

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036819.D
 Acq On : 19 Sep 2018 13:20
 Operator : JU/SJ
 Sample : J4956-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Quant Time: Sep 19 14:24:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

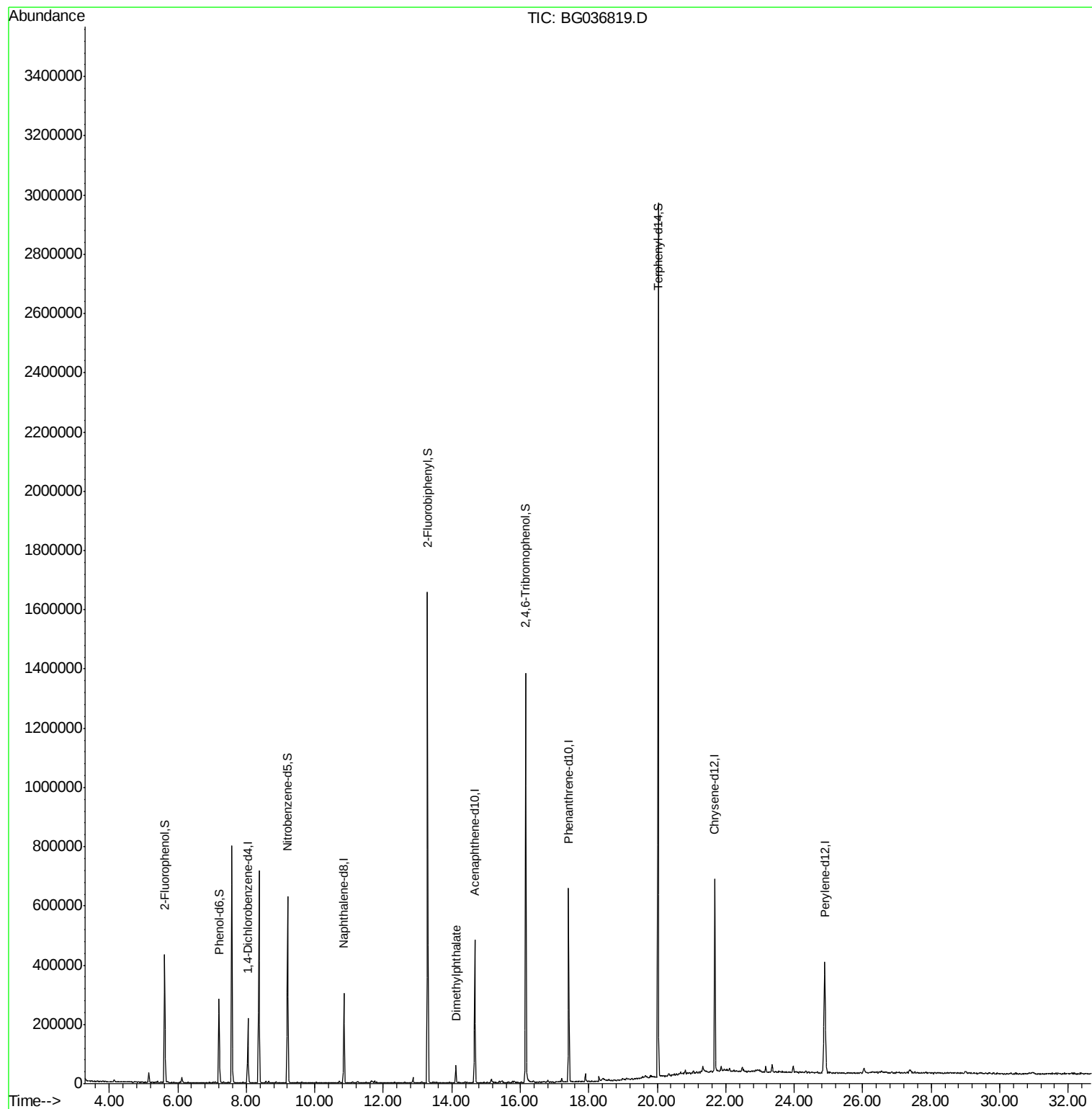
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60776	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	251741	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	168818	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	414118	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	408339	20.00	ng	-0.02
86) Perylene-d12	24.89	264	417690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	187312	48.89	ng	-0.01
7) Phenol-d6	7.20	99	161820	29.50	ng	-0.02
23) Nitrobenzene-d5	9.21	82	389001	83.84	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	262219	130.17	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	871471	73.71	ng	-0.02
78) Terphenyl-d14	20.03	244	1375739	78.75	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	39529	2.868	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.02 min

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ClientSampleId :

GROUNDWATER

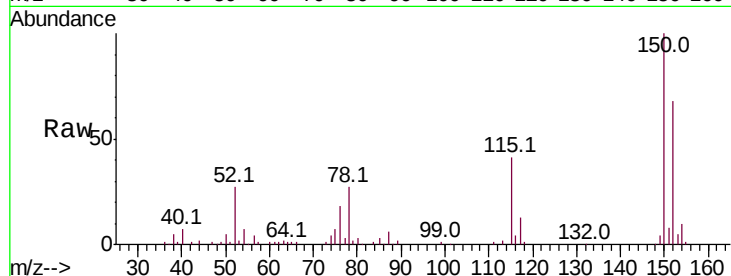
Tot Ion:152 Resp: 60776

Ion Ratio Lower Upper

152 100

150 147.3 119.5 179.3

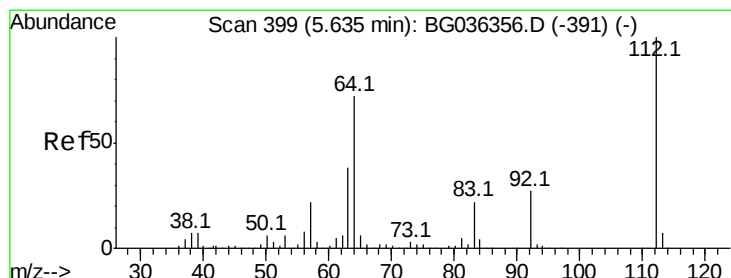
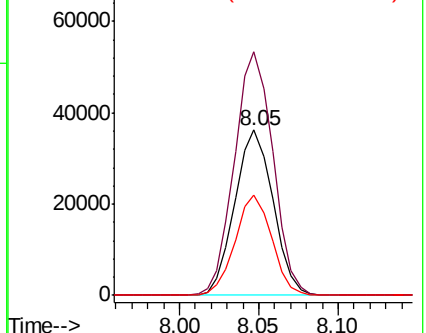
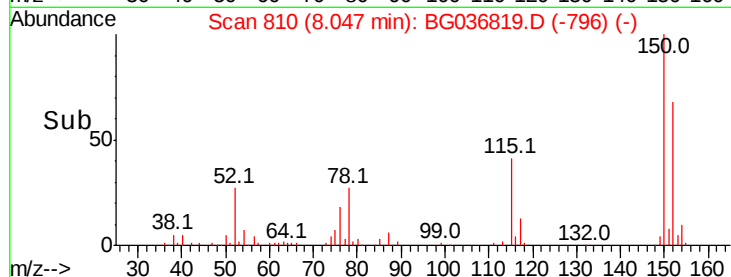
115 60.4 44.5 66.7



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: 48.890 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG036819.D

Acq: 19 Sep 2018 13:20

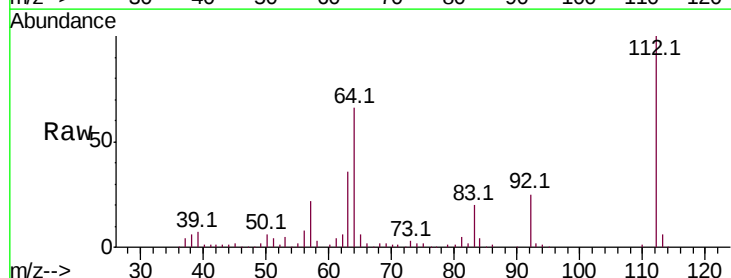
Tgt Ion:112 Resp: 187312

Ion Ratio Lower Upper

112 100

64 65.9 57.2 85.8

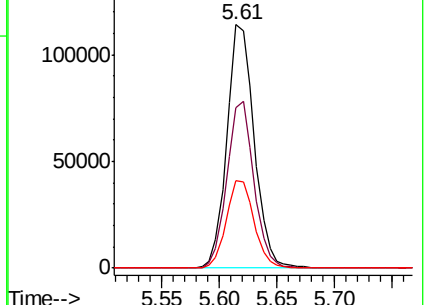
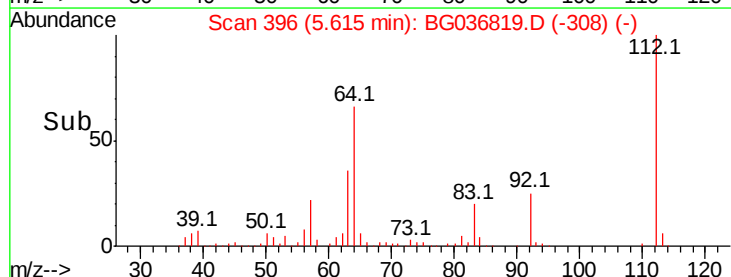
63 35.8 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 29.500 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.02 min

Lab File: BG036819.D

Acq: 19 Sep 2018 13:20

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

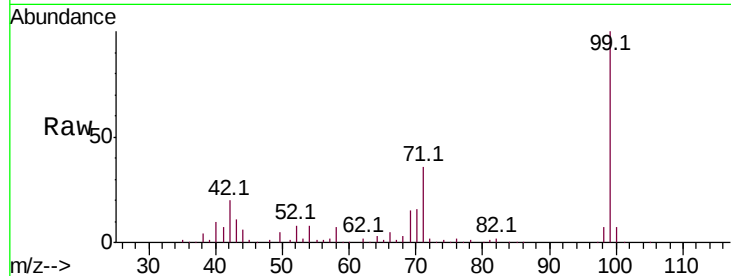
Tot Ion: 99 Resp: 161820

Ion Ratio Lower Upper

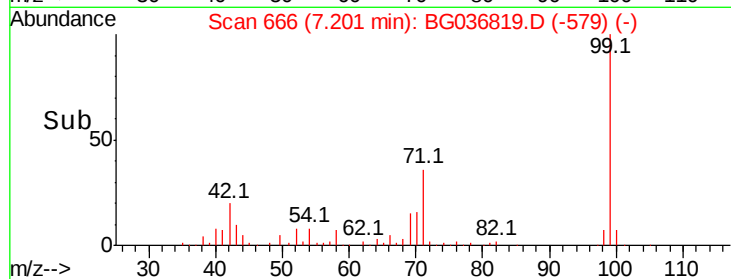
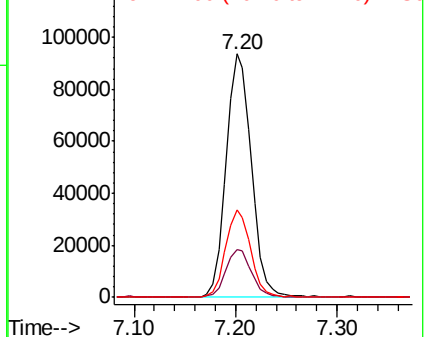
99 100

42 19.8 16.5 24.7

71 35.8 29.4 44.2



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: 10.85 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BG036819.D

Acq: 19 Sep 2018 13:20

Tgt Ion: 136 Resp: 251741

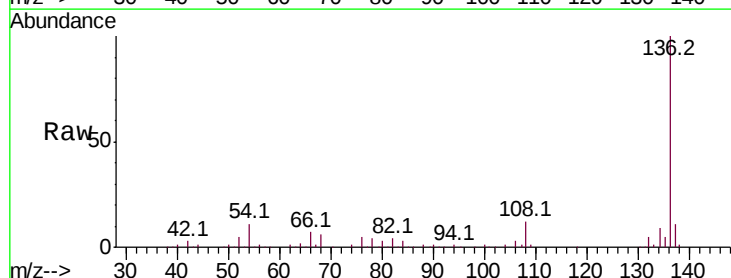
Ion Ratio Lower Upper

136 100

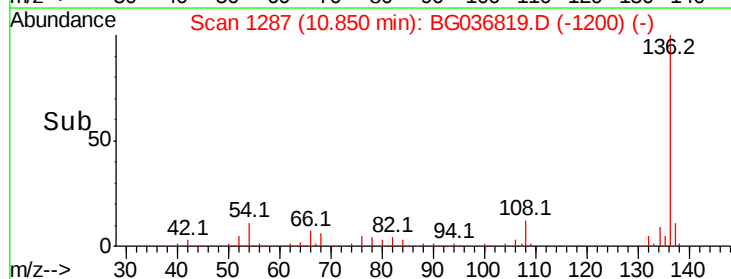
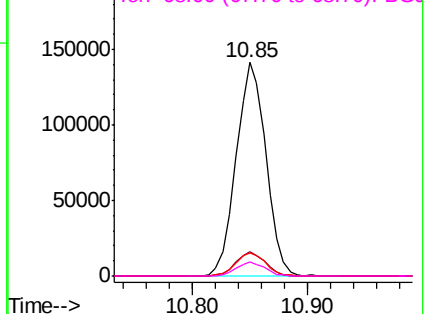
137 11.1 8.8 13.2

54 10.8 9.2 13.8

68 6.4 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

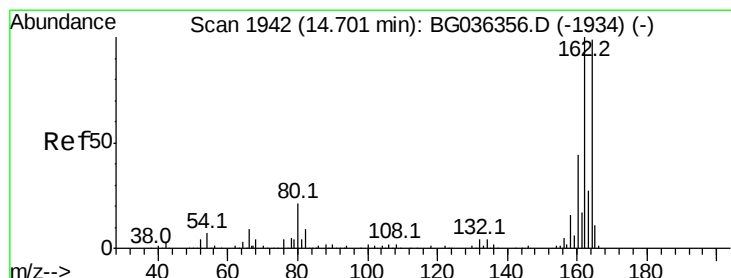
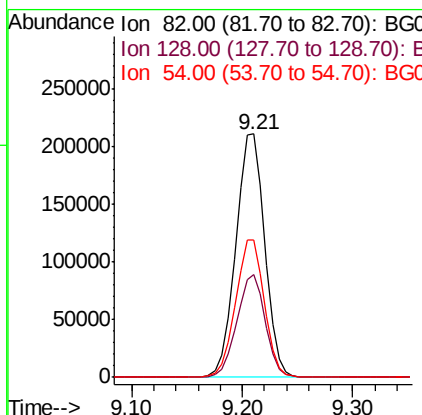
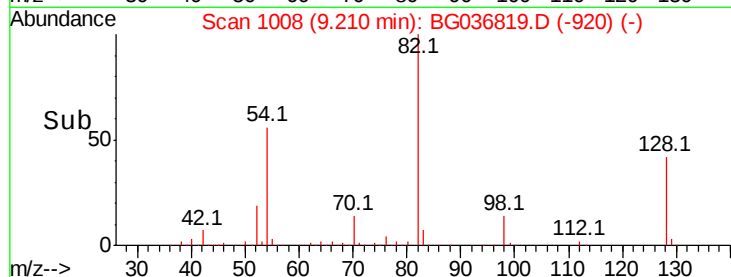
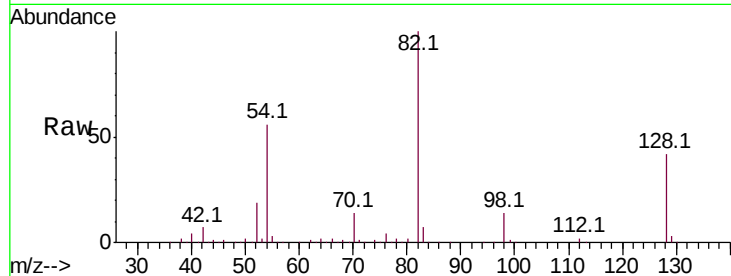




#23
 Nitrobenzene-d5
 Concen: 83.840 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

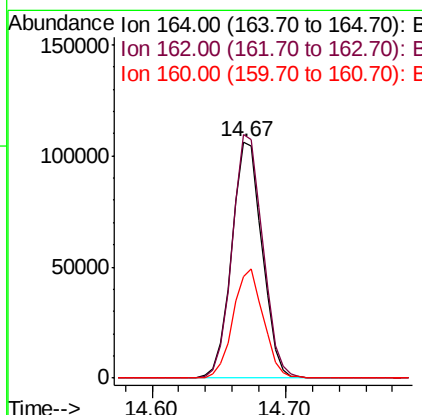
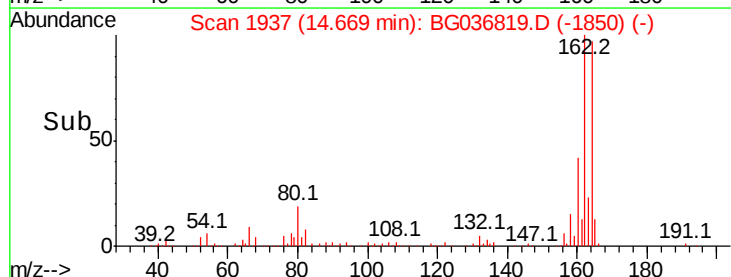
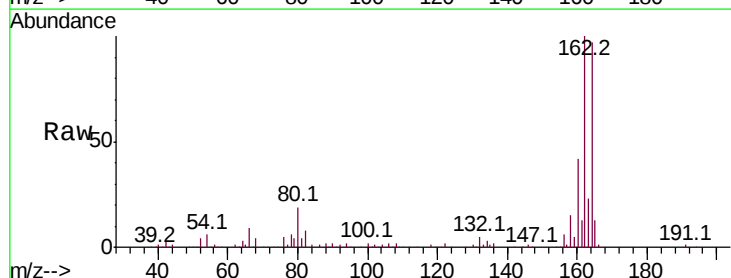
Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

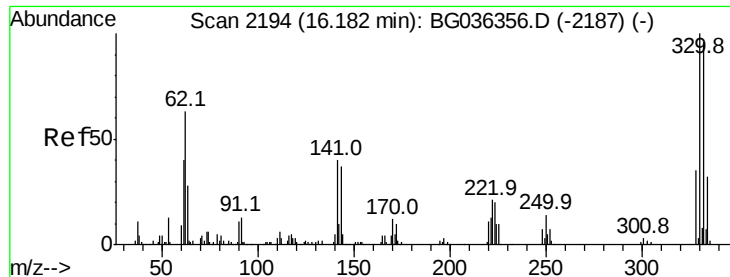
Tot Ion: 82 Resp: 389001
 Ion Ratio Lower Upper
 82 100
 128 42.2 33.3 49.9
 54 56.4 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

Tgt Ion: 164 Resp: 168818
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.7 121.1
 160 43.2 35.3 52.9

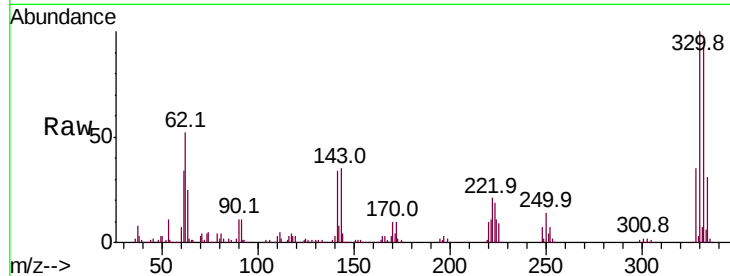




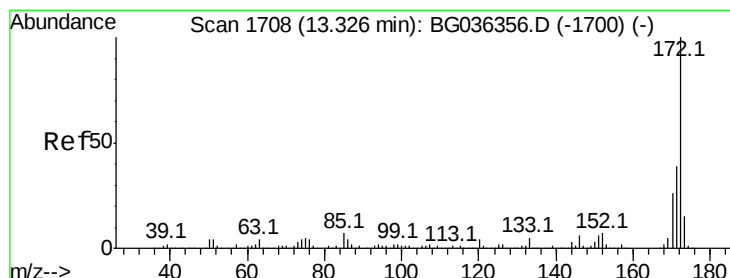
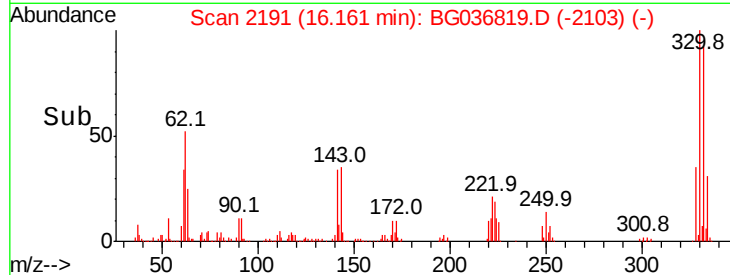
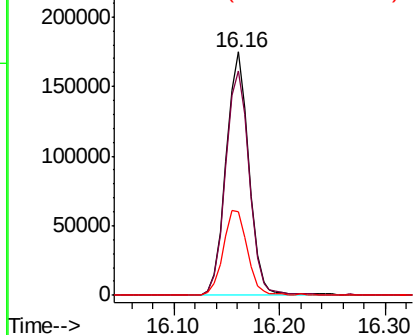
#41
 2,4,6-Tribromophenol
 Concen: 130.174 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	37.1	30.7	46.1

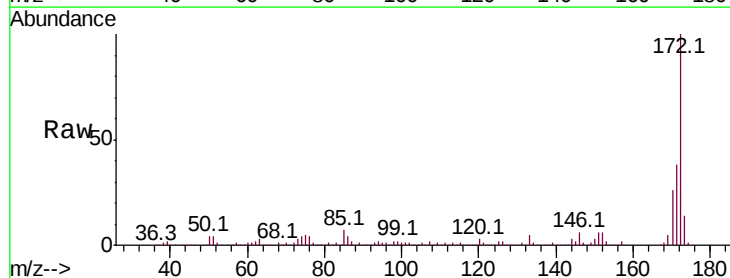


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

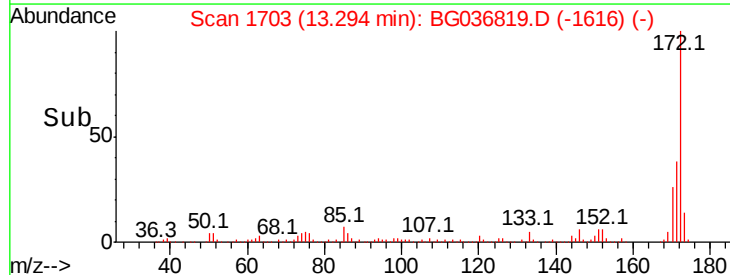
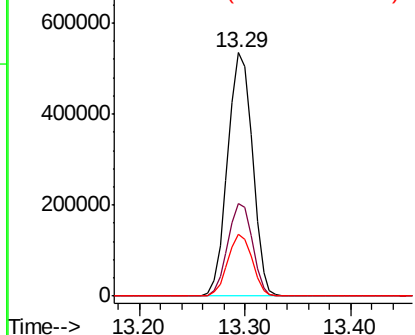


#44
 2-Fluorobiphenyl
 Concen: 73.707 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036819.D
 Acq: 19 Sep 2018 13:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.3	46.9
170	25.6	21.0	31.6



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

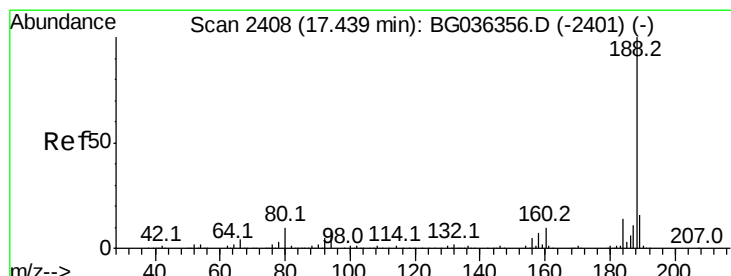
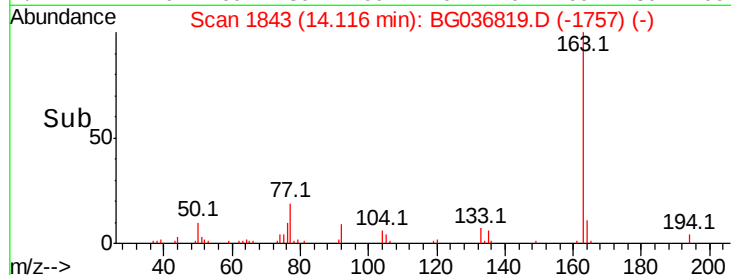
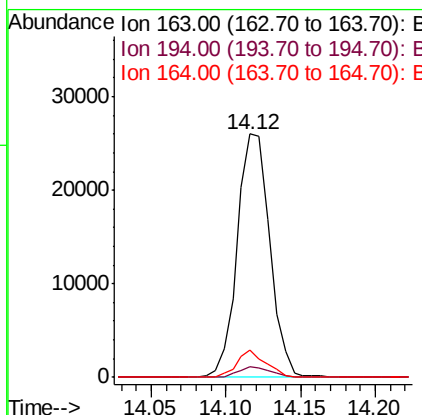
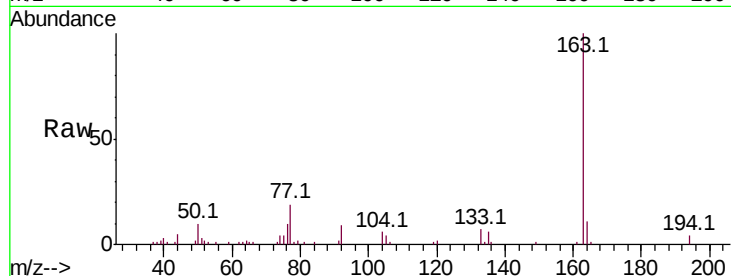




#49
Dimethylphthalate
Concen: 2.868 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG036819.D
Acq: 19 Sep 2018 13:20

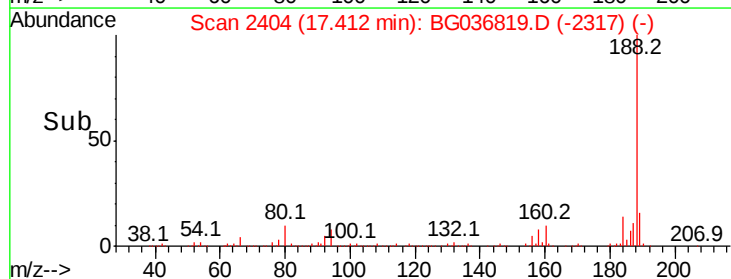
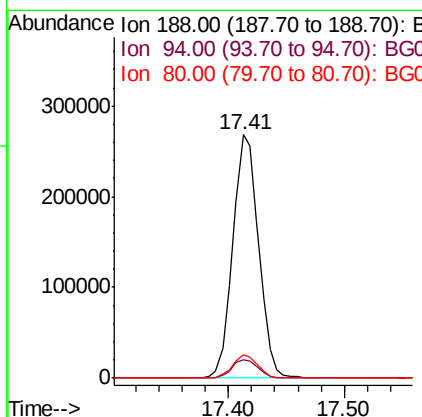
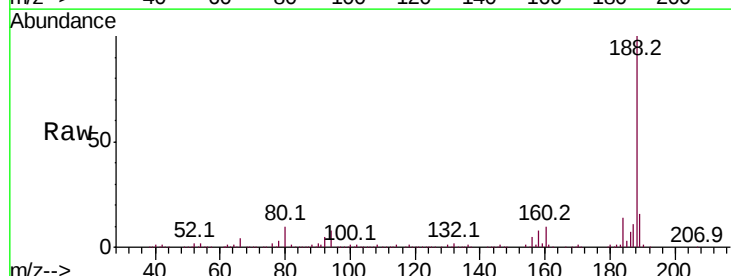
Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

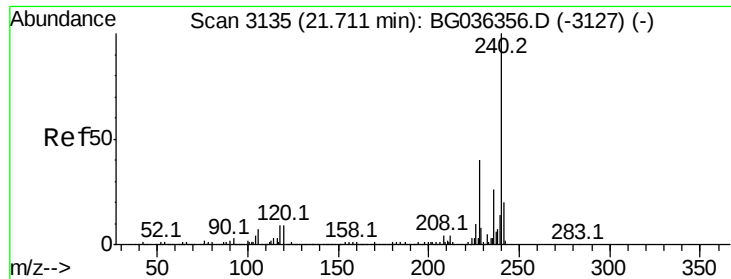
Tot Ion:163 Resp: 39529
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 10.9 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.02 min
Lab File: BG036819.D
Acq: 19 Sep 2018 13:20

Tgt Ion:188 Resp: 414118
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 9.6 8.1 12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.02 min

Lab File: BG036819.D

Acq: 19 Sep 2018 13:20

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

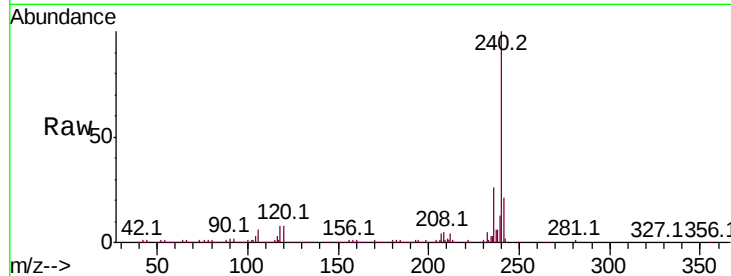
Tot Ion:240 Resp: 408339

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

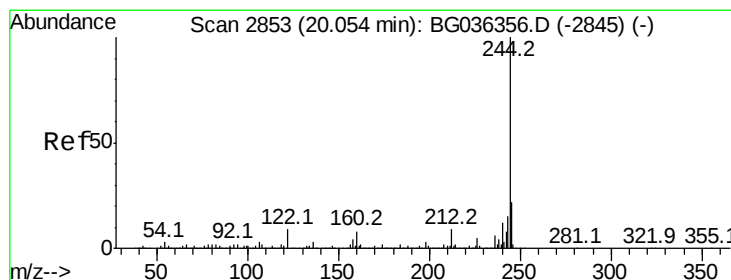
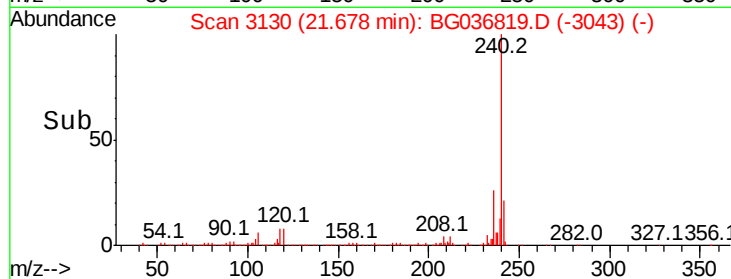
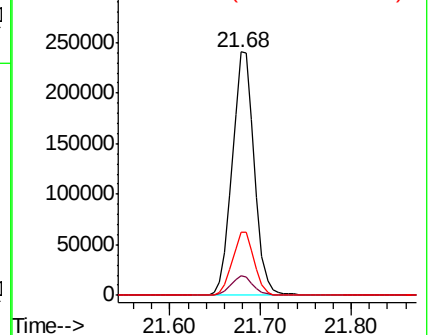
236 26.1 21.2 31.8



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: 78.748 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036819.D

Acq: 19 Sep 2018 13:20

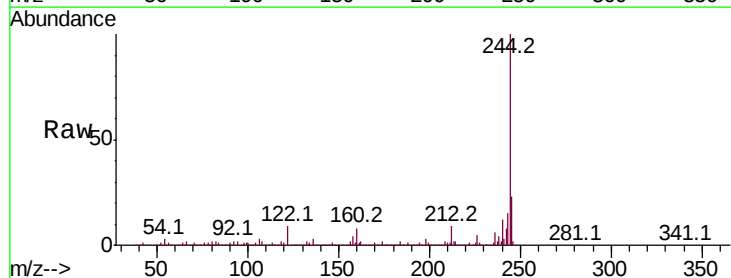
Tgt Ion:244 Resp: 1375739

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

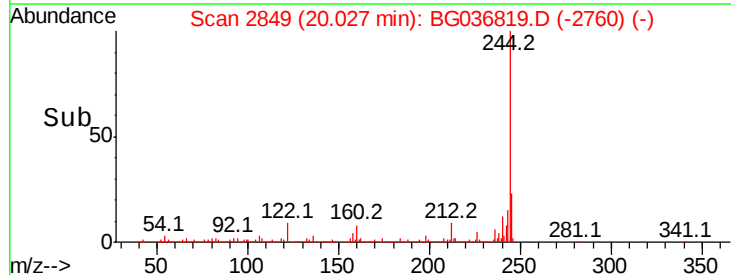
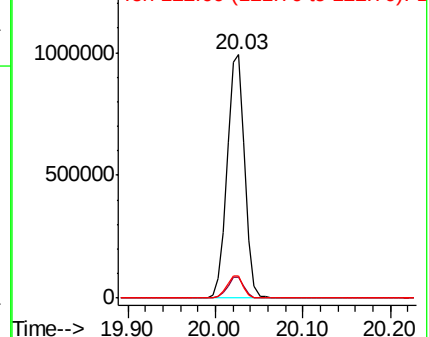
122 8.9 7.1 10.7

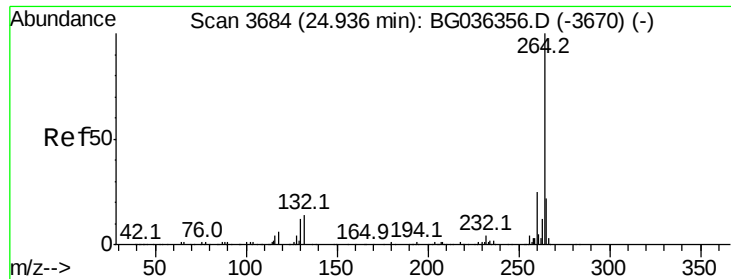


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036819.D
Acq: 19 Sep 2018 13:20

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	20.1	17.4	26.0

