

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
 Data File : BG017345.D
 Acq On : 29 May 2015 5:18
 Operator : TP/IZ
 Sample : G2415-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1505083079

Quant Time: May 29 07:29:41 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 05:38:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	23768	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	101514	20.00	ng	0.00
38) Acenaphthene-d10	14.31	164	64897	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	150811	20.00	ng	0.00
75) Chrysene-d12	21.25	240	184792	20.00	ng	0.00
86) Perylene-d12	23.49	264	183044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	27557	20.57	ng	0.00
7) Phenol-d6	6.85	99	39790	21.17	ng	0.00
23) Nitrobenzene-d5	8.81	82	26988	12.41	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	18517	23.60	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	64776	14.65	ng	0.00
78) Terphenyl-d14	19.69	244	131866	14.87	ng	0.00

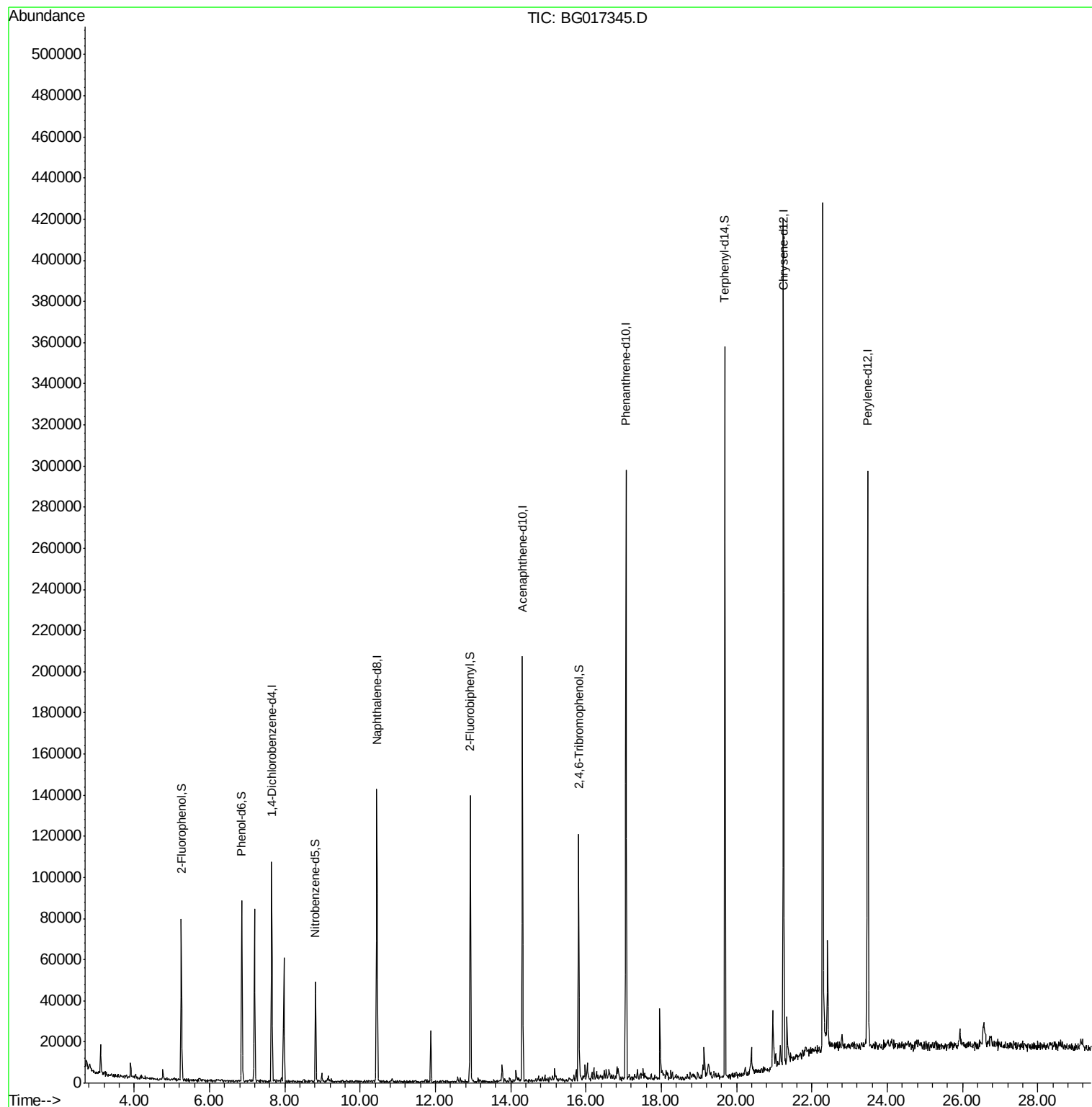
Target Compounds	Qvalue
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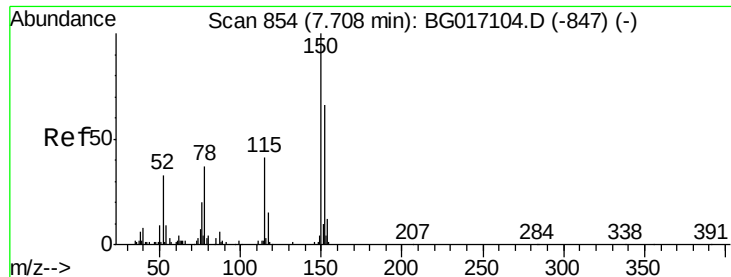
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.65 min Scan# 845

Delta R.T. 0.00 min

Lab File: BG017345.D

Acq: 29 May 2015 5:18

Instrument :

BNA_G

ClientSampleId :

1505083079

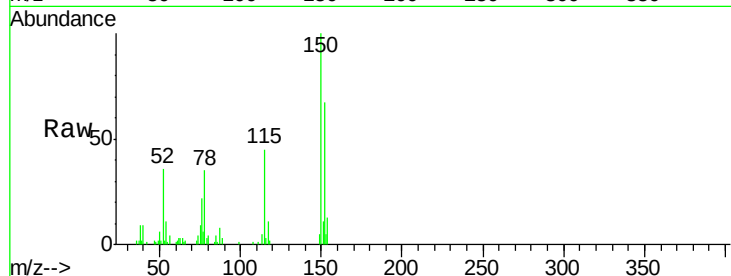
Tgt Ion:152 Resp: 23768

Ion Ratio Lower Upper

152 100

150 149.2 120.8 181.2

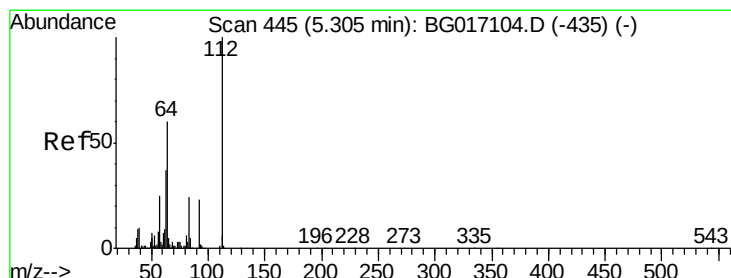
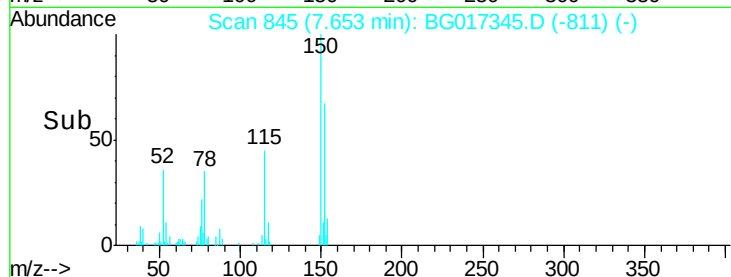
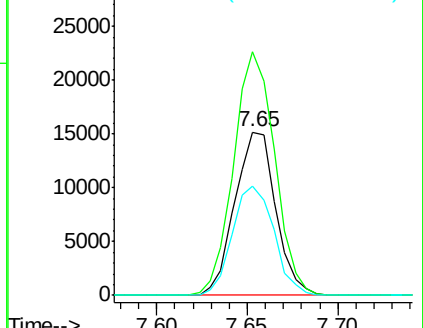
115 67.1 49.4 74.2



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: 20.57 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG017345.D

Acq: 29 May 2015 5:18

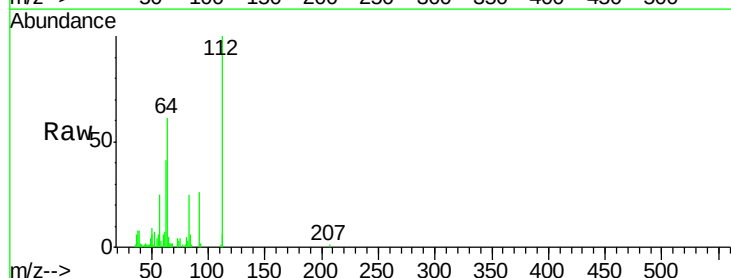
Tgt Ion:112 Resp: 27557

Ion Ratio Lower Upper

112 100

64 61.3 48.1 72.1

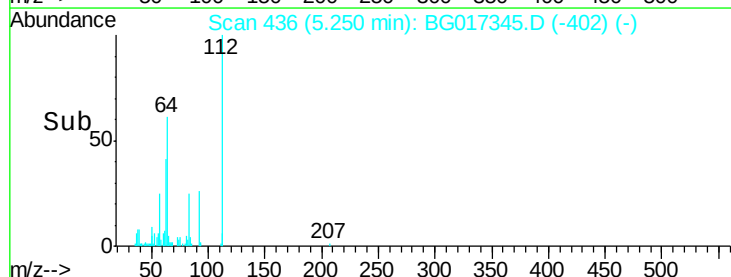
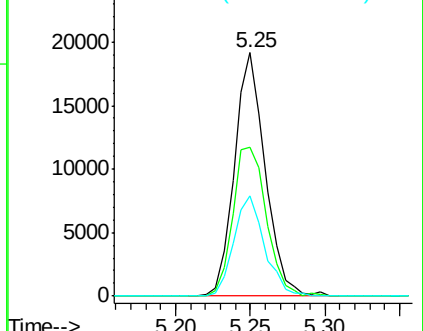
63 41.3 29.8 44.8

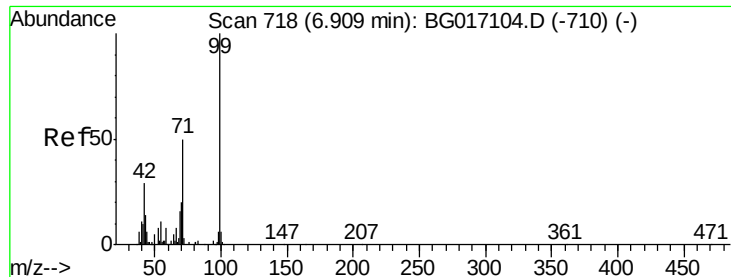


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 21.17 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG017345.D

Acq: 29 May 2015 5:18

Instrument :

BNA_G

ClientSampleId :

1505083079

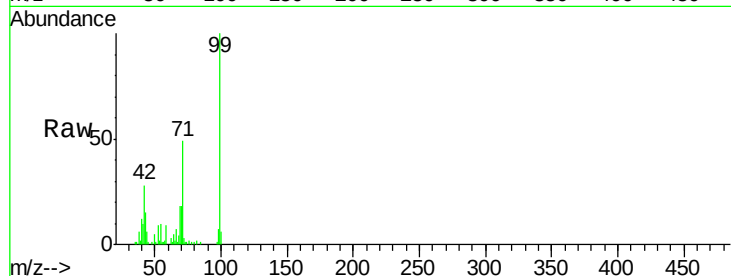
Tgt Ion: 99 Resp: 39790

Ion Ratio Lower Upper

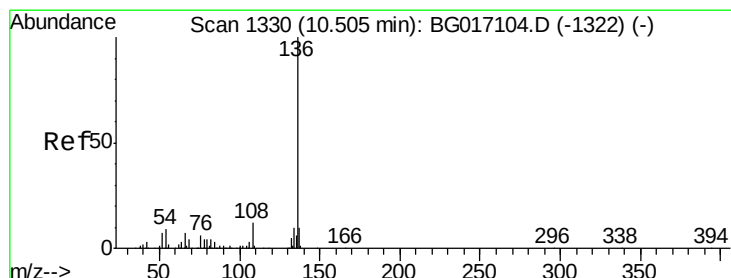
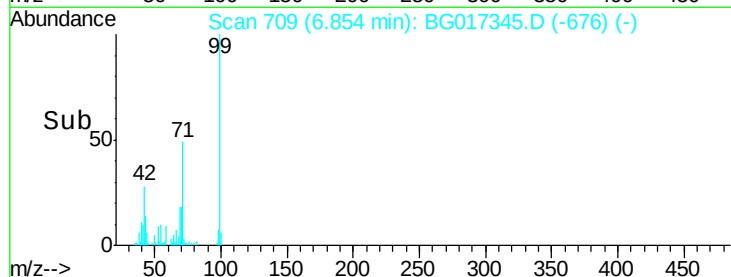
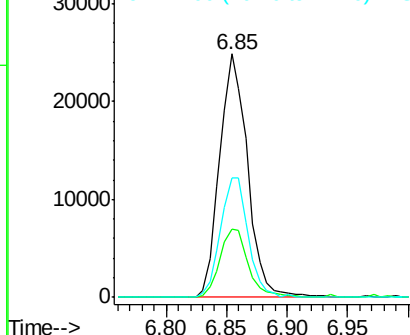
99 100

42 28.1 23.5 35.3

71 48.8 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: 10.44 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG017345.D

Acq: 29 May 2015 5:18

Tgt Ion: 136 Resp: 101514

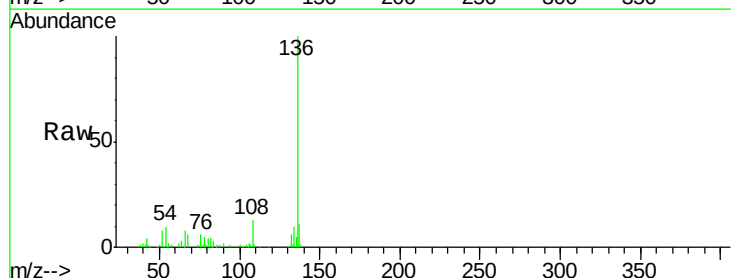
Ion Ratio Lower Upper

136 100

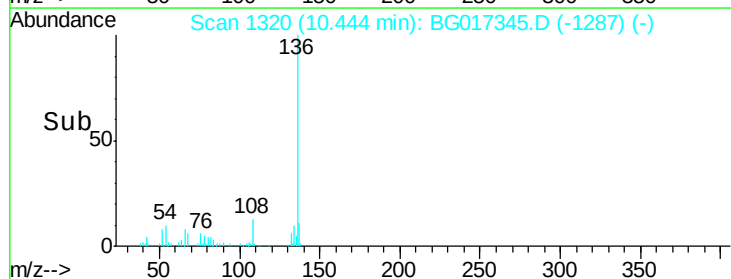
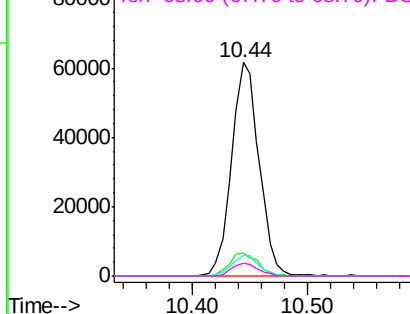
137 10.7 8.3 12.5

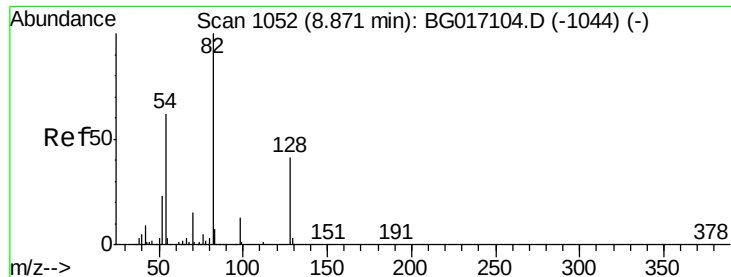
54 9.9 7.4 11.2

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

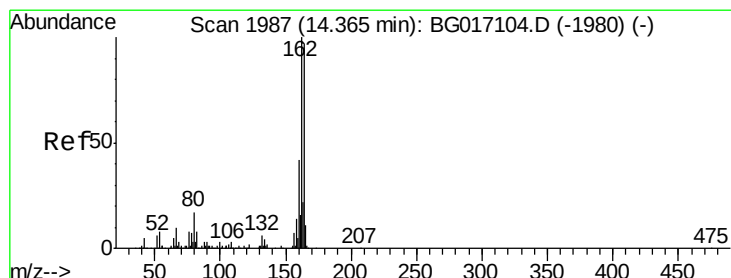
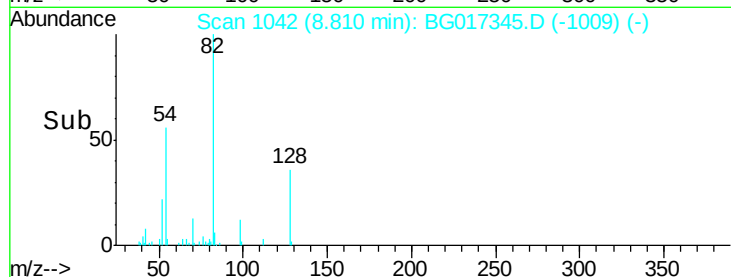
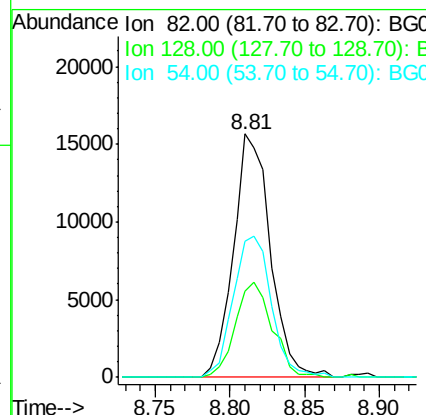
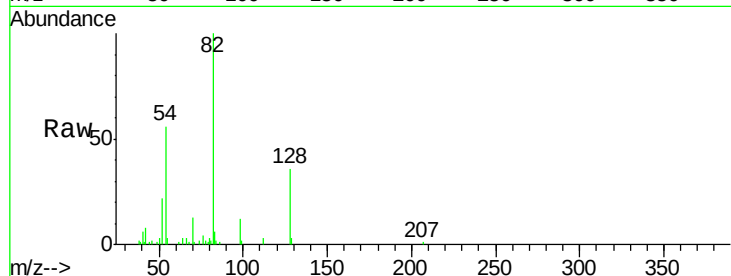




#23
 Nitrobenzene-d5
 Concen: 12.41 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG017345.D
 Acq: 29 May 2015 5:18

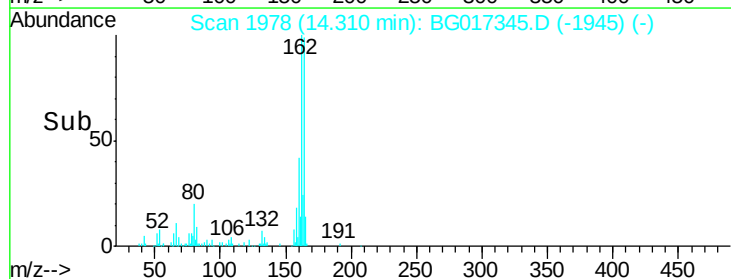
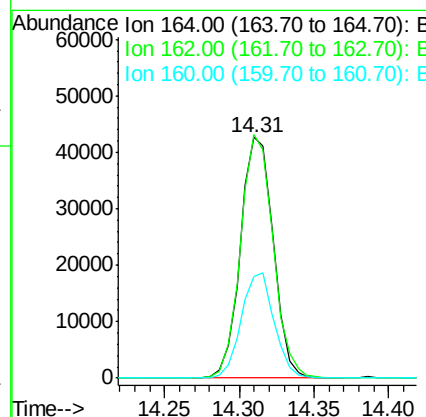
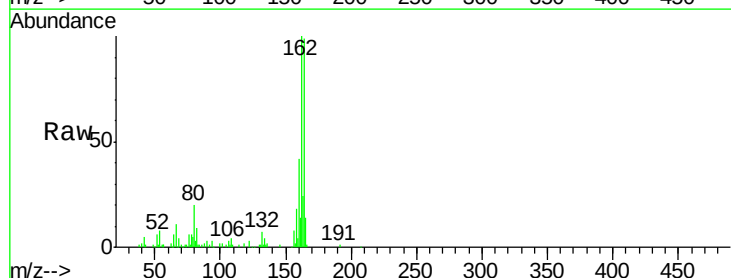
Instrument :
 BNA_G
 ClientSampleId :
 1505083079

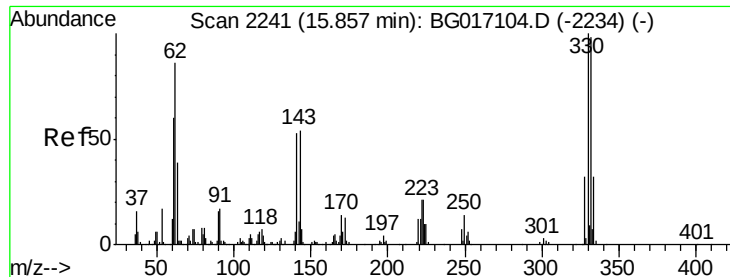
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.6	32.6	49.0
54	56.0	49.6	74.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG017345.D
 Acq: 29 May 2015 5:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.1	123.1
160	41.9	34.8	52.2

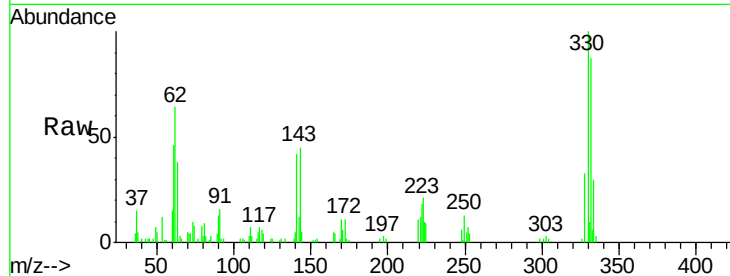




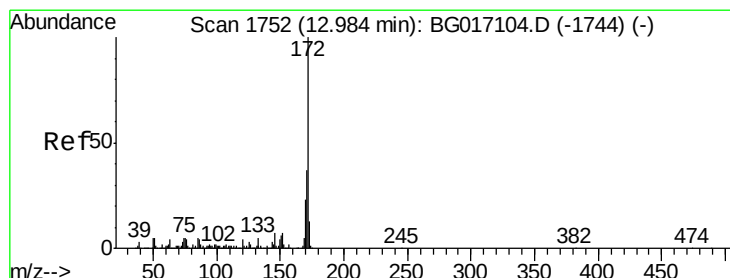
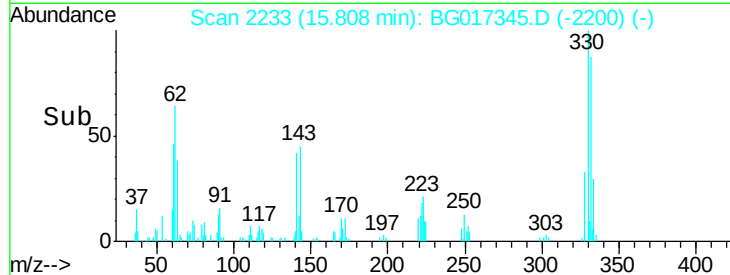
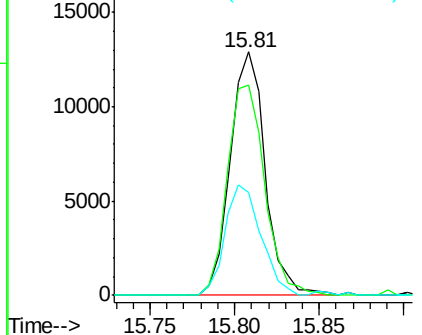
#41
 2,4,6-Tribromophenol
 Concen: 23.60 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG017345.D
 Acq: 29 May 2015 5:18

Instrument :
 BNA_G
 ClientSampleId :
 1505083079

Tgt Ion: 330 Resp: 18517
 Ion Ratio Lower Upper
 330 100
 332 92.5 76.9 115.3
 141 46.7 42.2 63.2

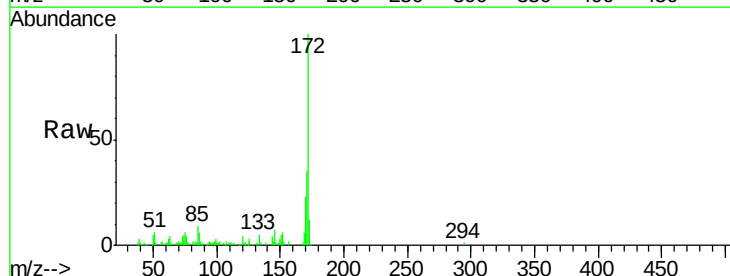


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

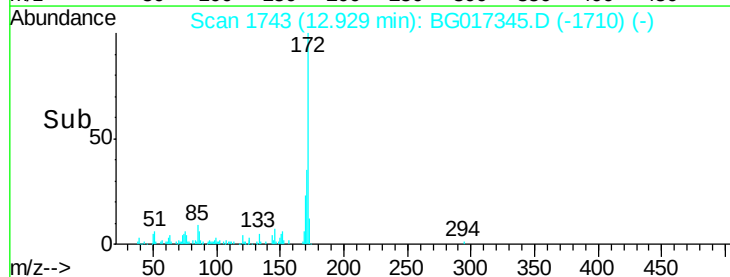
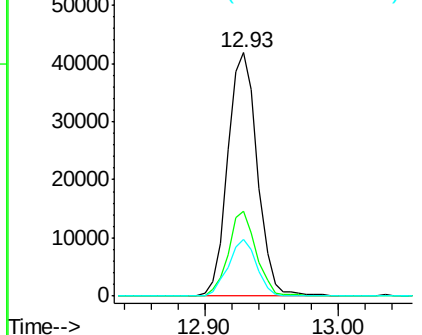


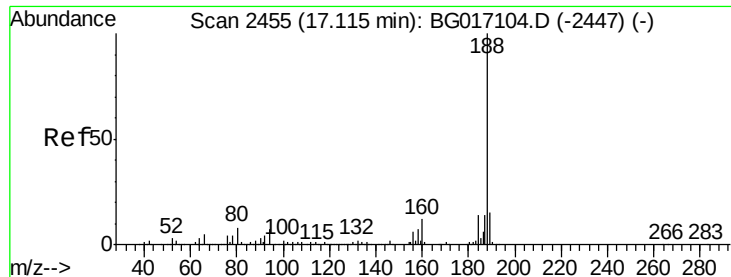
#44
 2-Fluorobiphenyl
 Concen: 14.65 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG017345.D
 Acq: 29 May 2015 5:18

Tgt Ion: 172 Resp: 64776
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 23.1 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: 17.06 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BG017345.D

Acq: 29 May 2015 5:18

Instrument :

BNA_G

ClientSampleId :

1505083079

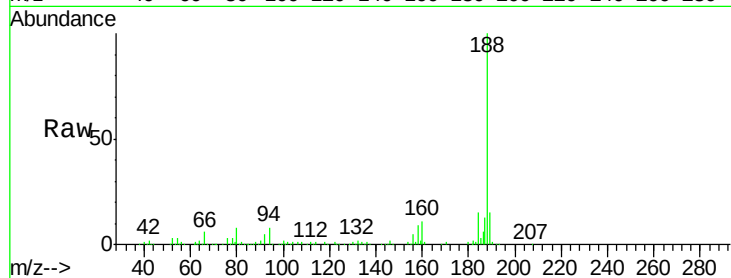
Tgt Ion:188 Resp: 150811

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

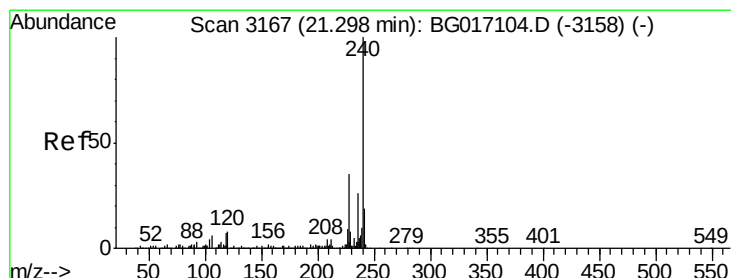
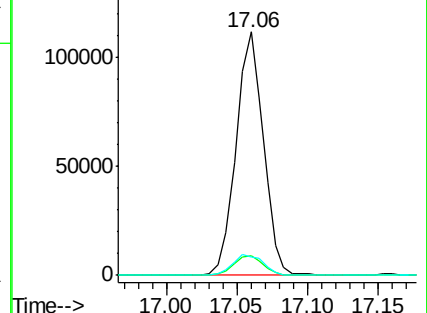
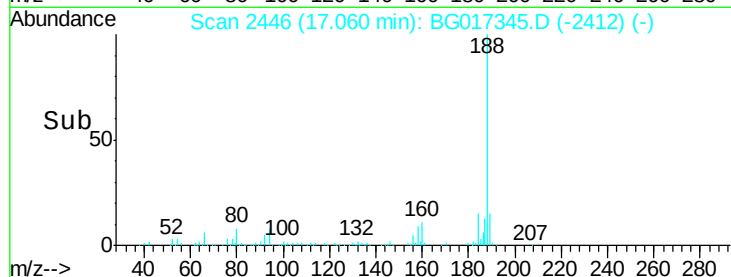
80 7.8 6.5 9.7



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: 21.25 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG017345.D

Acq: 29 May 2015 5:18

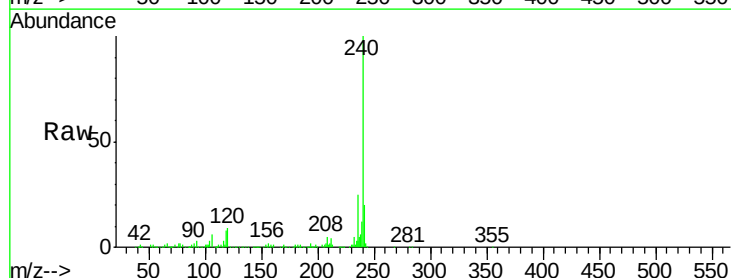
Tgt Ion:240 Resp: 184792

Ion Ratio Lower Upper

240 100

120 9.2 6.0 9.0#

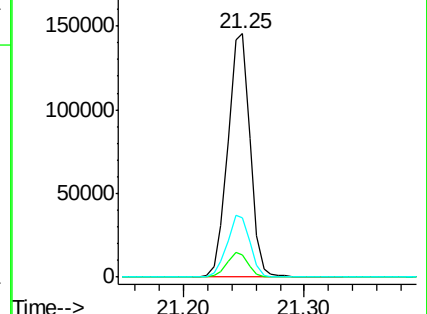
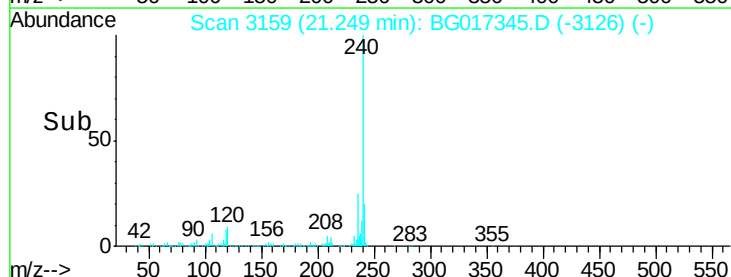
236 24.6 20.5 30.7

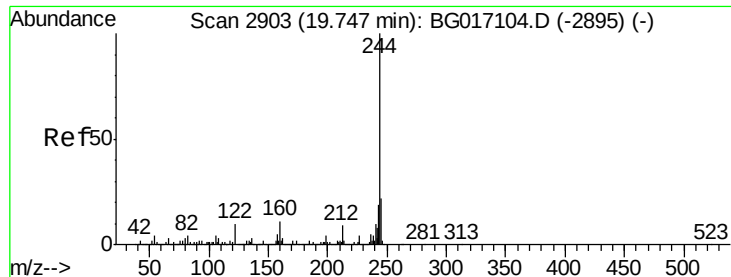


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 14.87 ng

RT: 19.69 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG017345.D

Acq: 29 May 2015 5:18

Instrument :

BNA_G

ClientSampleId :

1505083079

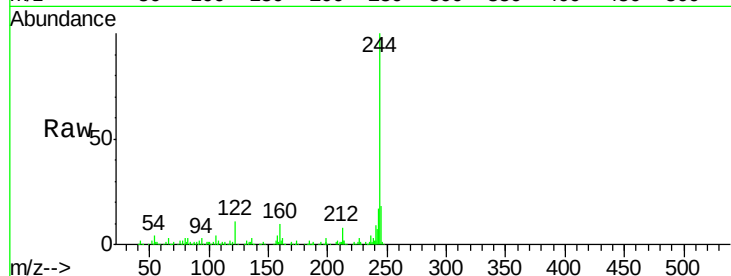
Tgt Ion:244 Resp: 131866

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

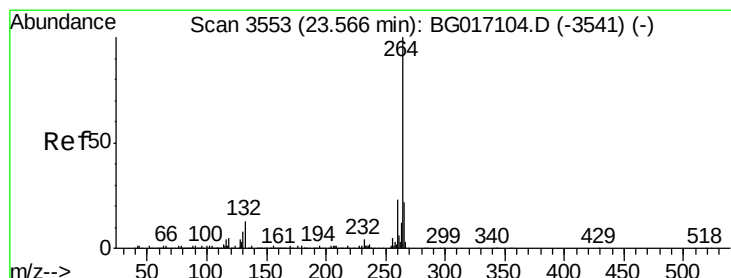
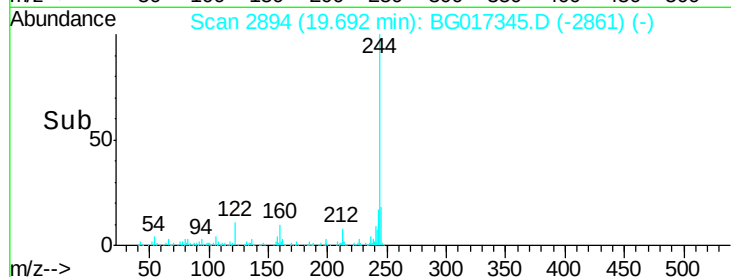
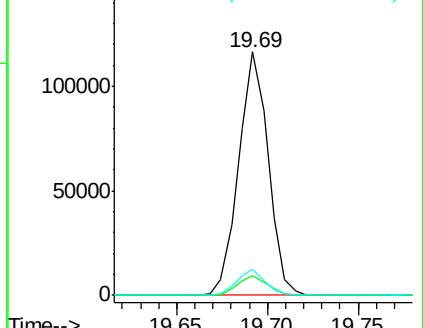
122 10.6 8.4 12.6



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: 23.49 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG017345.D

Acq: 29 May 2015 5:18

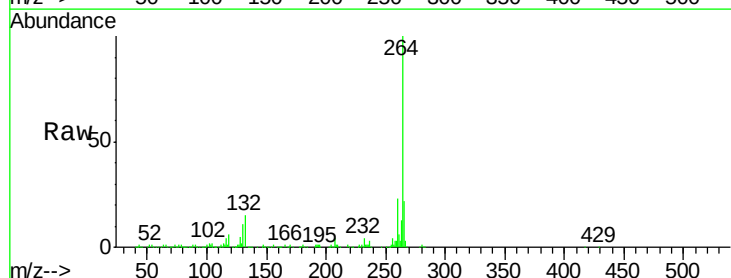
Tgt Ion:264 Resp: 183044

Ion Ratio Lower Upper

264 100

260 23.1 18.0 27.0

265 22.4 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

