

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026659.D
 Acq On : 19 Apr 2017 16:24
 Operator : SJ/MA
 Sample : I2719-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VL-WWTP-001

Quant Time: Apr 20 01:36:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

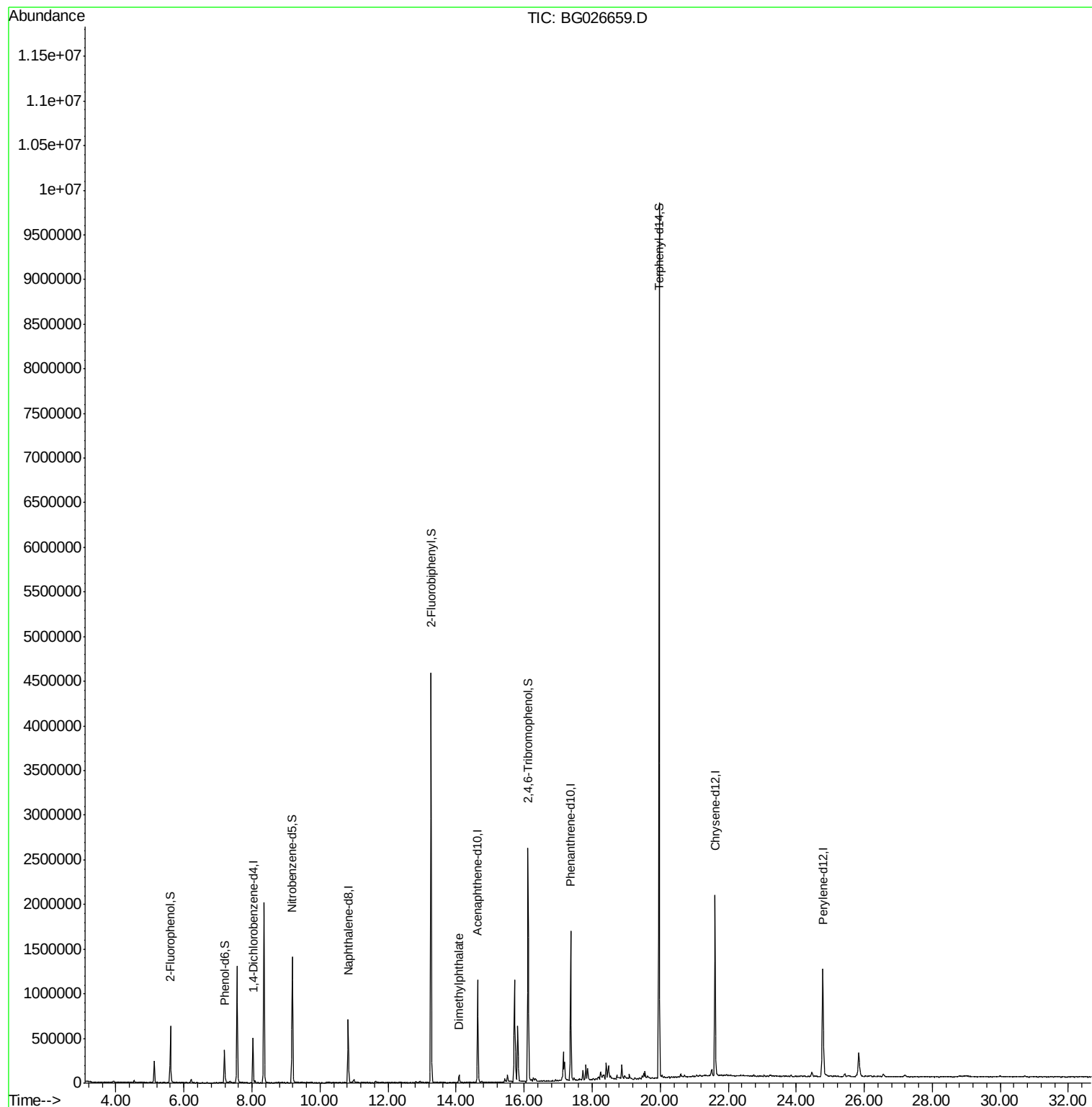
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	165755	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	682649	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	414350	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1103363	20.00	ng	-0.02
75) Chrysene-d12	21.61	240	1302757	20.00	ng	-0.02
86) Perylene-d12	24.78	264	1249283	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	352823	38.70	ng	-0.01
7) Phenol-d6	7.19	99	271952	22.76	ng	-0.02
23) Nitrobenzene-d5	9.19	82	933970	95.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	558195	96.68	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	2552877	91.76	ng	-0.02
78) Terphenyl-d14	19.97	244	3861584	87.51	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.09	163	68060	2.07	ng	Qvalue 99

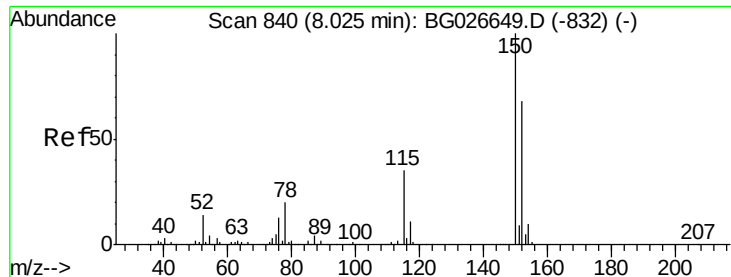
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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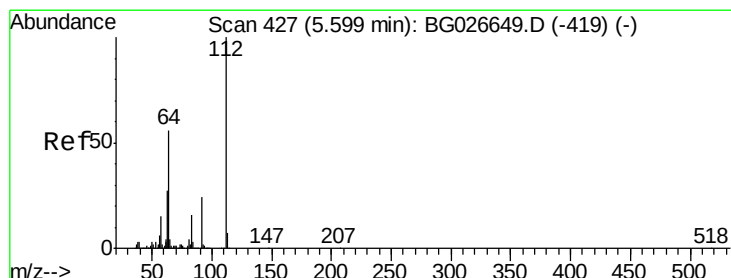
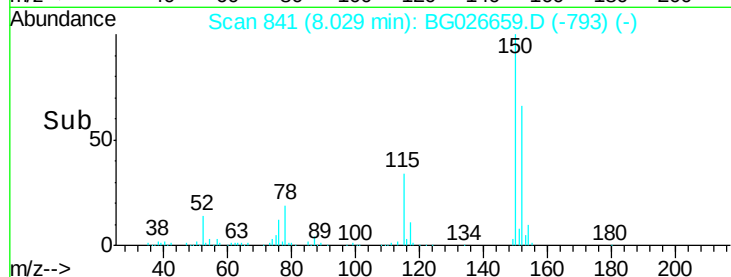
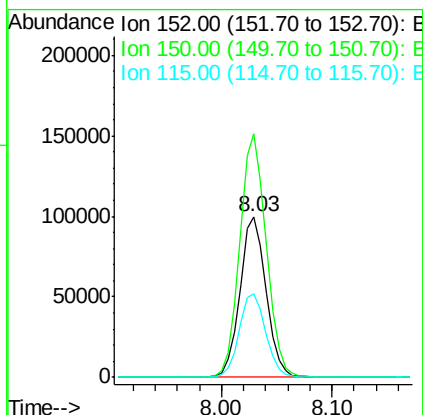
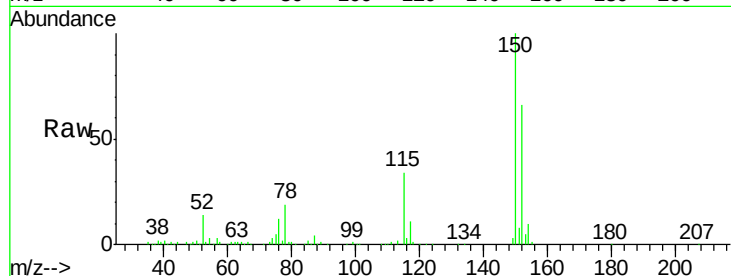


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG026659.D
Acq: 19 Apr 2017 16:24

Instrument :
BNA_G
ClientSampleId :
VL-WWTP-001

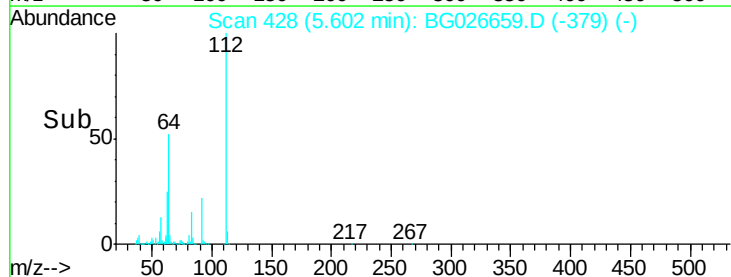
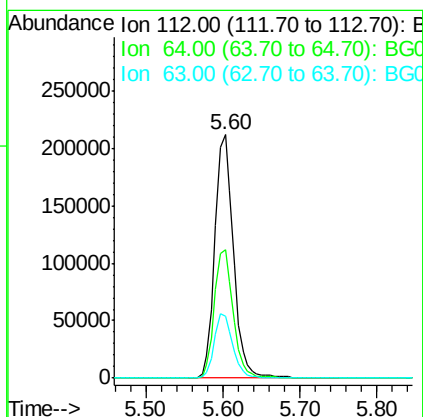
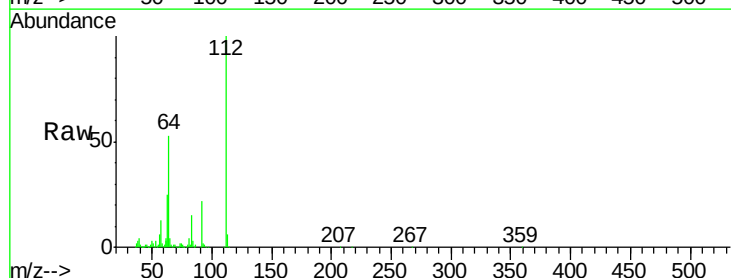
Tot Ion:152 Resp: 165755
Ion Ratio Lower Upper
152 100
150 151.7 114.0 171.0
115 52.2 48.1 72.1

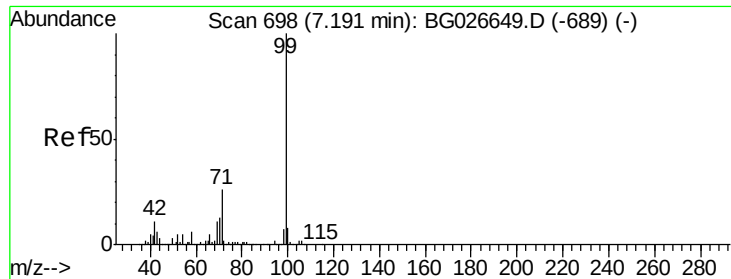


#5

2-Fluorophenol
Concen: 38.70 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG026659.D
Acq: 19 Apr 2017 16:24

Tgt Ion:112 Resp: 352823
Ion Ratio Lower Upper
112 100
64 52.5 61.8 92.6#
63 25.3 37.2 55.8#





#7

Phenol-d6

Concen: 22.76 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG026659.D

Acq: 19 Apr 2017 16:24

Instrument :

BNA_G

ClientSampleId :

VL-WWTP-001

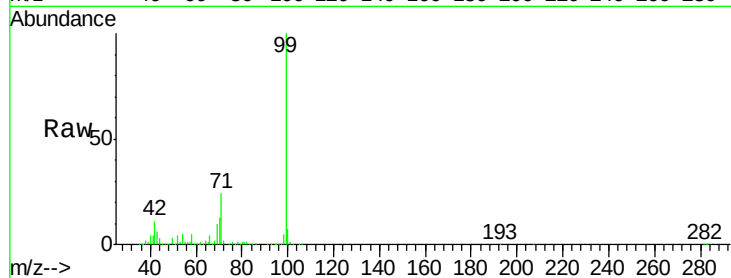
Tot Ion: 99 Resp: 271952

Ion Ratio Lower Upper

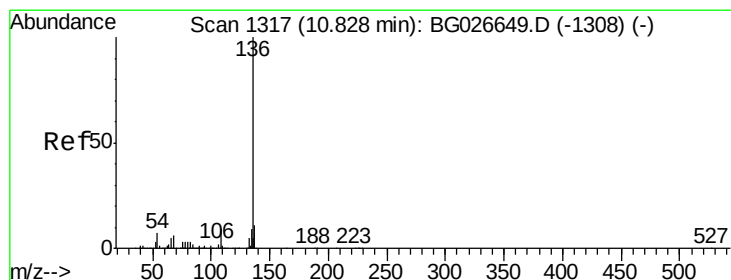
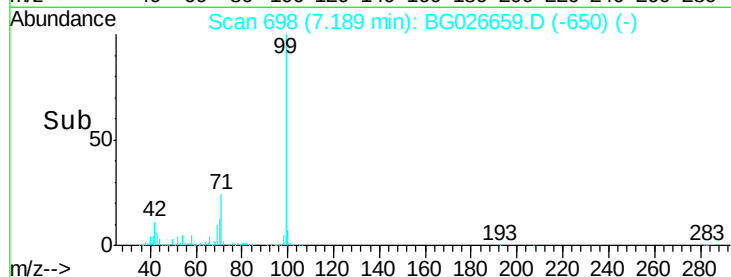
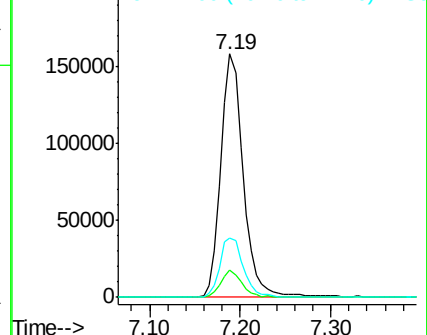
99 100

42 11.1 20.5 30.7#

71 24.4 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: 20.00 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026659.D

Acq: 19 Apr 2017 16:24

Tgt Ion: 136 Resp: 682649

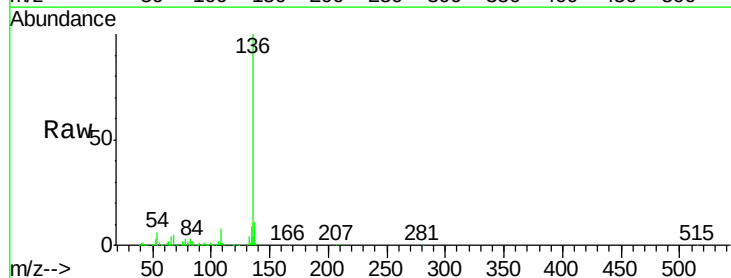
Ion Ratio Lower Upper

136 100

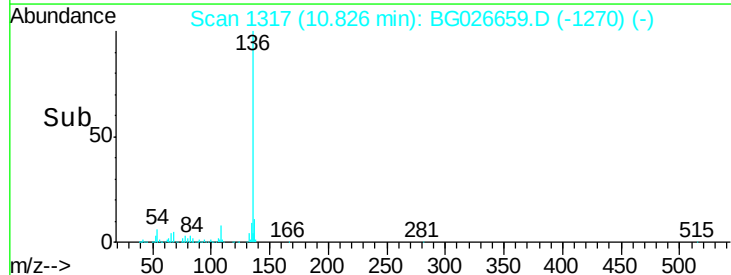
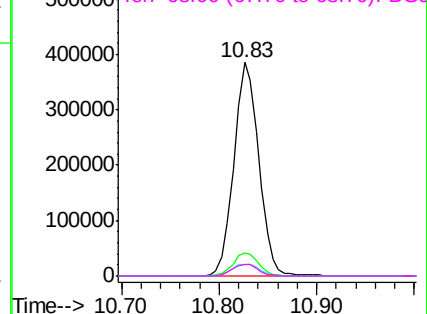
137 10.6 8.9 13.3

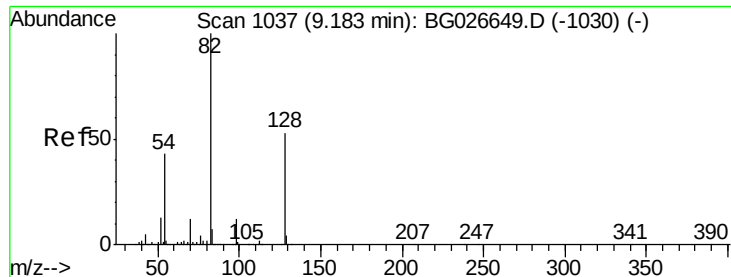
54 5.7 9.3 13.9#

68 5.3 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

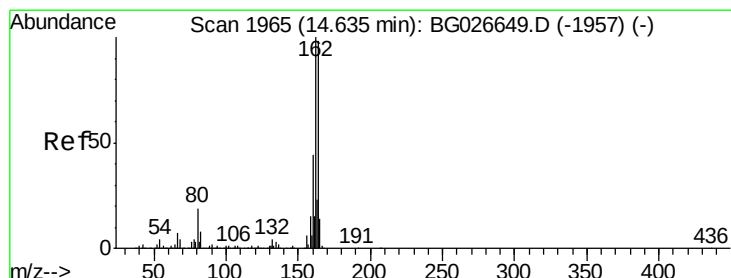
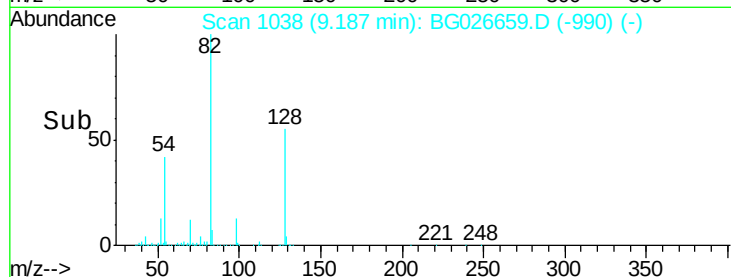
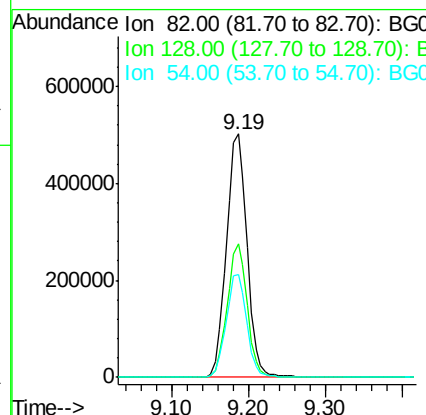
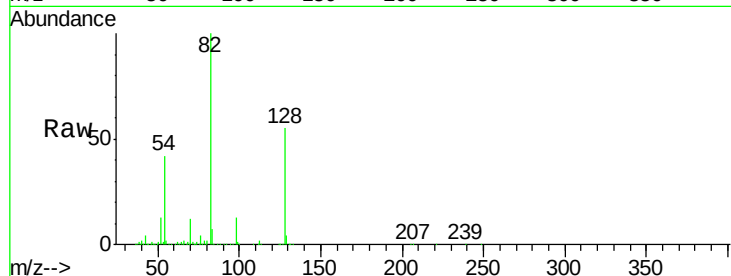




#23
 Nitrobenzene-d5
 Concen: 95.47 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026659.D
 Acq: 19 Apr 2017 16:24

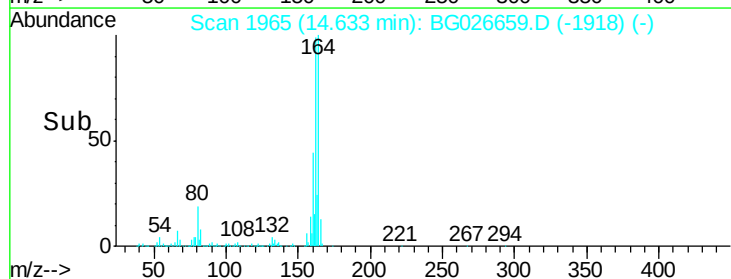
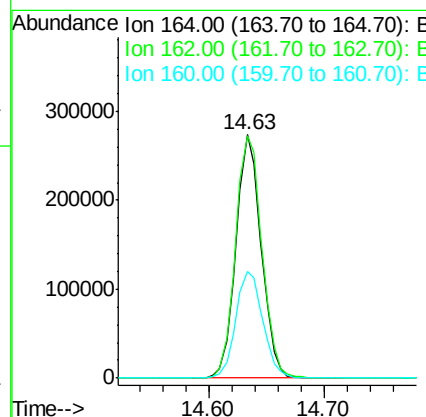
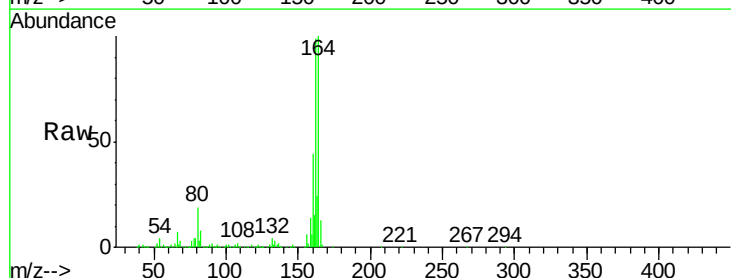
Instrument :
 BNA_G
 ClientSampleId :
 VL-WWTP-001

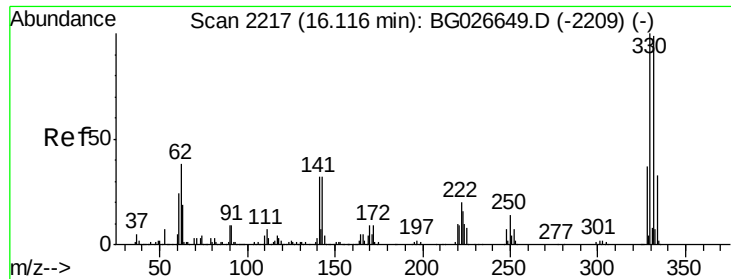
Tot Ion	82	Resp	933970
Ion Ratio	Lower	Upper	
82	100		
128	55.0	26.4	39.6#
54	42.0	49.4	74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BG026659.D
 Acq: 19 Apr 2017 16:24

Tgt Ion	164	Resp	414350
Ion Ratio	Lower	Upper	
164	100		
162	99.5	85.1	127.7
160	44.0	34.7	52.1

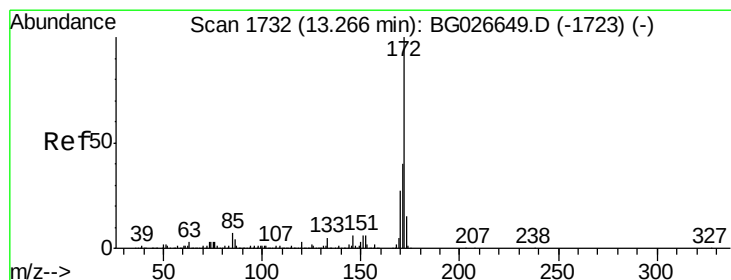
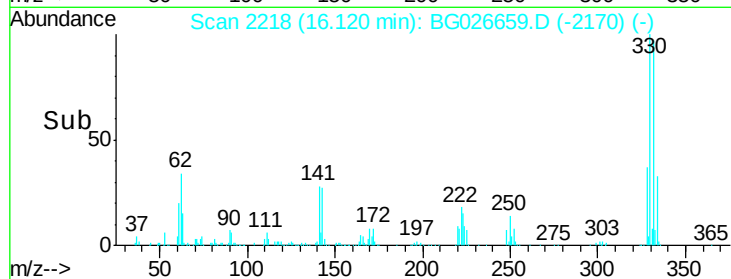
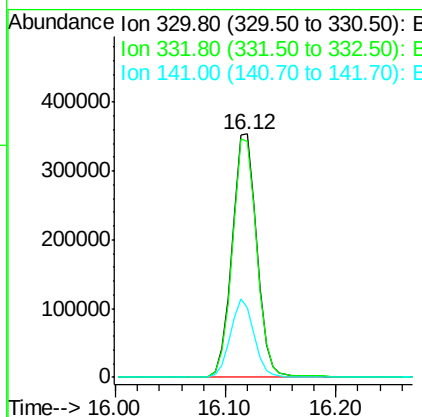
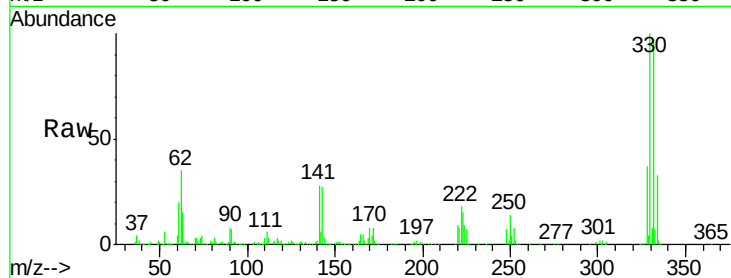




#41
 2,4,6-Tribromophenol
 Concen: 96.68 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.02 min
 Lab File: BG026659.D
 Acq: 19 Apr 2017 16:24

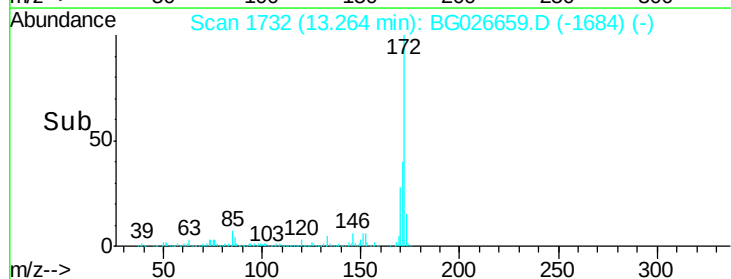
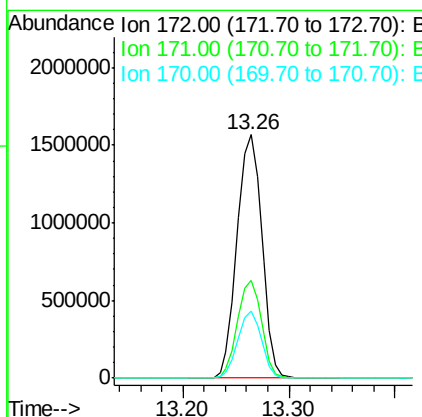
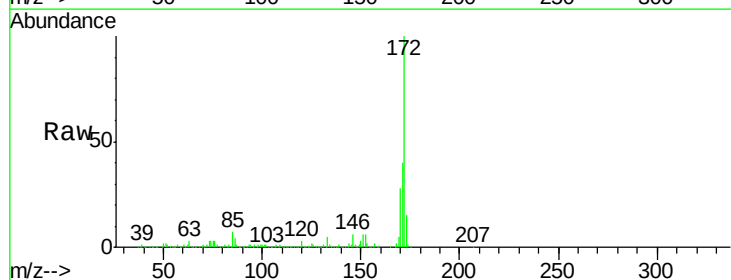
Instrument :
 BNA_G
 ClientSampleId :
 VL-WWTP-001

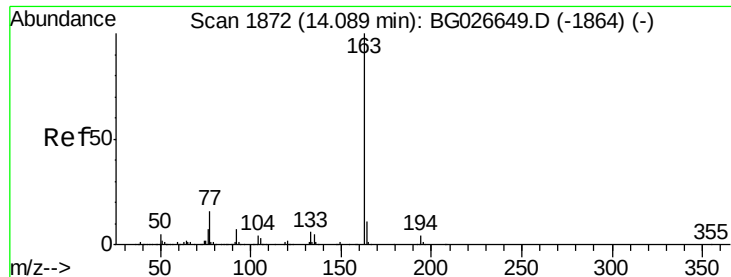
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	30.6	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 91.76 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.02 min
 Lab File: BG026659.D
 Acq: 19 Apr 2017 16:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	32.2	48.2
170	27.6	21.8	32.6





#49

Dimethylphthalate

Concen: 2.07 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.02 min

Lab File: BG026659.D

Acq: 19 Apr 2017 16:24

Instrument :

BNA_G

ClientSampleId :

VL-WWTP-001

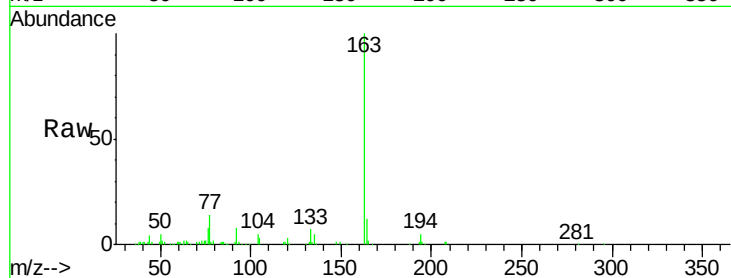
Tot Ion:163 Resp: 68060

Ion Ratio Lower Upper

163 100

194 4.8 3.8 5.6

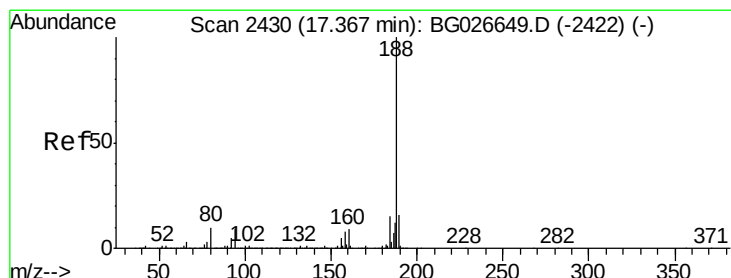
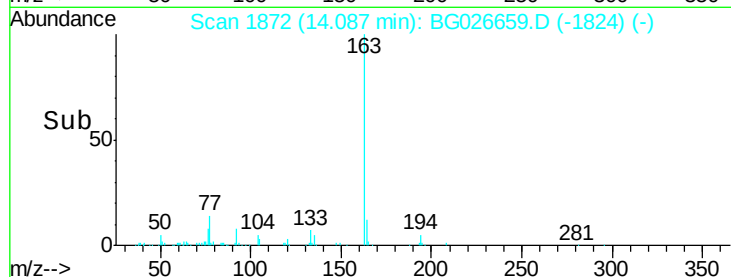
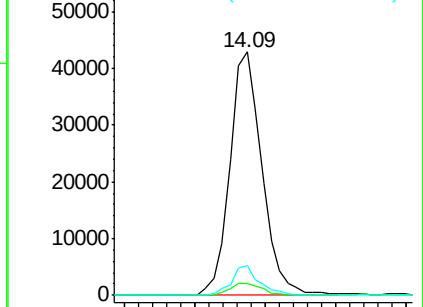
164 12.2 9.3 13.9



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: 20.00 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BG026659.D

Acq: 19 Apr 2017 16:24

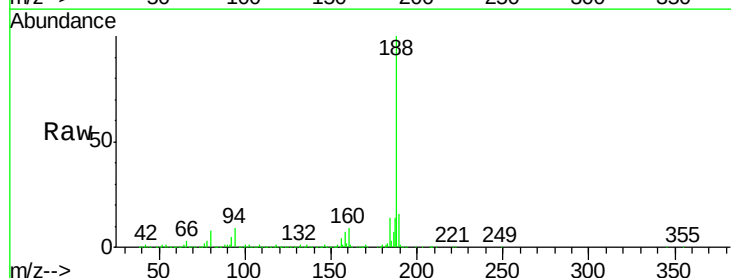
Tgt Ion:188 Resp: 1103363

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.8

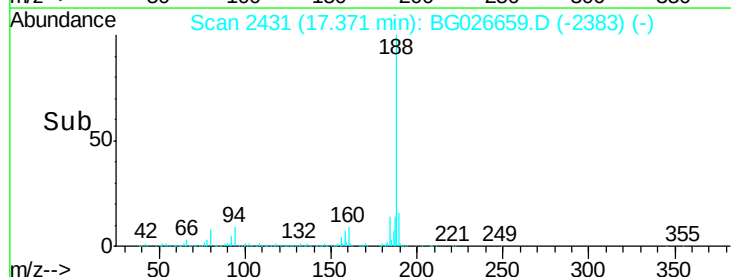
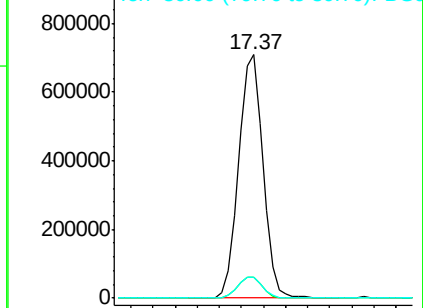
80 8.5 7.5 11.3

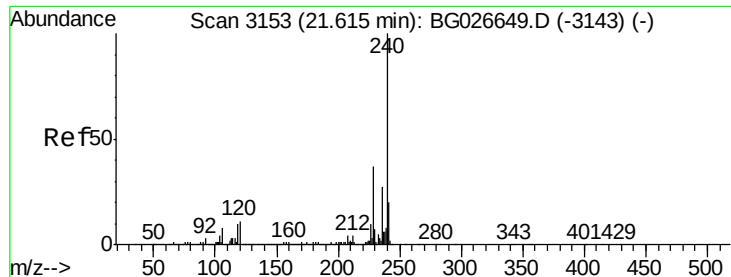


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026659.D

Acq: 19 Apr 2017 16:24

Instrument :

BNA_G

ClientSampleId :

VL-WWTP-001

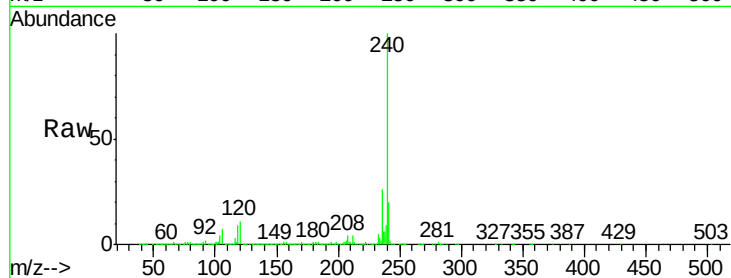
Tot Ion:240 Resp: 1302757

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

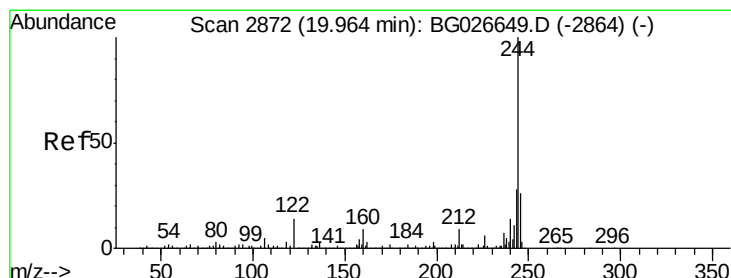
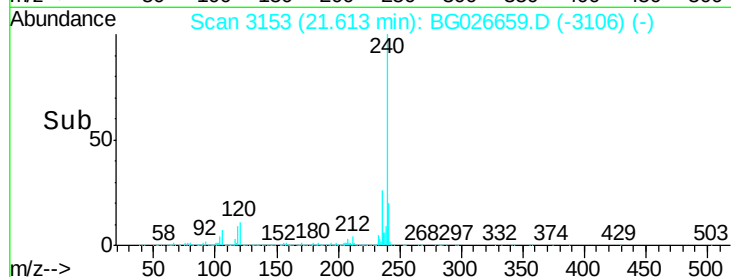
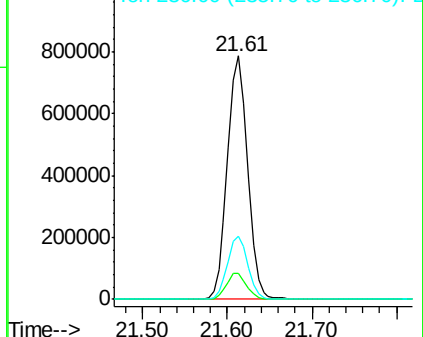
236 26.1 22.2 33.4



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: 87.51 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026659.D

Acq: 19 Apr 2017 16:24

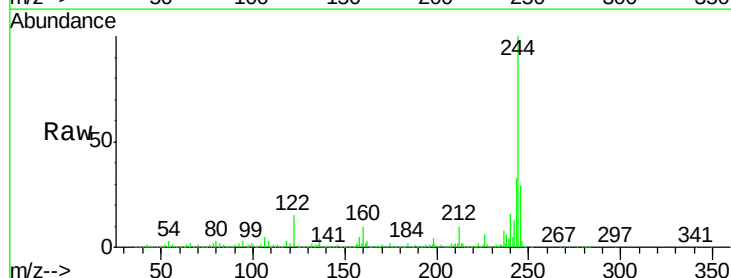
Tgt Ion:244 Resp: 3861584

Ion Ratio Lower Upper

244 100

212 10.4 10.0 15.0

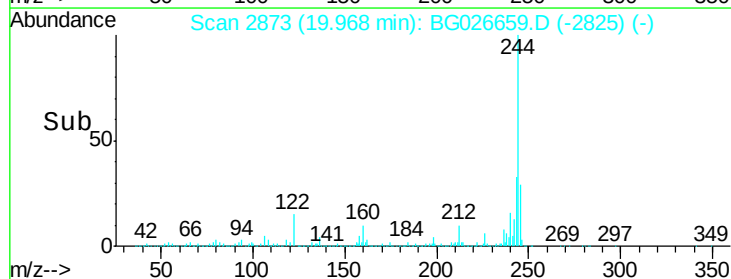
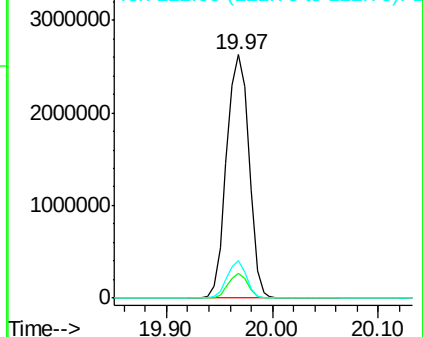
122 15.3 8.6 12.8#

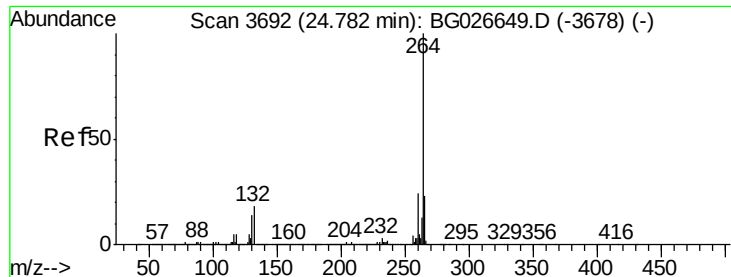


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



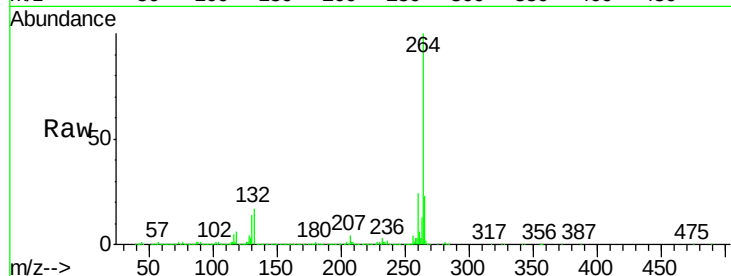


#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.04 min
Lab File: BG026659.D
Acq: 19 Apr 2017 16:24

Instrument :
BNA_G
ClientSampleId :
VL-WWTP-001

Tot Ion:264 Resp: 1249283

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	22.6	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

