

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017754.D
 Acq On : 22 Jun 2015 20:23
 Operator : TP/IZ
 Sample : G2716-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 76-INFIELD(0-2)-15

Quant Time: Jun 23 02:19:44 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

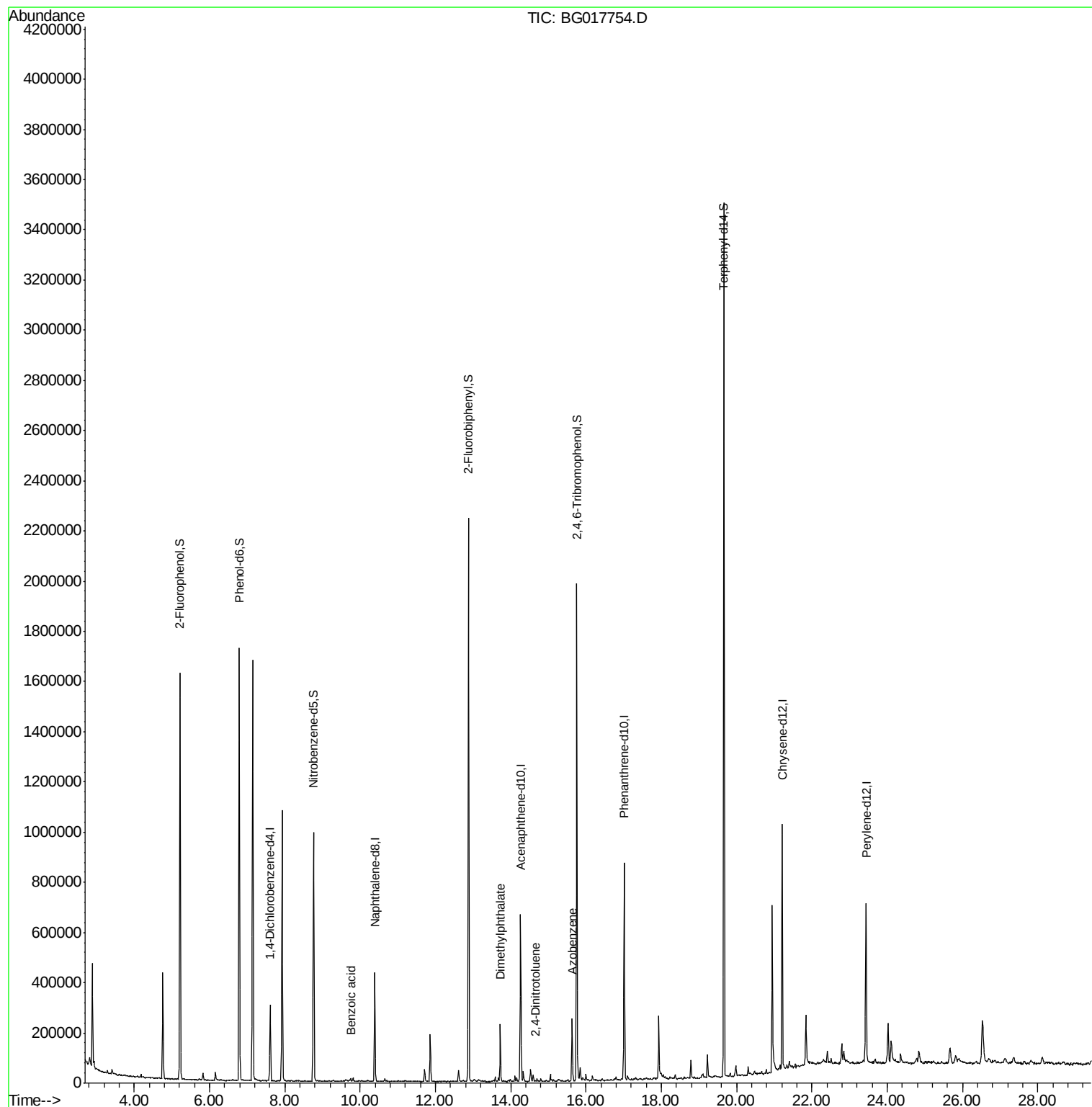
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	71474	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	334243	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	205051	20.00	ng	-0.01
63) Phenanthrene-d10	17.01	188	438488	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	432864	20.00	ng	-0.02
86) Perylene-d12	23.44	264	420488	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	595996	146.34	ng	-0.01
7) Phenol-d6	6.79	99	850544	148.58	ng	-0.01
23) Nitrobenzene-d5	8.76	82	528424	90.94	ng	-0.01
41) 2,4,6-Tribromophenol	15.76	330	242247	127.41	ng	-0.01
44) 2-Fluorobiphenyl	12.88	172	961329	76.14	ng	-0.02
78) Terphenyl-d14	19.66	244	1231796	64.66	ng	-0.02
Target Compounds						
32) Benzoic acid	9.76	122	128	7.81	ng	Qvalue 86
49) Dimethylphthalate	13.73	163	127378	8.12	ng	97
56) 2,4-Dinitrotoluene	14.66	165	56	2.94	ng	# 23
62) Azobenzene	15.63	77	72735	4.08	ng	# 17

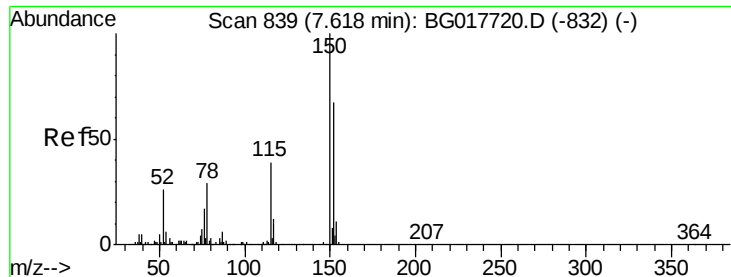
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 06:05:07 2015
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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: BG017754.D

Acq: 22 Jun 2015 20:23

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-15

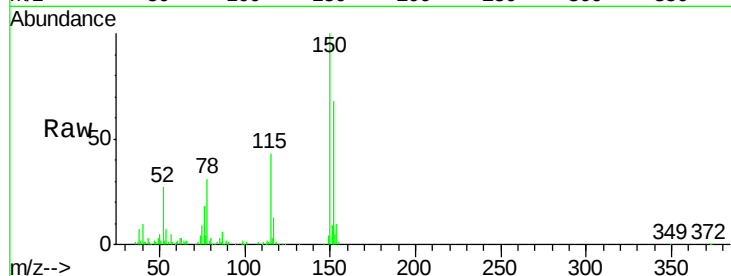
Tgt Ion:152 Resp: 71474

Ion Ratio Lower Upper

152 100

150 146.9 119.1 178.7

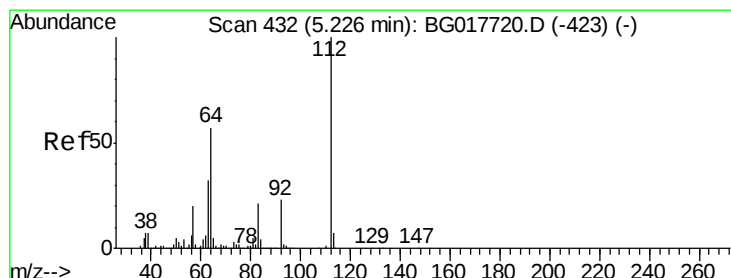
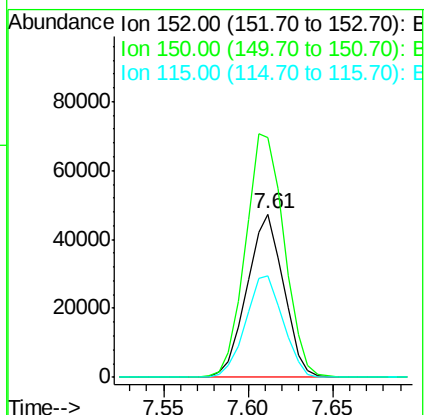
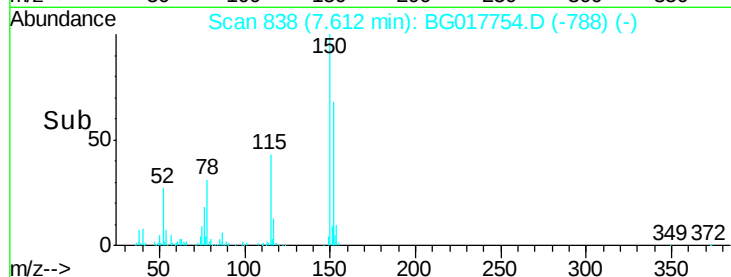
115 62.5 47.0 70.4



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: 146.34 ng

RT: 5.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG017754.D

Acq: 22 Jun 2015 20:23

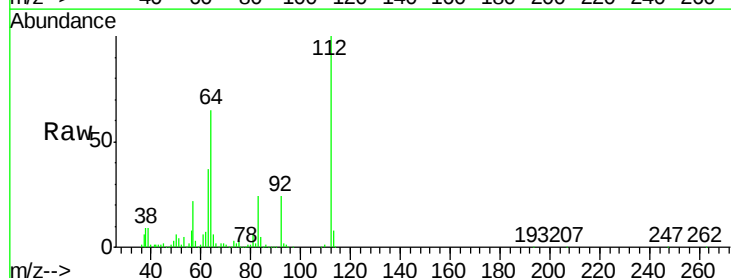
Tgt Ion:112 Resp: 595996

Ion Ratio Lower Upper

112 100

64 64.7 45.4 68.0

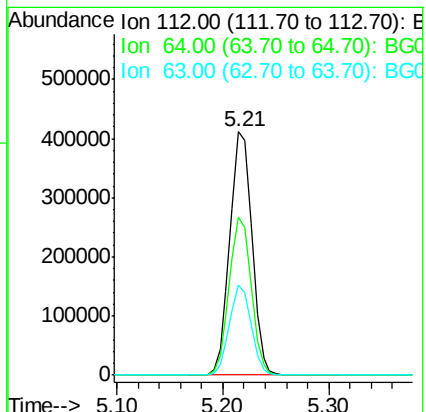
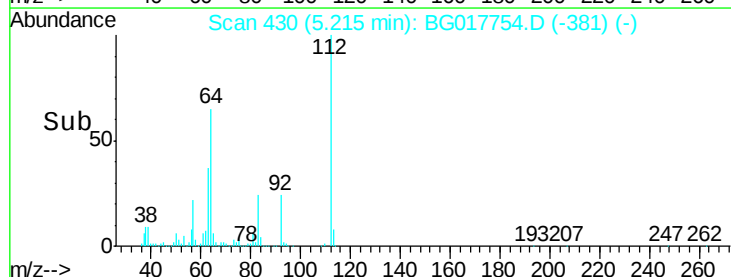
63 36.8 25.3 37.9

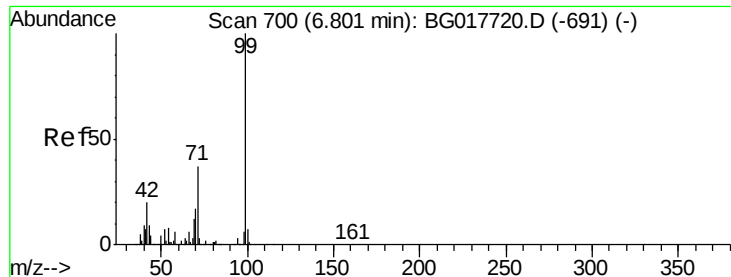


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 148.58 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017754.D

Acq: 22 Jun 2015 20:23

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-15

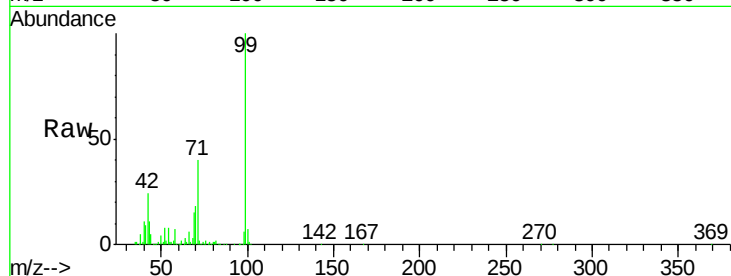
Tgt Ion: 99 Resp: 850544

Ion Ratio Lower Upper

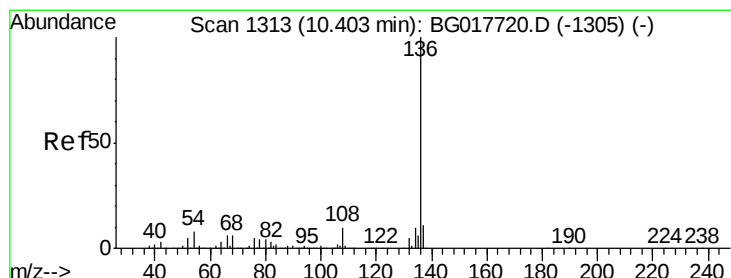
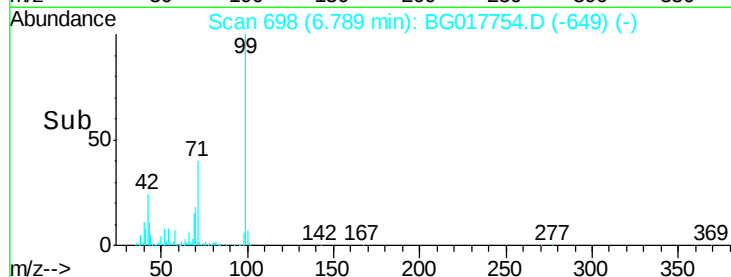
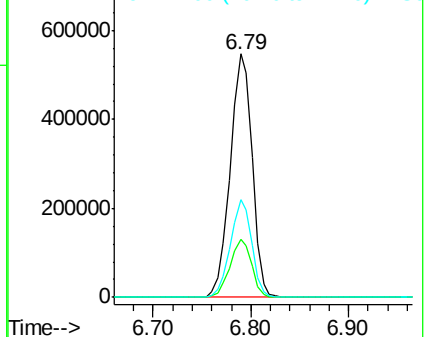
99 100

42 24.1 16.2 24.4

71 40.0 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: 10.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG017754.D

Acq: 22 Jun 2015 20:23

Tgt Ion: 136 Resp: 334243

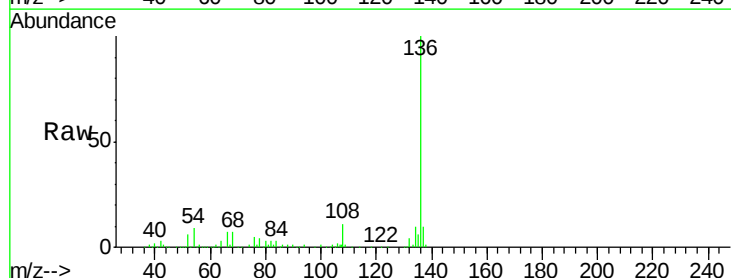
Ion Ratio Lower Upper

136 100

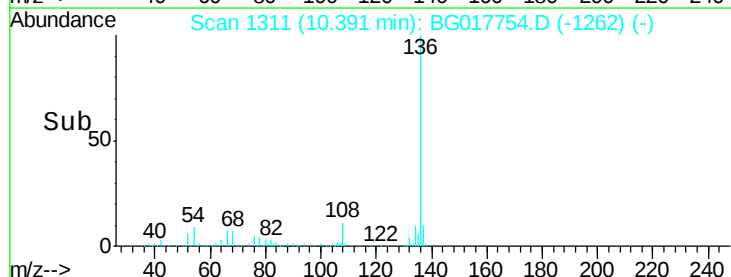
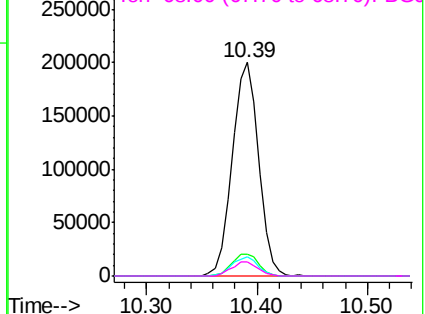
137 10.5 8.8 13.2

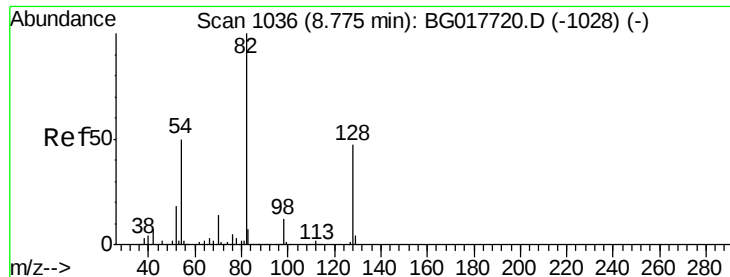
54 9.0 6.6 9.8

68 6.7 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

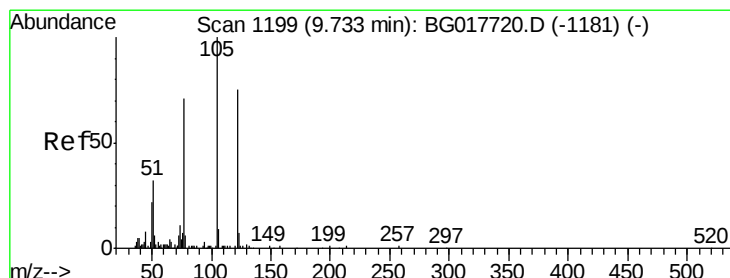
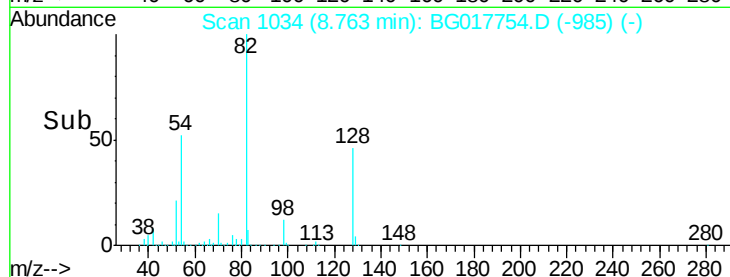
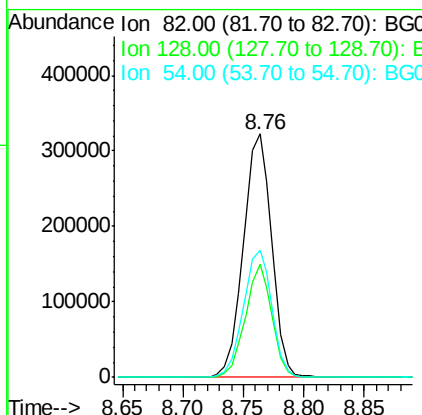
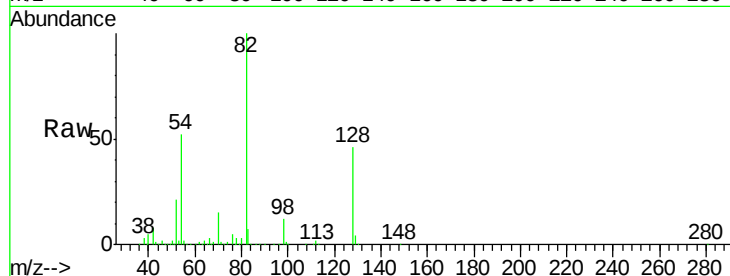




#23
 Nitrobenzene-d5
 Concen: 90.94 ng
 RT: 8.76 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG017754.D
 Acq: 22 Jun 2015 20:23

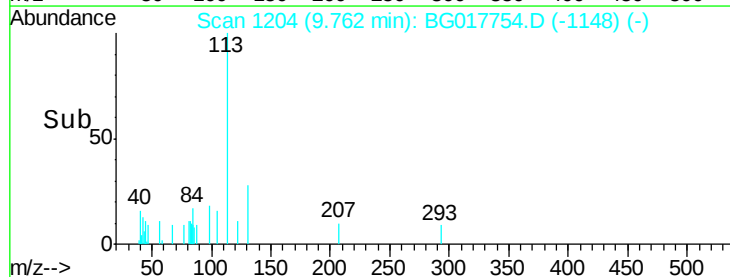
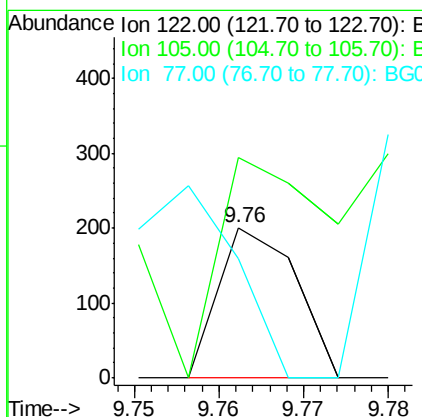
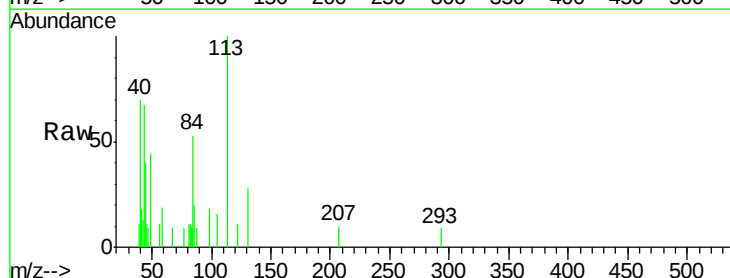
Instrument :
 BNA_G
 ClientSampleId :
 76-INFIELD(0-2)-15

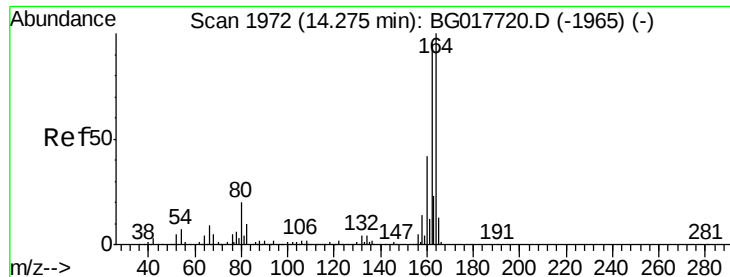
Tgt Ion: 82 Resp: 528424
 Ion Ratio Lower Upper
 82 100
 128 46.2 37.8 56.6
 54 52.4 39.9 59.9



#32
 Benzoic acid
 Concen: 7.81 ng
 RT: 9.76 min Scan# 1204
 Delta R.T. 0.03 min
 Lab File: BG017754.D
 Acq: 22 Jun 2015 20:23

Tgt Ion: 122 Resp: 128
 Ion Ratio Lower Upper
 122 100
 105 146.3 111.3 151.3
 77 79.6 75.2 115.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.26 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG017754.D

Acq: 22 Jun 2015 20:23

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-15

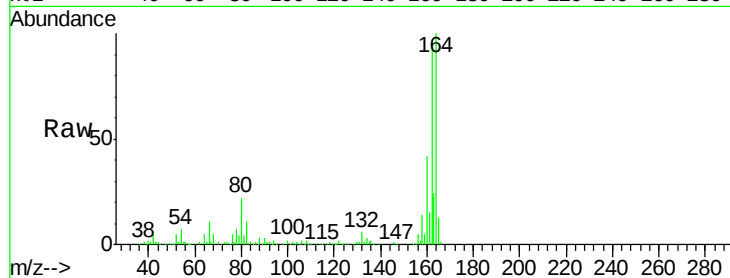
Tgt Ion:164 Resp: 205051

Ion Ratio Lower Upper

164 100

162 97.3 76.3 114.5

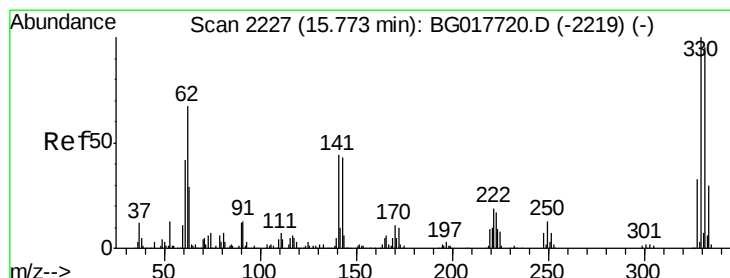
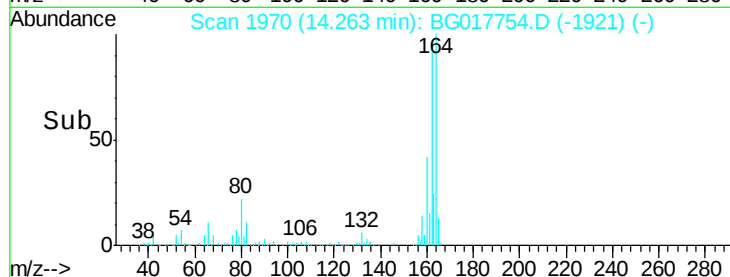
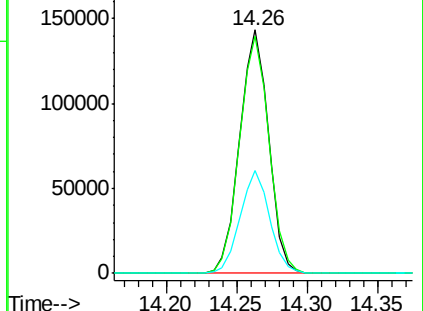
160 42.1 33.7 50.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 127.41 ng

RT: 15.76 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG017754.D

Acq: 22 Jun 2015 20:23

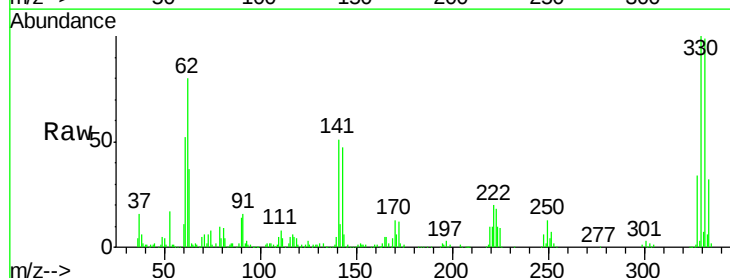
Tgt Ion:330 Resp: 242247

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

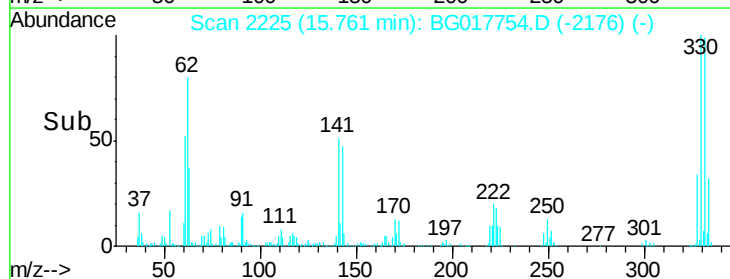
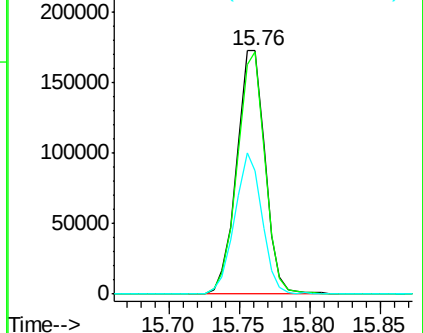
141 56.2 38.0 57.0

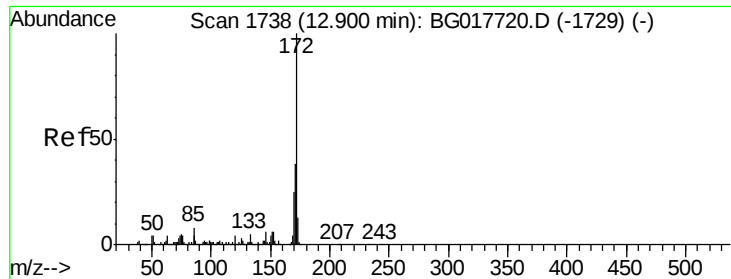


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

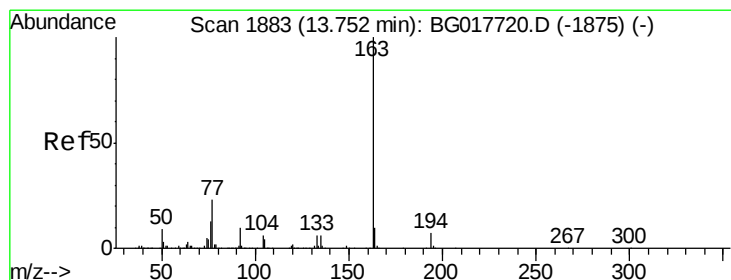
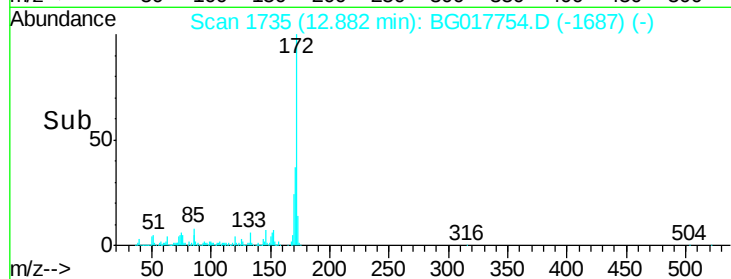
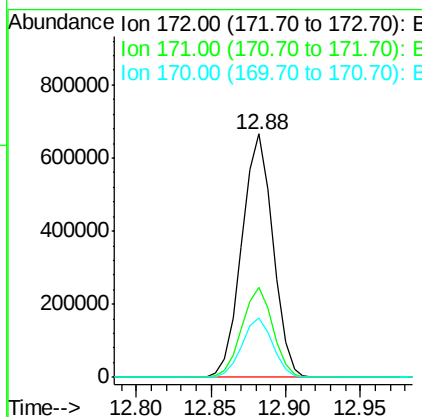
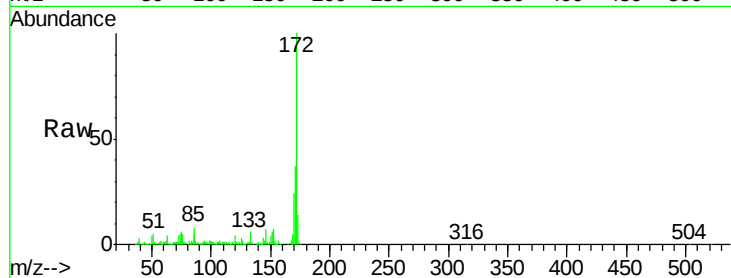




#44
2-Fluorobiphenyl
Concen: 76.14 ng
RT: 12.88 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG017754.D
Acq: 22 Jun 2015 20:23

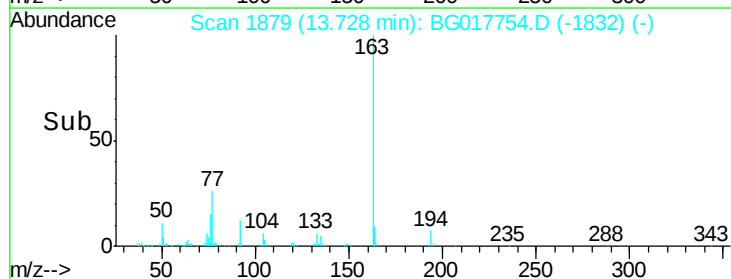
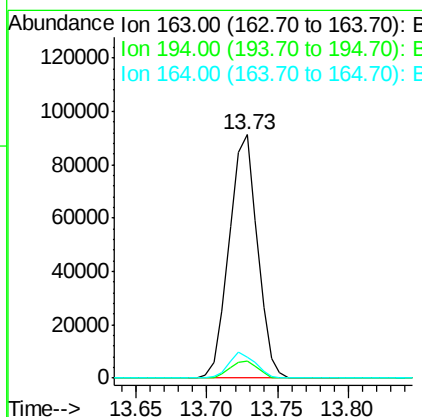
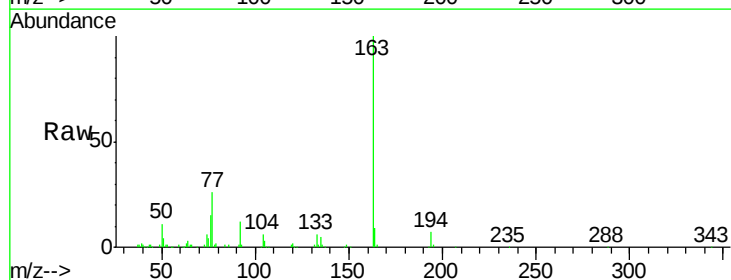
Instrument :
BNA_G
ClientSampleId :
76-INFIELD(0-2)-15

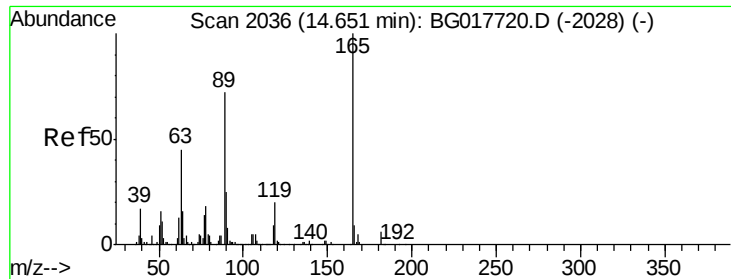
Tgt Ion:172 Resp: 961329
Ion Ratio Lower Upper
172 100
171 37.2 30.7 46.1
170 24.4 19.7 29.5



#49
Dimethylphthalate
Concen: 8.12 ng
RT: 13.73 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG017754.D
Acq: 22 Jun 2015 20:23

Tgt Ion:163 Resp: 127378
Ion Ratio Lower Upper
163 100
194 7.1 5.8 8.6
164 8.7 8.3 12.5

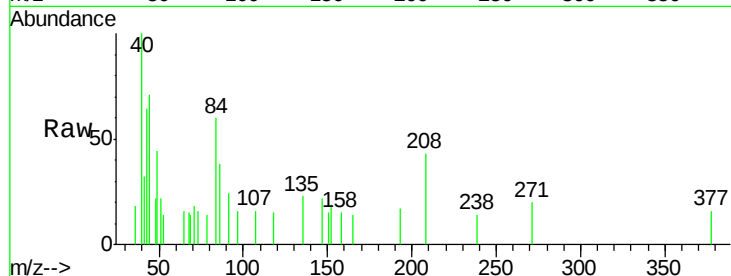




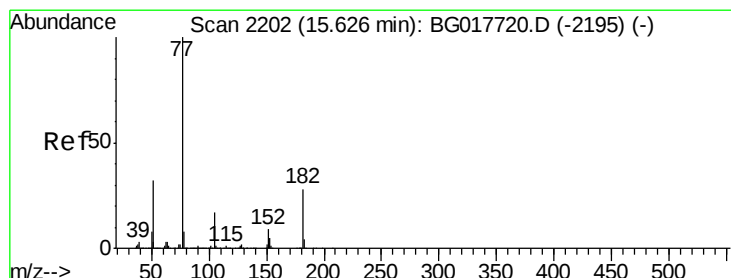
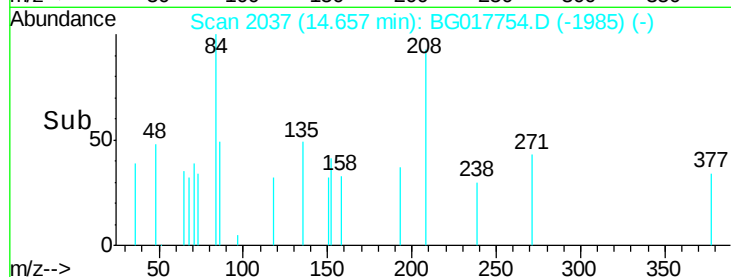
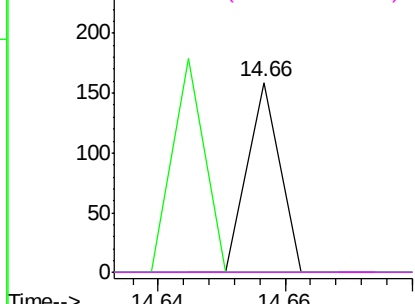
#56
2,4-Dinitrotoluene
Concen: 2.94 ng
RT: 14.66 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG017754.D
Acq: 22 Jun 2015 20:23

Instrument :
BNA_G
ClientSampleId :
76-INFIELD(0-2)-15

Tgt Ion: 165 Resp: 56
Ion Ratio Lower Upper
165 100
63 0.0 36.2 54.4#
89 0.0 57.9 86.9#
182 0.0 4.7 7.1#



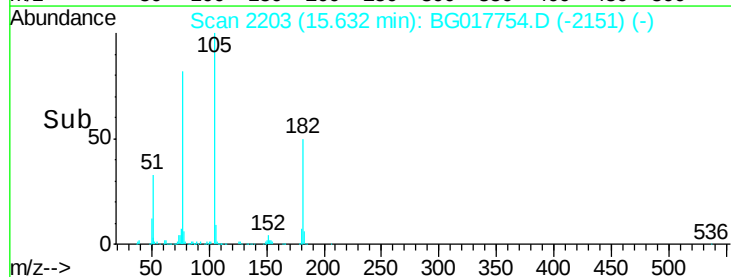
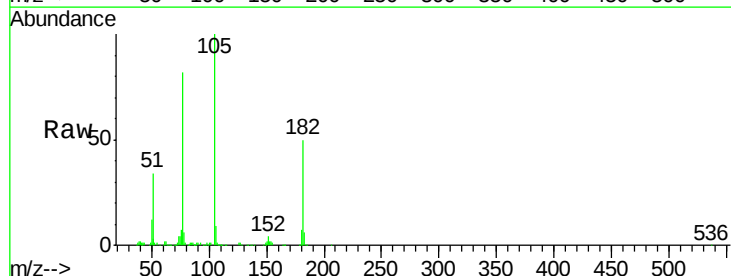
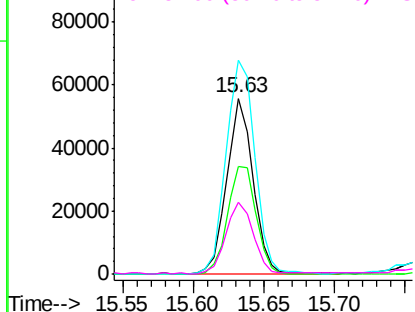
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

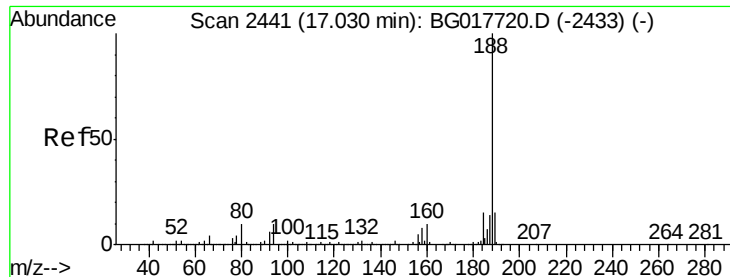


#62
Azobenzene
Concen: 4.08 ng
RT: 15.63 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BG017754.D
Acq: 22 Jun 2015 20:23

Tgt Ion: 77 Resp: 72735
Ion Ratio Lower Upper
77 100
182 61.1 8.2 48.2#
105 121.6 0.0 36.6#
51 41.0 11.7 51.7

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.01 min Scan# 2438

Delta R.T. -0.02 min

Lab File: BG017754.D

Acq: 22 Jun 2015 20:23

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-15

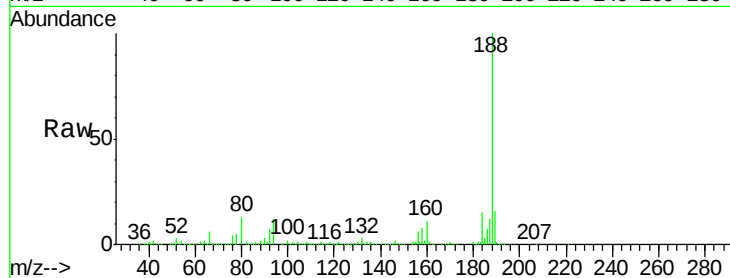
Tgt Ion:188 Resp: 438488

Ion Ratio Lower Upper

188 100

94 12.5 8.2 12.2#

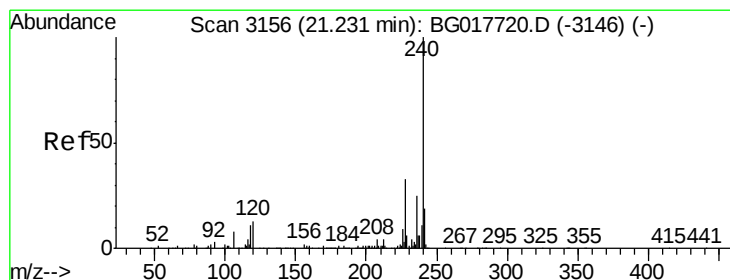
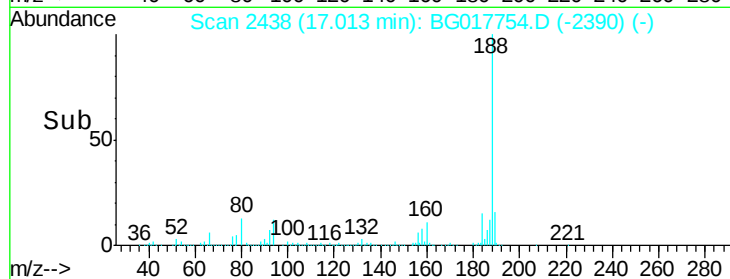
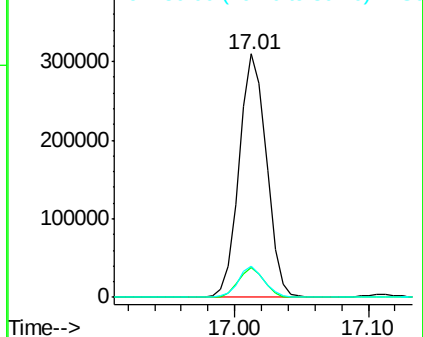
80 13.1 8.2 12.4#



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: 21.21 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG017754.D

Acq: 22 Jun 2015 20:23

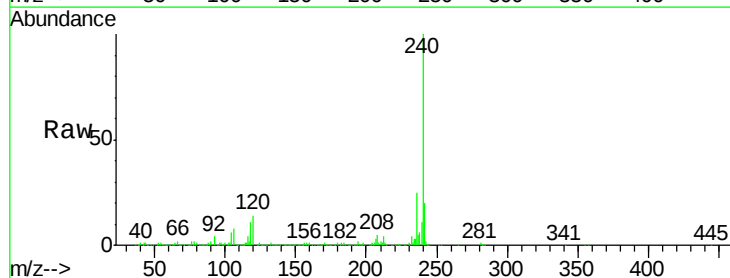
Tgt Ion:240 Resp: 432864

Ion Ratio Lower Upper

240 100

120 14.0 10.8 16.2

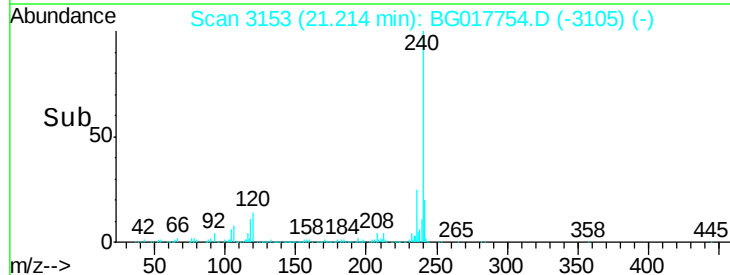
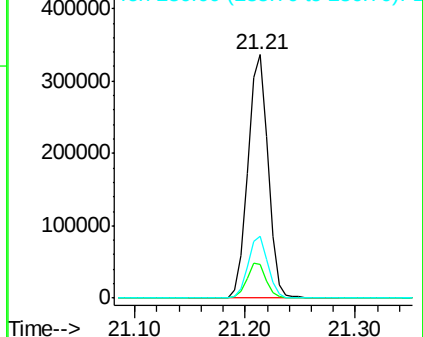
236 25.5 20.0 30.0

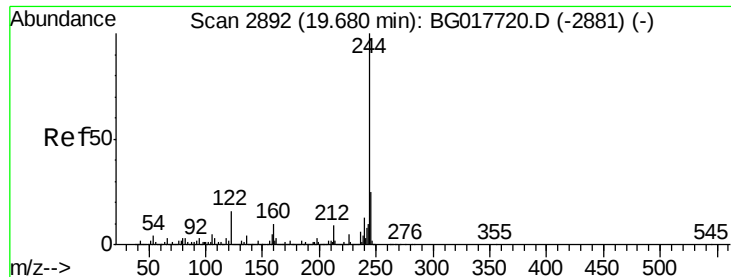


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.66 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017754.D

Acq: 22 Jun 2015 20:23

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-15

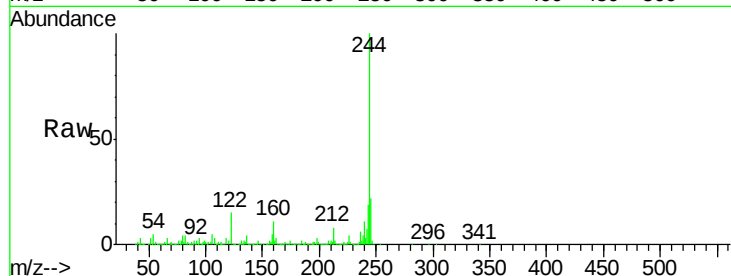
Tgt Ion:244 Resp: 1231796

Ion Ratio Lower Upper

244 100

212 8.1 7.2 10.8

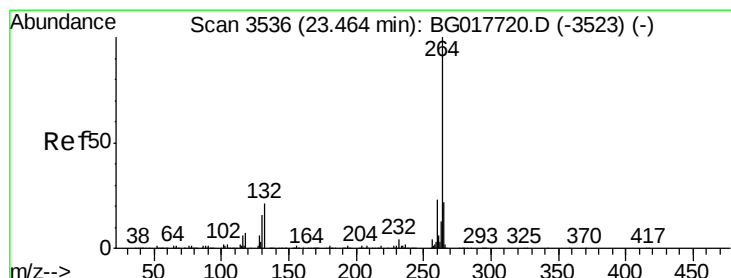
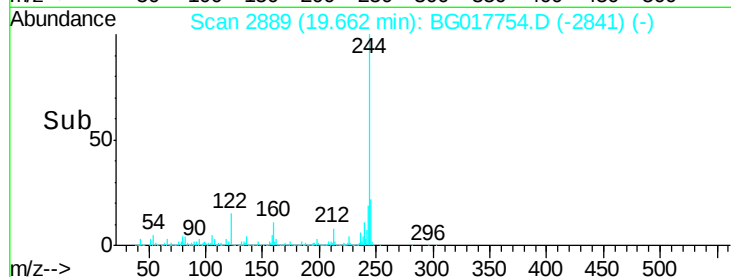
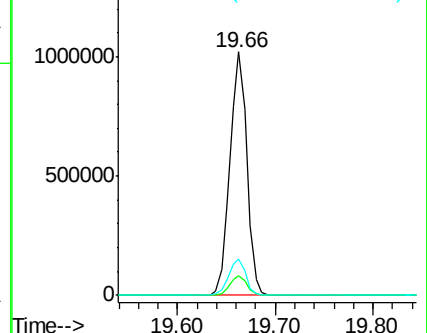
122 15.1 12.8 19.2



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: 23.44 min Scan# 3532

Delta R.T. -0.02 min

Lab File: BG017754.D

Acq: 22 Jun 2015 20:23

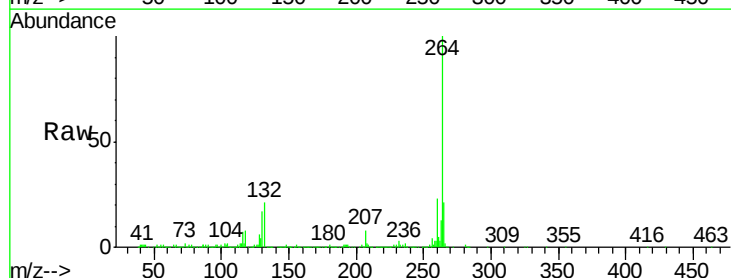
Tgt Ion:264 Resp: 420488

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.1 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

