

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029366.D
 Acq On : 19 Oct 2017 15:15
 Operator : SJ/JU
 Sample : I5905-03RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATERRE

Quant Time: Oct 19 17:19:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

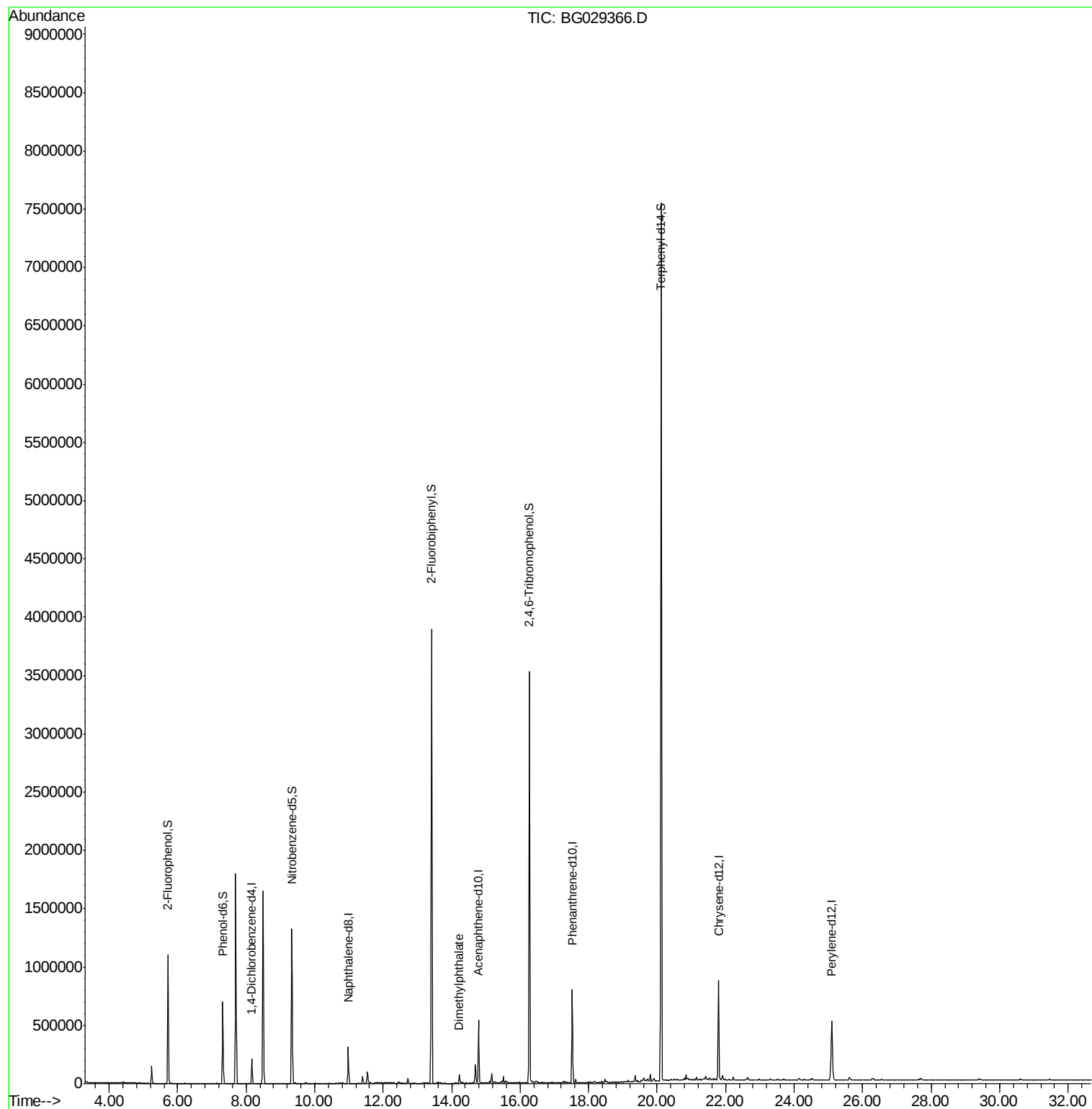
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59453	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	270847	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	184600	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	489120	20.00	ng	0.00
75) Chrysene-d12	21.79	240	546058	20.00	ng	0.00
86) Perylene-d12	25.09	264	558139	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	493332	138.62	ng	0.00
7) Phenol-d6	7.32	99	422871	84.65	ng	0.00
23) Nitrobenzene-d5	9.34	82	809842	190.01	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	740857	310.84	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2027291	161.07	ng	0.00
78) Terphenyl-d14	20.12	244	3274298	136.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.23	163	51169	3.553	ng	Qvalue 98

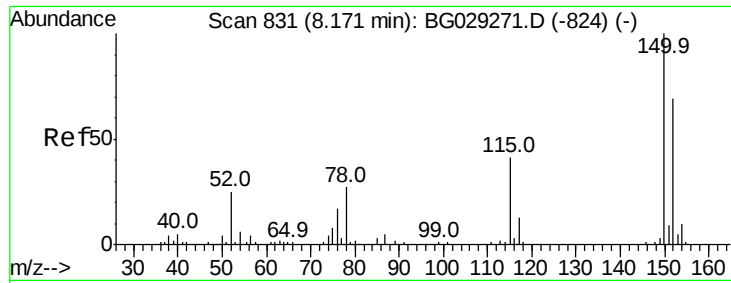
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029366.D
Acq On : 19 Oct 2017 15:15
Operator : SJ/JU
Sample : I5905-03RE
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GROUNDWATERRE

Quant Time: Oct 19 17:19:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration



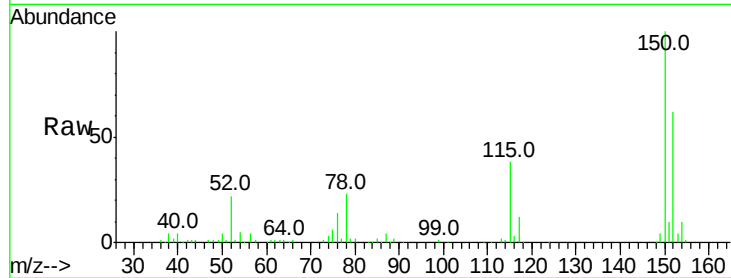


#1

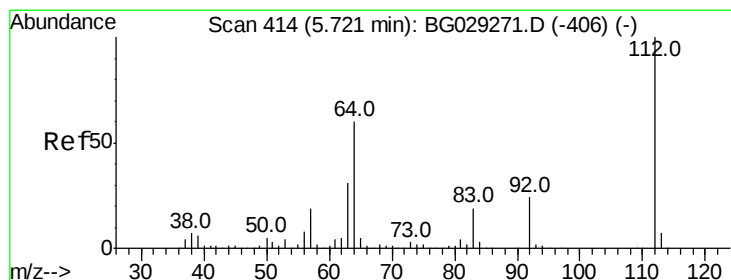
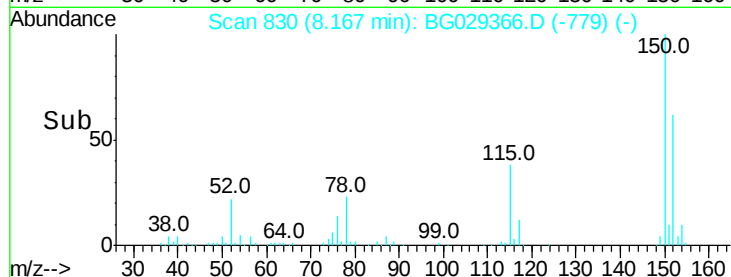
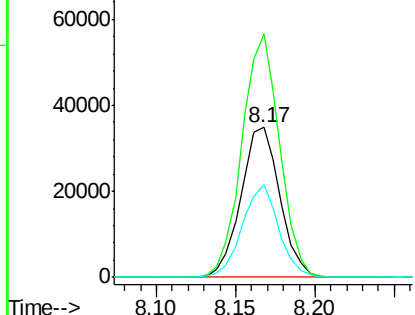
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029366.D
Acq: 19 Oct 2017 15:15

Instrument :
BNA_G
ClientSampleId :
GROUNDWATERRE

Tot Ion:152 Resp: 59453
Ion Ratio Lower Upper
152 100
150 162.4 126.6 189.8
115 62.1 53.0 79.4



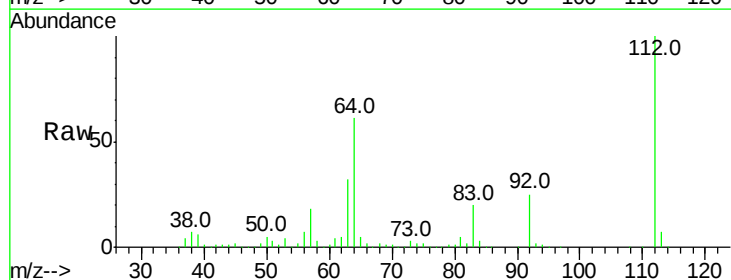
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



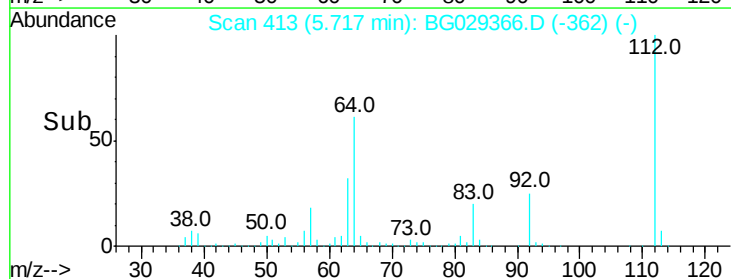
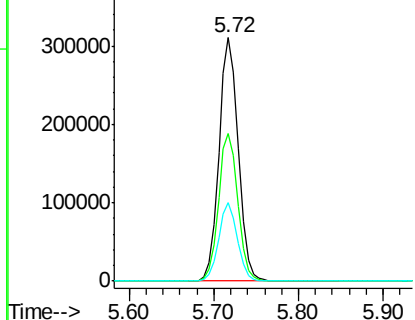
#5

2-Fluorophenol
Concen: 138.620 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029366.D
Acq: 19 Oct 2017 15:15

Tgt Ion:112 Resp: 493332
Ion Ratio Lower Upper
112 100
64 60.5 56.3 84.5
63 32.1 30.1 45.1



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: 84.651 ng

RT: 7.32 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029366.D

Acq: 19 Oct 2017 15:15

Instrument :

BNA_G

ClientSampleId :

GROUNDWATERRE

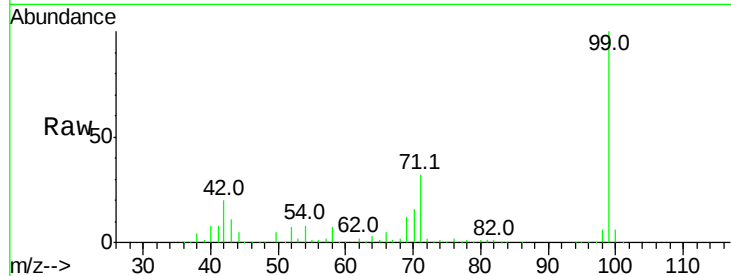
Tot Ion: 99 Resp: 422871

Ion Ratio Lower Upper

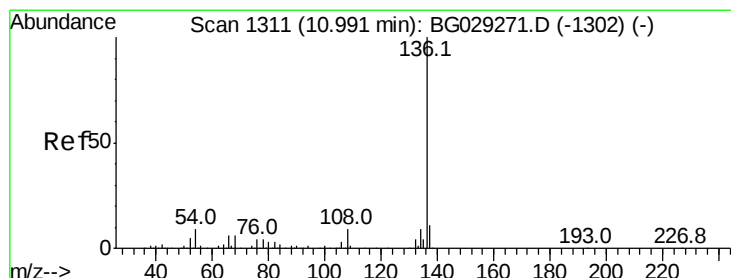
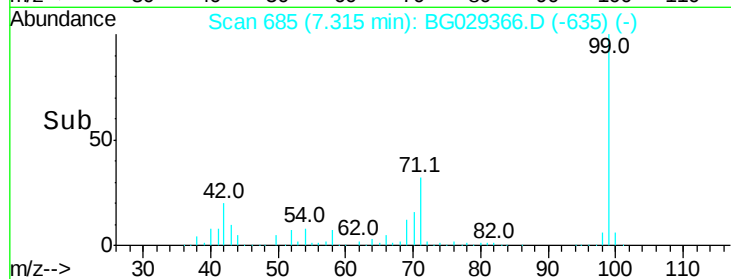
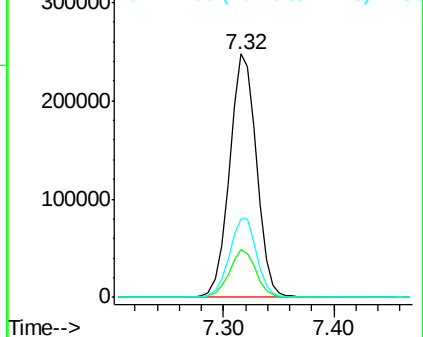
99 100

42 19.5 14.1 21.1

71 32.1 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029366.D

Acq: 19 Oct 2017 15:15

Tgt Ion: 136 Resp: 270847

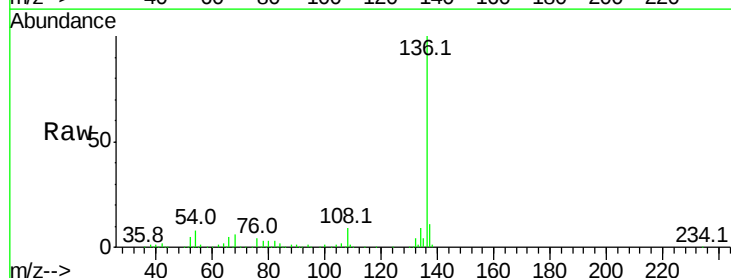
Ion Ratio Lower Upper

136 100

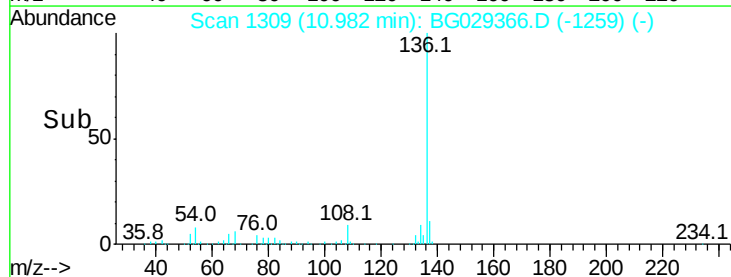
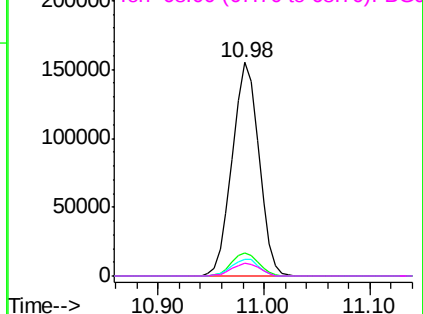
137 10.8 9.2 13.8

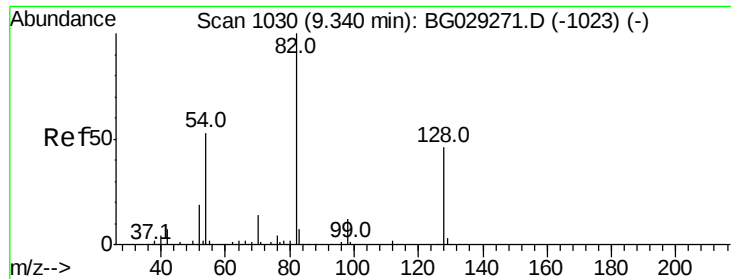
54 7.8 10.3 15.5#

68 6.0 4.5 6.7



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

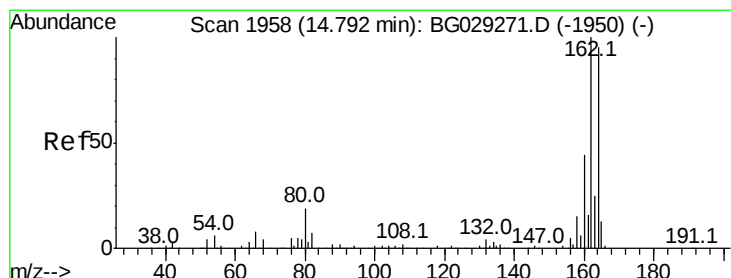
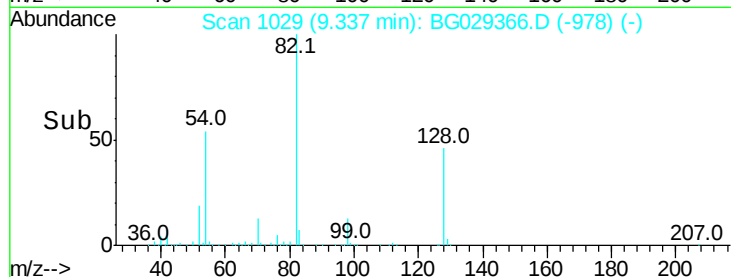
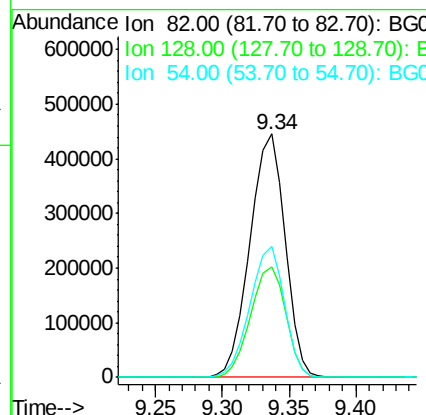
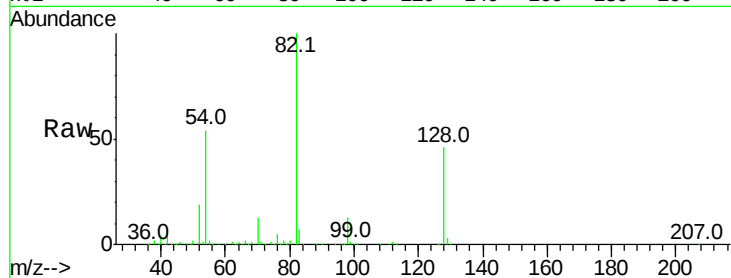




#23
 Nitrobenzene-d5
 Concen: 190.008 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG029366.D
 Acq: 19 Oct 2017 15:15

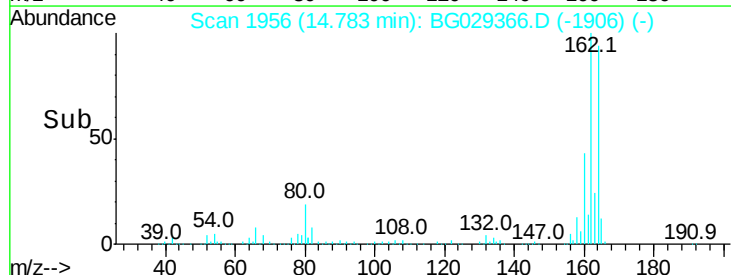
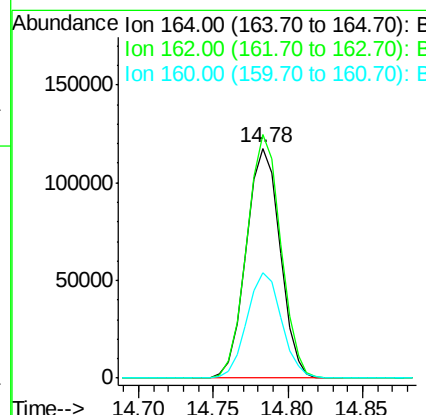
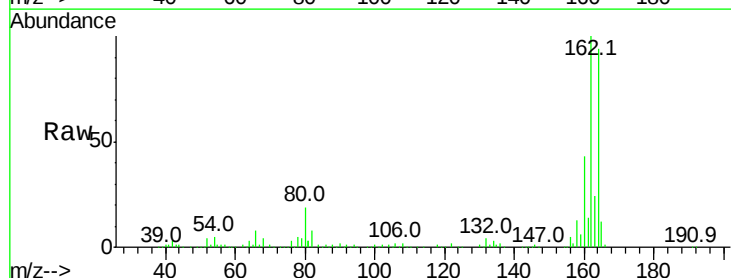
Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATERRE

Tot Ion: 82 Resp: 809842
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 53.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029366.D
 Acq: 19 Oct 2017 15:15

Tgt Ion: 164 Resp: 184600
 Ion Ratio Lower Upper
 164 100
 162 106.0 78.8 118.2
 160 45.9 35.4 53.0

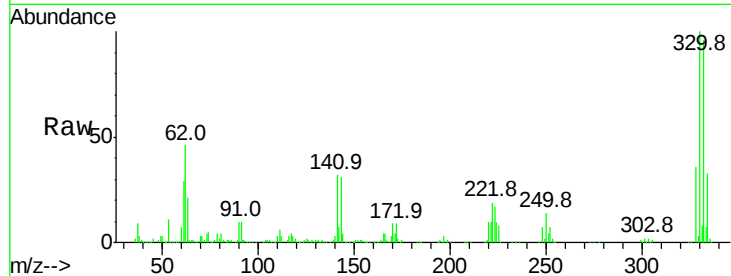




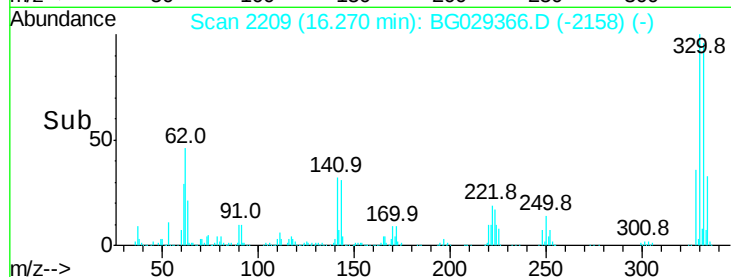
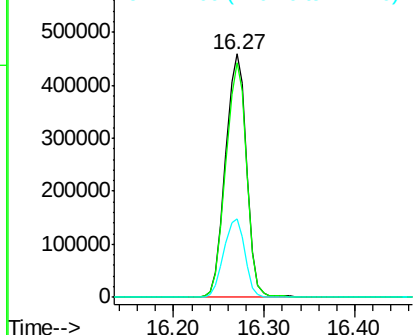
#41
 2,4,6-Tribromophenol
 Concen: 310.844 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029366.D
 Acq: 19 Oct 2017 15:15

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATERRE

Tot Ion:330 Resp: 740857
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.8 25.2 37.8

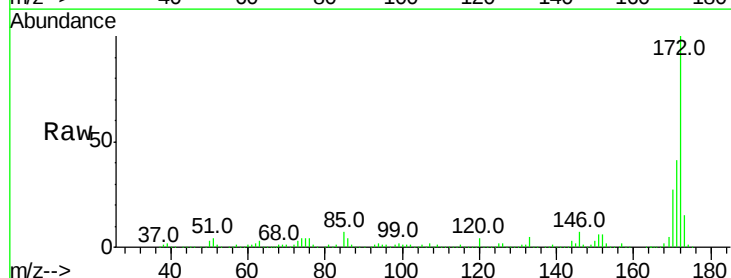


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

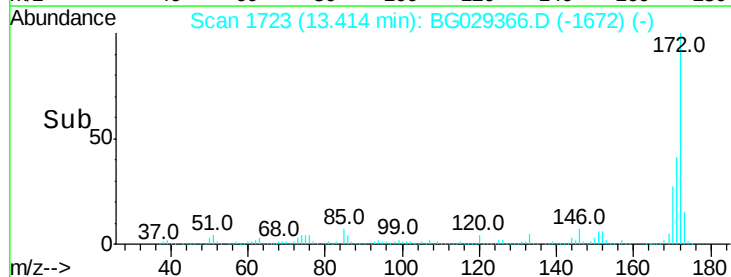
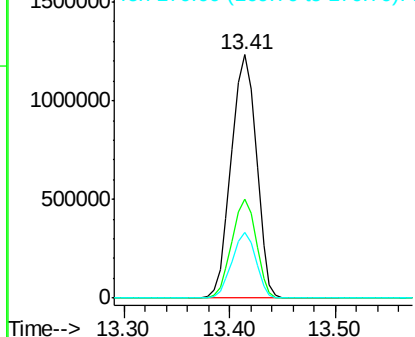


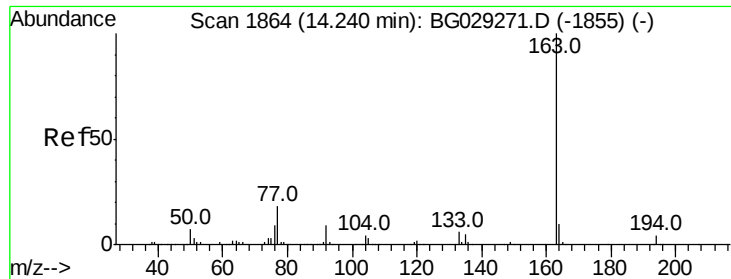
#44
 2-Fluorobiphenyl
 Concen: 161.069 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029366.D
 Acq: 19 Oct 2017 15:15

Tgt Ion:172 Resp: 2027291
 Ion Ratio Lower Upper
 172 100
 171 40.8 30.0 45.0
 170 27.1 19.5 29.3



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: 3.553 ng

RT: 14.23 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG029366.D

Acq: 19 Oct 2017 15:15

Instrument :

BNA_G

ClientSampleId :

GROUNDWATERRE

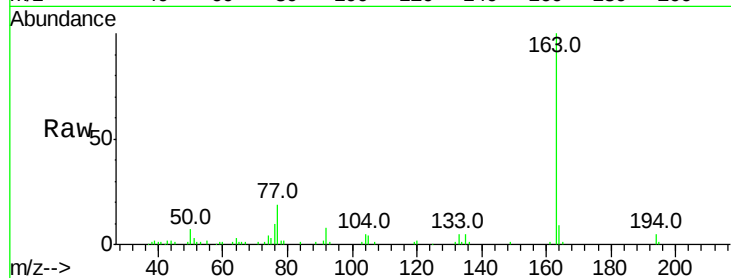
Tot Ion:163 Resp: 51169

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

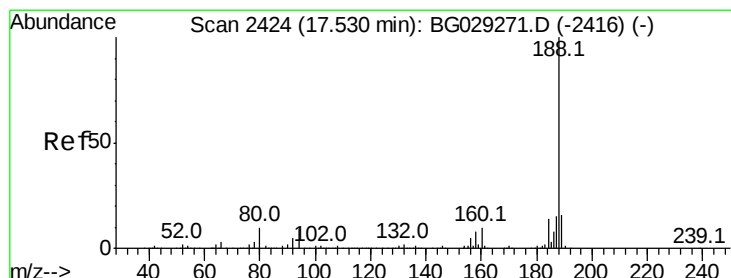
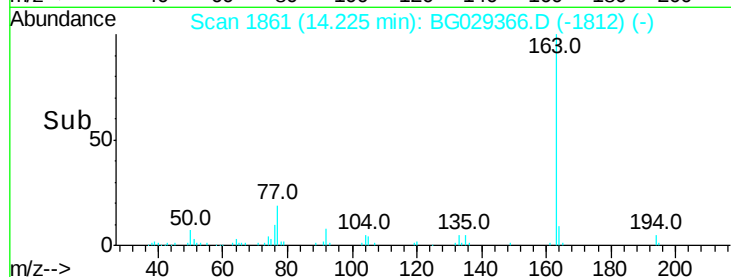
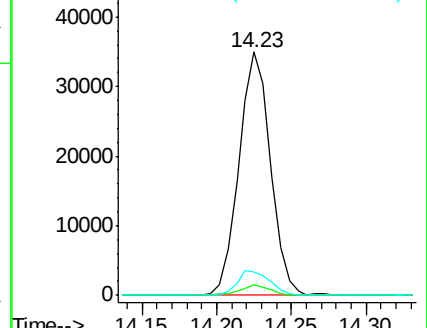
164 9.4 8.2 12.4



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: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG029366.D

Acq: 19 Oct 2017 15:15

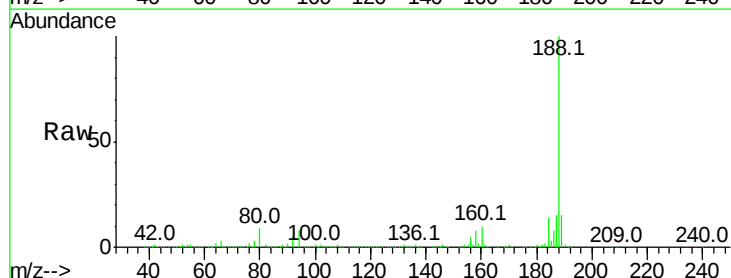
Tgt Ion:188 Resp: 489120

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

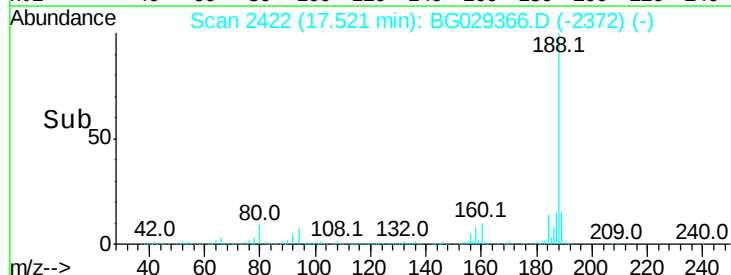
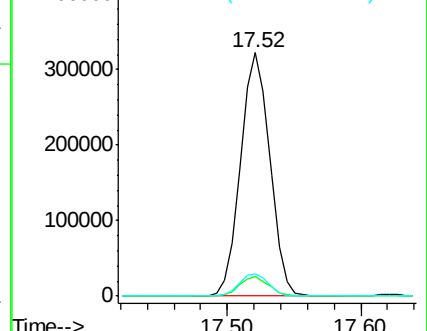
80 9.2 7.7 11.5

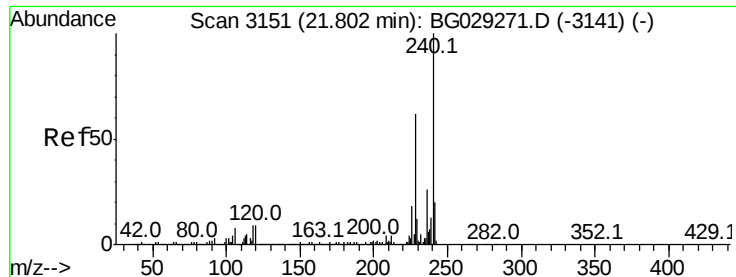


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029366.D

Acq: 19 Oct 2017 15:15

Instrument :

BNA_G

ClientSampleId :

GROUNDWATERRE

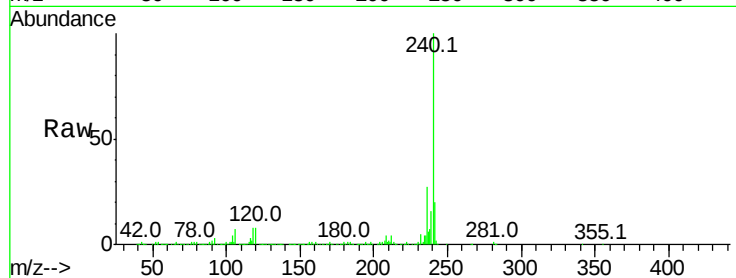
Tot Ion:240 Resp: 546058

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

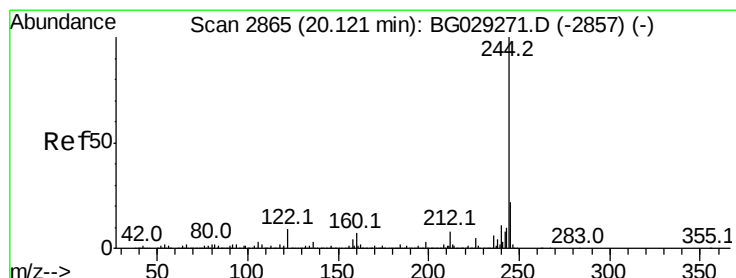
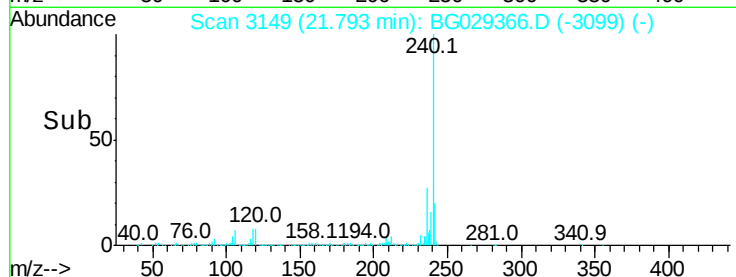
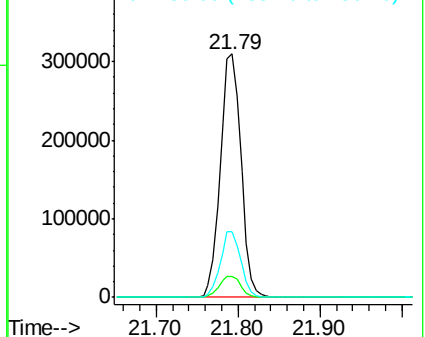
236 27.0 20.9 31.3



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: 136.410 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG029366.D

Acq: 19 Oct 2017 15:15

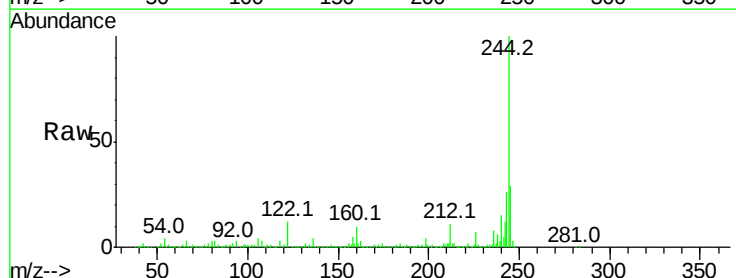
Tgt Ion:244 Resp: 3274298

Ion Ratio Lower Upper

244 100

212 10.8 5.8 8.8#

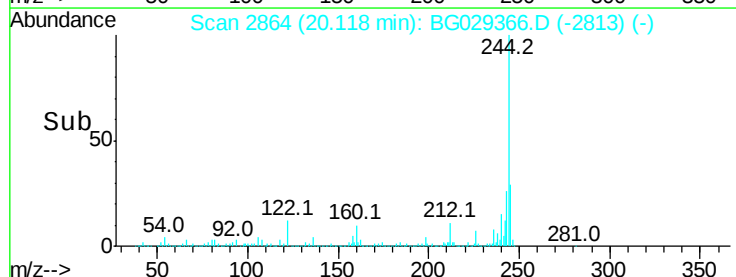
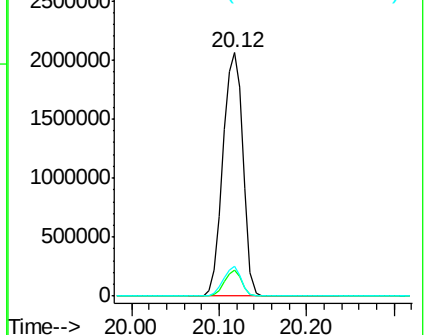
122 12.1 7.0 10.4#

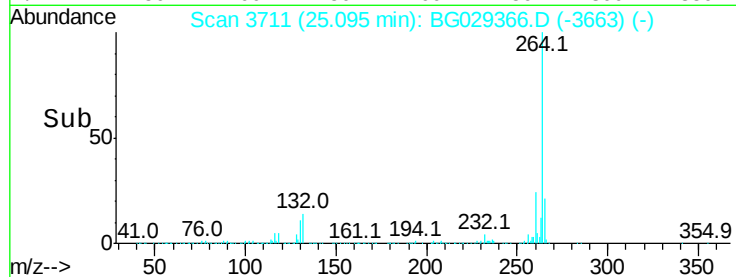
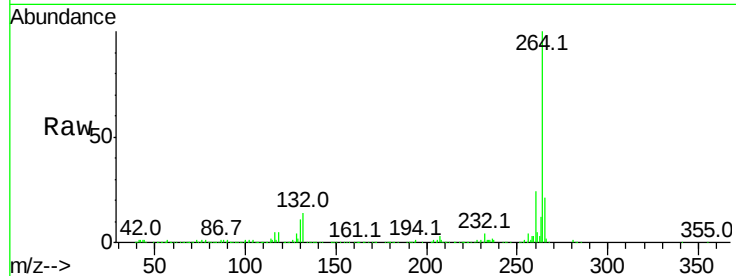
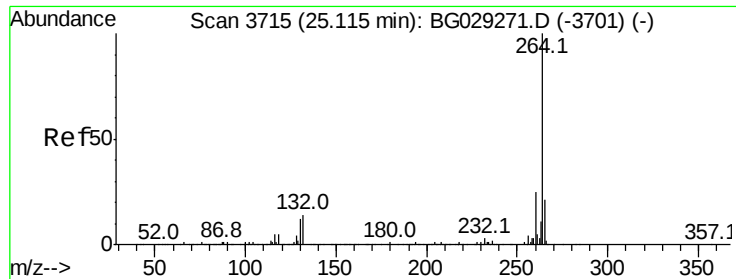


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG029366.D
Acq: 19 Oct 2017 15:15

Instrument :
BNA_G
ClientSampleId :
GROUNDWATERRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.7	17.7	26.5

