

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033606.D
 Acq On : 5 Apr 2018 23:34
 Operator : SJ/JU
 Sample : J2197-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-WATER

Quant Time: Apr 06 03:58:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

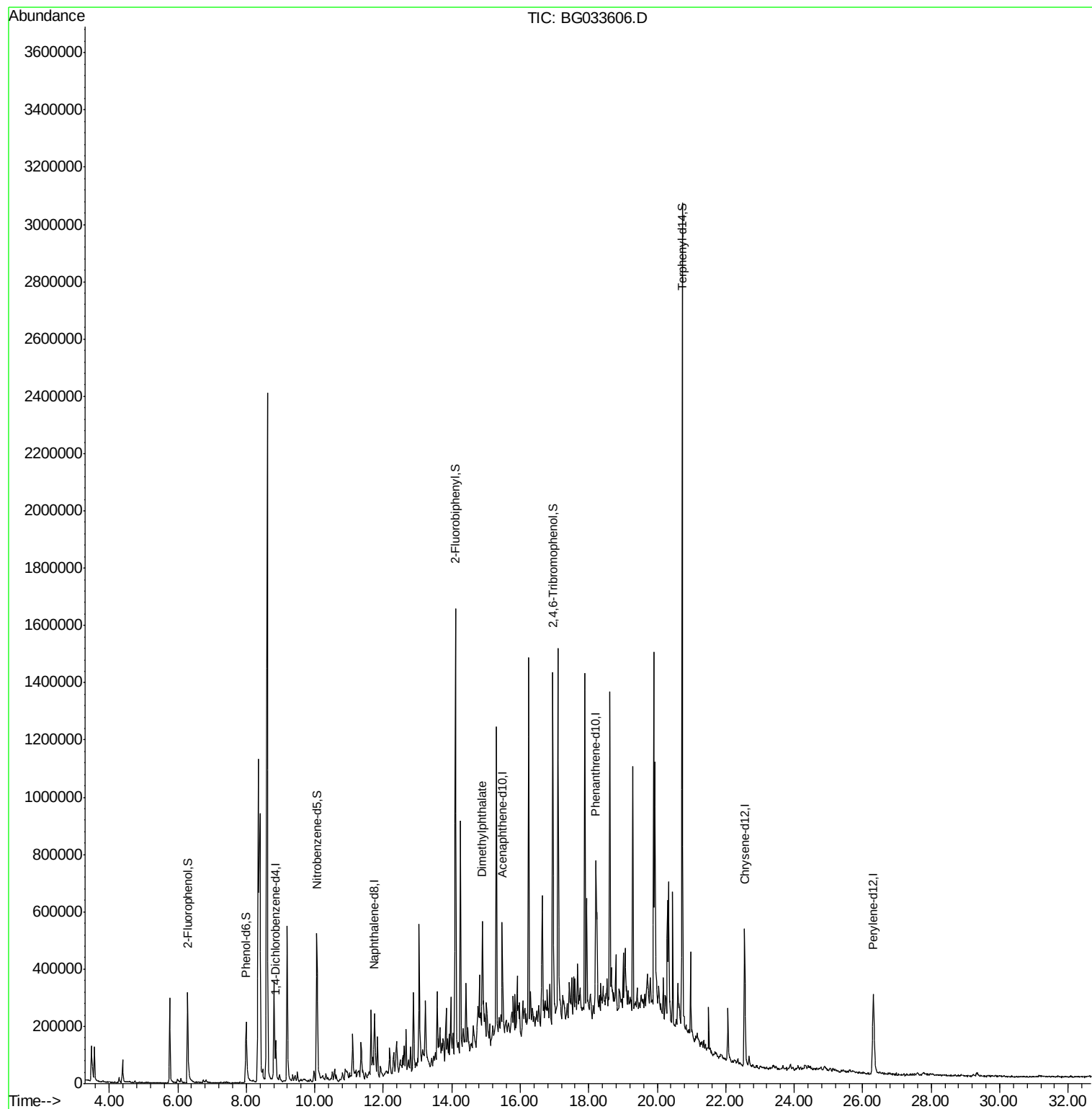
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	41071	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	184382	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	142998	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	339058	20.00	ng	0.00
75) Chrysene-d12	22.55	240	361597	20.00	ng	0.00
86) Perylene-d12	26.31	264	381008	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	168328	76.85	ng	0.00
7) Phenol-d6	7.99	99	172677	45.88	ng	0.02
23) Nitrobenzene-d5	10.06	82	360283	89.77	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	252347	117.99	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	850023	85.81	ng	0.00
78) Terphenyl-d14	20.73	244	1459102	86.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	57756	4.641	ng	Qvalue # 92

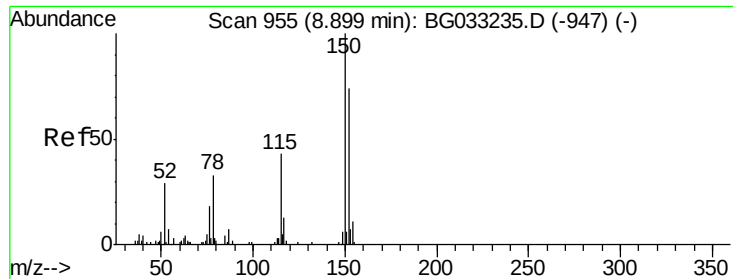
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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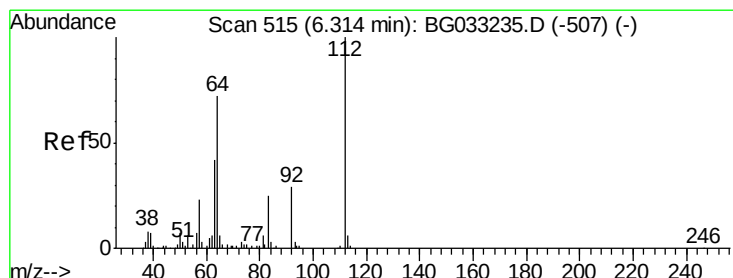
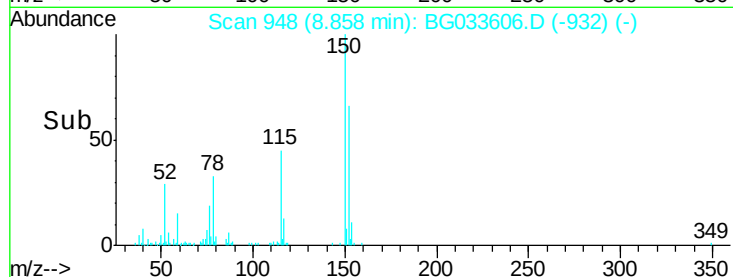
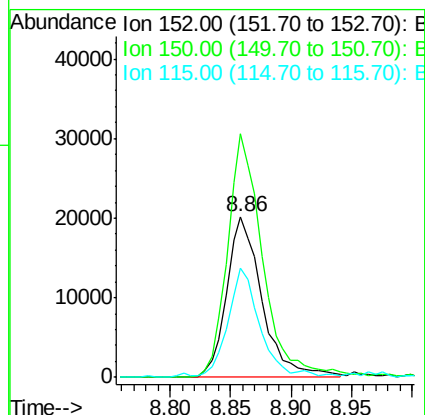
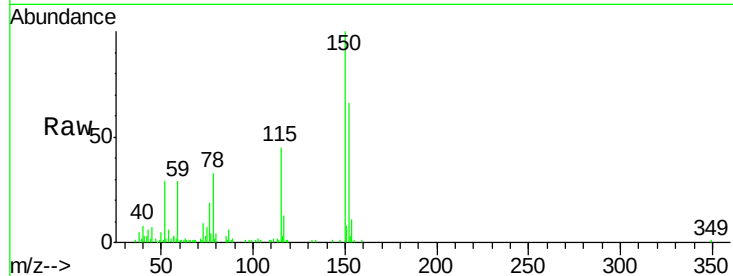


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

Instrument :
BNA_G
ClientSampleId :
DRUM-WATER

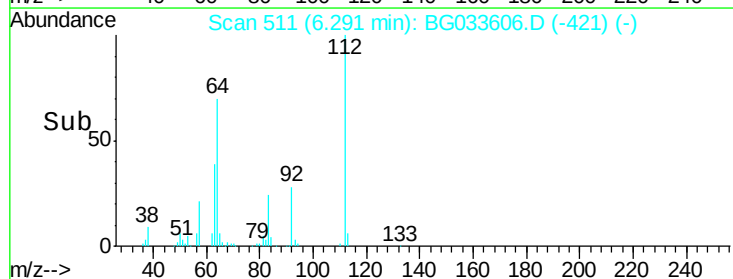
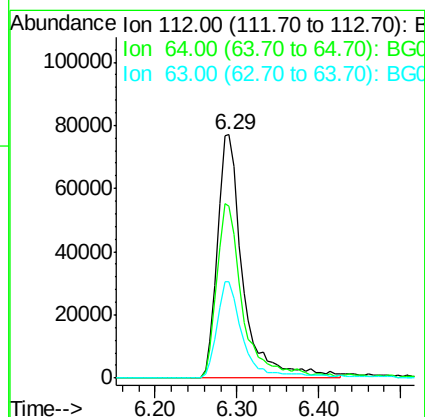
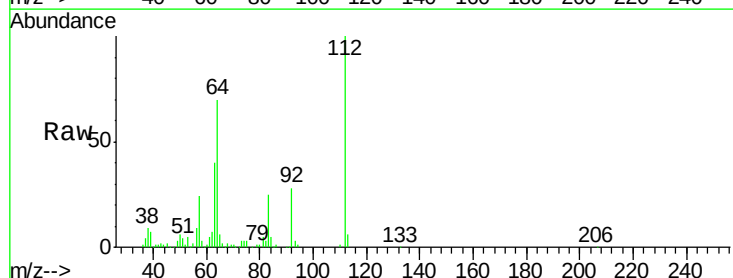
Tot Ion:152 Resp: 41071
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 68.3 53.0 79.4

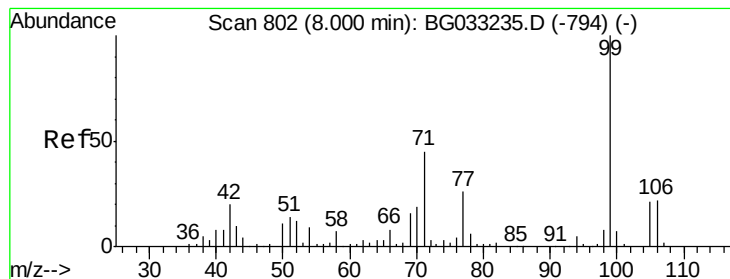


#5

2-Fluorophenol
Concen: 76.851 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033606.D
Acq: 5 Apr 2018 23:34

Tgt Ion:112 Resp: 168328
Ion Ratio Lower Upper
112 100
64 70.4 56.3 84.5
63 39.7 30.1 45.1





#7

Phenol-d6

Concen: 45.883 ng

RT: 7.99 min Scan# 801

Delta R.T. 0.02 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

Instrument :

BNA_G

ClientSampleId :

DRUM-WATER

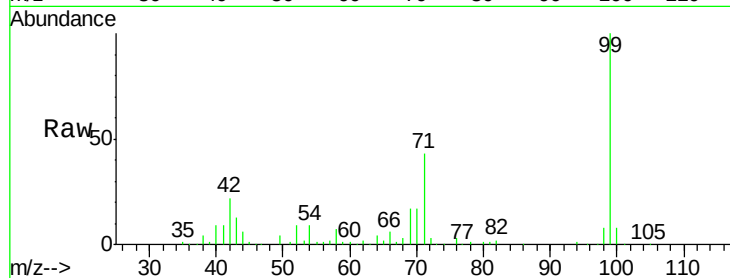
Tot Ion: 99 Resp: 172677

Ion Ratio Lower Upper

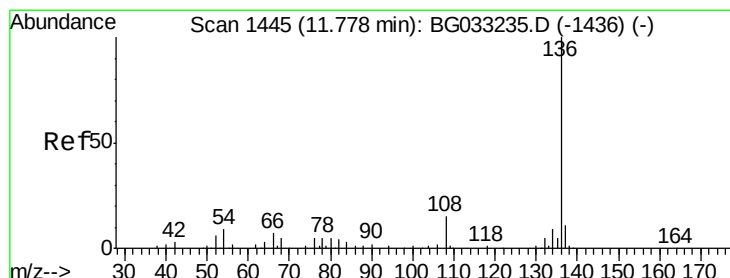
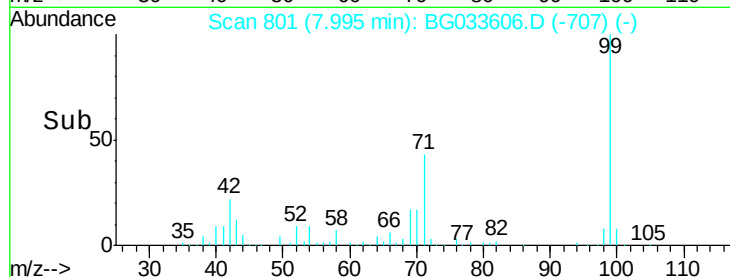
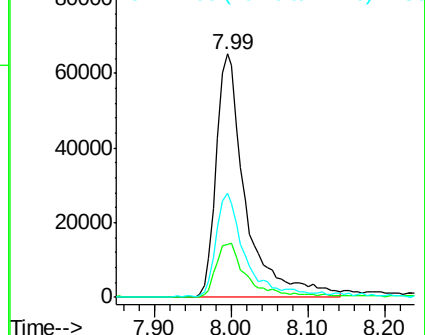
99 100

42 21.6 14.1 21.1#

71 42.7 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: 11.74 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

Tgt Ion: 136 Resp: 184382

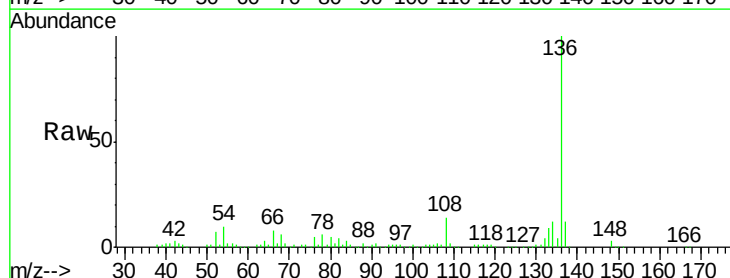
Ion Ratio Lower Upper

136 100

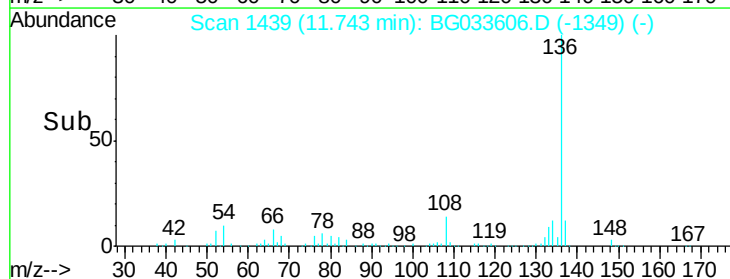
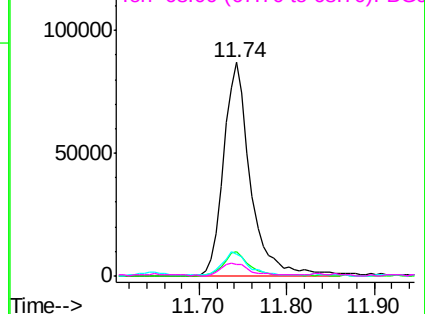
137 11.7 9.2 13.8

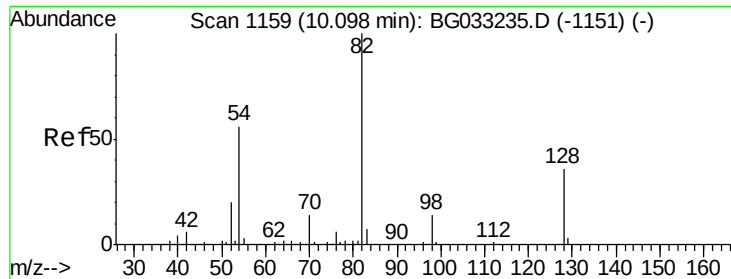
54 10.2 10.3 15.5#

68 5.6 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

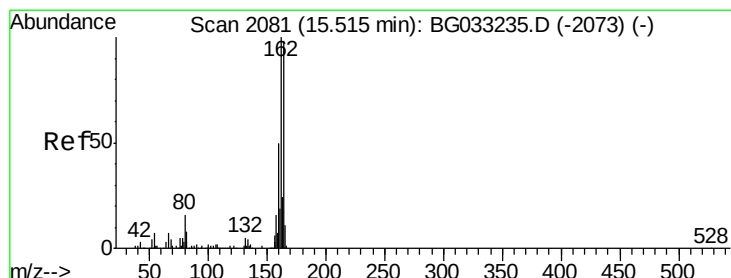
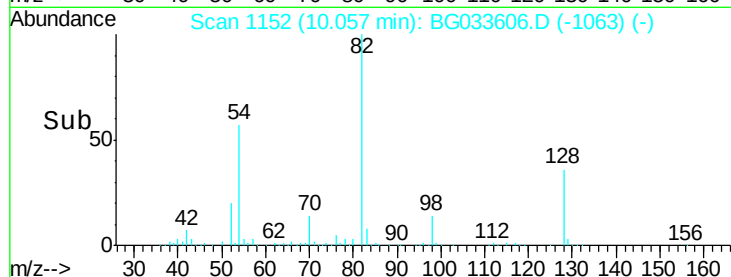
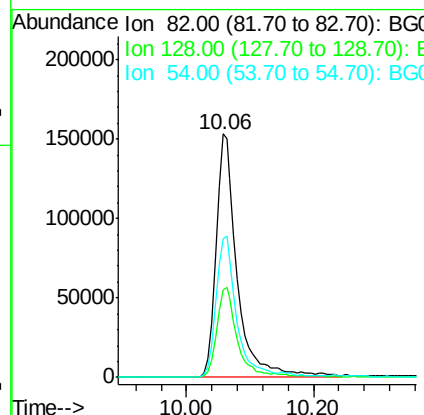
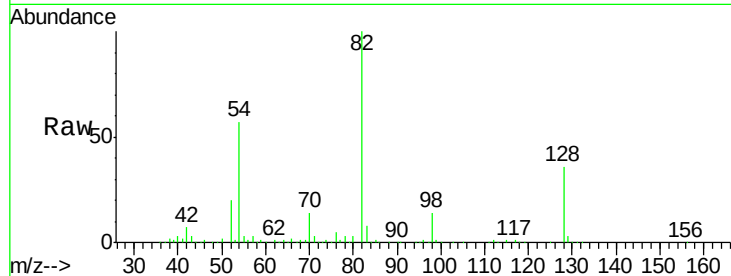




#23
 Nitrobenzene-d5
 Concen: 89.775 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033606.D
 Acq: 5 Apr 2018 23:34

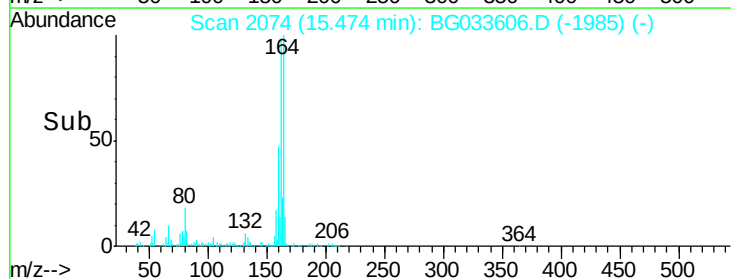
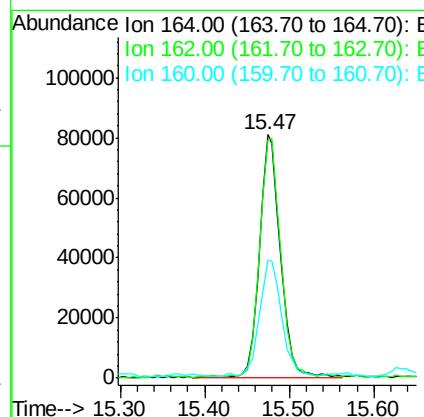
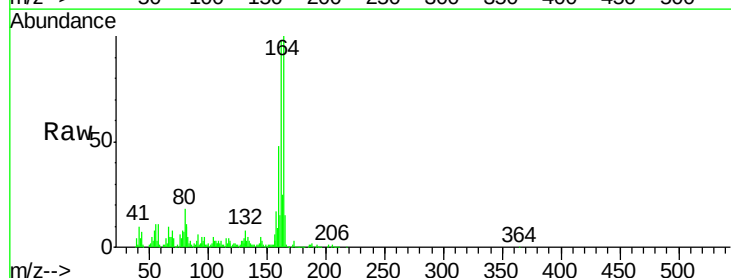
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-WATER

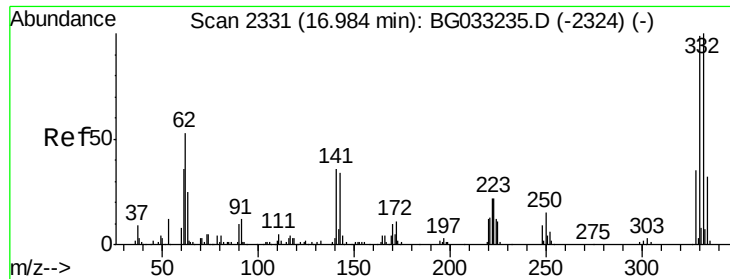
Tot Ion: 82 Resp: 360283
 Ion Ratio Lower Upper
 82 100
 128 35.7 29.7 44.5
 54 57.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033606.D
 Acq: 5 Apr 2018 23:34

Tgt Ion:164 Resp: 142998
 Ion Ratio Lower Upper
 164 100
 162 97.8 78.8 118.2
 160 48.3 35.4 53.0

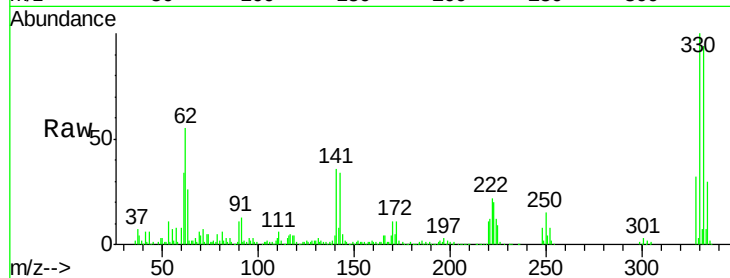




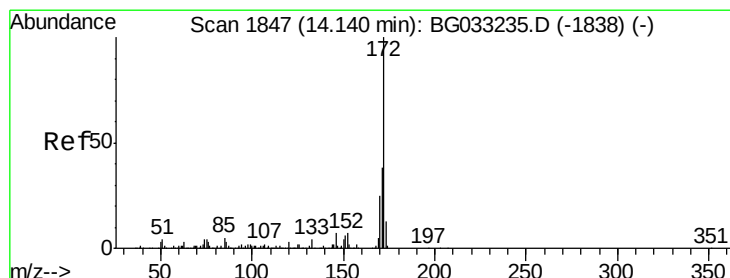
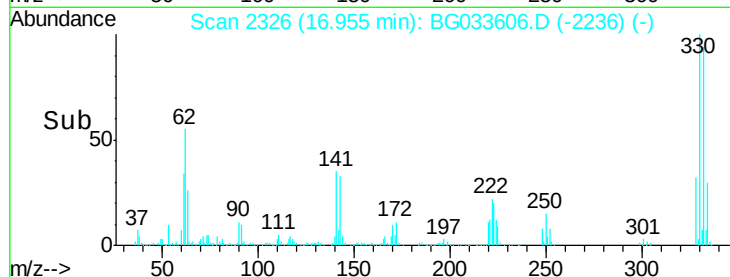
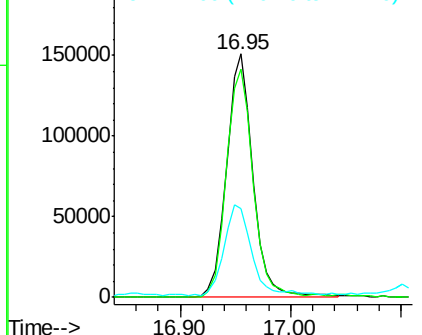
#41
 2,4,6-Tribromophenol
 Concen: 117.991 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033606.D
 Acq: 5 Apr 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-WATER

Tot Ion:330 Resp: 252347
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 37.2 25.2 37.8

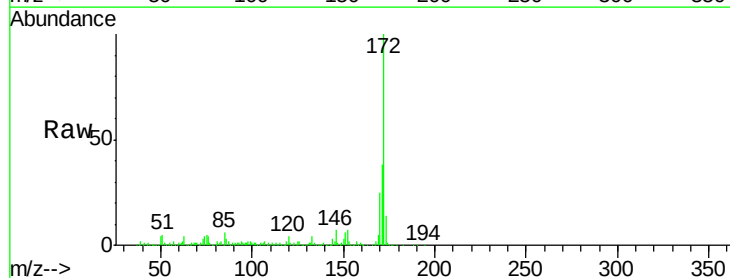


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

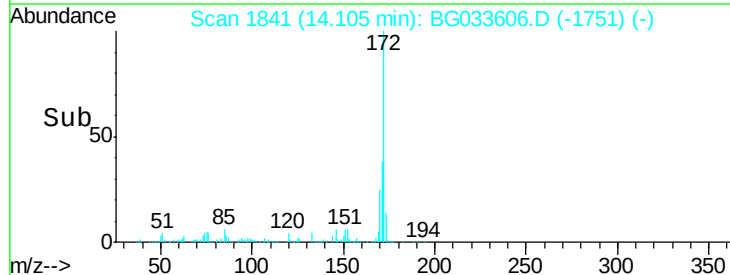
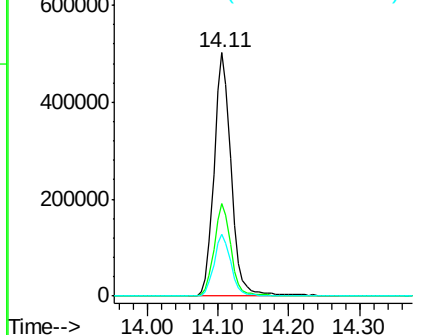


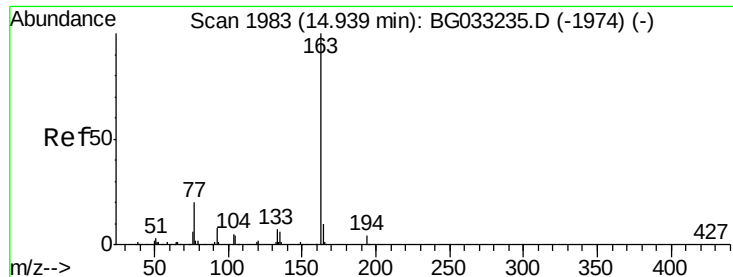
#44
 2-Fluorobiphenyl
 Concen: 85.814 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033606.D
 Acq: 5 Apr 2018 23:34

Tgt Ion:172 Resp: 850023
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 25.3 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: 4.641 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

Instrument :

BNA_G

ClientSampleId :

DRUM-WATER

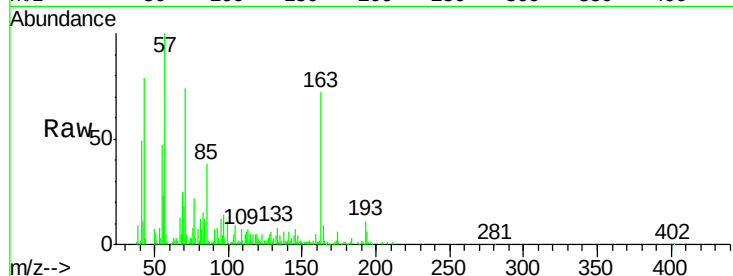
Tot Ion:163 Resp: 57756

Ion Ratio Lower Upper

163 100

194 8.3 3.4 5.2#

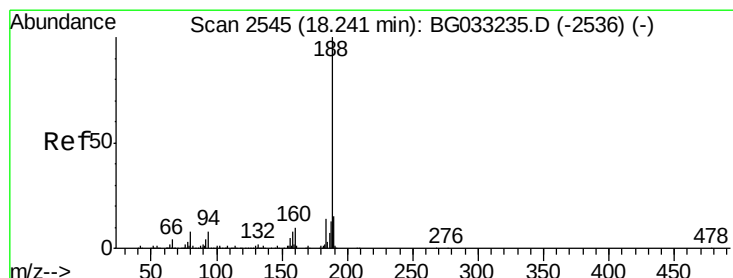
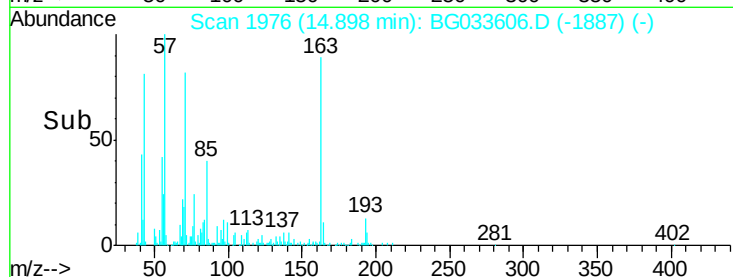
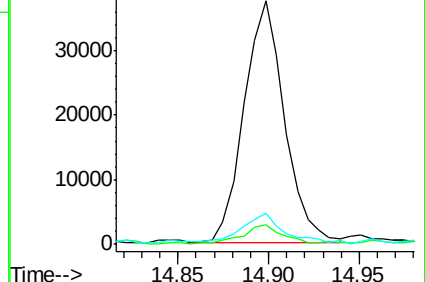
164 12.8 8.2 12.4#



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: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

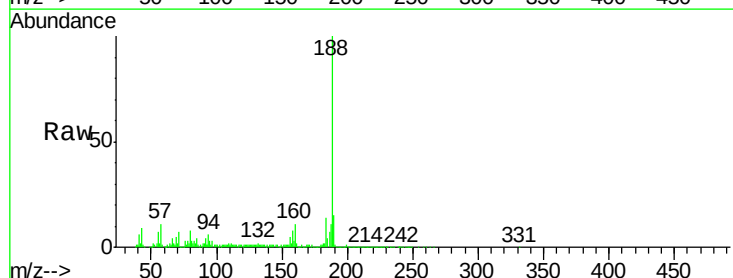
Tgt Ion:188 Resp: 339058

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

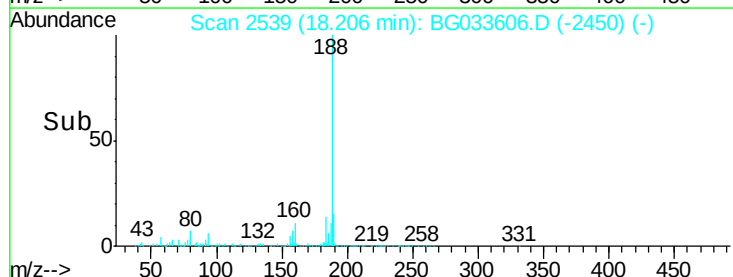
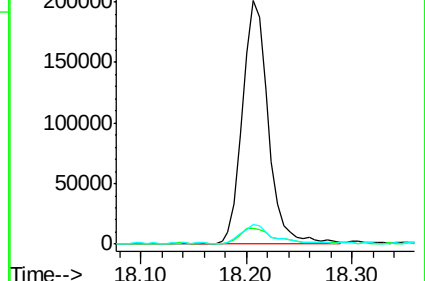
80 8.3 7.7 11.5

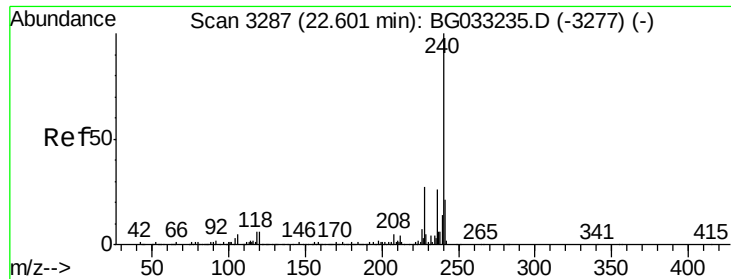


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

Instrument :

BNA_G

ClientSampleId :

DRUM-WATER

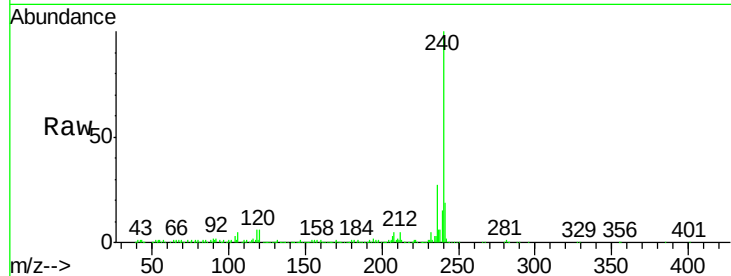
Tot Ion:240 Resp: 361597

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

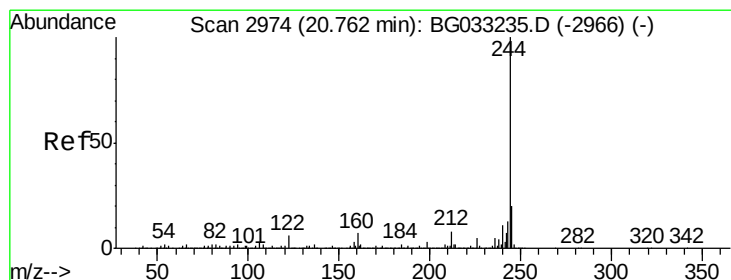
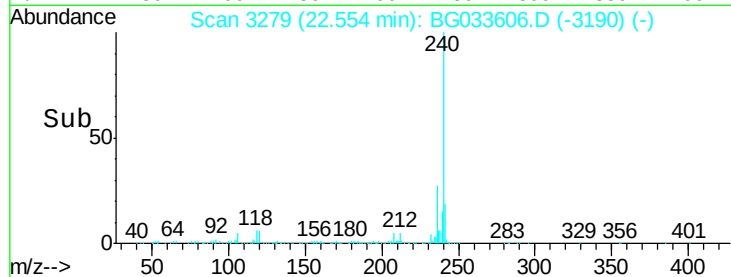
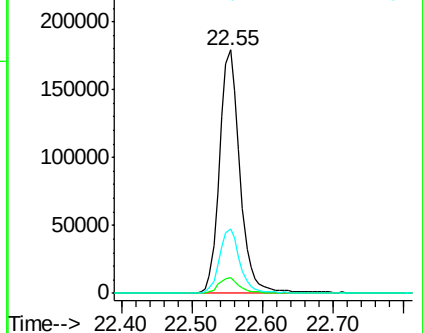
236 26.7 20.9 31.3



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: 86.296 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033606.D

Acq: 5 Apr 2018 23:34

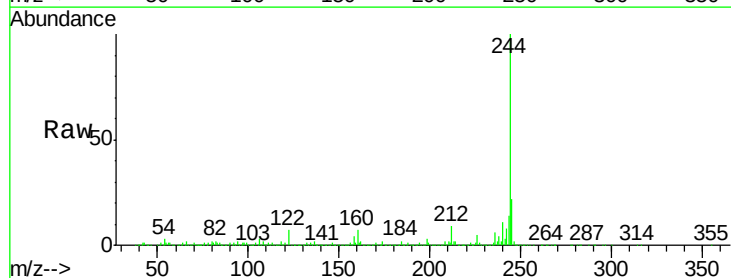
Tgt Ion:244 Resp: 1459102

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

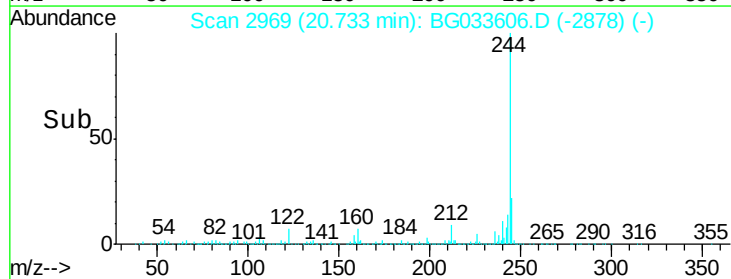
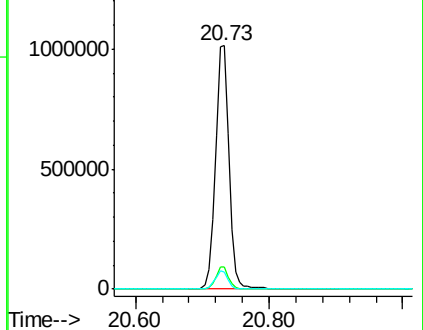
122 6.9 7.0 10.4#

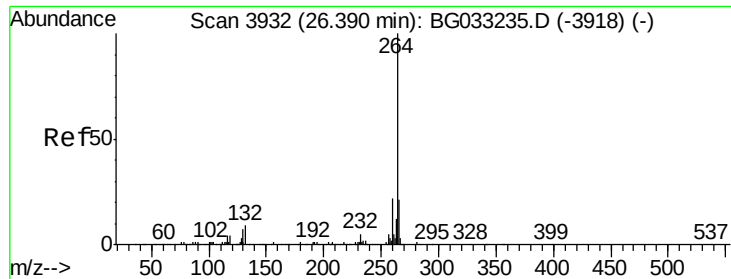


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.31 min Scan# 3918
 Delta R.T. -0.01 min
 Lab File: BG033606.D
 Acq: 5 Apr 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.2	17.7	26.5

