

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051915\
 Data File : BG017207.D
 Acq On : 19 May 2015 20:25
 Operator : TP/IZ
 Sample : G2278-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10(22-24)

Quant Time: May 20 02:37:25 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 02:03:07 2015
 Response via : Initial Calibration

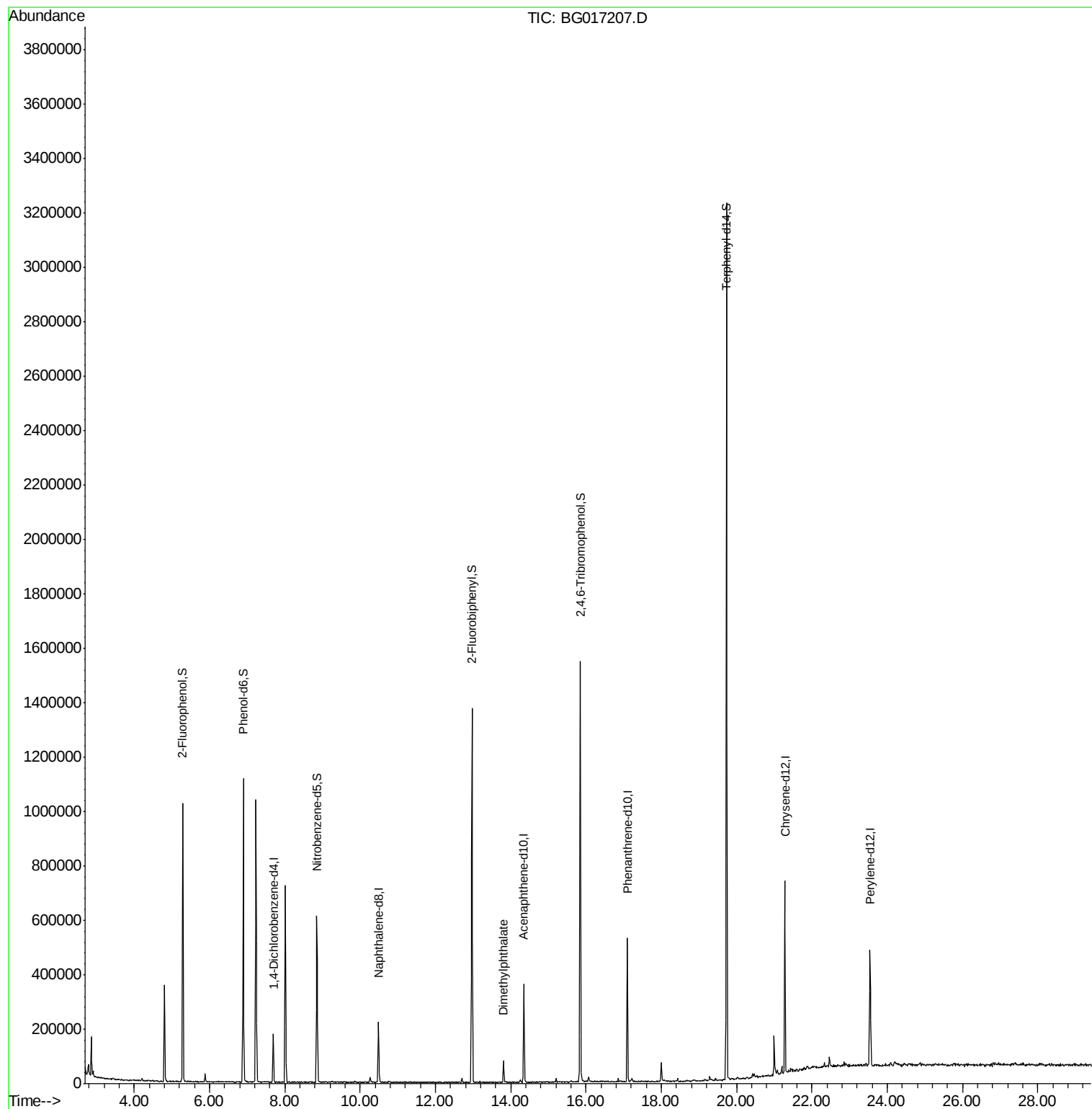
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	39117	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	160833	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	108147	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	267325	20.00	ng	0.00
75) Chrysene-d12	21.29	240	294407	20.00	ng	0.00
86) Perylene-d12	23.55	264	295146	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	353487	160.33	ng	0.00
7) Phenol-d6	6.90	99	480067	155.16	ng	0.00
23) Nitrobenzene-d5	8.86	82	315970	91.72	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	227331	173.89	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	624277	84.70	ng	0.00
78) Terphenyl-d14	19.73	244	1174022	83.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.81	163	43542	5.15	ng	Qvalue 99

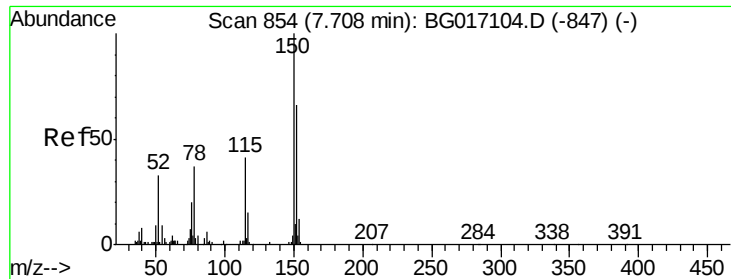
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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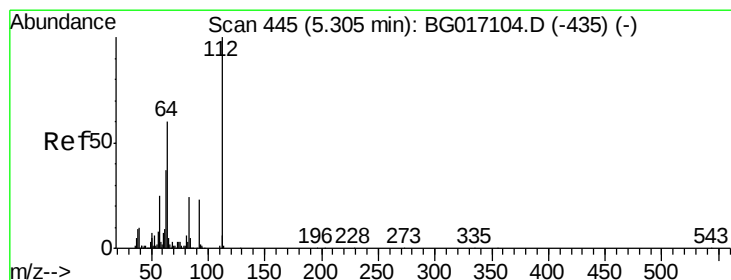
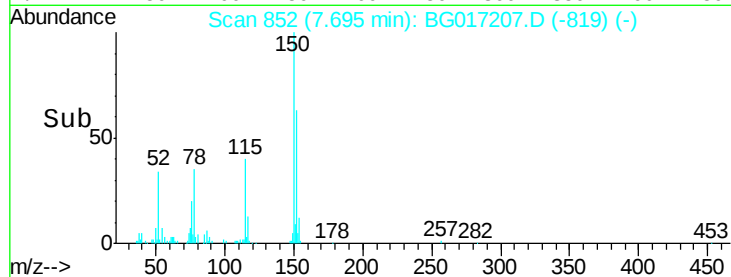
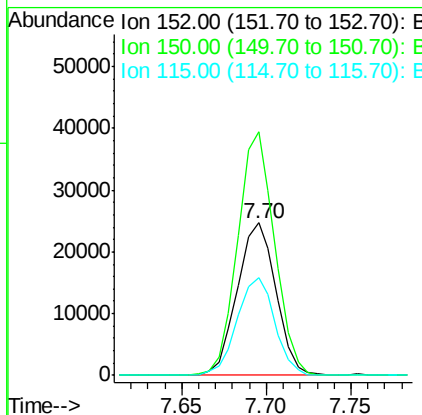
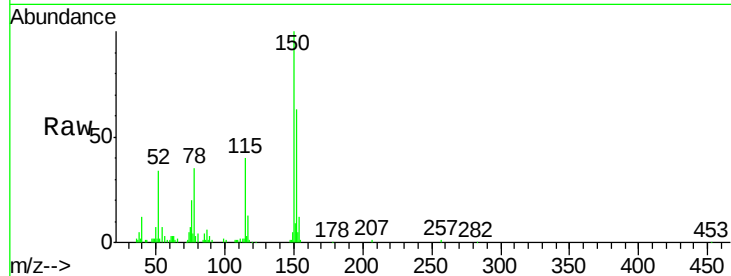


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG017207.D
Acq: 19 May 2015 20:25

Instrument :
BNA_G
ClientSampleId :
MW-10(22-24)

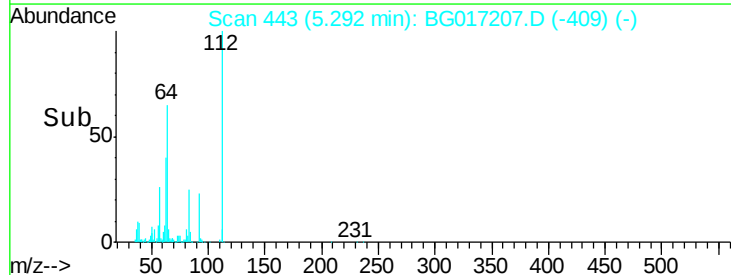
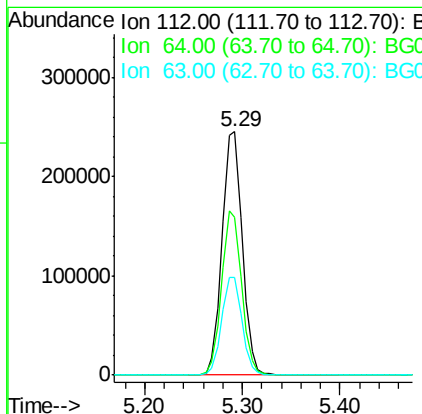
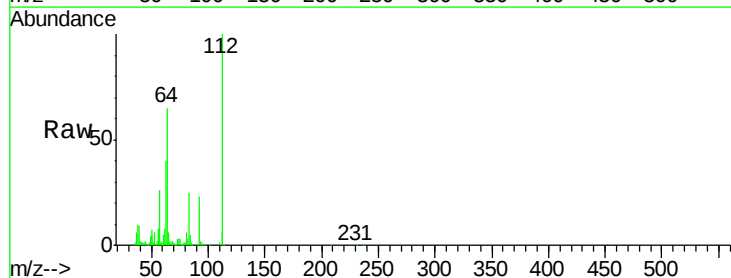
Tgt Ion:152 Resp: 39117
Ion Ratio Lower Upper
152 100
150 159.7 120.8 181.2
115 64.1 49.4 74.2

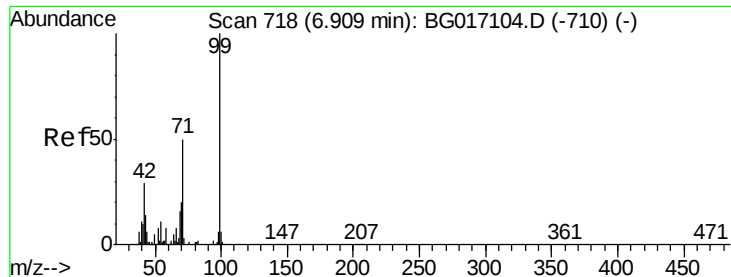


#5

2-Fluorophenol
Concen: 160.33 ng
RT: 5.29 min Scan# 443
Delta R.T. 0.00 min
Lab File: BG017207.D
Acq: 19 May 2015 20:25

Tgt Ion:112 Resp: 353487
Ion Ratio Lower Upper
112 100
64 64.7 48.1 72.1
63 40.3 29.8 44.8





#7

Phenol-d6

Concen: 155.16 ng

RT: 6.90 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG017207.D

Acq: 19 May 2015 20:25

Instrument :

BNA_G

ClientSampleId :

MW-10(22-24)

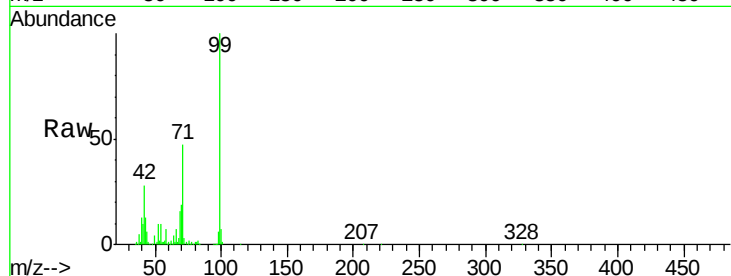
Tgt Ion: 99 Resp: 480067

Ion Ratio Lower Upper

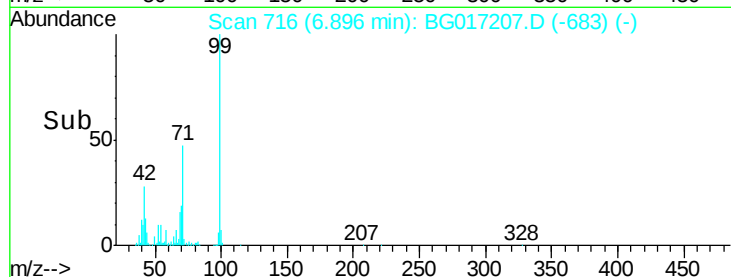
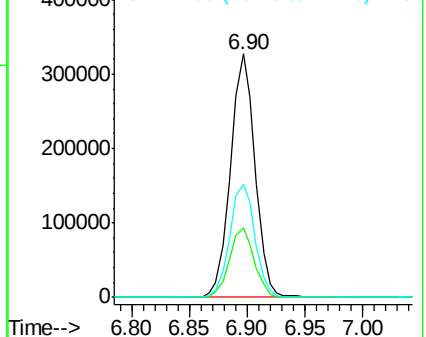
99 100

42 28.4 23.5 35.3

71 46.5 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: 10.49 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BG017207.D

Acq: 19 May 2015 20:25

Tgt Ion: 136 Resp: 160833

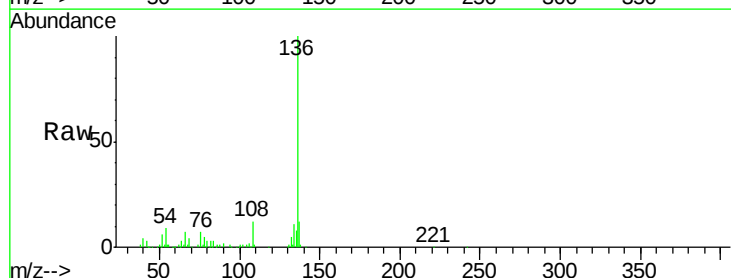
Ion Ratio Lower Upper

136 100

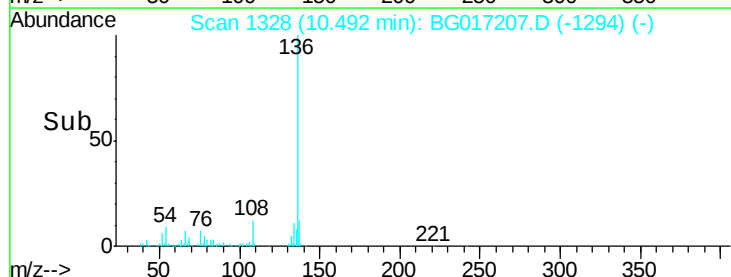
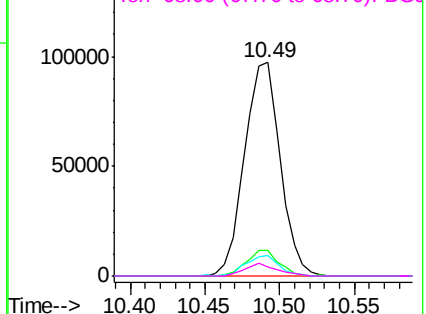
137 11.8 8.3 12.5

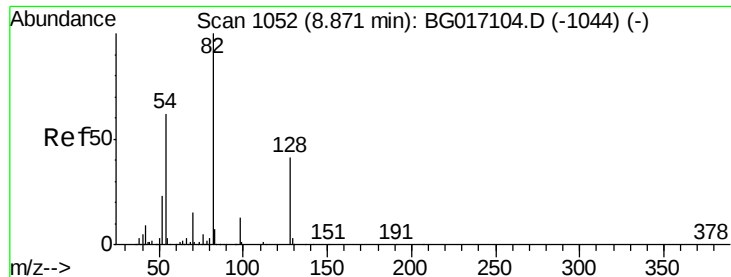
54 9.5 7.4 11.2

68 4.1 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: 91.72 ng

RT: 8.86 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BG017207.D

Acq: 19 May 2015 20:25

Instrument :

BNA_G

ClientSampleId :

MW-10(22-24)

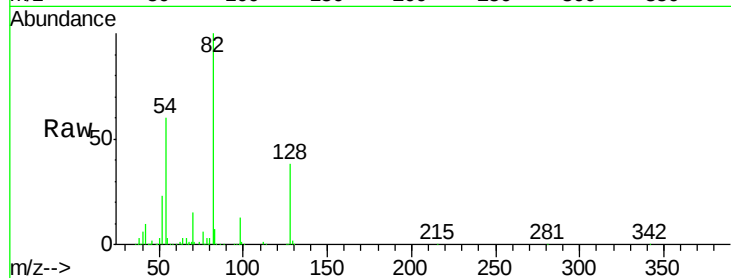
Tgt Ion: 82 Resp: 315970

Ion Ratio Lower Upper

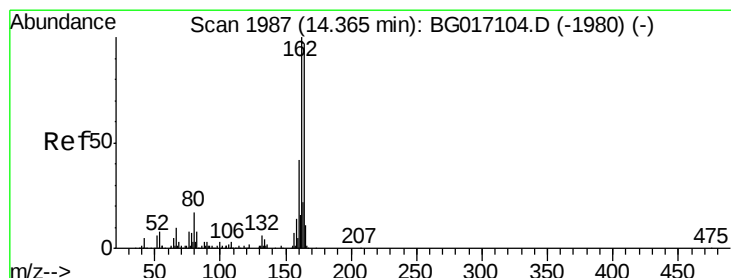
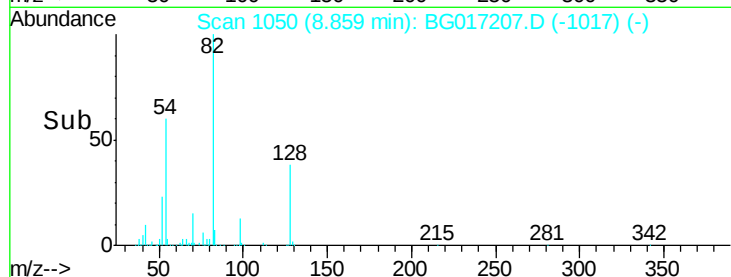
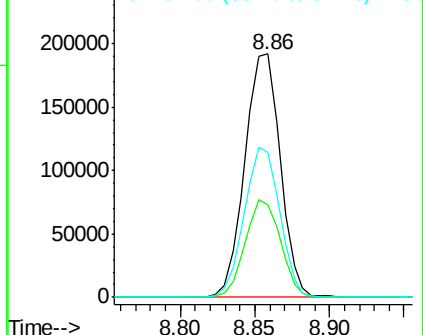
82 100

128 38.1 32.6 49.0

54 59.6 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: 14.35 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG017207.D

Acq: 19 May 2015 20:25

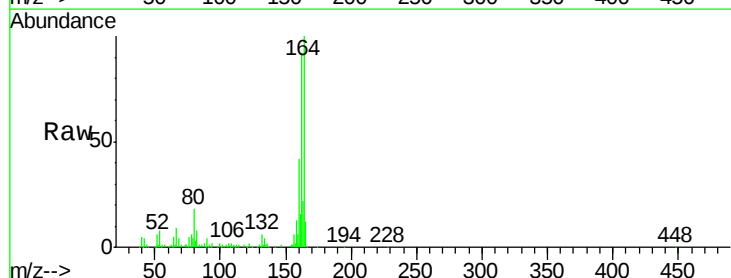
Tgt Ion: 164 Resp: 108147

Ion Ratio Lower Upper

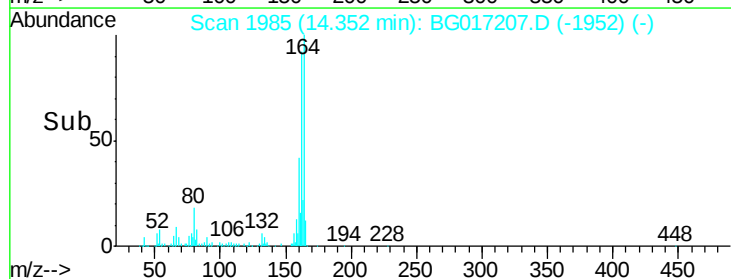
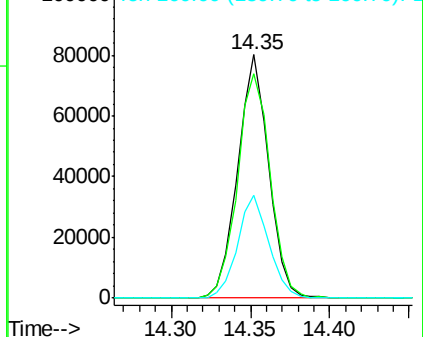
164 100

162 92.1 82.1 123.1

160 42.0 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

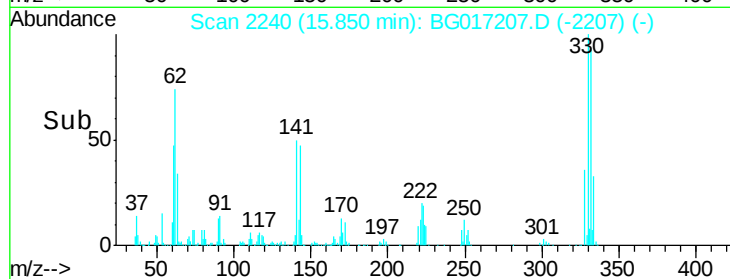
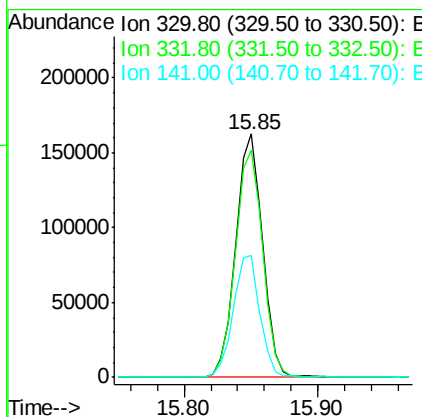
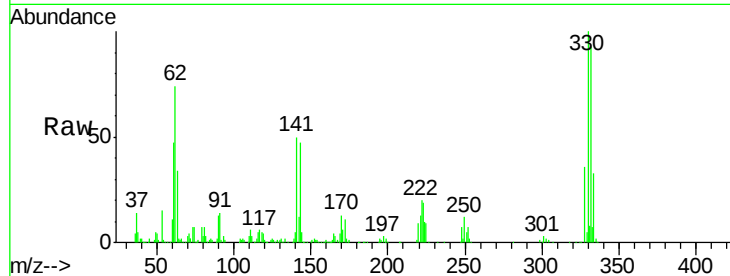




#41
 2,4,6-Tribromophenol
 Concen: 173.89 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BG017207.D
 Acq: 19 May 2015 20:25

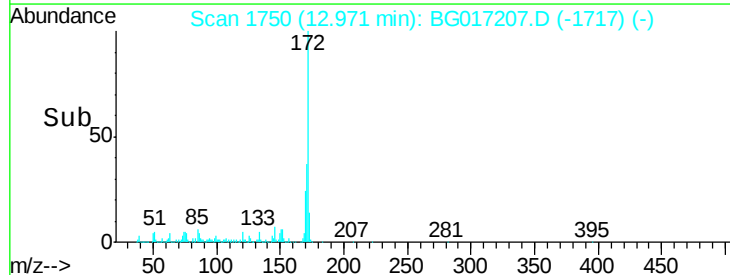
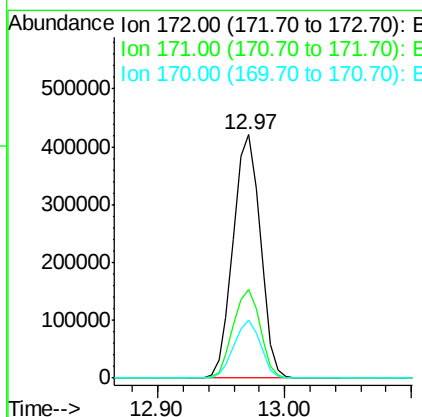
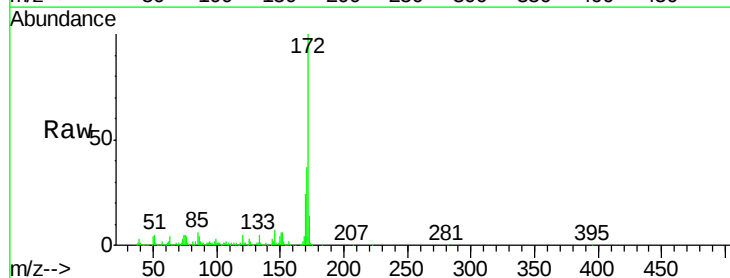
Instrument :
 BNA_G
 ClientSampleId :
 MW-10(22-24)

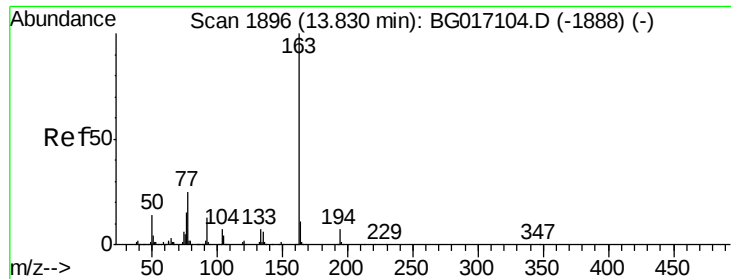
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	50.0	42.2	63.2



#44
 2-Fluorobiphenyl
 Concen: 84.70 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG017207.D
 Acq: 19 May 2015 20:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	18.4	27.6





#49

Dimethylphthalate

Concen: 5.15 ng

RT: 13.81 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG017207.D

Acq: 19 May 2015 20:25

Instrument :

BNA_G

ClientSampleId :

MW-10(22-24)

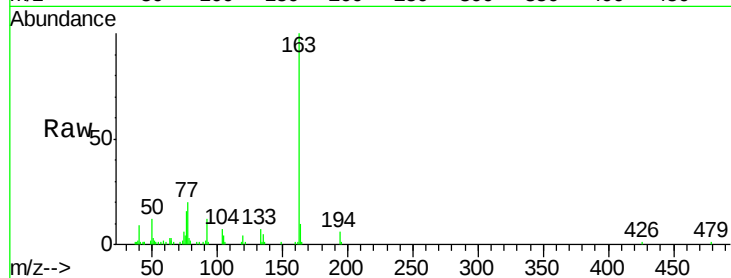
Tgt Ion:163 Resp: 43542

Ion Ratio Lower Upper

163 100

194 5.9 5.6 8.4

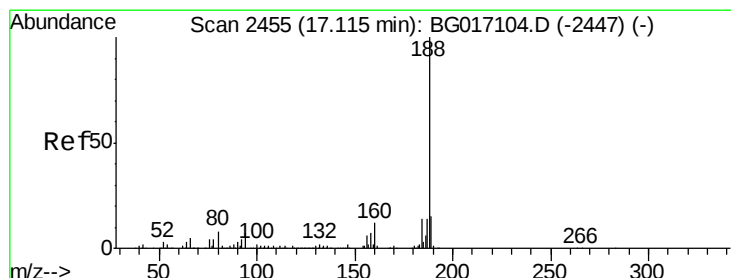
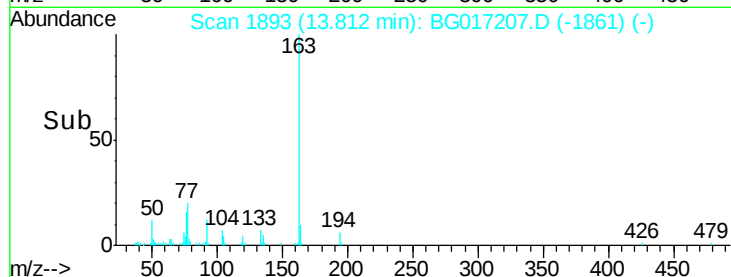
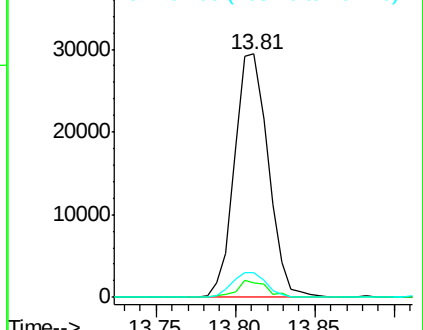
164 10.8 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.10 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG017207.D

Acq: 19 May 2015 20:25

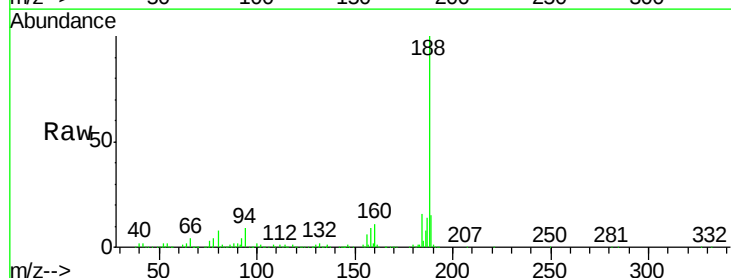
Tgt Ion:188 Resp: 267325

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.6

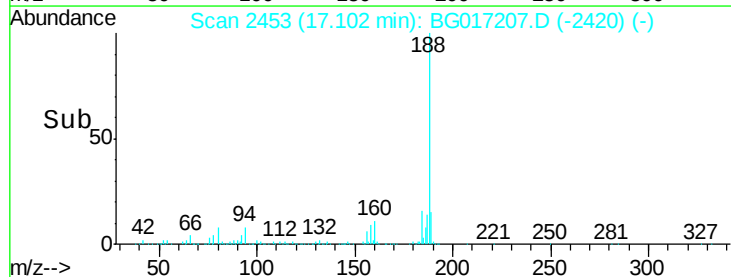
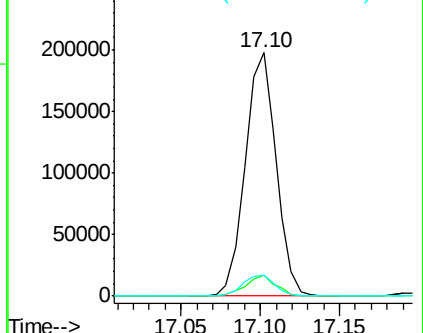
80 8.4 6.5 9.7



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# 3165

Delta R.T. -0.01 min

Lab File: BG017207.D

Acq: 19 May 2015 20:25

Instrument :

BNA_G

ClientSampleId :

MW-10(22-24)

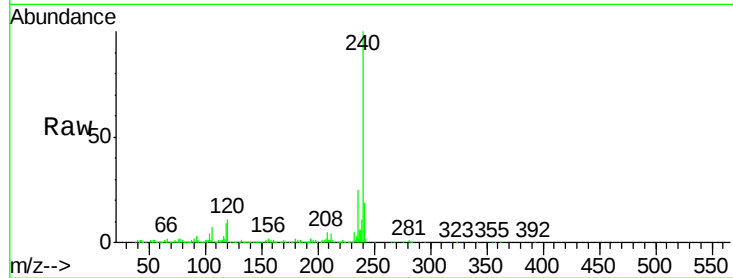
Tgt Ion:240 Resp: 294407

Ion Ratio Lower Upper

240 100

120 10.8 6.0 9.0#

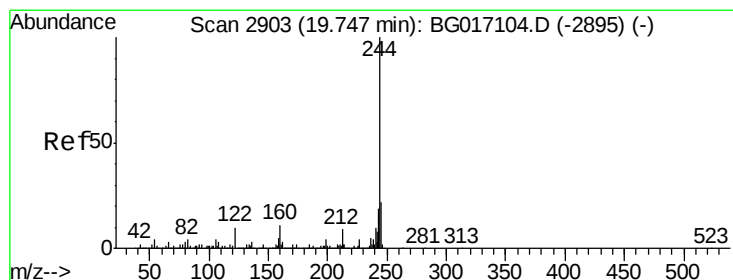
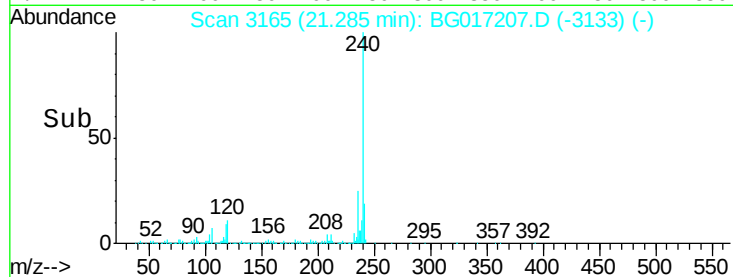
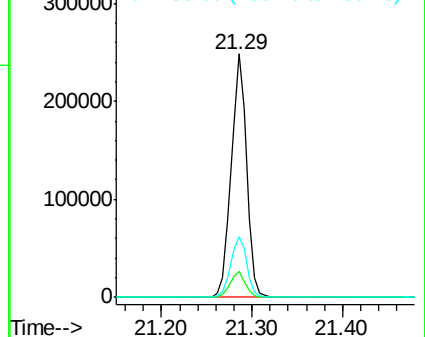
236 25.0 20.5 30.7



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: 83.10 ng

RT: 19.73 min Scan# 2901

Delta R.T. -0.01 min

Lab File: BG017207.D

Acq: 19 May 2015 20:25

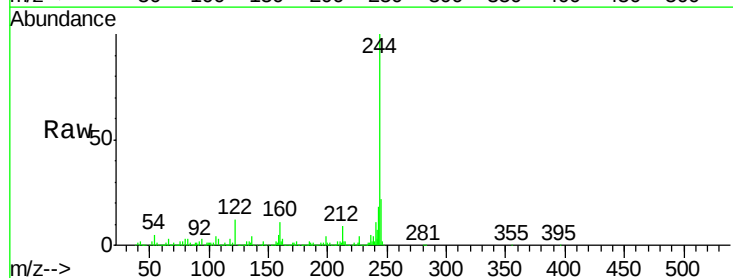
Tgt Ion:244 Resp: 1174022

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.4

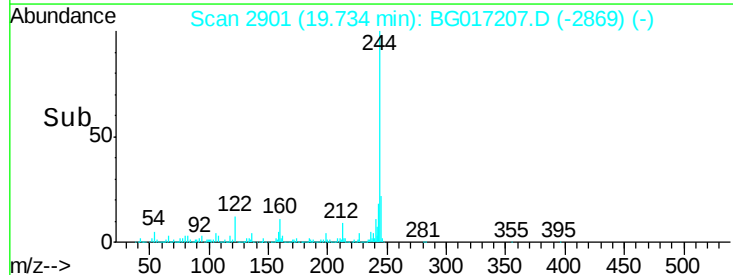
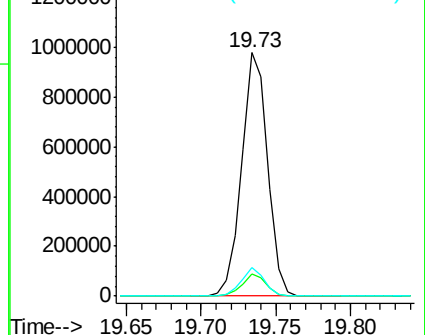
122 11.5 8.4 12.6

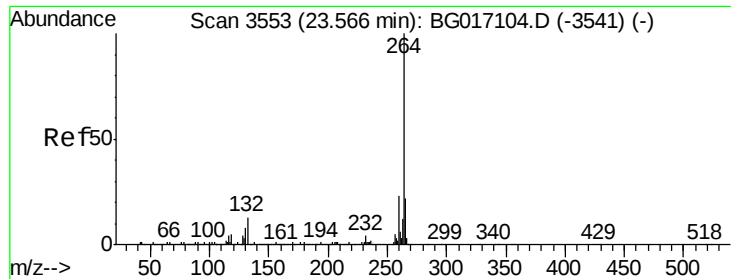


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.02 min
Lab File: BG017207.D
Acq: 19 May 2015 20:25

Instrument :
BNA_G
ClientSampleId :
MW-10(22-24)

Tgt Ion:	264	Resp:	295146
Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.0	27.0
265	20.3	17.4	26.0

