

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017753.D
 Acq On : 22 Jun 2015 19:48
 Operator : TP/IZ
 Sample : G2716-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 76-INFIELD(0-2)-14

Quant Time: Jun 23 03:08:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 06:05:07 2015
 Response via : Initial Calibration

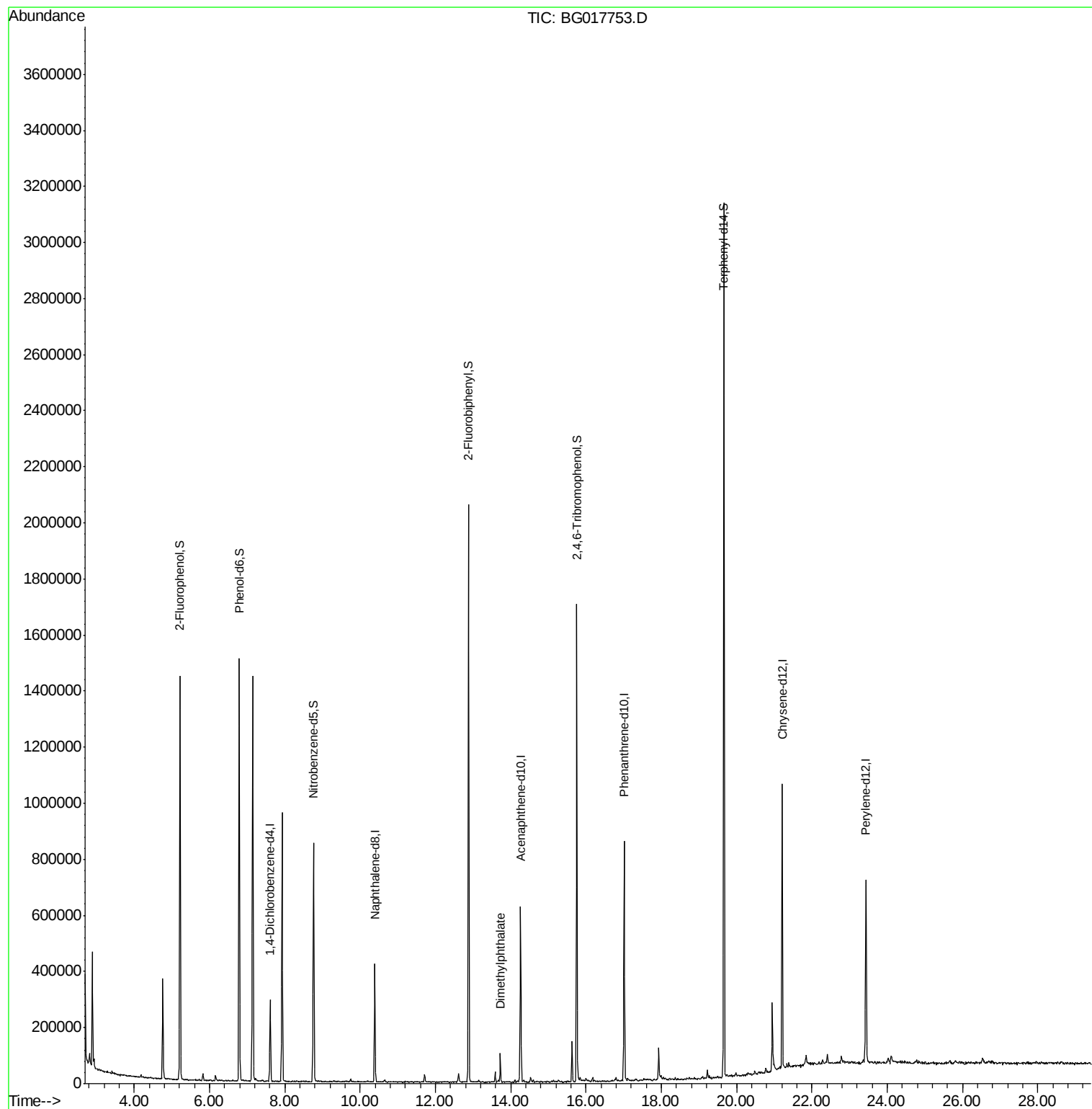
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	67574	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	316189	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	198594	20.00	ng	-0.01
63) Phenanthrene-d10	17.01	188	426567	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	422253	20.00	ng	-0.02
86) Perylene-d12	23.43	264	406742	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	528761	137.32	ng	-0.01
7) Phenol-d6	6.79	99	738522	136.46	ng	-0.01
23) Nitrobenzene-d5	8.76	82	464729	84.55	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	208232	113.08	ng	-0.02
44) 2-Fluorobiphenyl	12.88	172	893966	73.11	ng	-0.02
78) Terphenyl-d14	19.66	244	1189223	64.00	ng	-0.02
Target Compounds						
49) Dimethylphthalate	13.72	163	57689	3.80	ng	Qvalue 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG017753.D

Acq: 22 Jun 2015 19:48

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-14

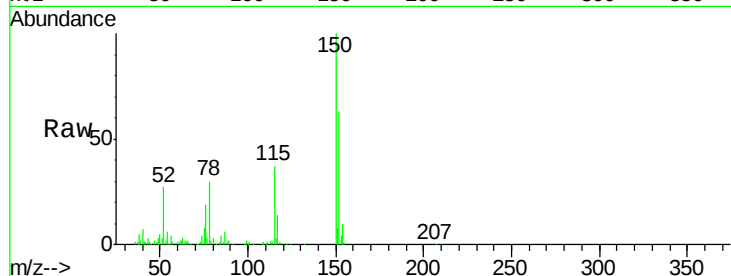
Tgt Ion:152 Resp: 67574

Ion Ratio Lower Upper

152 100

150 157.5 119.1 178.7

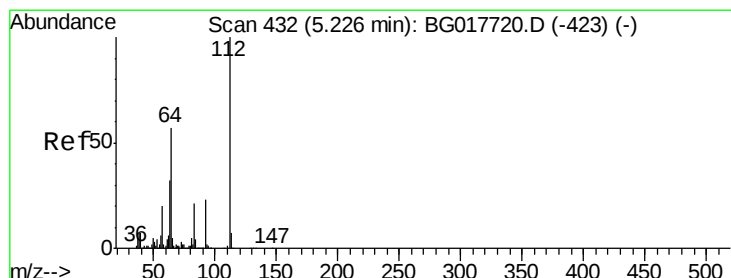
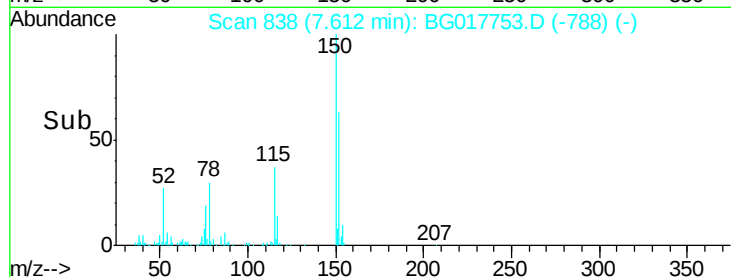
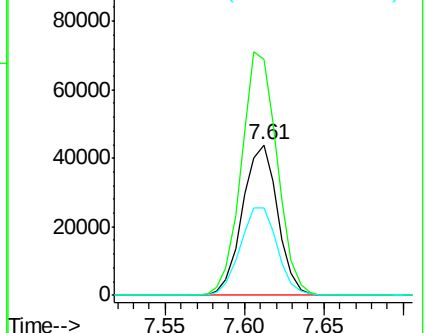
115 58.0 47.0 70.4



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: 137.32 ng

RT: 5.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG017753.D

Acq: 22 Jun 2015 19:48

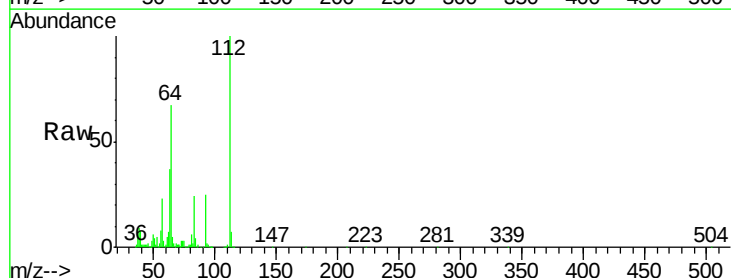
Tgt Ion:112 Resp: 528761

Ion Ratio Lower Upper

112 100

64 66.5 45.4 68.0

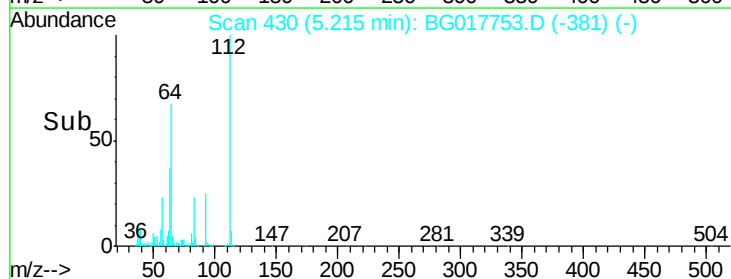
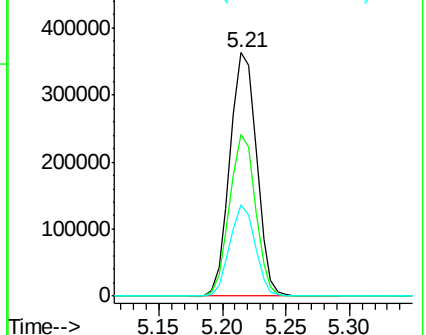
63 37.5 25.3 37.9

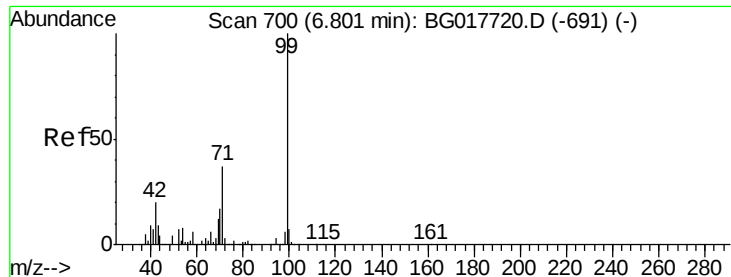


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 136.46 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017753.D

Acq: 22 Jun 2015 19:48

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-14

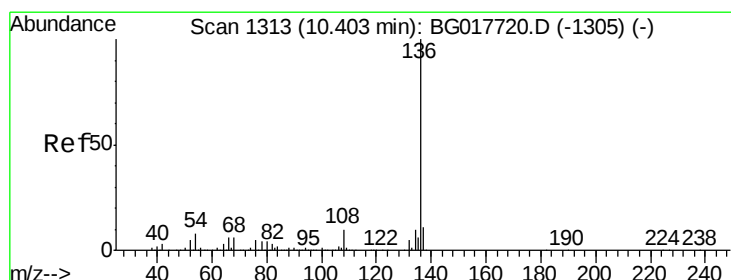
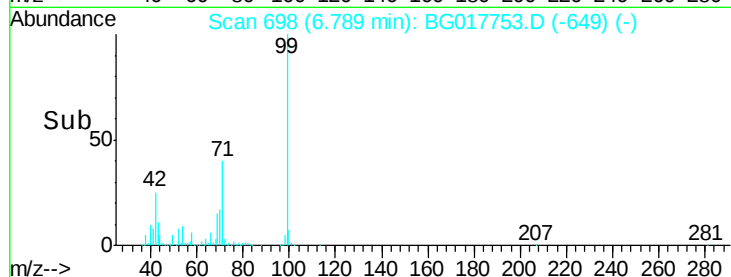
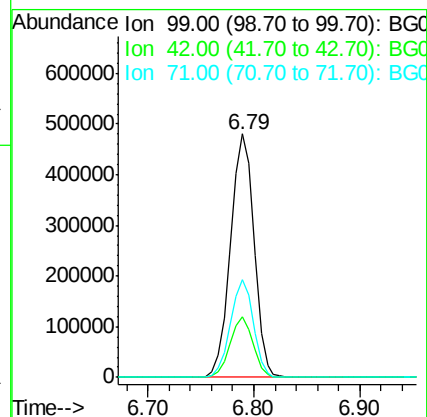
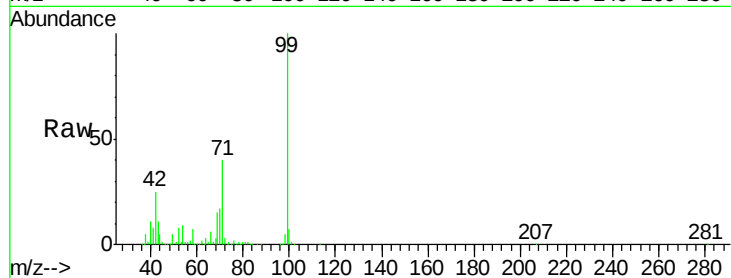
Tgt Ion: 99 Resp: 738522

Ion Ratio Lower Upper

99 100

42 24.8 16.2 24.4#

71 40.0 29.5 44.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG017753.D

Acq: 22 Jun 2015 19:48

Tgt Ion: 136 Resp: 316189

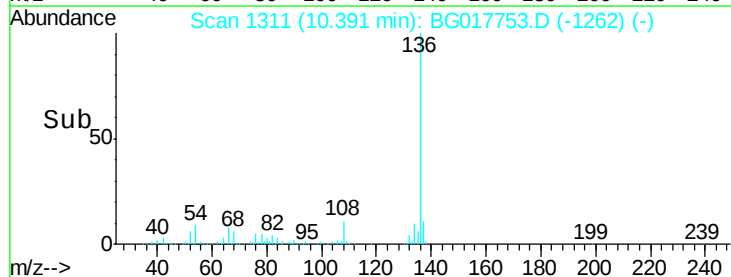
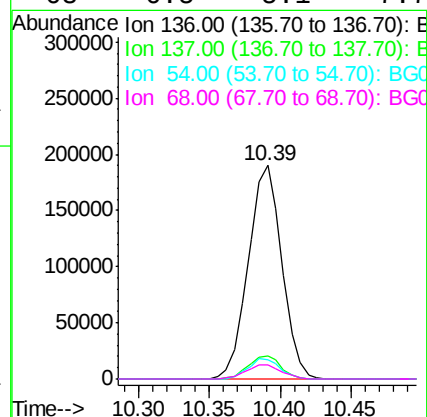
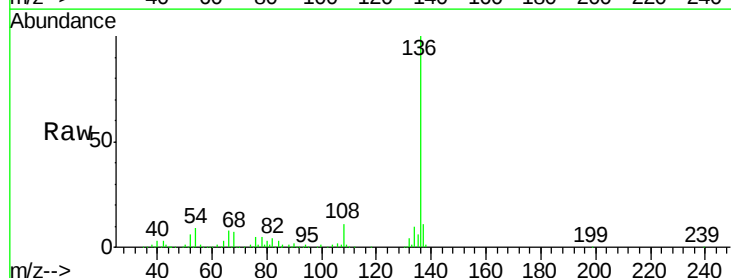
Ion Ratio Lower Upper

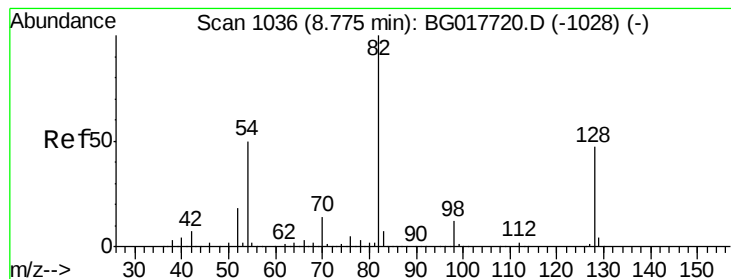
136 100

137 10.8 8.8 13.2

54 9.2 6.6 9.8

68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 84.55 ng

RT: 8.76 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG017753.D

Acq: 22 Jun 2015 19:48

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-14

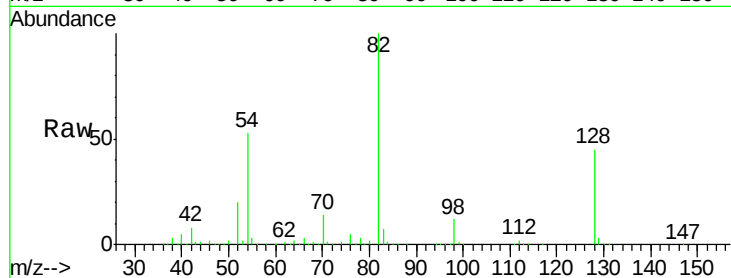
Tgt Ion: 82 Resp: 464729

Ion Ratio Lower Upper

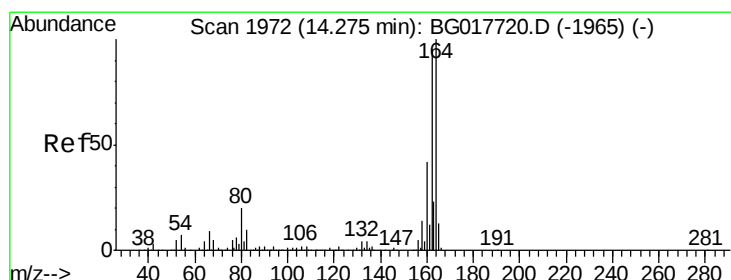
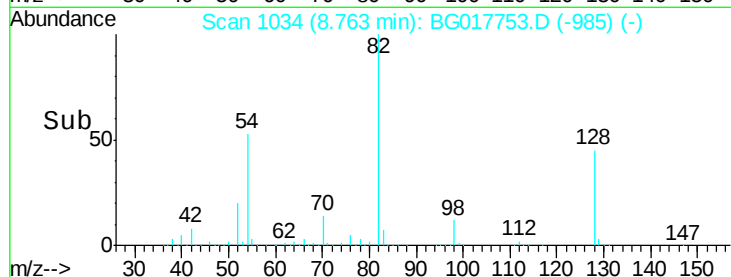
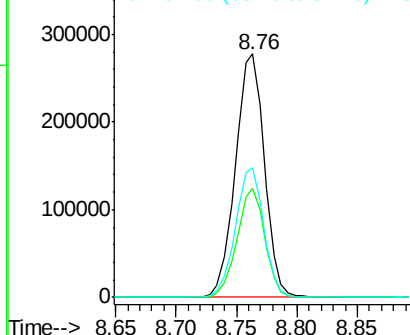
82 100

128 44.6 37.8 56.6

54 53.4 39.9 59.9



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: 14.26 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG017753.D

Acq: 22 Jun 2015 19:48

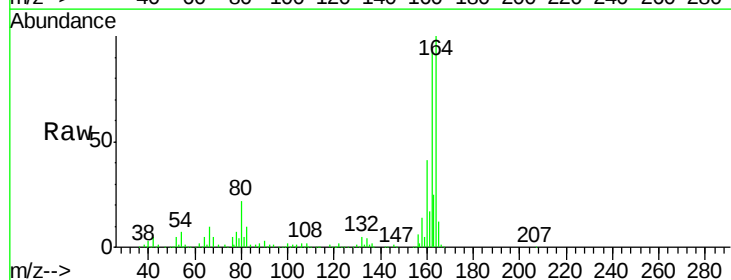
Tgt Ion: 164 Resp: 198594

Ion Ratio Lower Upper

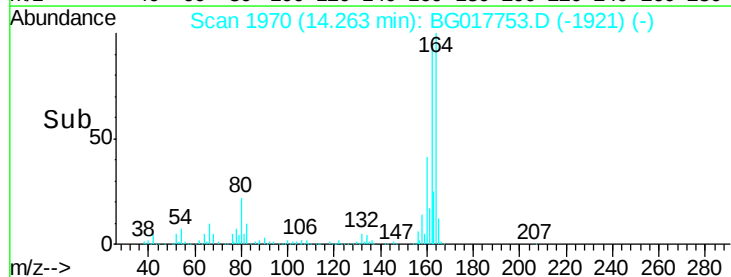
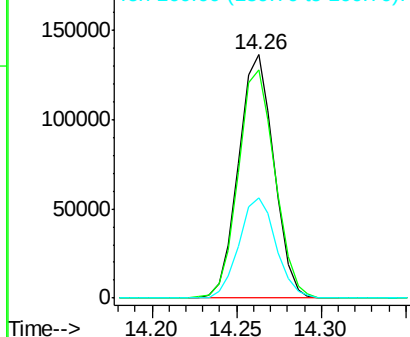
164 100

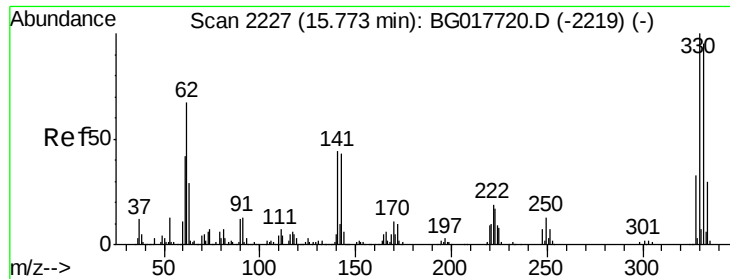
162 93.8 76.3 114.5

160 41.3 33.7 50.5



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

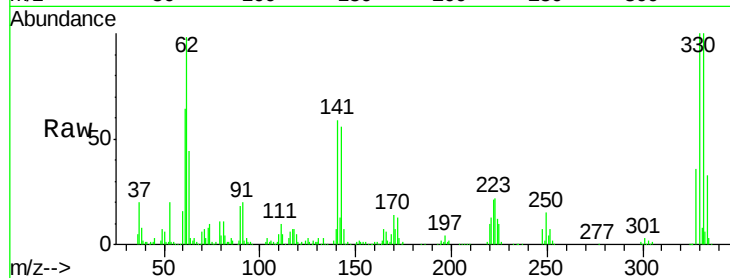




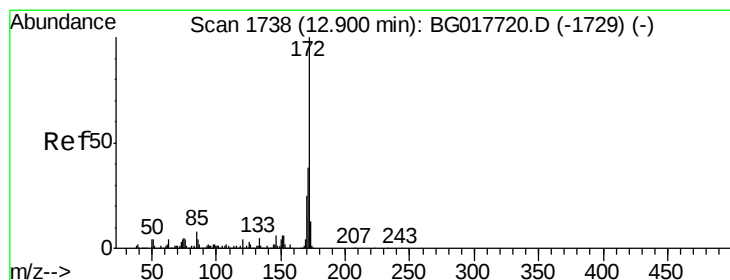
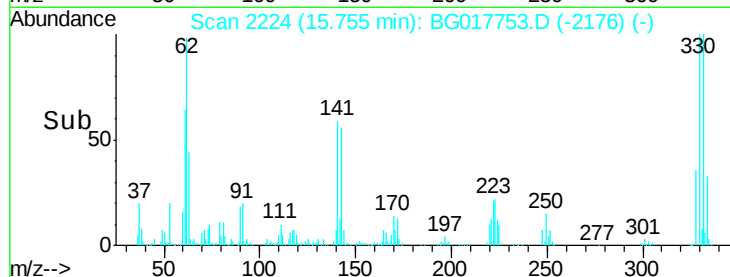
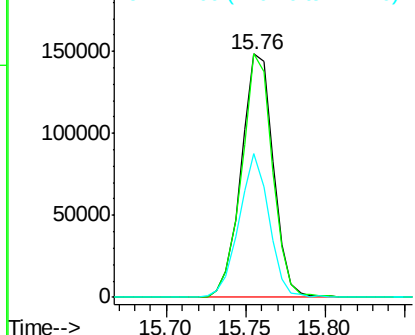
#41
 2,4,6-Tribromophenol
 Concen: 113.08 ng
 RT: 15.76 min Scan# 2224
 Delta R.T. -0.02 min
 Lab File: BG017753.D
 Acq: 22 Jun 2015 19:48

Instrument :
 BNA_G
 ClientSampleId :
 76-INFIELD(0-2)-14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	55.7	38.0	57.0

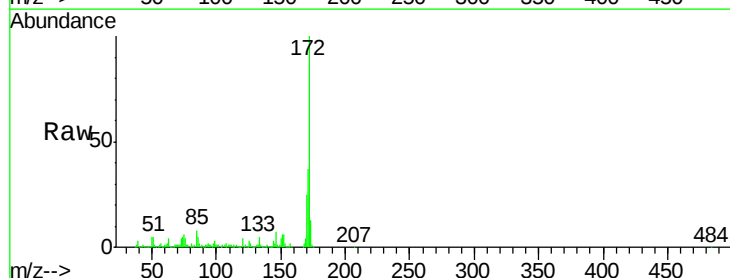


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

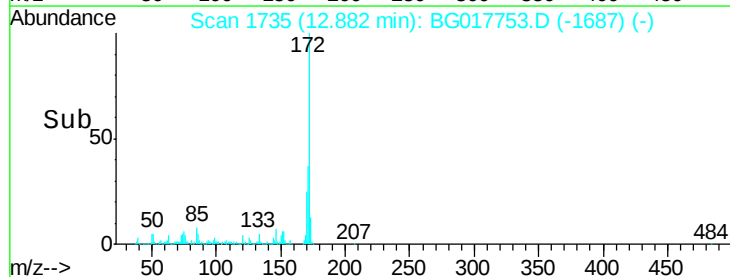
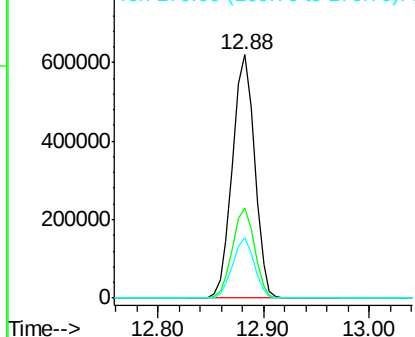


#44
 2-Fluorobiphenyl
 Concen: 73.11 ng
 RT: 12.88 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG017753.D
 Acq: 22 Jun 2015 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.7	46.1
170	24.7	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





#49

Dimethylphthalate

Concen: 3.80 ng

RT: 13.72 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG017753.D

Acq: 22 Jun 2015 19:48

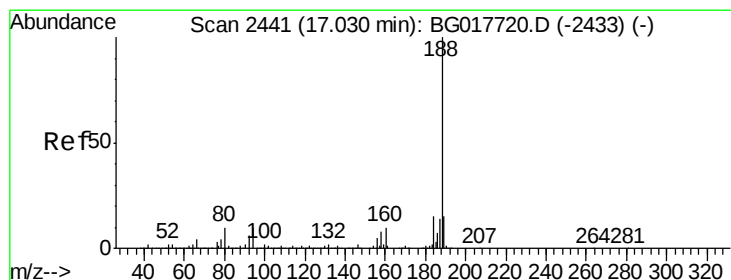
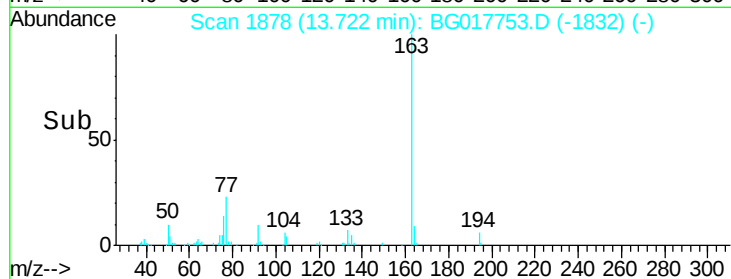
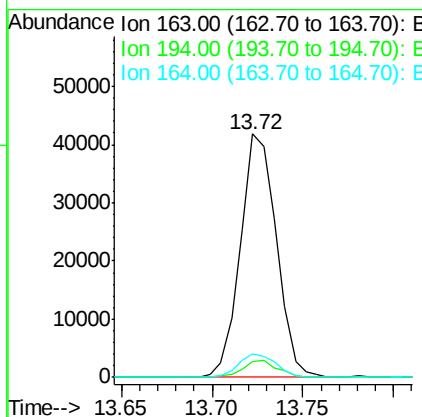
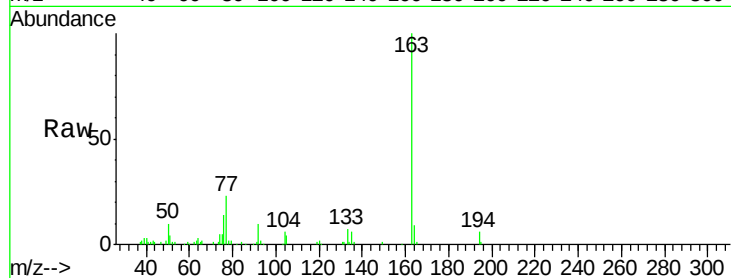
Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-14

Tgt Ion:	163	Resp:	57689
Ion	Ratio	Lower	Upper
163	100		
194	6.3	5.8	8.6
164	9.4	8.3	12.5



#63

Phenanthrene-d10

Concen: 20.00 ng

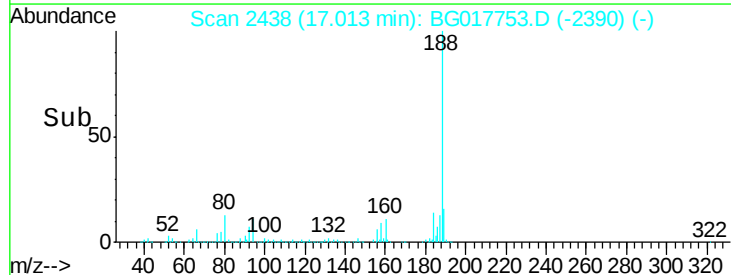
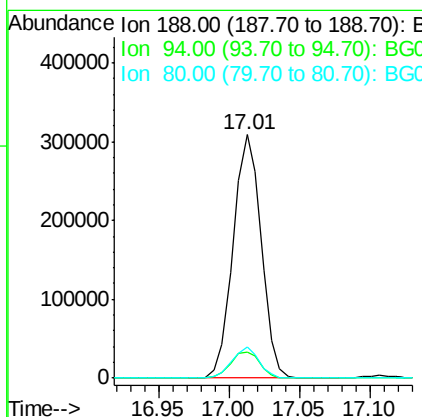
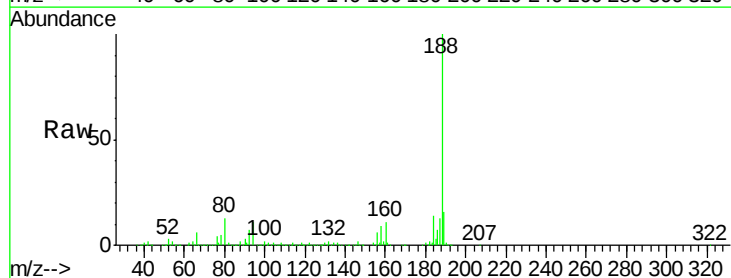
RT: 17.01 min Scan# 2438

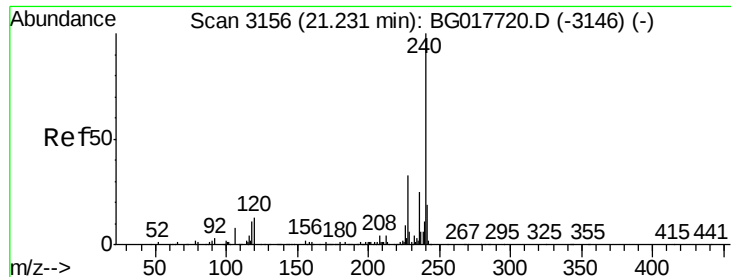
Delta R.T. -0.02 min

Lab File: BG017753.D

Acq: 22 Jun 2015 19:48

Tgt Ion:	188	Resp:	426567
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.2	12.2
80	12.9	8.2	12.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG017753.D

Acq: 22 Jun 2015 19:48

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-14

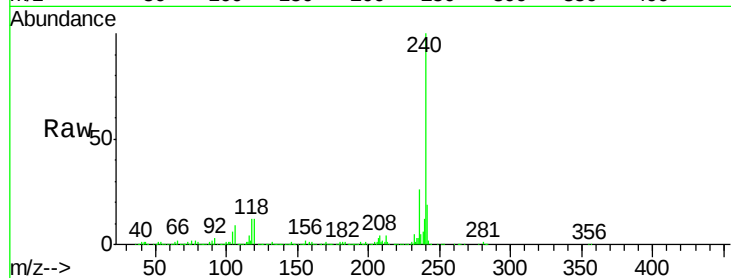
Tgt Ion:240 Resp: 422253

Ion Ratio Lower Upper

240 100

120 12.2 10.8 16.2

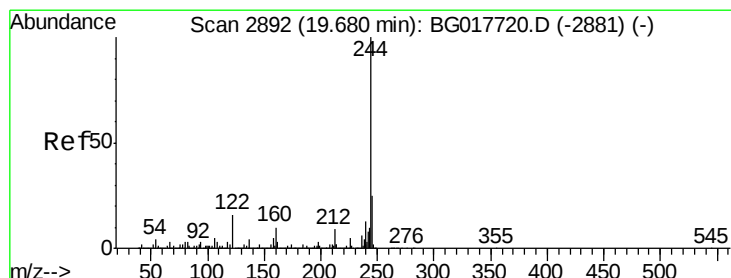
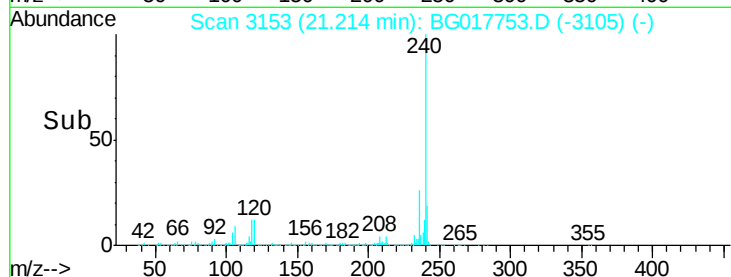
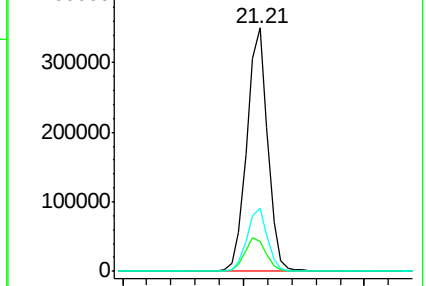
236 25.7 20.0 30.0



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: 64.00 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017753.D

Acq: 22 Jun 2015 19:48

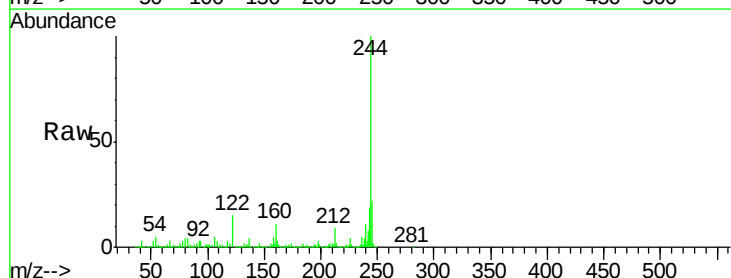
Tgt Ion:244 Resp: 1189223

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

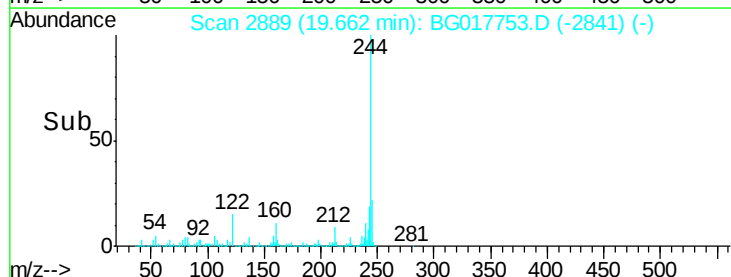
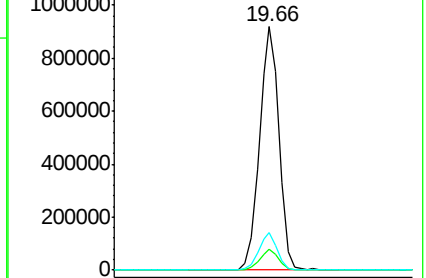
122 15.3 12.8 19.2

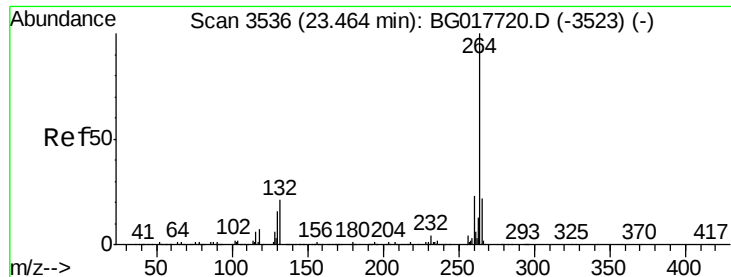


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

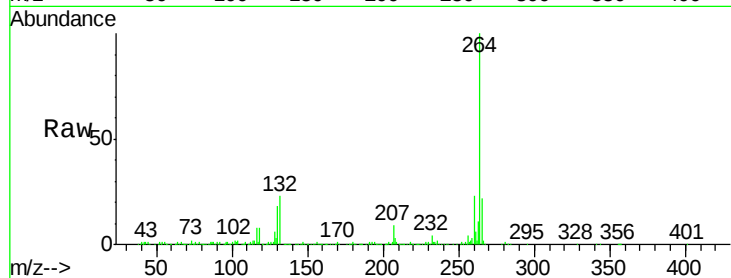




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3531
Delta R.T. -0.03 min
Lab File: BG017753.D
Acq: 22 Jun 2015 19:48

Instrument :
BNA_G
ClientSampleId :
76-INFIELD(0-2)-14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.3	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

