

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052015\
 Data File : BG017220.D
 Acq On : 20 May 2015 18:20
 Operator : TP/IZ
 Sample : G2279-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Quant Time: May 21 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 : Thu May 21 02:15:39 2015
 Response via : Initial Calibration

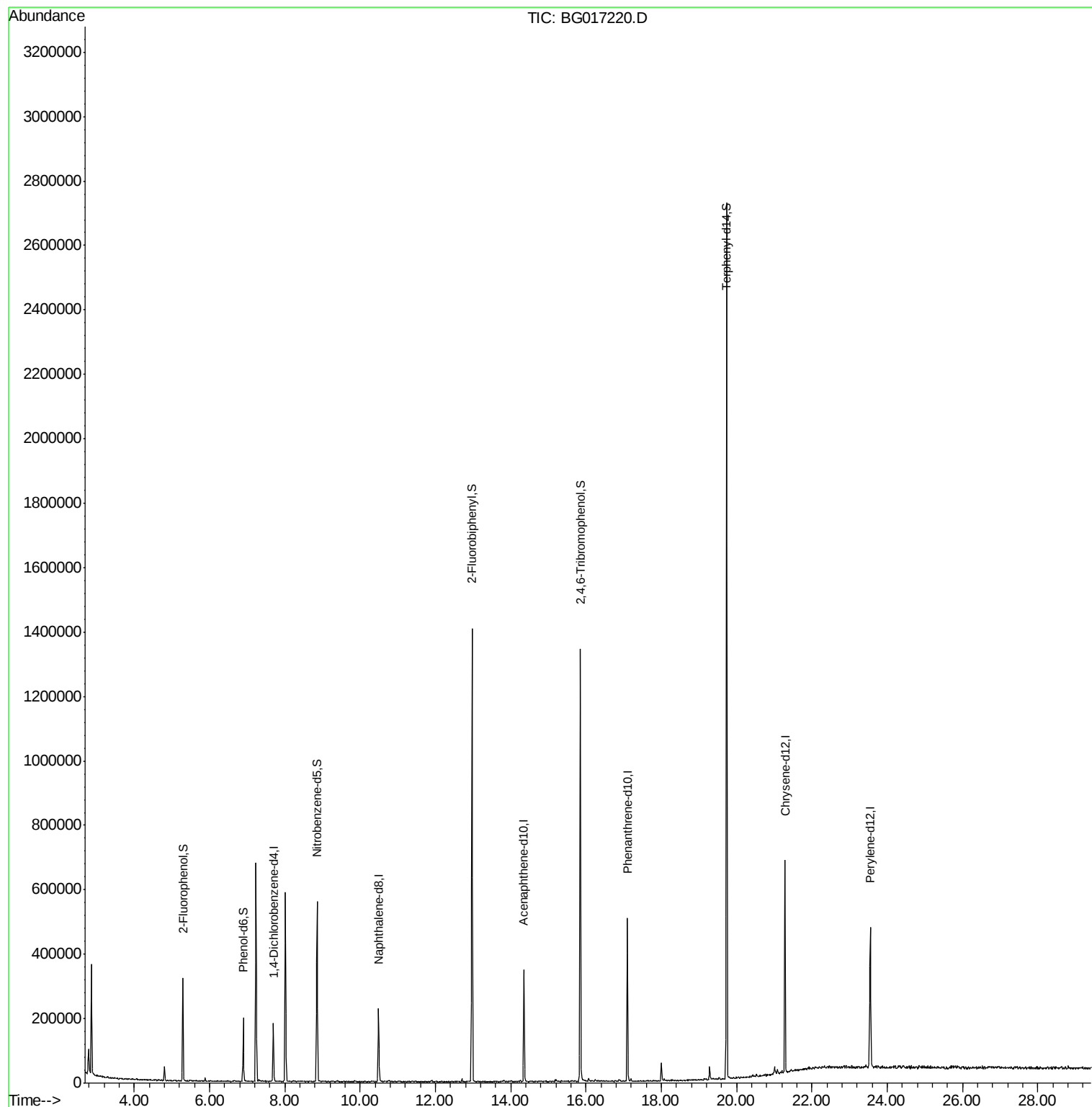
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	39325	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	165427	20.00	ng	0.00
38) Acenaphthene-d10	14.35	164	109203	20.00	ng	0.00
63) Phenanthrene-d10	17.10	188	260337	20.00	ng	0.00
75) Chrysene-d12	21.29	240	291869	20.00	ng	0.00
86) Perylene-d12	23.55	264	290829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	109384	49.35	ng	0.00
7) Phenol-d6	6.89	99	89071	28.64	ng	0.00
23) Nitrobenzene-d5	8.86	82	283643	80.05	ng	0.00
41) 2,4,6-Tribromophenol	15.85	330	184517	139.78	ng	0.00
44) 2-Fluorobiphenyl	12.97	172	594537	79.89	ng	0.00
78) Terphenyl-d14	19.74	244	1059008	75.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.83	77	58	Below Cal	Qvalue #	6

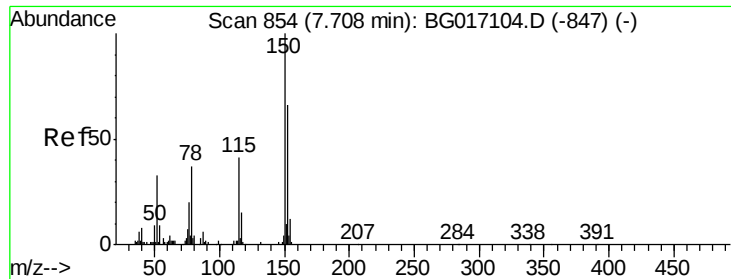
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG017220.D

Acq: 20 May 2015 18:20

Instrument :

BNA_G

ClientSampleId :

MW-5

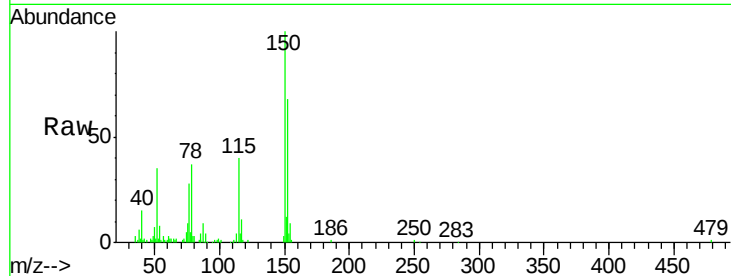
Tot Ion:152 Resp: 39325

Ion Ratio Lower Upper

152 100

150 146.6 120.8 181.2

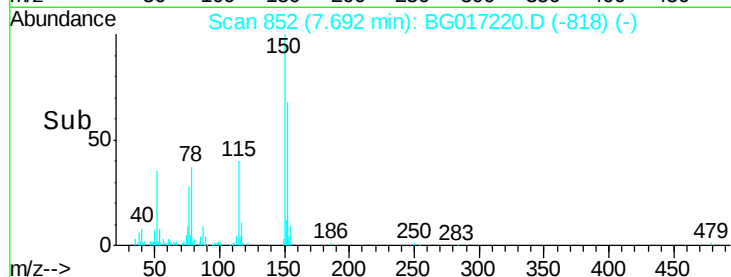
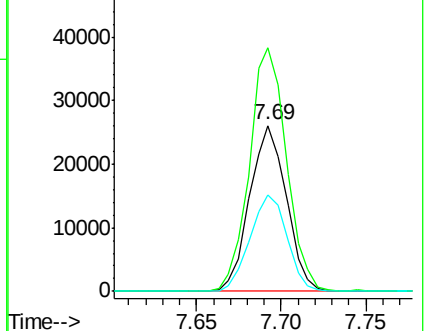
115 58.2 49.4 74.2



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: 49.35 ng

RT: 5.29 min Scan# 443

Delta R.T. 0.00 min

Lab File: BG017220.D

Acq: 20 May 2015 18:20

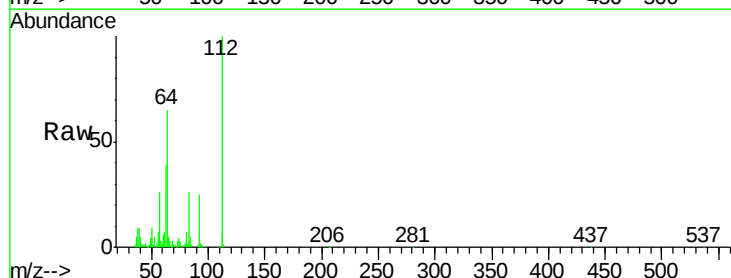
Tgt Ion:112 Resp: 109384

Ion Ratio Lower Upper

112 100

64 64.8 48.1 72.1

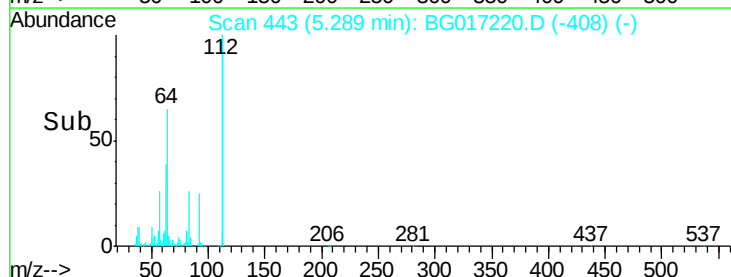
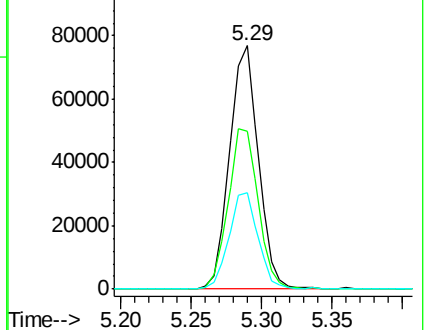
63 39.4 29.8 44.8

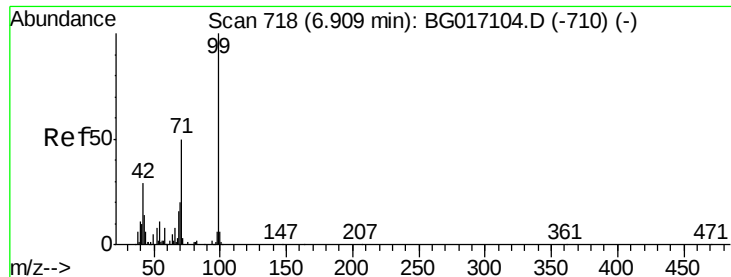


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.64 ng

RT: 6.89 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG017220.D

Acq: 20 May 2015 18:20

Instrument :

BNA_G

ClientSampleId :

MW-5

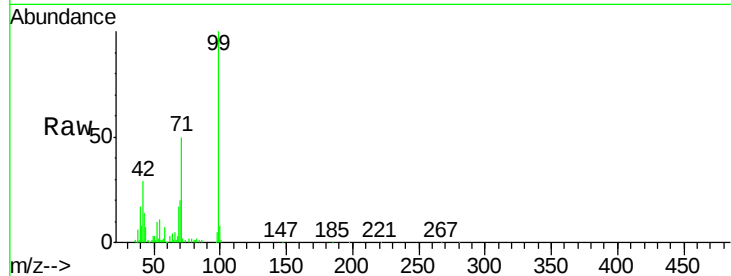
Tot Ion: 99 Resp: 89071

Ion Ratio Lower Upper

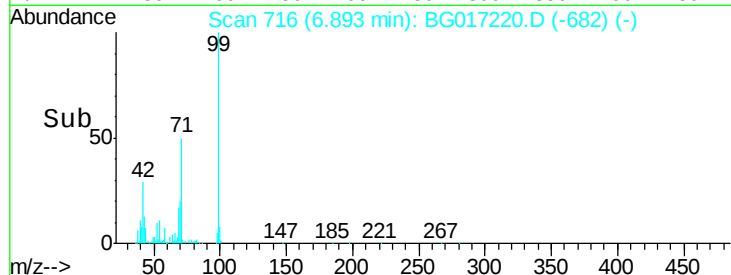
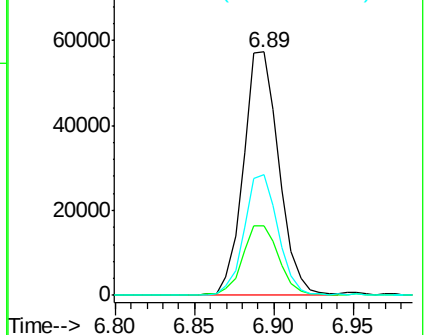
99 100

42 28.5 23.5 35.3

71 49.6 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: BG017220.D

Acq: 20 May 2015 18:20

Tgt Ion: 136 Resp: 165427

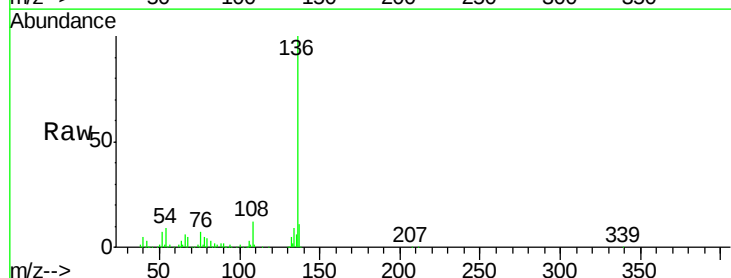
Ion Ratio Lower Upper

136 100

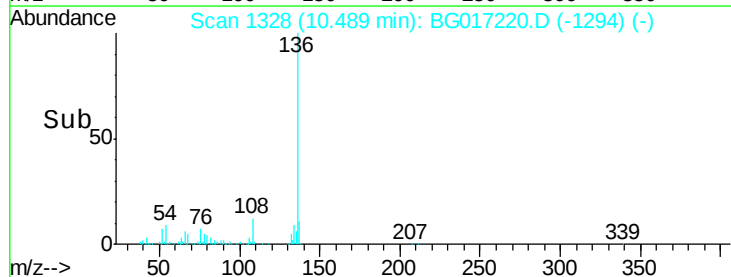
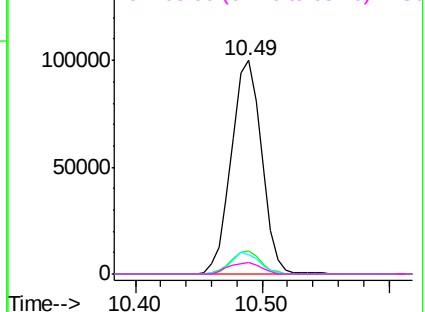
137 11.0 8.3 12.5

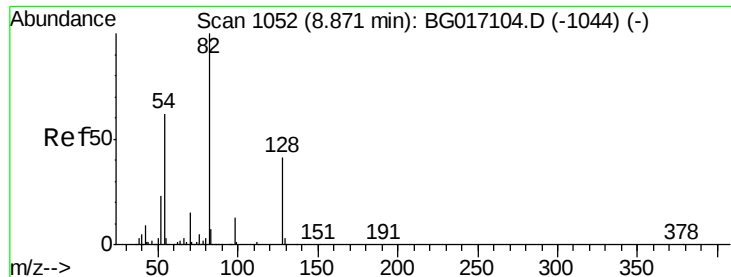
54 9.2 7.4 11.2

68 5.1 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: 80.05 ng

RT: 8.86 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BG017220.D

Acq: 20 May 2015 18:20

Instrument :

BNA_G

ClientSampleId :

MW-5

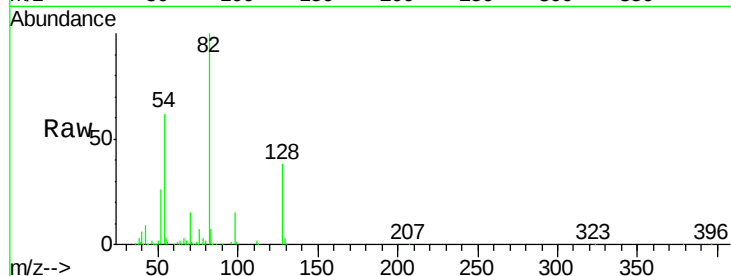
Tot Ion: 82 Resp: 283643

Ion Ratio Lower Upper

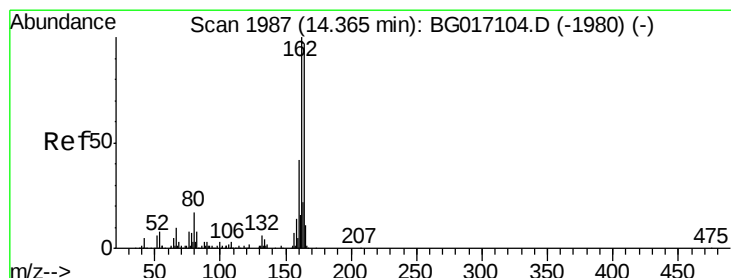
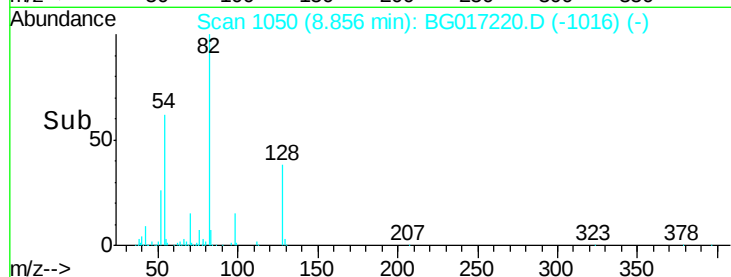
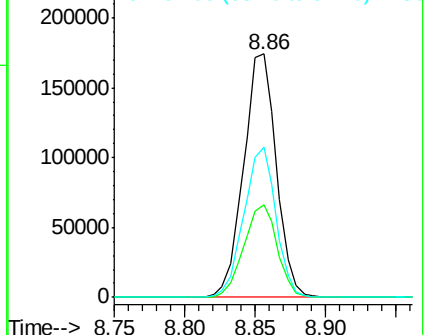
82 100

128 38.1 32.6 49.0

54 61.5 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: 14.35 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG017220.D

Acq: 20 May 2015 18:20

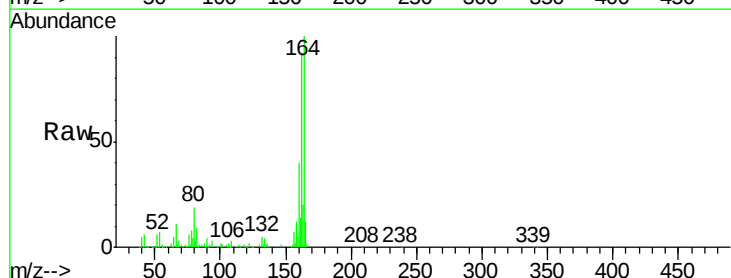
Tgt Ion: 164 Resp: 109203

Ion Ratio Lower Upper

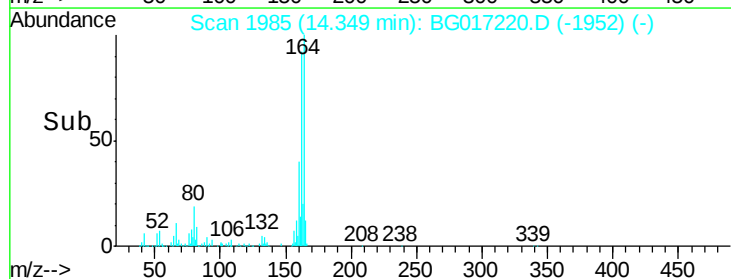
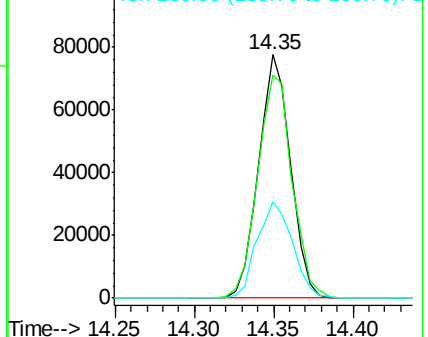
164 100

162 91.7 82.1 123.1

160 39.8 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

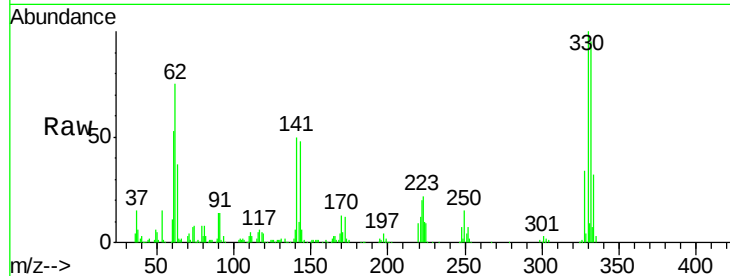




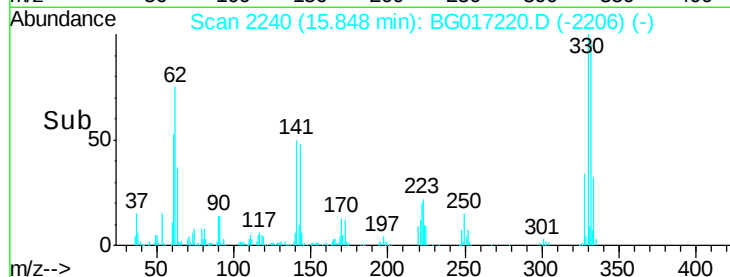
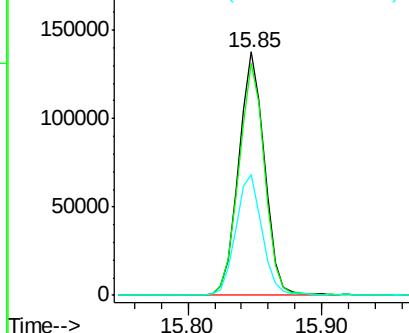
#41
 2,4,6-Tribromophenol
 Concen: 139.78 ng
 RT: 15.85 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BG017220.D
 Acq: 20 May 2015 18:20

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	50.7	42.2	63.2

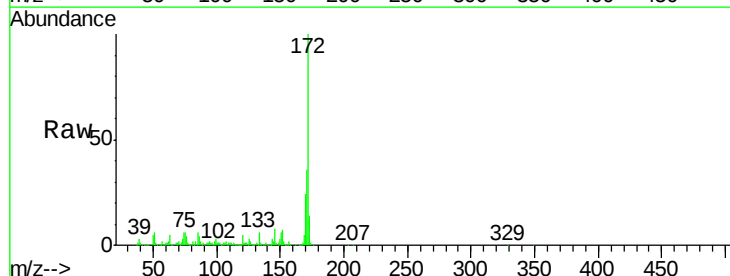


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

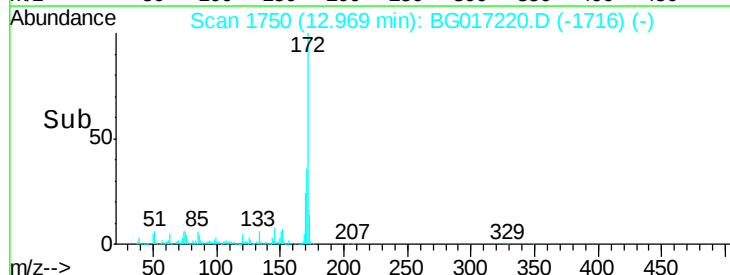
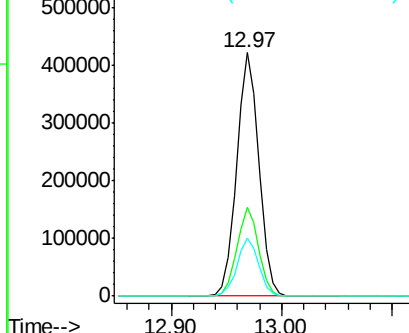


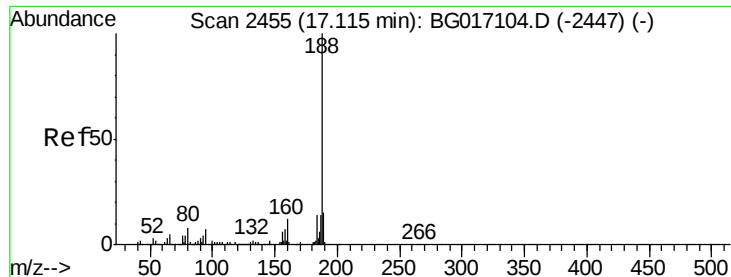
#44
 2-Fluorobiphenyl
 Concen: 79.89 ng
 RT: 12.97 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BG017220.D
 Acq: 20 May 2015 18:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	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

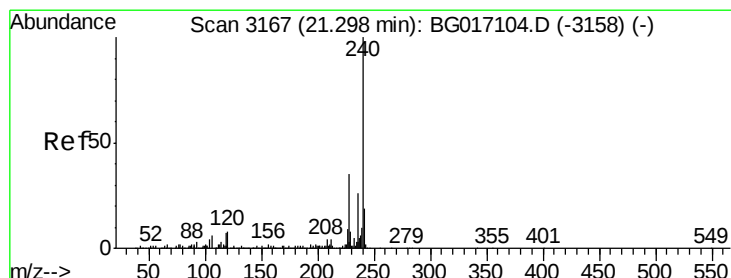
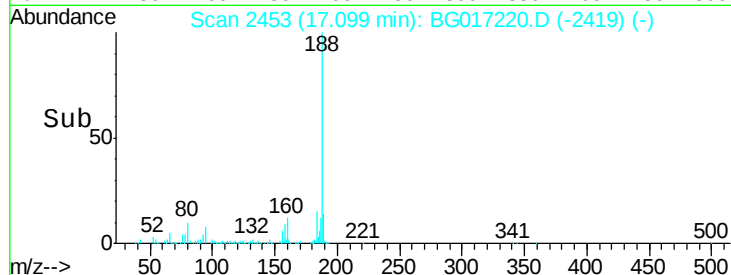
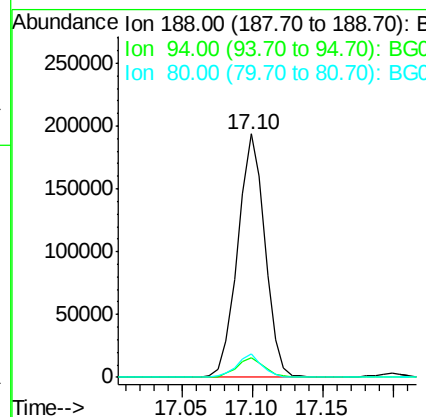
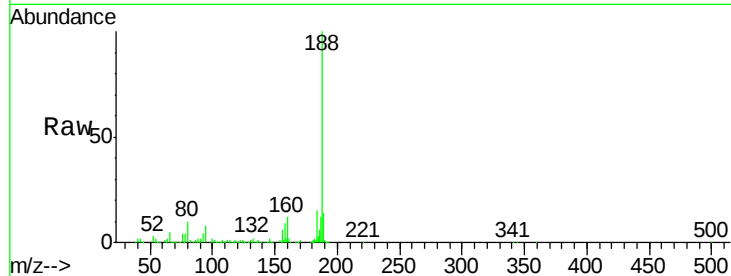




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG017220.D
Acq: 20 May 2015 18:20

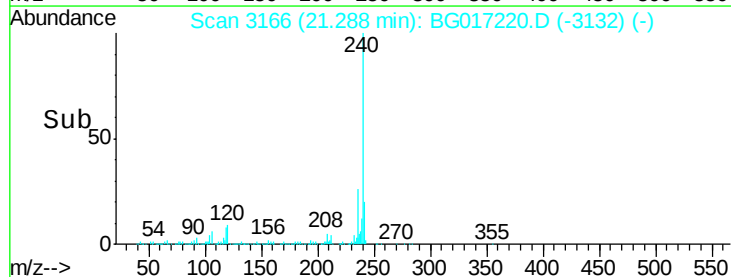
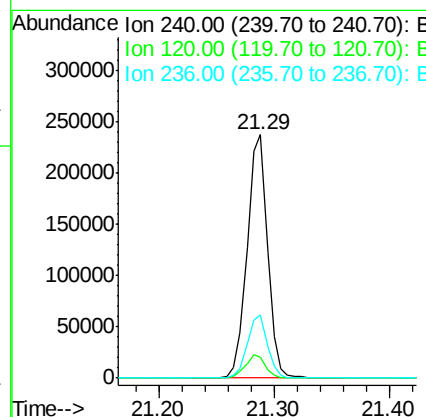
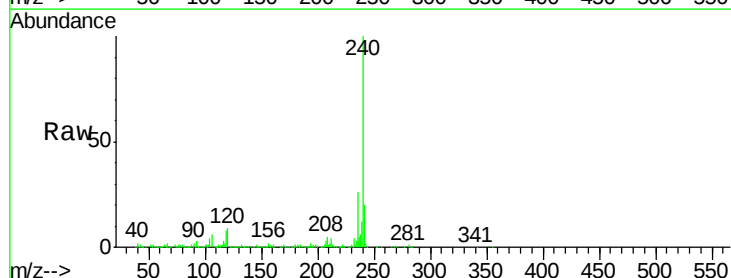
Instrument :
BNA_G
ClientSampleId :
MW-5

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.8	8.6
80	9.6	6.5	9.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG017220.D
Acq: 20 May 2015 18:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.0	9.0
236	25.9	20.5	30.7





#78

Terphenyl-d14

Concen: 75.61 ng

RT: 19.74 min Scan# 2902

Delta R.T. -0.00 min

Lab File: BG017220.D

Acq: 20 May 2015 18:20

Instrument :

BNA_G

ClientSampled :

MW-5

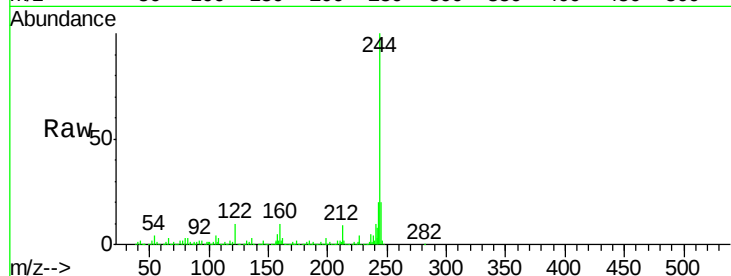
Tot Ion:244 Resp: 1059008

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.4

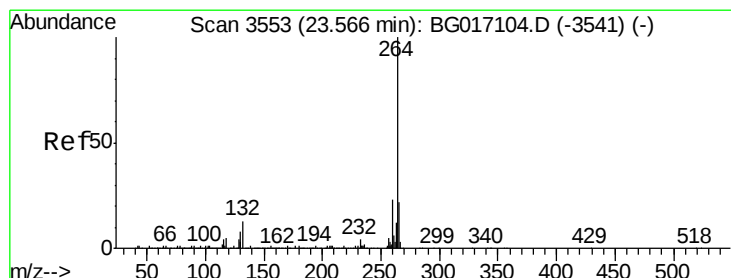
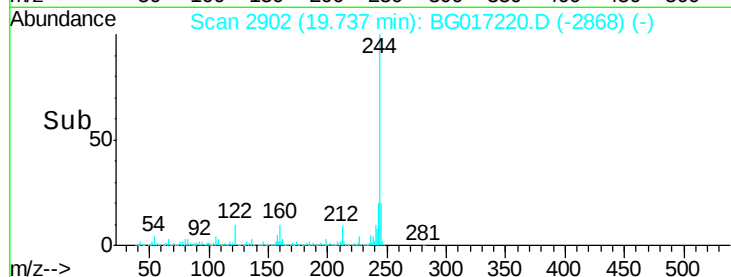
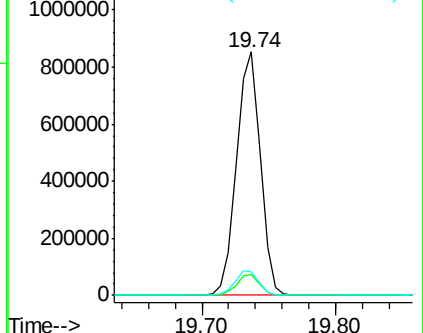
122 9.9 8.4 12.6



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.55 min Scan# 3551

Delta R.T. -0.00 min

Lab File: BG017220.D

Acq: 20 May 2015 18:20

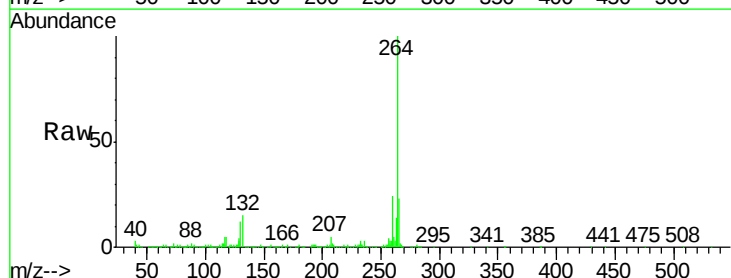
Tgt Ion:264 Resp: 290829

Ion Ratio Lower Upper

264 100

260 23.9 18.0 27.0

265 22.7 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

