

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036205.D
 Acq On : 8 Aug 2018 19:52
 Operator : JU/SJ
 Sample : J4352-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Quant Time: Aug 09 02:07:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26579	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	96941	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	67305	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	196764	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	220410	20.00	ng	-0.02
86) Perylene-d12	24.83	264	211030	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	65500	40.91	ng	0.00
7) Phenol-d6	7.19	99	55007	23.03	ng	0.00
23) Nitrobenzene-d5	9.17	82	230759	99.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	110836	124.94	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	542483	107.98	ng	-0.02
78) Terphenyl-d14	19.98	244	1009920	101.00	ng	-0.02

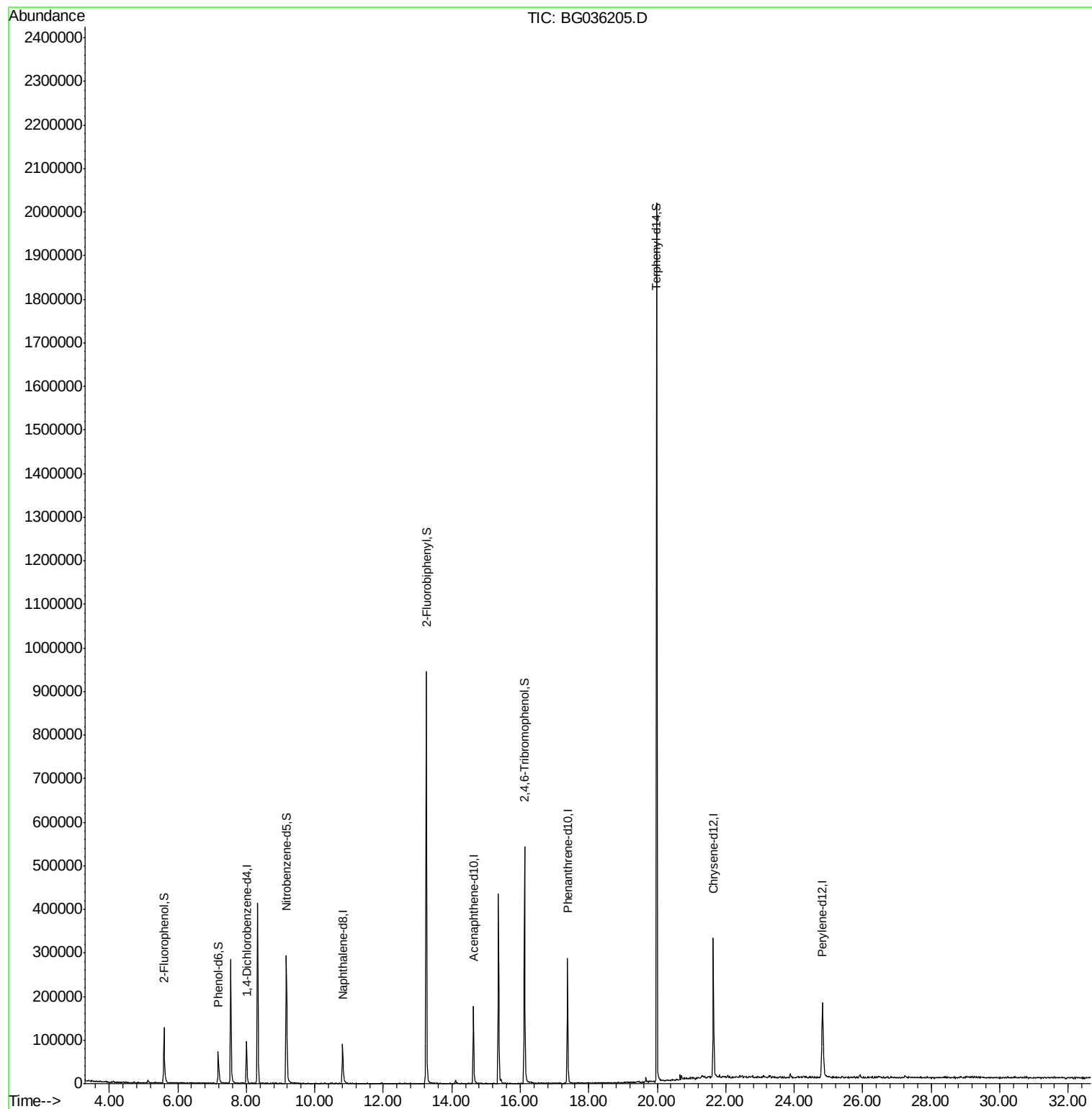
Target Compounds Qvalue

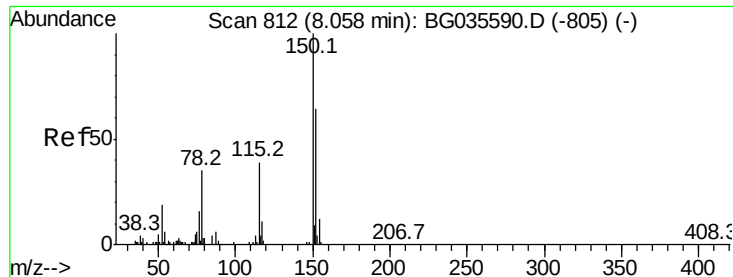
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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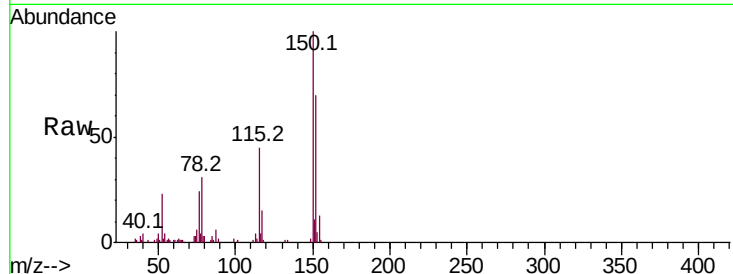


#1

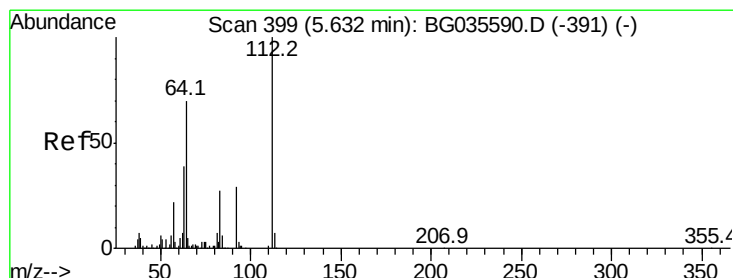
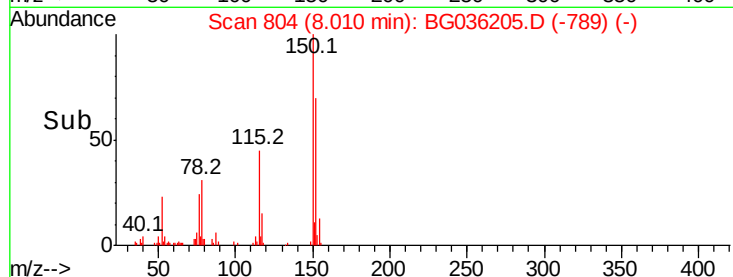
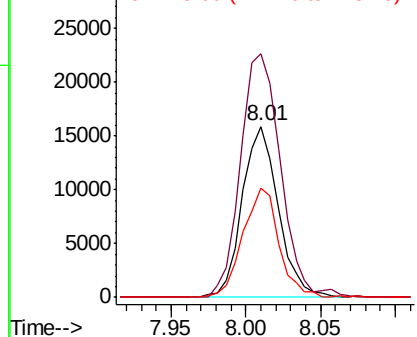
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 804
Delta R.T. -0.01 min
Lab File: BG036205.D
Acq: 8 Aug 2018 19:52

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tot Ion:152 Resp: 26579
Ion Ratio Lower Upper
152 100
150 142.5 126.6 189.8
115 63.8 53.0 79.4



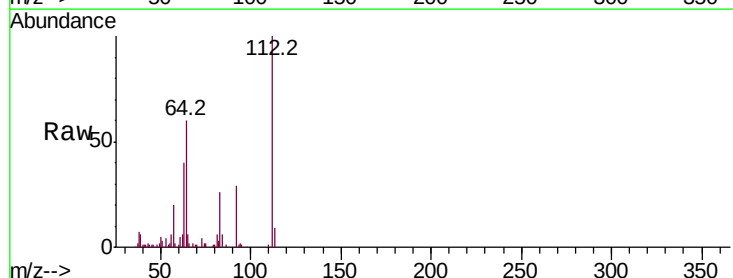
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



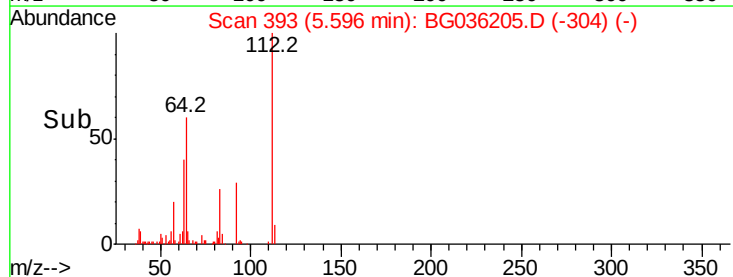
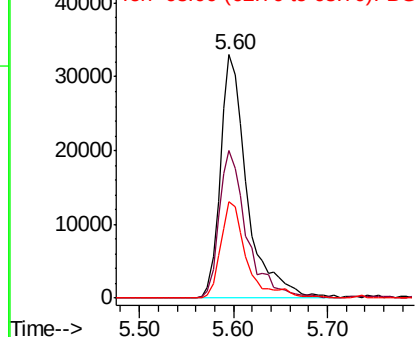
#5

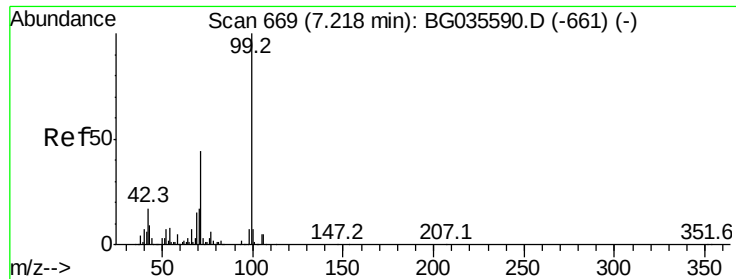
2-Fluorophenol
Concen: 40.914 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036205.D
Acq: 8 Aug 2018 19:52

Tgt Ion:112 Resp: 65500
Ion Ratio Lower Upper
112 100
64 60.4 56.3 84.5
63 39.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 23.029 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036205.D

Acq: 8 Aug 2018 19:52

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

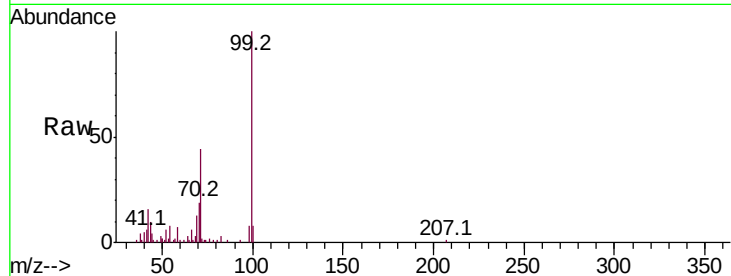
Tot Ion: 99 Resp: 55007

Ion Ratio Lower Upper

99 100

42 15.5 14.1 21.1

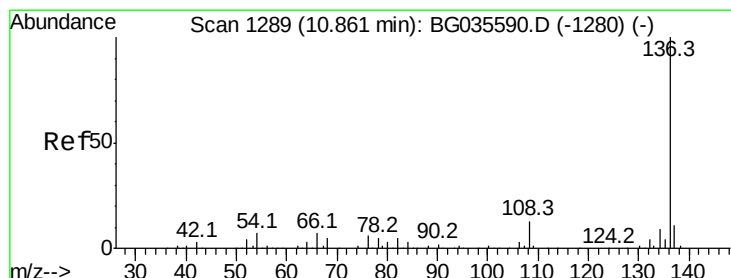
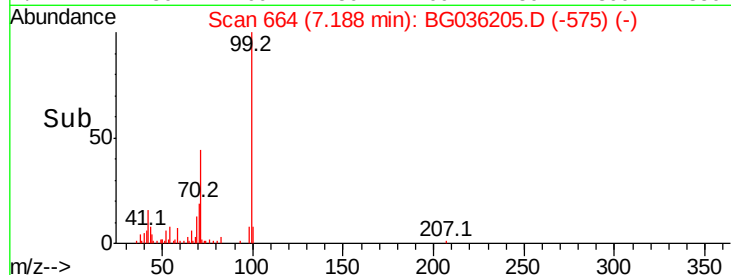
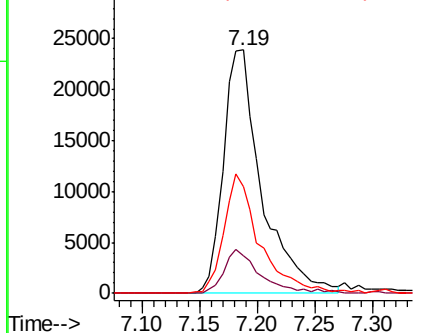
71 44.0 26.1 39.1#



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: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036205.D

Acq: 8 Aug 2018 19:52

Tgt Ion:136 Resp: 96941

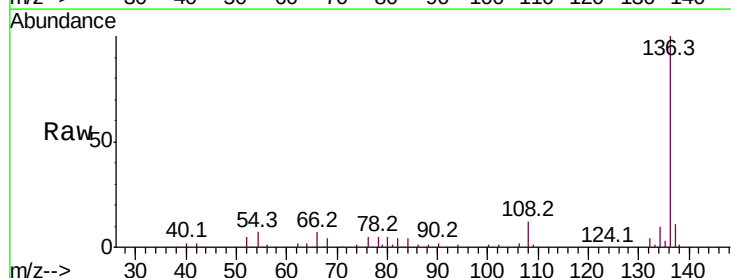
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.4 10.3 15.5#

68 4.3 4.5 6.7#

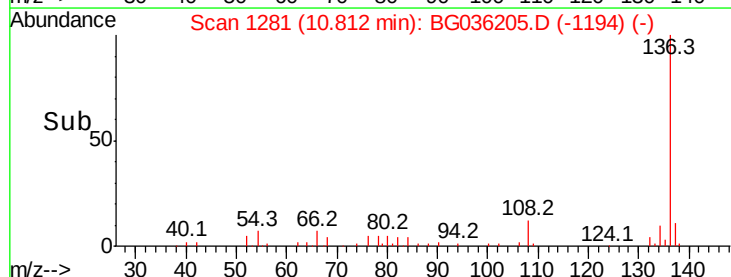
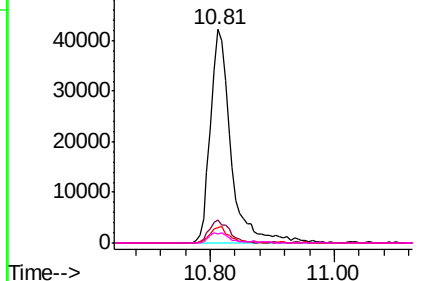


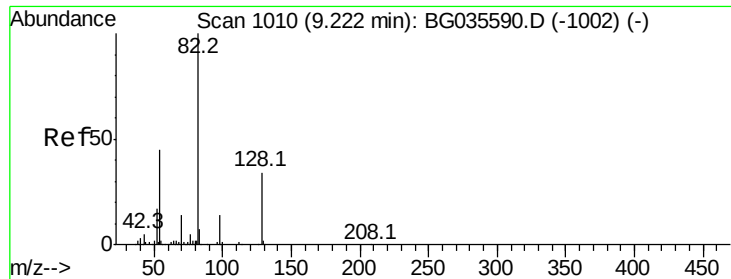
Abundance Ion 136.00 (135.70 to 136.70): E

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

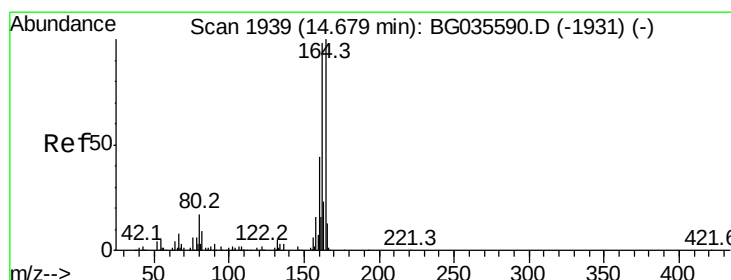
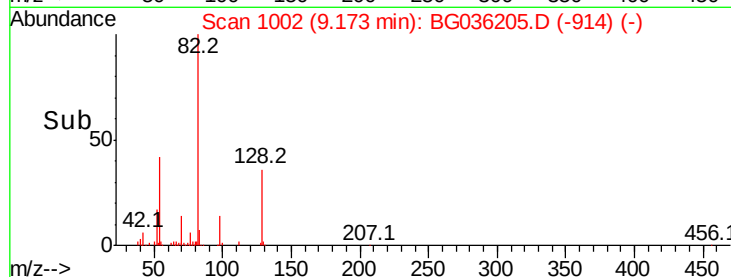
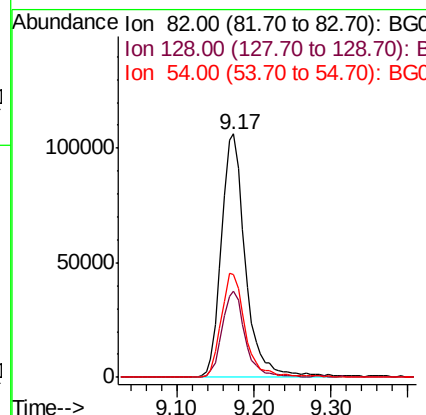
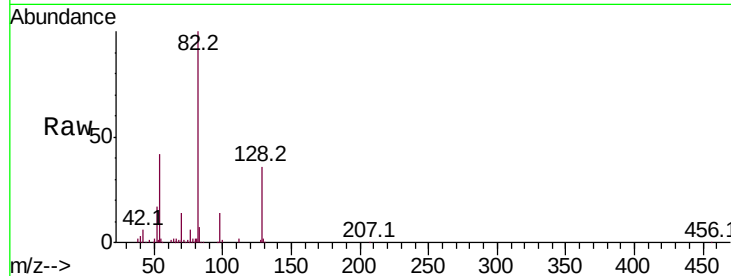




#23
 Nitrobenzene-d5
 Concen: 99.441 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036205.D
 Acq: 8 Aug 2018 19:52

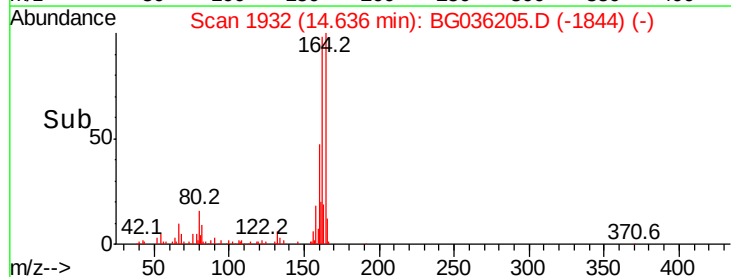
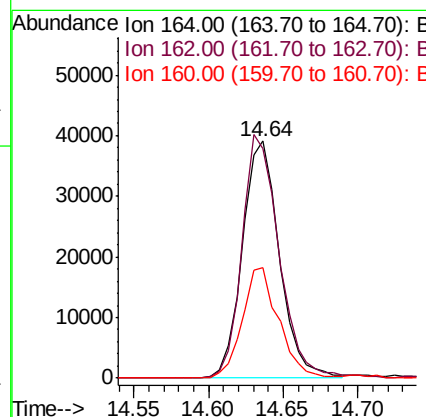
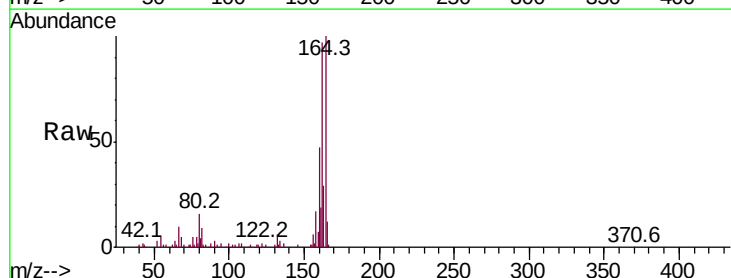
Instrument :
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 GROUNDWATER

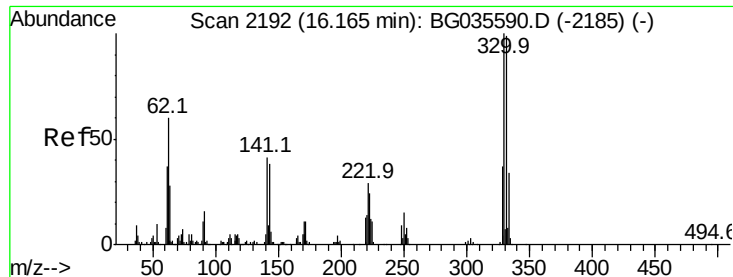
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	42.2	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG036205.D
 Acq: 8 Aug 2018 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.7	78.8	118.2
160	46.7	35.4	53.0

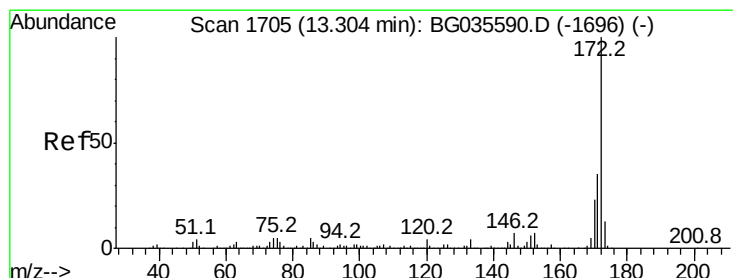
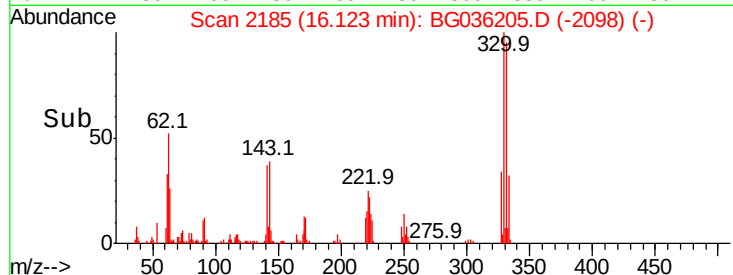
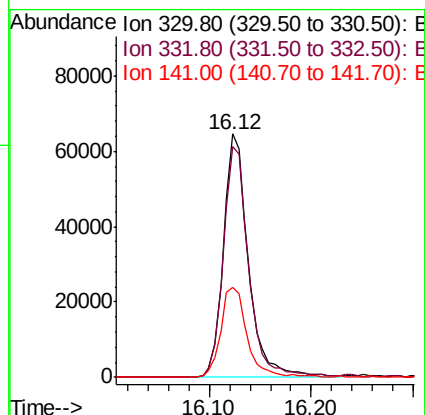
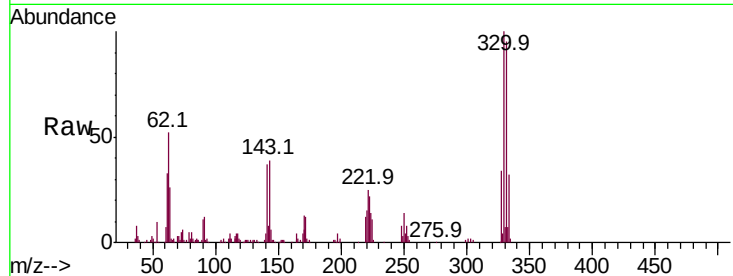




#41
 2,4,6-Tribromophenol
 Concen: 124.939 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036205.D
 Acq: 8 Aug 2018 19:52

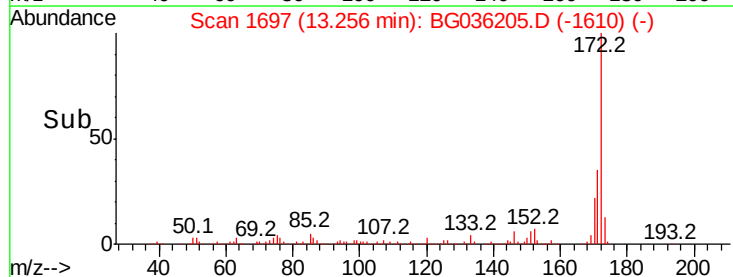
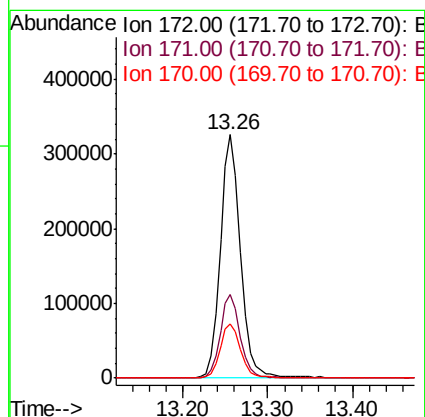
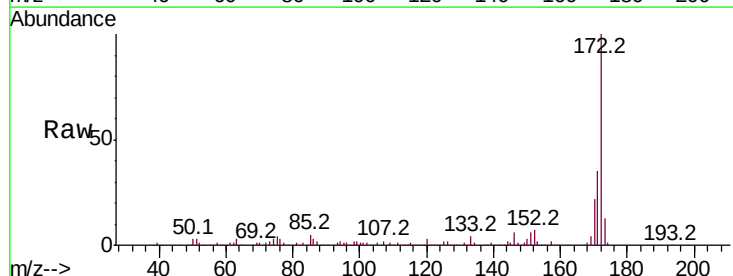
Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

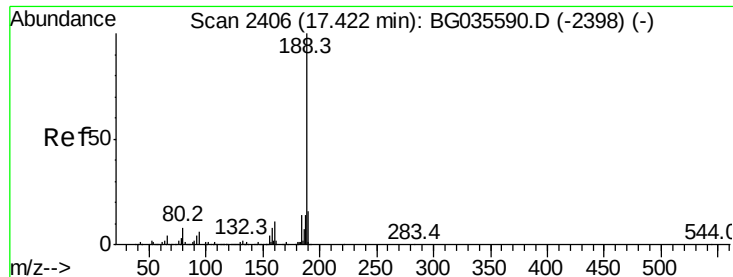
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	39.1	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 107.984 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036205.D
 Acq: 8 Aug 2018 19:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	22.3	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036205.D

Acq: 8 Aug 2018 19:52

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

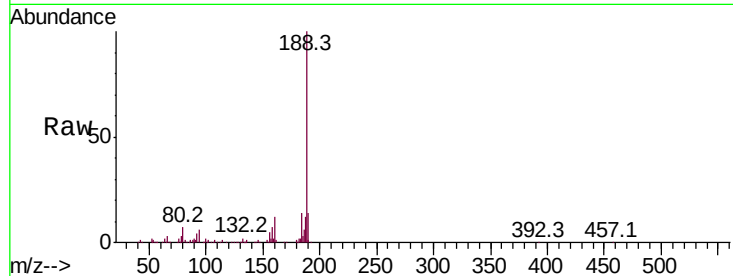
Tot Ion:188 Resp: 196764

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

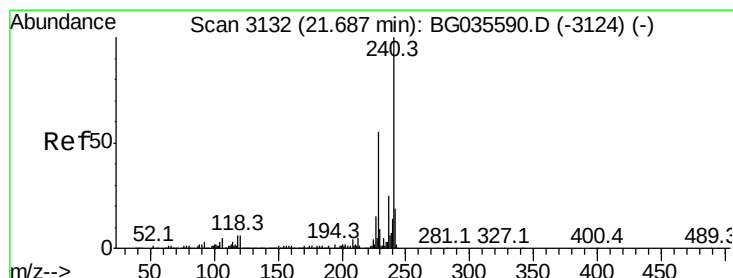
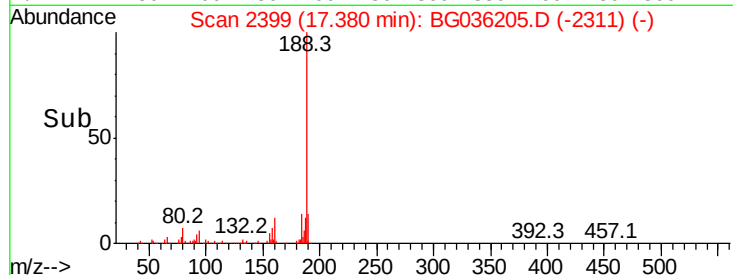
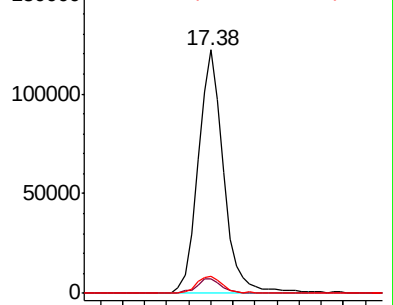
80 7.2 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG035590.D (-2398) (-)

Ion 80.00 (79.70 to 80.70): BG035590.D (-2398) (-)



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036205.D

Acq: 8 Aug 2018 19:52

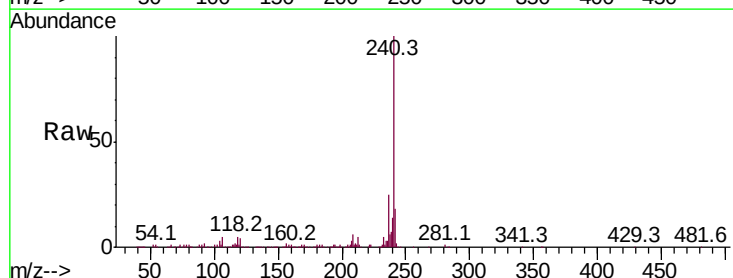
Tgt Ion:240 Resp: 220410

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

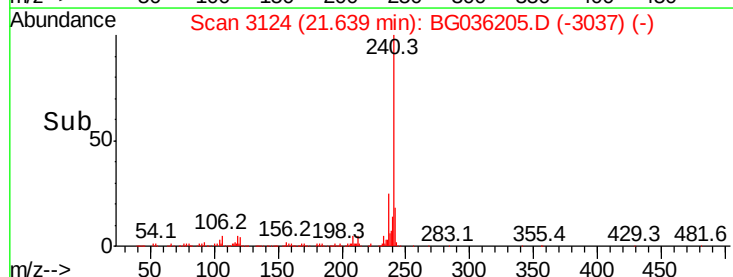
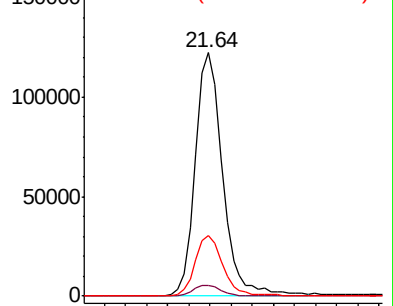
236 25.0 20.9 31.3

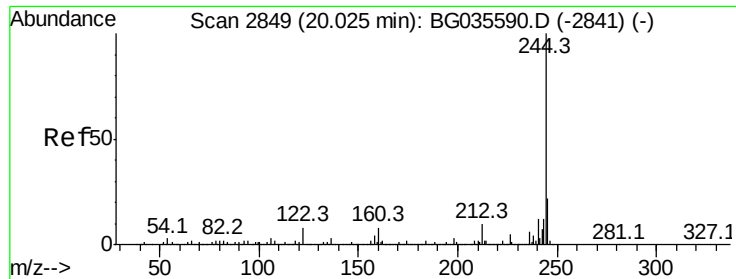


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

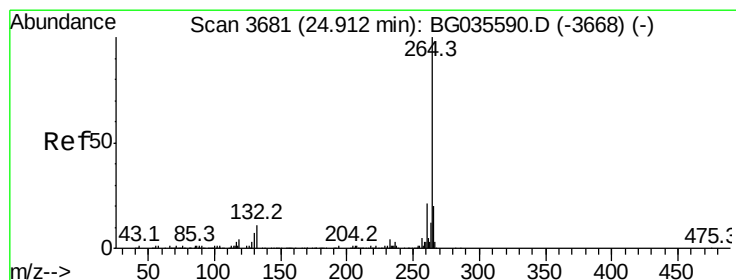
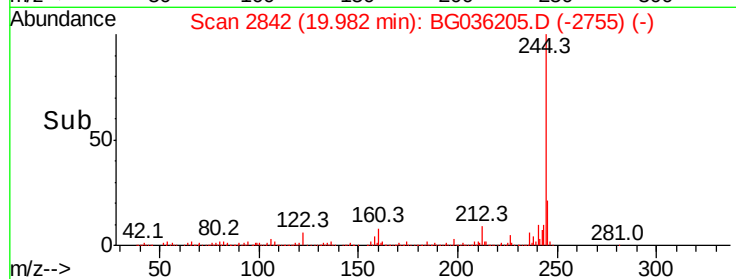
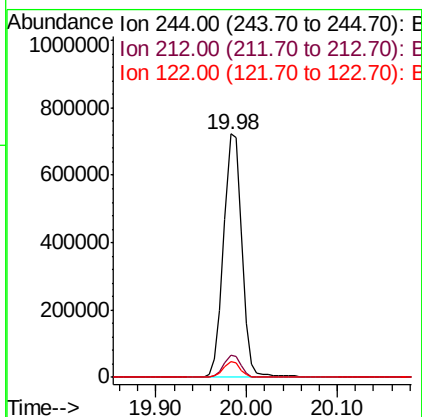
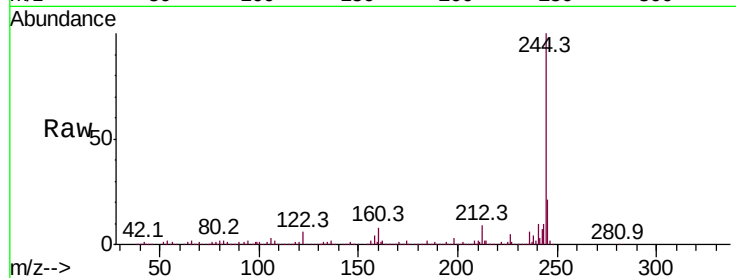




#78
 Terphenyl-d14
 Concen: 101.001 ng
 RT: 19.98 min Scan# 2842
 Delta R.T. -0.02 min
 Lab File: BG036205.D
 Acq: 8 Aug 2018 19:52

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Tot Ion:244 Resp: 1009920
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 6.4 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.83 min Scan# 3667
 Delta R.T. -0.03 min
 Lab File: BG036205.D
 Acq: 8 Aug 2018 19:52

Tgt Ion:264 Resp: 211030
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.4 26.0
 265 20.6 17.7 26.5

