

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
 Data File : BG027804.D
 Acq On : 2 Jul 2017 4:39
 Operator : SJ/JU
 Sample : I4020-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HDD-WATER

Quant Time: Jul 03 06:59:54 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

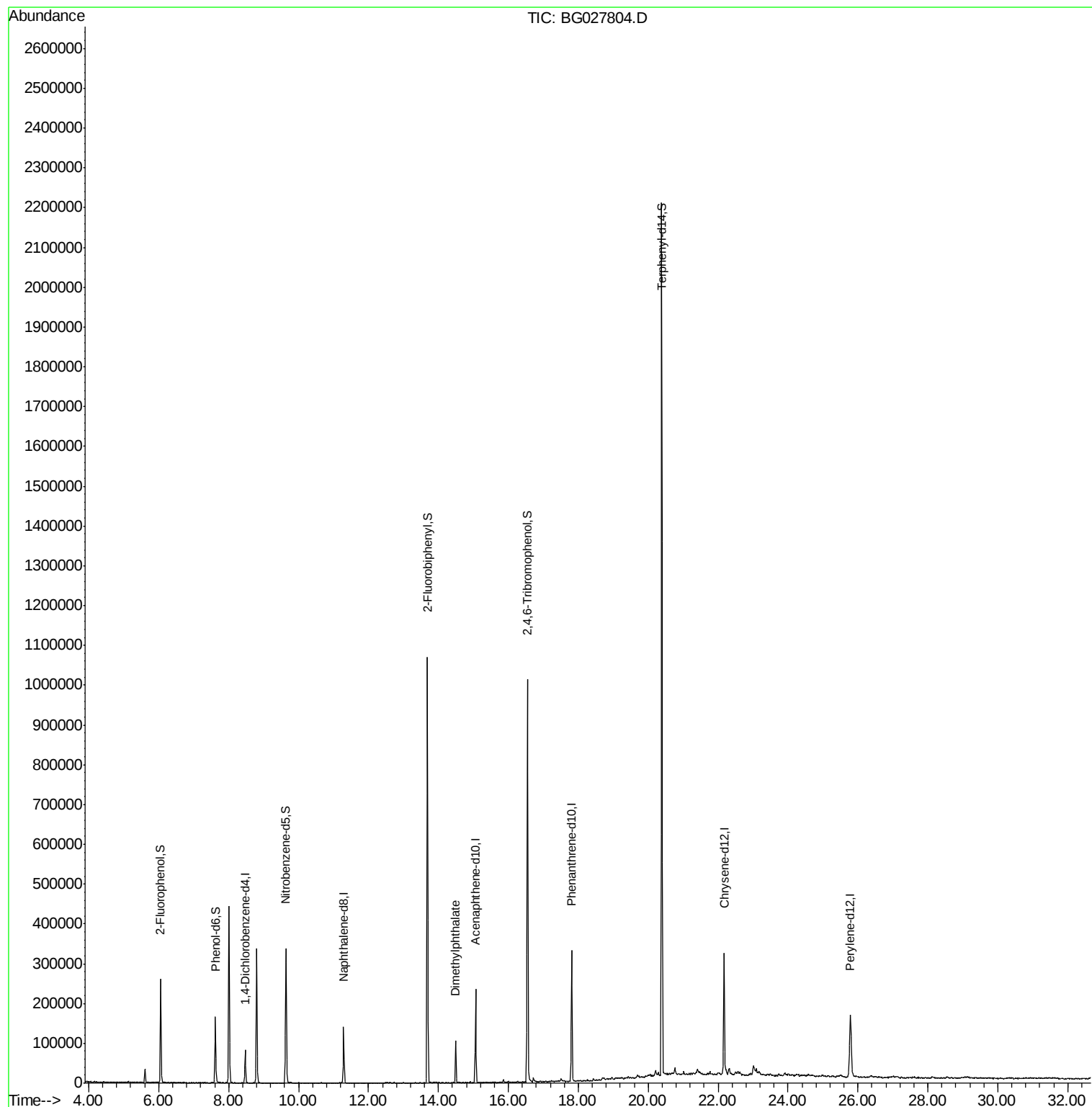
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	24783	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	125351	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	85187	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	211434	20.00	ng	0.00
75) Chrysene-d12	22.17	240	208034	20.00	ng	0.00
86) Perylene-d12	25.78	264	204362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	113437	70.48	ng	0.00
7) Phenol-d6	7.62	99	102025	41.50	ng	0.00
23) Nitrobenzene-d5	9.64	82	206551	91.85	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	211522	181.03	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	569265	95.44	ng	0.00
78) Terphenyl-d14	20.39	244	1009125	113.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.49	163	70321	9.677	ng	Qvalue 98

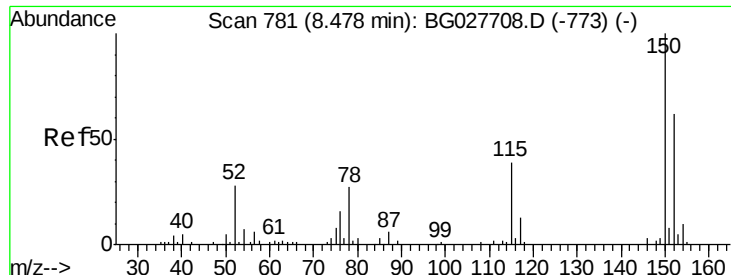
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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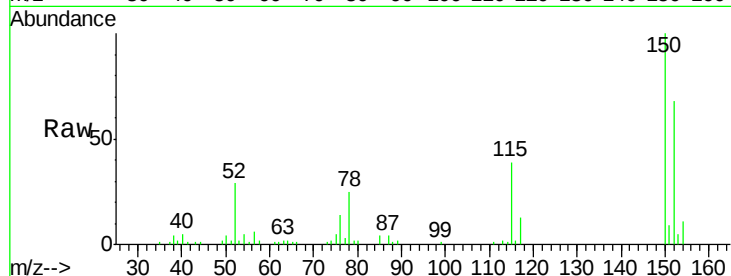


#1

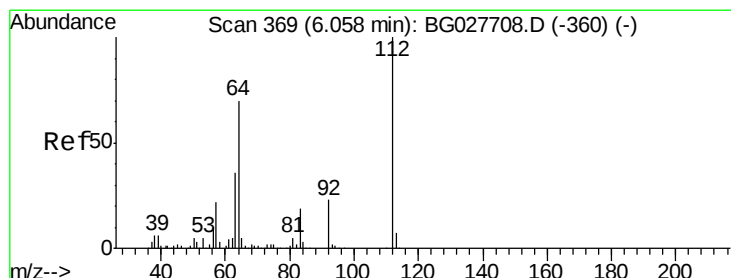
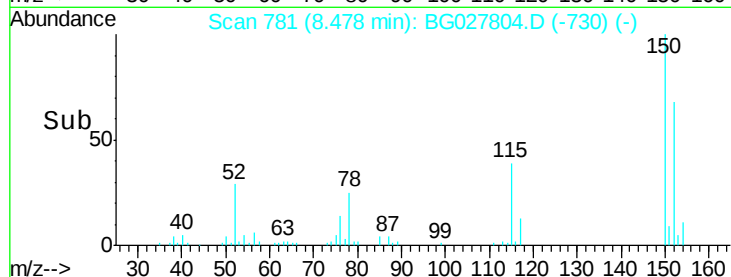
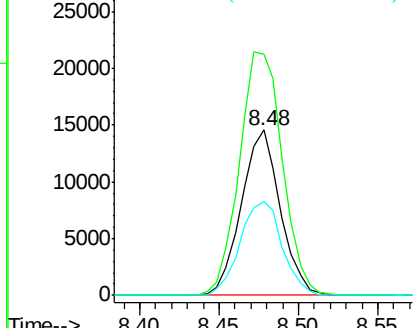
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027804.D
Acq: 2 Jul 2017 4:39

Instrument :
BNA_G
ClientSampleId :
HDD-WATER

Tgt Ion:152 Resp: 24783
Ion Ratio Lower Upper
152 100
150 146.2 114.0 171.0
115 56.9 48.1 72.1



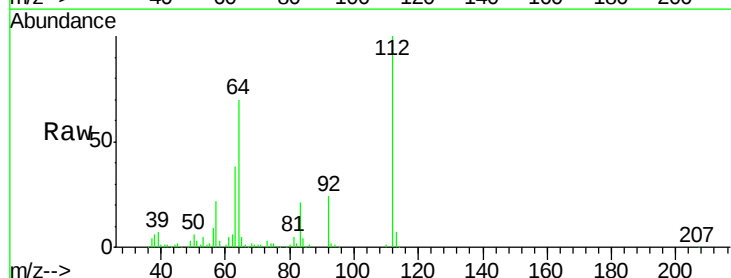
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



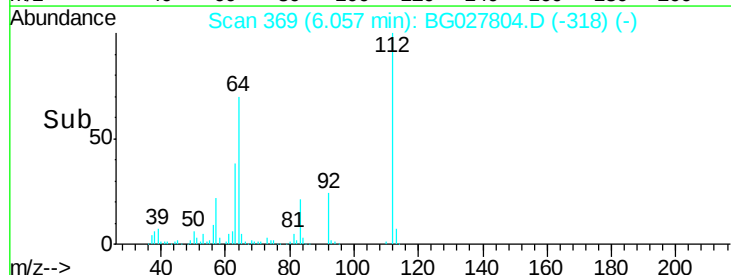
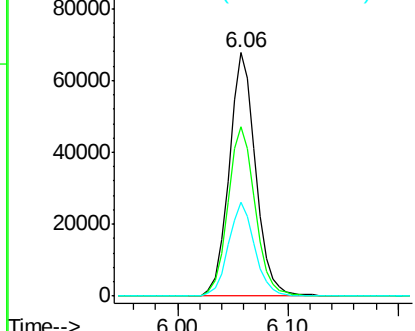
#5

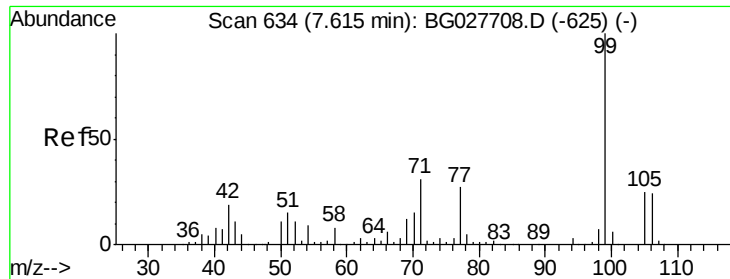
2-Fluorophenol
Concen: 70.485 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027804.D
Acq: 2 Jul 2017 4:39

Tgt Ion:112 Resp: 113437
Ion Ratio Lower Upper
112 100
64 69.7 61.8 92.6
63 38.5 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: 41.497 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027804.D

Acq: 2 Jul 2017 4:39

Instrument :

BNA_G

ClientSampleId :

HDD-WATER

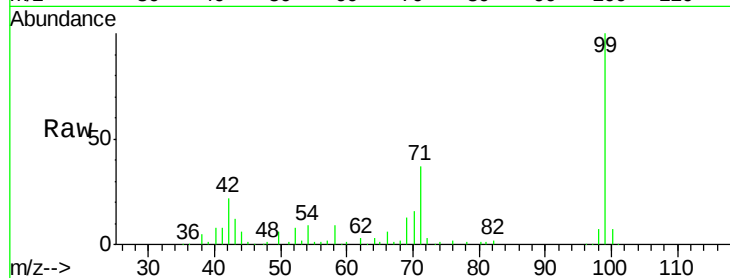
Tgt Ion: 99 Resp: 102025

Ion Ratio Lower Upper

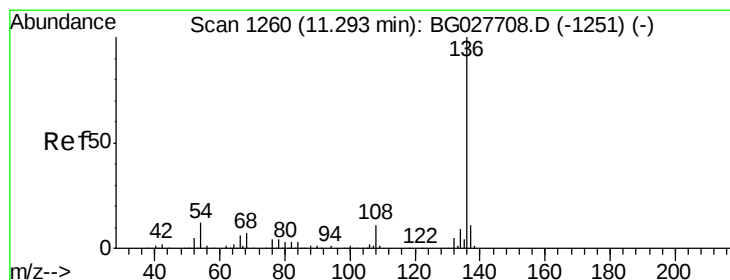
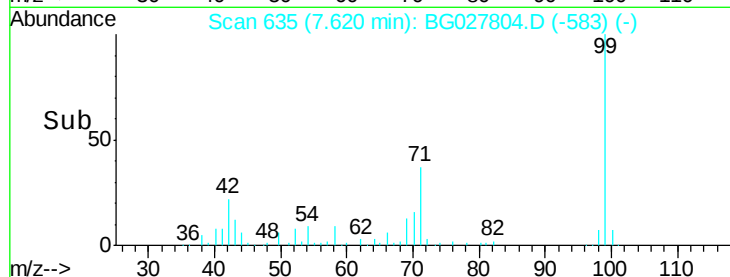
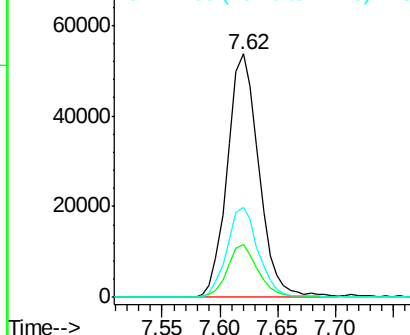
99 100

42 21.5 20.5 30.7

71 37.0 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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027804.D

Acq: 2 Jul 2017 4:39

Tgt Ion: 136 Resp: 125351

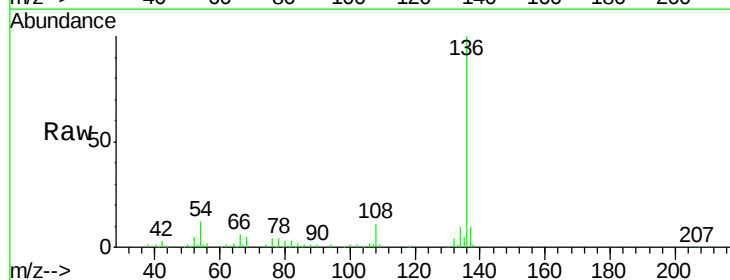
Ion Ratio Lower Upper

136 100

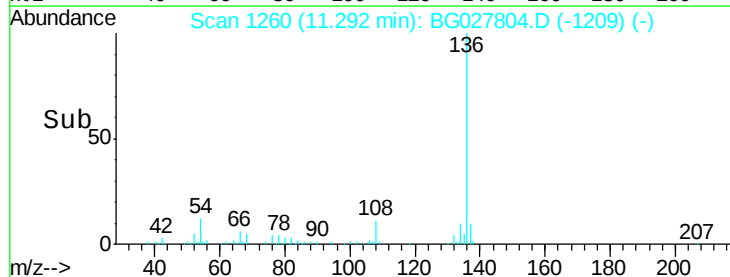
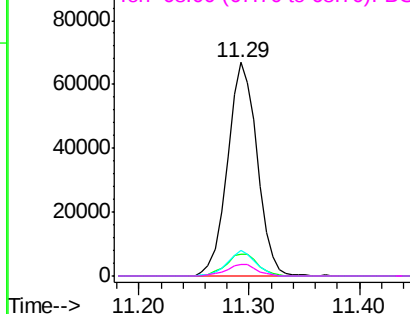
137 10.1 8.9 13.3

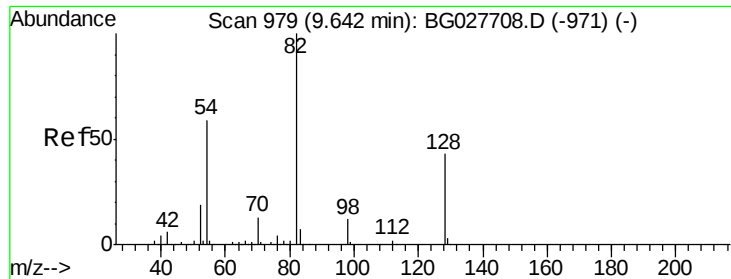
54 12.2 9.3 13.9

68 5.2 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

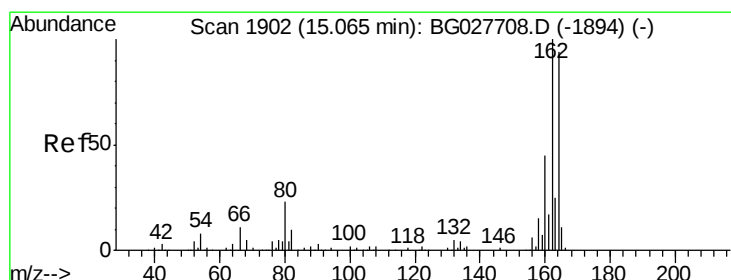
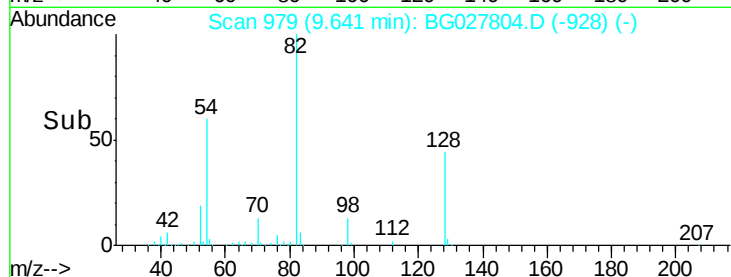
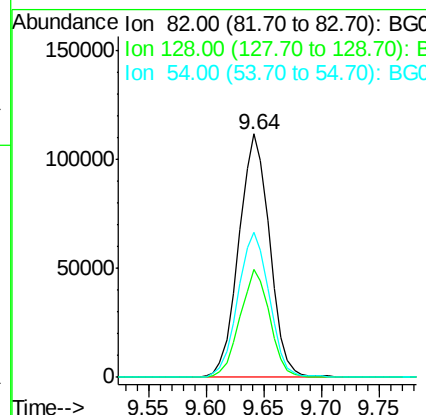
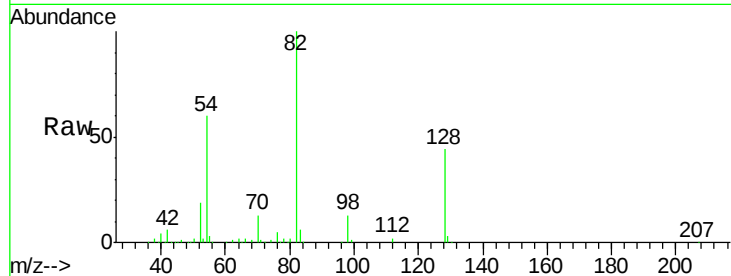




#23
 Nitrobenzene-d5
 Concen: 91.849 ng
 RT: 9.64 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BG027804.D
 Acq: 2 Jul 2017 4:39

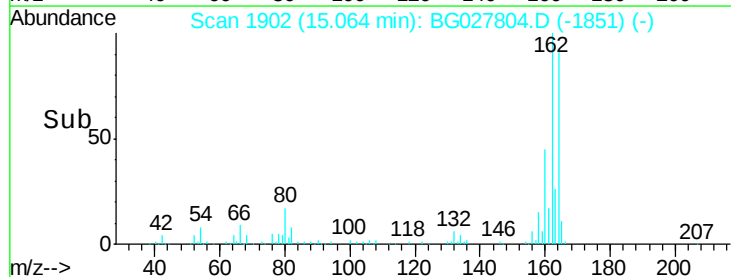
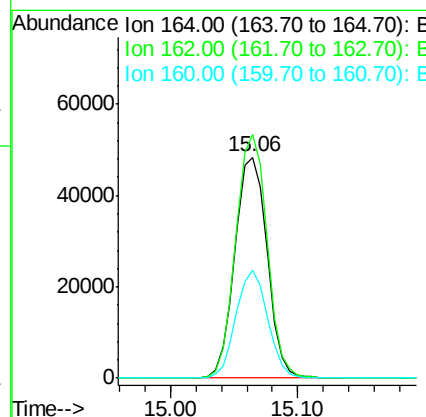
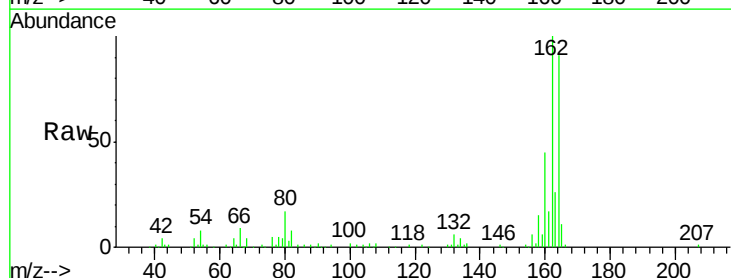
Instrument :
 BNA_G
 ClientSampleId :
 HDD-WATER

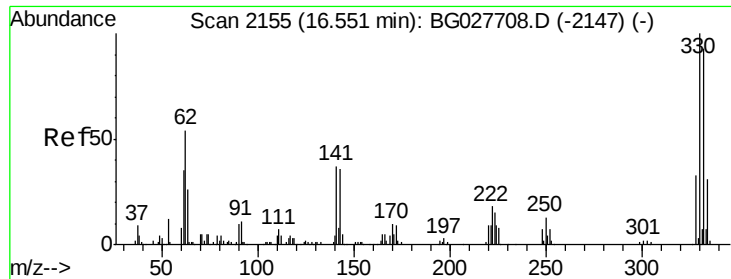
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	26.4	39.6#
54	59.8	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027804.D
 Acq: 2 Jul 2017 4:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.1	85.1	127.7
160	49.1	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 181.031 ng

RT: 16.55 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BG027804.D

Acq: 2 Jul 2017 4:39

Instrument :

BNA_G

ClientSampleId :

HDD-WATER

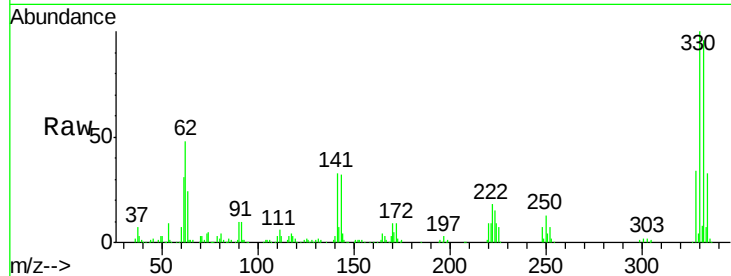
Tgt Ion:330 Resp: 211522

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

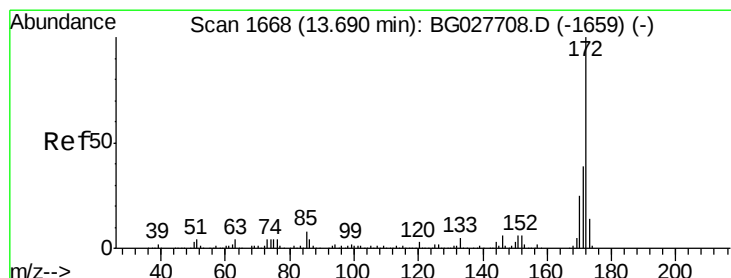
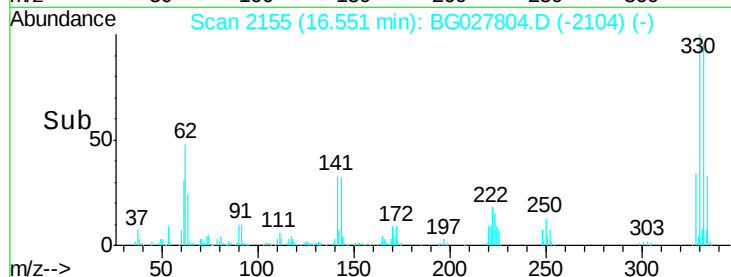
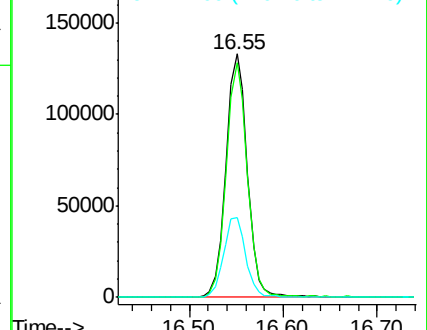
141 34.4 32.1 48.1



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: 95.438 ng

RT: 13.69 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG027804.D

Acq: 2 Jul 2017 4:39

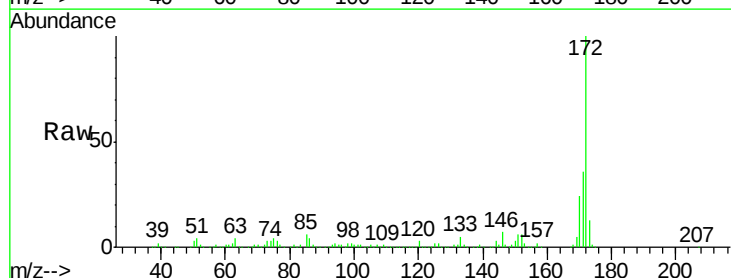
Tgt Ion:172 Resp: 569265

Ion Ratio Lower Upper

172 100

171 36.2 32.2 48.2

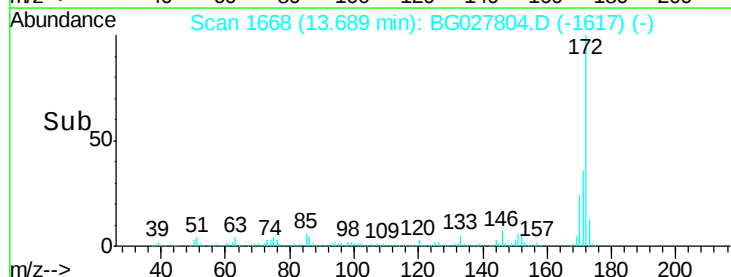
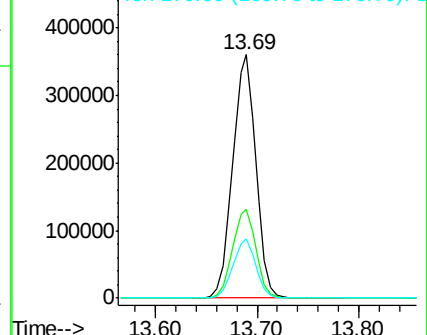
170 24.1 21.8 32.6

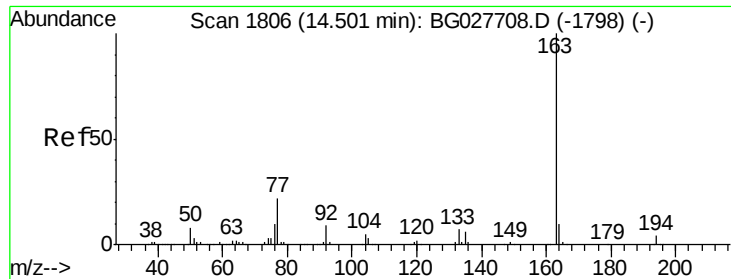


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.677 ng

RT: 14.49 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BG027804.D

Acq: 2 Jul 2017 4:39

Instrument :

BNA_G

ClientSampleId :

HDD-WATER

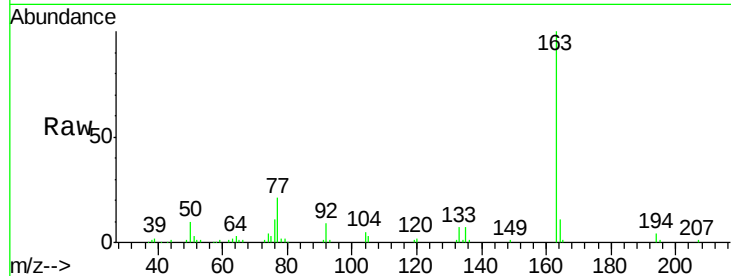
Tgt Ion:163 Resp: 70321

Ion Ratio Lower Upper

163 100

194 4.3 3.8 5.6

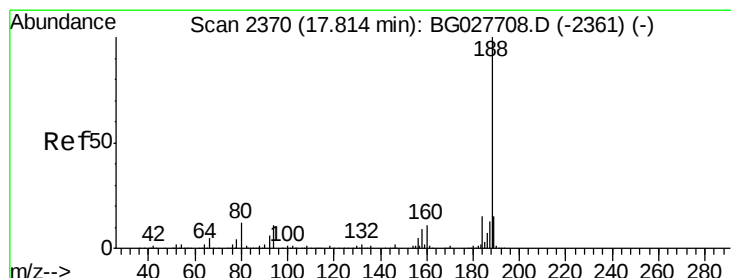
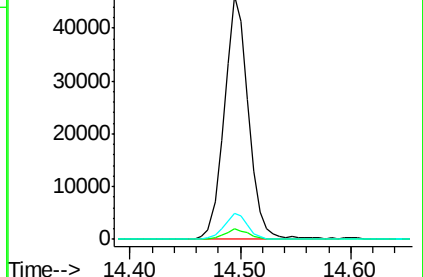
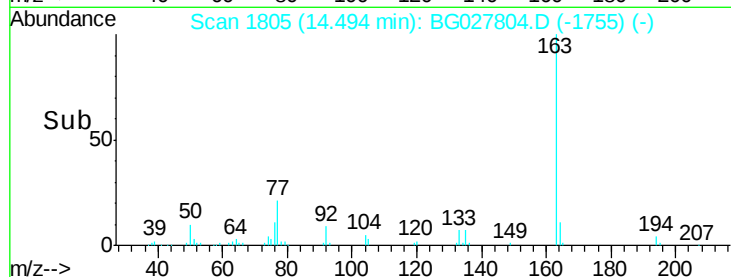
164 10.9 9.3 13.9



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: BG027804.D

Acq: 2 Jul 2017 4:39

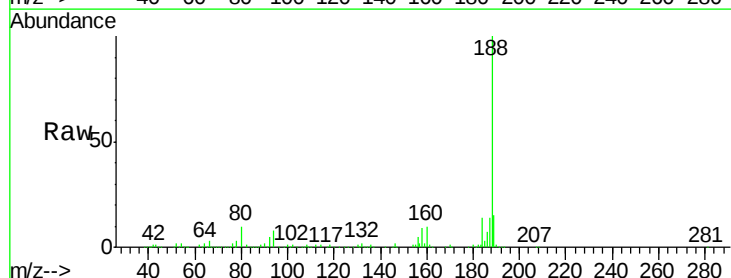
Tgt Ion:188 Resp: 211434

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.8

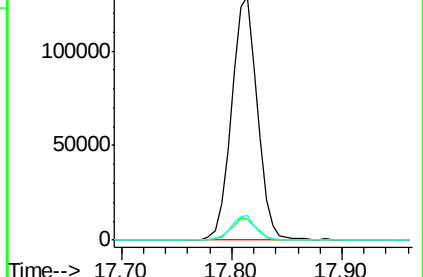
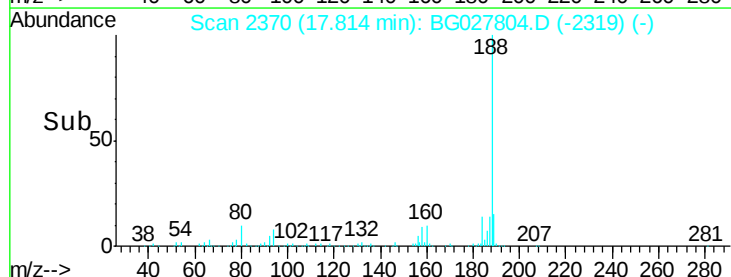
80 10.0 7.5 11.3

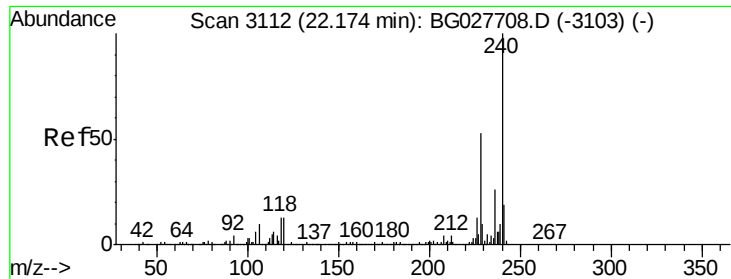


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

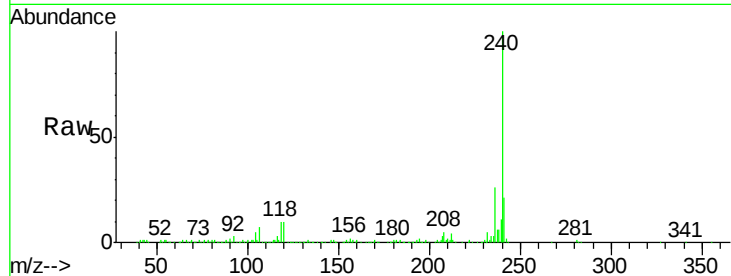




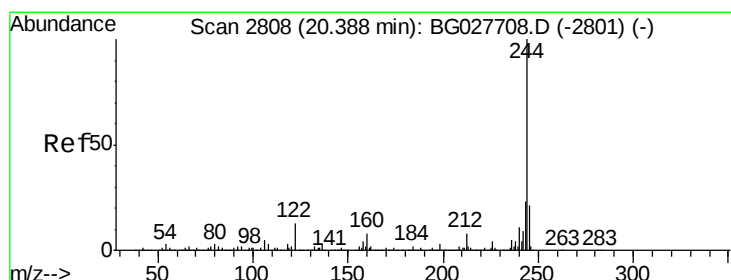
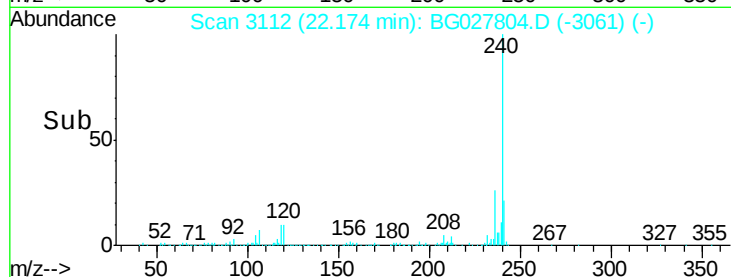
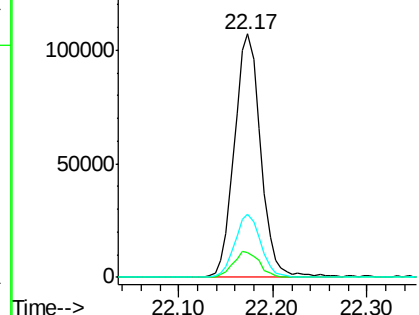
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.17 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: BG027804.D
 Acq: 2 Jul 2017 4:39

Instrument :
 BNA_G
 ClientSampleId :
 HDD-WATER

Tgt Ion:240 Resp: 208034
 Ion Ratio Lower Upper
 240 100
 120 10.0 5.7 8.5#
 236 26.1 22.2 33.4

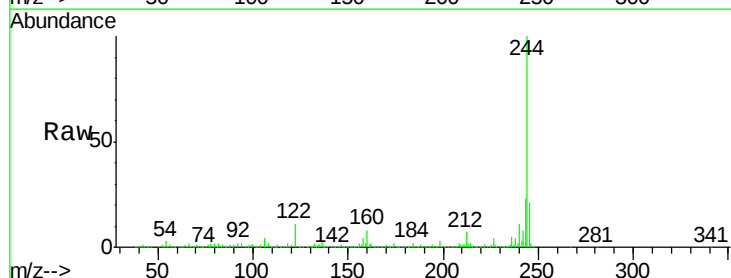


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

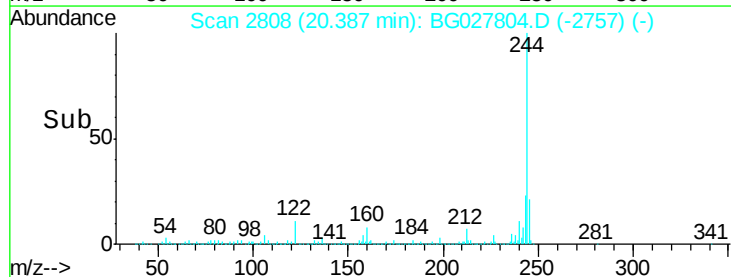
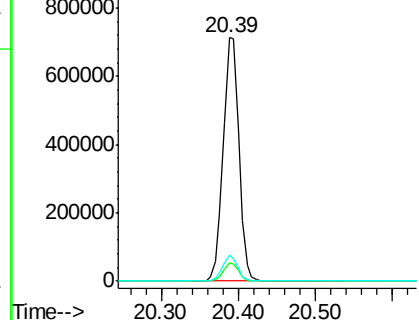


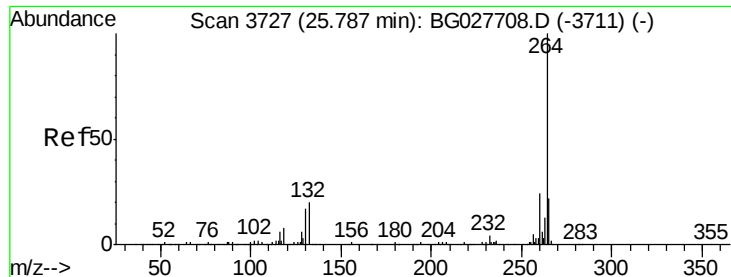
#78
 Terphenyl-d14
 Concen: 113.720 ng
 RT: 20.39 min Scan# 2808
 Delta R.T. -0.00 min
 Lab File: BG027804.D
 Acq: 2 Jul 2017 4:39

Tgt Ion:244 Resp: 1009125
 Ion Ratio Lower Upper
 244 100
 212 7.4 10.0 15.0#
 122 10.9 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: 25.78 min Scan# 3726
Delta R.T. -0.01 min
Lab File: BG027804.D
Acq: 2 Jul 2017 4:39

Instrument :
BNA_G
ClientSampleId :
HDD-WATER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	21.8	32.8
265	21.6	18.2	27.4

