

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051515\
 Data File : BG017186.D
 Acq On : 15 May 2015 21:17
 Operator : TP/IZ
 Sample : G2234-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW12

Quant Time: May 16 00:22:05 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

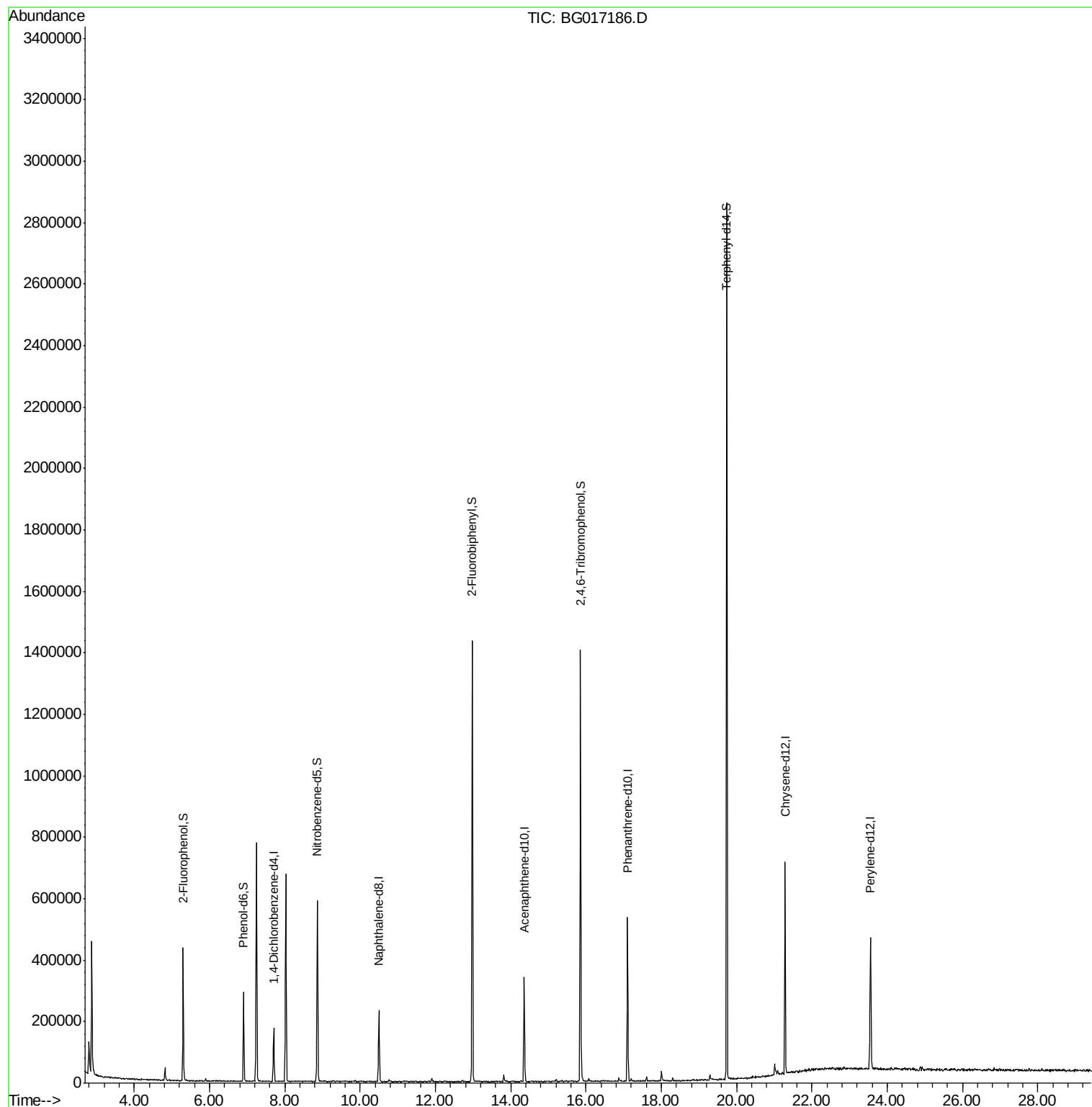
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	38790	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	163106	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	110347	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	265492	20.00	ng	0.00
75) Chrysene-d12	21.29	240	296152	20.00	ng	0.00
86) Perylene-d12	23.56	264	290418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	150540	68.86	ng	0.00
7) Phenol-d6	6.91	99	127902	41.69	ng	0.00
23) Nitrobenzene-d5	8.86	82	300940	86.14	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	189535	142.09	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	632261	84.08	ng	0.00
78) Terphenyl-d14	19.74	244	1108550	78.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.90	77	398	Below Cal	Qvalue #	6

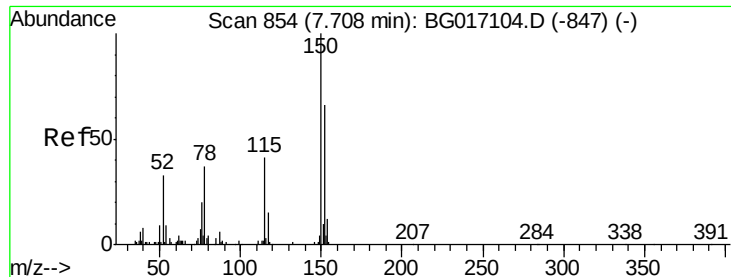
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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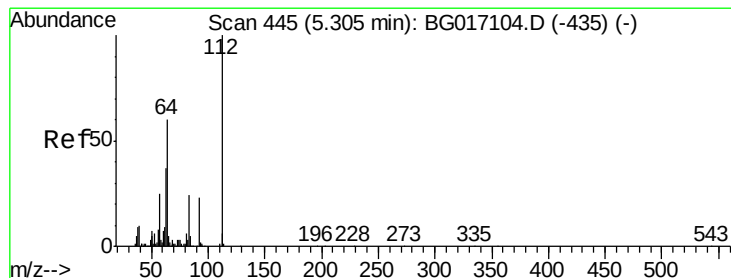
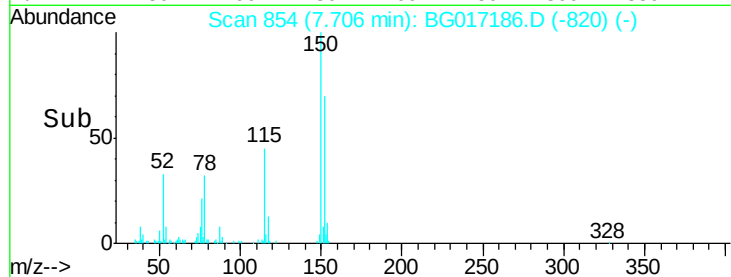
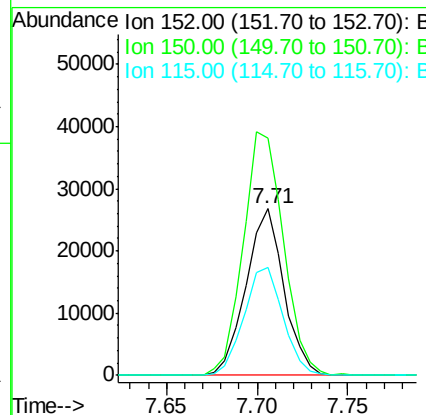
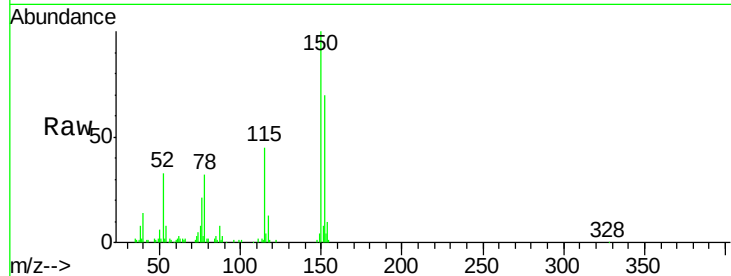


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Instrument :
BNA_G
ClientSampleId :
MW12

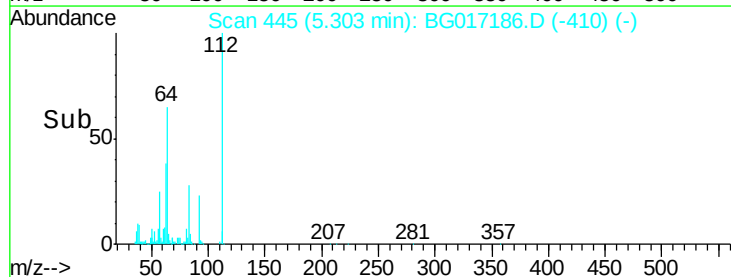
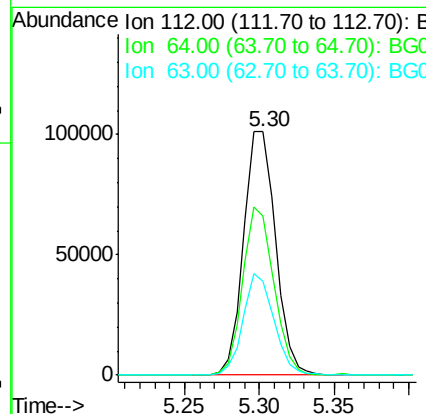
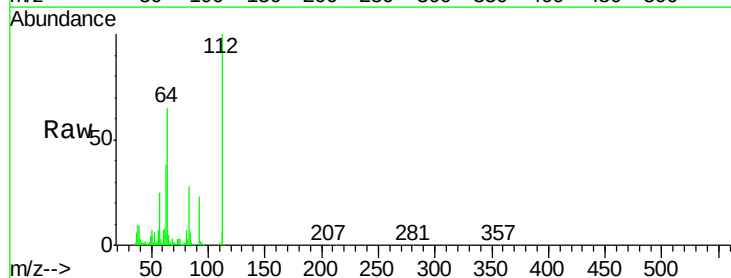
Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.9	120.8	181.2
115	64.7	49.4	74.2

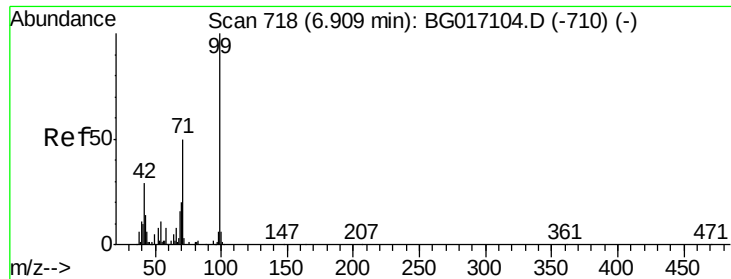


#5

2-Fluorophenol
Concen: 68.86 ng
RT: 5.30 min Scan# 445
Delta R.T. 0.01 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	48.1	72.1
63	38.3	29.8	44.8





#7

Phenol-d6

Concen: 41.69 ng

RT: 6.91 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG017186.D

Acq: 15 May 2015 21:17

Instrument :

BNA_G

ClientSampleId :

MW12

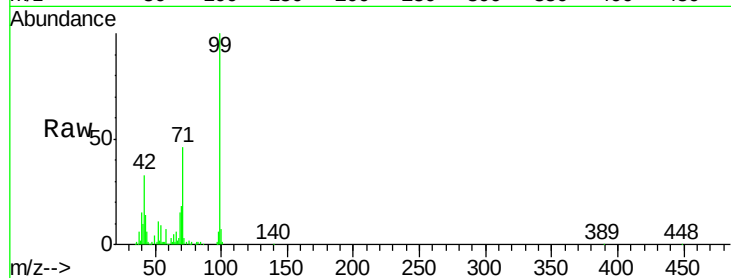
Tgt Ion: 99 Resp: 127902

Ion Ratio Lower Upper

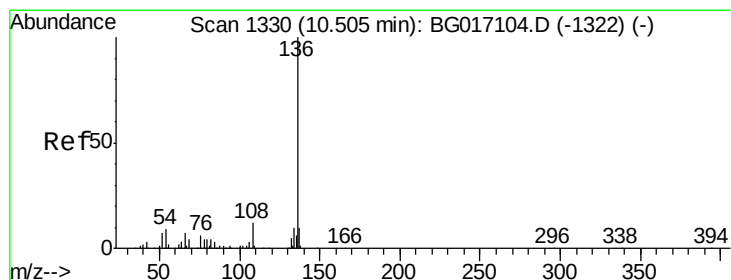
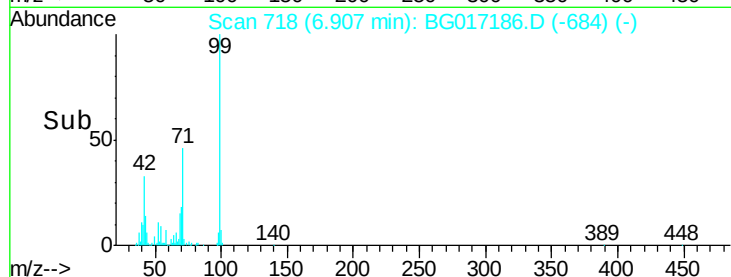
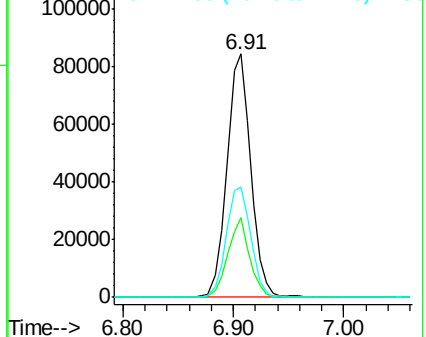
99 100

42 32.6 23.5 35.3

71 45.5 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. -0.01 min

Lab File: BG017186.D

Acq: 15 May 2015 21:17

Tgt Ion: 136 Resp: 163106

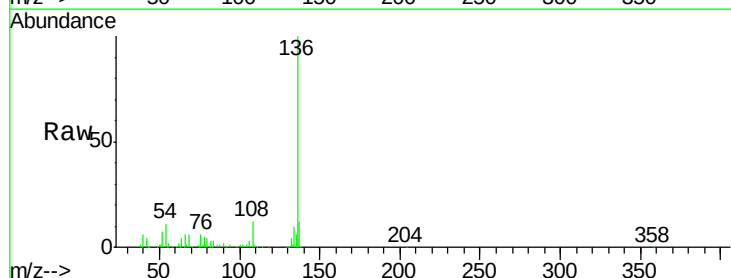
Ion Ratio Lower Upper

136 100

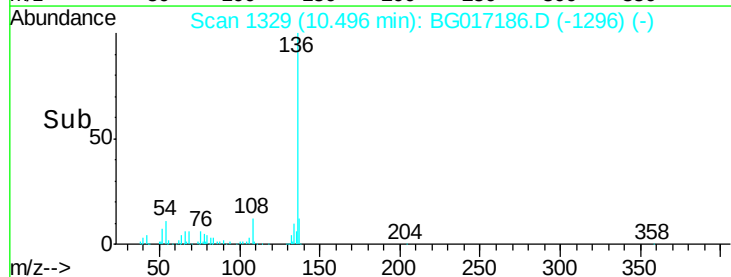
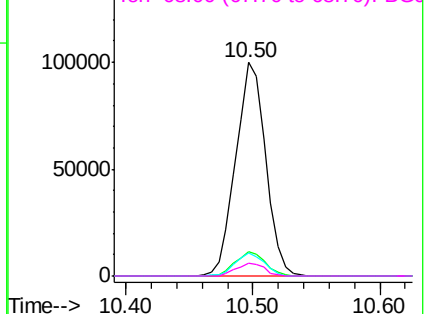
137 11.6 8.3 12.5

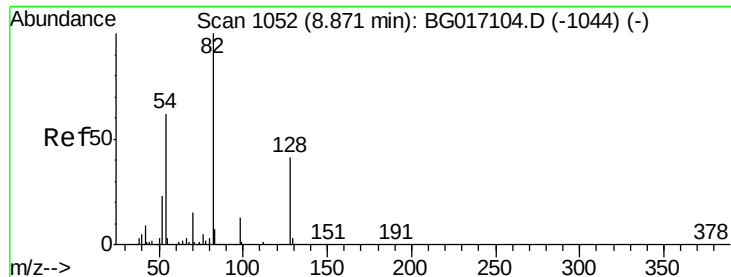
54 11.0 7.4 11.2

68 5.9 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

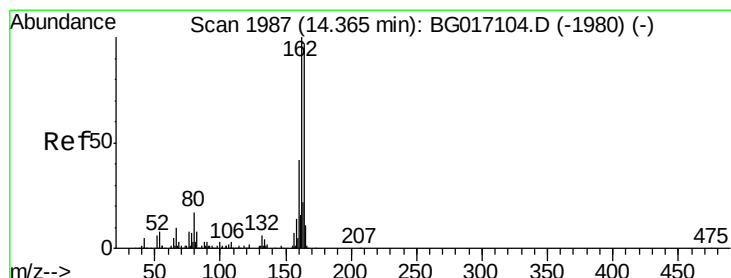
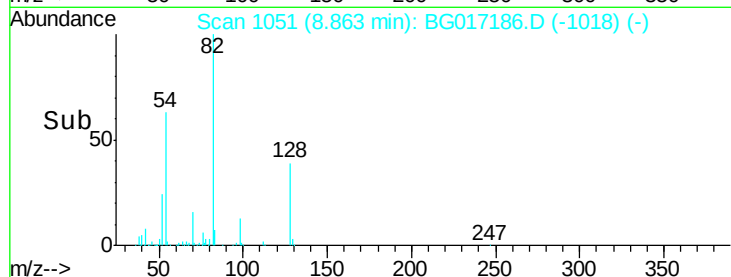
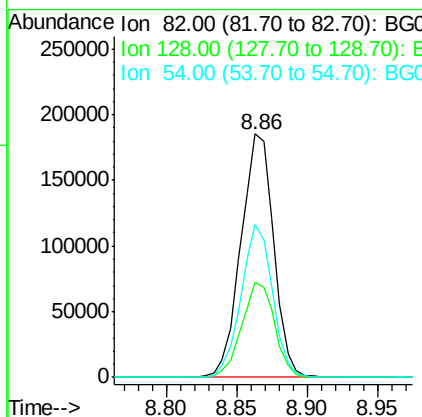
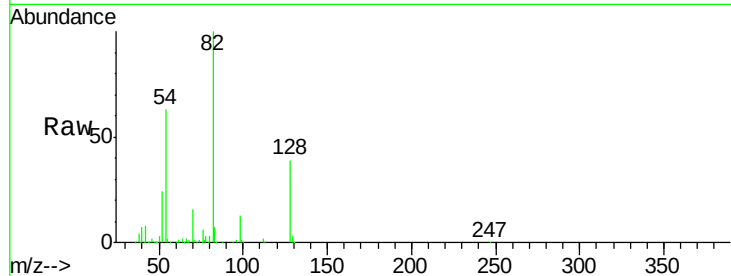




#23
 Nitrobenzene-d5
 Concen: 86.14 ng
 RT: 8.86 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG017186.D
 Acq: 15 May 2015 21:17

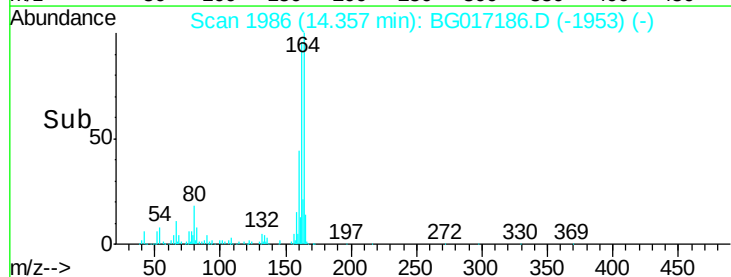
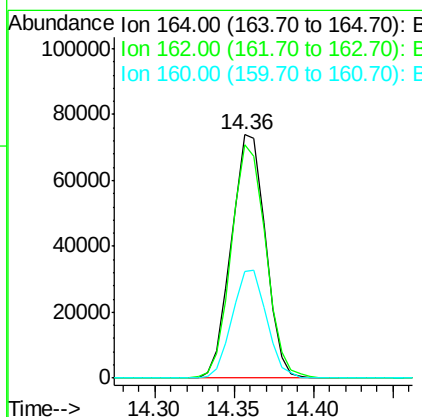
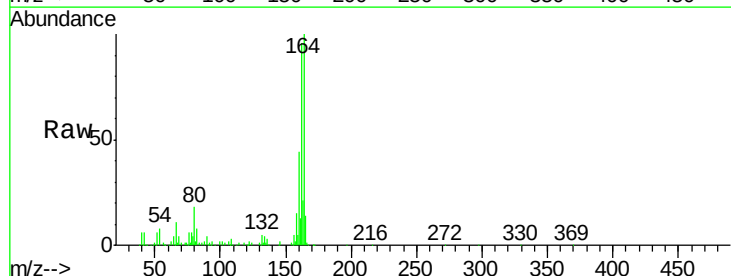
Instrument :
 BNA_G
 ClientSampleId :
 MW12

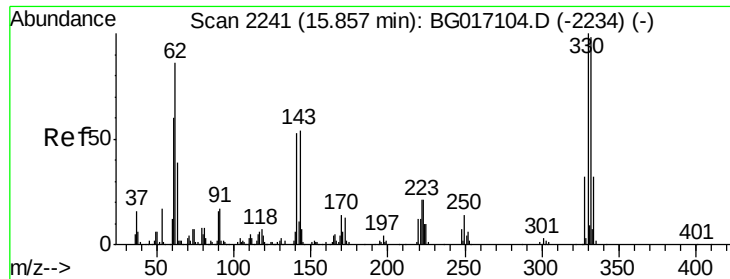
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.3	32.6	49.0
54	62.5	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.36 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG017186.D
 Acq: 15 May 2015 21:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.0	82.1	123.1
160	43.7	34.8	52.2

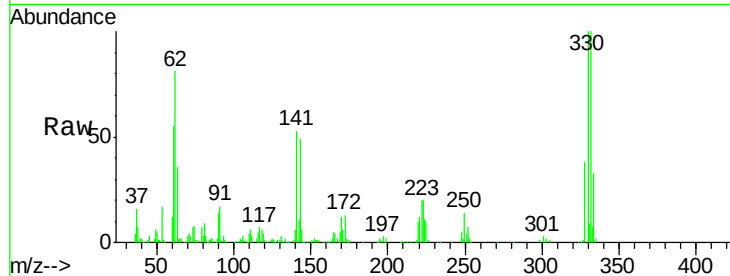




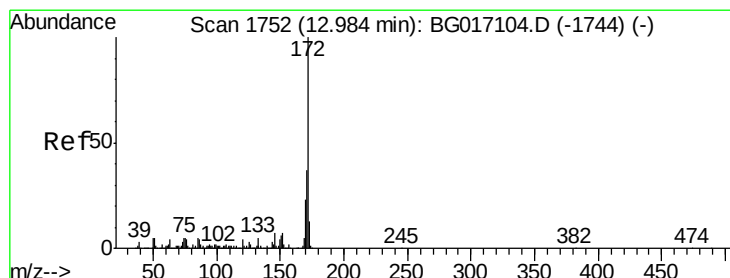
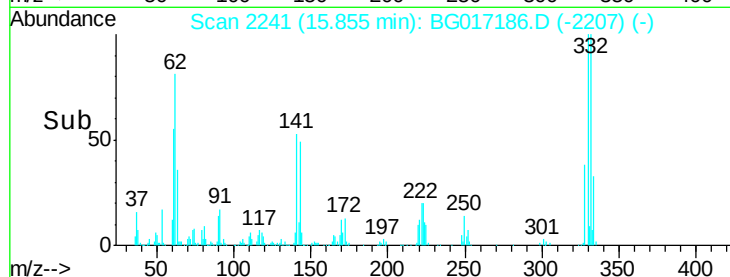
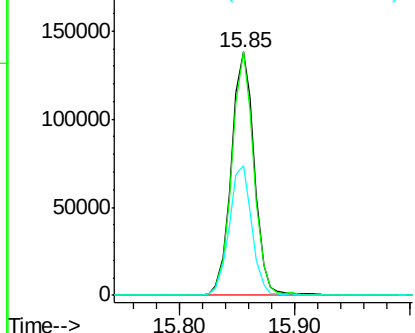
#41
 2,4,6-Tribromophenol
 Concen: 142.09 ng
 RT: 15.85 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG017186.D
 Acq: 15 May 2015 21:17

Instrument :
 BNA_G
 ClientSampleId :
 MW12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	52.6	42.2	63.2

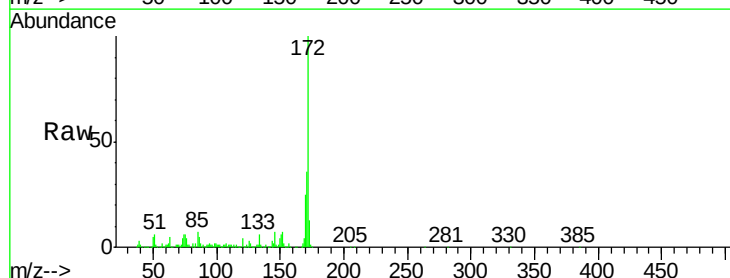


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

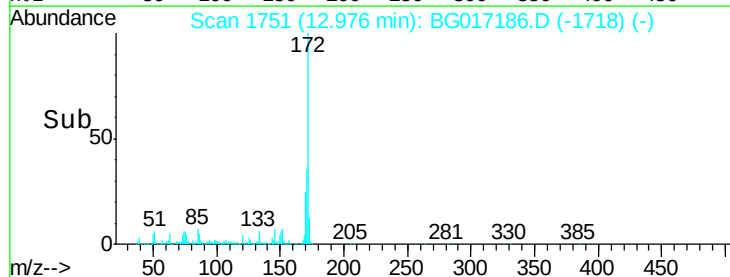
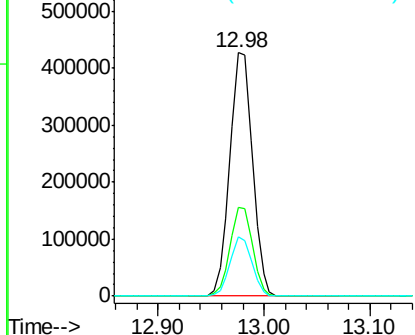


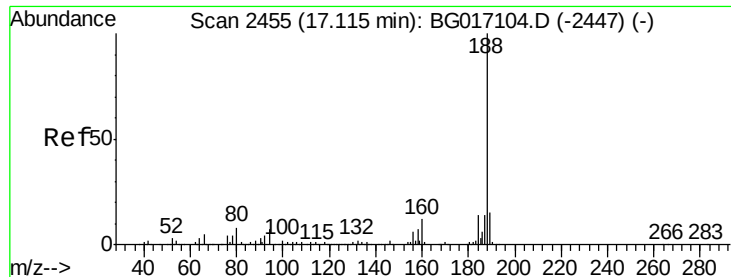
#44
 2-Fluorobiphenyl
 Concen: 84.08 ng
 RT: 12.98 min Scan# 1751
 Delta R.T. -0.01 min
 Lab File: BG017186.D
 Acq: 15 May 2015 21:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.6	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

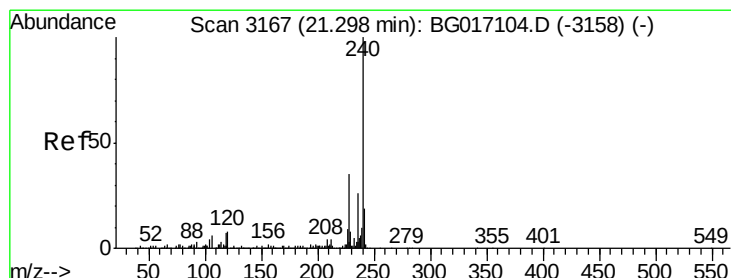
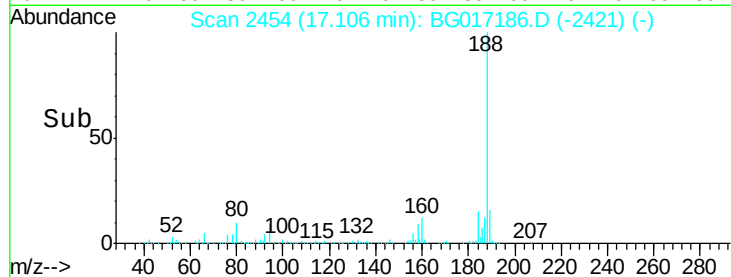
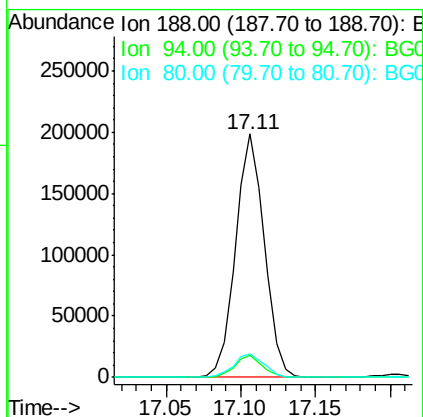
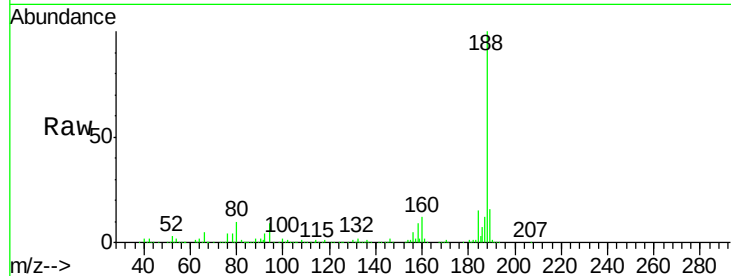




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

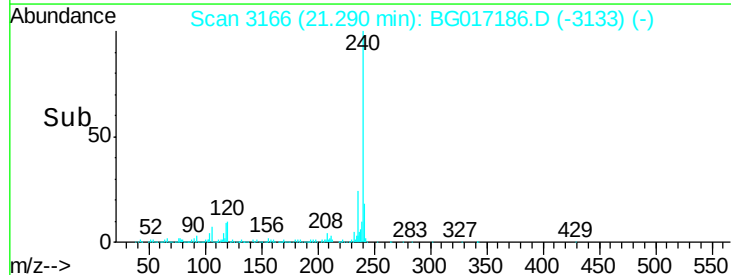
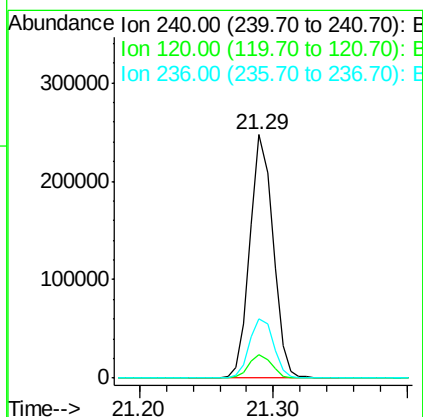
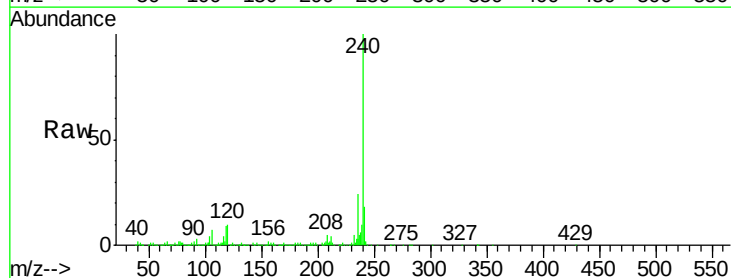
Instrument :
BNA_G
ClientSampleId :
MW12

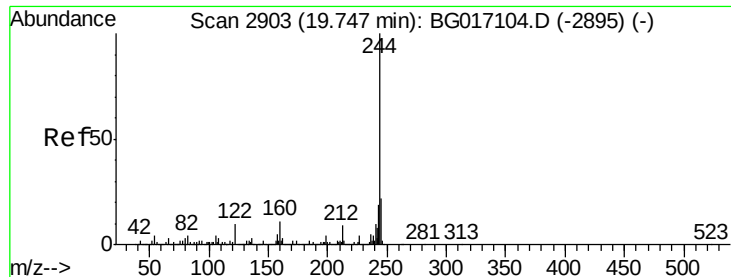
Tgt Ion:188 Resp: 265492
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.6#
80 9.7 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG017186.D
Acq: 15 May 2015 21:17

Tgt Ion:240 Resp: 296152
Ion Ratio Lower Upper
240 100
120 9.5 6.0 9.0#
236 24.3 20.5 30.7





#78

Terphenyl-d14

Concen: 78.00 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG017186.D

Acq: 15 May 2015 21:17

Instrument :

BNA_G

ClientSampleId :

MW12

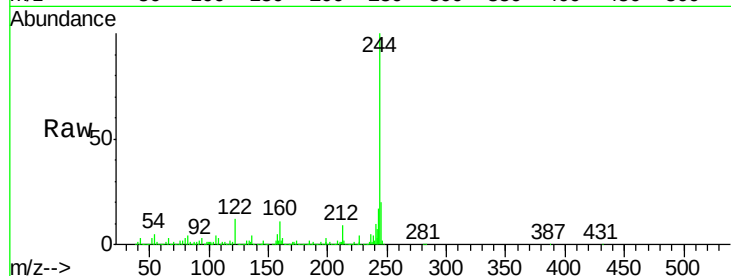
Tgt Ion:244 Resp: 1108550

Ion Ratio Lower Upper

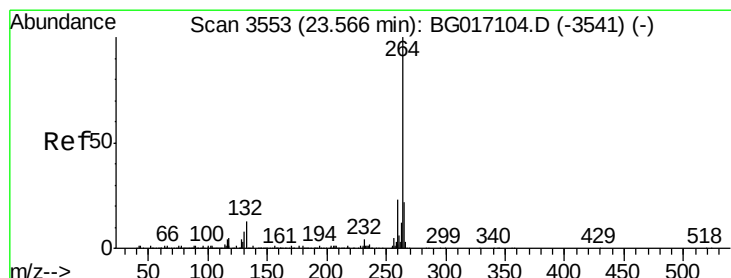
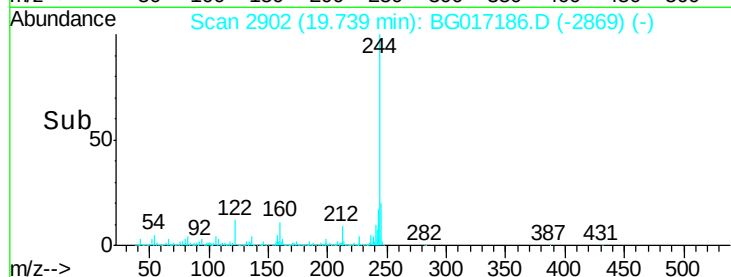
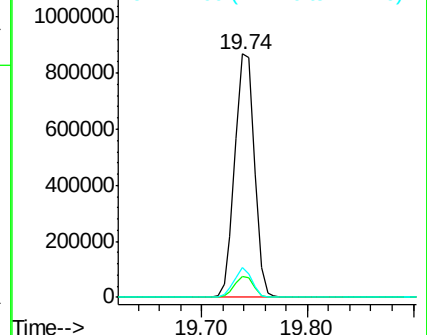
244 100

212 8.7 7.0 10.4

122 12.3 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: 23.56 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BG017186.D

Acq: 15 May 2015 21:17

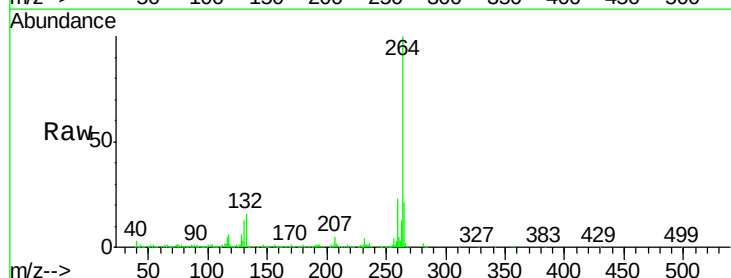
Tgt Ion:264 Resp: 290418

Ion Ratio Lower Upper

264 100

260 22.9 18.0 27.0

265 20.6 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

