

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022662.D
 Acq On : 28 Jun 2016 3:58
 Operator : UM/SJ
 Sample : H3606-05
 Misc : LOD-5PPM
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jun 28 07:51:12 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	131345	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	538042	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	401572	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1112274	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1304742	20.00	ng	0.00
86) Perylene-d12	25.20	264	1328653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	829142	101.25	ng	0.00
7) Phenol-d6	7.31	99	1227691	106.36	ng	0.00
23) Nitrobenzene-d5	9.33	82	844331	66.42	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	704662	111.57	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1684659	66.53	ng	0.00
78) Terphenyl-d14	20.15	244	2846709	57.81	ng	0.00

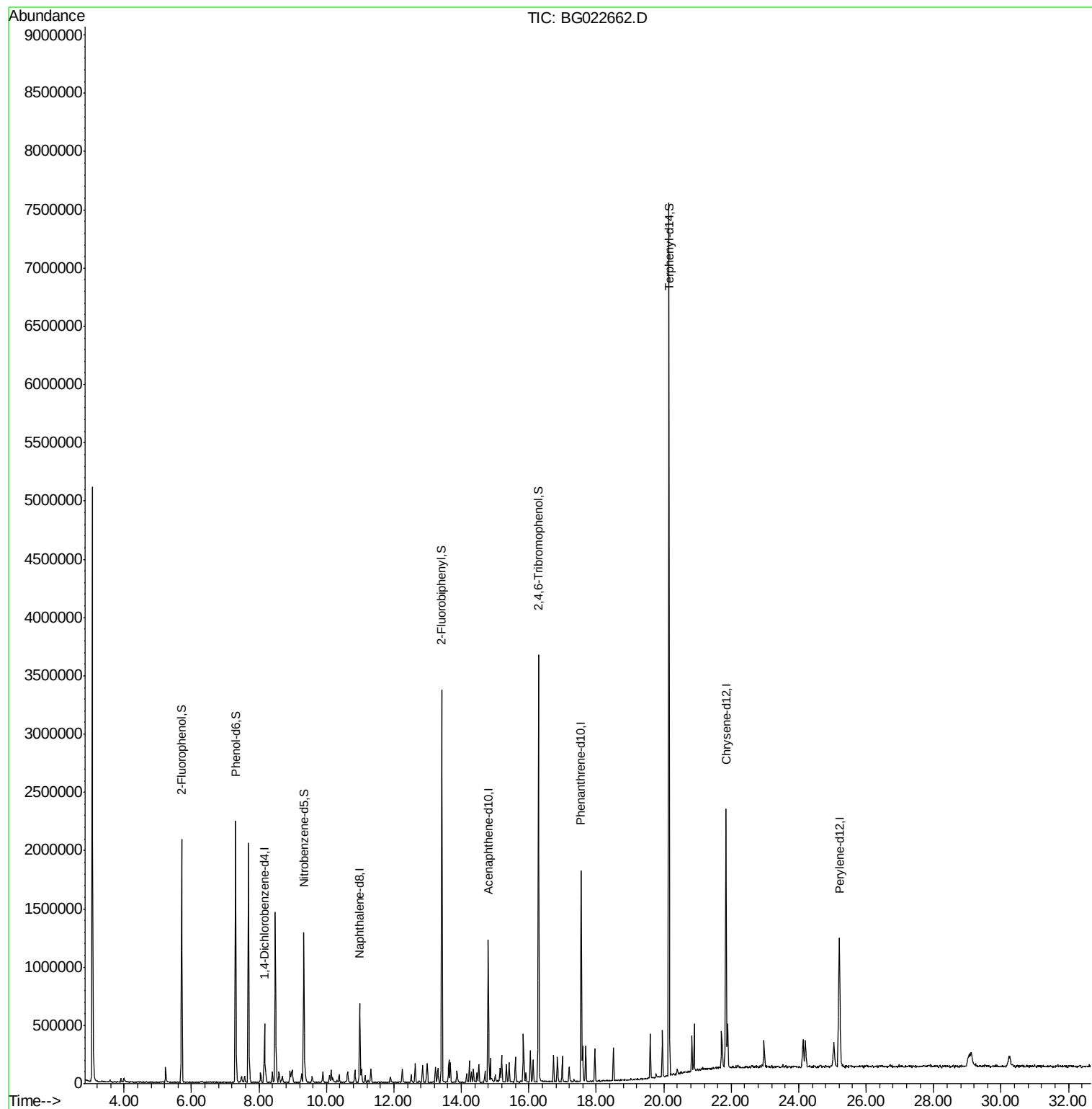
Target Compounds Qvalue

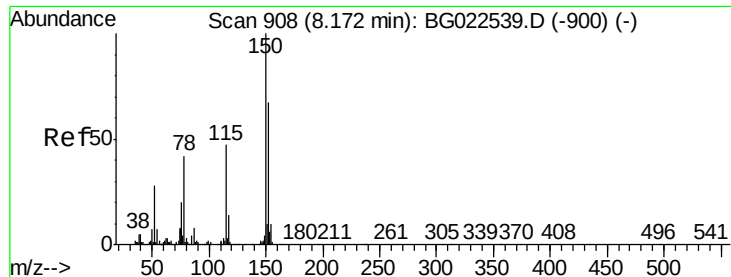
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG022662.D

Acq: 28 Jun 2016 3:58

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

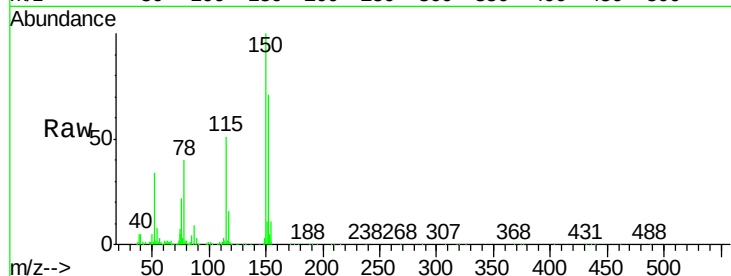
Tot Ion:152 Resp: 131345

Ion Ratio Lower Upper

152 100

150 140.4 144.7 217.1#

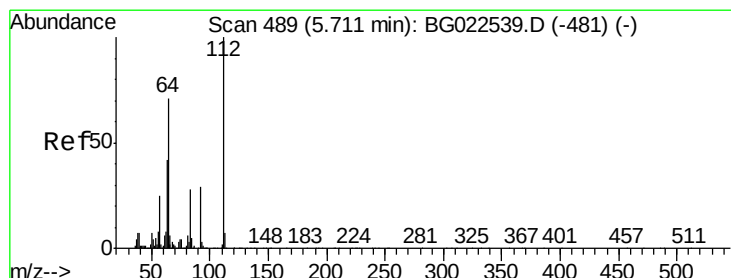
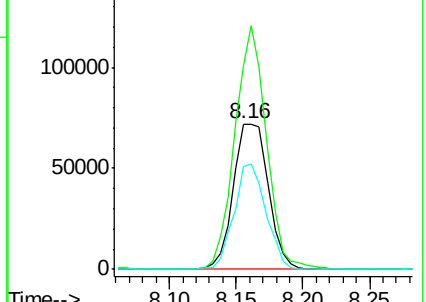
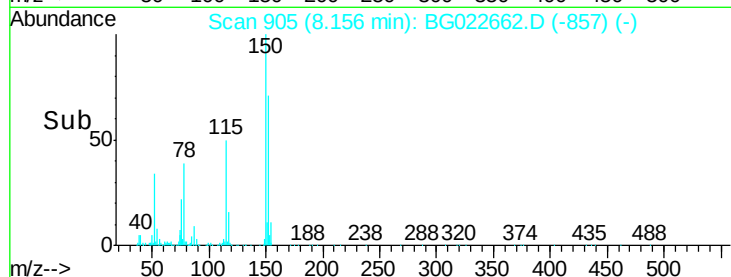
115 70.9 64.0 96.0



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: 101.25 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022662.D

Acq: 28 Jun 2016 3:58

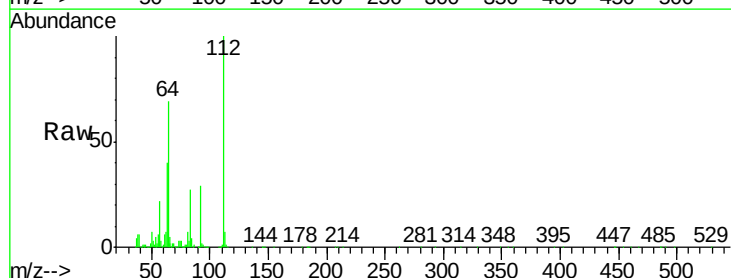
Tgt Ion:112 Resp: 829142

Ion Ratio Lower Upper

112 100

64 68.8 59.0 88.4

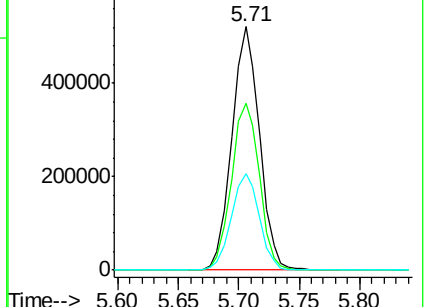
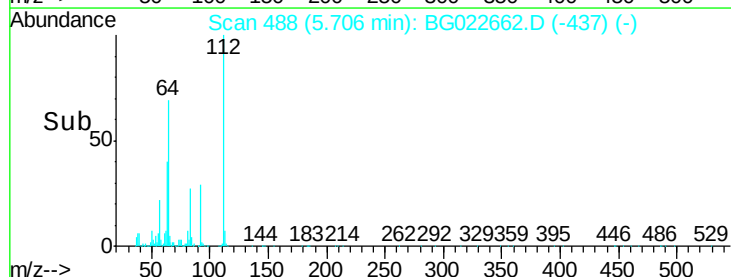
63 39.8 37.8 56.8

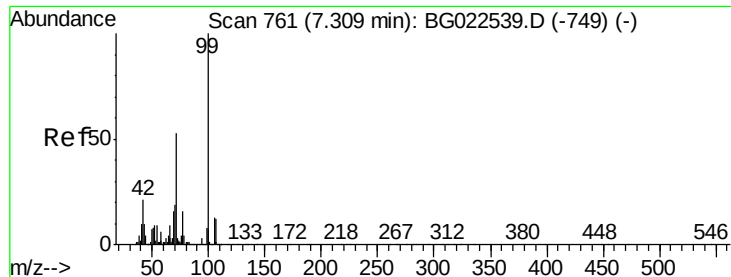


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.36 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022662.D

Acq: 28 Jun 2016 3:58

Instrument :

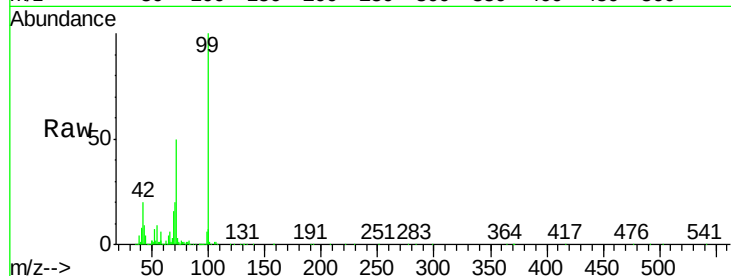
BNA_G

ClientSampleId :

LOD-WATER2016-01

Tot Ion: 99 Resp: 1227691

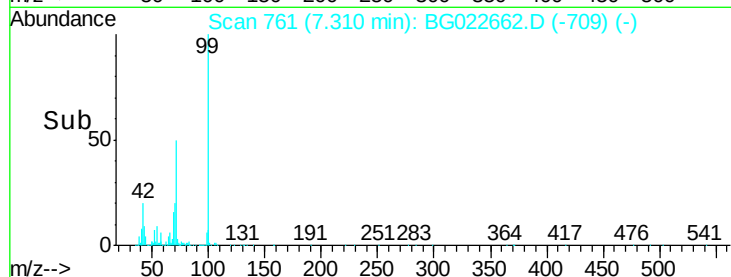
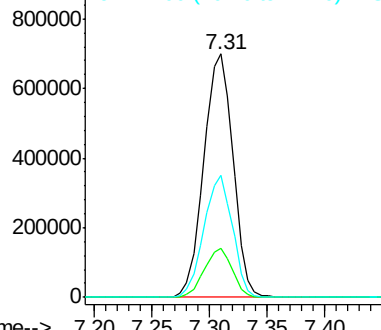
Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.8	26.6
71	50.1	41.5	62.3



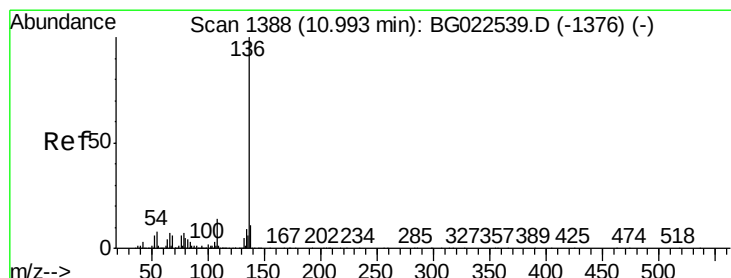
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

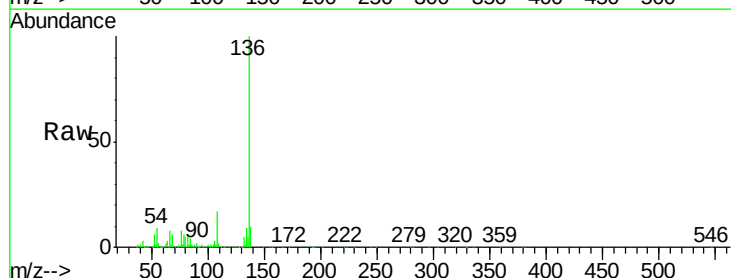
Delta R.T. -0.01 min

Lab File: BG022662.D

Acq: 28 Jun 2016 3:58

Tgt Ion: 136 Resp: 538042

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	9.0	7.3	10.9
68	5.7	5.3	7.9

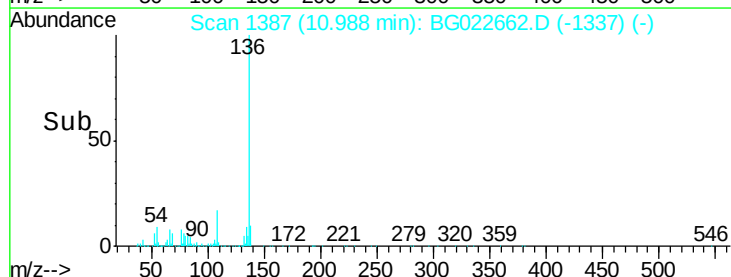
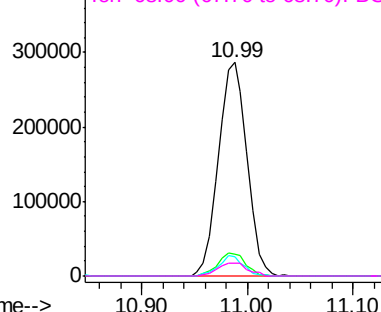


Abundance Ion 136.00 (135.70 to 136.70): BGC

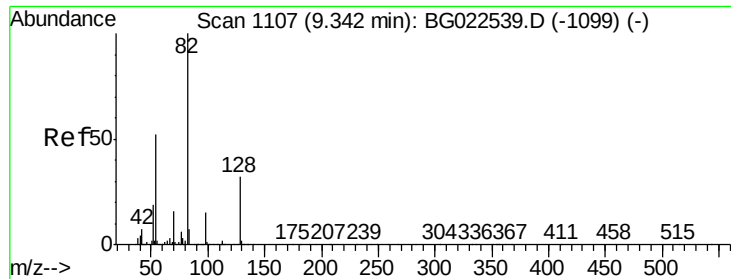
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



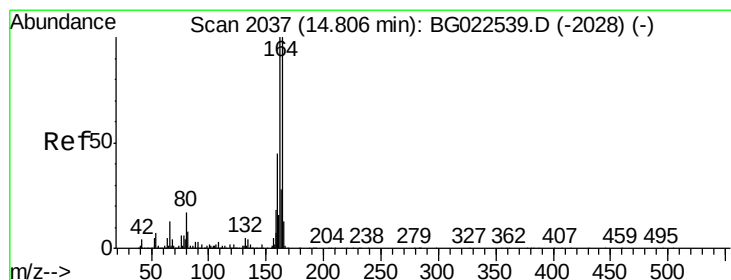
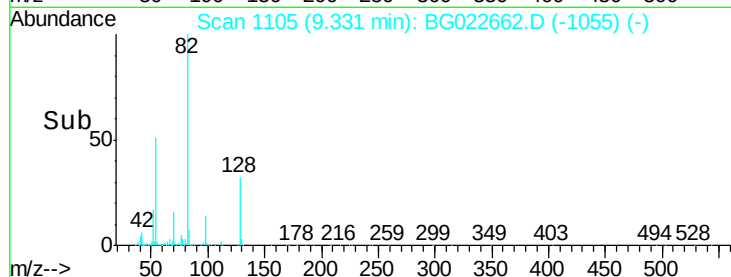
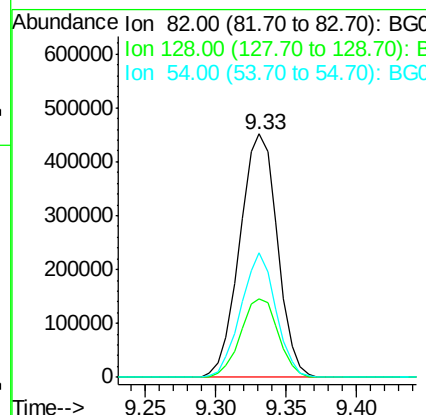
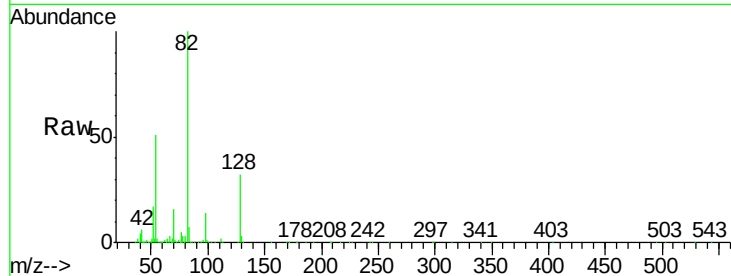
Time-->



#23
Nitrobenzene-d5
Concen: 66.42 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022662.D
Acq: 28 Jun 2016 3:58

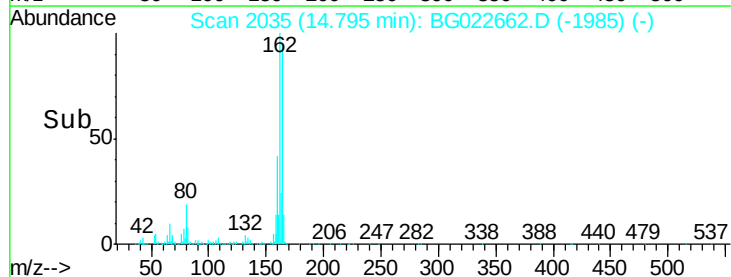
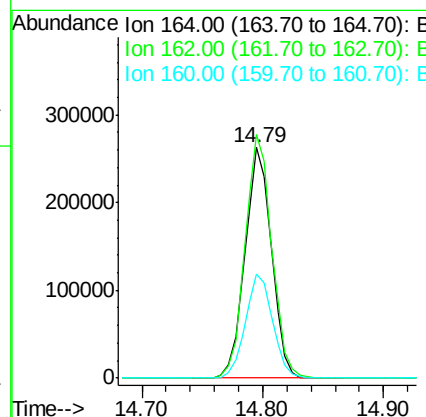
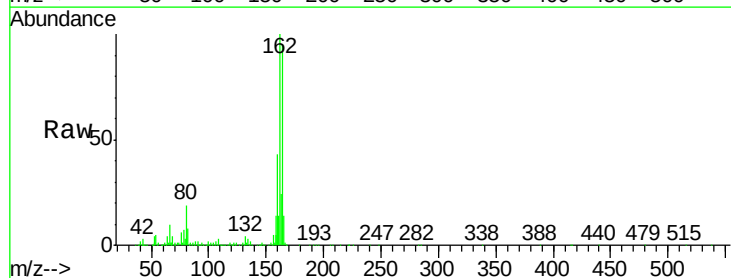
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

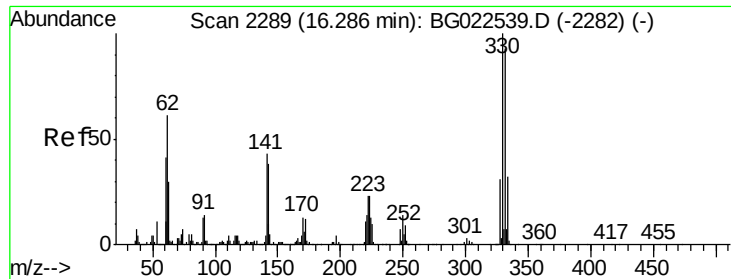
Tot Ion: 82 Resp: 844331
Ion Ratio Lower Upper
82 100
128 32.5 24.4 36.6
54 51.2 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG022662.D
Acq: 28 Jun 2016 3:58

Tgt Ion: 164 Resp: 401572
Ion Ratio Lower Upper
164 100
162 105.7 87.7 131.5
160 44.9 37.2 55.8

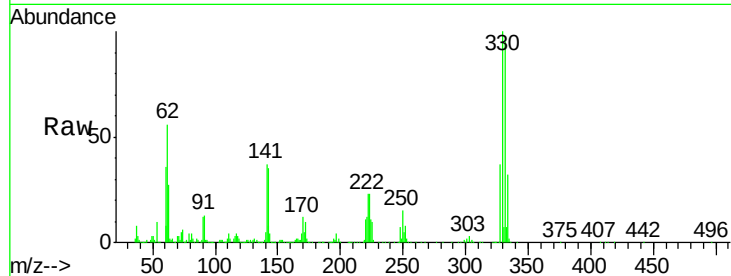




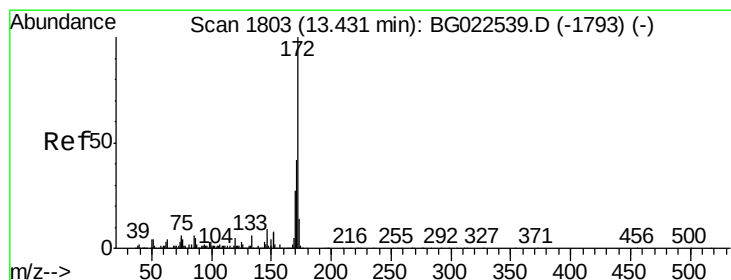
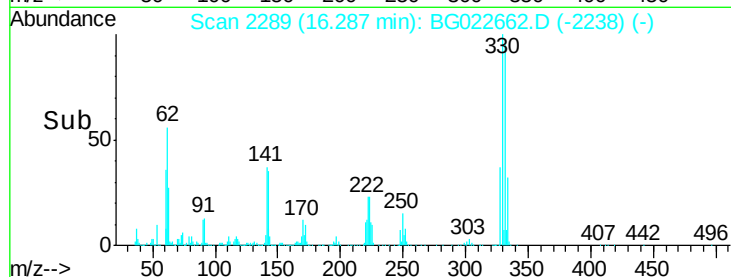
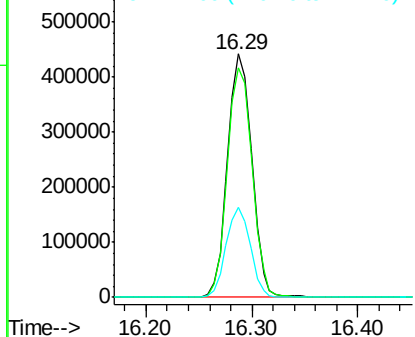
#41
 2,4,6-Tribromophenol
 Concen: 111.57 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BG022662.D
 Acq: 28 Jun 2016 3:58

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	36.9	31.7	47.5

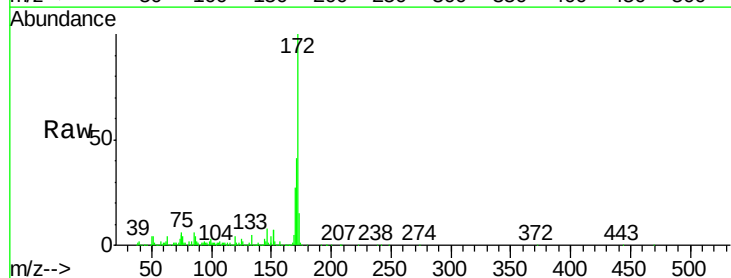


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

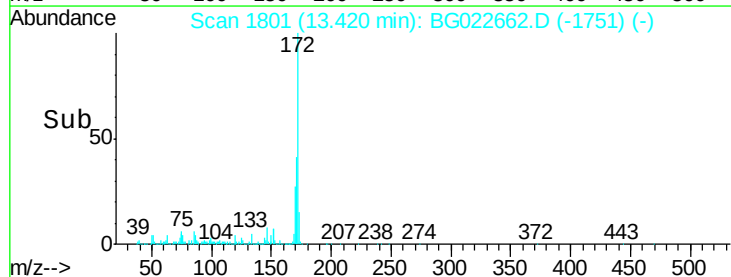
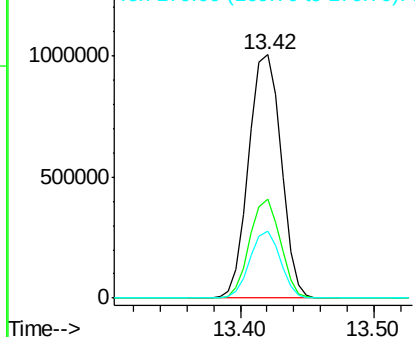


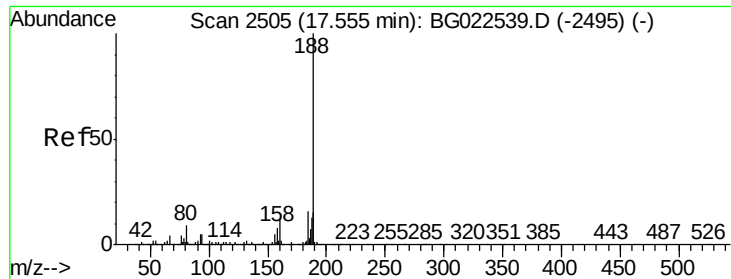
#44
 2-Fluorobiphenyl
 Concen: 66.53 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022662.D
 Acq: 28 Jun 2016 3:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.9	31.6	47.4
170	27.5	21.3	31.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022662.D

Acq: 28 Jun 2016 3:58

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

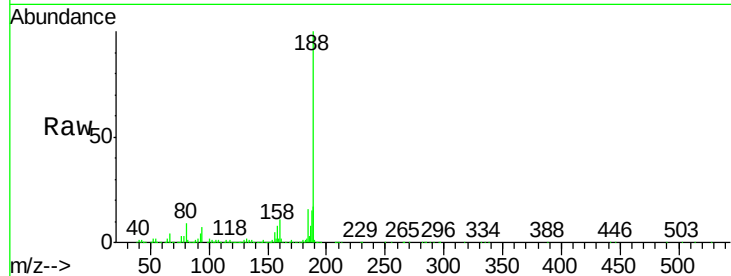
Tot Ion:188 Resp: 1112274

Ion Ratio Lower Upper

188 100

94 6.9 5.2 7.8

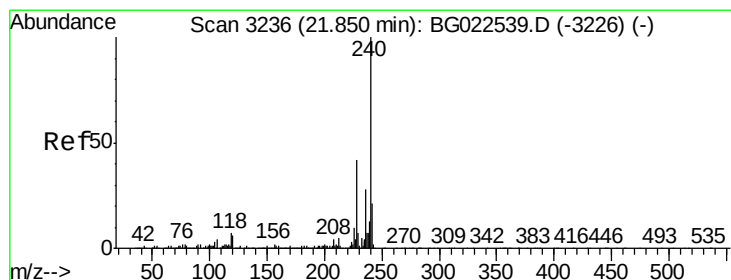
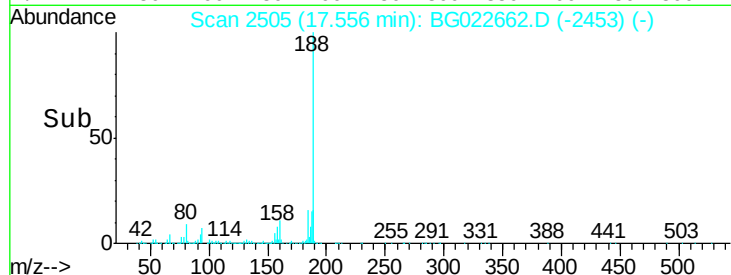
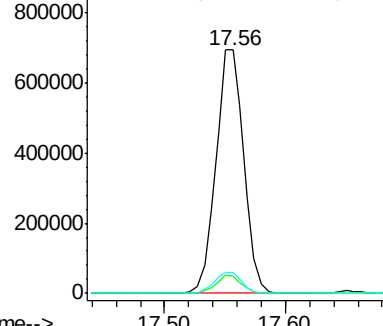
80 8.5 7.2 10.8



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: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022662.D

Acq: 28 Jun 2016 3:58

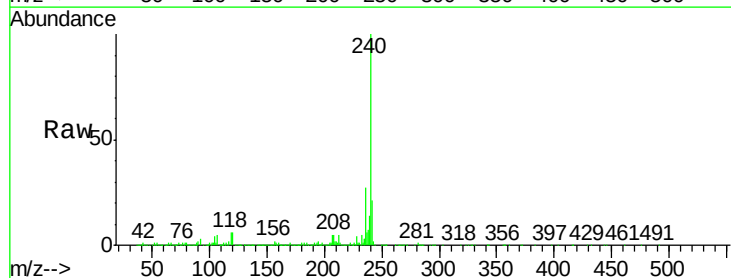
Tgt Ion:240 Resp: 1304742

Ion Ratio Lower Upper

240 100

120 6.0 4.1 6.1

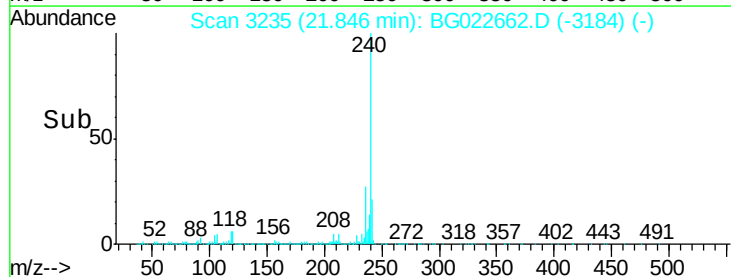
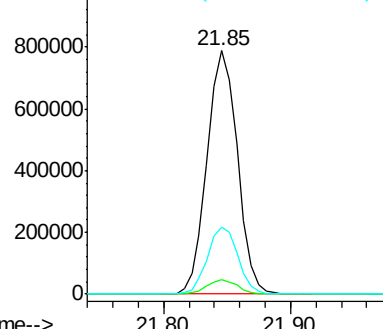
236 27.5 21.1 31.7

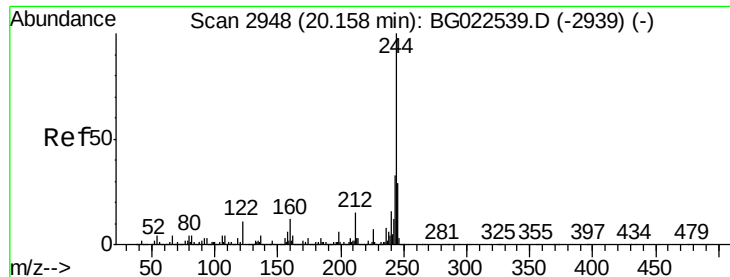


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.81 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022662.D

Acq: 28 Jun 2016 3:58

Instrument :

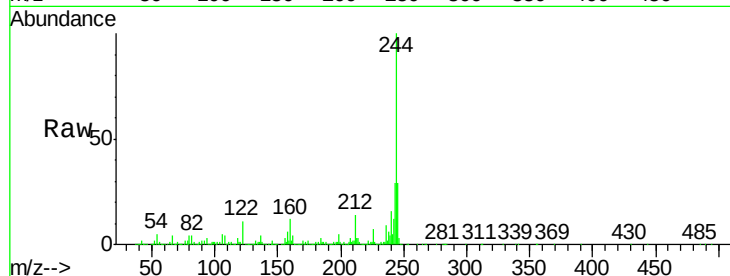
BNA_G

ClientSampleId :

LOD-WATER2016-01

Tot Ion:244 Resp: 2846709

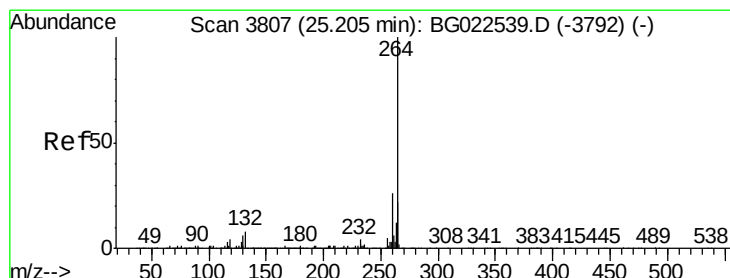
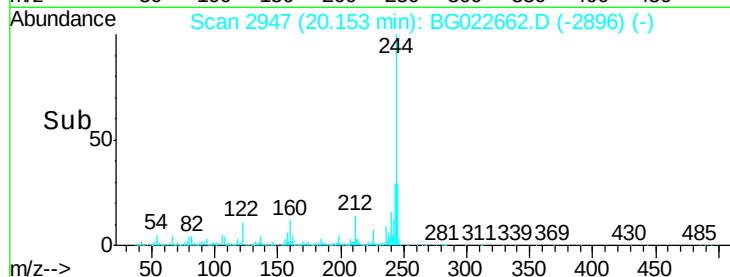
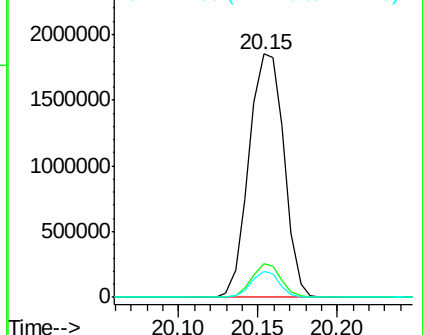
Ion	Ratio	Lower	Upper
244	100		
212	13.6	10.8	16.2
122	10.7	8.0	12.0



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: 20.00 ng

RT: 25.20 min Scan# 3806

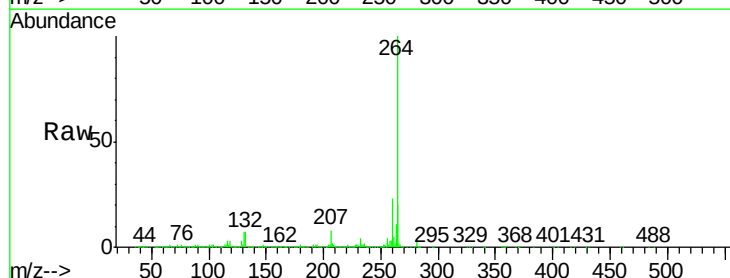
Delta R.T. -0.01 min

Lab File: BG022662.D

Acq: 28 Jun 2016 3:58

Tgt Ion:264 Resp: 1328653

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	20.3	18.9	28.3



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

