

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017952.D
 Acq On : 18 Jul 2015 8:14
 Operator : TP/UM
 Sample : G3008-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Quant Time: Jul 20 01:51:50 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

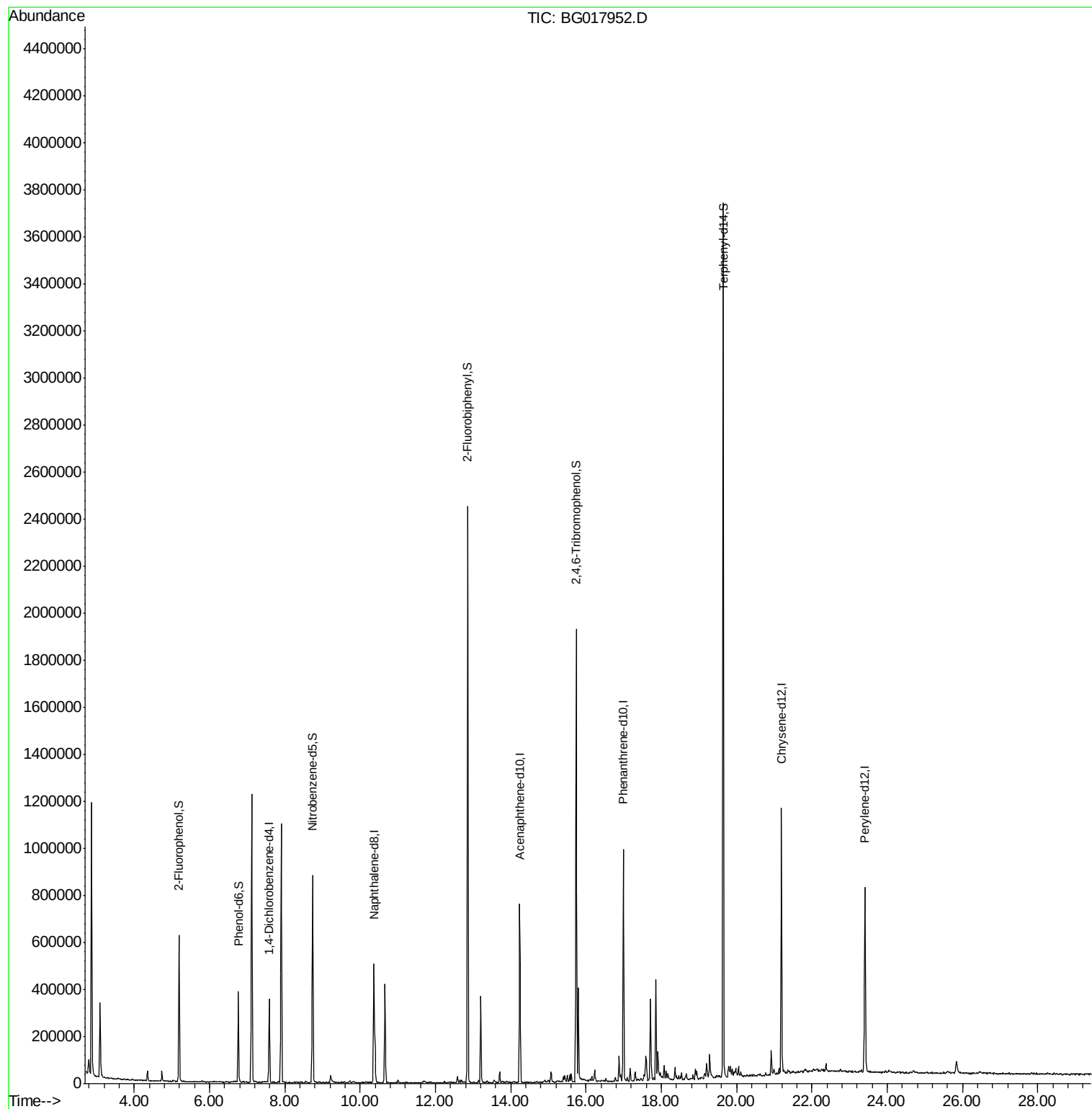
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	94933	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	426970	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	256748	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	547045	20.00	ng	0.00
75) Chrysene-d12	21.20	240	537451	20.00	ng	0.00
86) Perylene-d12	23.41	264	520973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	273378	50.24	ng	0.00
7) Phenol-d6	6.77	99	227686	31.94	ng	0.00
23) Nitrobenzene-d5	8.74	82	512121	77.69	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	328914	126.45	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1214499	81.97	ng	0.00
78) Terphenyl-d14	19.64	244	1545567	72.44	ng	0.00
Target Compounds						
32) Benzoic acid	9.74	122	65	Below Cal	#	1
53) 2,4-Dinitrophenol	14.37	184	53	Below Cal	#	24
69) Pentachlorophenol	16.65	266	71	Below Cal	#	18

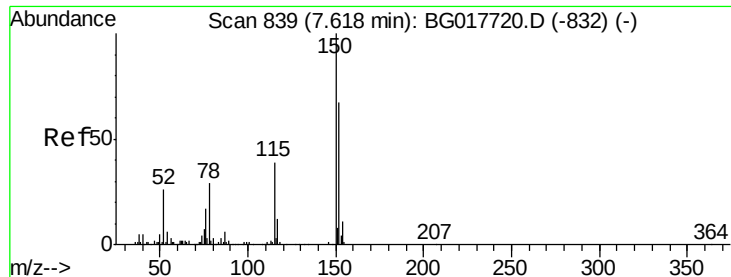
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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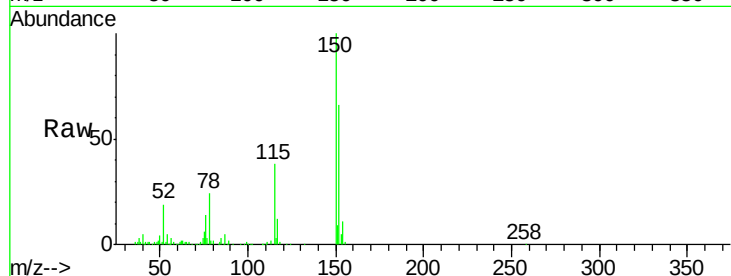


#1

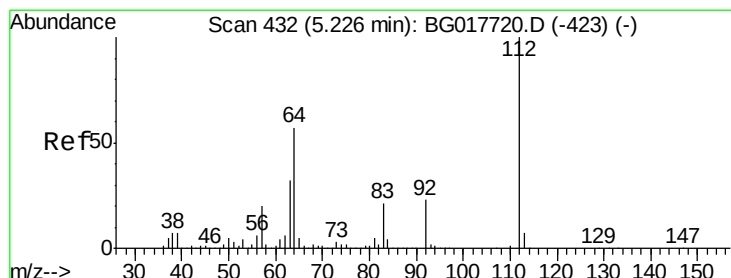
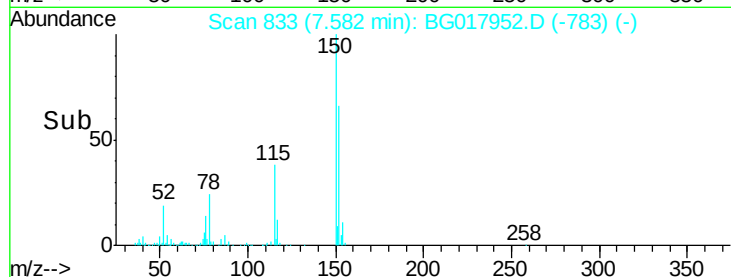
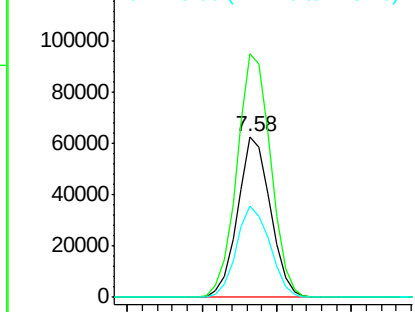
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.58 min Scan# 833
Delta R.T. -0.01 min
Lab File: BG017952.D
Acq: 18 Jul 2015 8:14

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:152 Resp: 94933
Ion Ratio Lower Upper
152 100
150 151.7 119.1 178.7
115 57.3 47.0 70.4



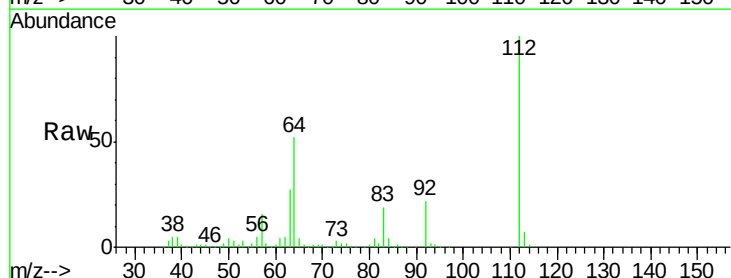
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



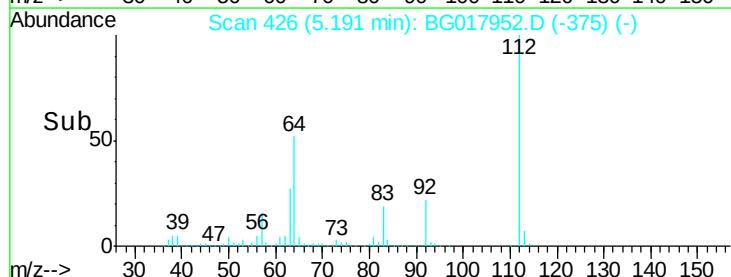
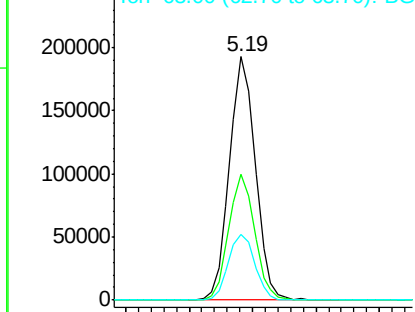
#5

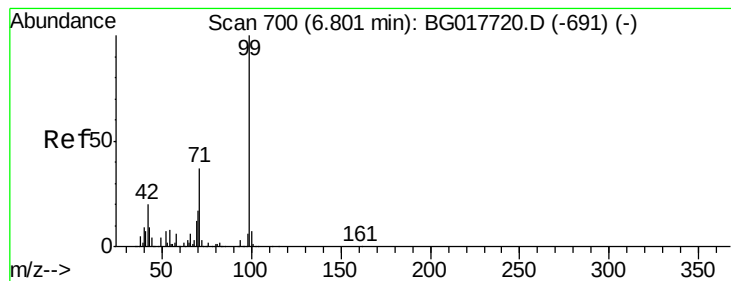
2-Fluorophenol
Concen: 50.24 ng
RT: 5.19 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG017952.D
Acq: 18 Jul 2015 8:14

Tgt Ion:112 Resp: 273378
Ion Ratio Lower Upper
112 100
64 51.6 45.4 68.0
63 27.1 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: 31.94 ng

RT: 6.77 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG017952.D

Acq: 18 Jul 2015 8:14

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

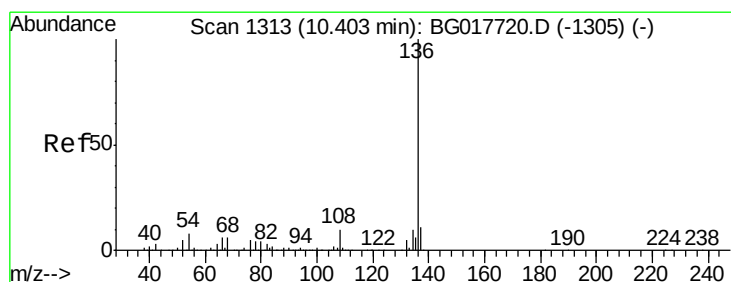
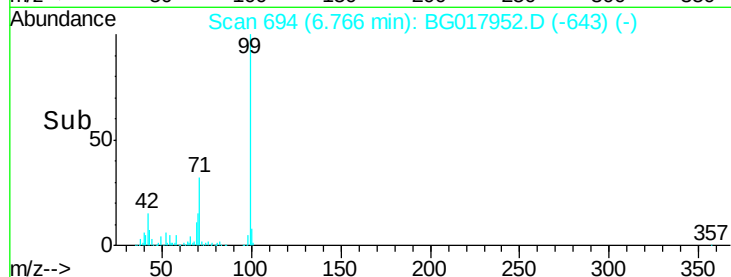
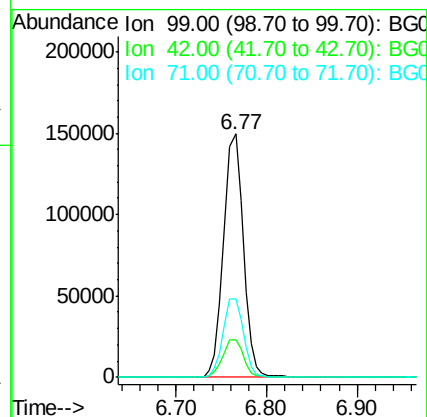
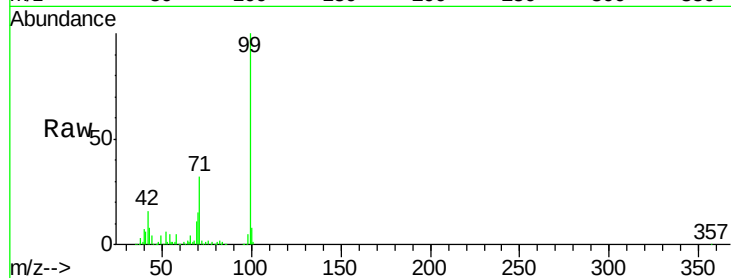
Tgt Ion: 99 Resp: 227686

Ion Ratio Lower Upper

99 100

42 15.5 16.2 24.4#

71 32.3 29.5 44.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG017952.D

Acq: 18 Jul 2015 8:14

Tgt Ion: 136 Resp: 426970

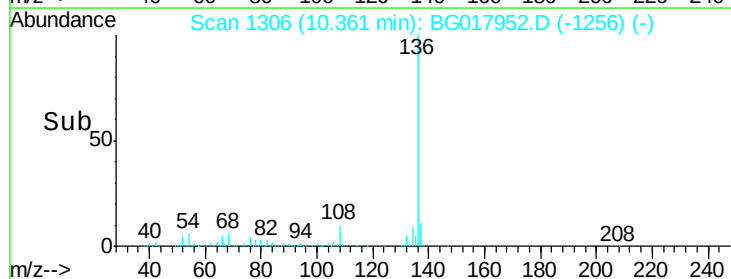
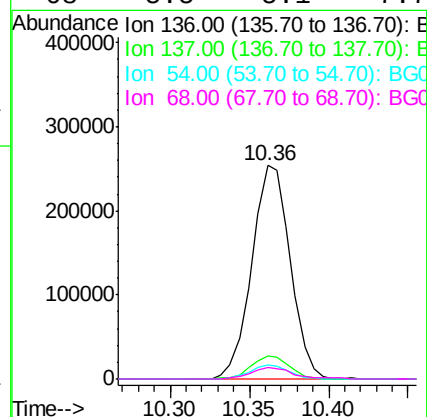
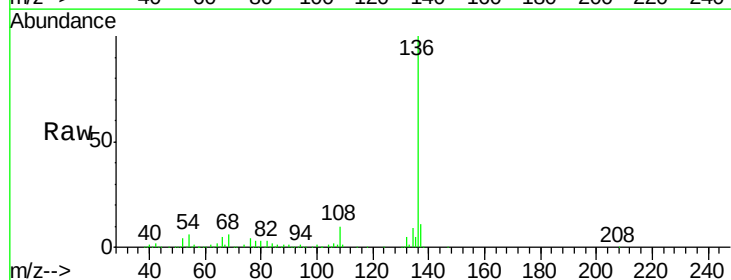
Ion Ratio Lower Upper

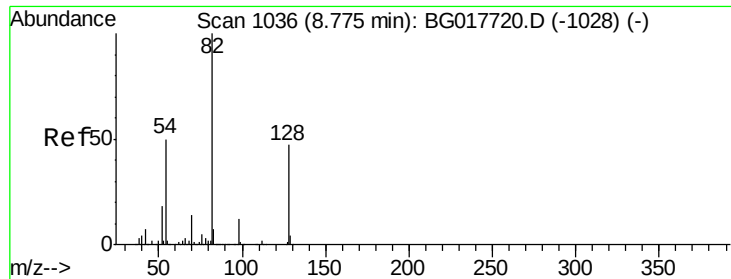
136 100

137 11.1 8.8 13.2

54 6.3 6.6 9.8#

68 5.5 5.1 7.7

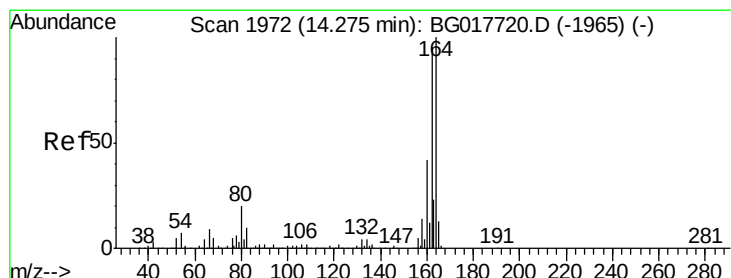
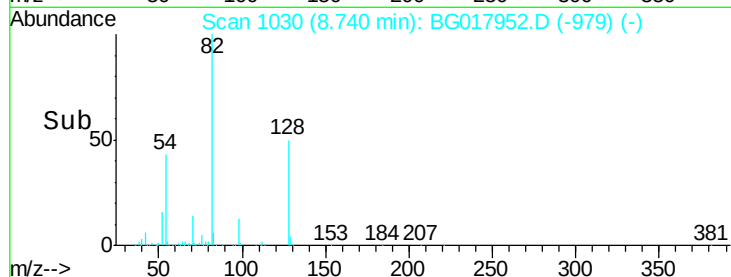
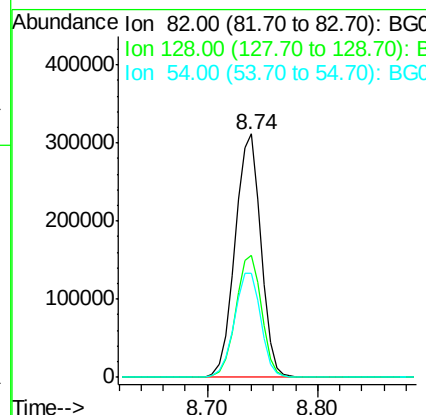
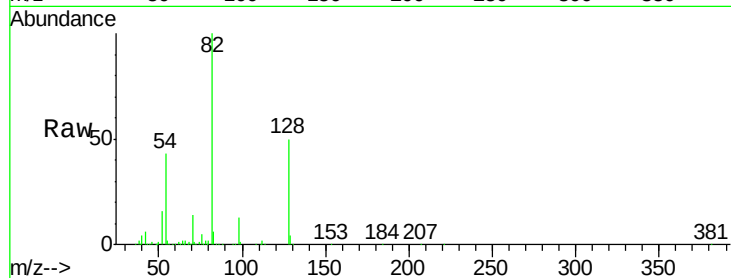




#23
 Nitrobenzene-d5
 Concen: 77.69 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG017952.D
 Acq: 18 Jul 2015 8:14

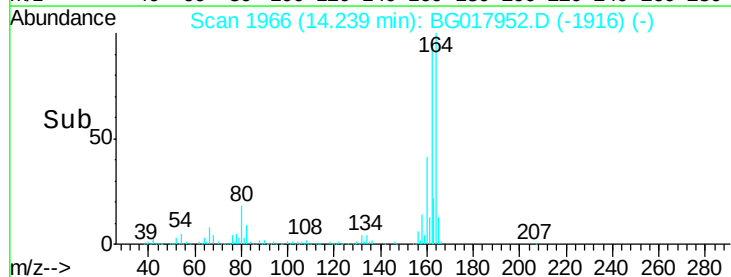
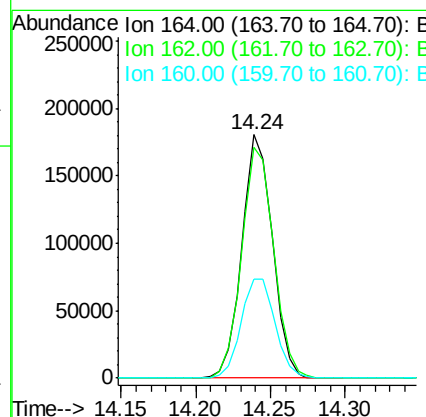
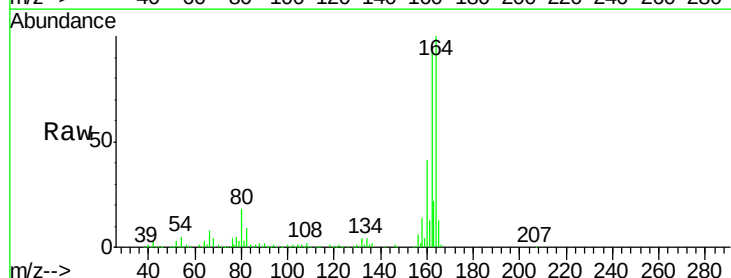
Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

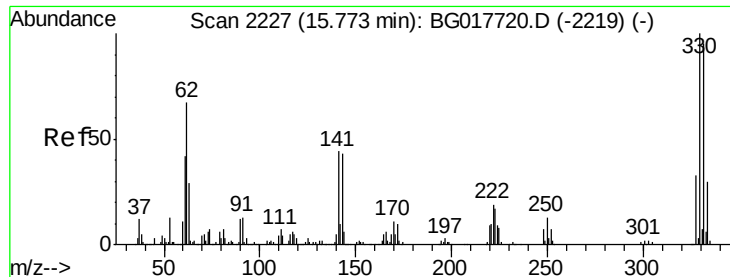
Tgt Ion: 82 Resp: 512121
 Ion Ratio Lower Upper
 82 100
 128 49.9 37.8 56.6
 54 42.5 39.9 59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG017952.D
 Acq: 18 Jul 2015 8:14

Tgt Ion: 164 Resp: 256748
 Ion Ratio Lower Upper
 164 100
 162 94.7 76.3 114.5
 160 40.8 33.7 50.5

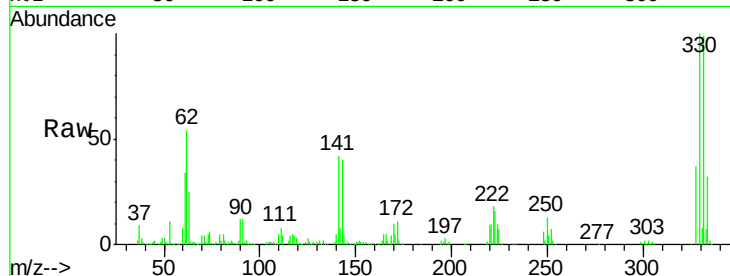




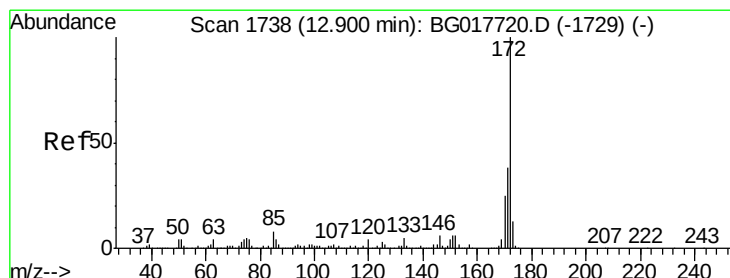
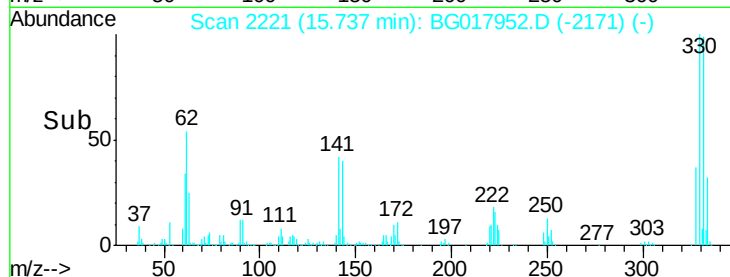
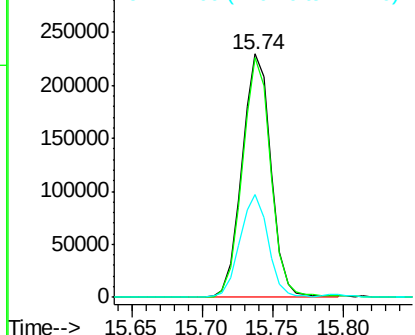
#41
 2,4,6-Tribromophenol
 Concen: 126.45 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017952.D
 Acq: 18 Jul 2015 8:14

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Tgt Ion:330 Resp: 328914
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.8 115.2
 141 41.0 38.0 57.0

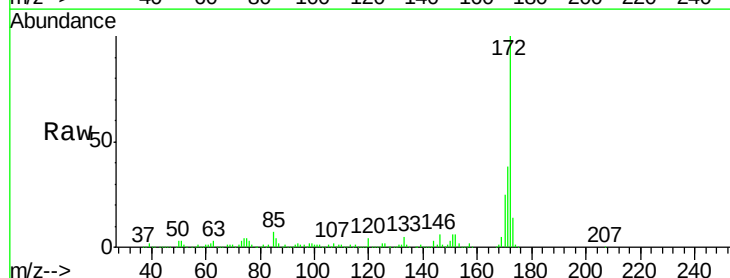


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

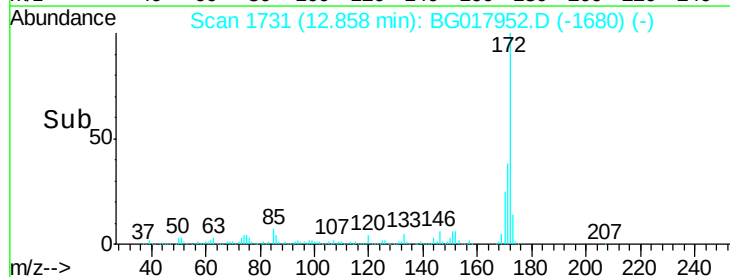
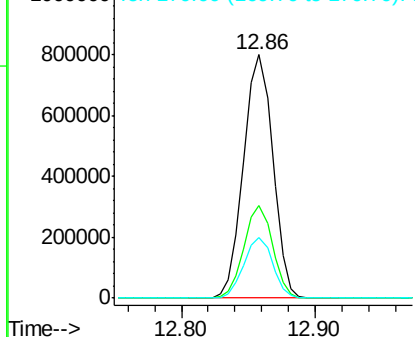


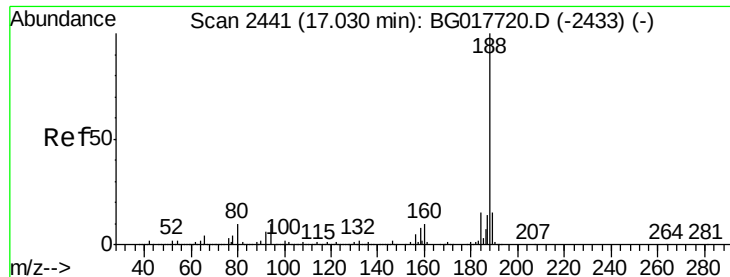
#44
 2-Fluorobiphenyl
 Concen: 81.97 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017952.D
 Acq: 18 Jul 2015 8:14

Tgt Ion:172 Resp: 1214499
 Ion Ratio Lower Upper
 172 100
 171 38.0 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.99 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG017952.D

Acq: 18 Jul 2015 8:14

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

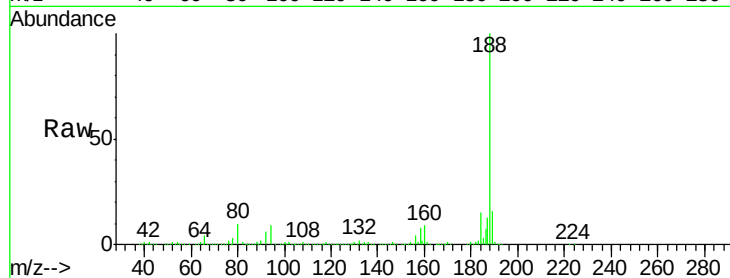
Tgt Ion:188 Resp: 547045

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.2

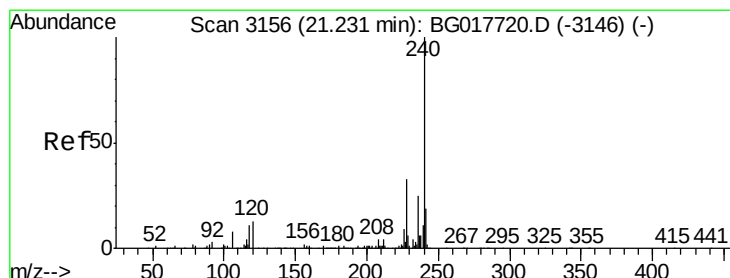
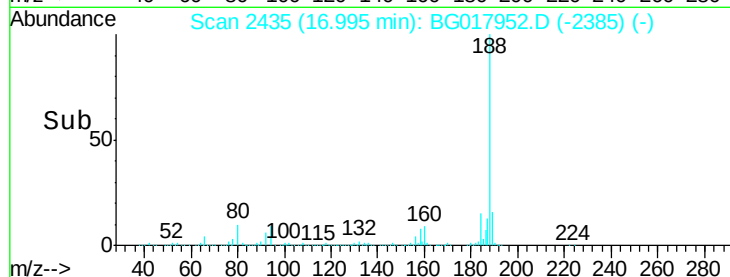
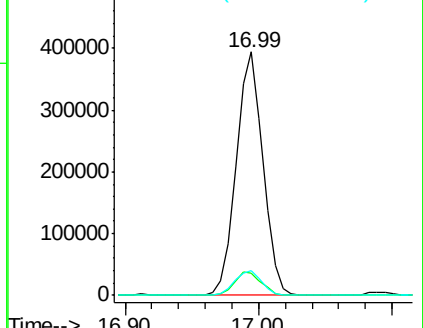
80 10.2 8.2 12.4



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: 21.20 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017952.D

Acq: 18 Jul 2015 8:14

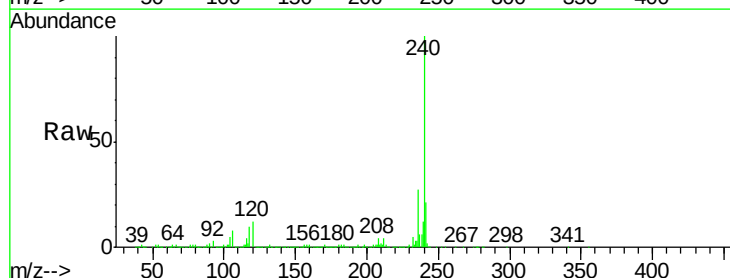
Tgt Ion:240 Resp: 537451

Ion Ratio Lower Upper

240 100

120 12.4 10.8 16.2

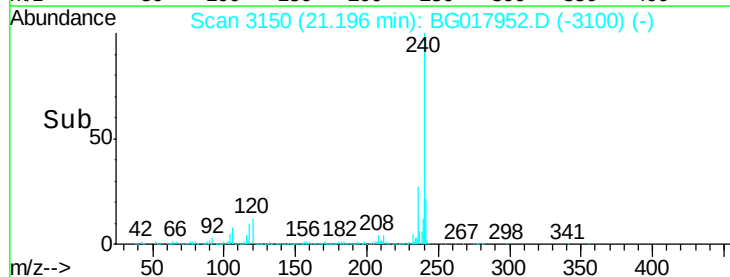
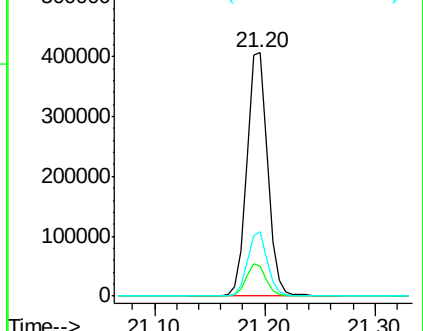
236 26.6 20.0 30.0

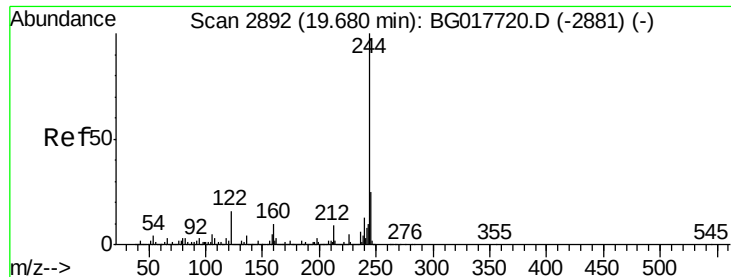


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.44 ng

RT: 19.64 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017952.D

Acq: 18 Jul 2015 8:14

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

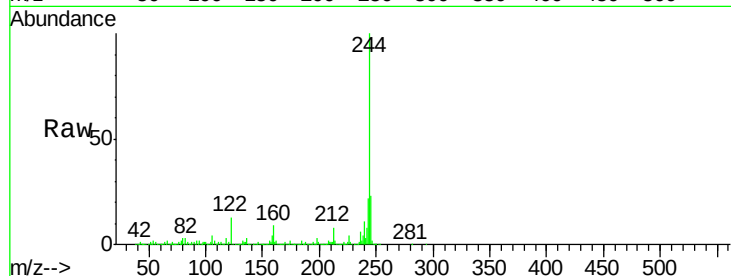
Tgt Ion:244 Resp: 1545567

Ion Ratio Lower Upper

244 100

212 8.0 7.2 10.8

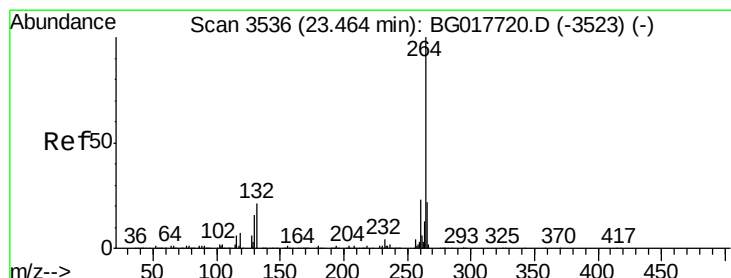
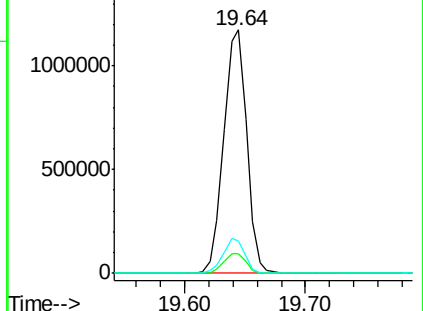
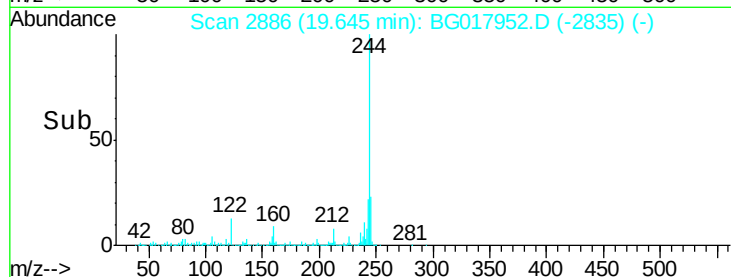
122 13.3 12.8 19.2



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: 23.41 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG017952.D

Acq: 18 Jul 2015 8:14

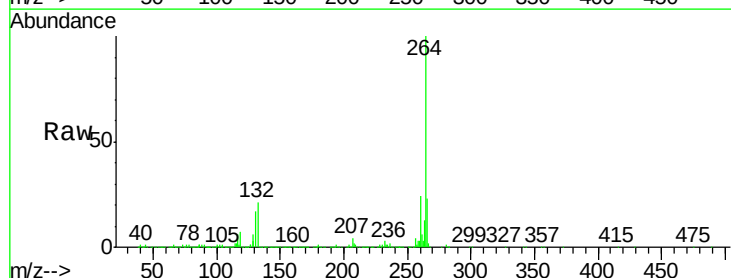
Tgt Ion:264 Resp: 520973

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 22.5 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

