

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
 Data File : BG017752.D
 Acq On : 22 Jun 2015 19:13
 Operator : TP/IZ
 Sample : G2715-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 76-INFIELD(0-2)-4

Quant Time: Jun 23 02:19:18 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

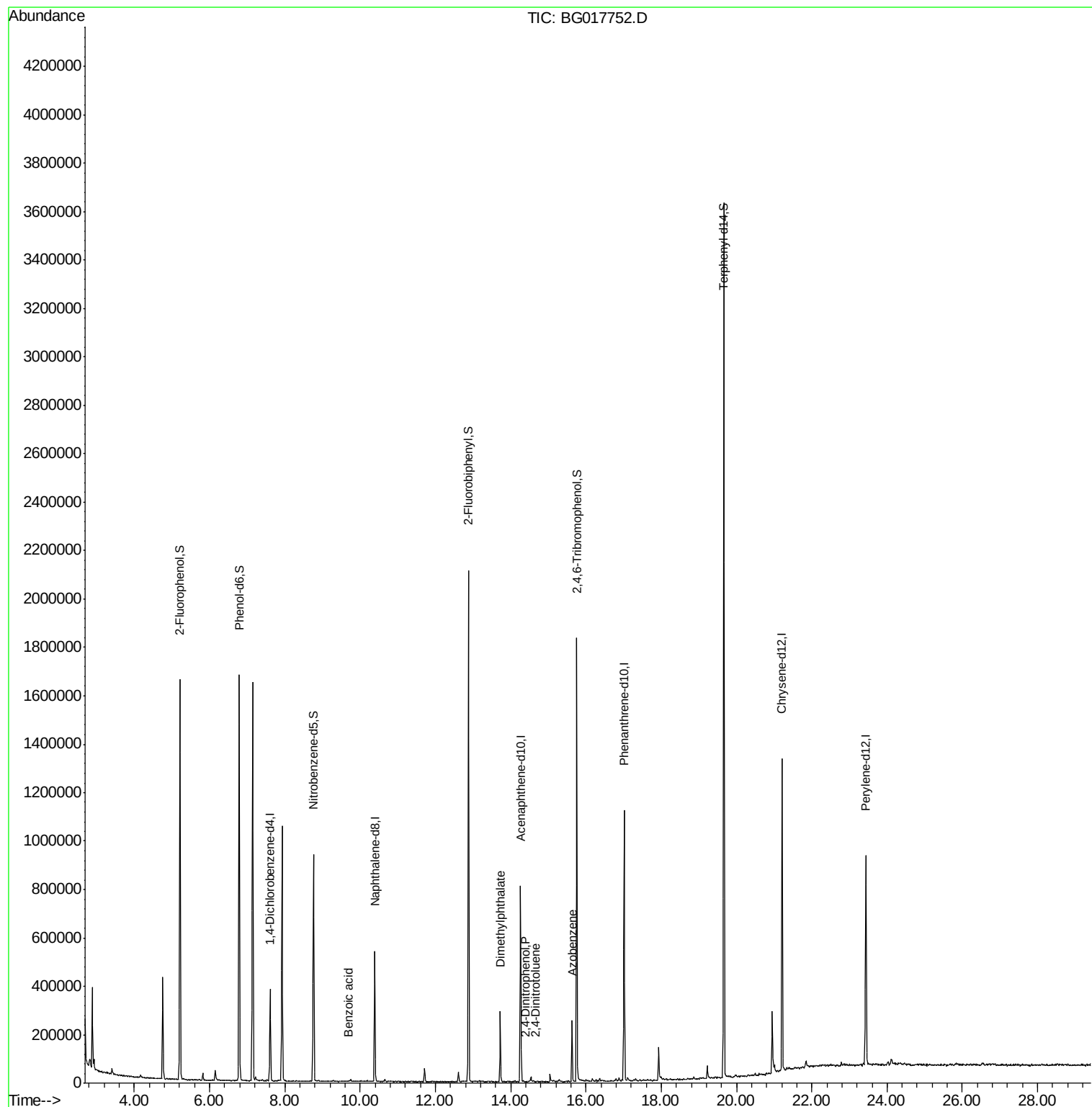
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	89509	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	403103	20.00	ng	-0.02
38) Acenaphthene-d10	14.26	164	245163	20.00	ng	0.00
63) Phenanthrene-d10	17.01	188	554083	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	553878	20.00	ng	-0.02
86) Perylene-d12	23.44	264	526208	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	598885	117.42	ng	0.00
7) Phenol-d6	6.79	99	832381	116.11	ng	0.00
23) Nitrobenzene-d5	8.76	82	514490	73.42	ng	-0.02
41) 2,4,6-Tribromophenol	15.76	330	229899	101.13	ng	-0.02
44) 2-Fluorobiphenyl	12.88	172	954967	63.26	ng	-0.02
78) Terphenyl-d14	19.66	244	1351770	55.46	ng	-0.02
Target Compounds						
32) Benzoic acid	9.69	122	56	7.79	ng	# 55
49) Dimethylphthalate	13.72	163	162383	8.66	ng	98
53) 2,4-Dinitrophenol	14.39	184	79	7.24	ng	# 24
56) 2,4-Dinitrotoluene	14.66	165	65	2.94	ng	# 23
62) Azobenzene	15.63	77	68988	3.24	ng	# 1

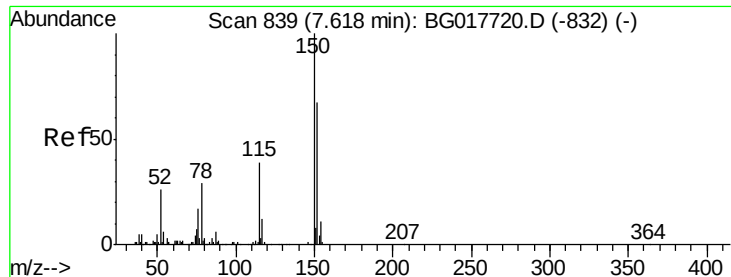
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG017752.D

Acq: 22 Jun 2015 19:13

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-4

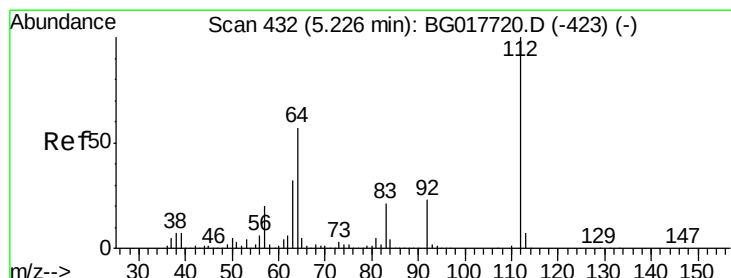
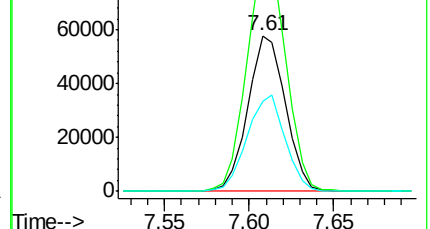
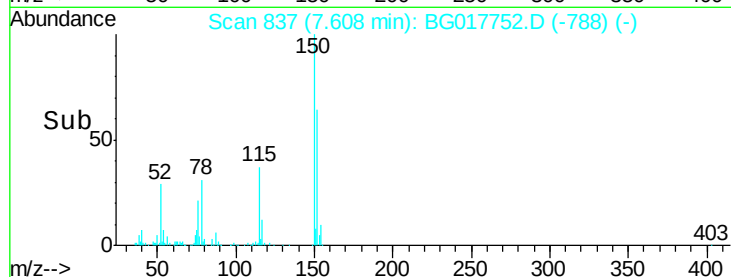
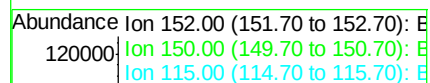
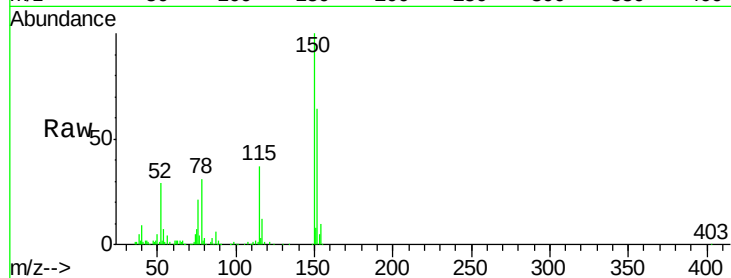
Tgt Ion:152 Resp: 89509

Ion Ratio Lower Upper

152 100

150 156.2 119.1 178.7

115 57.7 47.0 70.4



#5

2-Fluorophenol

Concen: 117.42 ng

RT: 5.22 min Scan# 430

Delta R.T. -0.01 min

Lab File: BG017752.D

Acq: 22 Jun 2015 19:13

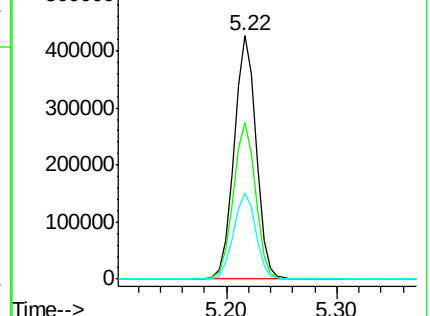
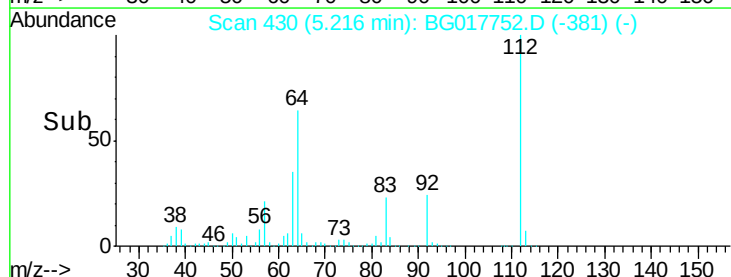
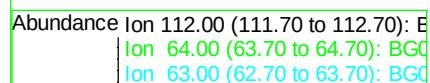
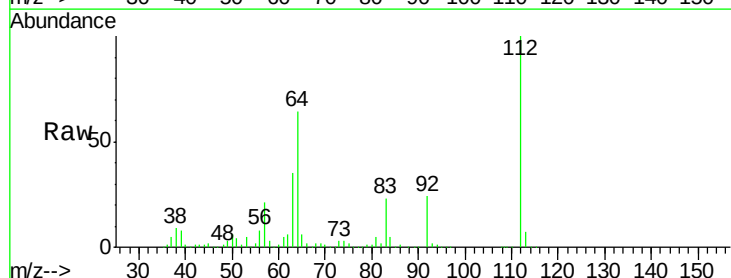
Tgt Ion:112 Resp: 598885

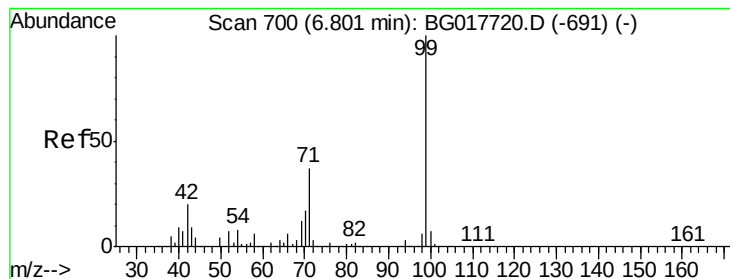
Ion Ratio Lower Upper

112 100

64 64.2 45.4 68.0

63 35.2 25.3 37.9





#7

Phenol-d6

Concen: 116.11 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG017752.D

Acq: 22 Jun 2015 19:13

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-4

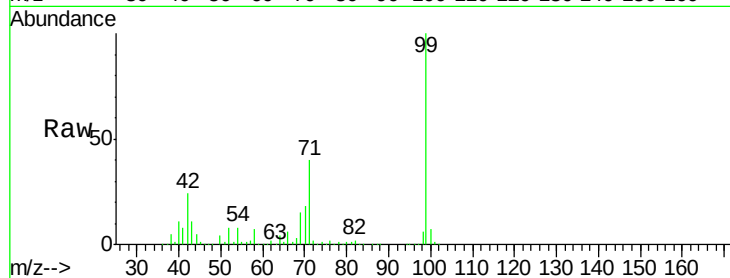
Tgt Ion: 99 Resp: 832381

Ion Ratio Lower Upper

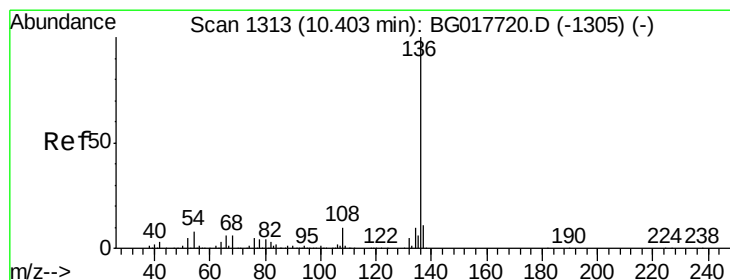
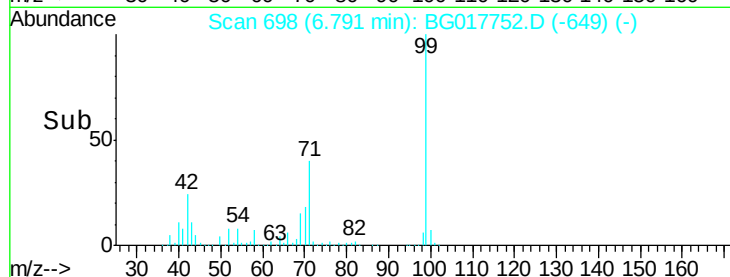
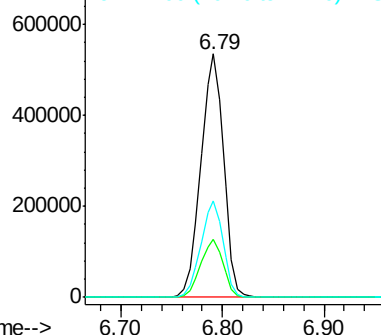
99 100

42 24.0 16.2 24.4

71 39.8 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# 1310

Delta R.T. -0.02 min

Lab File: BG017752.D

Acq: 22 Jun 2015 19:13

Tgt Ion: 136 Resp: 403103

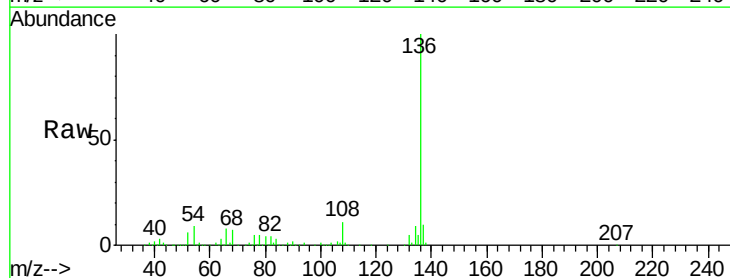
Ion Ratio Lower Upper

136 100

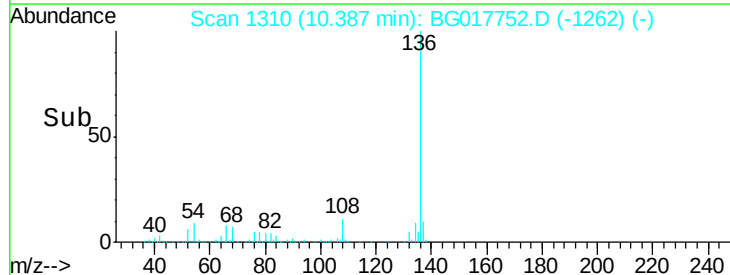
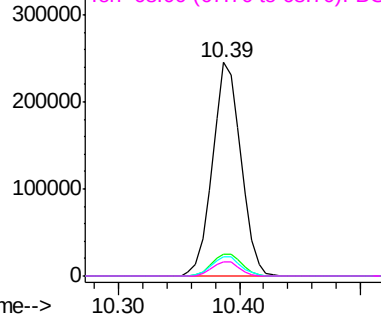
137 10.4 8.8 13.2

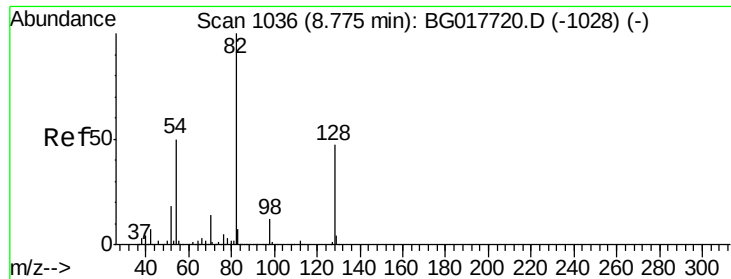
54 9.3 6.6 9.8

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

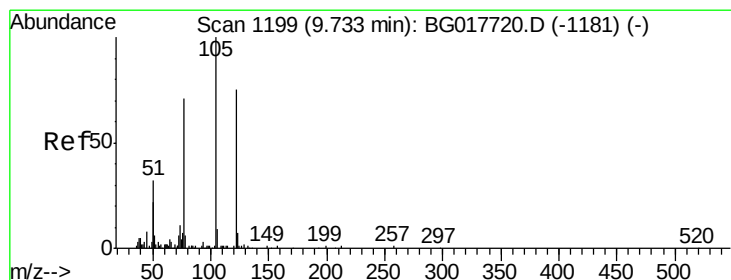
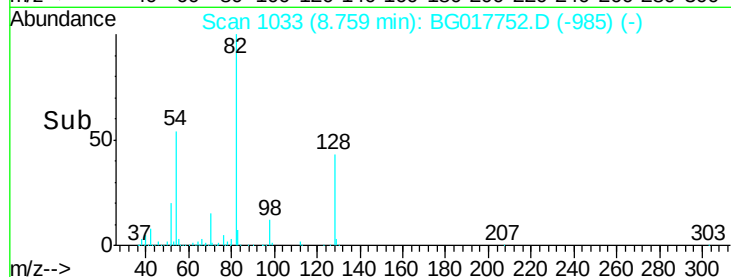
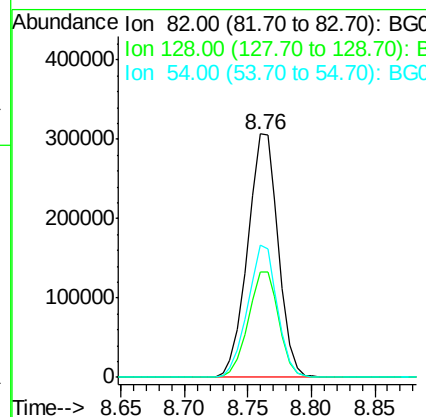
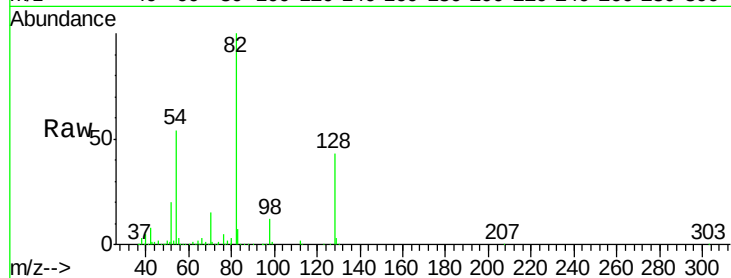




#23
 Nitrobenzene-d5
 Concen: 73.42 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG017752.D
 Acq: 22 Jun 2015 19:13

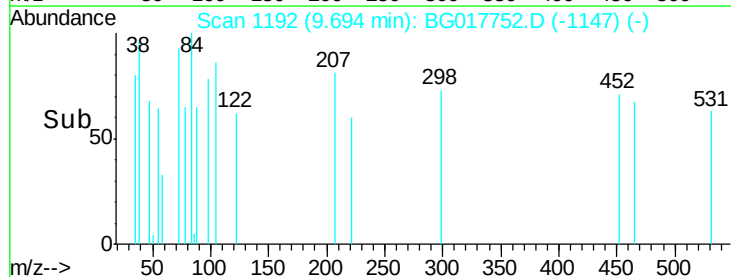
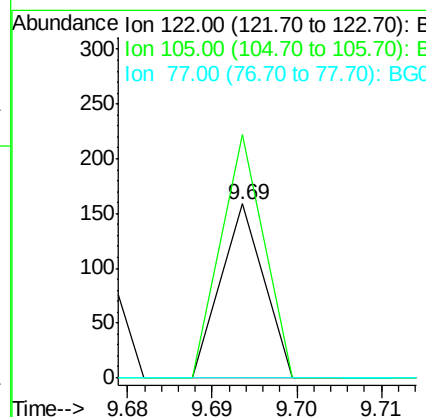
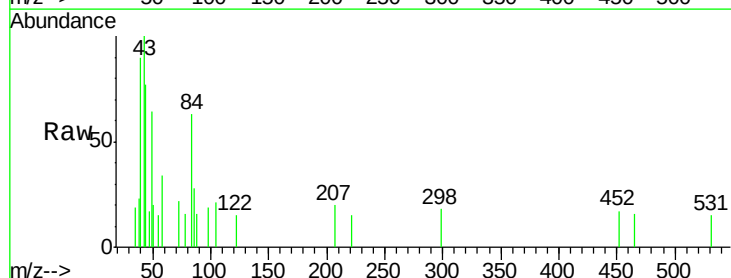
Instrument :
 BNA_G
 ClientSampleId :
 76-INFIELD(0-2)-4

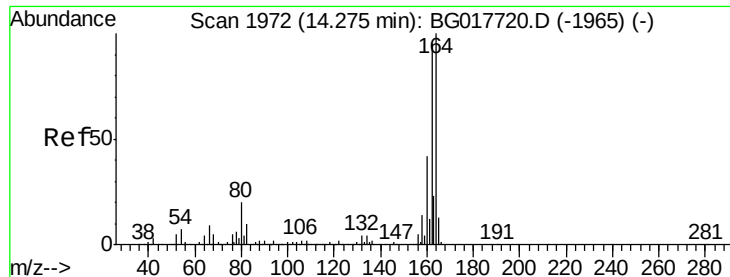
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.8	56.6
54	54.5	39.9	59.9



#32
 Benzoic acid
 Concen: 7.79 ng
 RT: 9.69 min Scan# 1192
 Delta R.T. -0.04 min
 Lab File: BG017752.D
 Acq: 22 Jun 2015 19:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.6	111.3	151.3
77	0.0	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: BG017752.D

Acq: 22 Jun 2015 19:13

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-4

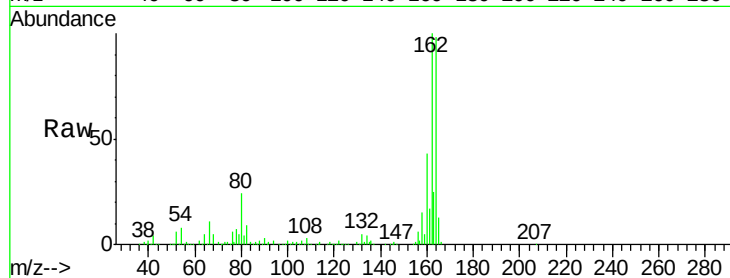
Tgt Ion:164 Resp: 245163

Ion Ratio Lower Upper

164 100

162 102.0 76.3 114.5

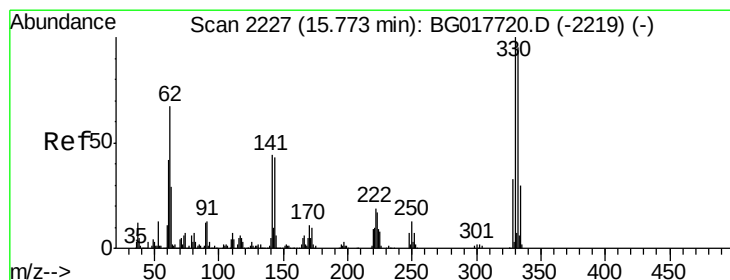
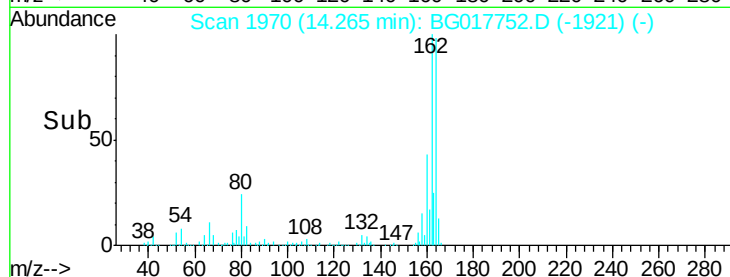
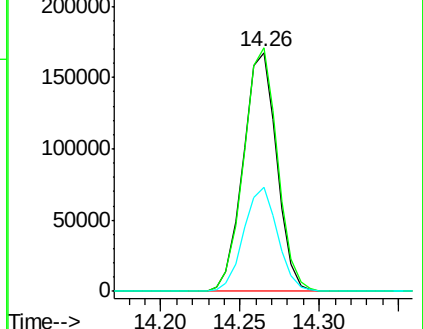
160 43.9 33.7 50.5



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: 101.13 ng

RT: 15.76 min Scan# 2224

Delta R.T. -0.02 min

Lab File: BG017752.D

Acq: 22 Jun 2015 19:13

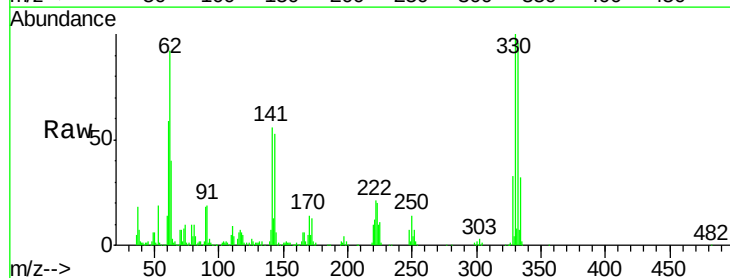
Tgt Ion:330 Resp: 229899

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

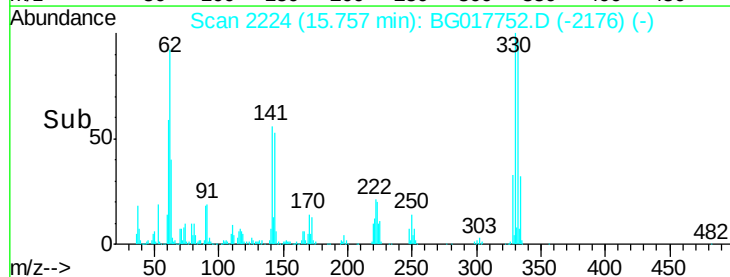
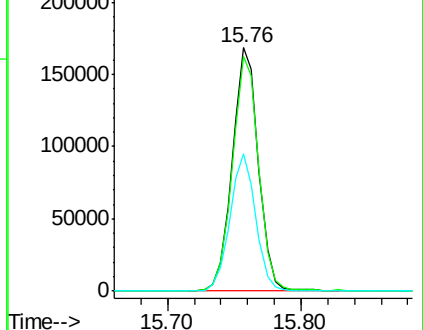
141 55.6 38.0 57.0

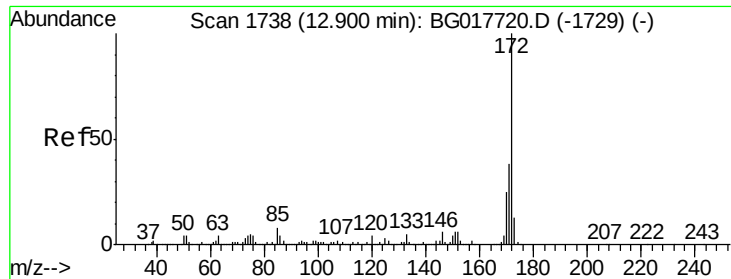


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

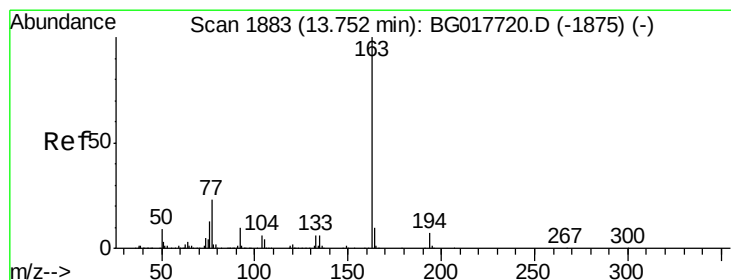
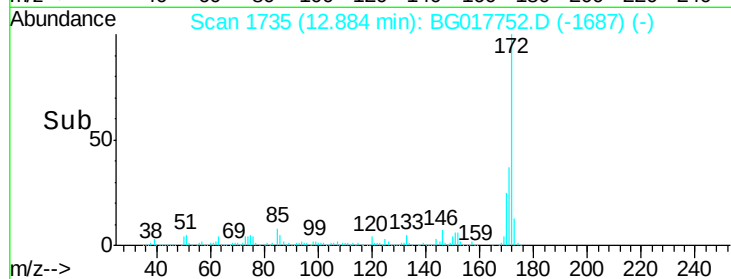
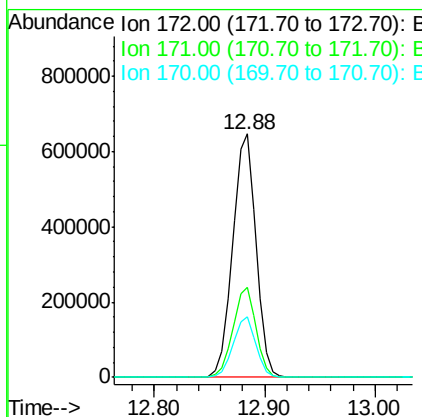
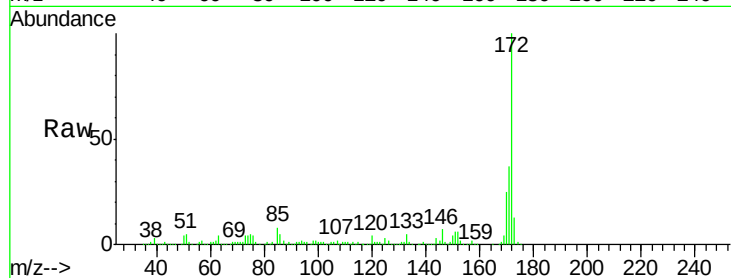




#44
2-Fluorobiphenyl
Concen: 63.26 ng
RT: 12.88 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG017752.D
Acq: 22 Jun 2015 19:13

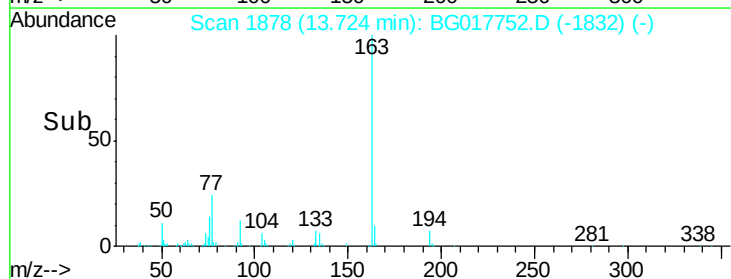
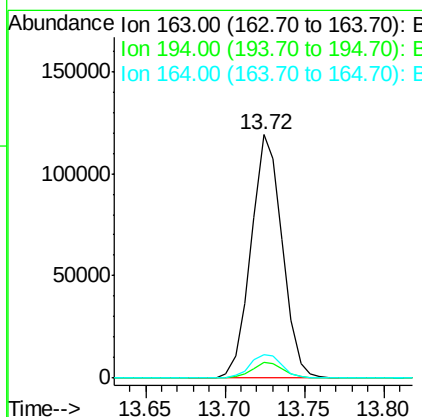
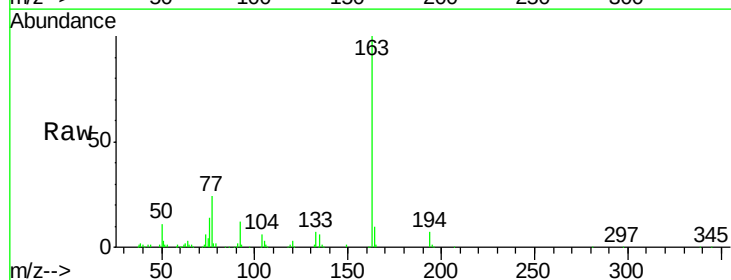
Instrument :
BNA_G
ClientSampleId :
76-INFIELD(0-2)-4

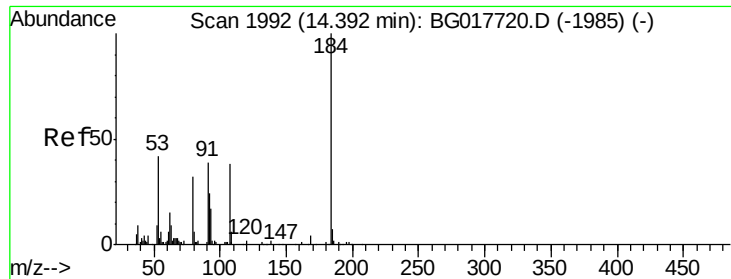
Tgt Ion:172 Resp: 954967
Ion Ratio Lower Upper
172 100
171 37.0 30.7 46.1
170 24.7 19.7 29.5



#49
Dimethylphthalate
Concen: 8.66 ng
RT: 13.72 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG017752.D
Acq: 22 Jun 2015 19:13

Tgt Ion:163 Resp: 162383
Ion Ratio Lower Upper
163 100
194 6.7 5.8 8.6
164 9.7 8.3 12.5





#53

2,4-Dinitrophenol

Concen: 7.24 ng

RT: 14.39 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BG017752.D

Acq: 22 Jun 2015 19:13

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-4

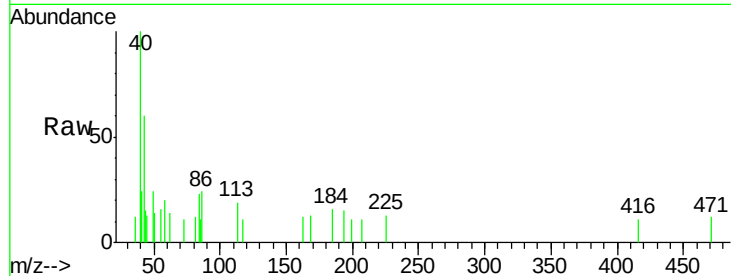
Tgt Ion:184 Resp: 79

Ion Ratio Lower Upper

184 100

63 0.0 47.8 71.6#

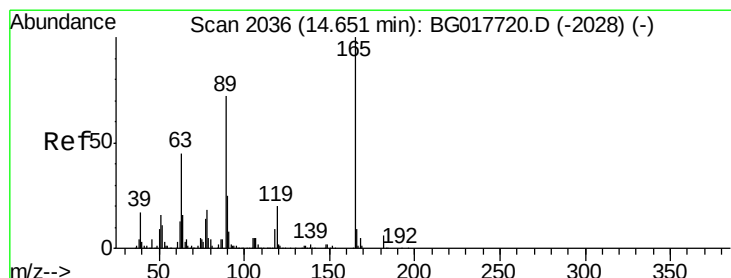
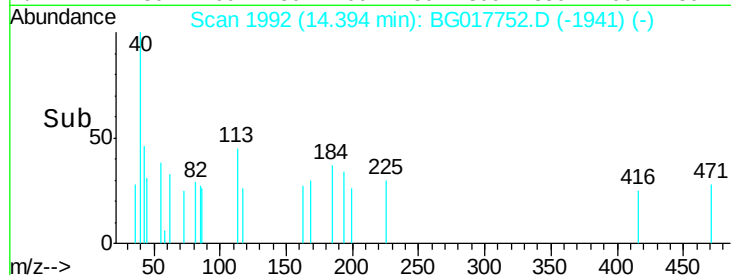
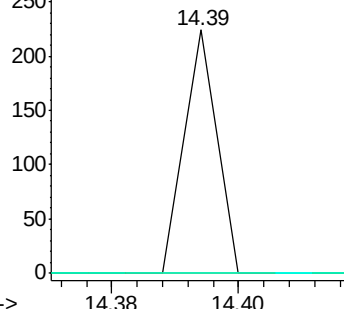
154 0.0 39.3 58.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#56

2,4-Dinitrotoluene

Concen: 2.94 ng

RT: 14.66 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BG017752.D

Acq: 22 Jun 2015 19:13

Tgt Ion:165 Resp: 65

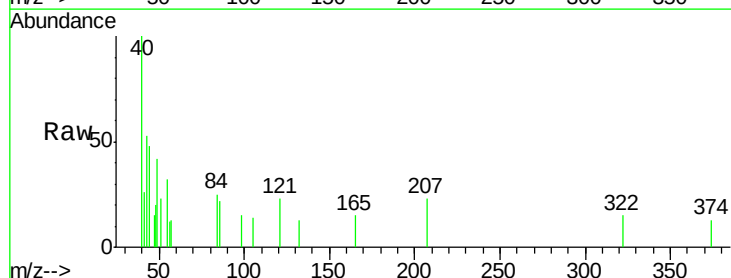
Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.4#

89 0.0 57.9 86.9#

182 0.0 4.7 7.1#

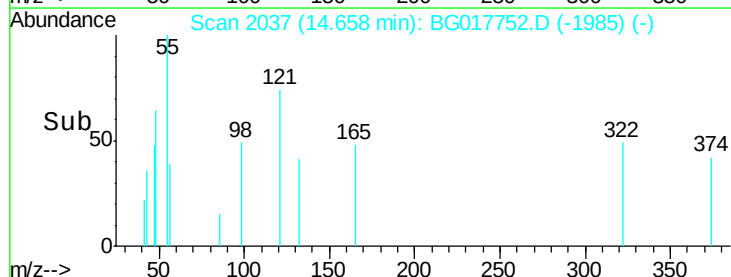
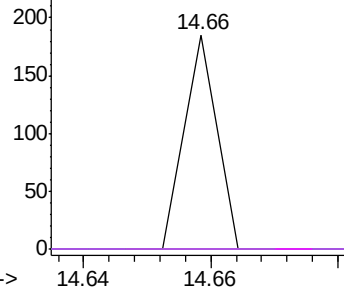


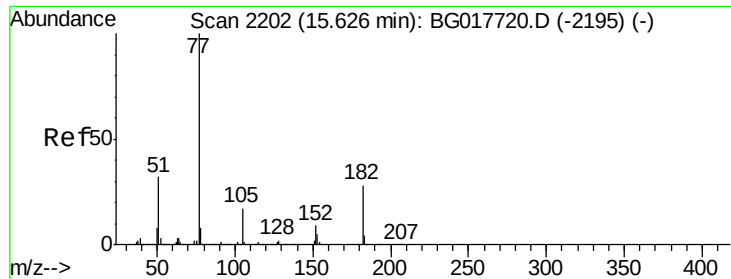
Abundance Ion 165.00 (164.70 to 165.70): E

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: 3.24 ng

RT: 15.63 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BG017752.D

Acq: 22 Jun 2015 19:13

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-4

Tgt Ion: 77 Resp: 68988

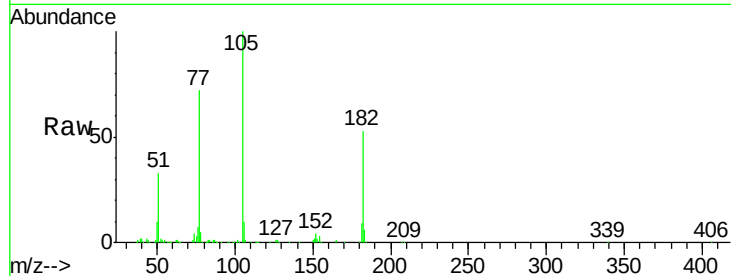
Ion Ratio Lower Upper

77 100

182 72.8 8.2 48.2#

105 138.0 0.0 36.6#

51 46.0 11.7 51.7

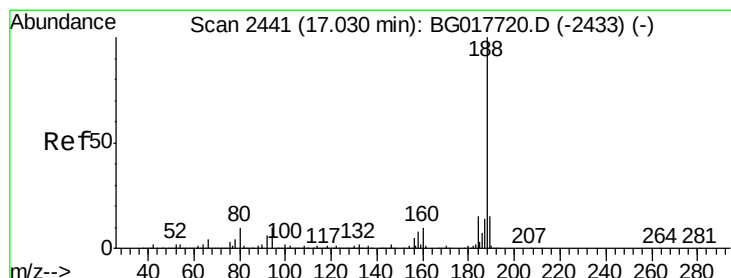
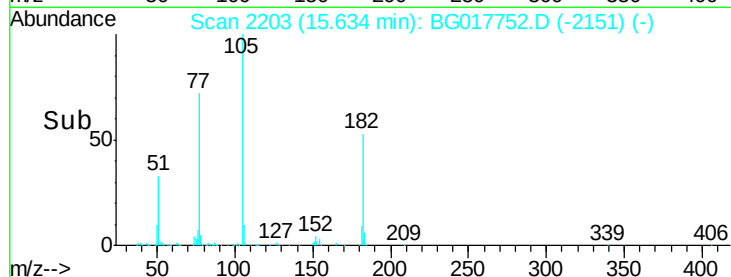
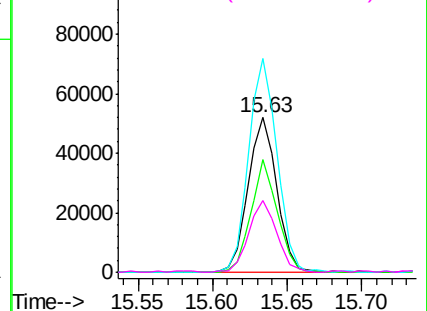


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

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: BG017752.D

Acq: 22 Jun 2015 19:13

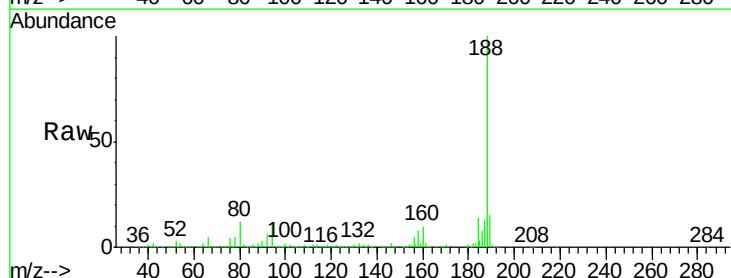
Tgt Ion: 188 Resp: 554083

Ion Ratio Lower Upper

188 100

94 12.1 8.2 12.2

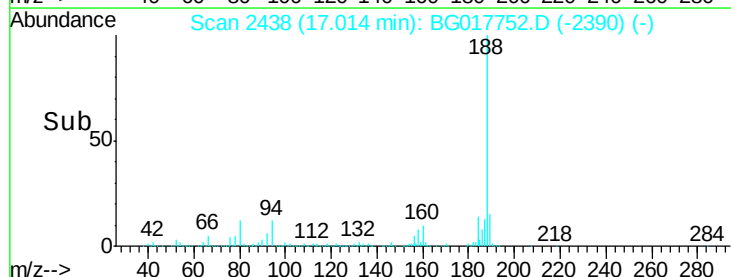
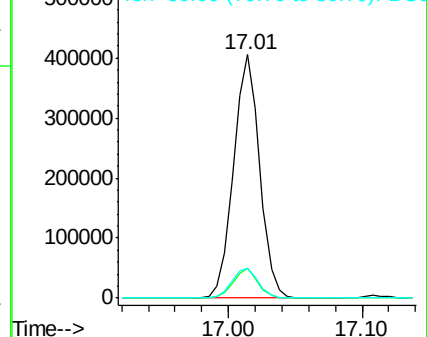
80 12.4 8.2 12.4#

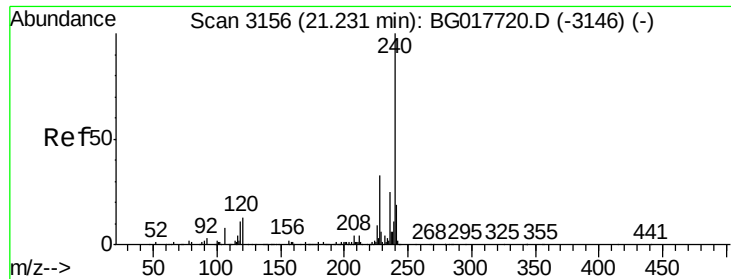


Abundance Ion 188.00 (187.70 to 188.70): BGC

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# 3152

Delta R.T. -0.02 min

Lab File: BG017752.D

Acq: 22 Jun 2015 19:13

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-4

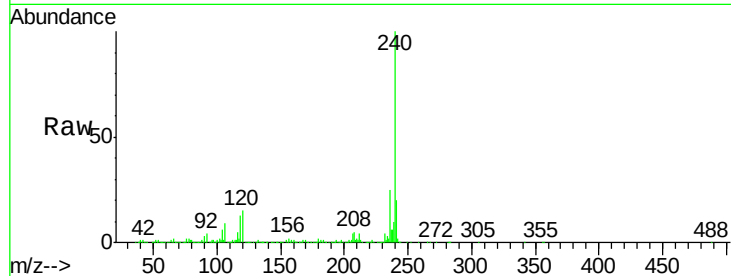
Tgt Ion:240 Resp: 553878

Ion Ratio Lower Upper

240 100

120 14.9 10.8 16.2

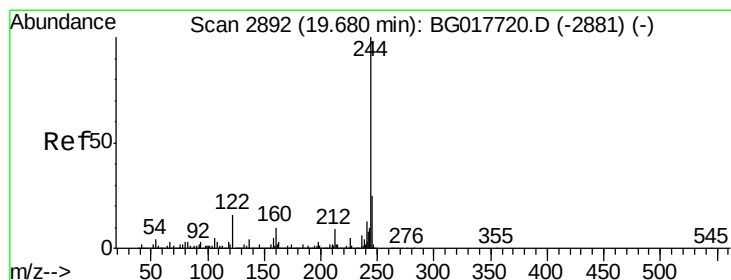
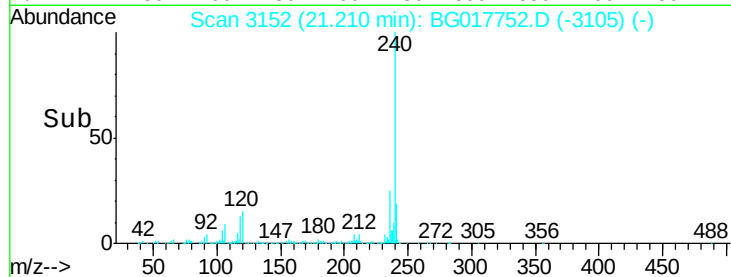
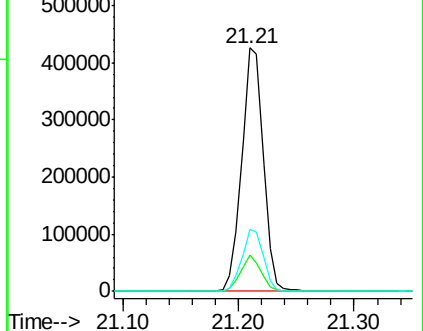
236 25.3 20.0 30.0



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: 55.46 ng

RT: 19.66 min Scan# 2889

Delta R.T. -0.02 min

Lab File: BG017752.D

Acq: 22 Jun 2015 19:13

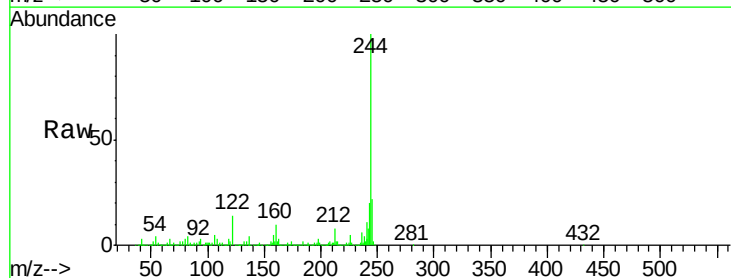
Tgt Ion:244 Resp: 1351770

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

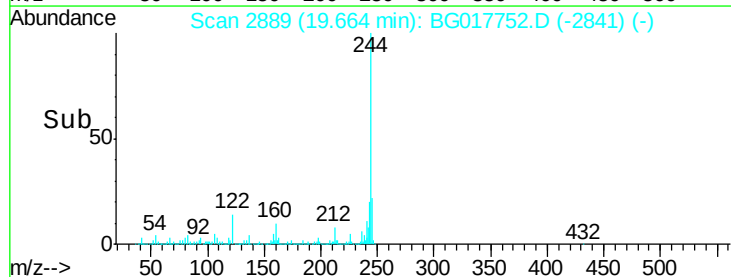
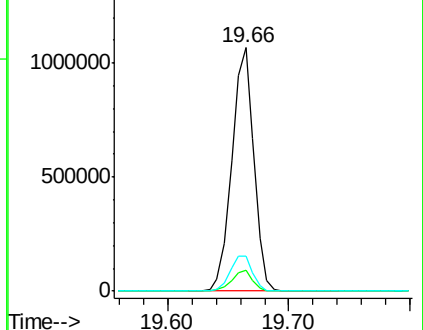
122 14.2 12.8 19.2

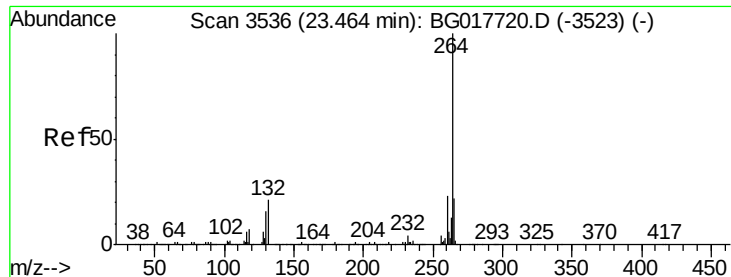


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

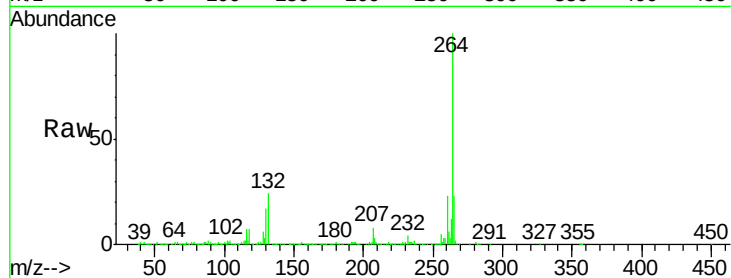




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.44 min Scan# 3531
Delta R.T. -0.03 min
Lab File: BG017752.D
Acq: 22 Jun 2015 19:13

Instrument :
BNA_G
ClientSampleId :
76-INFIELD(0-2)-4

Tgt Ion:	264	Resp:	526208
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.7	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

