

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 02:19:31 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

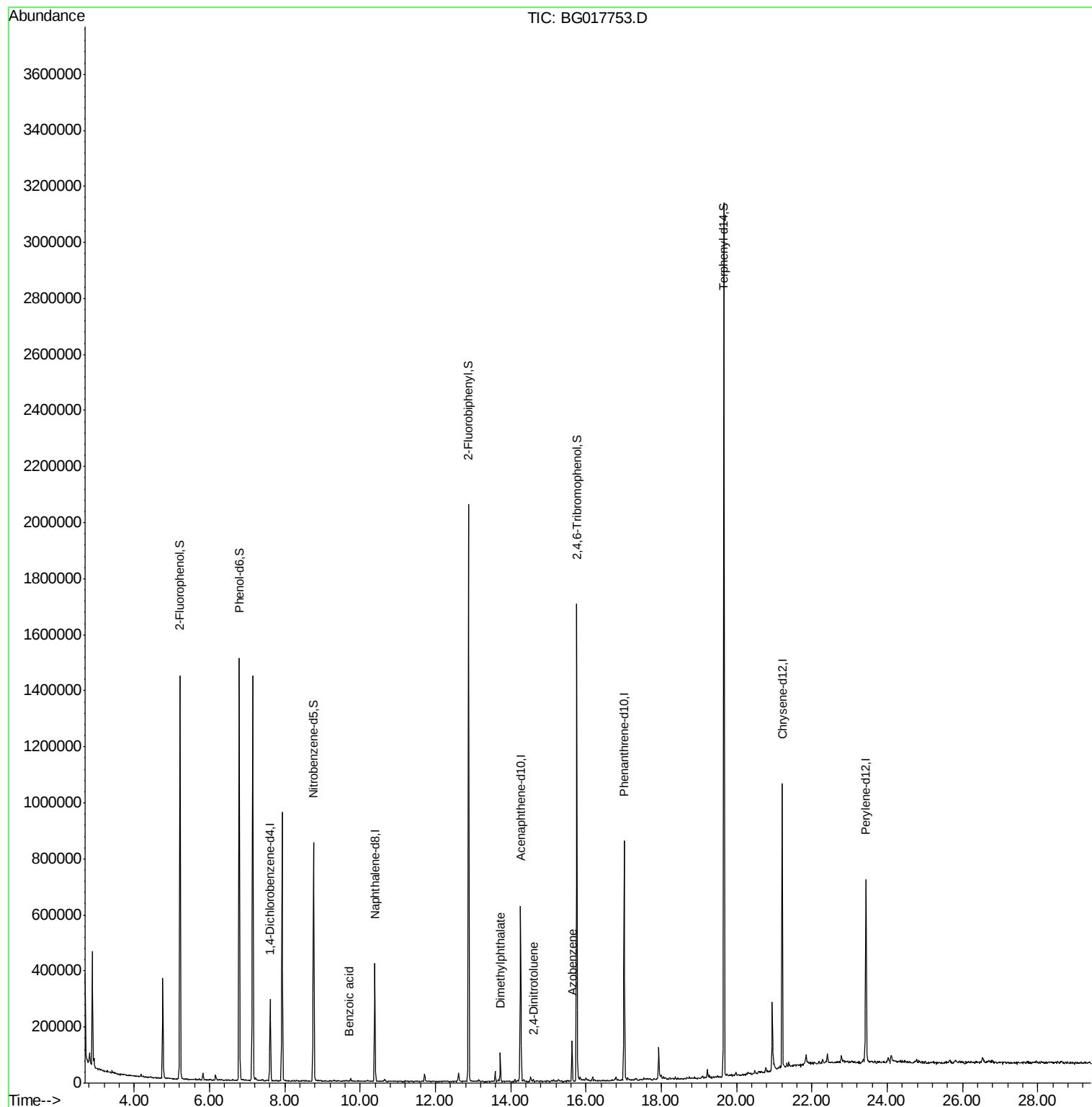
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	67574	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	316189	20.00	ng	-0.01
38) Acenaphthene-d10	14.26	164	198594	20.00	ng	-0.01
63) Phenanthrene-d10	17.01	188	426567	20.00	ng	-0.02
75) Chrysene-d12	21.21	240	422253	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						
32) Benzoic acid	9.72	122	135	7.81	ng	# 1
49) Dimethylphthalate	13.72	163	57689	3.80	ng	97
56) 2,4-Dinitrotoluene	14.60	165	57	2.94	ng	# 23
62) Azobenzene	15.63	77	41782	2.42	ng	# 5

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

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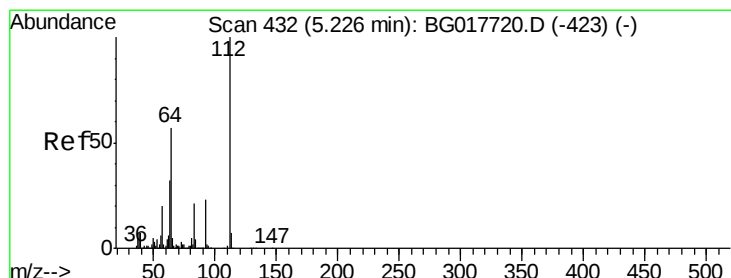
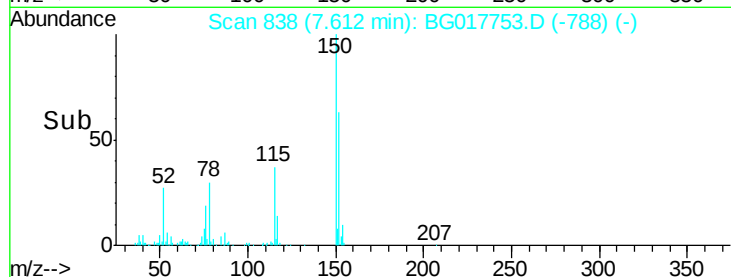
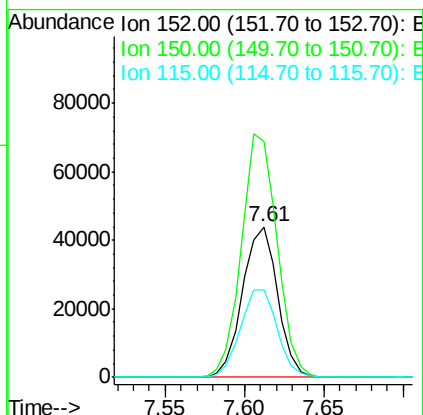
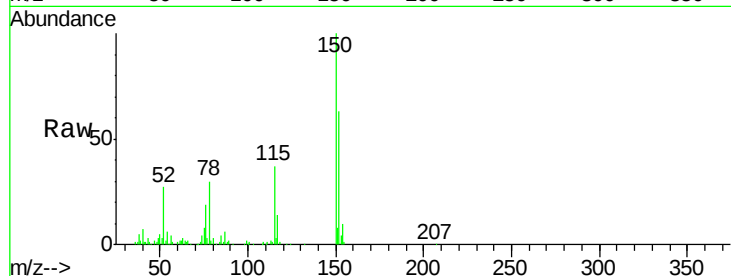


#1

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

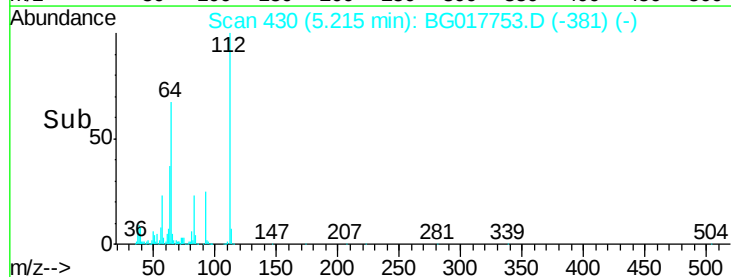
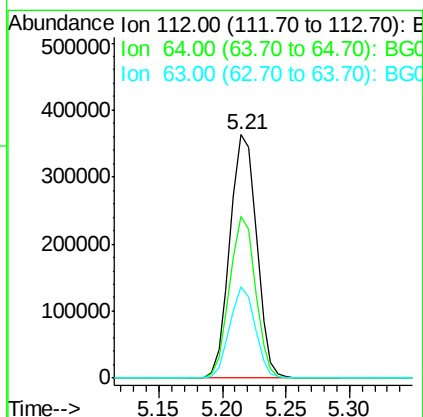
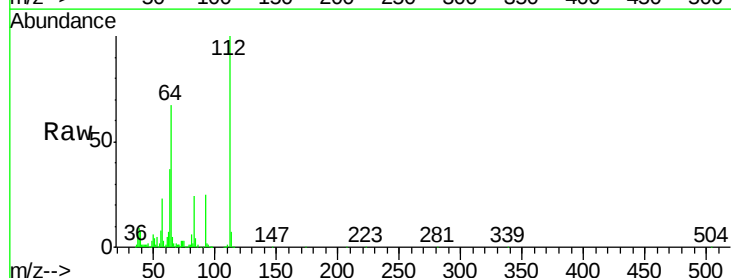
Tgt Ion:152 Resp: 67574
Ion Ratio Lower Upper
152 100
150 157.5 119.1 178.7
115 58.0 47.0 70.4

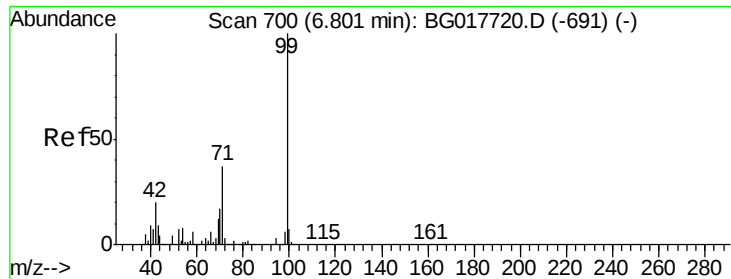


#5

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





#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

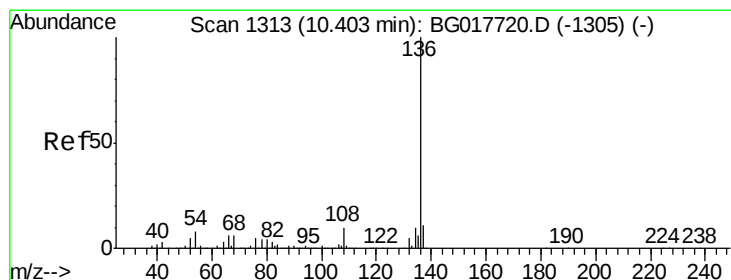
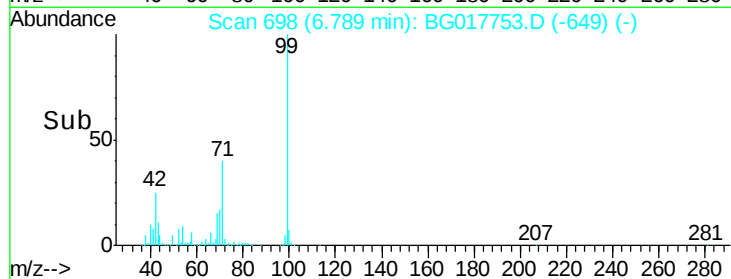
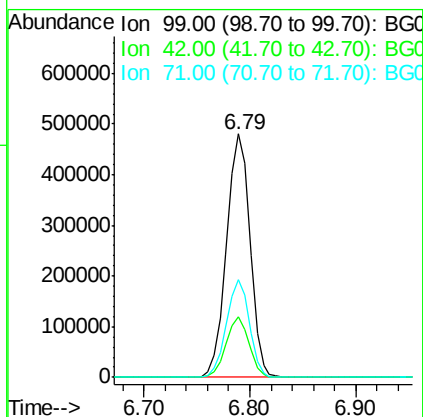
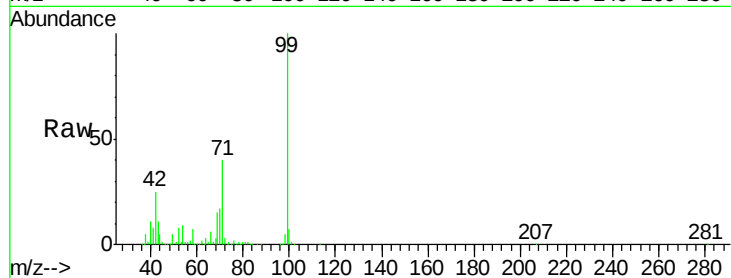
Tgt Ion: 99 Resp: 738522

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

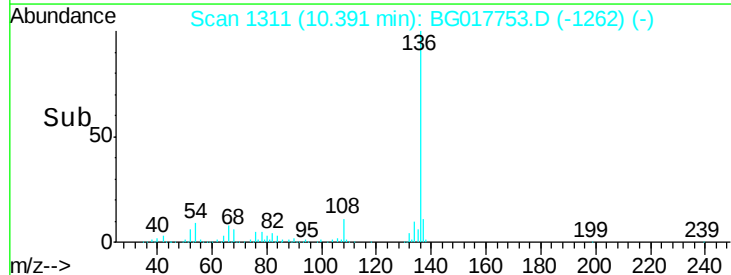
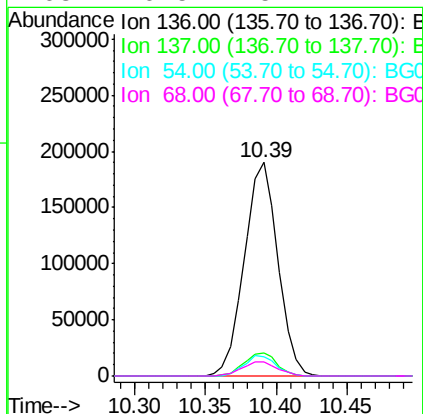
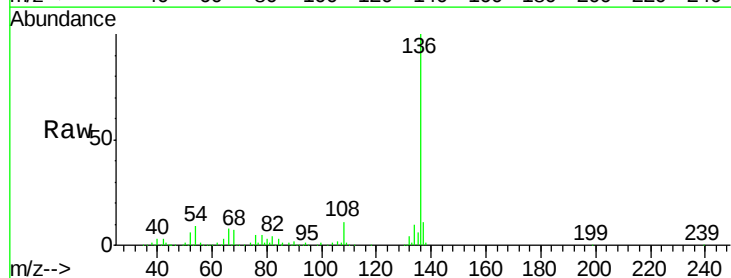
Ion Ratio Lower Upper

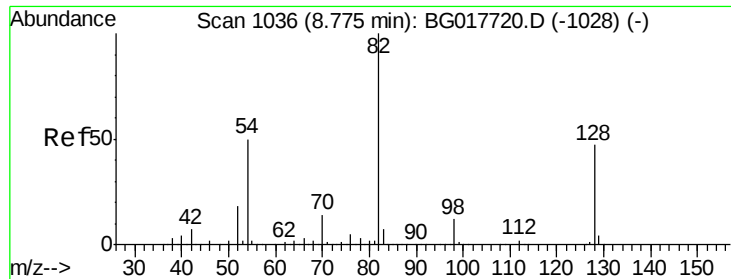
136 100

137 10.8 8.8 13.2

54 9.2 6.6 9.8

68 6.5 5.1 7.7

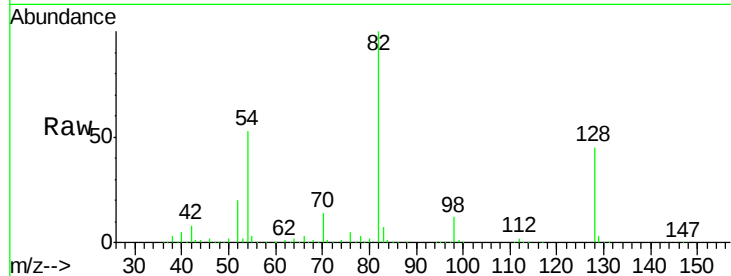




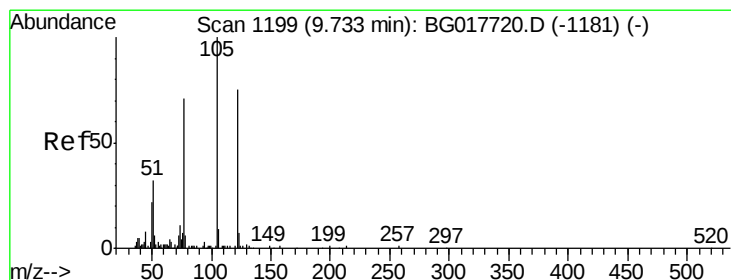
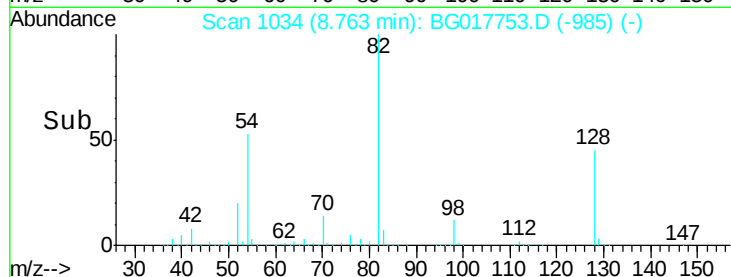
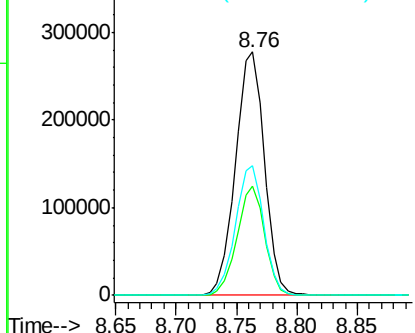
#23
 Nitrobenzene-d5
 Concen: 84.55 ng
 RT: 8.76 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG017753.D
 Acq: 22 Jun 2015 19:48

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

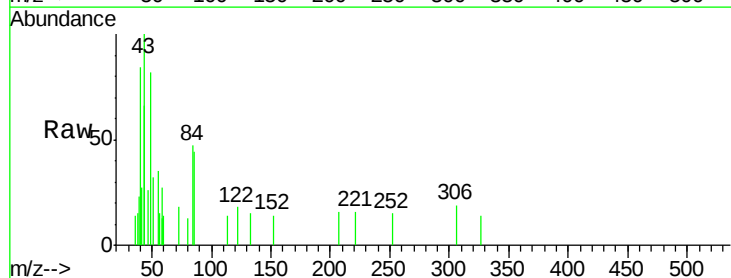


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

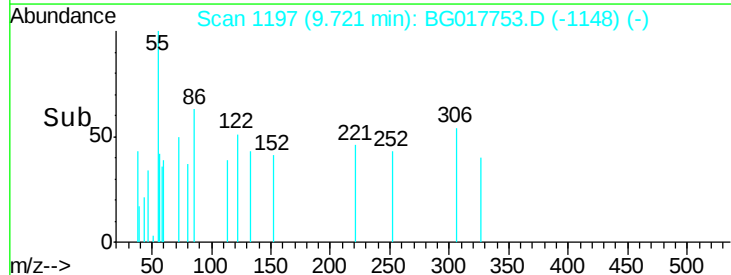
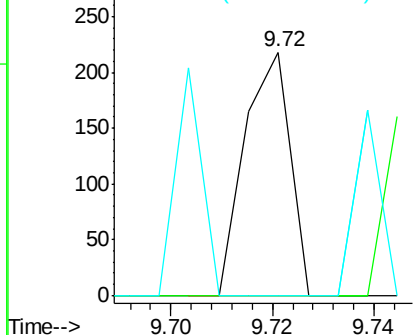


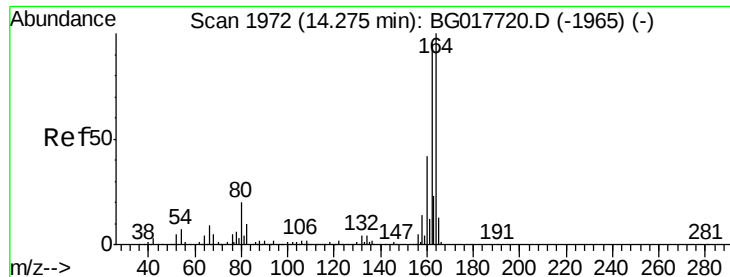
#32
 Benzoic acid
 Concen: 7.81 ng
 RT: 9.72 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG017753.D
 Acq: 22 Jun 2015 19:48

Tgt Ion: 122 Resp: 135
 Ion Ratio Lower Upper
 122 100
 105 0.0 111.3 151.3#
 77 0.0 75.2 115.2#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): 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

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-14

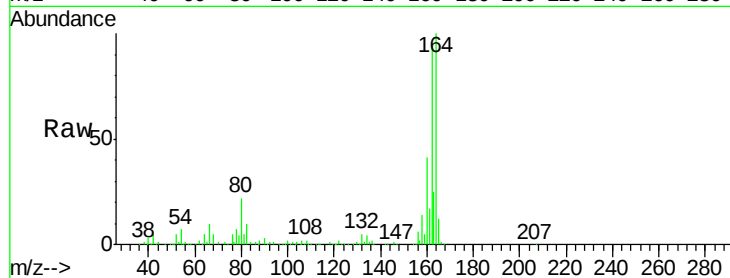
Tgt Ion:164 Resp: 198594

Ion Ratio Lower Upper

164 100

162 93.8 76.3 114.5

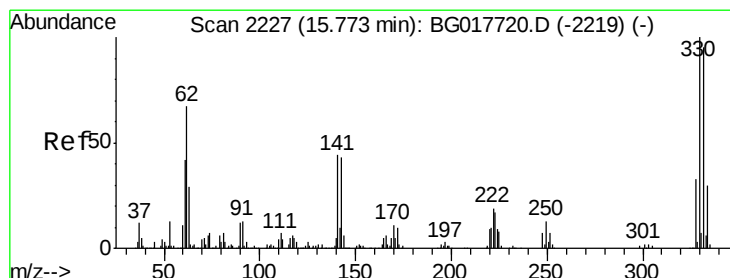
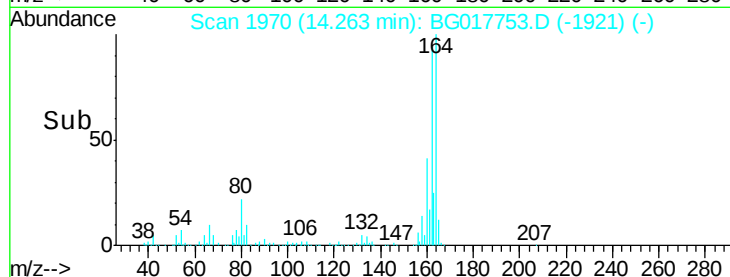
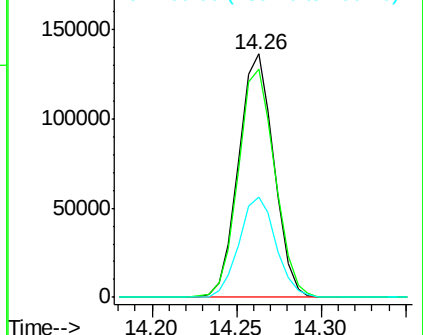
160 41.3 33.7 50.5



Abundance Ion 164.00 (163.70 to 164.70): 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: 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

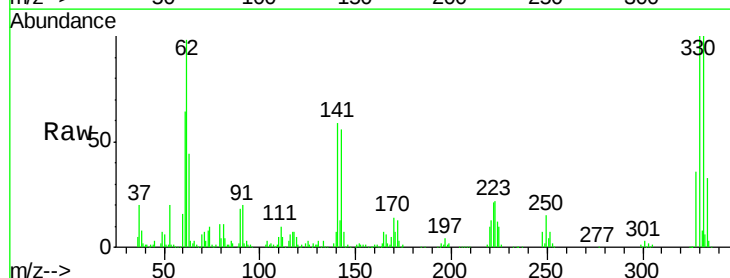
Tgt Ion:330 Resp: 208232

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

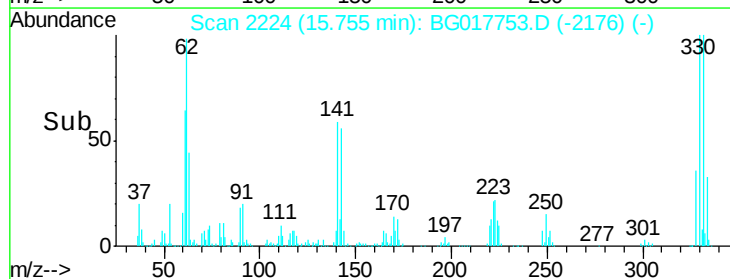
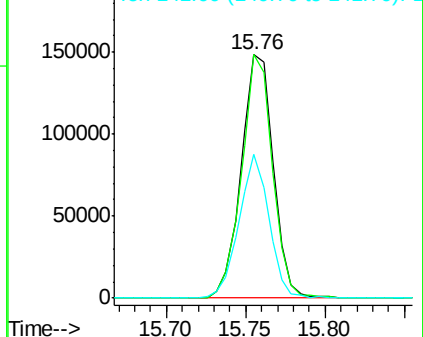
141 55.7 38.0 57.0

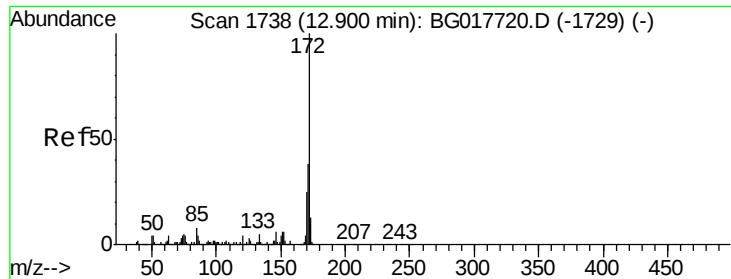


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

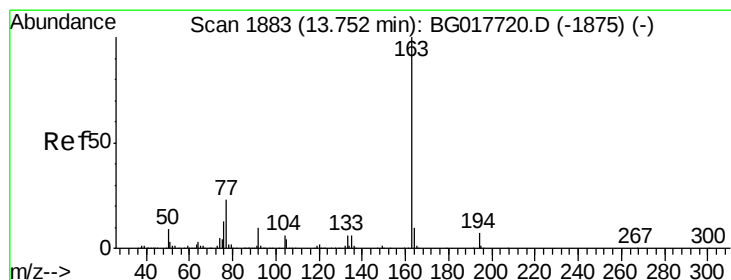
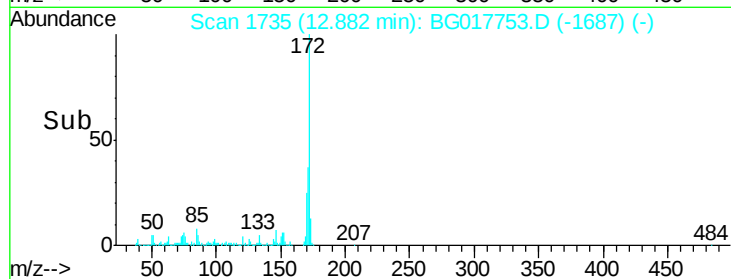
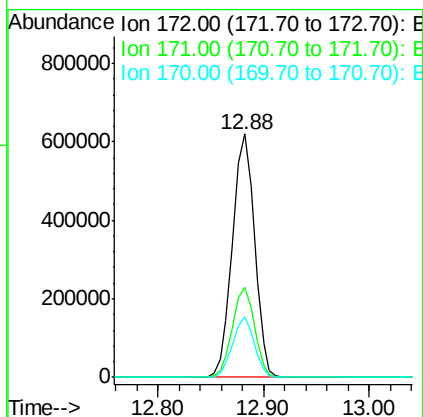
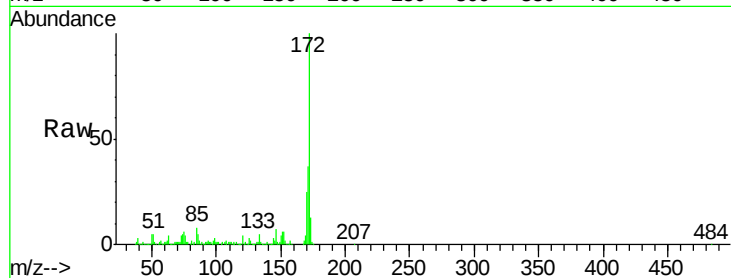




#44
2-Fluorobiphenyl
Concen: 73.11 ng
RT: 12.88 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG017753.D
Acq: 22 Jun 2015 19:48

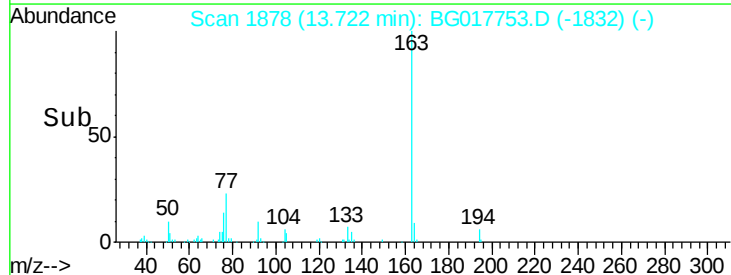
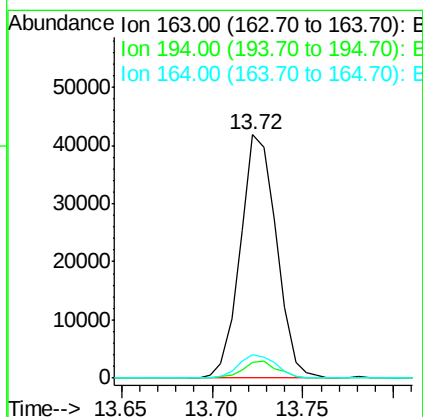
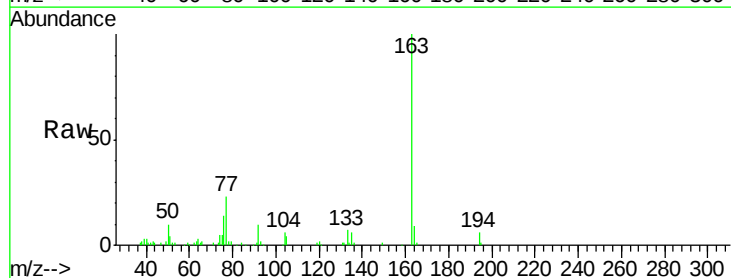
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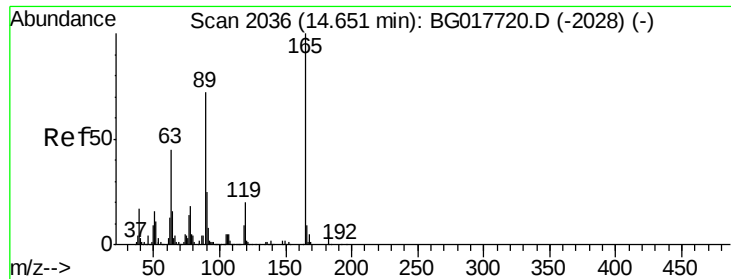
Tgt Ion:172 Resp: 893966
Ion Ratio Lower Upper
172 100
171 37.1 30.7 46.1
170 24.7 19.7 29.5



#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

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

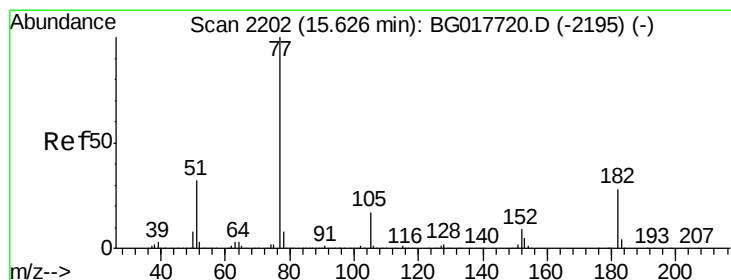
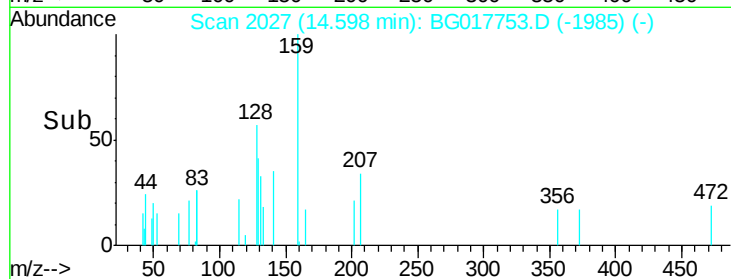
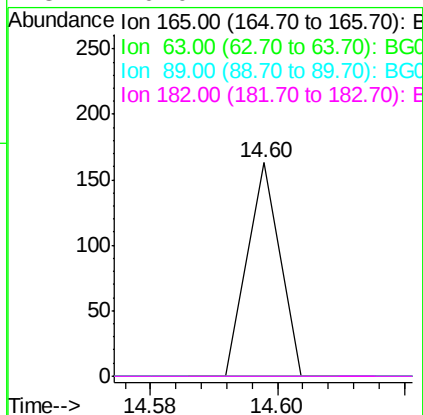
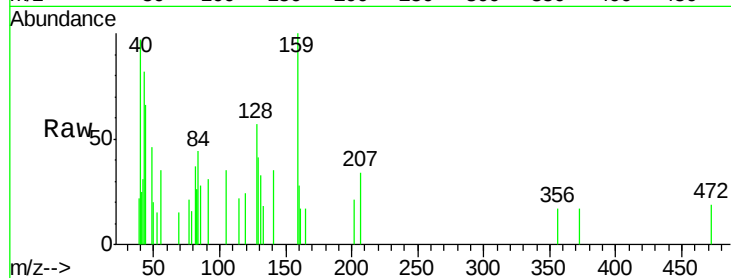




#56
2,4-Dinitrotoluene
Concen: 2.94 ng
RT: 14.60 min Scan# 2027
Delta R.T. -0.05 min
Lab File: BG017753.D
Acq: 22 Jun 2015 19:48

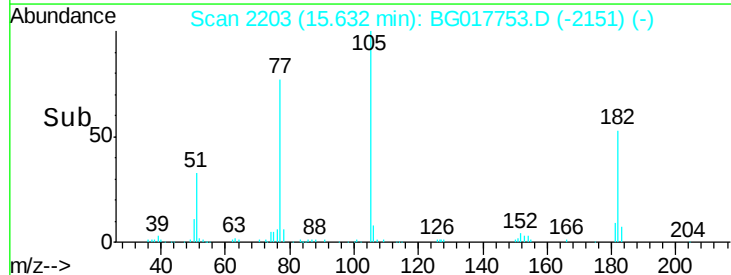
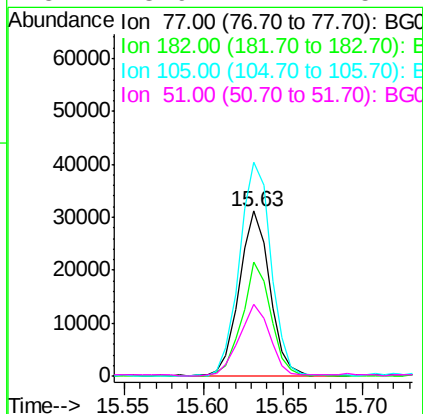
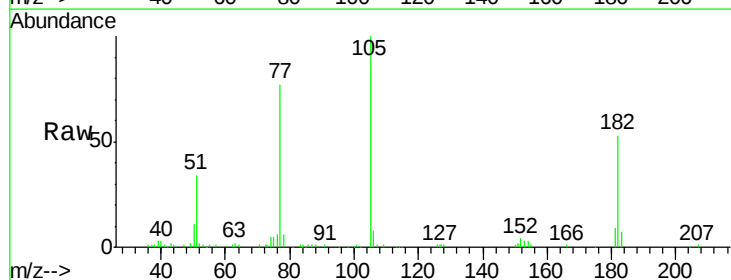
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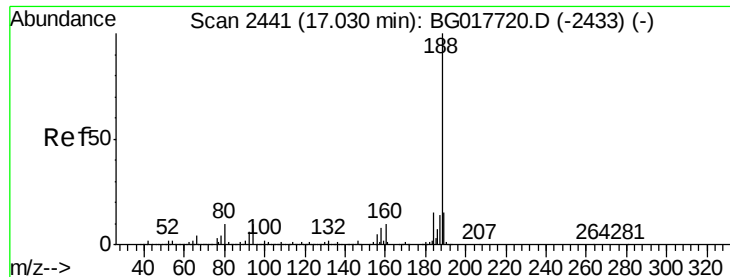
Tgt Ion: 165 Resp: 57
Ion Ratio Lower Upper
165 100
63 0.0 36.2 54.4#
89 0.0 57.9 86.9#
182 0.0 4.7 7.1#



#62
Azobenzene
Concen: 2.42 ng
RT: 15.63 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BG017753.D
Acq: 22 Jun 2015 19:48

Tgt Ion: 77 Resp: 41782
Ion Ratio Lower Upper
77 100
182 69.0 8.2 48.2#
105 129.8 0.0 36.6#
51 43.9 11.7 51.7

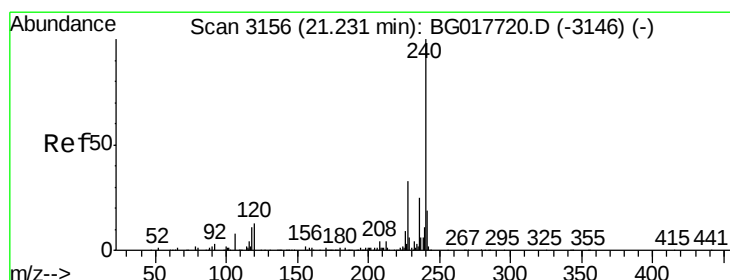
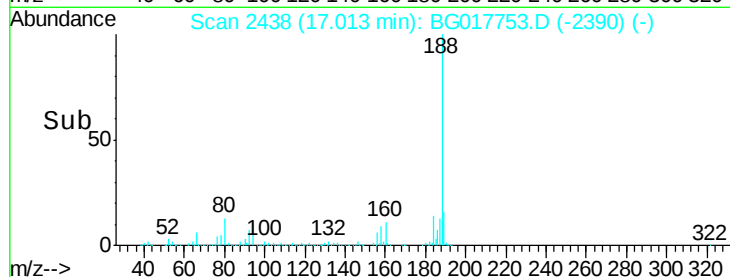
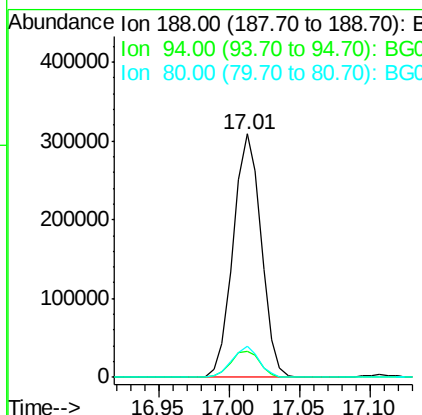
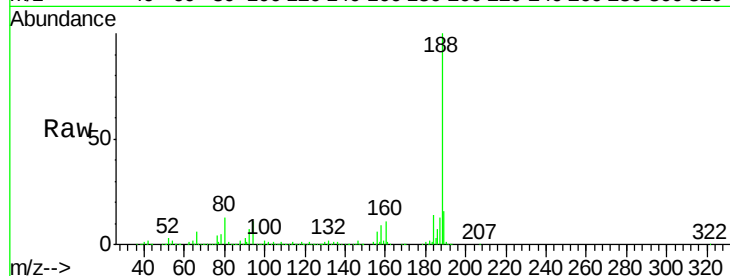




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.01 min Scan# 2438
Delta R.T. -0.02 min
Lab File: BG017753.D
Acq: 22 Jun 2015 19:48

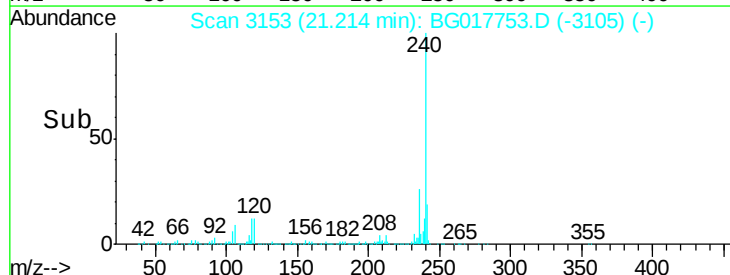
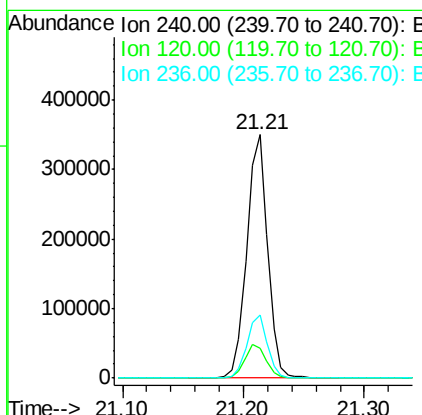
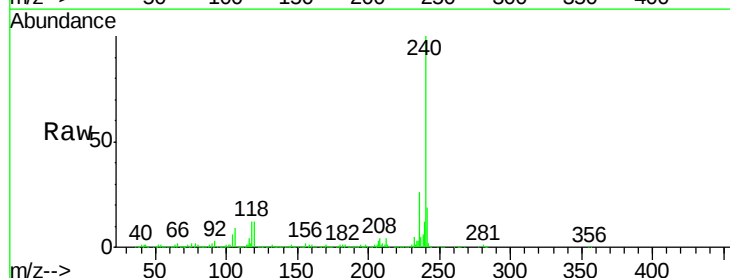
Instrument :
BNA_G
ClientSampleId :
76-INFIELD(0-2)-14

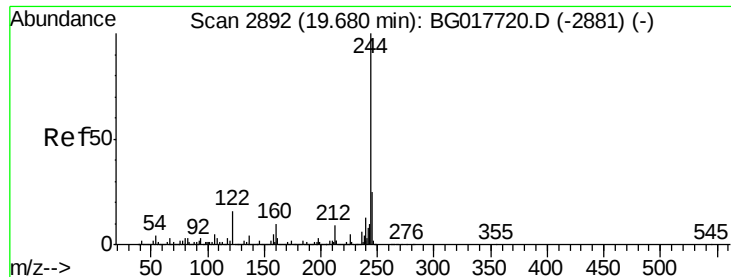
Tgt Ion:188 Resp: 426567
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.2
80 12.9 8.2 12.4#



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

76-INFIELD(0-2)-14

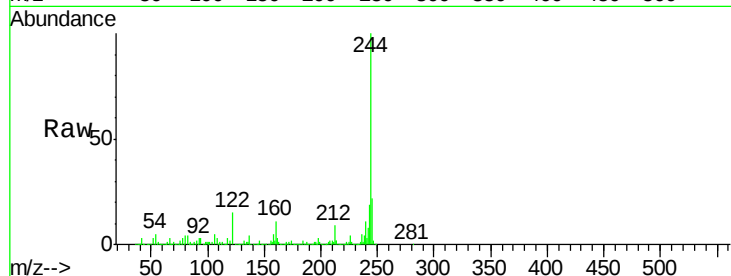
Tgt Ion:244 Resp: 1189223

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

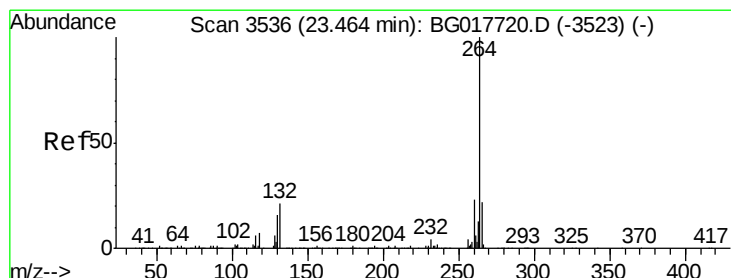
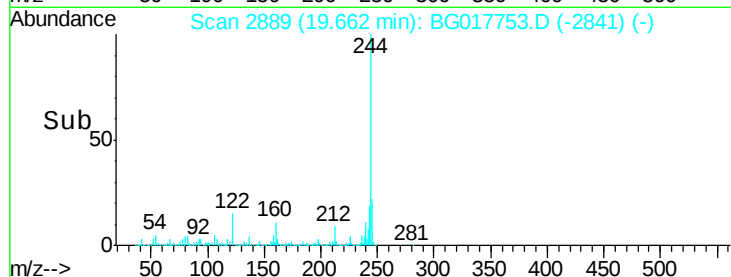
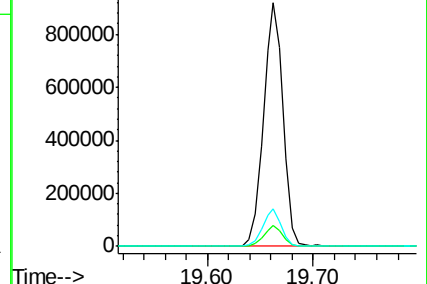
122 15.3 12.8 19.2



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

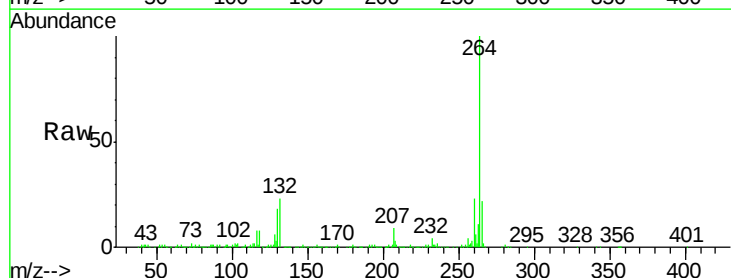
Tgt Ion:264 Resp: 406742

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

