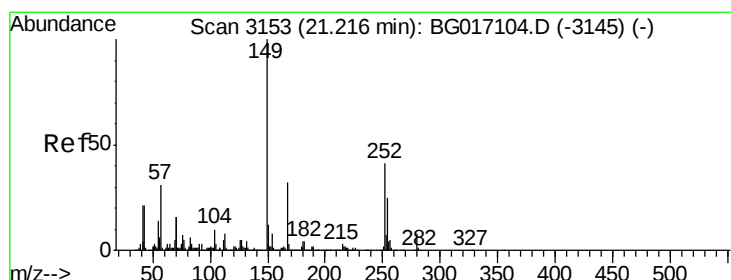
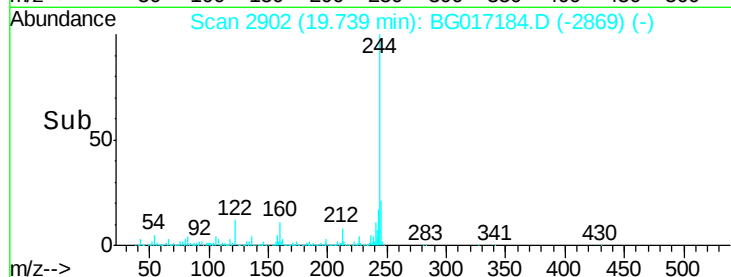
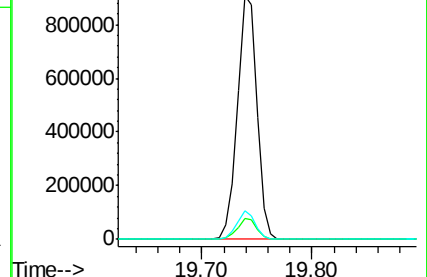
122 11.9 8.4 12.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.35 ng

RT: 21.21 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG017184.D

Acq: 15 May 2015 20:07

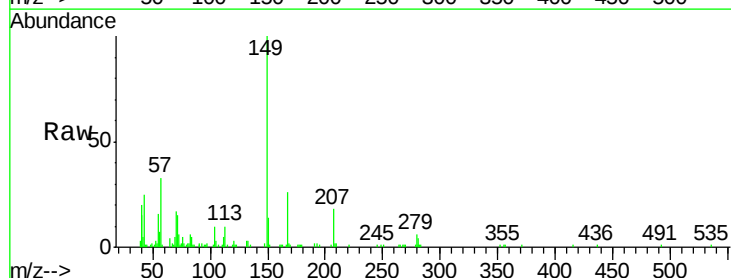
Tgt Ion:149 Resp: 28779

Ion Ratio Lower Upper

149 100

167 26.3 25.4 38.2

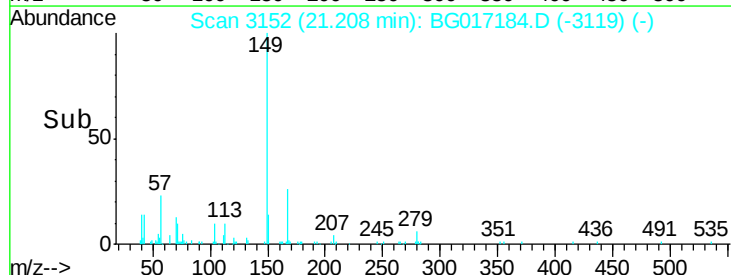
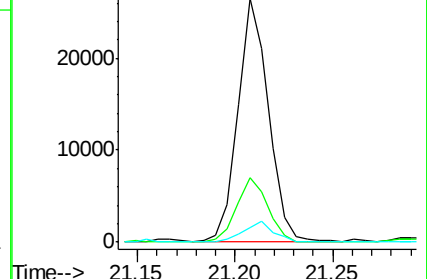
279 6.2 6.8 10.2#

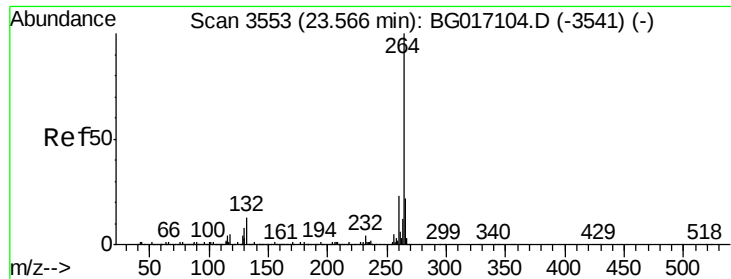


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.56 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BG017184.D

Acq: 15 May 2015 20:07

Instrument :

BNA_G

ClientSampleId :

MW8

Tgt Ion: 264 Resp: 300595

Ion Ratio Lower Upper

264 100

260 23.1 18.0 27.0

265 22.6 17.4 26.0

