

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017953.D
 Acq On : 18 Jul 2015 8:48
 Operator : TP/UM
 Sample : G3009-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-01-071515

Quant Time: Jul 20 02:26:02 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	92208	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	409769	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	249428	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	533276	20.00	ng	0.00
75) Chrysene-d12	21.20	240	538514	20.00	ng	0.00
86) Perylene-d12	23.41	264	512337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	293559	55.54	ng	0.00
7) Phenol-d6	6.77	99	229430	33.13	ng	0.00
23) Nitrobenzene-d5	8.74	82	575149	90.91	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	369452	146.20	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1350854	93.85	ng	0.00
78) Terphenyl-d14	19.64	244	1988540	93.02	ng	0.00

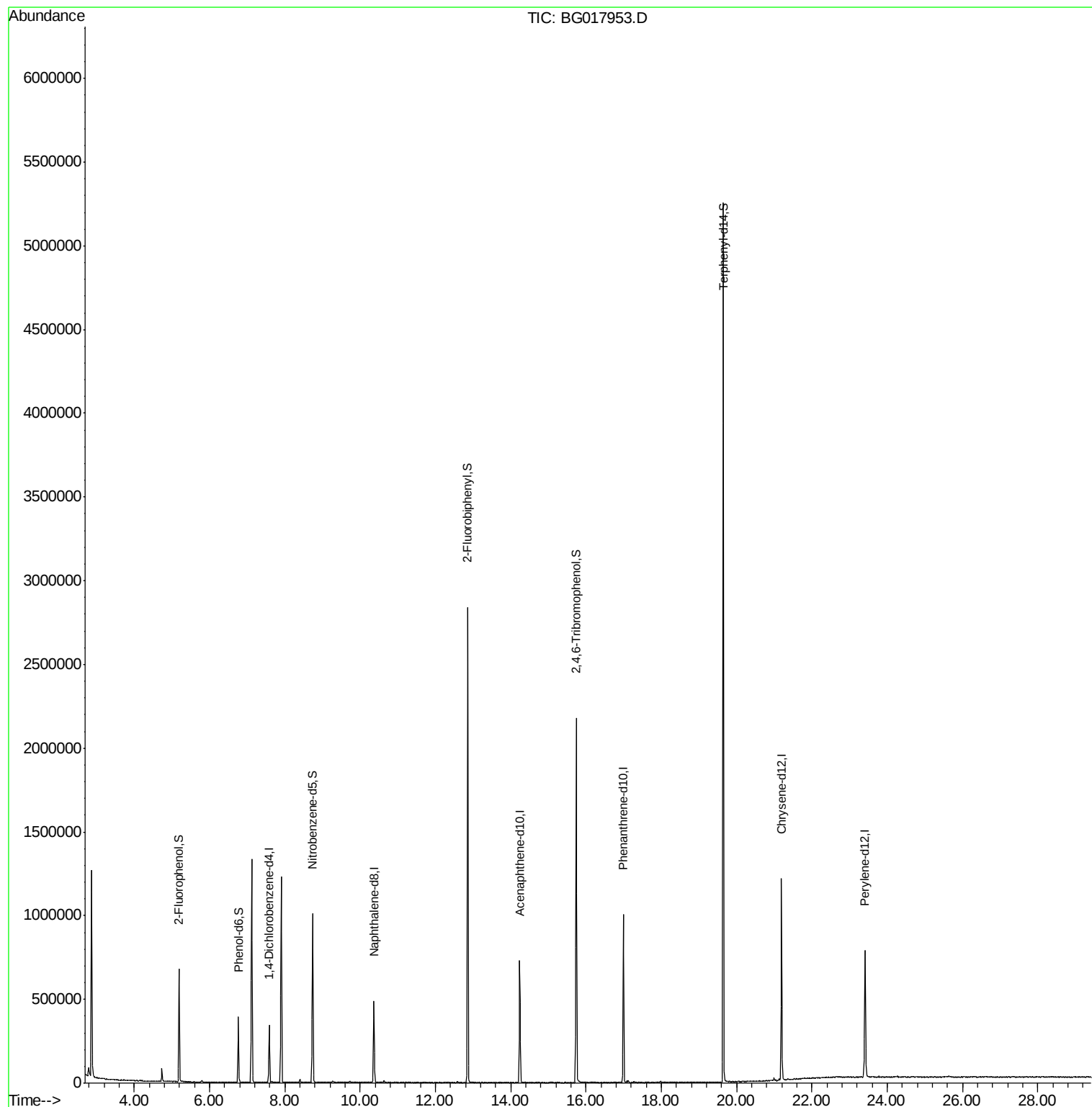
Target Compounds	Qvalue
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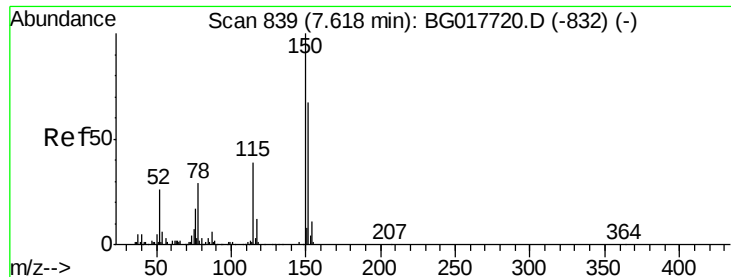
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.58 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG017953.D

Acq: 18 Jul 2015 8:48

Instrument :

BNA_G

ClientSampleId :

FB-01-071515

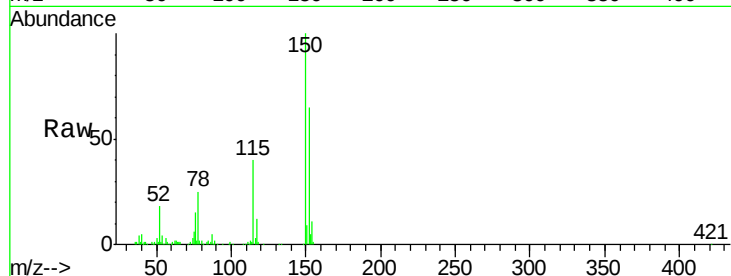
Tgt Ion:152 Resp: 92208

Ion Ratio Lower Upper

152 100

150 155.0 119.1 178.7

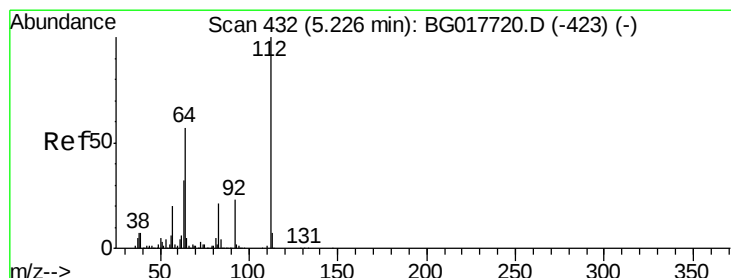
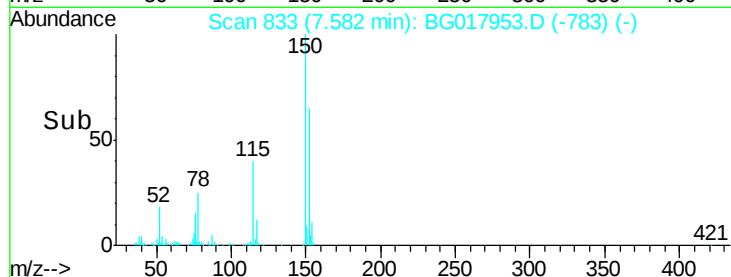
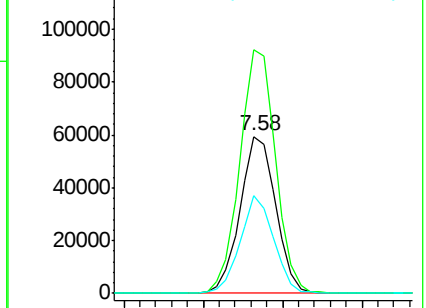
115 61.9 47.0 70.4



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: 55.54 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG017953.D

Acq: 18 Jul 2015 8:48

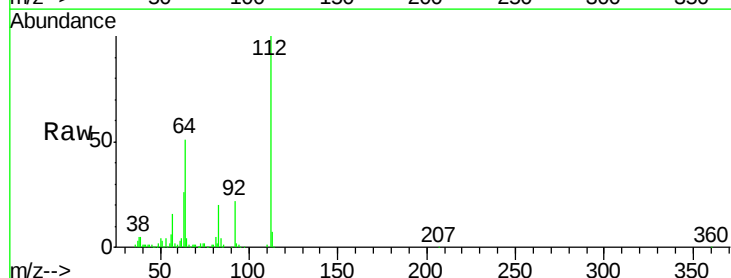
Tgt Ion:112 Resp: 293559

Ion Ratio Lower Upper

112 100

64 51.3 45.4 68.0

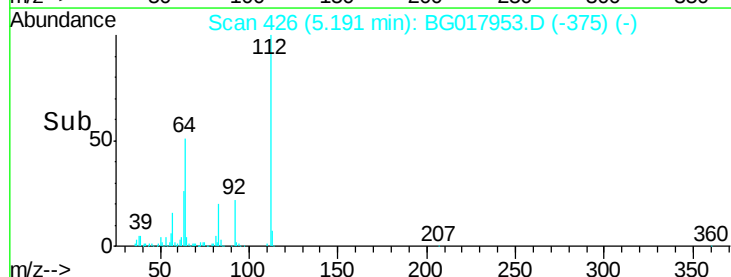
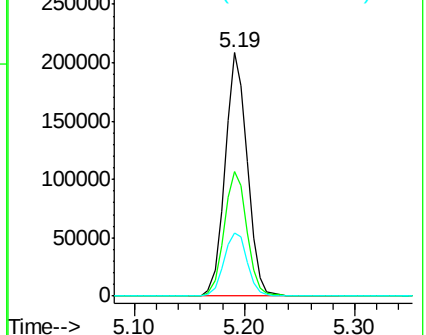
63 26.2 25.3 37.9

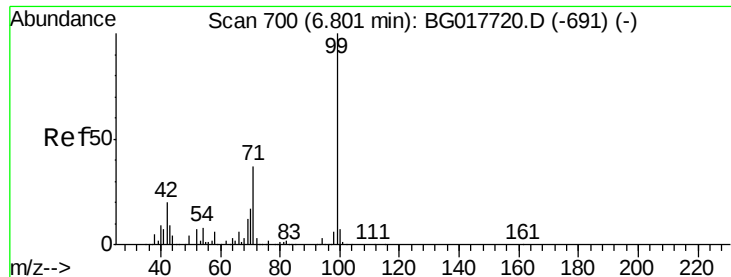


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.13 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG017953.D

Acq: 18 Jul 2015 8:48

Instrument :

BNA_G

ClientSampleId :

FB-01-071515

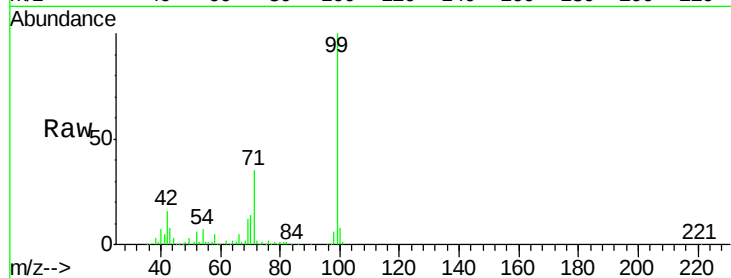
Tgt Ion: 99 Resp: 229430

Ion Ratio Lower Upper

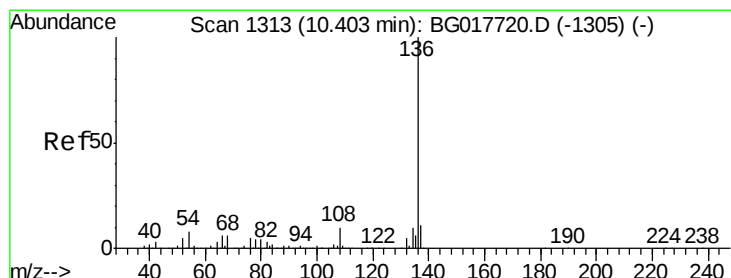
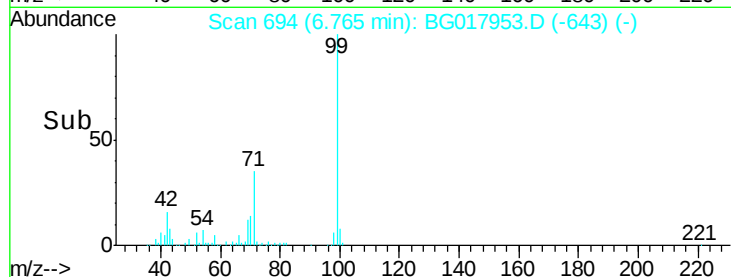
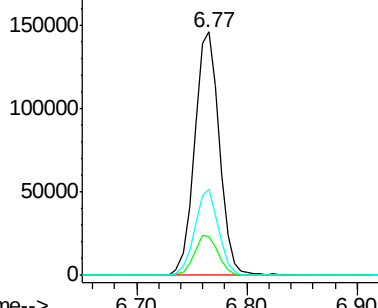
99 100

42 15.7 16.2 24.4#

71 35.4 29.5 44.3



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: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017953.D

Acq: 18 Jul 2015 8:48

Tgt Ion: 136 Resp: 409769

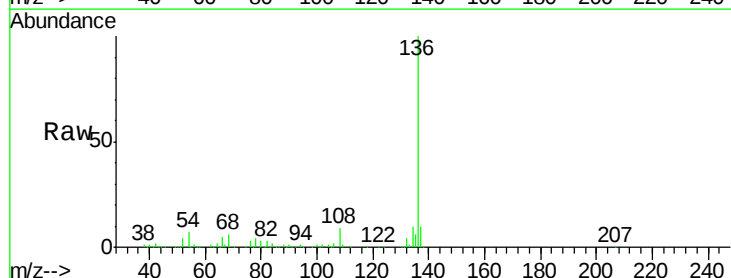
Ion Ratio Lower Upper

136 100

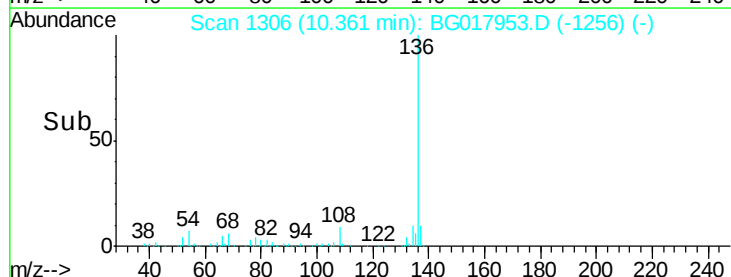
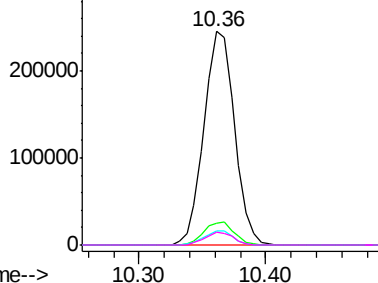
137 10.2 8.8 13.2

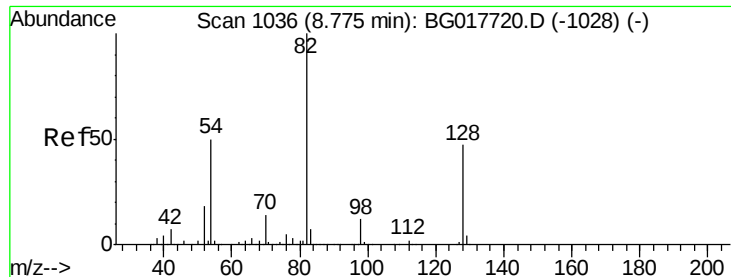
54 7.2 6.6 9.8

68 6.1 5.1 7.7



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

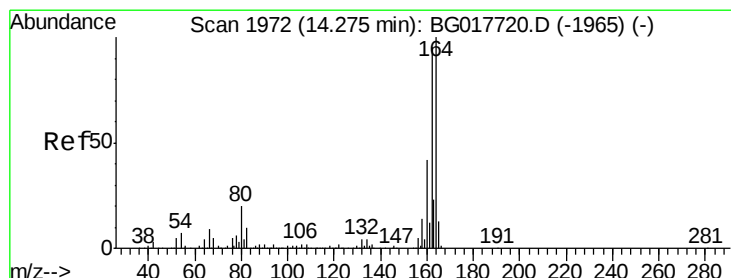
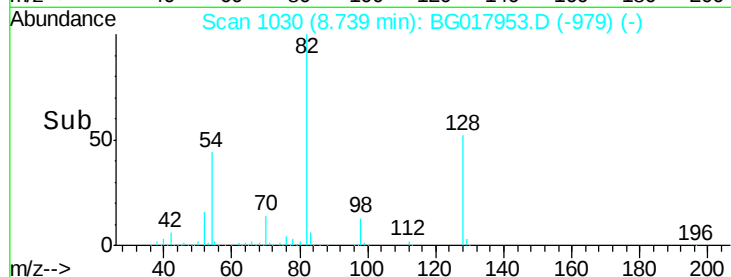
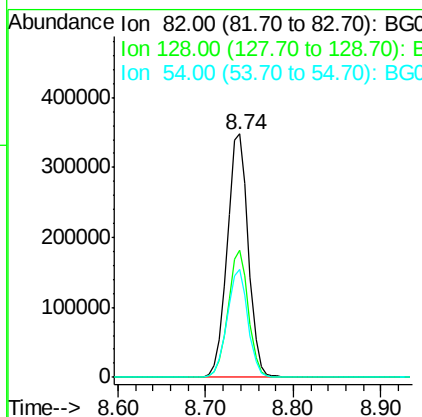
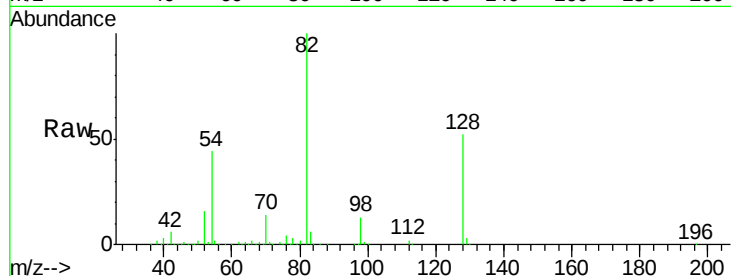




#23
 Nitrobenzene-d5
 Concen: 90.91 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG017953.D
 Acq: 18 Jul 2015 8:48

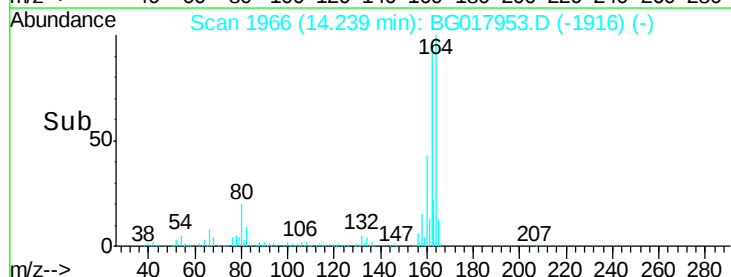
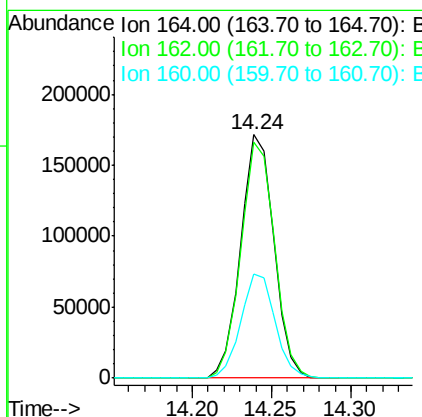
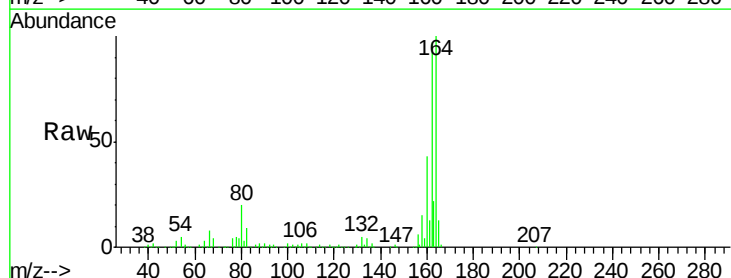
Instrument :
 BNA_G
 ClientSampleId :
 FB-01-071515

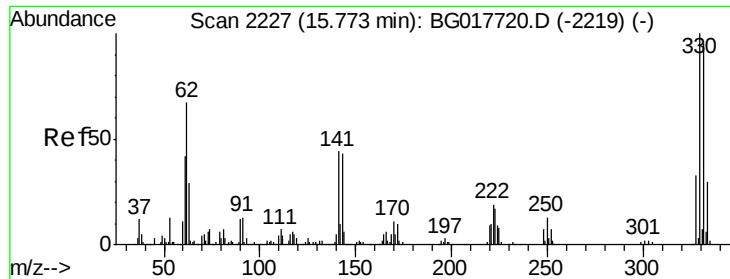
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.3	37.8	56.6
54	44.2	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG017953.D
 Acq: 18 Jul 2015 8:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.7	76.3	114.5
160	42.5	33.7	50.5

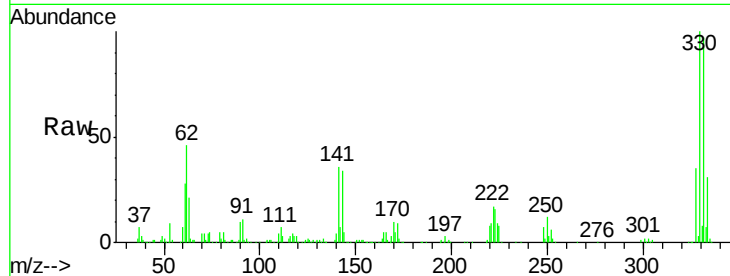




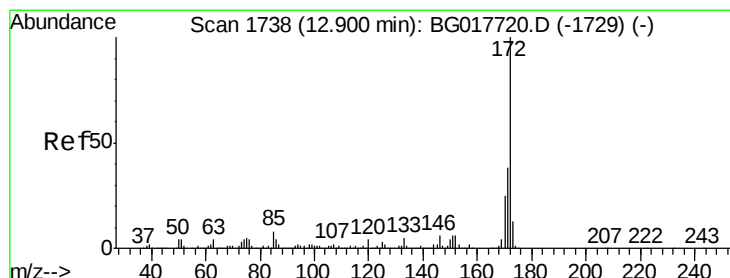
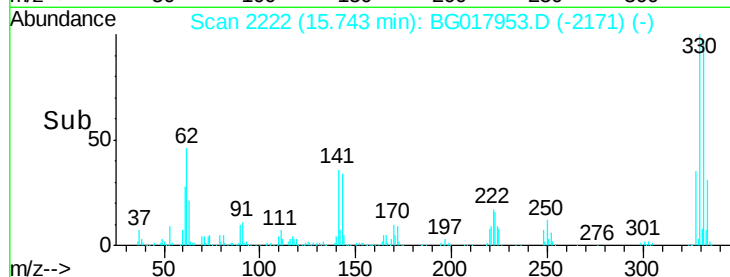
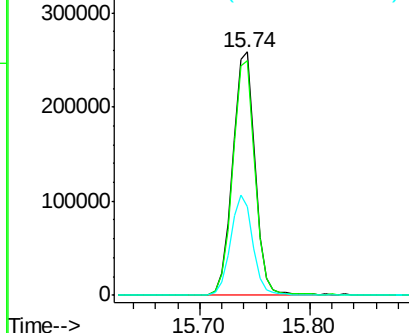
#41
 2,4,6-Tribromophenol
 Concen: 146.20 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG017953.D
 Acq: 18 Jul 2015 8:48

Instrument :
 BNA_G
 ClientSampleId :
 FB-01-071515

Tgt Ion: 330 Resp: 369452
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 40.8 38.0 57.0

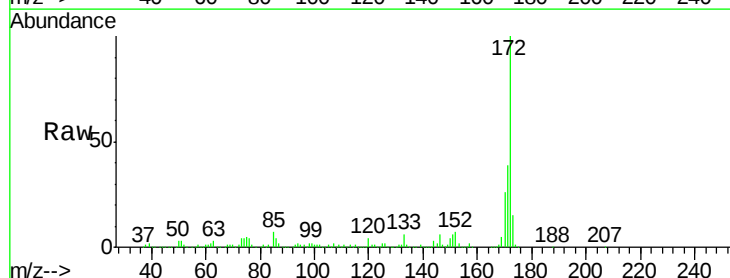


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

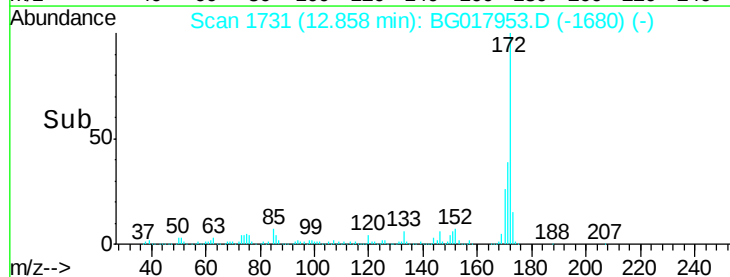
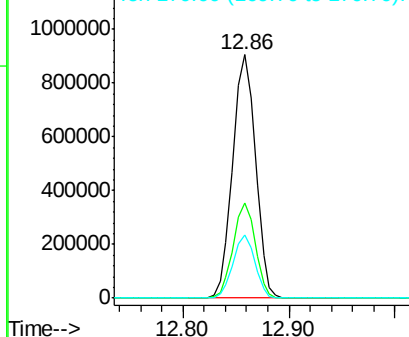


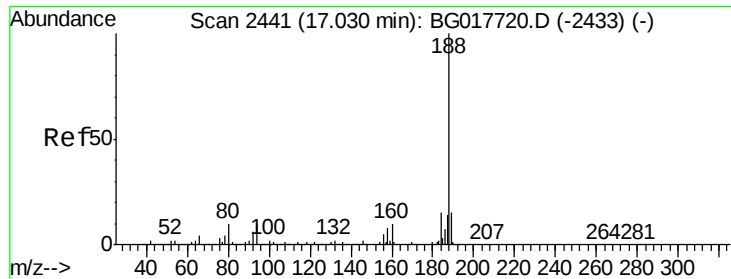
#44
 2-Fluorobiphenyl
 Concen: 93.85 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG017953.D
 Acq: 18 Jul 2015 8:48

Tgt Ion: 172 Resp: 1350854
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.7 46.1
 170 25.9 19.7 29.5



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: 16.99 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG017953.D

Acq: 18 Jul 2015 8:48

Instrument :

BNA_G

ClientSampleId :

FB-01-071515

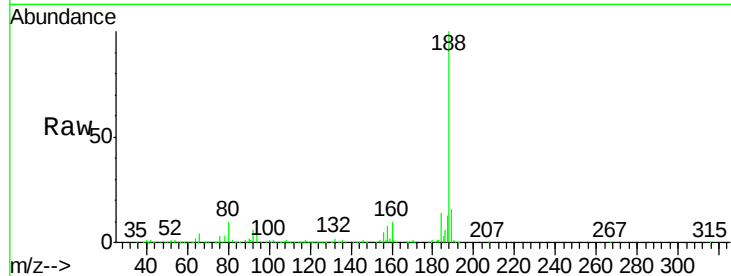
Tgt Ion:188 Resp: 533276

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

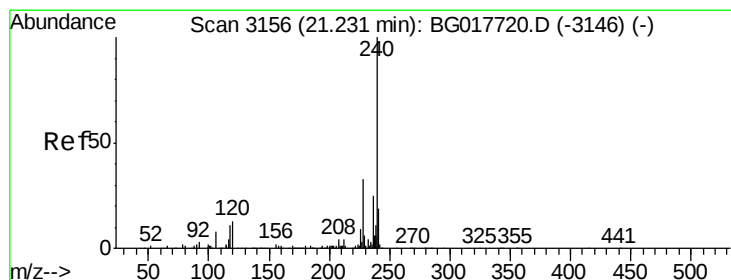
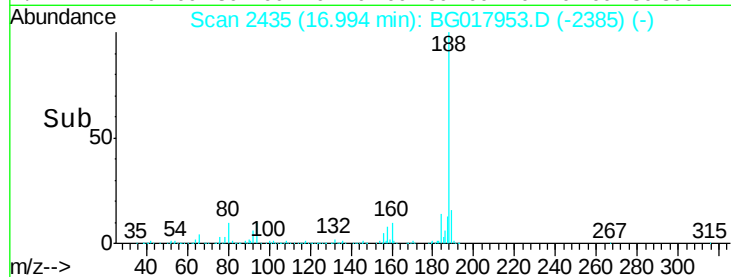
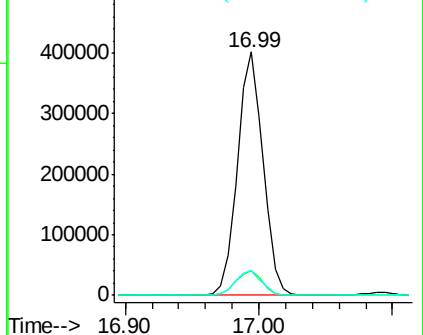
80 10.0 8.2 12.4



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: 21.20 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017953.D

Acq: 18 Jul 2015 8:48

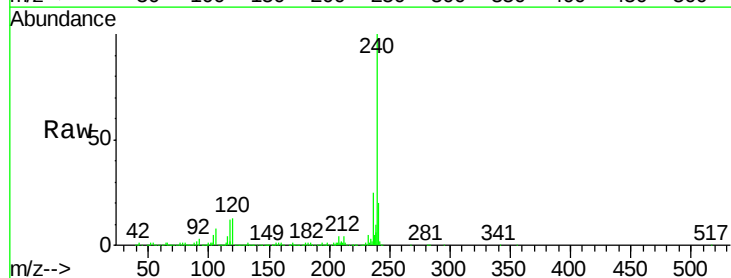
Tgt Ion:240 Resp: 538514

Ion Ratio Lower Upper

240 100

120 13.0 10.8 16.2

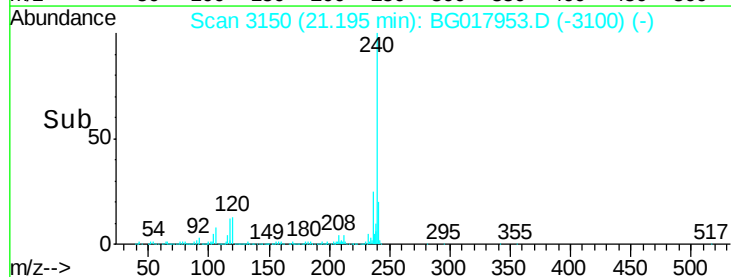
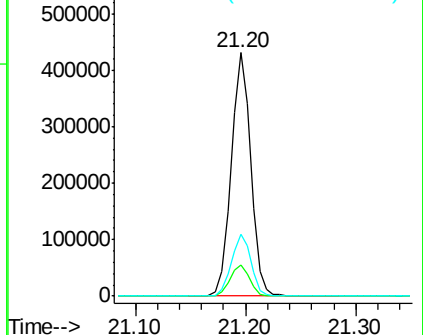
236 25.4 20.0 30.0

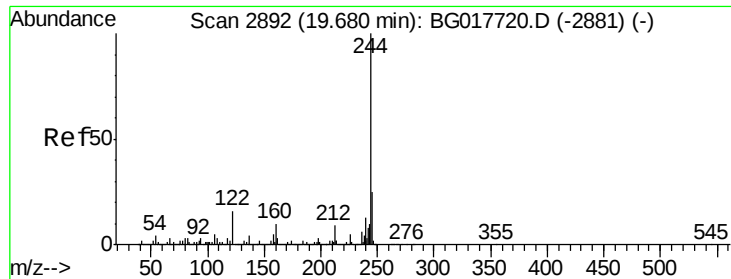


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.02 ng

RT: 19.64 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG017953.D

Acq: 18 Jul 2015 8:48

Instrument :

BNA_G

ClientSampleId :

FB-01-071515

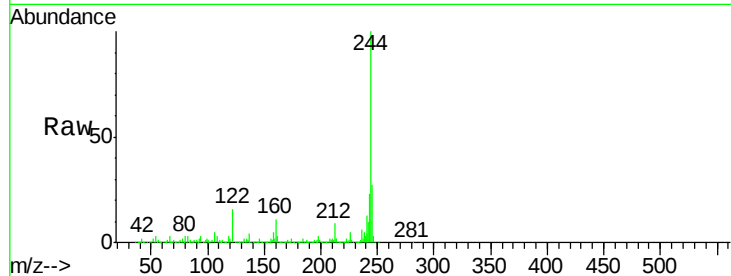
Tgt Ion:244 Resp: 1988540

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

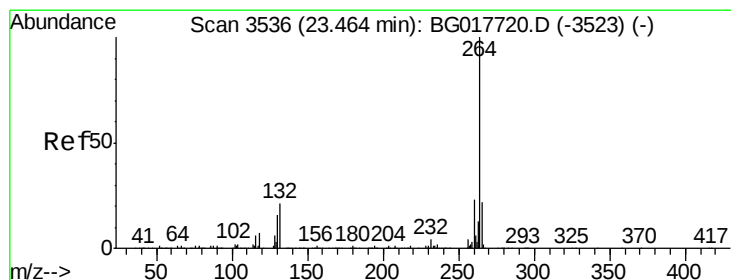
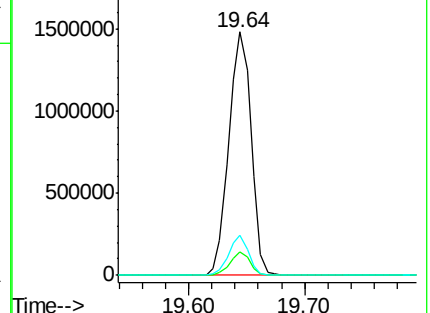
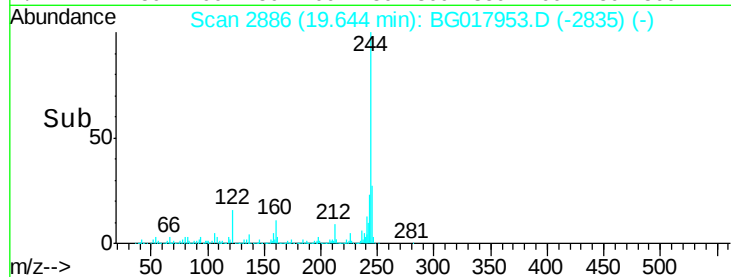
122 16.2 12.8 19.2



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: 23.41 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG017953.D

Acq: 18 Jul 2015 8:48

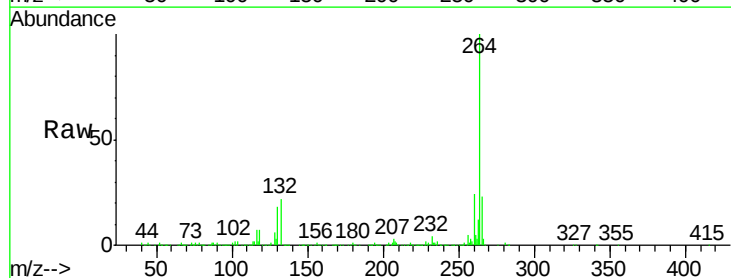
Tgt Ion:264 Resp: 512337

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 23.3 18.2 27.2



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

