

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017128.D
 Acq On : 14 May 2015 3:52
 Operator : TP/IZ
 Sample : G2201-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWB

Quant Time: May 14 05:04:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 03:58:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	51385	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	232226	20.00	ng	0.00
38) Acenaphthene-d10	14.36	164	152763	20.00	ng	0.00
63) Phenanthrene-d10	17.11	188	349399	20.00	ng	0.00
75) Chrysene-d12	21.30	240	353570	20.00	ng	0.00
86) Perylene-d12	23.56	264	351528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	179367	61.93	ng	0.00
7) Phenol-d6	6.90	99	159803	39.32	ng	0.00
23) Nitrobenzene-d5	8.87	82	397436	79.90	ng	0.00
41) 2,4,6-Tribromophenol	15.86	330	245776	133.09	ng	0.00
44) 2-Fluorobiphenyl	12.98	172	828381	79.57	ng	0.00
78) Terphenyl-d14	19.74	244	1134283	66.85	ng	0.00

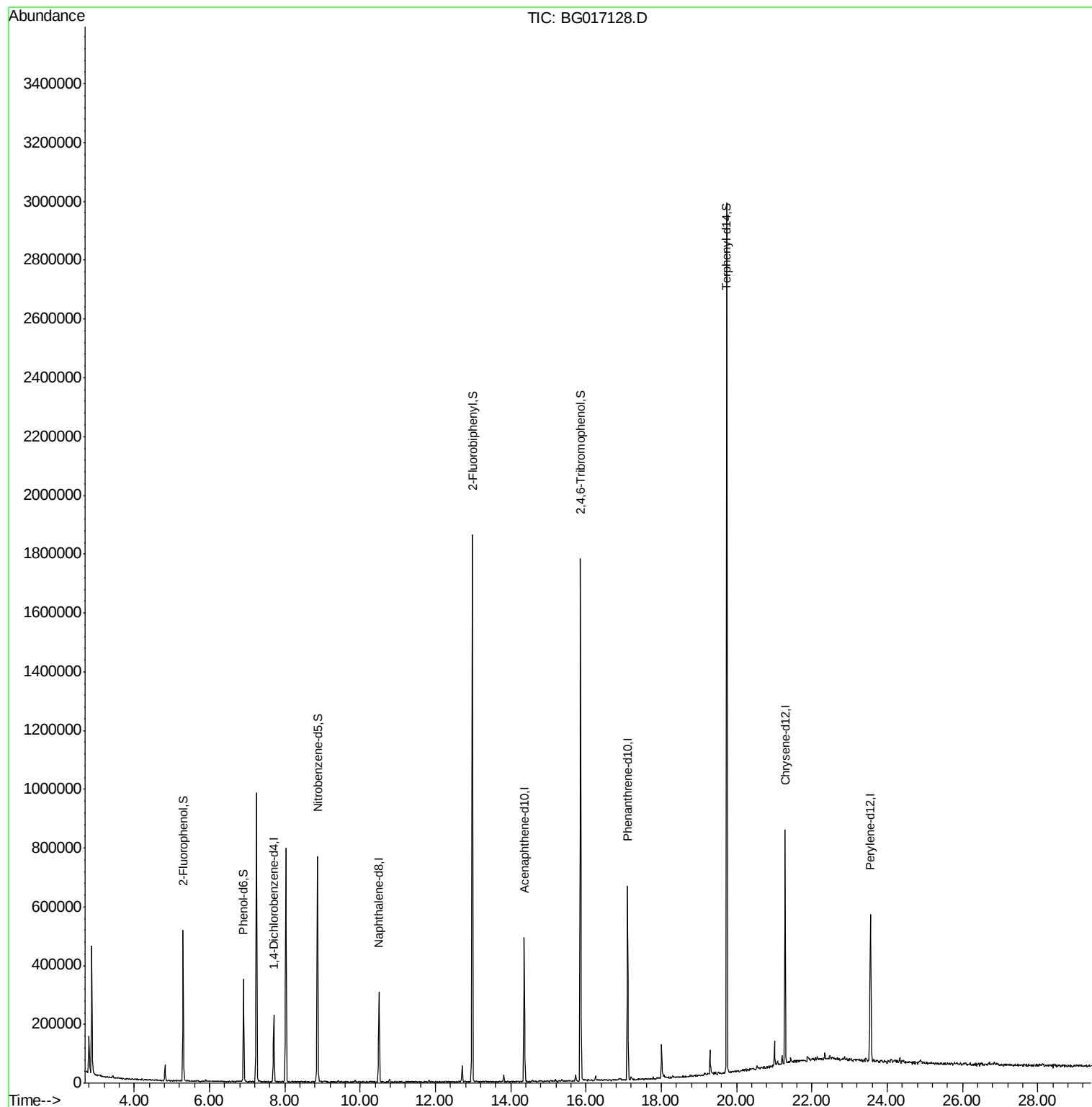
Target Compounds	Qvalue
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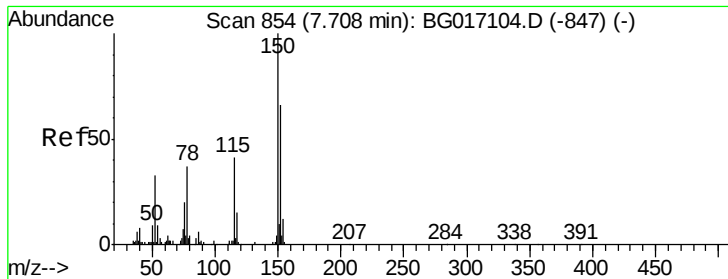
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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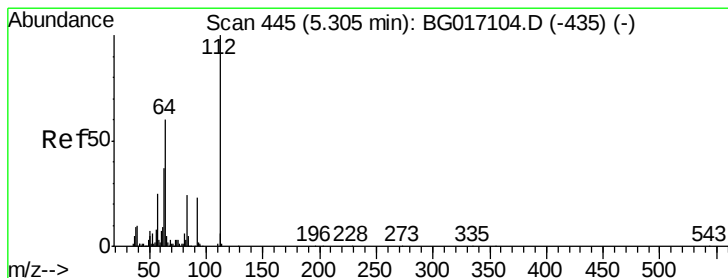
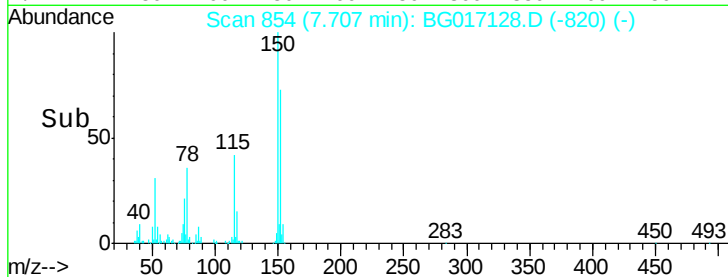
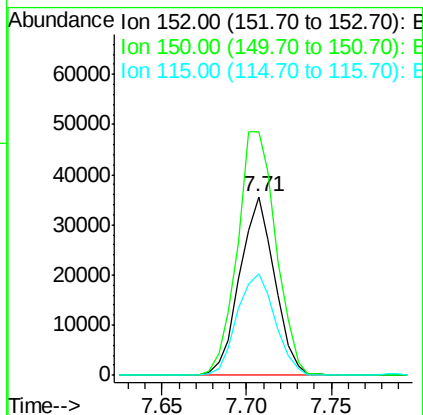
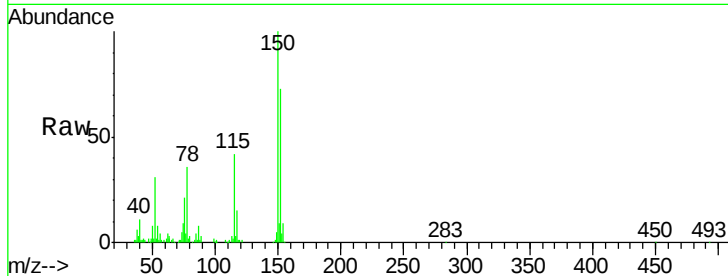


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG017128.D
Acq: 14 May 2015 3:52

Instrument :
BNA_G
ClientSampleId :
MWB

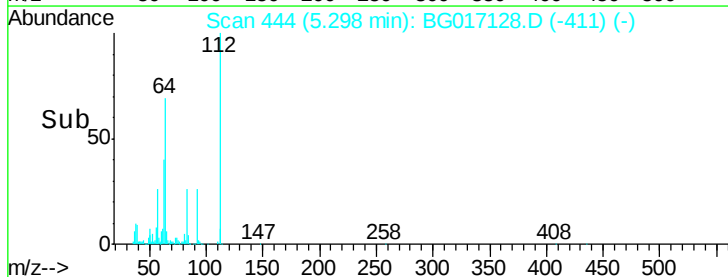
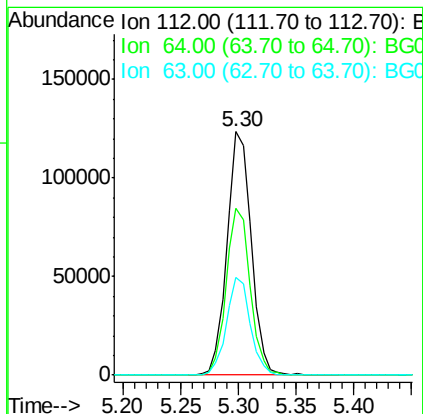
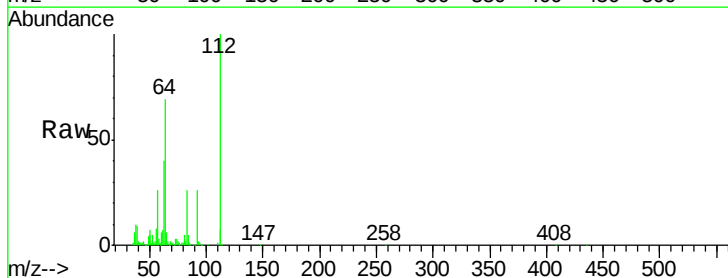
Tgt Ion	Ratio	Lower	Upper
152	100		
150	136.1	120.8	181.2
115	56.8	49.4	74.2

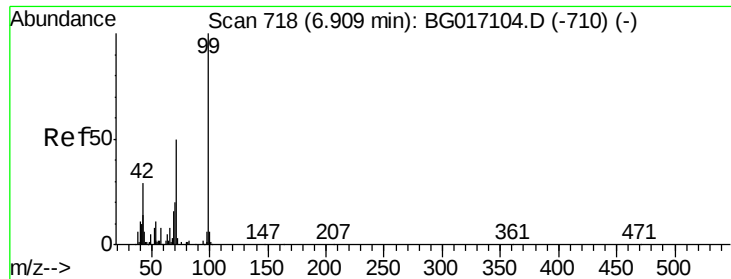


#5

2-Fluorophenol
Concen: 61.93 ng
RT: 5.30 min Scan# 444
Delta R.T. -0.01 min
Lab File: BG017128.D
Acq: 14 May 2015 3:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	48.1	72.1
63	40.0	29.8	44.8





#7

Phenol-d6

Concen: 39.32 ng

RT: 6.90 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG017128.D

Acq: 14 May 2015 3:52

Instrument :

BNA_G

ClientSampleId :

MWB

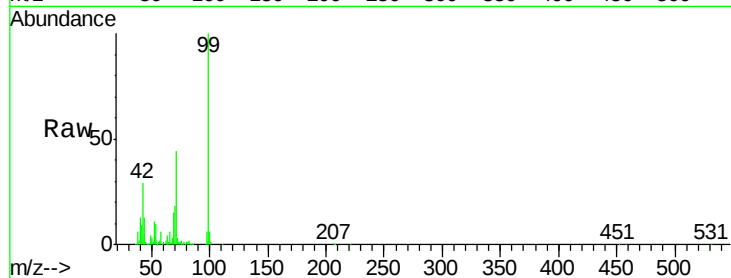
Tgt Ion: 99 Resp: 159803

Ion Ratio Lower Upper

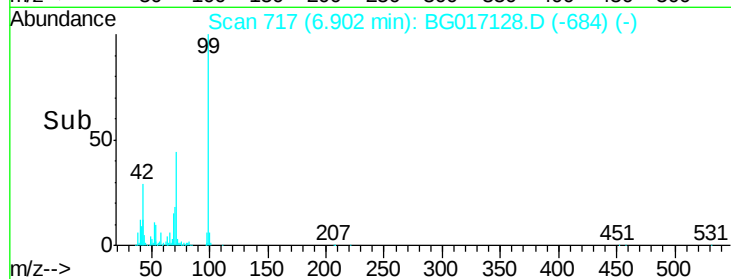
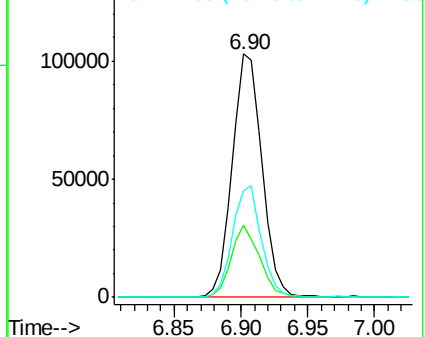
99 100

42 29.5 23.5 35.3

71 44.0 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: 10.50 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BG017128.D

Acq: 14 May 2015 3:52

Tgt Ion: 136 Resp: 232226

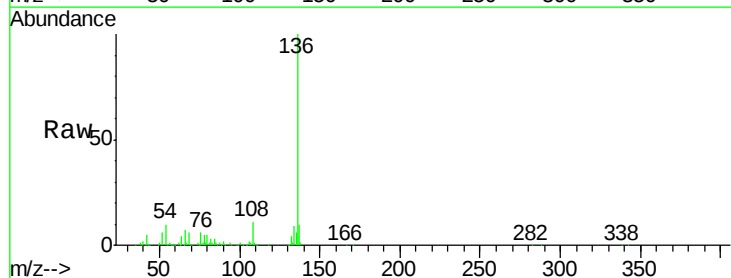
Ion Ratio Lower Upper

136 100

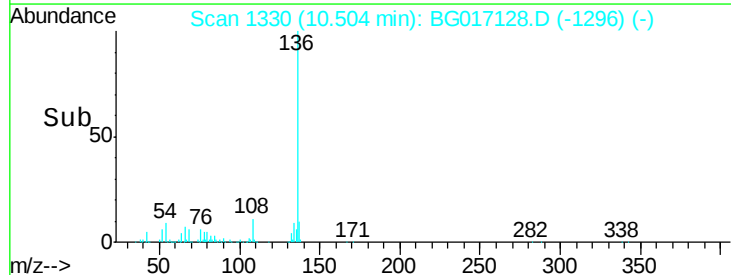
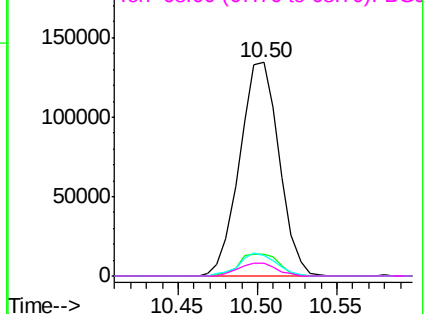
137 10.0 8.3 12.5

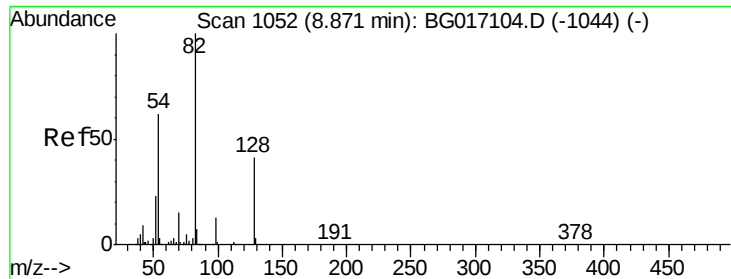
54 9.6 7.4 11.2

68 6.2 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: 79.90 ng

RT: 8.87 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BG017128.D

Acq: 14 May 2015 3:52

Instrument :

BNA_G

ClientSampleId :

MWB

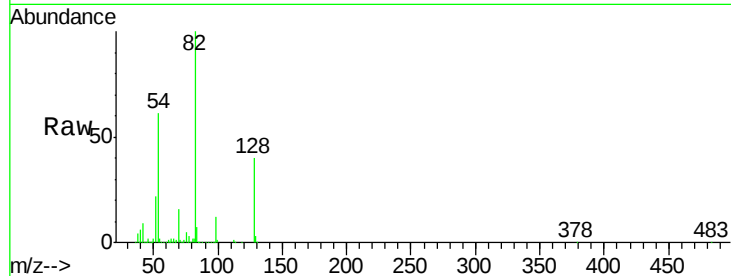
Tgt Ion: 82 Resp: 397436

Ion Ratio Lower Upper

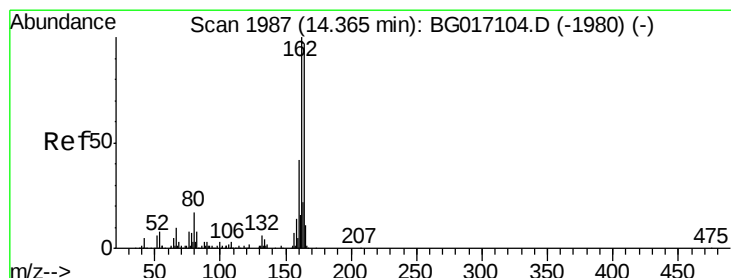
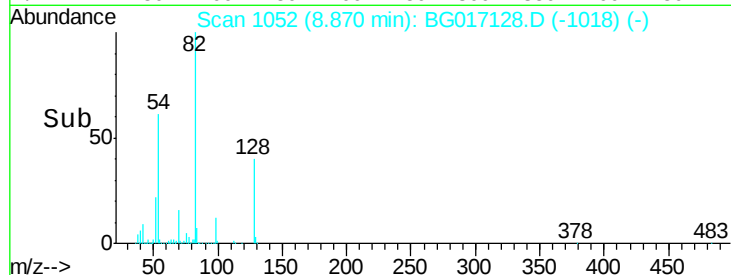
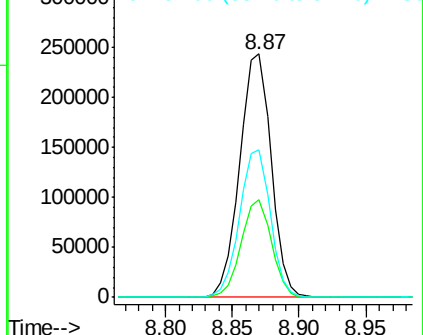
82 100

128 39.9 32.6 49.0

54 60.5 49.6 74.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG017128.D

Acq: 14 May 2015 3:52

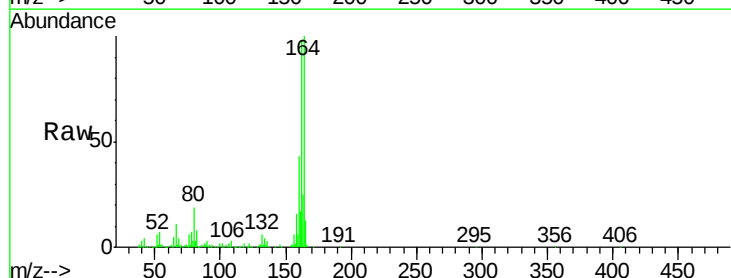
Tgt Ion: 164 Resp: 152763

Ion Ratio Lower Upper

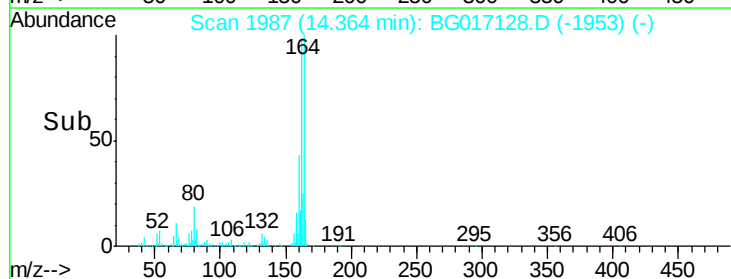
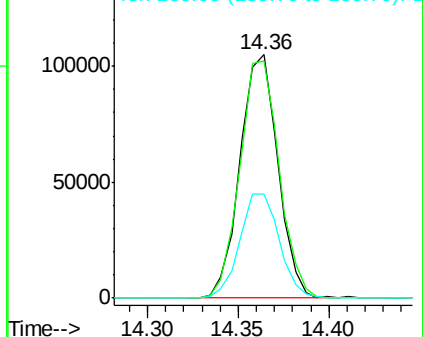
164 100

162 97.7 82.1 123.1

160 42.9 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

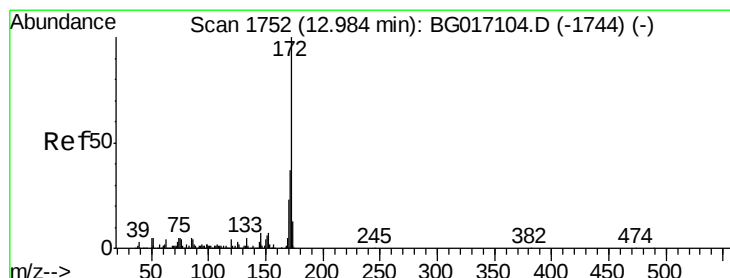
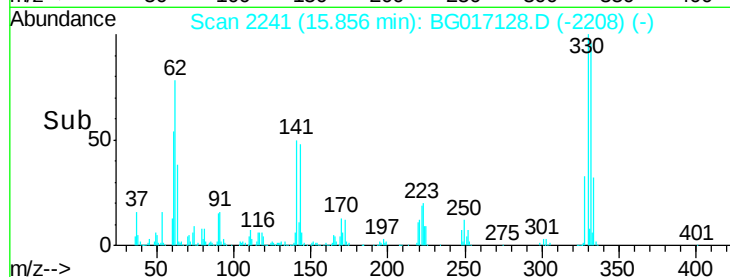
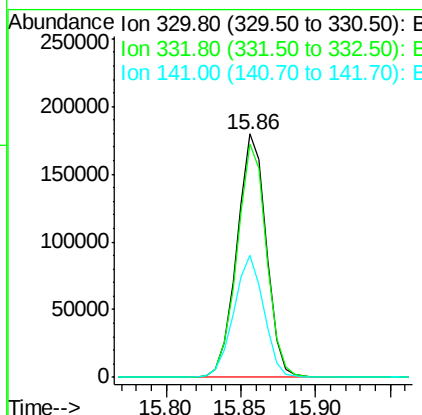
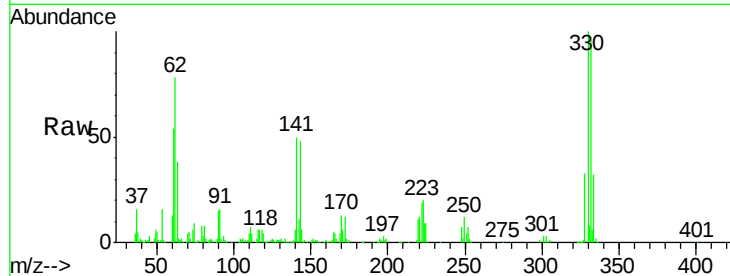




#41
 2,4,6-Tribromophenol
 Concen: 133.09 ng
 RT: 15.86 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BG017128.D
 Acq: 14 May 2015 3:52

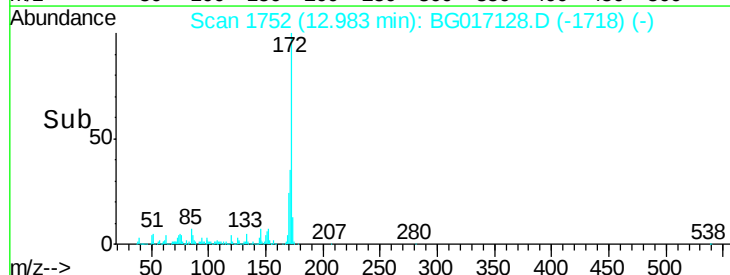
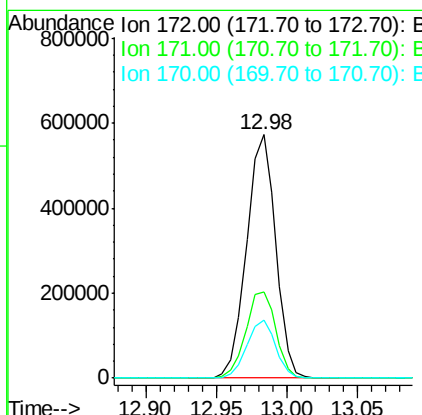
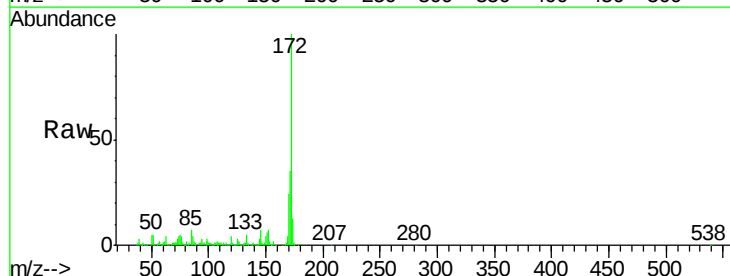
Instrument :
 BNA_G
 ClientSampleId :
 MWB

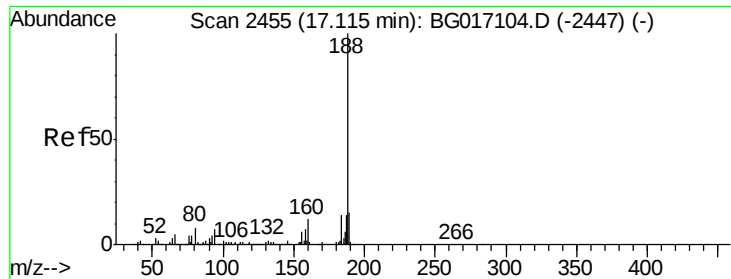
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.9	115.3
141	51.2	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 79.57 ng
 RT: 12.98 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BG017128.D
 Acq: 14 May 2015 3:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	24.1	18.4	27.6

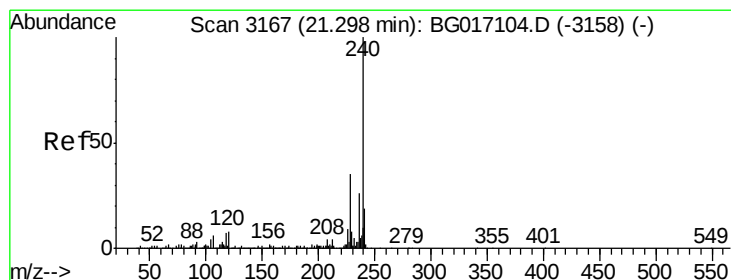
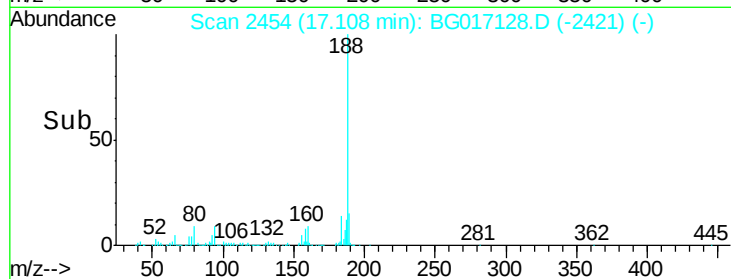
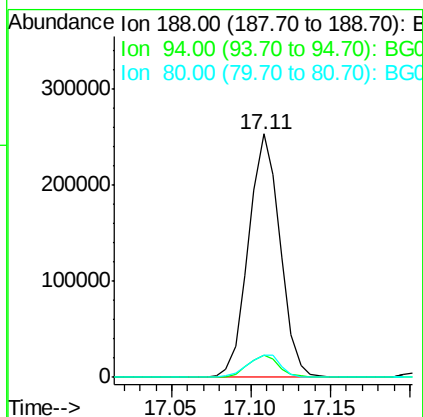
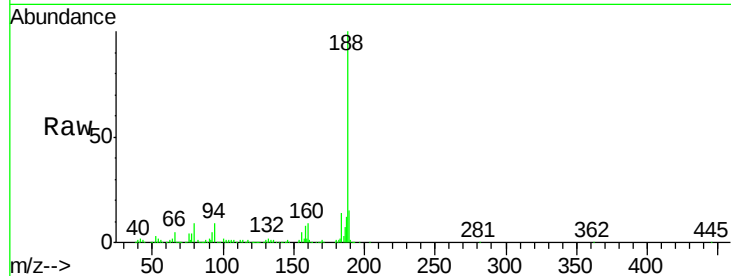




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.11 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG017128.D
Acq: 14 May 2015 3:52

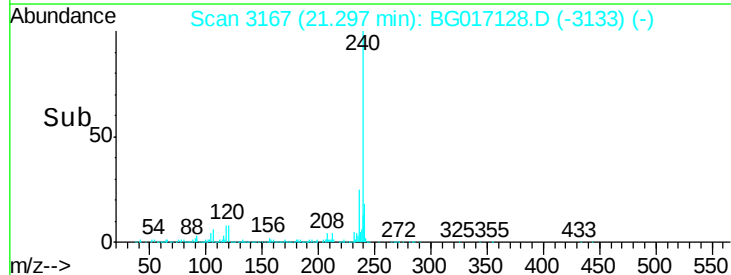
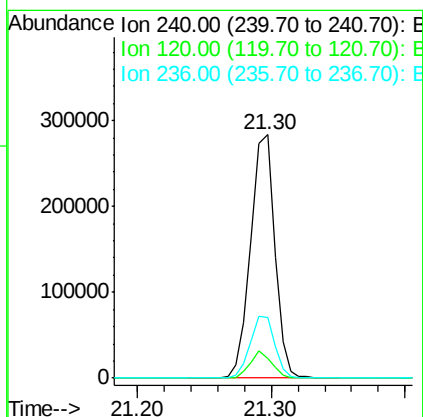
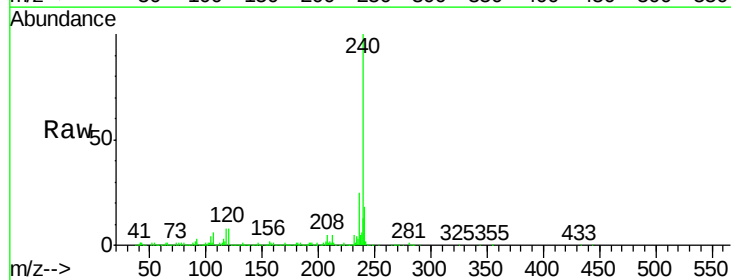
Instrument :
BNA_G
ClientSampleId :
MWB

Tgt Ion:188 Resp: 349399
Ion Ratio Lower Upper
188 100
94 9.3 5.8 8.6#
80 9.3 6.5 9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.30 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BG017128.D
Acq: 14 May 2015 3:52

Tgt Ion:240 Resp: 353570
Ion Ratio Lower Upper
240 100
120 8.1 6.0 9.0
236 24.7 20.5 30.7

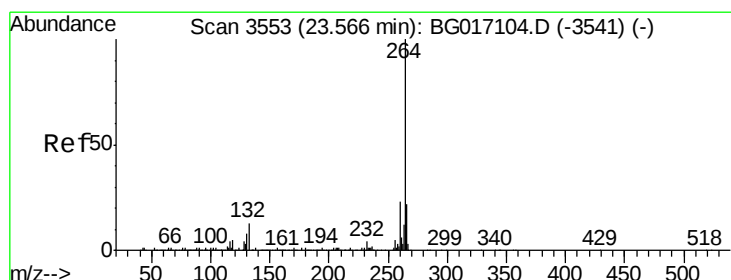
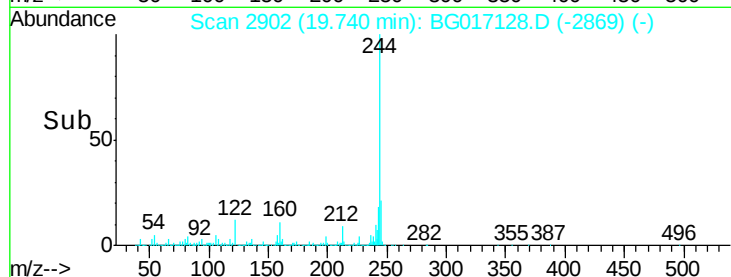
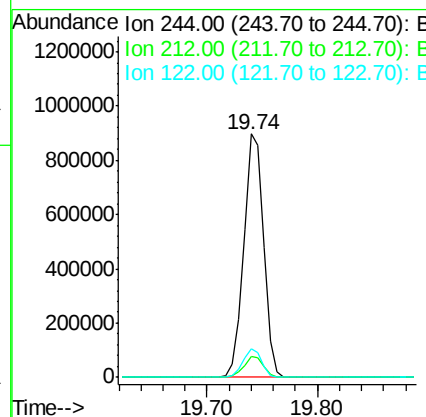
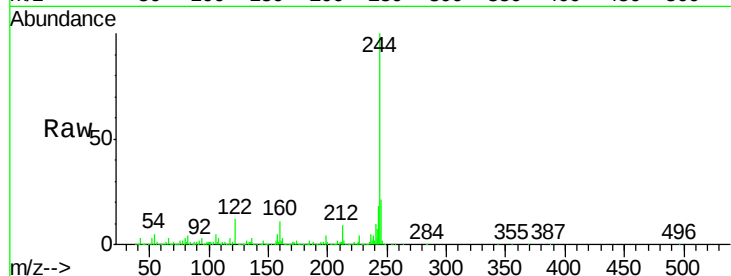




#78
 Terphenyl-d14
 Concen: 66.85 ng
 RT: 19.74 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: BG017128.D
 Acq: 14 May 2015 3:52

Instrument :
 BNA_G
 ClientSampleId :
 MWB

Tgt Ion:244 Resp: 1134283
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.4
 122 12.0 8.4 12.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.56 min Scan# 3552
 Delta R.T. -0.01 min
 Lab File: BG017128.D
 Acq: 14 May 2015 3:52

Tgt Ion:264 Resp: 351528
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.0 27.0
 265 20.4 17.4 26.0

