

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027803.D
 Acq On : 2 Jul 2017 4:00
 Operator : SJ/JU
 Sample : I4018-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Quant Time: Jul 03 07:43:54 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

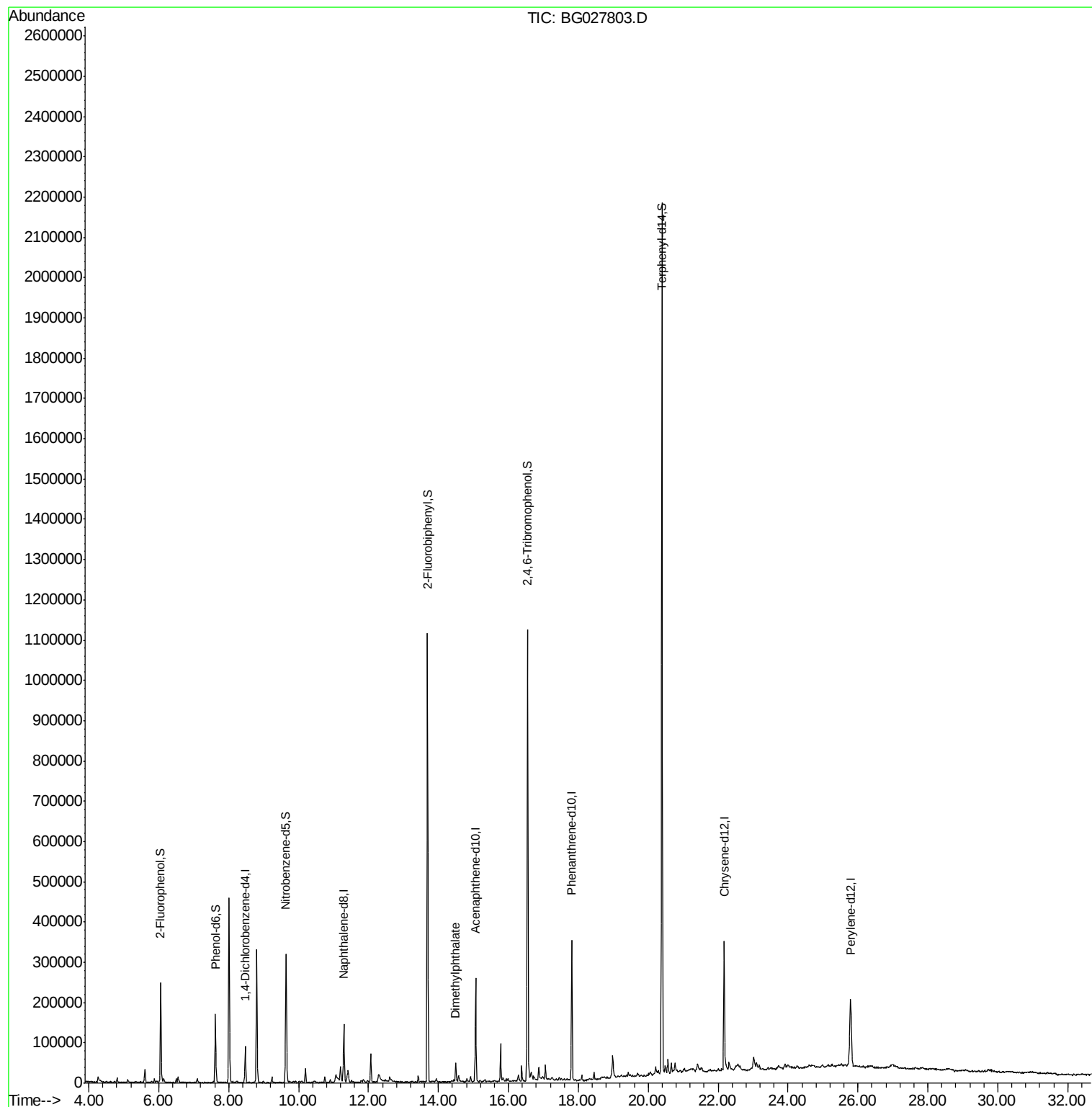
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	25274	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	129680	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	89696	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	215025	20.00	ng	0.00
75) Chrysene-d12	22.17	240	216189	20.00	ng	0.00
86) Perylene-d12	25.79	264	216150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	110575	67.37	ng	0.00
7) Phenol-d6	7.62	99	103769	41.39	ng	0.00
23) Nitrobenzene-d5	9.64	82	201989	86.82	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	215417	175.10	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	583271	92.87	ng	0.00
78) Terphenyl-d14	20.39	244	959081	104.00	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.49	163	32117	4.197	ng	Qvalue 97

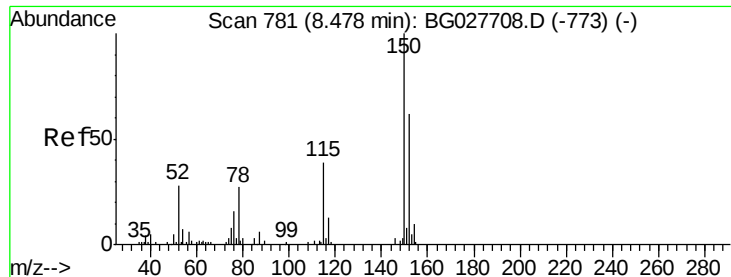
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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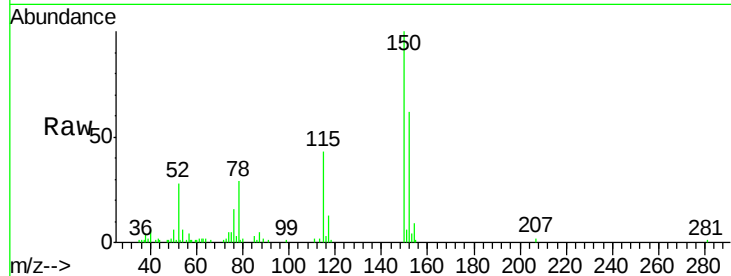


#1

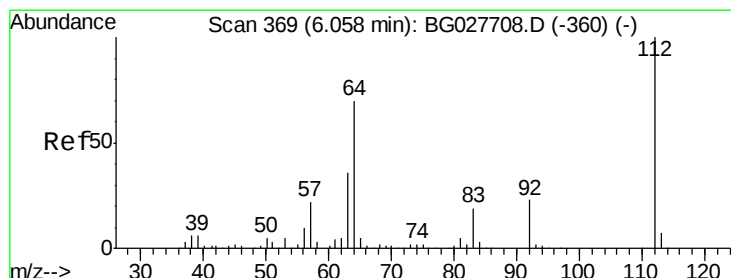
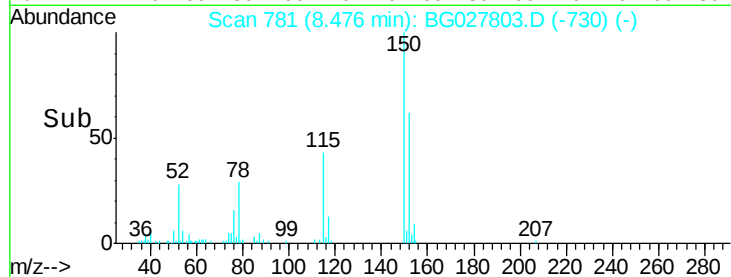
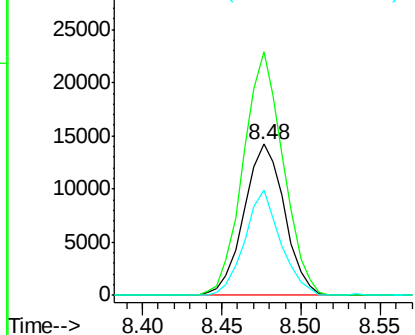
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:152 Resp: 25274
Ion Ratio Lower Upper
152 100
150 161.1 114.0 171.0
115 69.5 48.1 72.1



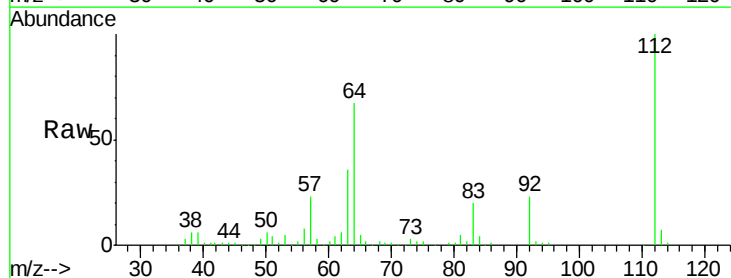
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



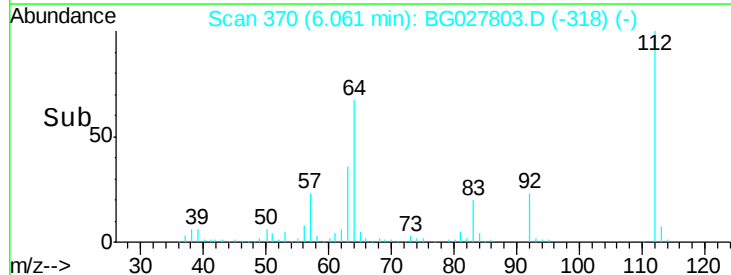
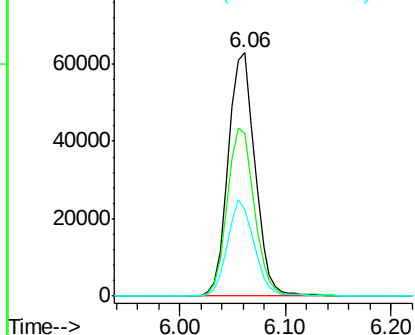
#5

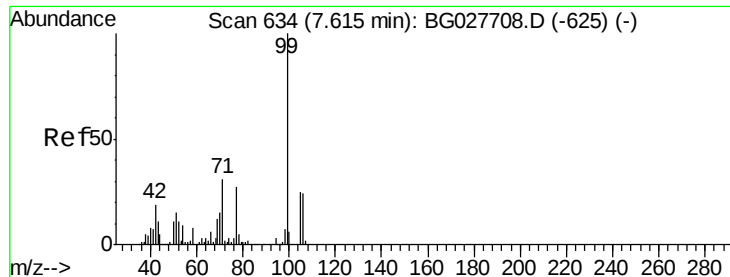
2-Fluorophenol
Concen: 67.372 ng
RT: 6.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Tgt Ion:112 Resp: 110575
Ion Ratio Lower Upper
112 100
64 67.0 61.8 92.6
63 35.5 37.2 55.8#



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: 41.386 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

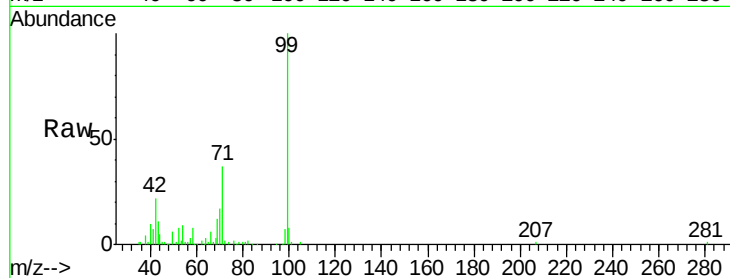
Tgt Ion: 99 Resp: 103769

Ion Ratio Lower Upper

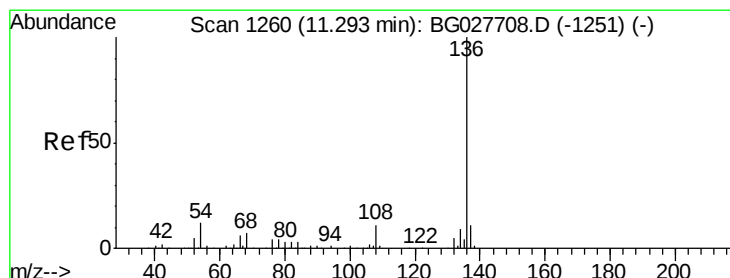
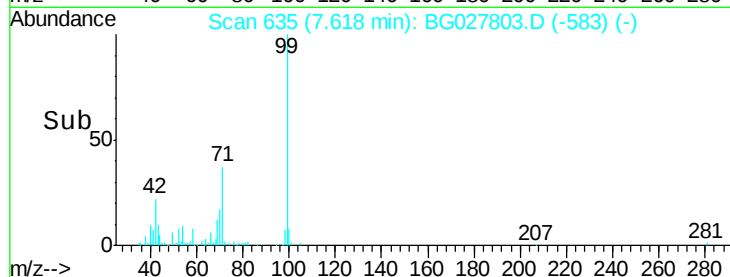
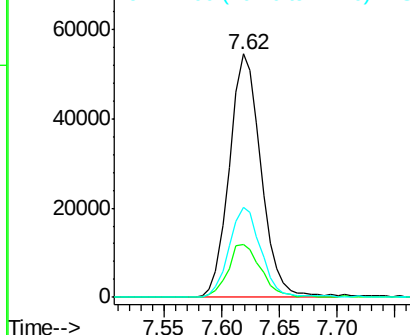
99 100

42 21.5 20.5 30.7

71 36.8 37.6 56.4#



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: 20.000 ng

RT: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

Tgt Ion: 136 Resp: 129680

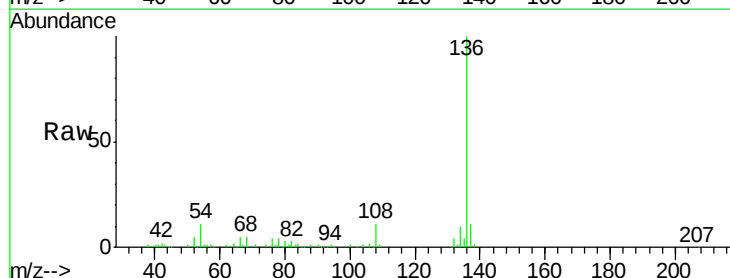
Ion Ratio Lower Upper

136 100

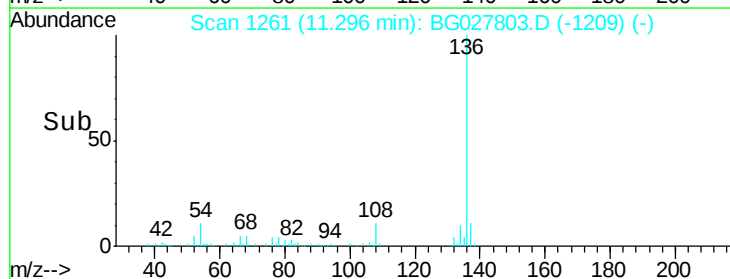
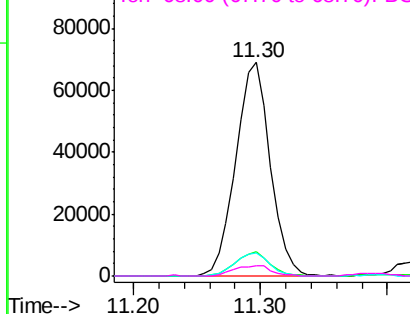
137 11.5 8.9 13.3

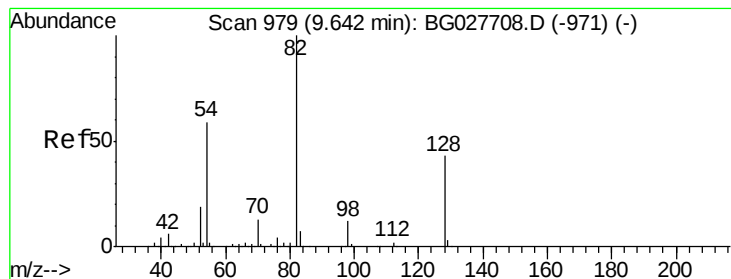
54 10.5 9.3 13.9

68 4.8 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: 86.822 ng

RT: 9.64 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

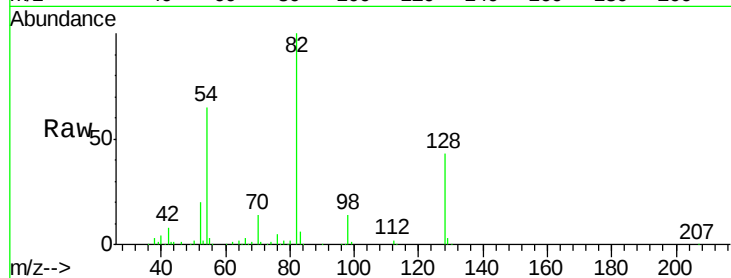
Tgt Ion: 82 Resp: 201989

Ion Ratio Lower Upper

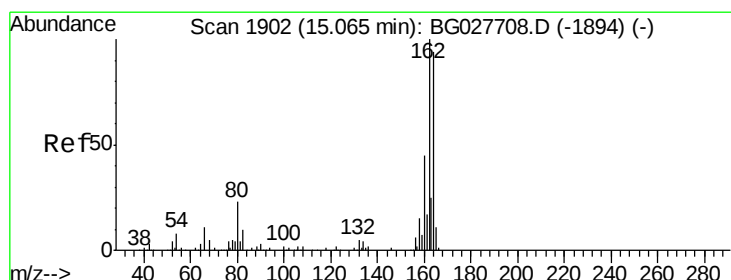
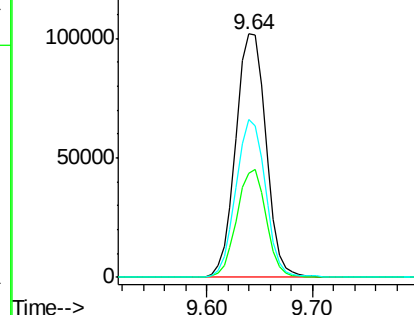
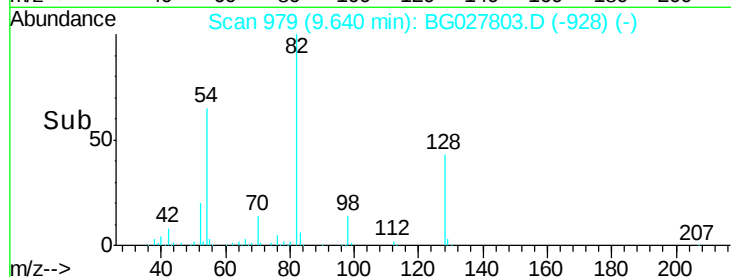
82 100

128 42.8 26.4 39.6#

54 64.8 49.4 74.2



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.06 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

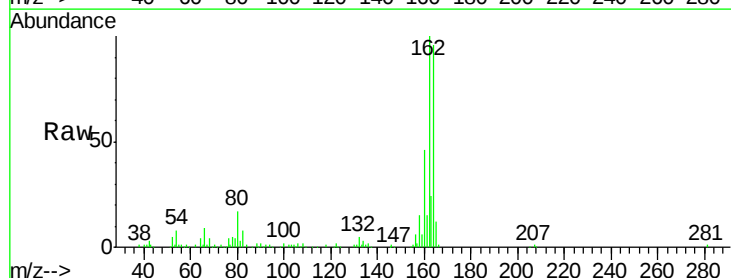
Tgt Ion: 164 Resp: 89696

Ion Ratio Lower Upper

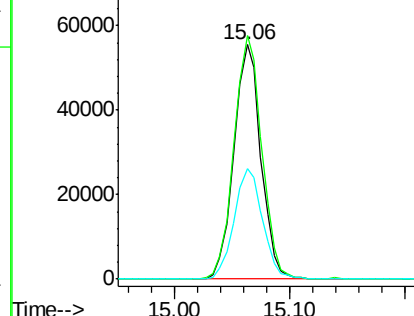
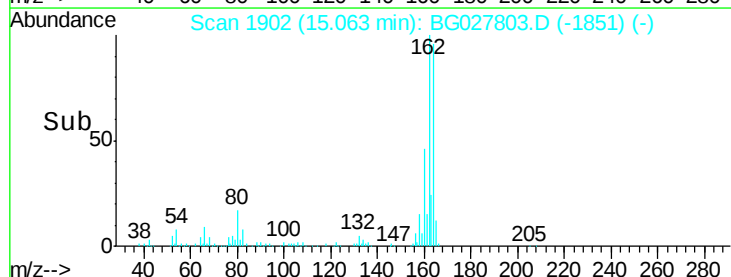
164 100

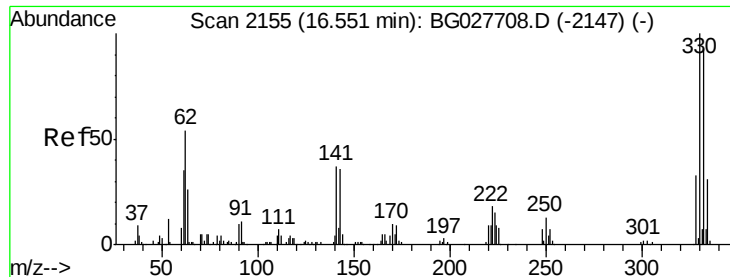
162 103.9 85.1 127.7

160 47.4 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

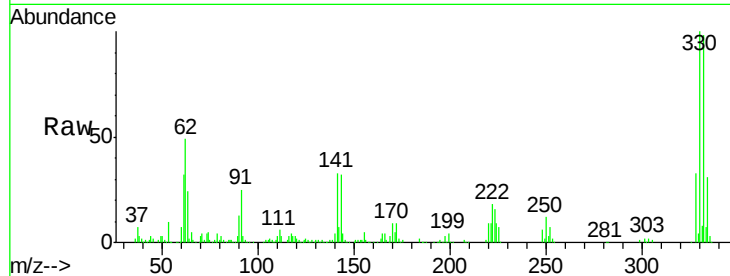




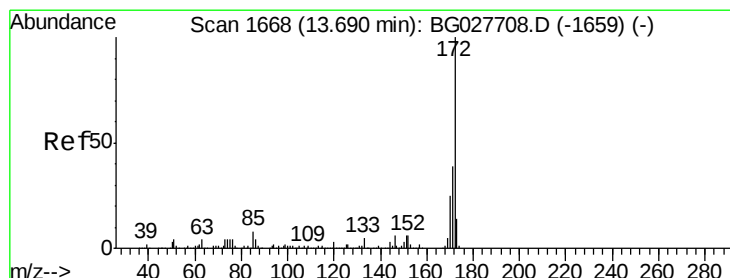
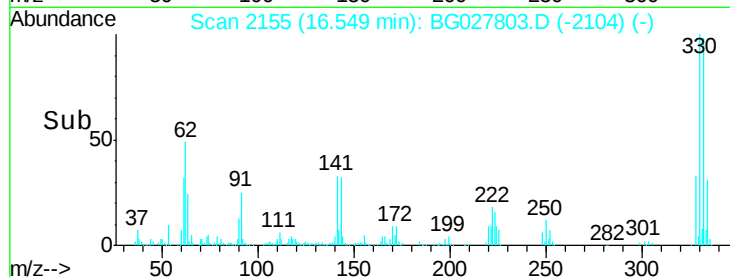
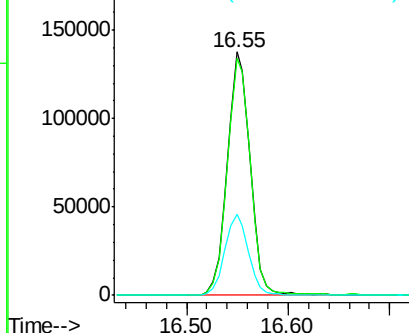
#41
 2,4,6-Tribromophenol
 Concen: 175.096 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027803.D
 Acq: 2 Jul 2017 4:00

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Tgt Ion:330 Resp: 215417
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.3 115.9
 141 34.7 32.1 48.1

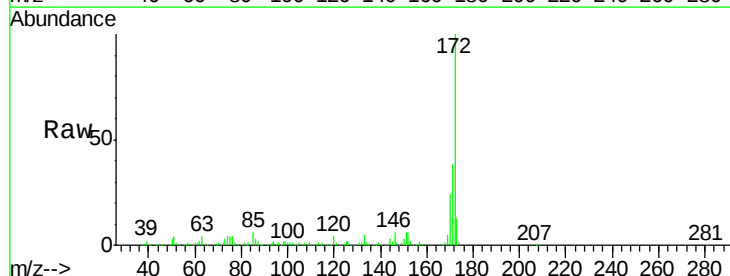


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

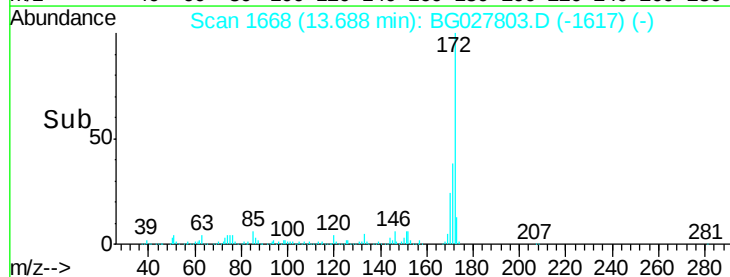
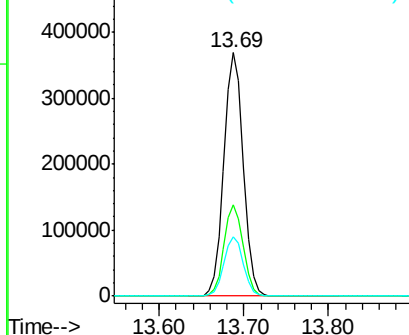


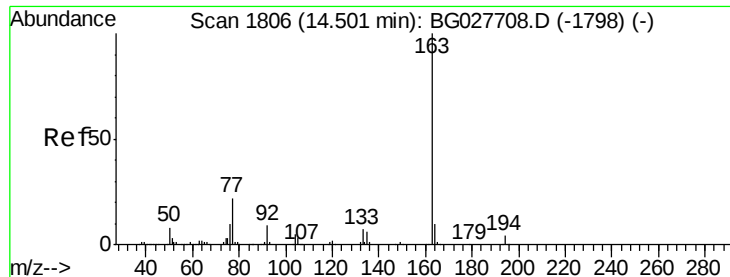
#44
 2-Fluorobiphenyl
 Concen: 92.870 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027803.D
 Acq: 2 Jul 2017 4:00

Tgt Ion:172 Resp: 583271
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.2 48.2
 170 24.4 21.8 32.6



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





#49

Dimethylphthalate

Concen: 4.197 ng

RT: 14.49 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

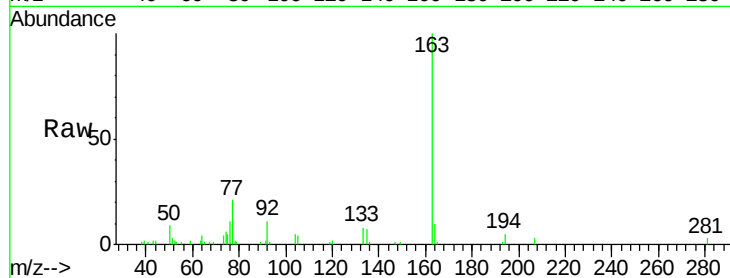
Tgt Ion:163 Resp: 32117

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.6

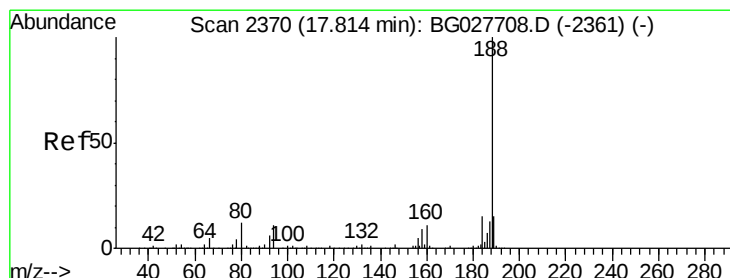
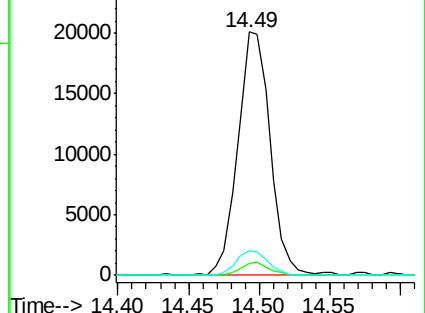
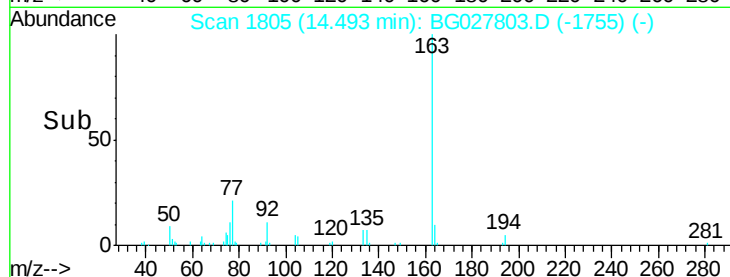
164 10.0 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.81 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

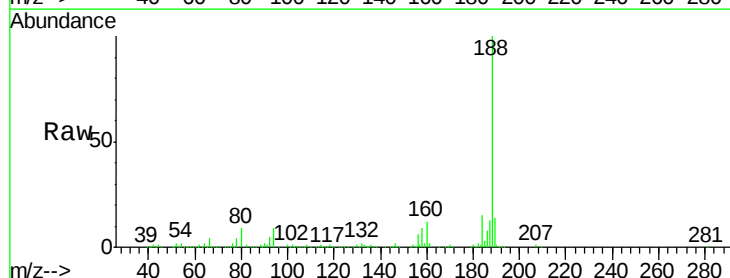
Tgt Ion:188 Resp: 215025

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8#

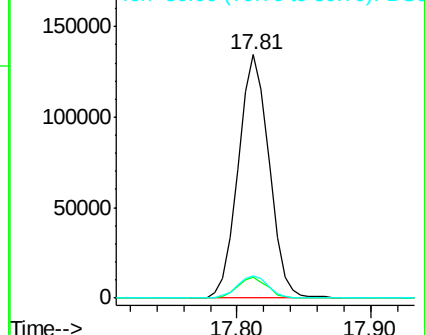
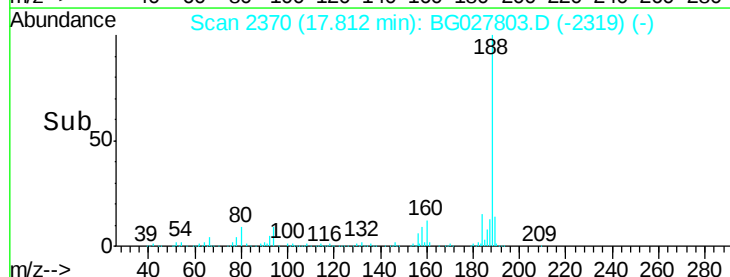
80 9.3 7.5 11.3

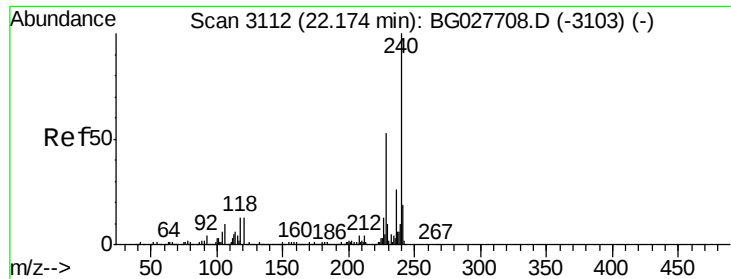


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.17 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

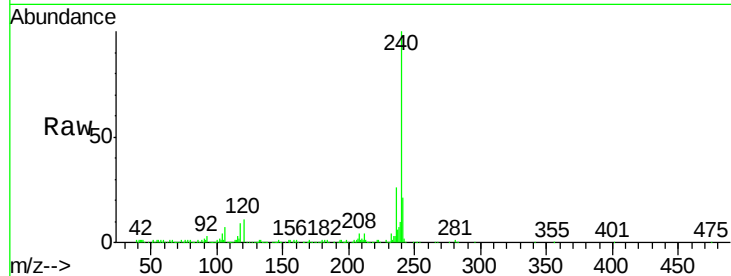
Tgt Ion:240 Resp: 216189

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

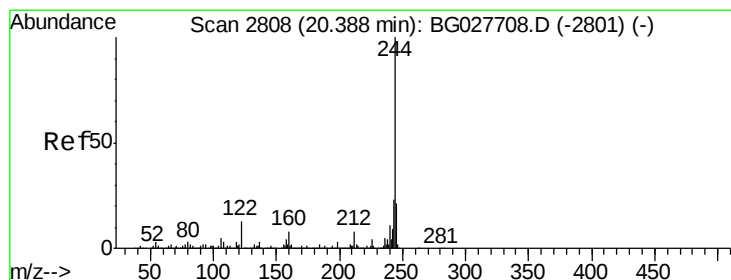
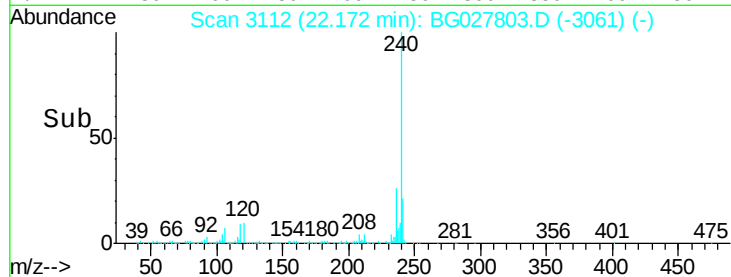
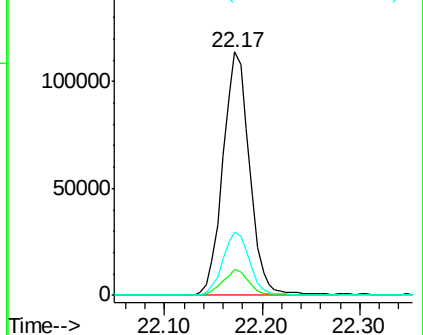
236 25.9 22.2 33.4



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: 104.003 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

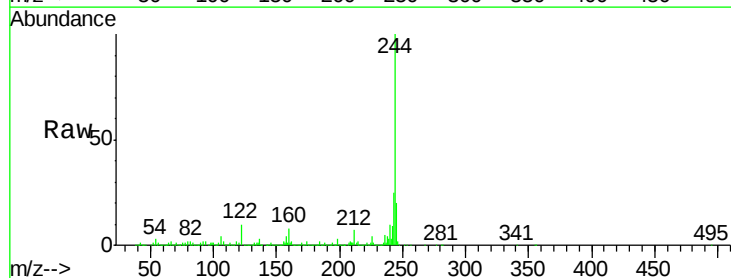
Tgt Ion:244 Resp: 959081

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

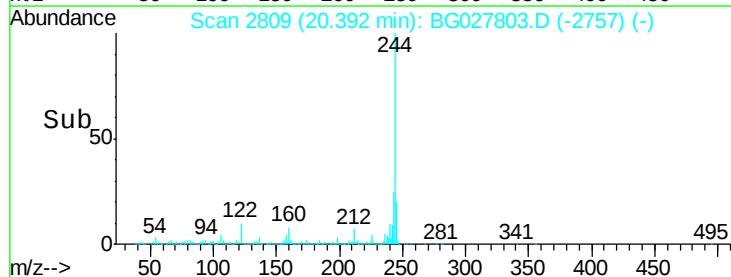
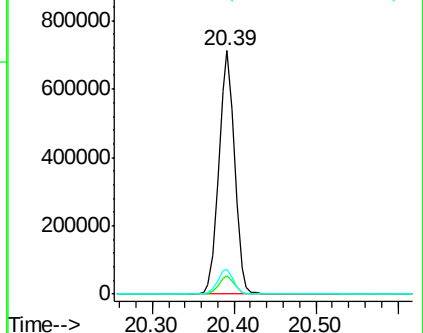
122 9.9 8.6 12.8

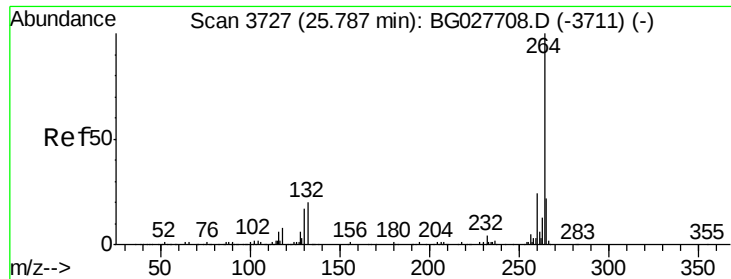


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.79 min Scan# 3727
Delta R.T. -0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion: 264 Resp: 216150
Ion Ratio Lower Upper
264 100
260 23.7 21.8 32.8
265 22.0 18.2 27.4

