

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022664.D
 Acq On : 28 Jun 2016 5:18
 Operator : UM/SJ
 Sample : H3606-05
 Misc : LOD-8PPM
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jun 28 07:58:47 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	132892	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	564567	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	422429	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1138242	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1316956	20.00	ng	0.00
86) Perylene-d12	25.20	264	1347373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	923328	111.44	ng	0.00
7) Phenol-d6	7.31	99	1331876	114.05	ng	0.00
23) Nitrobenzene-d5	9.33	82	929804	69.70	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	762324	114.74	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1820674	68.35	ng	0.00
78) Terphenyl-d14	20.16	244	3020464	60.76	ng	0.00

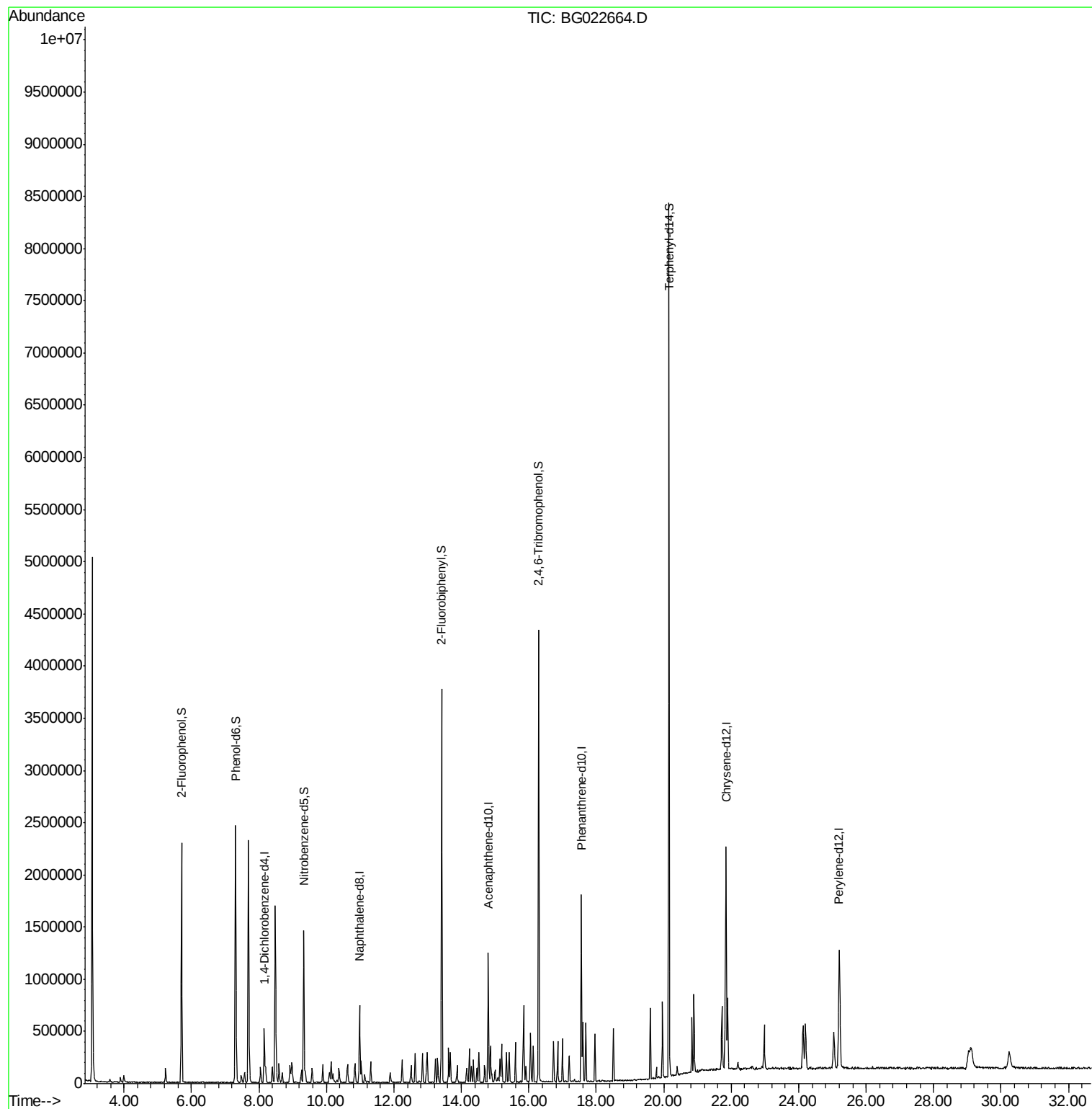
Target Compounds Qvalue

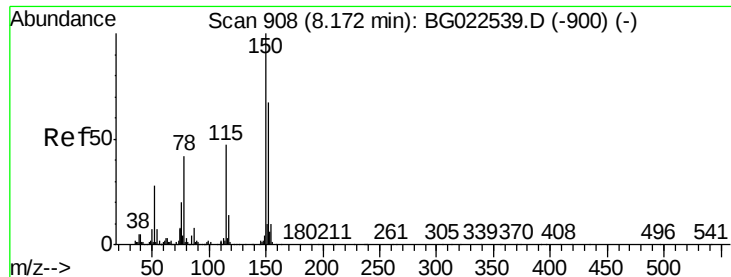
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG022664.D

Acq: 28 Jun 2016 5:18

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

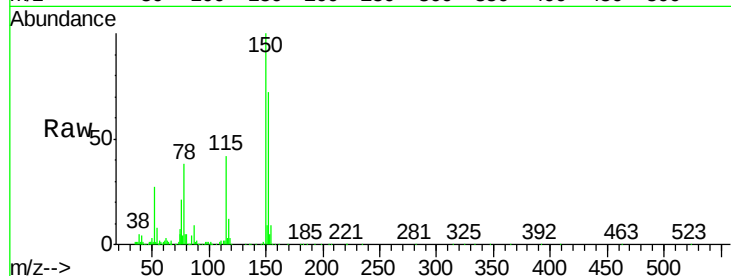
Tot Ion:152 Resp: 132892

Ion Ratio Lower Upper

152 100

150 139.7 144.7 217.1#

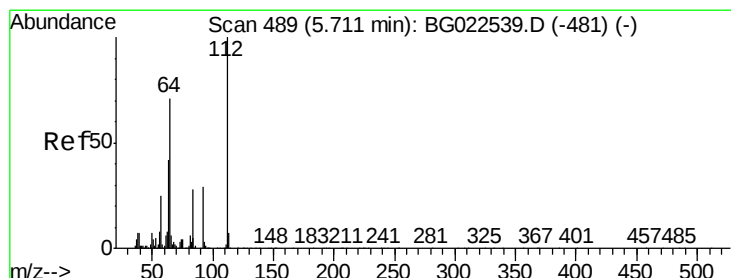
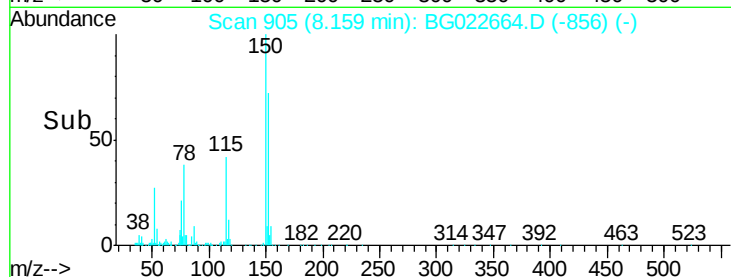
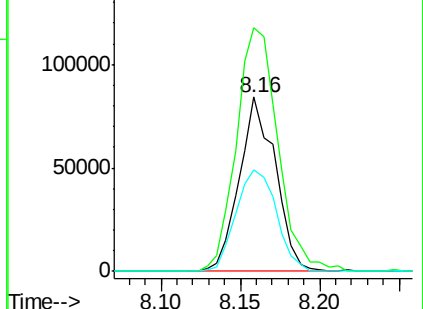
115 58.2 64.0 96.0#



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: 111.44 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG022664.D

Acq: 28 Jun 2016 5:18

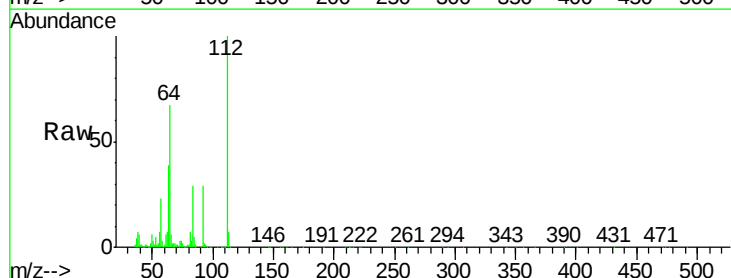
Tgt Ion:112 Resp: 923328

Ion Ratio Lower Upper

112 100

64 67.4 59.0 88.4

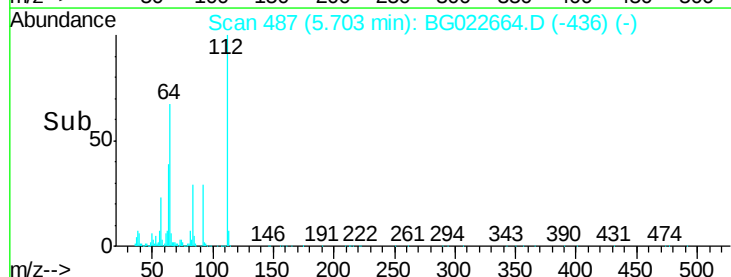
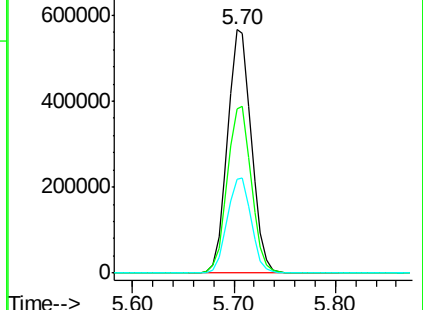
63 38.6 37.8 56.8

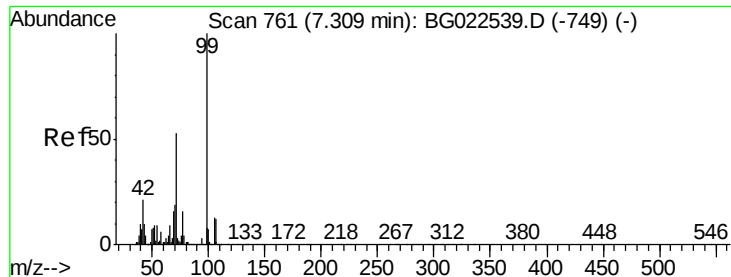


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 114.05 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022664.D

Acq: 28 Jun 2016 5:18

Instrument :

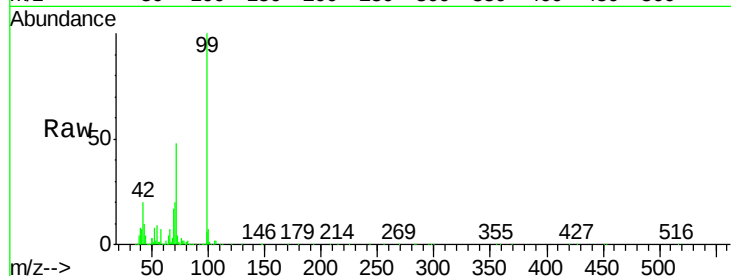
BNA_G

ClientSampleId :

LOD-WATER2016-01

Tot Ion: 99 Resp: 1331876

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.8	26.6
71	47.7	41.5	62.3

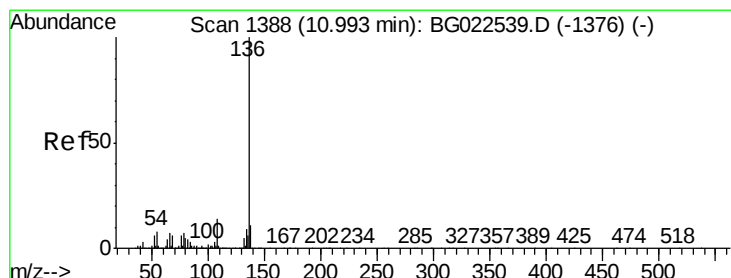
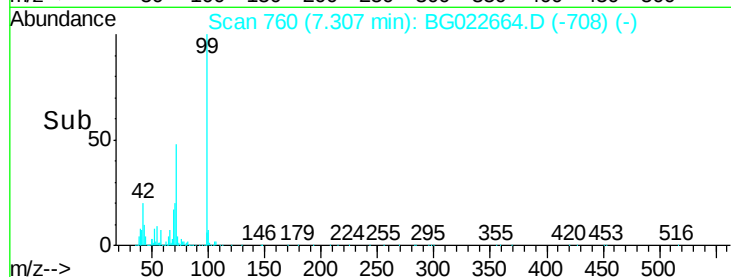
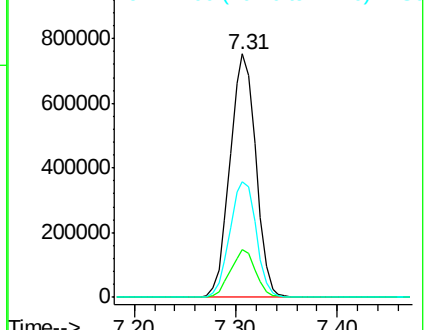


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

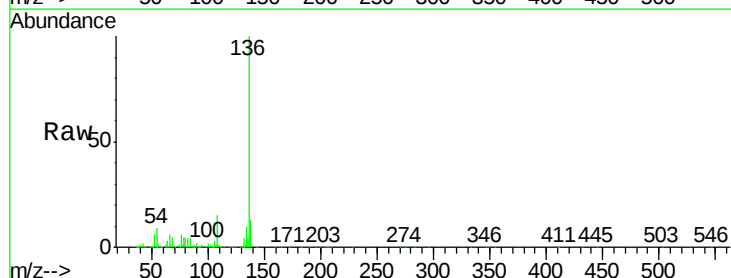
Delta R.T. -0.01 min

Lab File: BG022664.D

Acq: 28 Jun 2016 5:18

Tgt Ion: 136 Resp: 564567

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	8.7	7.3	10.9
68	5.1	5.3	7.9#



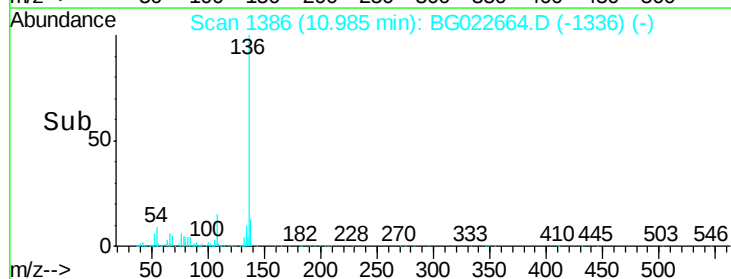
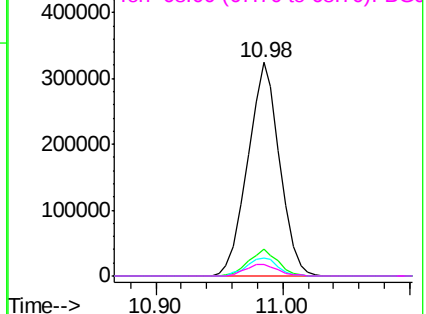
Abundance

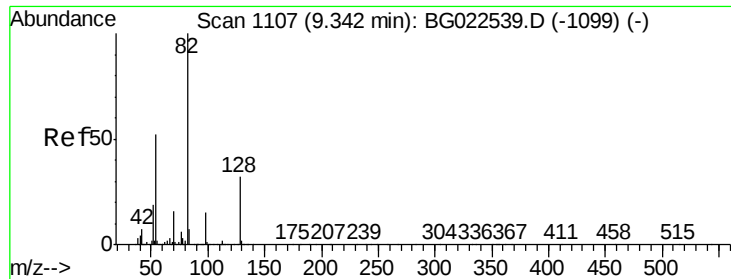
Ion 136.00 (135.70 to 136.70): BGC

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

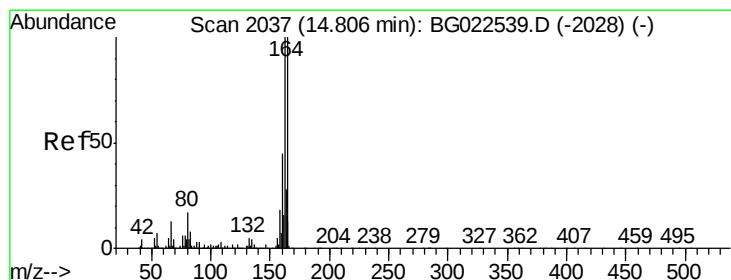
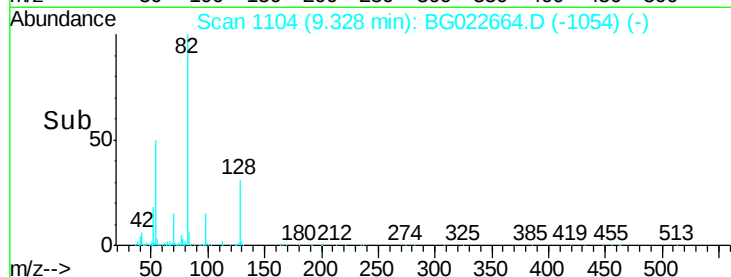
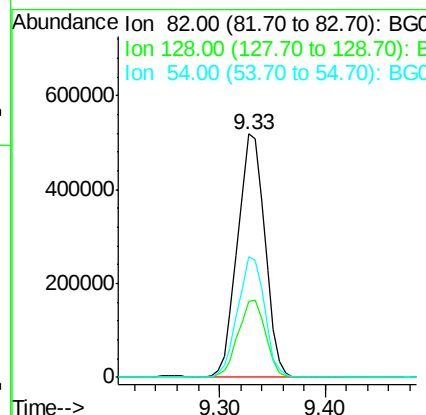
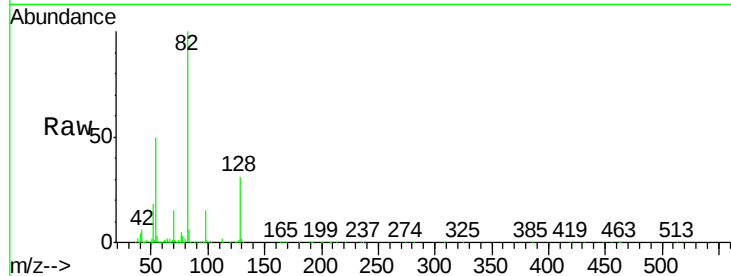




#23
Nitrobenzene-d5
Concen: 69.70 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022664.D
Acq: 28 Jun 2016 5:18

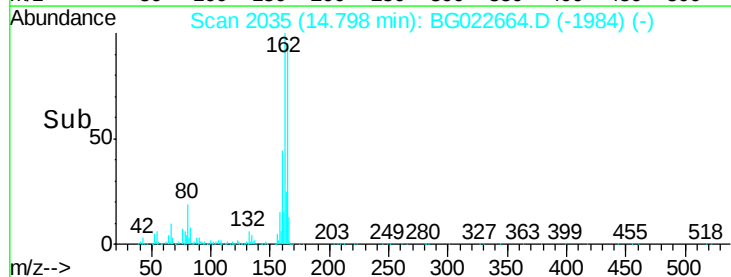
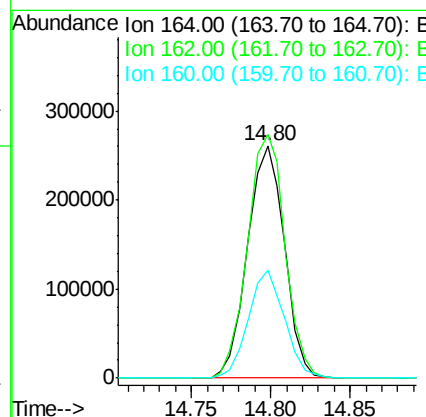
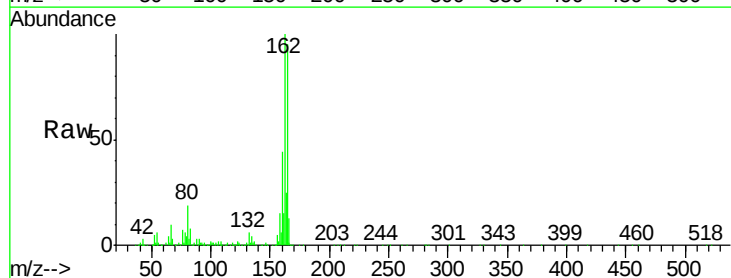
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

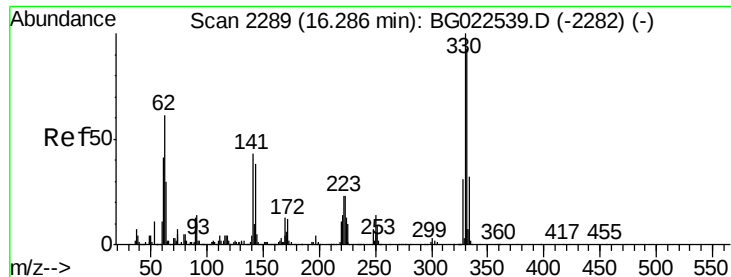
Tot Ion: 82 Resp: 929804
Ion Ratio Lower Upper
82 100
128 31.4 24.4 36.6
54 49.7 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022664.D
Acq: 28 Jun 2016 5:18

Tgt Ion: 164 Resp: 422429
Ion Ratio Lower Upper
164 100
162 104.7 87.7 131.5
160 46.6 37.2 55.8

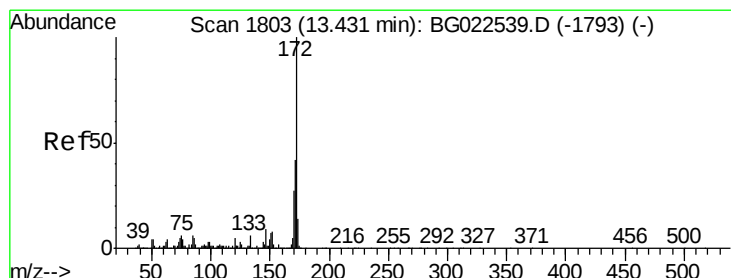
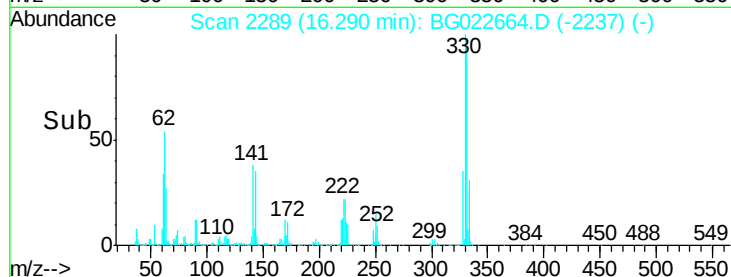
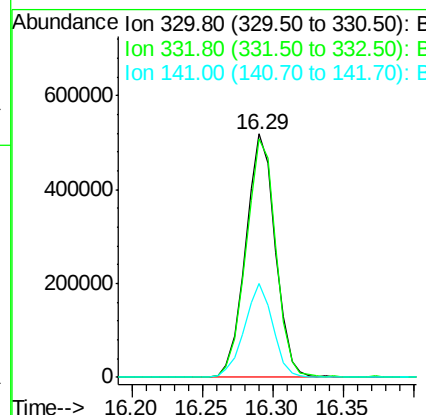
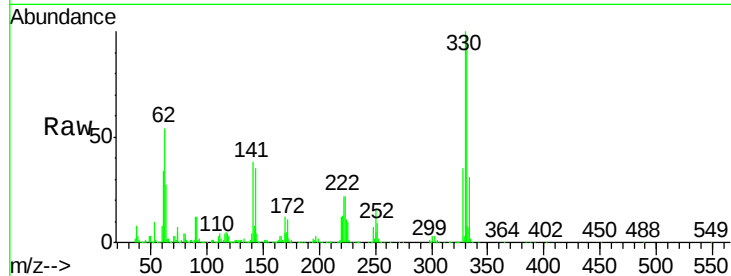




#41
2,4,6-Tribromophenol
Concen: 114.74 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG022664.D
Acq: 28 Jun 2016 5:18

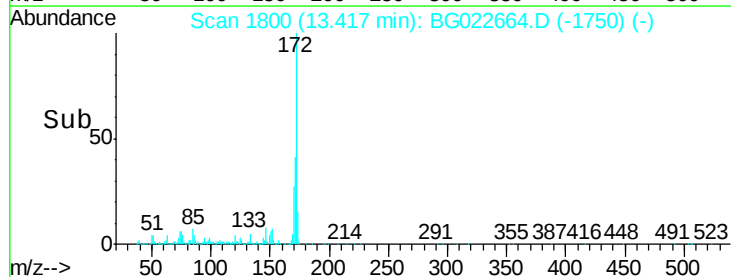
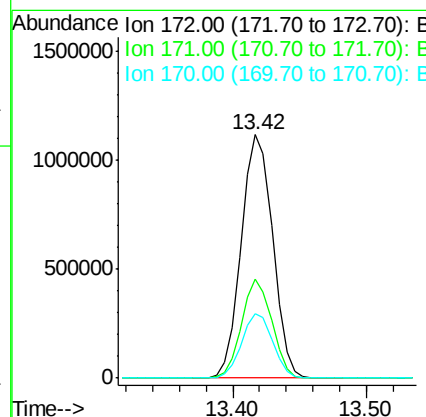
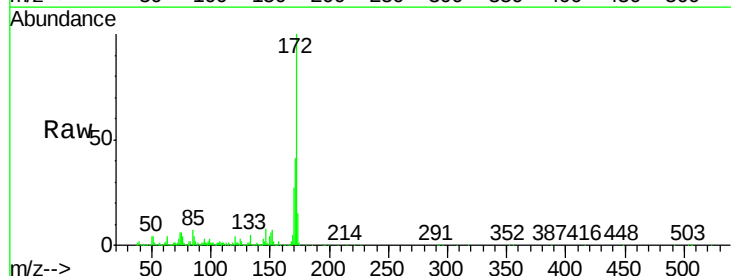
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

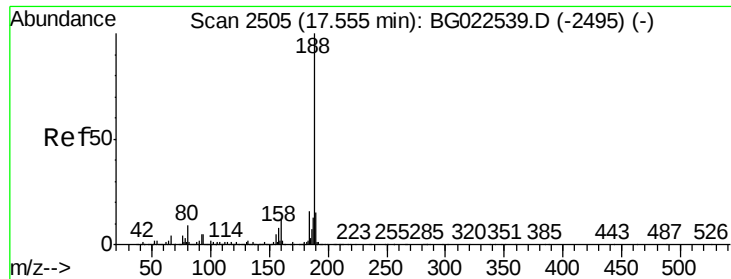
Tot Ion:330 Resp: 762324
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.2
141 37.1 31.7 47.5



#44
2-Fluorobiphenyl
Concen: 68.35 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022664.D
Acq: 28 Jun 2016 5:18

Tgt Ion:172 Resp: 1820674
Ion Ratio Lower Upper
172 100
171 40.7 31.6 47.4
170 26.6 21.3 31.9

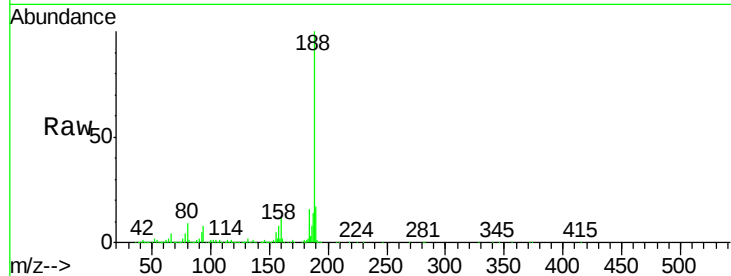




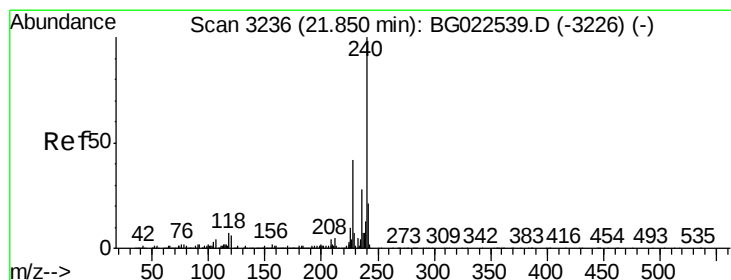
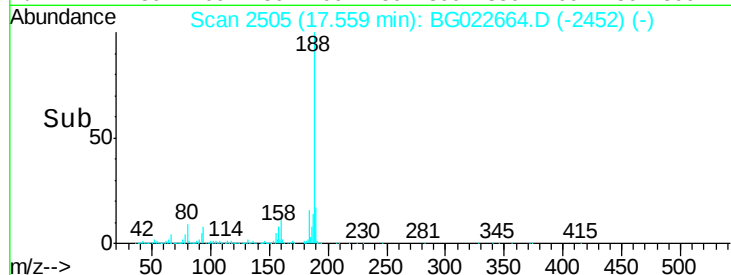
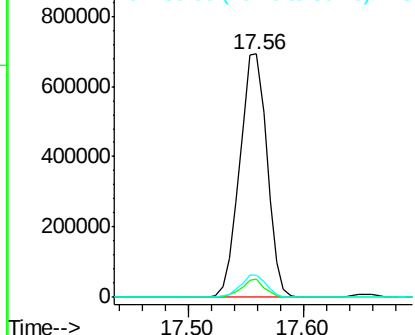
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022664.D
Acq: 28 Jun 2016 5:18

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tot Ion:188 Resp: 1138242
Ion Ratio Lower Upper
188 100
94 7.5 5.2 7.8
80 9.3 7.2 10.8

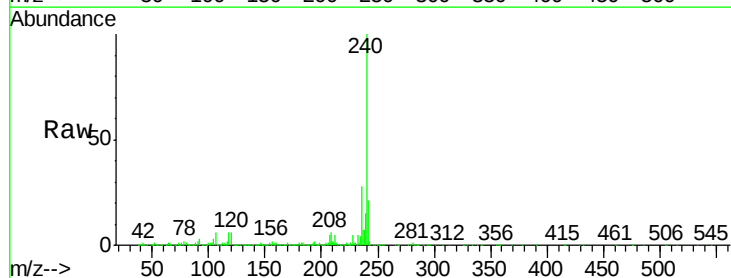


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

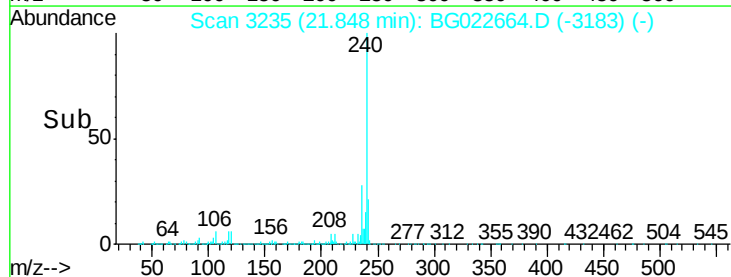
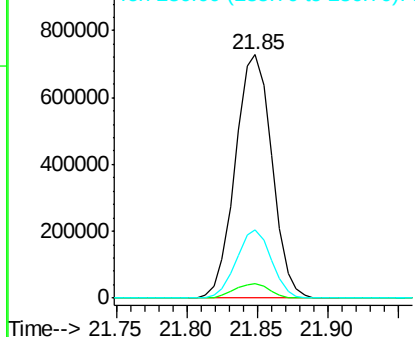


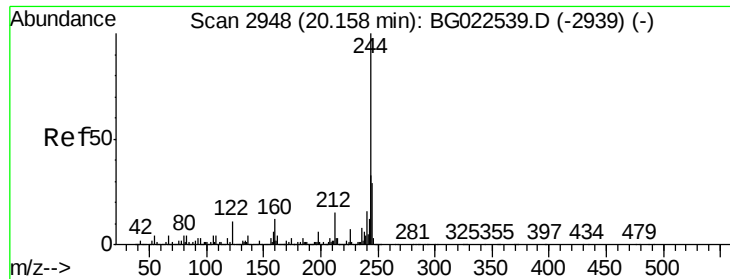
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022664.D
Acq: 28 Jun 2016 5:18

Tgt Ion:240 Resp: 1316956
Ion Ratio Lower Upper
240 100
120 6.1 4.1 6.1
236 28.2 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: 60.76 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022664.D

Acq: 28 Jun 2016 5:18

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

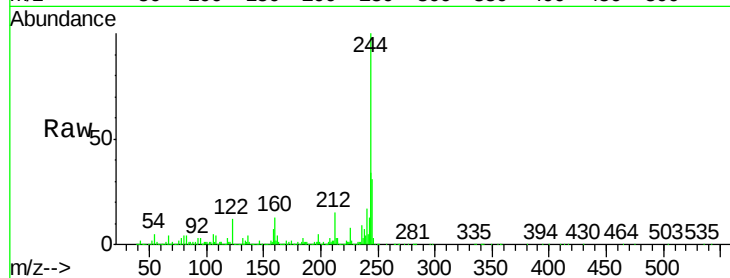
Tot Ion:244 Resp: 3020464

Ion Ratio Lower Upper

244 100

212 14.8 10.8 16.2

122 11.8 8.0 12.0



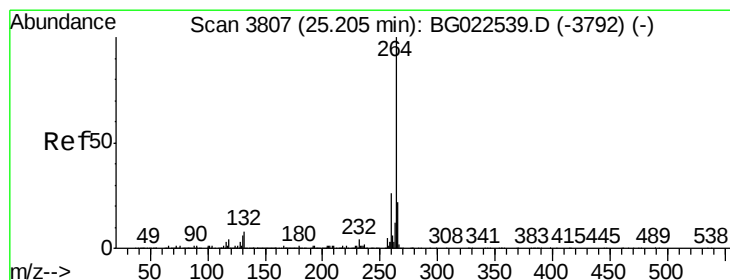
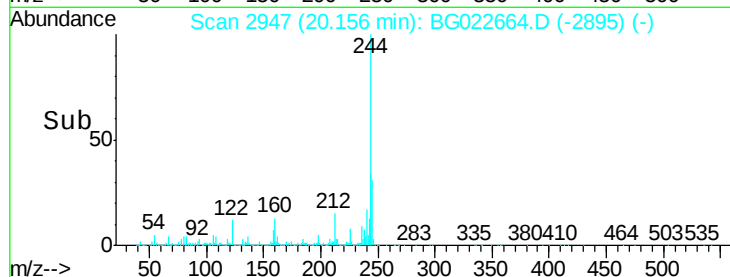
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.16

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

Delta R.T. -0.00 min

Lab File: BG022664.D

Acq: 28 Jun 2016 5:18

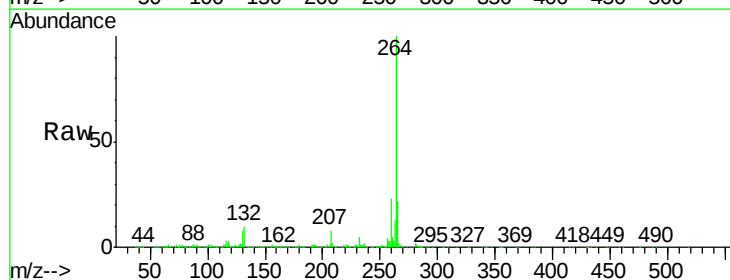
Tgt Ion:264 Resp: 1347373

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.7 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

25.20

Time-->

