

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017958.D
 Acq On : 18 Jul 2015 11:42
 Operator : TP/UM
 Sample : G3016-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WATERLINE1-071515

Quant Time: Jul 20 01:54:37 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

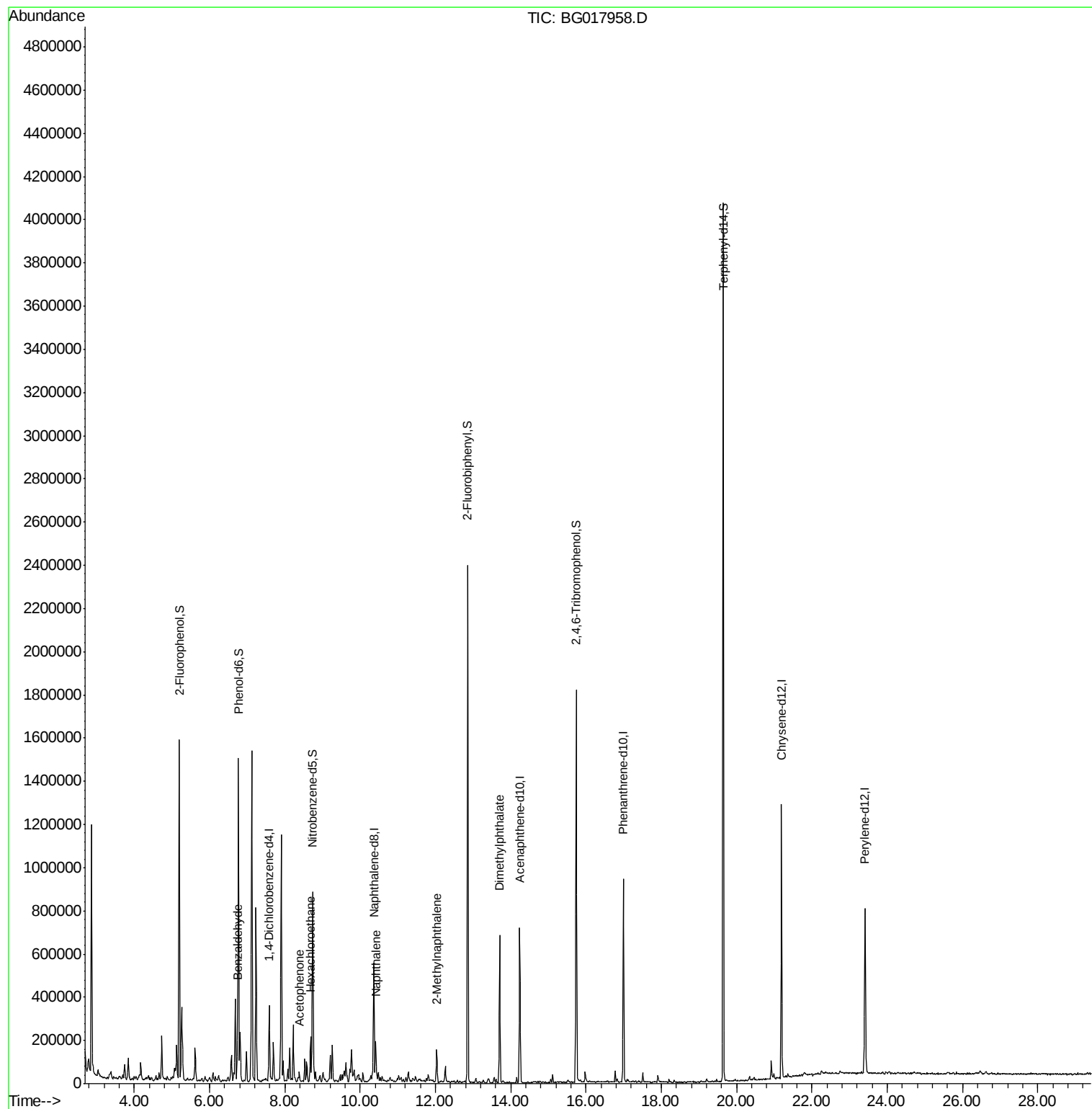
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	95336	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	406732	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	248588	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	529430	20.00	ng	0.00
75) Chrysene-d12	21.20	240	555098	20.00	ng	0.00
86) Perylene-d12	23.41	264	531885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	652715	119.43	ng	0.00
7) Phenol-d6	6.77	99	865355	120.86	ng	0.00
23) Nitrobenzene-d5	8.74	82	499506	79.54	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	315628	125.32	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1177762	82.10	ng	0.00
78) Terphenyl-d14	19.64	244	1708585	77.53	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	14067	3.21	ng	# 1
18) Hexachloroethane	8.69	117	21245	7.76	ng	# 1
22) Acetophenone	8.39	105	32418	3.69	ng	# 51
31) Naphthalene	10.41	128	102936	5.17	ng	98
32) Benzoic acid	9.80	122	592	Below Cal	#	59
37) 2-Methylnaphthalene	12.04	142	73056	5.11	ng	98
49) Dimethylphthalate	13.70	163	425817	24.66	ng	100

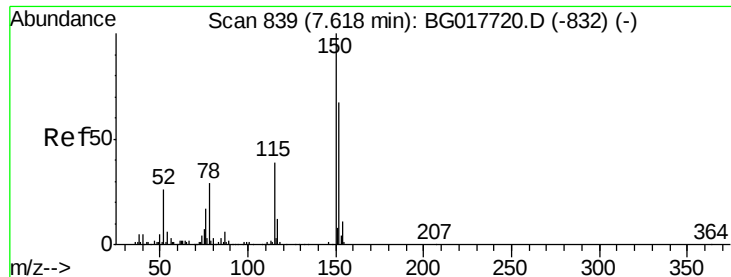
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 18 01:50:30 2015
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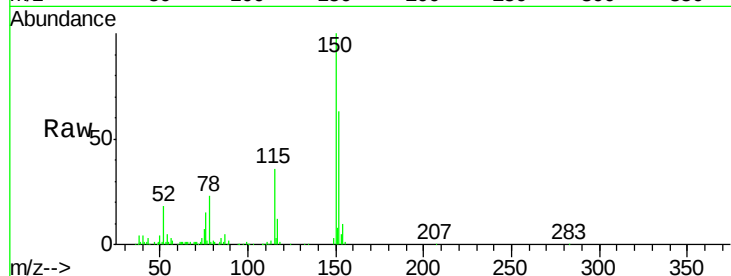


#1

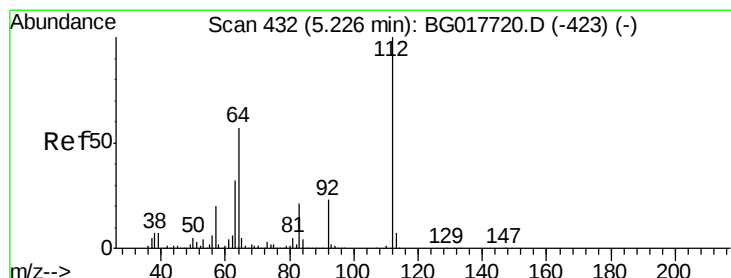
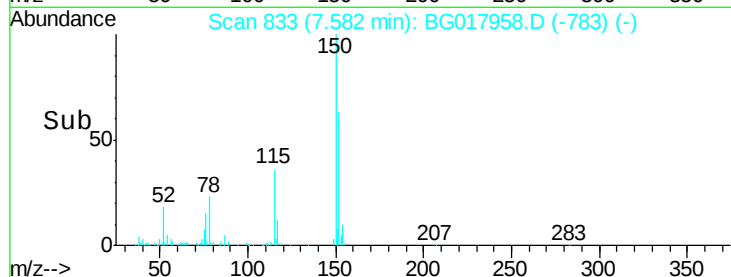
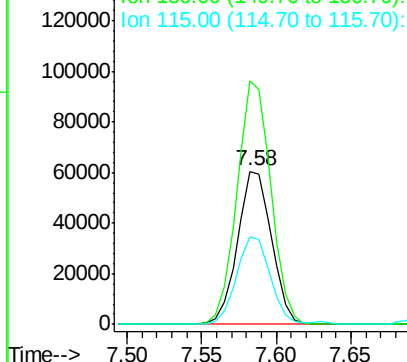
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Instrument :
BNA_G
ClientSampleId :
WATERLINE1-071515

Tgt Ion:152 Resp: 95336
Ion Ratio Lower Upper
152 100
150 158.8 119.1 178.7
115 57.0 47.0 70.4



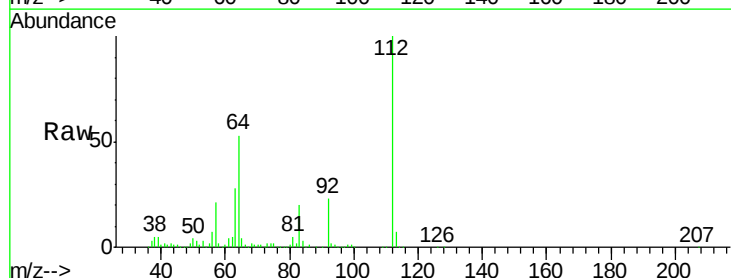
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



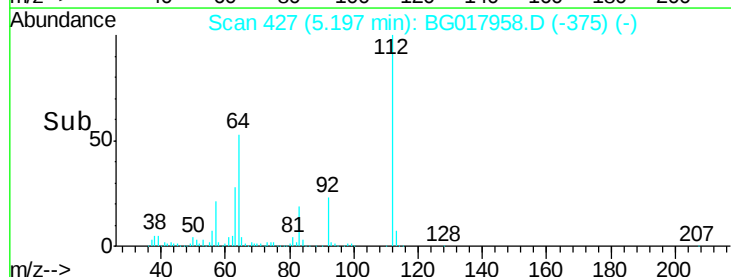
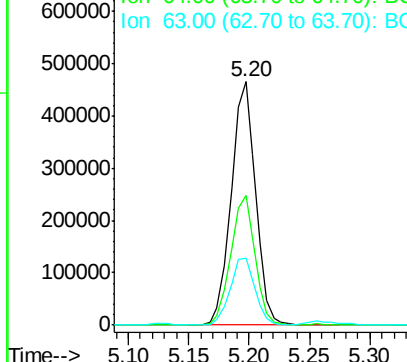
#5

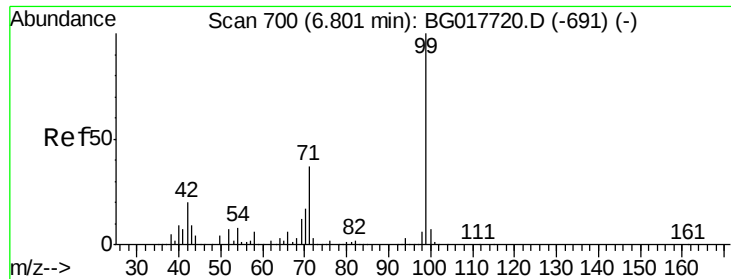
2-Fluorophenol
Concen: 119.43 ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:112 Resp: 652715
Ion Ratio Lower Upper
112 100
64 53.1 45.4 68.0
63 27.6 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: 120.86 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017958.D

Acq: 18 Jul 2015 11:42

Instrument :

BNA_G

ClientSampleId :

WATERLINE1-071515

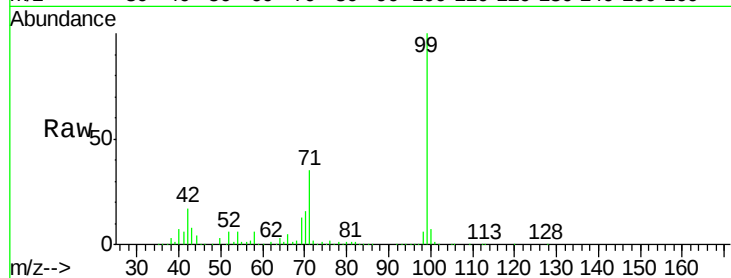
Tgt Ion: 99 Resp: 865355

Ion Ratio Lower Upper

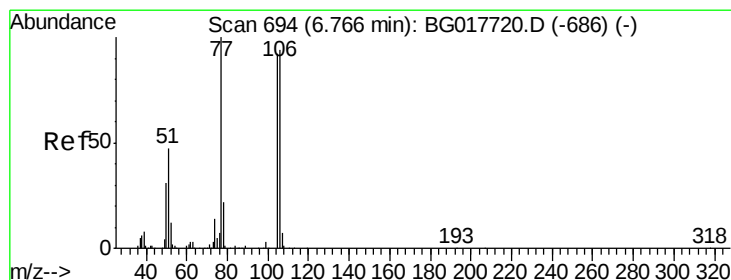
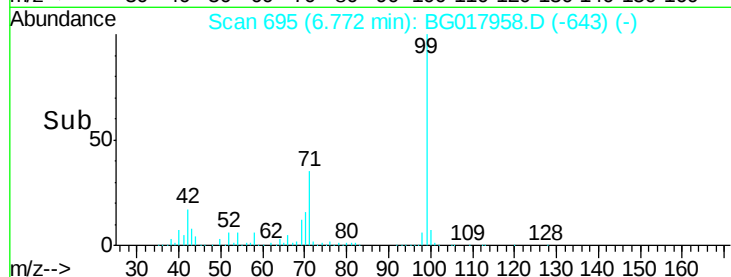
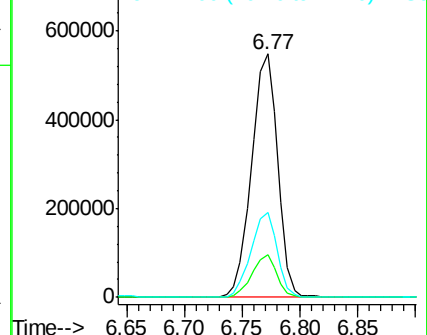
99 100

42 17.3 16.2 24.4

71 34.8 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



#9

Benzaldehyde

Concen: 3.21 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG017958.D

Acq: 18 Jul 2015 11:42

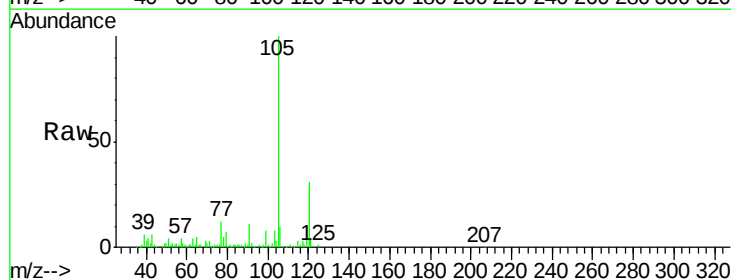
Tgt Ion: 77 Resp: 14067

Ion Ratio Lower Upper

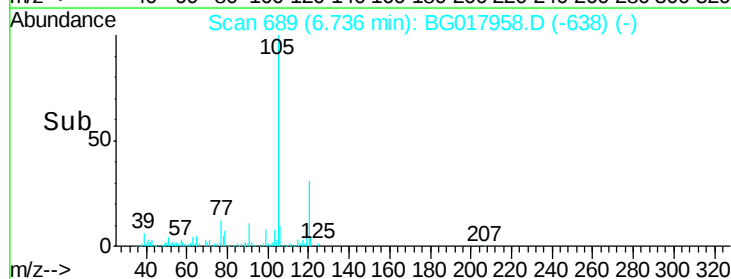
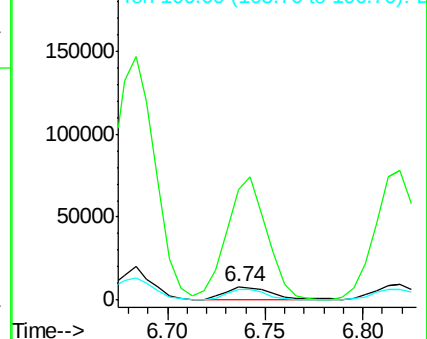
77 100

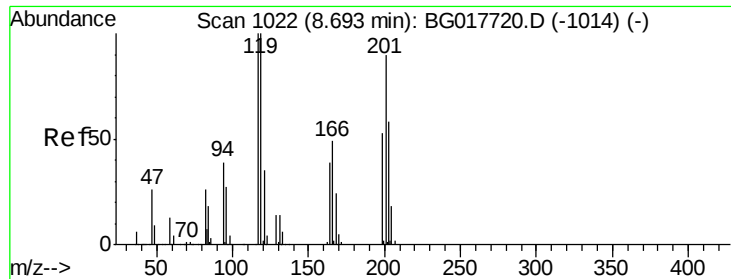
105 810.3 71.8 111.8#

106 78.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

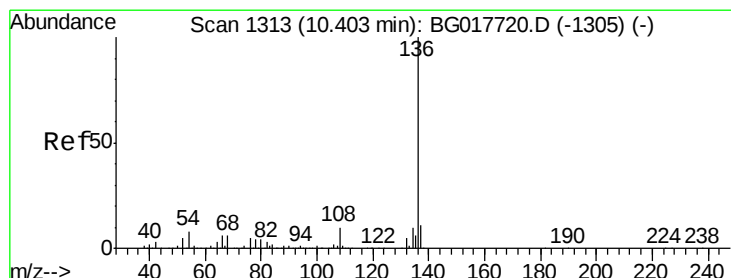
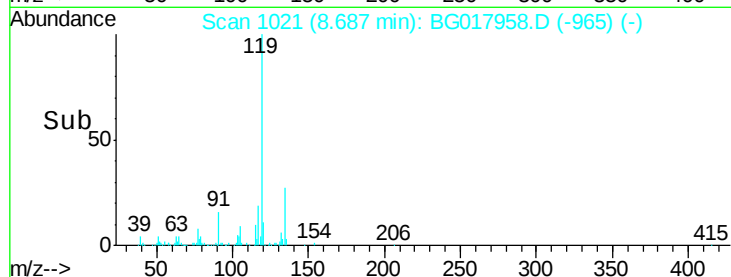
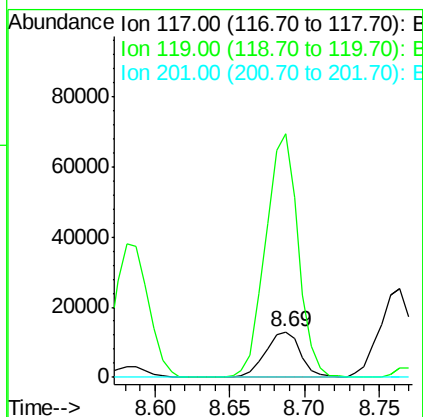
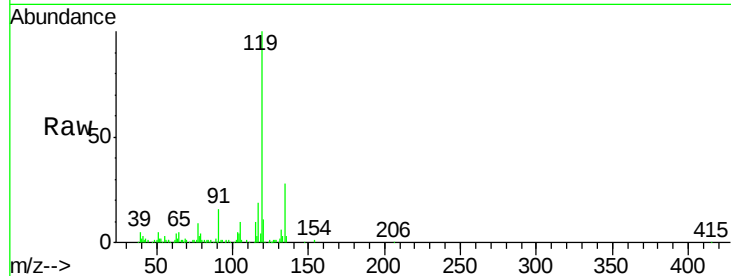




#18
Hexachloroethane
Concen: 7.76 ng
RT: 8.69 min Scan# 1021
Delta R.T. 0.03 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

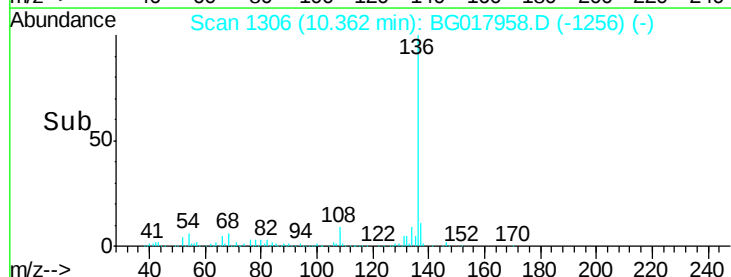
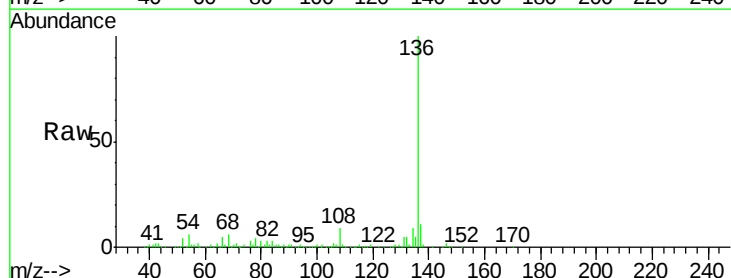
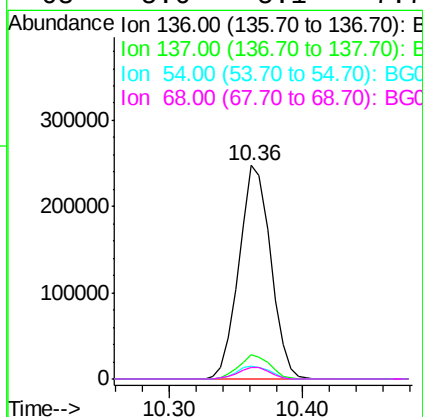
Instrument :
BNA_G
ClientSampleId :
WATERLINE1-071515

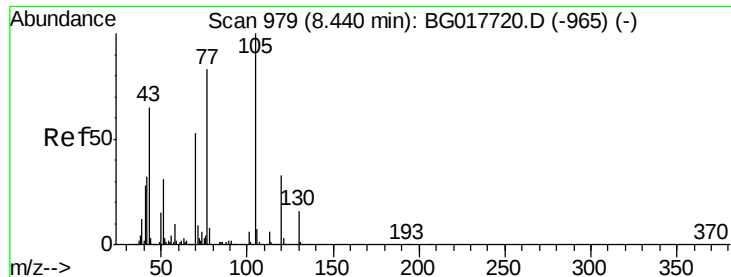
Tgt Ion:117 Resp: 21245
Ion Ratio Lower Upper
117 100
119 532.6 80.1 120.1#
201 0.0 71.9 107.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:136 Resp: 406732
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.0 6.6 9.8#
68 5.6 5.1 7.7





#22

Acetophenone

Concen: 3.69 ng

RT: 8.39 min Scan# 970

Delta R.T. -0.02 min

Lab File: BG017958.D

Acq: 18 Jul 2015 11:42

Instrument :

BNA_G

ClientSampleId :

WATERLINE1-071515

Tgt Ion: 105 Resp: 32418

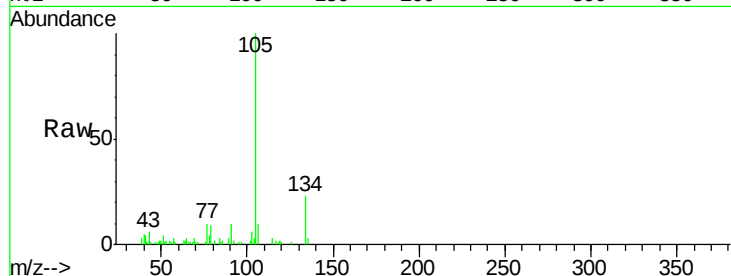
Ion Ratio Lower Upper

105 100

71 0.7 7.7 11.5#

51 3.6 24.9 37.3#

120 0.9 26.2 39.4#

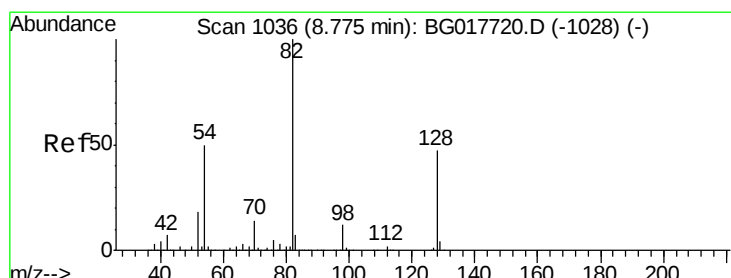
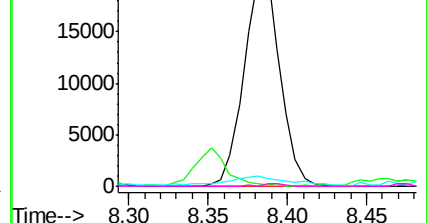
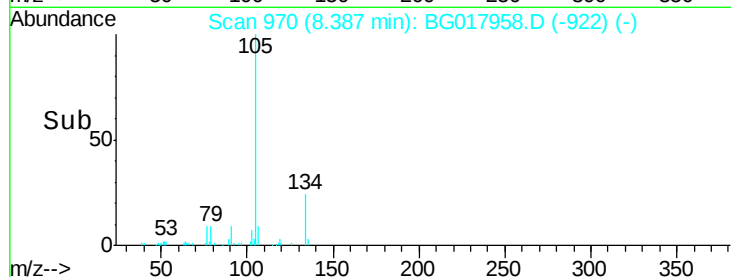


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 79.54 ng

RT: 8.74 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG017958.D

Acq: 18 Jul 2015 11:42

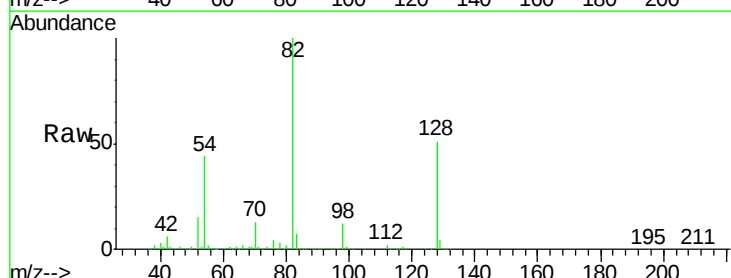
Tgt Ion: 82 Resp: 499506

Ion Ratio Lower Upper

82 100

128 50.7 37.8 56.6

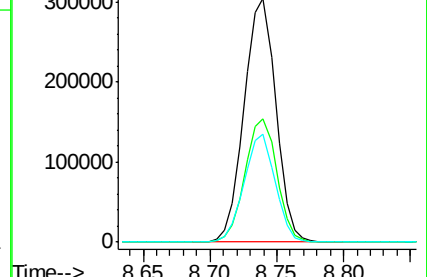
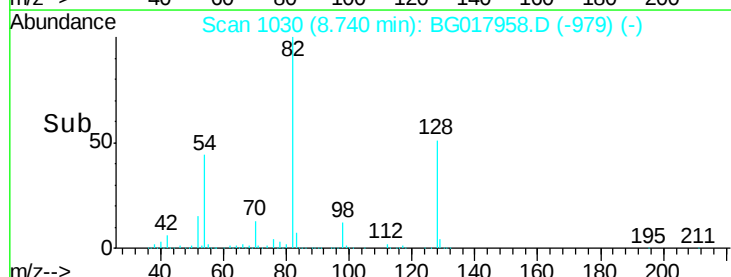
54 44.2 39.9 59.9

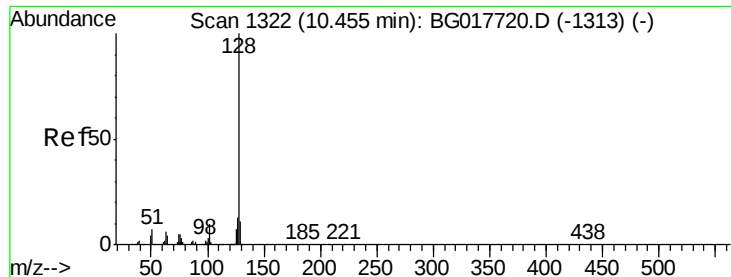


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

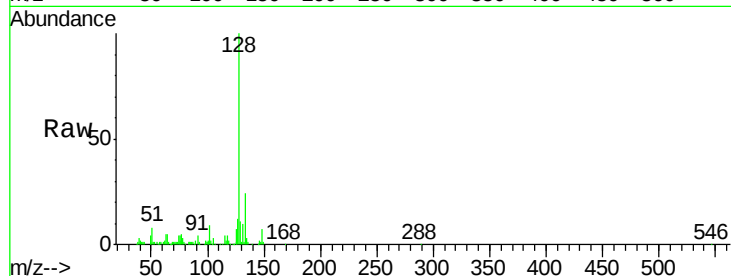




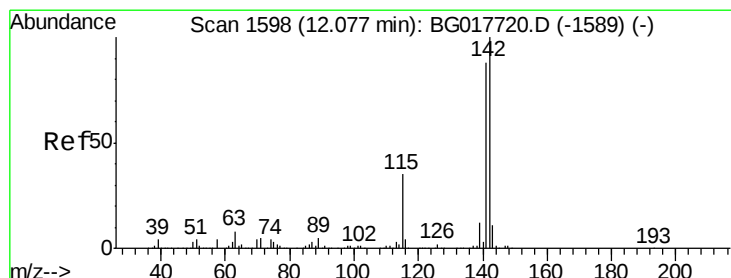
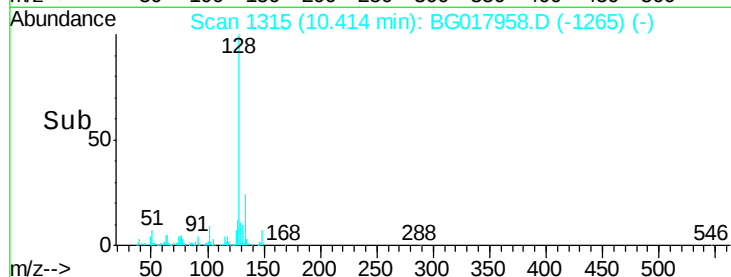
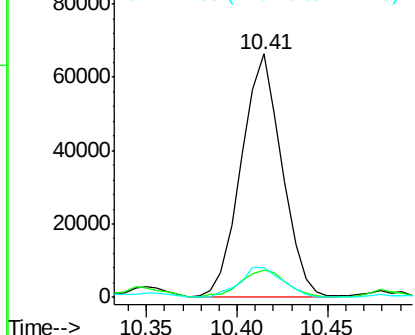
#31
Naphthalene
Concen: 5.17 ng
RT: 10.41 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Instrument :
BNA_G
ClientSampleId :
WATERLINE1-071515

Tgt Ion:128 Resp: 102936
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.1 10.7 16.1

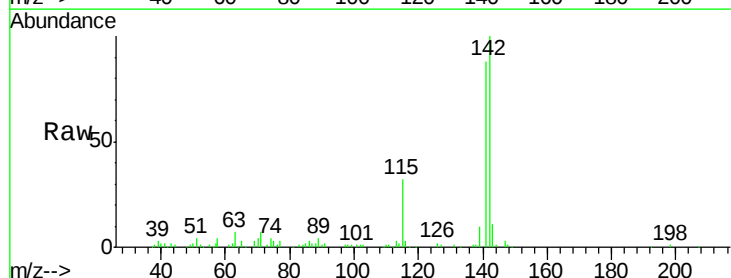


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

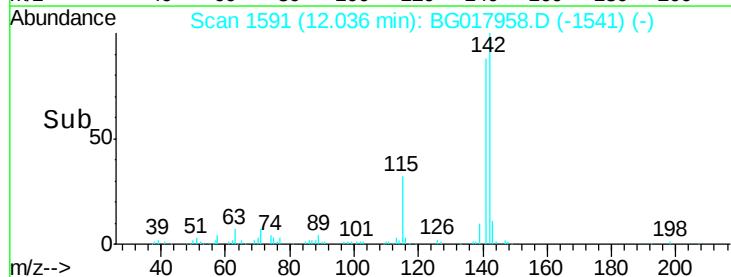
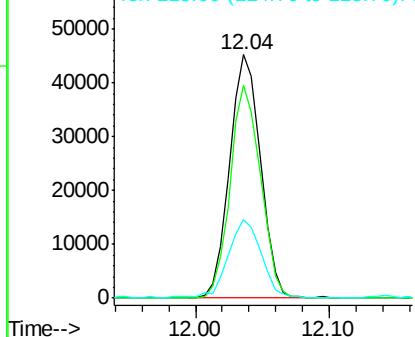


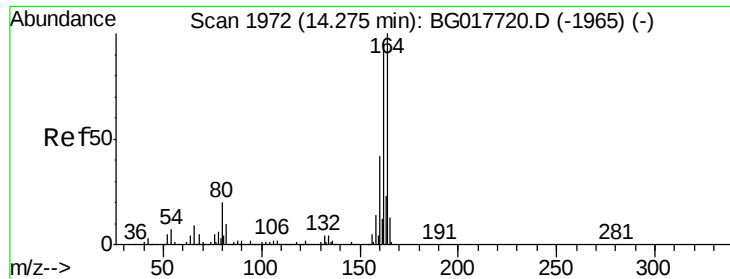
#37
2-Methylnaphthalene
Concen: 5.11 ng
RT: 12.04 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:142 Resp: 73056
Ion Ratio Lower Upper
142 100
141 87.6 70.7 106.1
115 32.3 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.24 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG017958.D

Acq: 18 Jul 2015 11:42

Instrument :

BNA_G

ClientSampleId :

WATERLINE1-071515

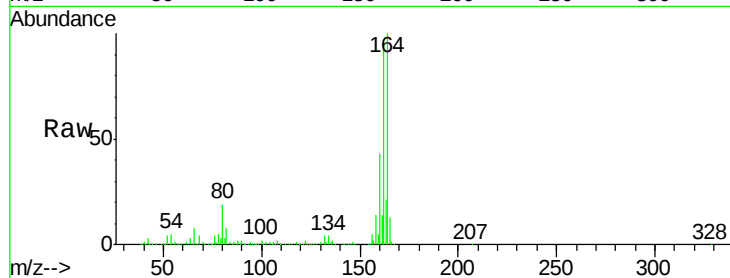
Tgt Ion:164 Resp: 248588

Ion Ratio Lower Upper

164 100

162 95.8 76.3 114.5

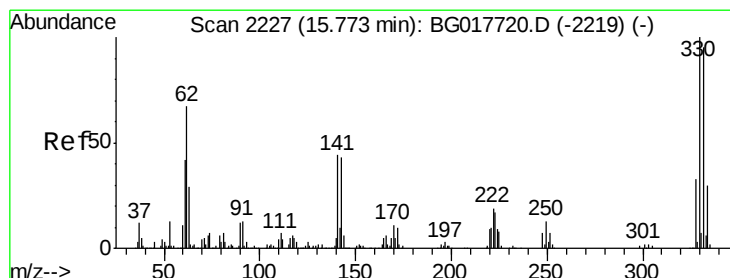
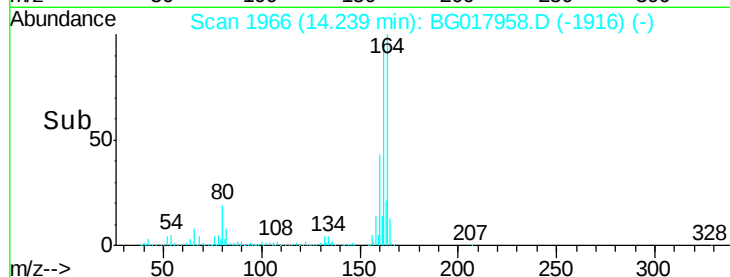
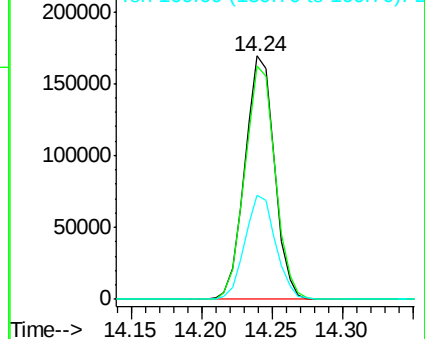
160 42.8 33.7 50.5



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: 125.32 ng

RT: 15.74 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG017958.D

Acq: 18 Jul 2015 11:42

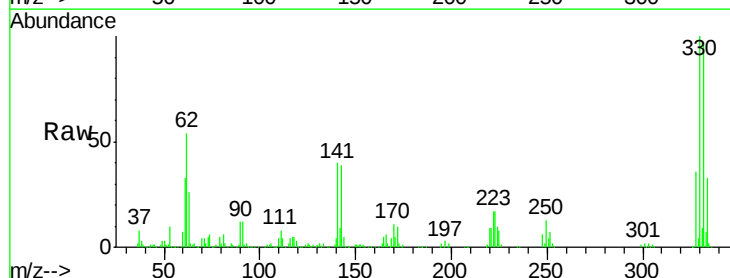
Tgt Ion:330 Resp: 315628

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

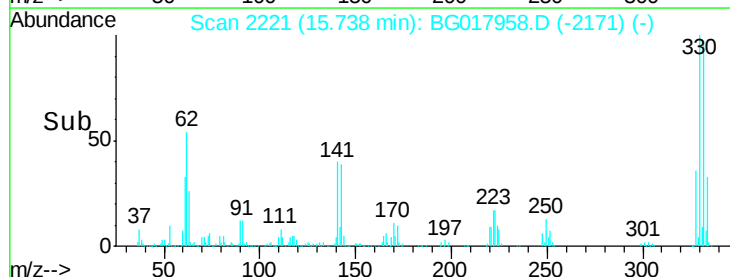
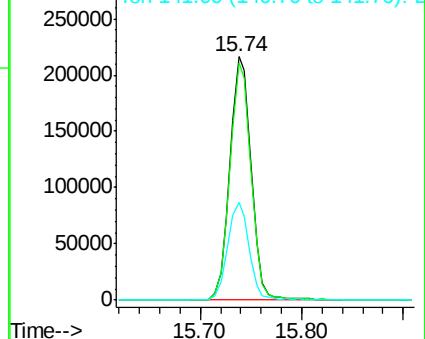
141 40.7 38.0 57.0

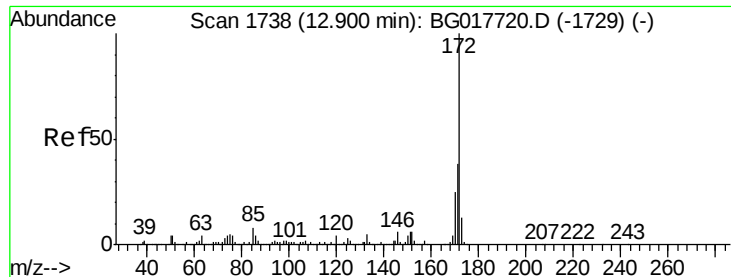


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

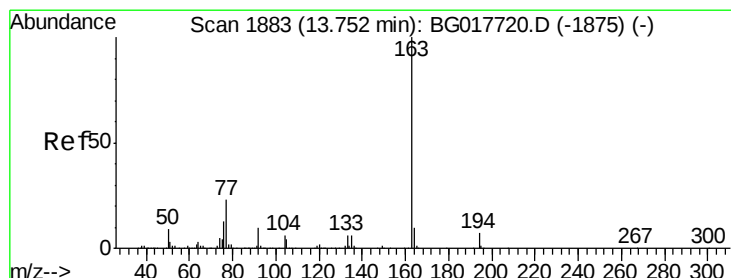
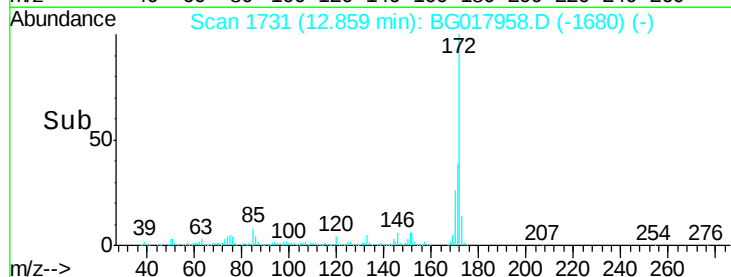
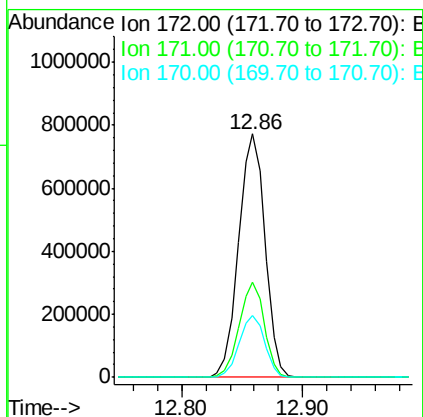
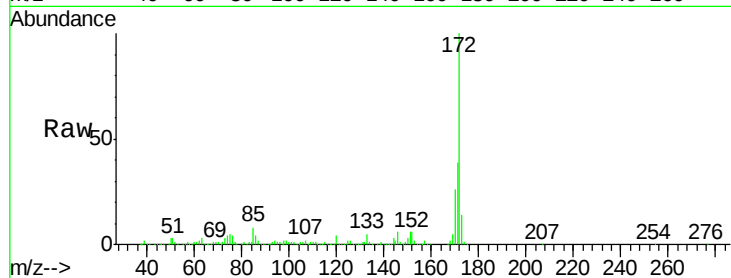




#44
2-Fluorobiphenyl
Concen: 82.10 ng
RT: 12.86 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

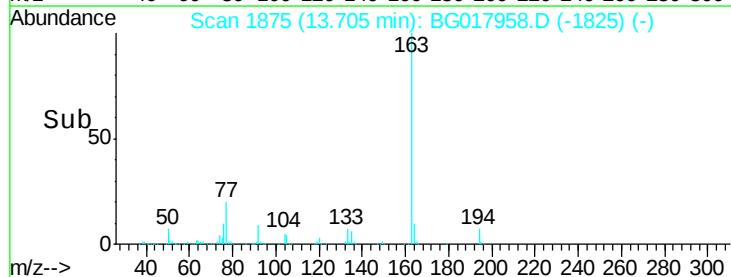
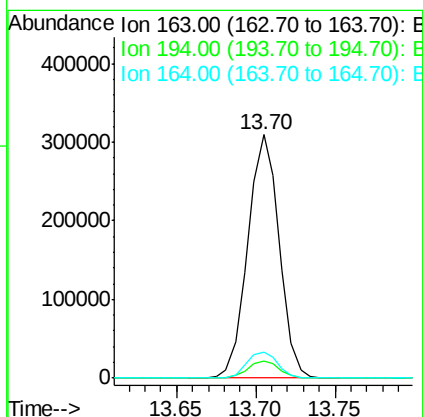
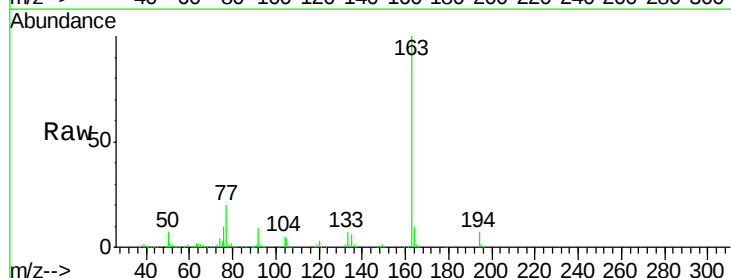
Instrument :
BNA_G
ClientSampleId :
WATERLINE1-071515

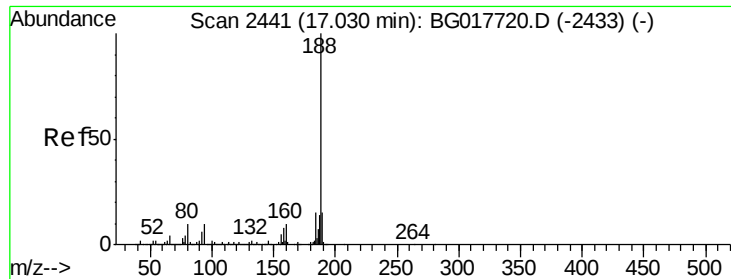
Tgt Ion:172 Resp: 1177762
Ion Ratio Lower Upper
172 100
171 38.9 30.7 46.1
170 25.7 19.7 29.5



#49
Dimethylphthalate
Concen: 24.66 ng
RT: 13.70 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:163 Resp: 425817
Ion Ratio Lower Upper
163 100
194 7.1 5.8 8.6
164 10.4 8.3 12.5

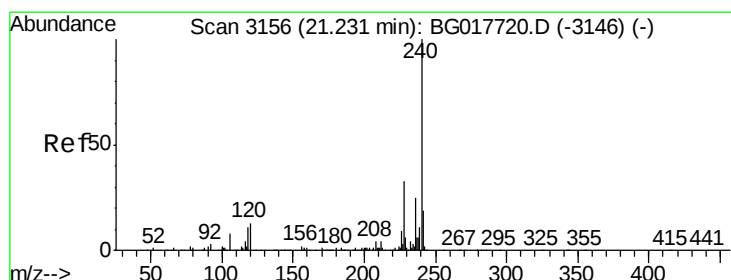
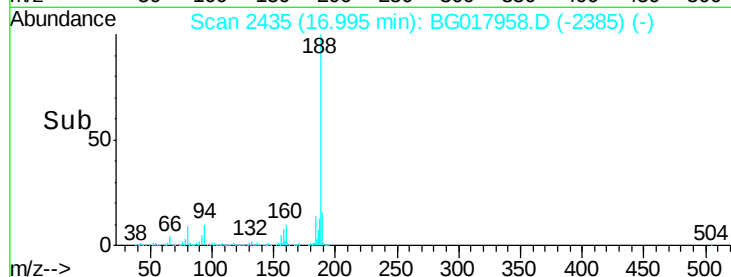
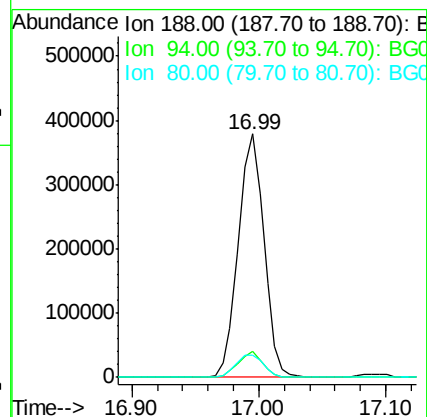
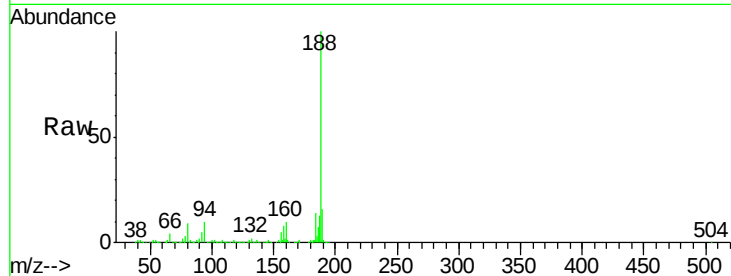




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Instrument :
BNA_G
ClientSampleId :
WATERLINE1-071515

Tgt Ion:188 Resp: 529430
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 9.4 8.2 12.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG017958.D
Acq: 18 Jul 2015 11:42

Tgt Ion:240 Resp: 555098
Ion Ratio Lower Upper
240 100
120 12.3 10.8 16.2
236 25.3 20.0 30.0

