

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052015\
 Data File : BG017231.D
 Acq On : 21 May 2015 3:10
 Operator : TP/IZ
 Sample : G2301-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW11

Quant Time: May 21 04:54:21 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 04:37:30 2015
 Response via : Initial Calibration

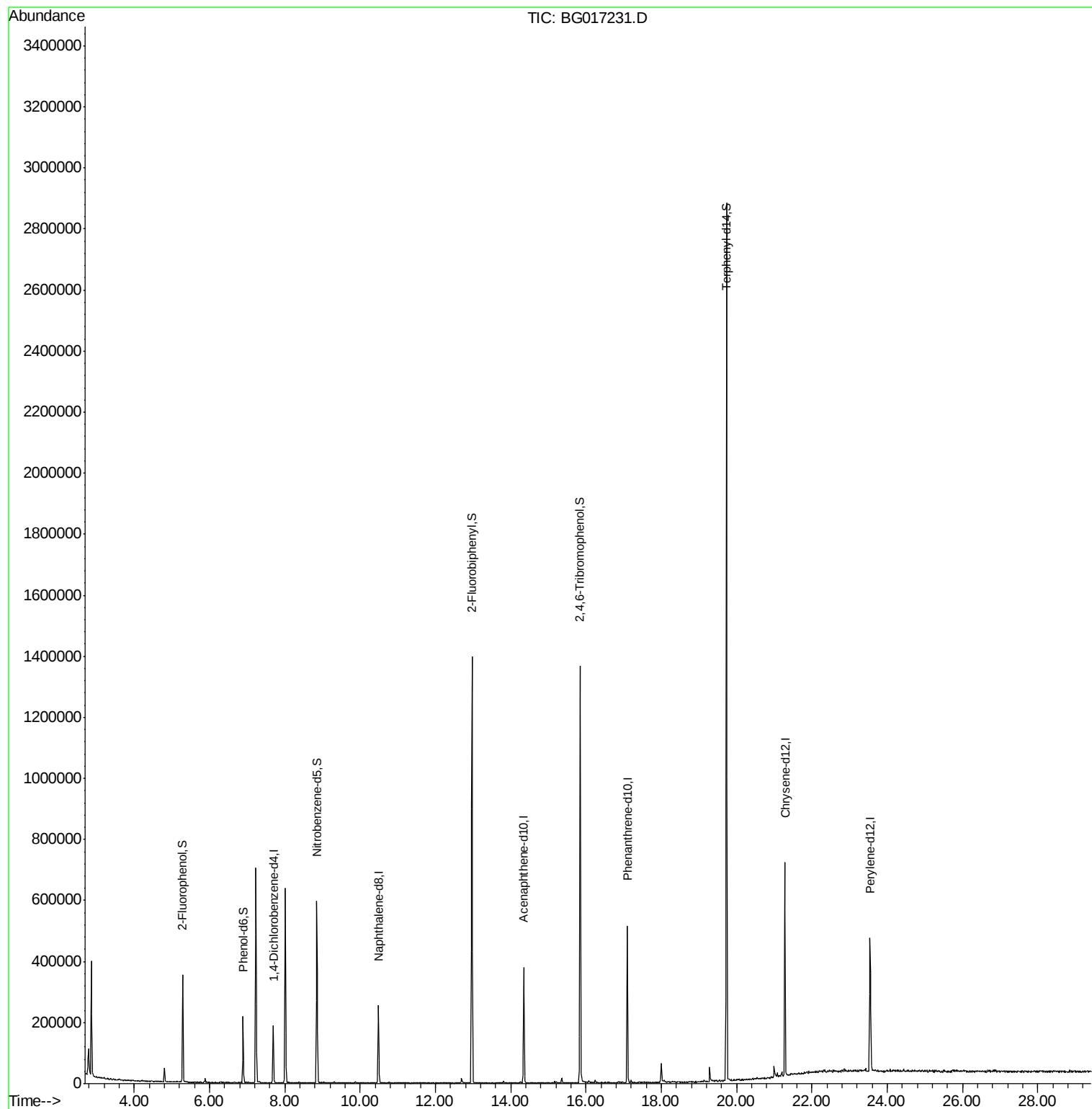
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	42589	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	175635	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	115364	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	276930	20.00	ng	0.00
75) Chrysene-d12	21.28	240	302989	20.00	ng	0.00
86) Perylene-d12	23.55	264	307527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	122526	51.04	ng	0.00
7) Phenol-d6	6.90	99	98409	29.21	ng	0.00
23) Nitrobenzene-d5	8.85	82	300580	79.90	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	189933	136.20	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	621934	79.11	ng	0.00
78) Terphenyl-d14	19.73	244	1070988	73.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.84	77	114	Below Cal	Qvalue #	6

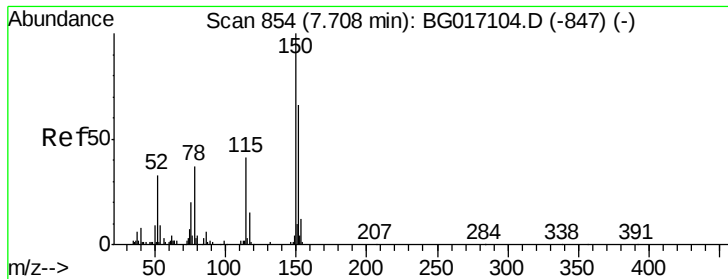
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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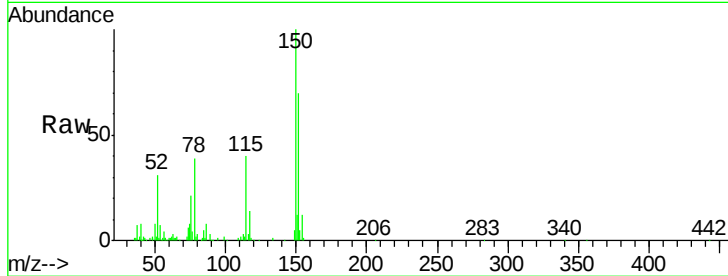


#1

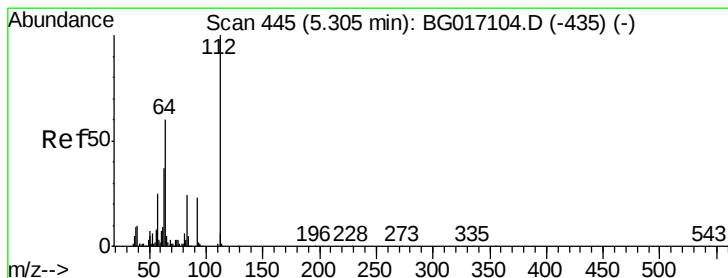
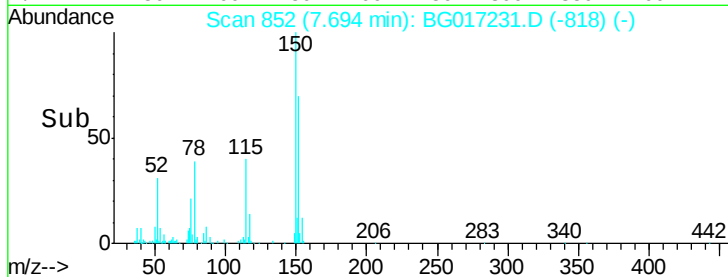
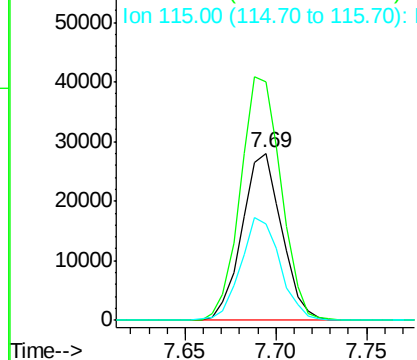
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 852
Delta R.T. 0.00 min
Lab File: BG017231.D
Acq: 21 May 2015 3:10

Instrument :
BNA_G
ClientSampleId :
MW11

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.3	120.8	181.2
115	57.5	49.4	74.2



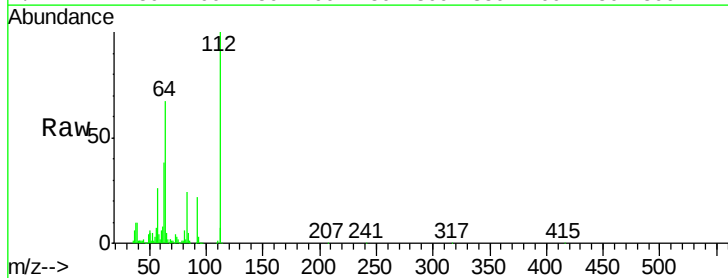
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



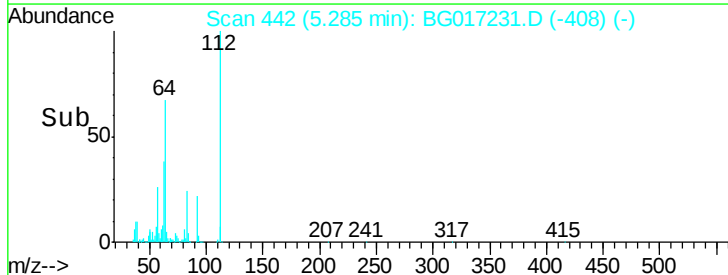
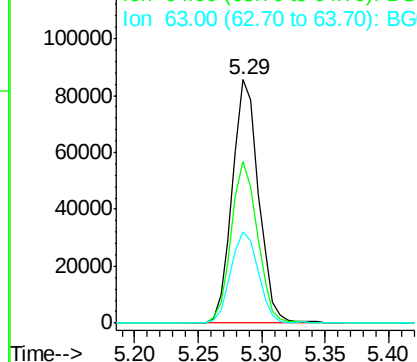
#5

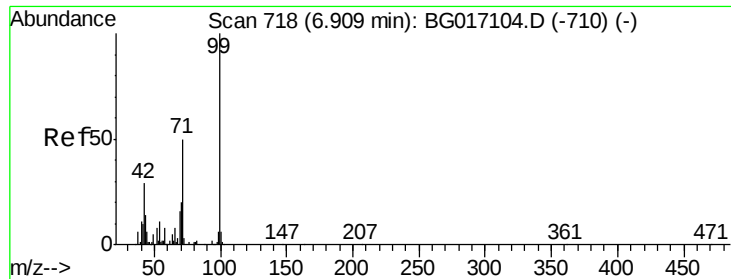
2-Fluorophenol
Concen: 51.04 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG017231.D
Acq: 21 May 2015 3:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	48.1	72.1
63	37.7	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: 29.21 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG017231.D

Acq: 21 May 2015 3:10

Instrument :

BNA_G

ClientSampleId :

MW11

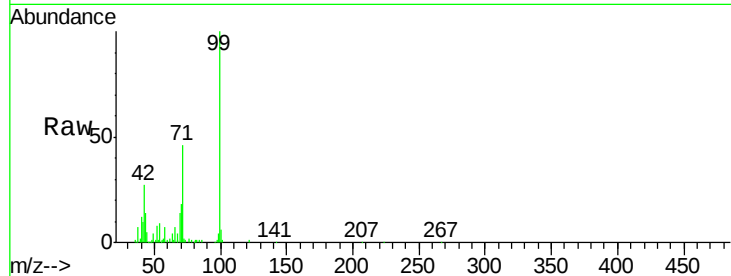
Tot Ion: 99 Resp: 98409

Ion Ratio Lower Upper

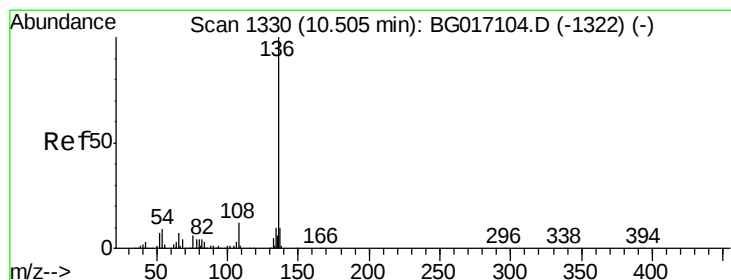
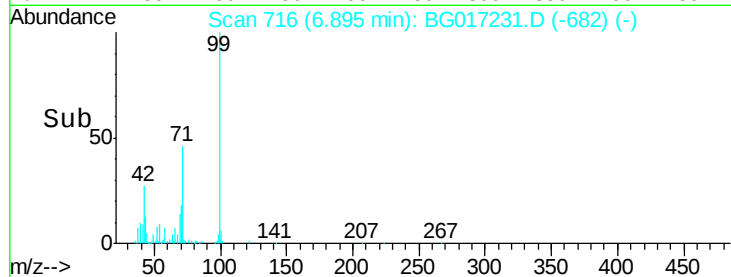
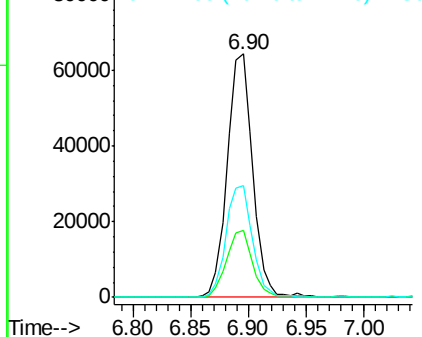
99 100

42 27.4 23.5 35.3

71 46.1 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: 10.49 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BG017231.D

Acq: 21 May 2015 3:10

Tgt Ion: 136 Resp: 175635

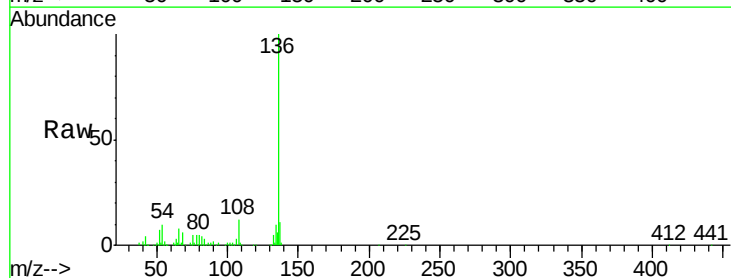
Ion Ratio Lower Upper

136 100

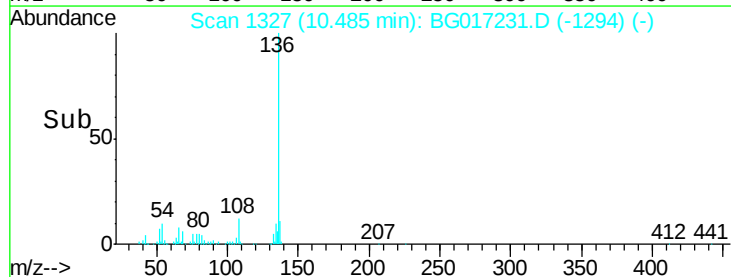
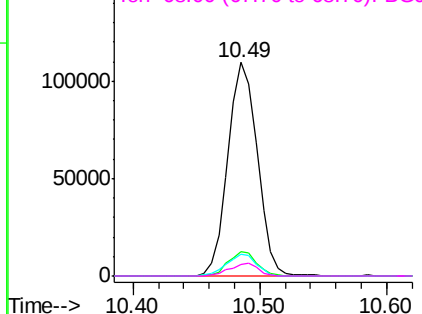
137 11.3 8.3 12.5

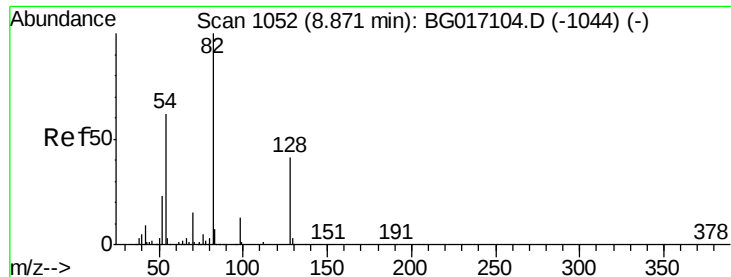
54 10.2 7.4 11.2

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

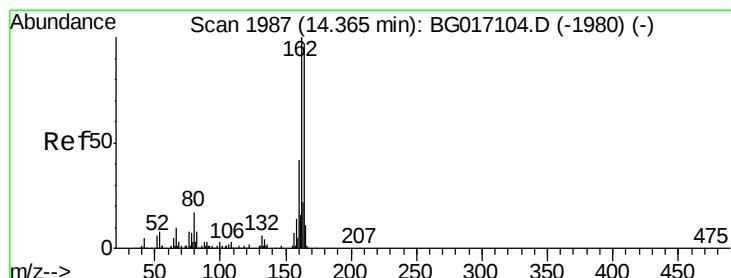
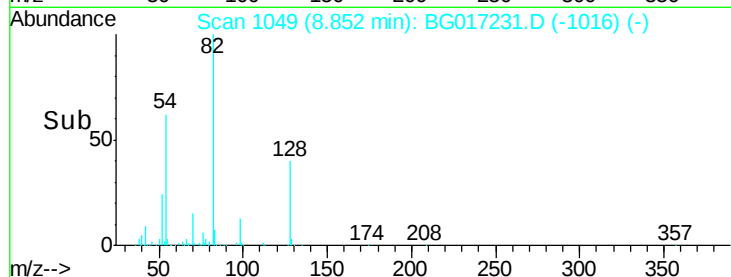
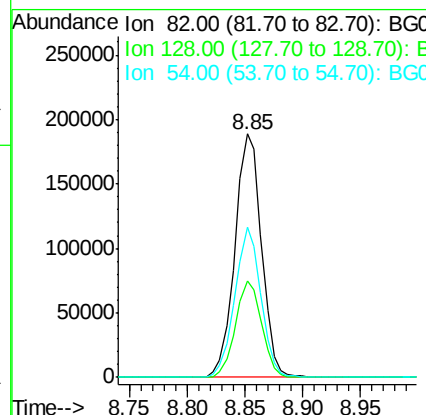
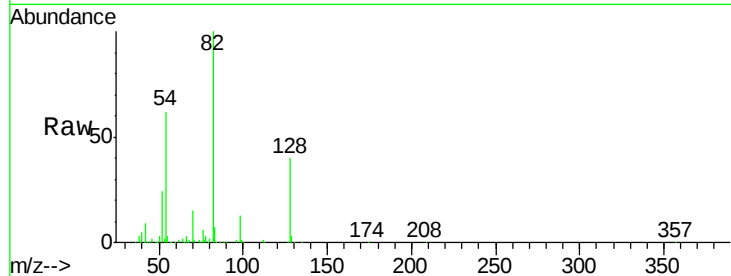




#23
 Nitrobenzene-d5
 Concen: 79.90 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG017231.D
 Acq: 21 May 2015 3:10

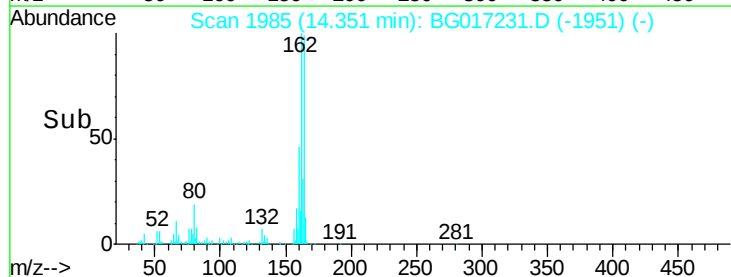
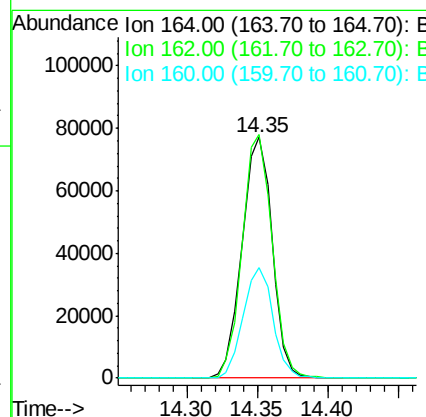
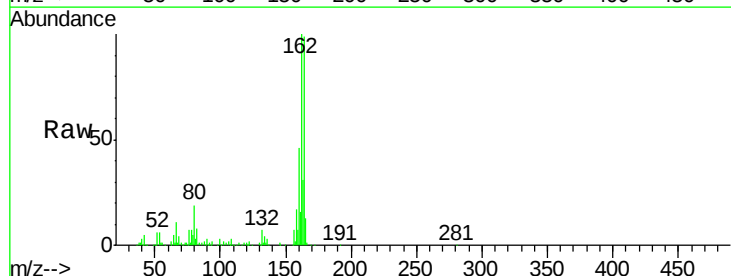
Instrument :
 BNA_G
 ClientSampleId :
 MW11

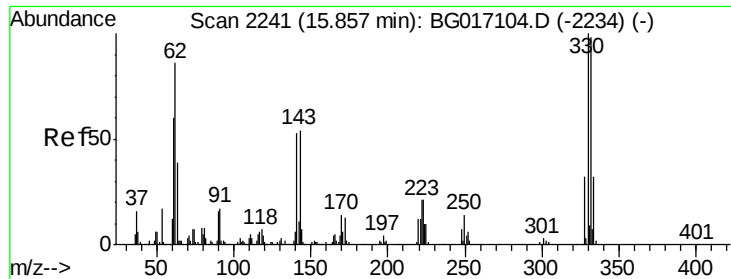
Tot Ion	82	Resp	300580
Ion Ratio	Lower	Upper	
82	100		
128	39.6	32.6	49.0
54	61.7	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: BG017231.D
 Acq: 21 May 2015 3:10

Tgt Ion	164	Resp	115364
Ion Ratio	Lower	Upper	
164	100		
162	101.0	82.1	123.1
160	46.0	34.8	52.2

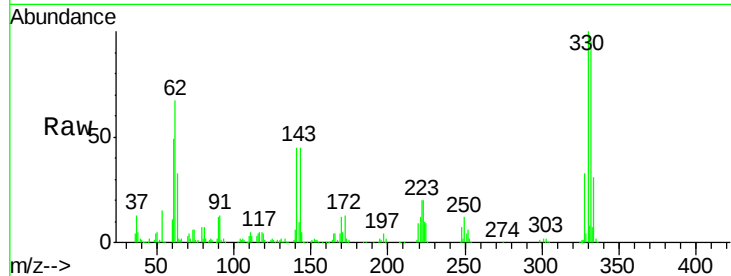




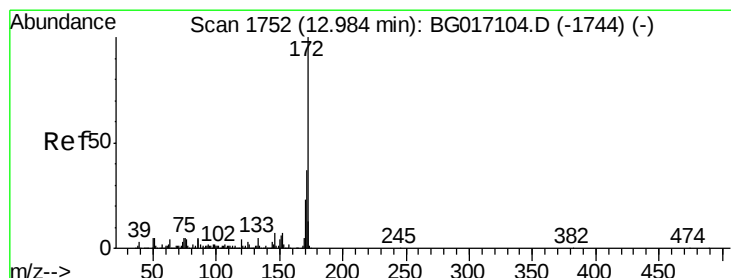
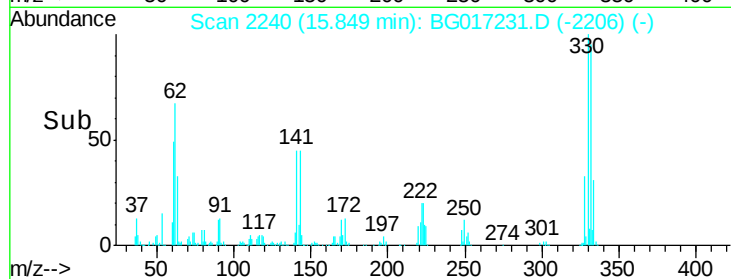
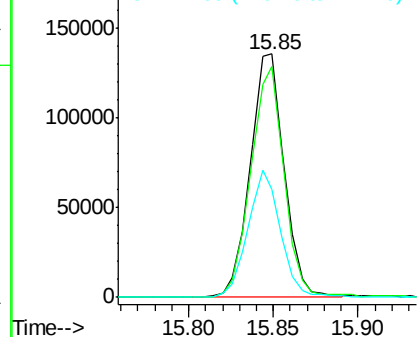
#41
 2,4,6-Tribromophenol
 Concen: 136.20 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: BG017231.D
 Acq: 21 May 2015 3:10

Instrument :
 BNA_G
 ClientSampleId :
 MW11

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.9	115.3
141	50.9	42.2	63.2

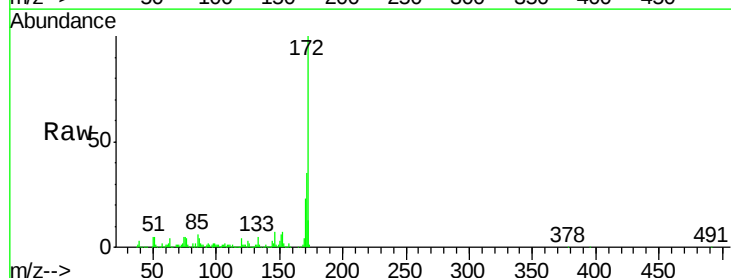


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

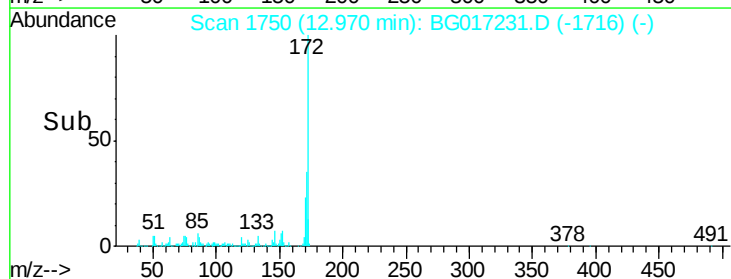
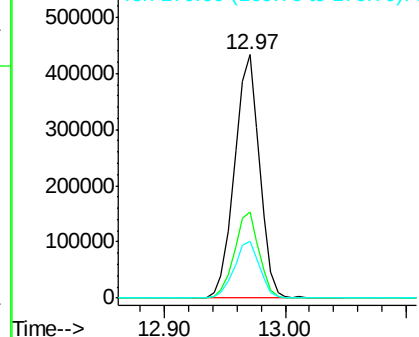


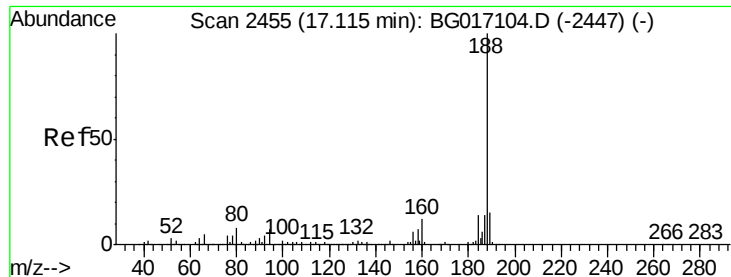
#44
 2-Fluorobiphenyl
 Concen: 79.11 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BG017231.D
 Acq: 21 May 2015 3:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.3	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

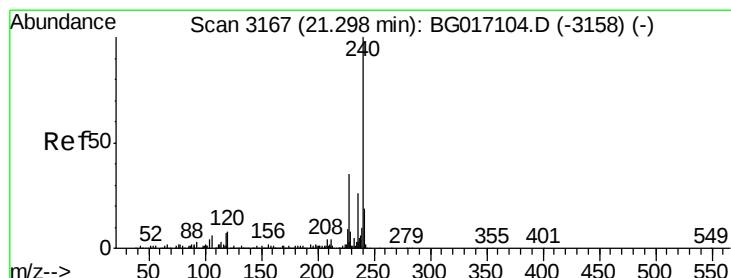
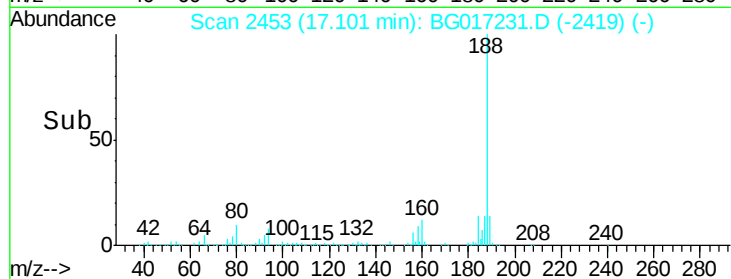
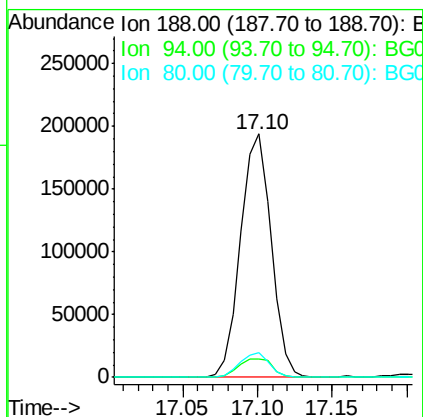
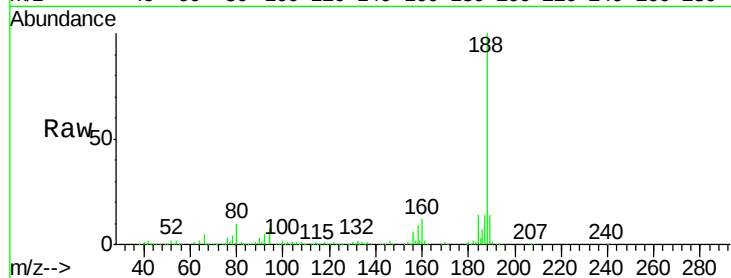




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BG017231.D
Acq: 21 May 2015 3:10

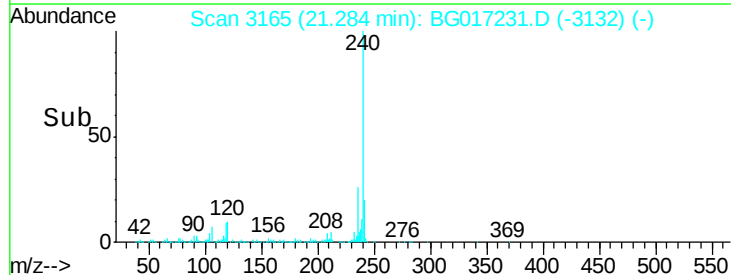
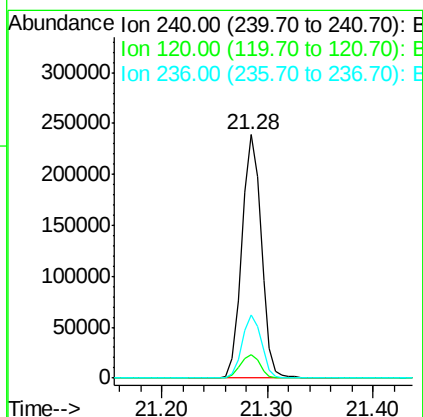
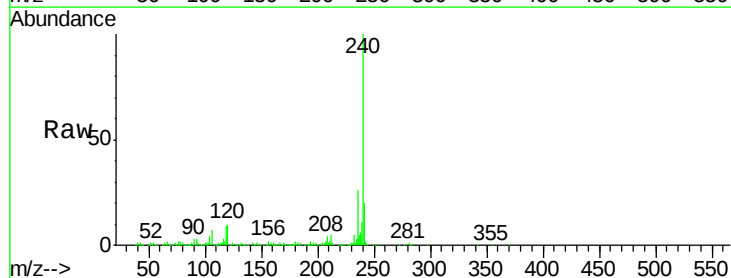
Instrument :
BNA_G
ClientSampleId :
MW11

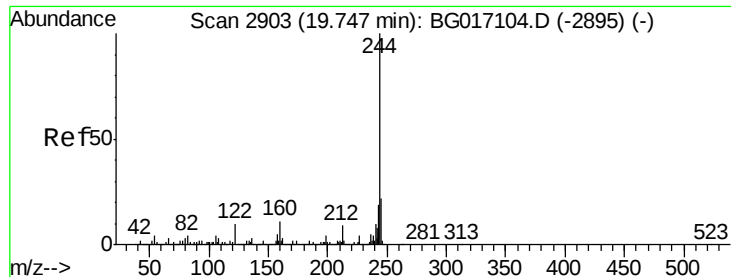
Tot Ion:188 Resp: 276930
Ion Ratio Lower Upper
188 100
94 7.6 5.8 8.6
80 10.2 6.5 9.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.28 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG017231.D
Acq: 21 May 2015 3:10

Tgt Ion:240 Resp: 302989
Ion Ratio Lower Upper
240 100
120 9.6 6.0 9.0#
236 25.9 20.5 30.7





#78

Terphenyl-d14

Concen: 73.66 ng

RT: 19.73 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BG017231.D

Acq: 21 May 2015 3:10

Instrument :

BNA_G

ClientSampleId :

MW11

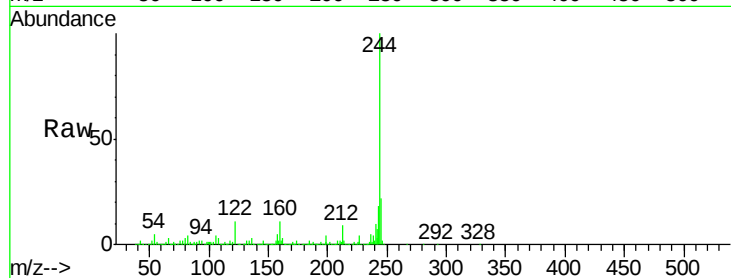
Tot Ion:244 Resp: 1070988

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

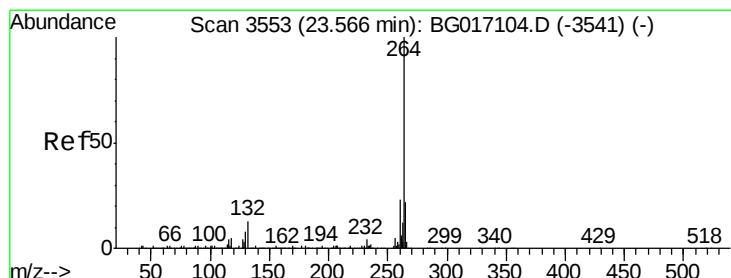
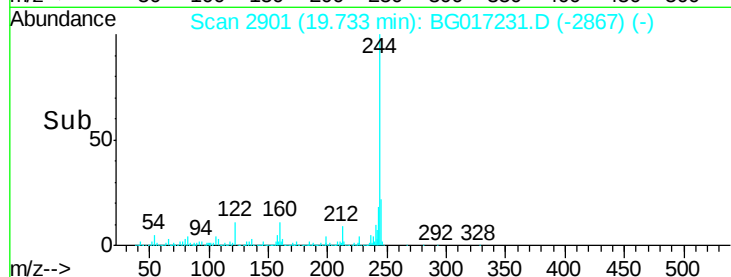
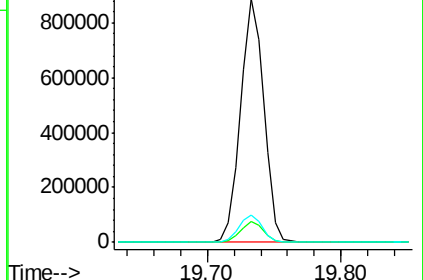
122 11.3 8.4 12.6



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# 3550

Delta R.T. -0.01 min

Lab File: BG017231.D

Acq: 21 May 2015 3:10

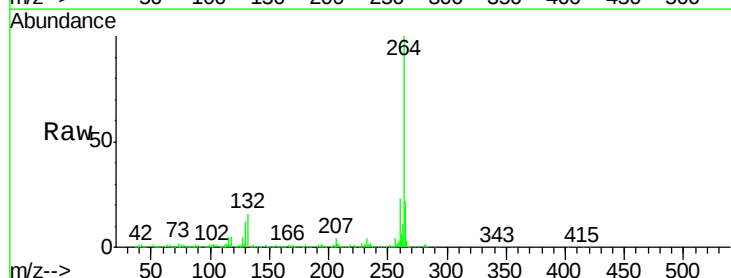
Tgt Ion:264 Resp: 307527

Ion Ratio Lower Upper

264 100

260 23.1 18.0 27.0

265 21.7 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

