

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062716\
 Data File : BG022658.D
 Acq On : 28 Jun 2016 1:18
 Operator : UM/SJ
 Sample : H3606-05
 Misc : LOD-1PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Jun 28 04:31:10 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

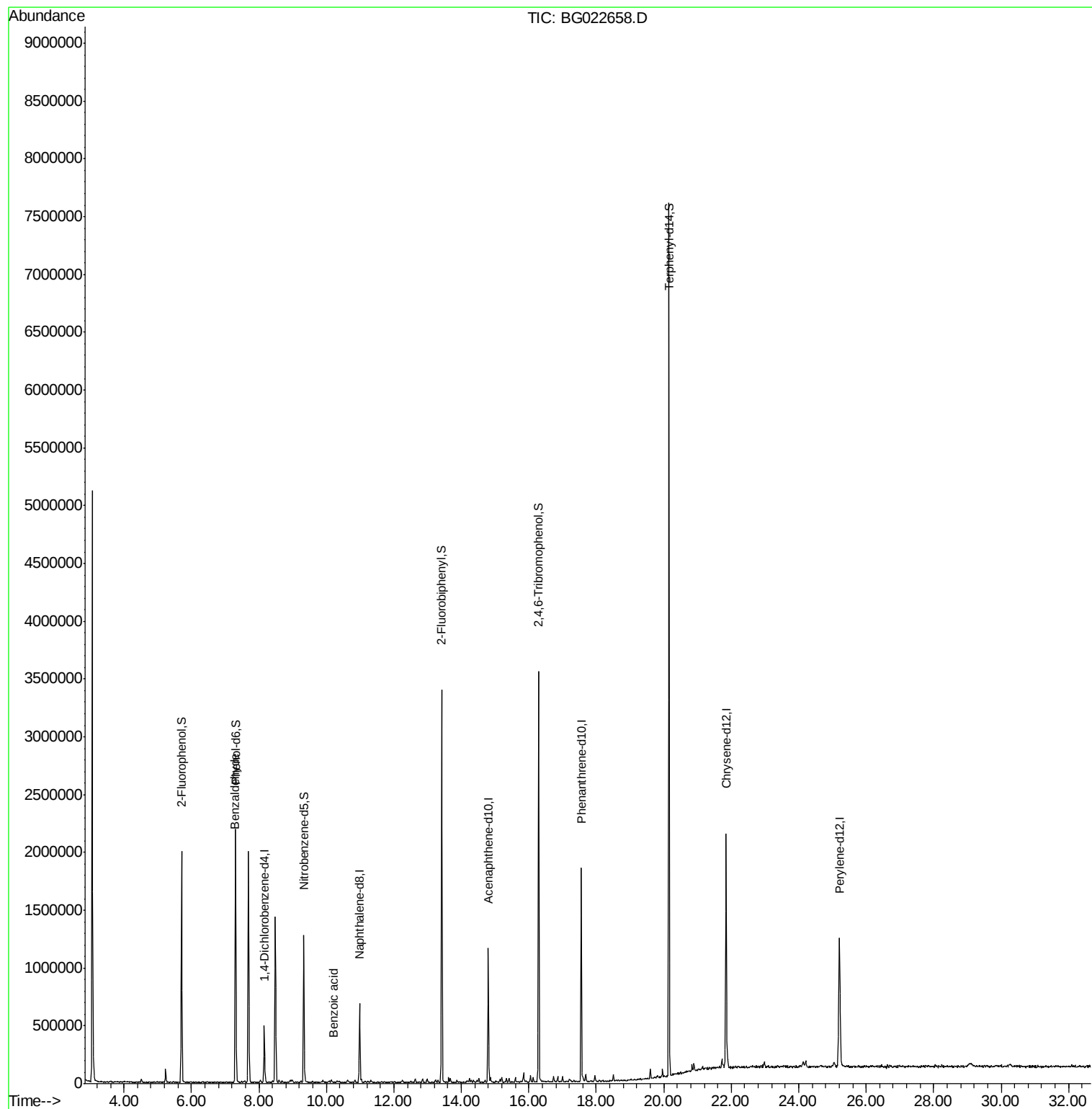
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	127964	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	540094	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	402897	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1106536	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1294304	20.00	ng	0.00
86) Perylene-d12	25.21	264	1313161	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	810144	101.55	ng	0.00
7) Phenol-d6	7.31	99	1195823	106.34	ng	0.00
23) Nitrobenzene-d5	9.33	82	813600	63.76	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	696123	109.85	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1640611	64.58	ng	0.00
78) Terphenyl-d14	20.16	244	2834458	58.02	ng	0.00
Target Compounds						
9) Benzaldehyde	7.29	77	9593	2.42	ng	# 76
32) Benzoic acid	10.20	122	669	5.21	ng	# 45

(#) = 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: BG022658.D

Acq: 28 Jun 2016 1:18

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

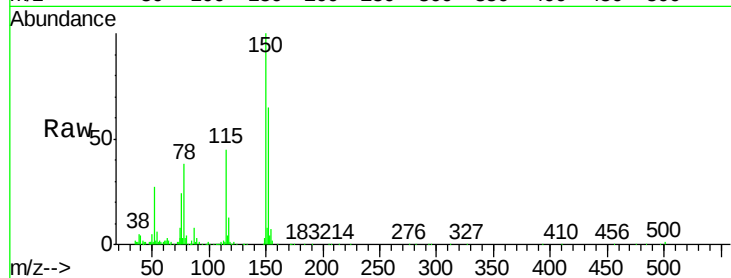
Tgt Ion:152 Resp: 127964

Ion Ratio Lower Upper

152 100

150 154.1 144.7 217.1

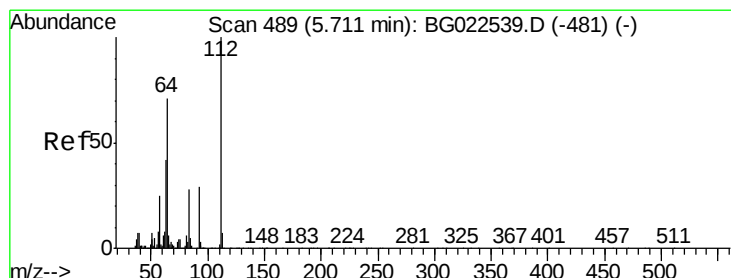
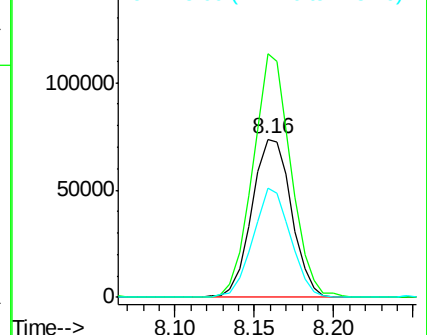
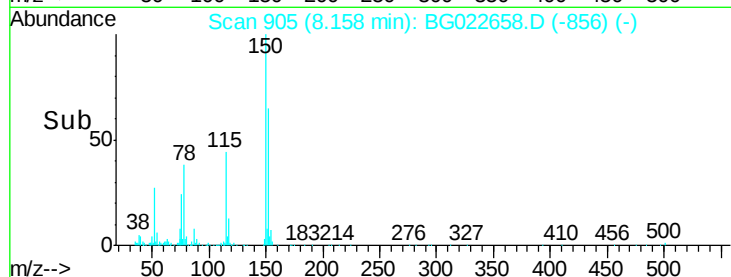
115 69.2 64.0 96.0



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: 101.55 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022658.D

Acq: 28 Jun 2016 1:18

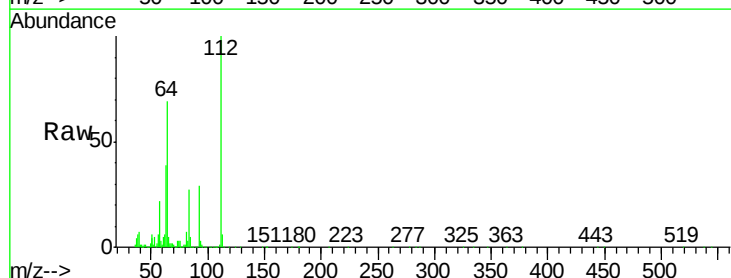
Tgt Ion:112 Resp: 810144

Ion Ratio Lower Upper

112 100

64 68.8 59.0 88.4

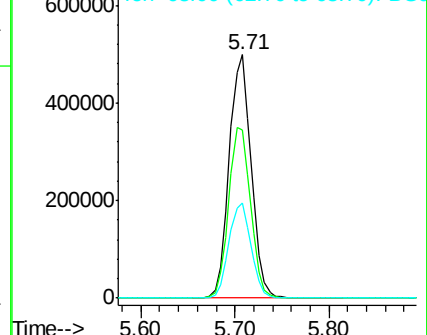
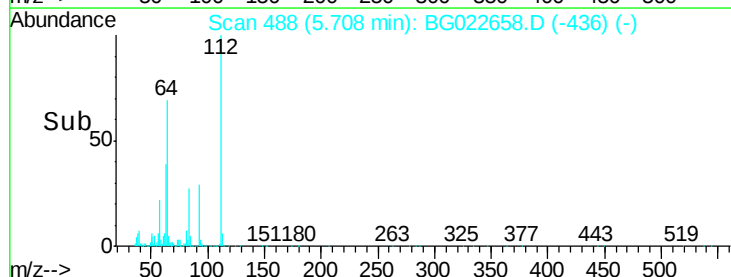
63 39.1 37.8 56.8



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: 106.34 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022658.D

Acq: 28 Jun 2016 1:18

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

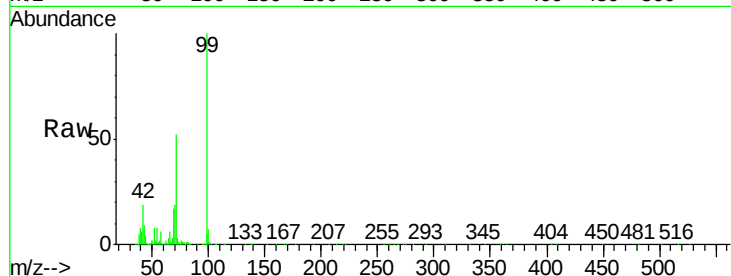
Tgt Ion: 99 Resp: 1195823

Ion Ratio Lower Upper

99 100

42 18.6 17.8 26.6

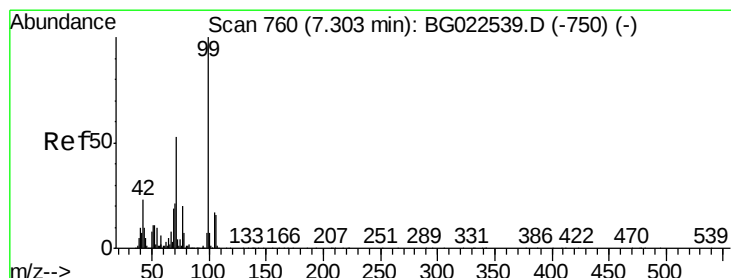
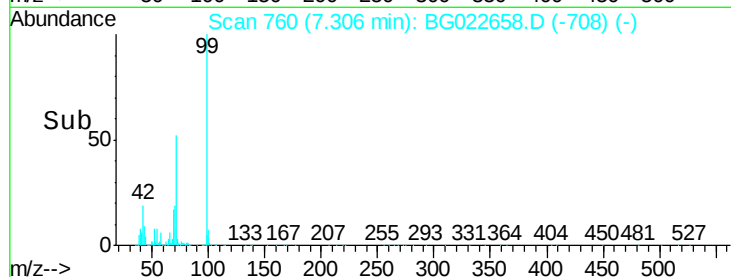
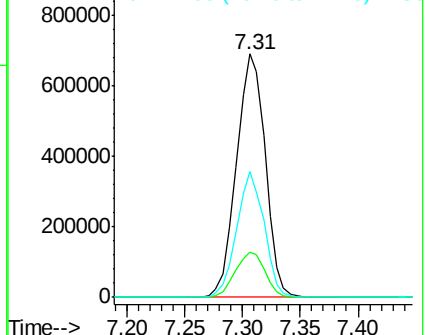
71 51.8 41.5 62.3



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



#9

Benzaldehyde

Concen: 2.42 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG022658.D

Acq: 28 Jun 2016 1:18

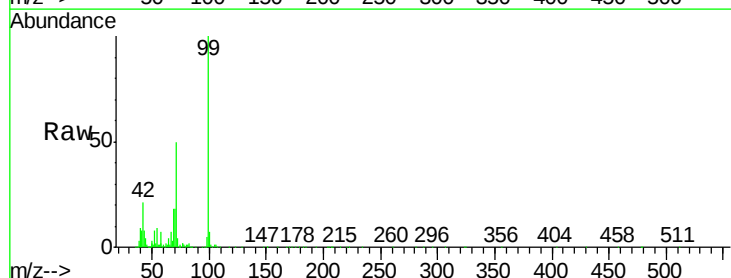
Tgt Ion: 77 Resp: 9593

Ion Ratio Lower Upper

77 100

105 64.2 58.7 98.7

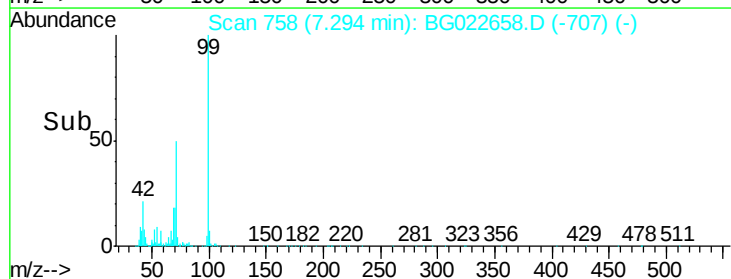
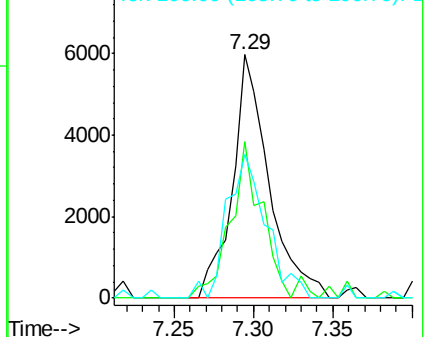
106 59.2 67.5 107.5#

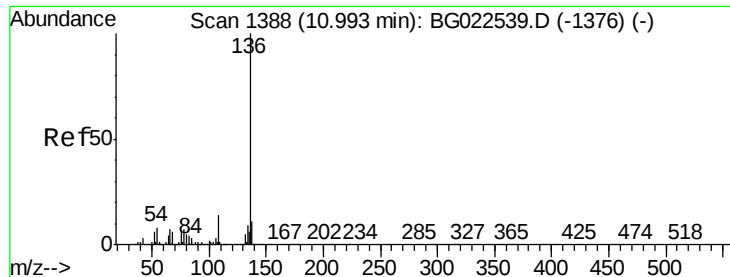


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

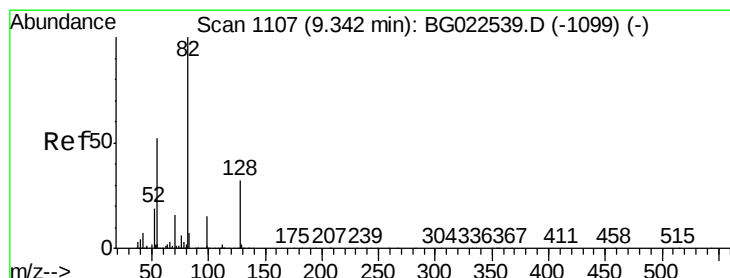
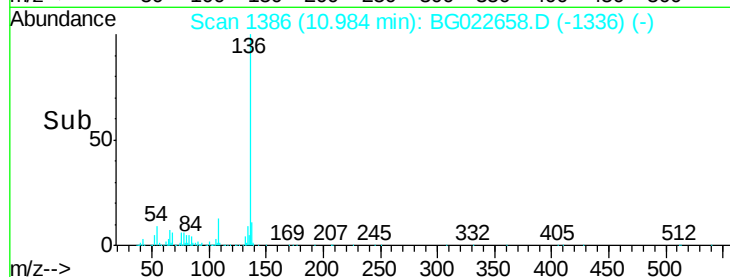
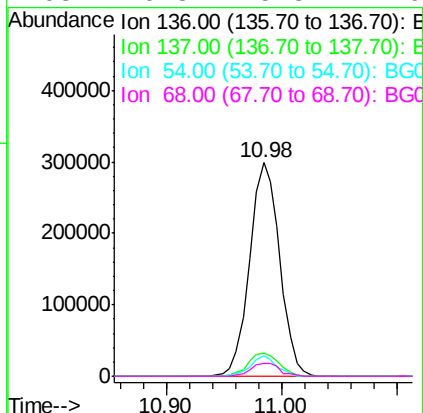
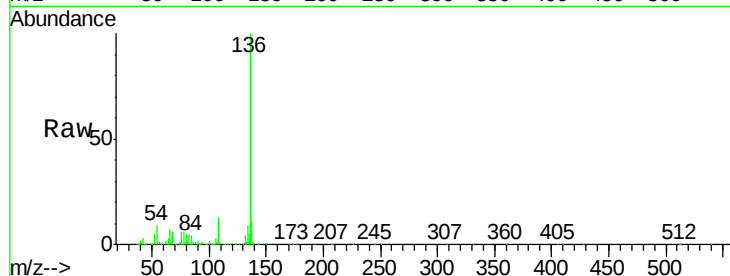




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022658.D
Acq: 28 Jun 2016 1:18

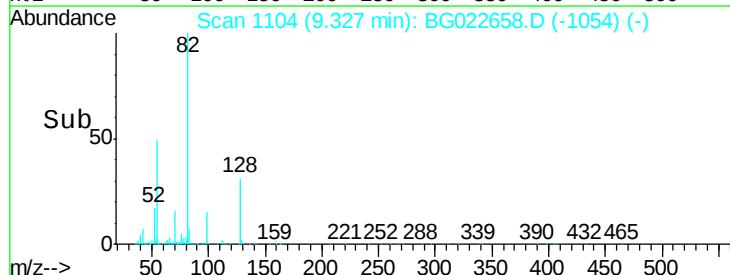
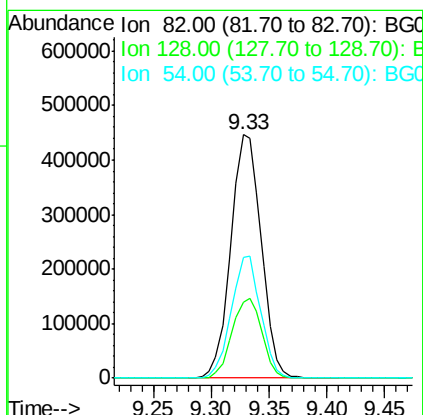
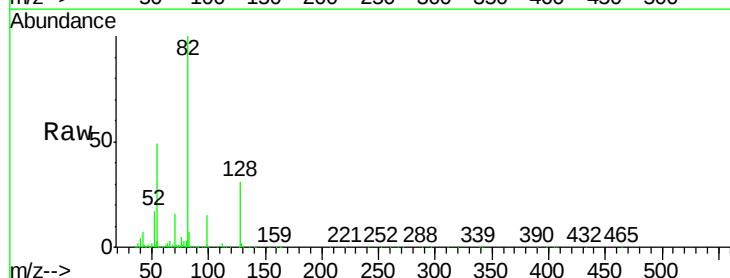
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

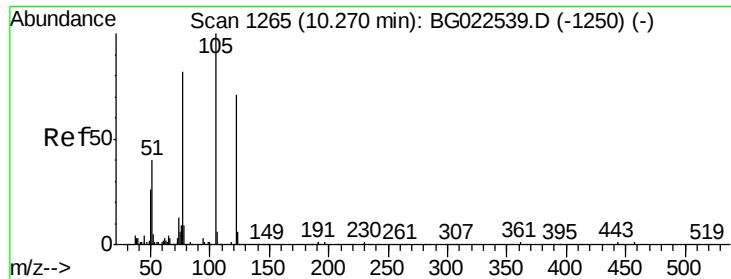
Tgt Ion:	136	Resp:	540094
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	9.4	7.3	10.9
68	6.3	5.3	7.9



#23
Nitrobenzene-d5
Concen: 63.76 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG022658.D
Acq: 28 Jun 2016 1:18

Tgt Ion:	82	Resp:	813600
Ion	Ratio	Lower	Upper
82	100		
128	31.3	24.4	36.6
54	49.4	41.4	62.0

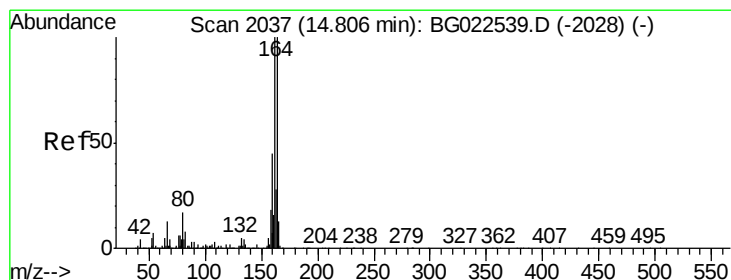
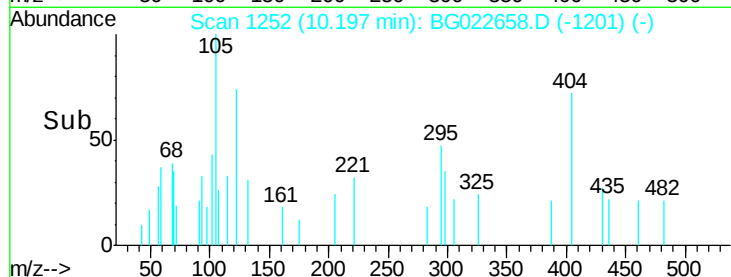
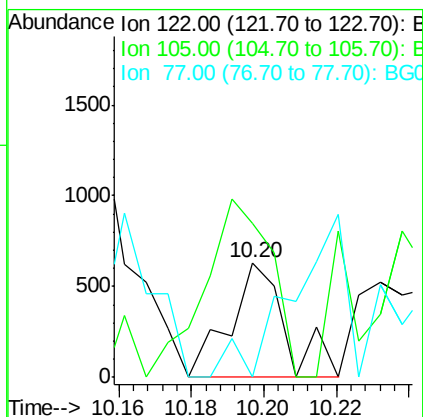
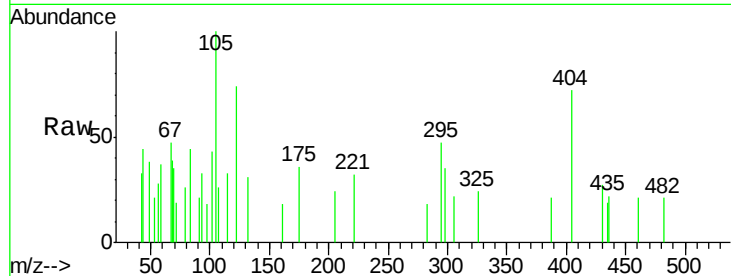




#32
Benzoic acid
Concen: 5.21 ng
RT: 10.20 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BG022658.D
Acq: 28 Jun 2016 1:18

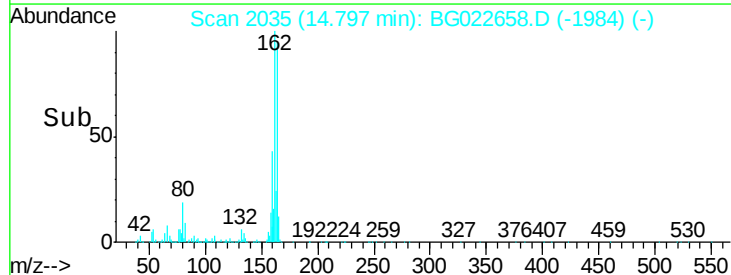
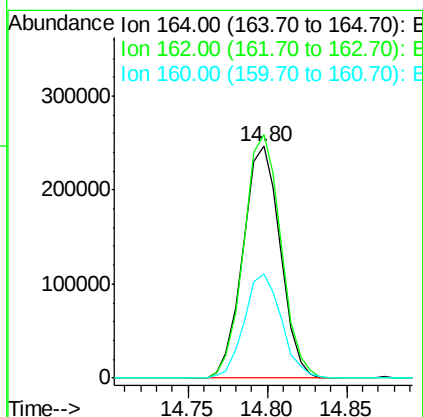
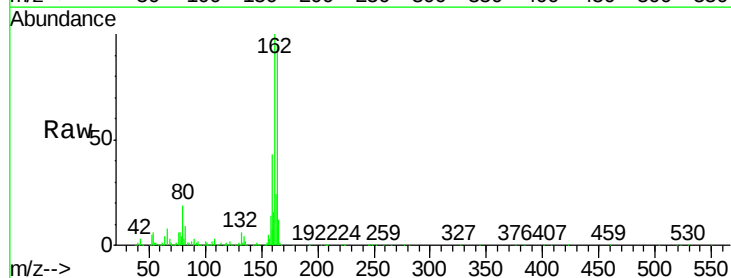
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

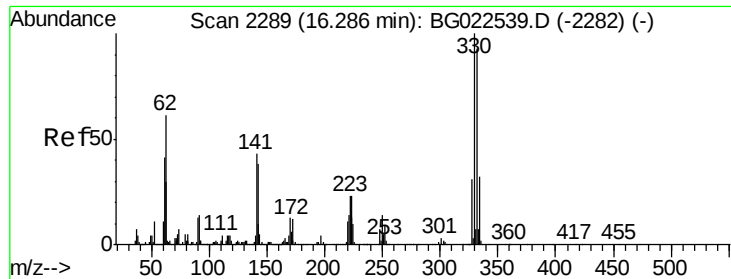
Tgt Ion:122 Resp: 669
Ion Ratio Lower Upper
122 100
105 134.4 117.2 157.2
77 0.0 109.2 149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022658.D
Acq: 28 Jun 2016 1:18

Tgt Ion:164 Resp: 402897
Ion Ratio Lower Upper
164 100
162 104.9 87.7 131.5
160 45.1 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 109.85 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022658.D

Acq: 28 Jun 2016 1:18

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

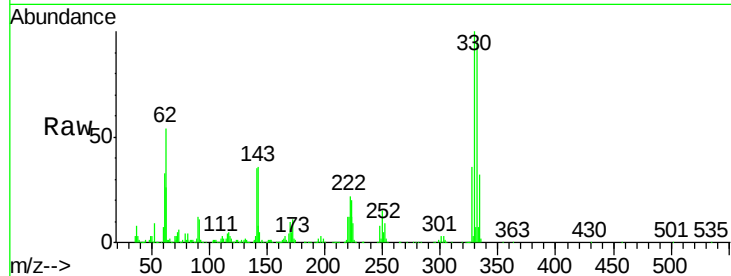
Tgt Ion:330 Resp: 696123

Ion Ratio Lower Upper

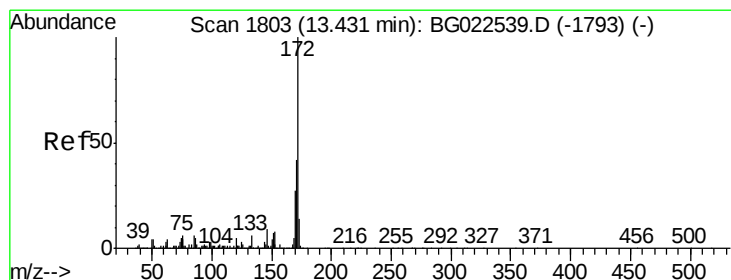
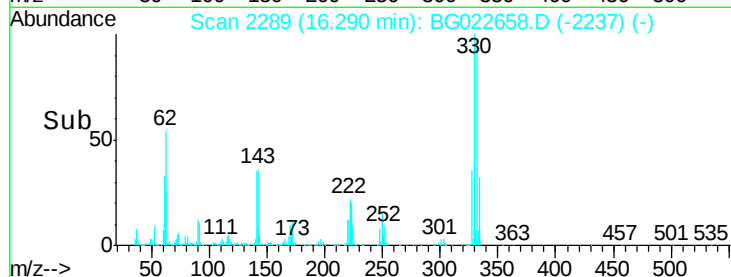
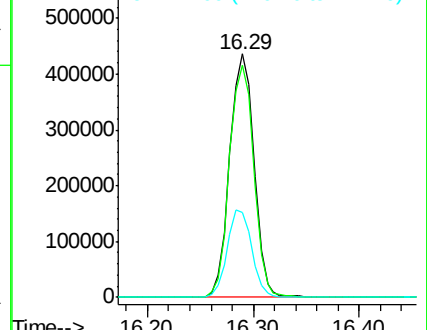
330 100

332 95.3 77.4 116.2

141 36.2 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: 64.58 ng

RT: 13.42 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG022658.D

Acq: 28 Jun 2016 1:18

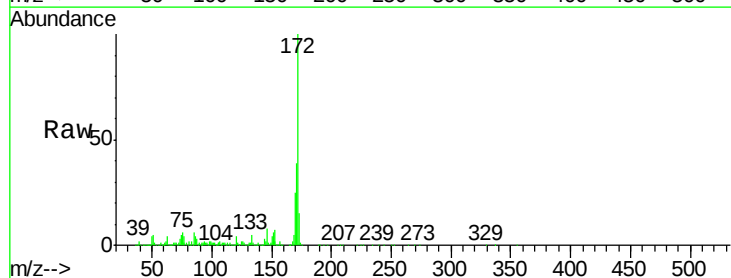
Tgt Ion:172 Resp: 1640611

Ion Ratio Lower Upper

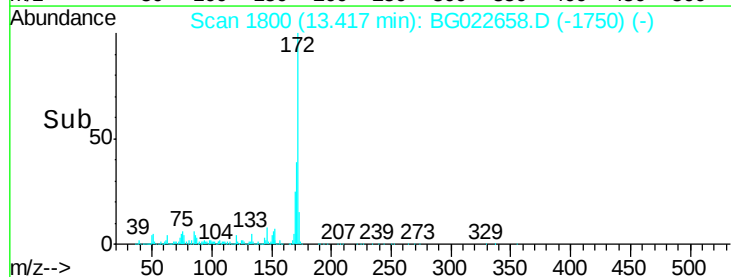
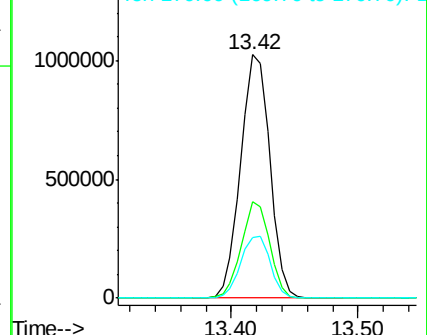
172 100

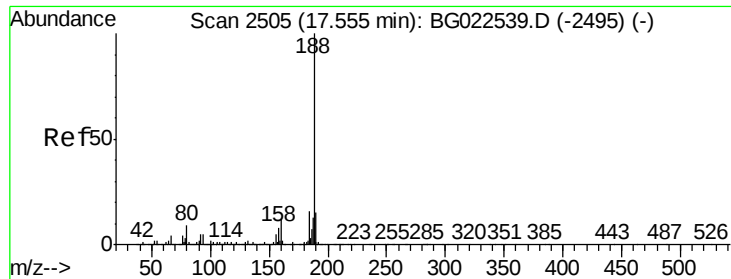
171 39.4 31.6 47.4

170 25.0 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

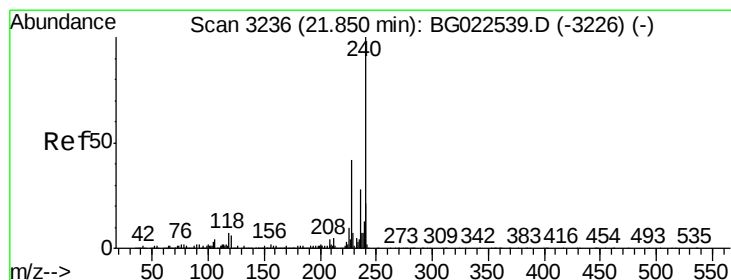
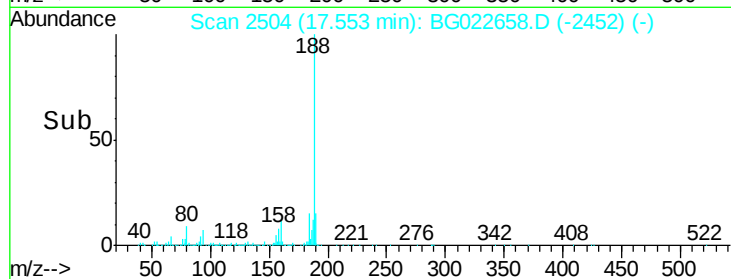
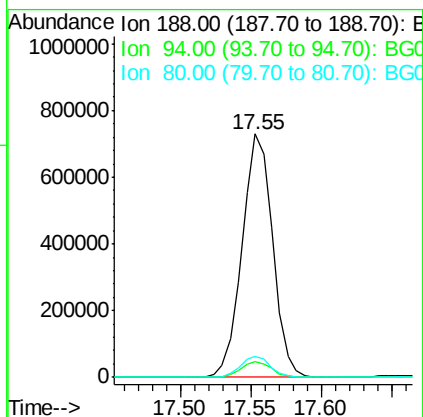
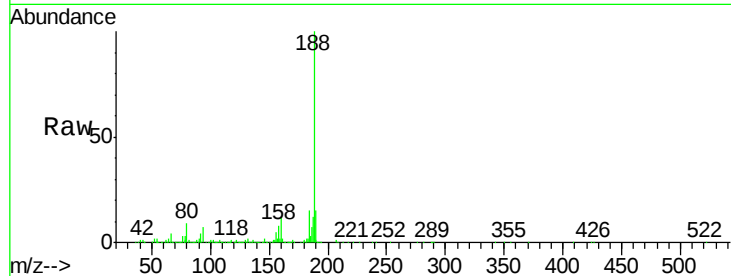




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022658.D
Acq: 28 Jun 2016 1:18

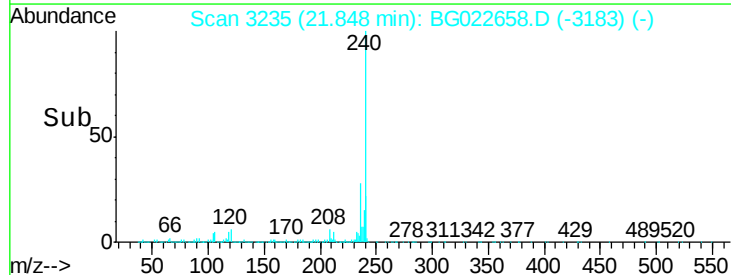
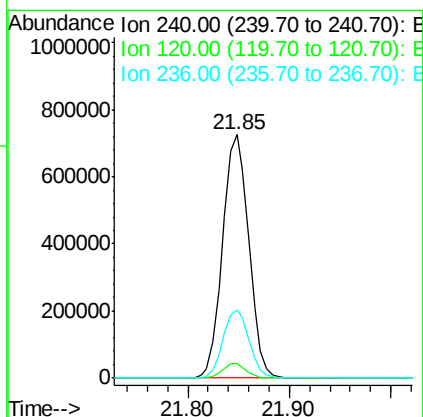
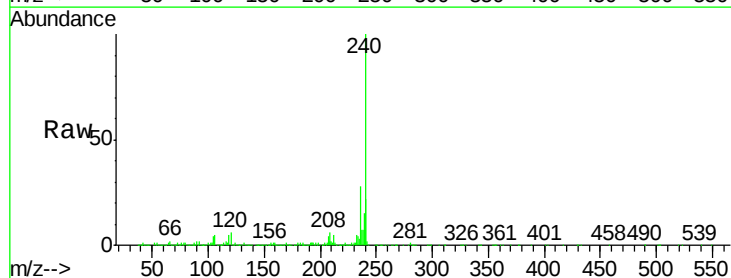
Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

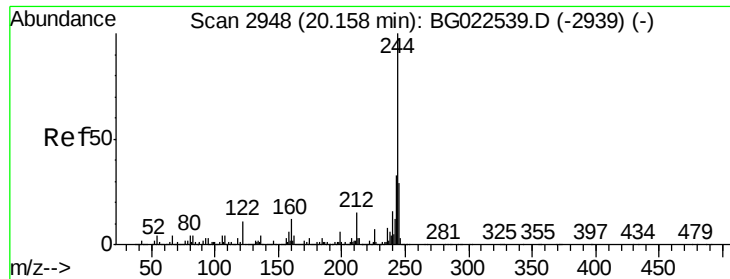
Tgt Ion:188 Resp: 1106536
Ion Ratio Lower Upper
188 100
94 6.6 5.2 7.8
80 8.8 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022658.D
Acq: 28 Jun 2016 1:18

Tgt Ion:240 Resp: 1294304
Ion Ratio Lower Upper
240 100
120 6.2 4.1 6.1#
236 27.9 21.1 31.7





#78

Terphenyl-d14

Concen: 58.02 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022658.D

Acq: 28 Jun 2016 1:18

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

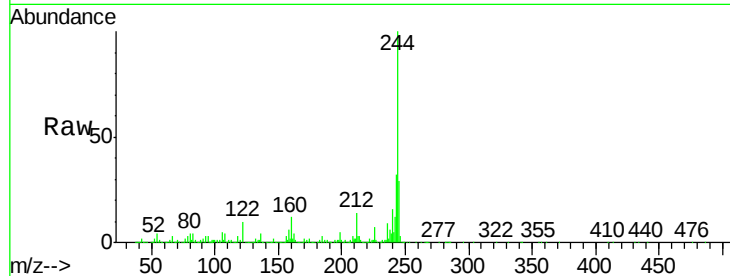
Tgt Ion:244 Resp: 2834458

Ion Ratio Lower Upper

244 100

212 13.8 10.8 16.2

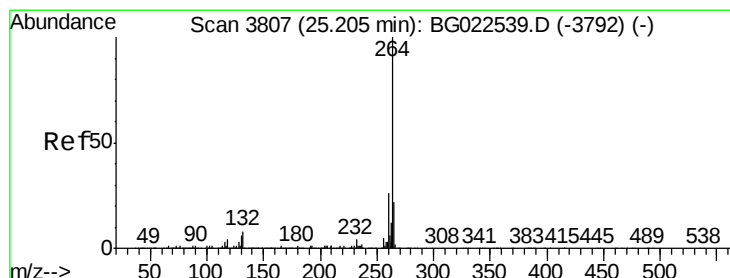
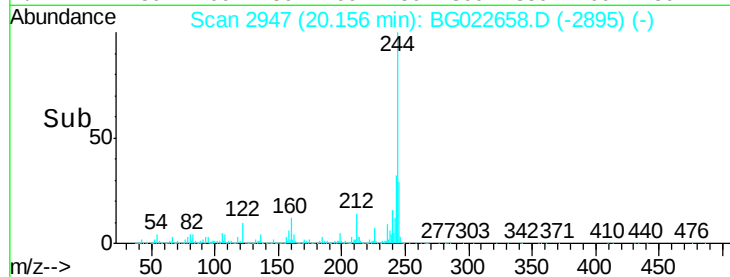
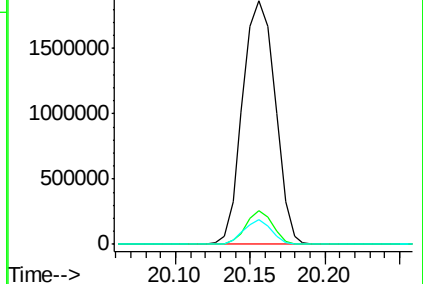
122 10.3 8.0 12.0



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: 25.21 min Scan# 3807

Delta R.T. 0.00 min

Lab File: BG022658.D

Acq: 28 Jun 2016 1:18

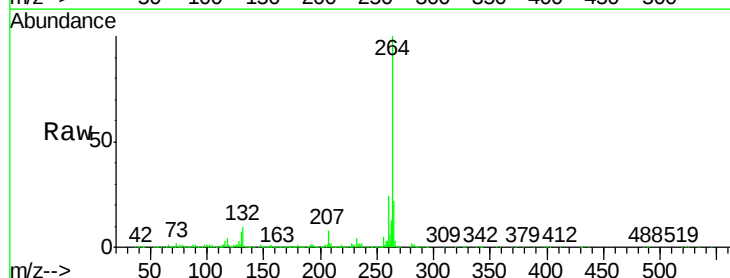
Tgt Ion:264 Resp: 1313161

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.6 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

