

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016146.D
 Acq On : 26 Mar 2015 18:39
 Operator : TP/IZ
 Sample : G1614-05
 Misc : LOD-WATER-2PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Mar 27 02:42:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

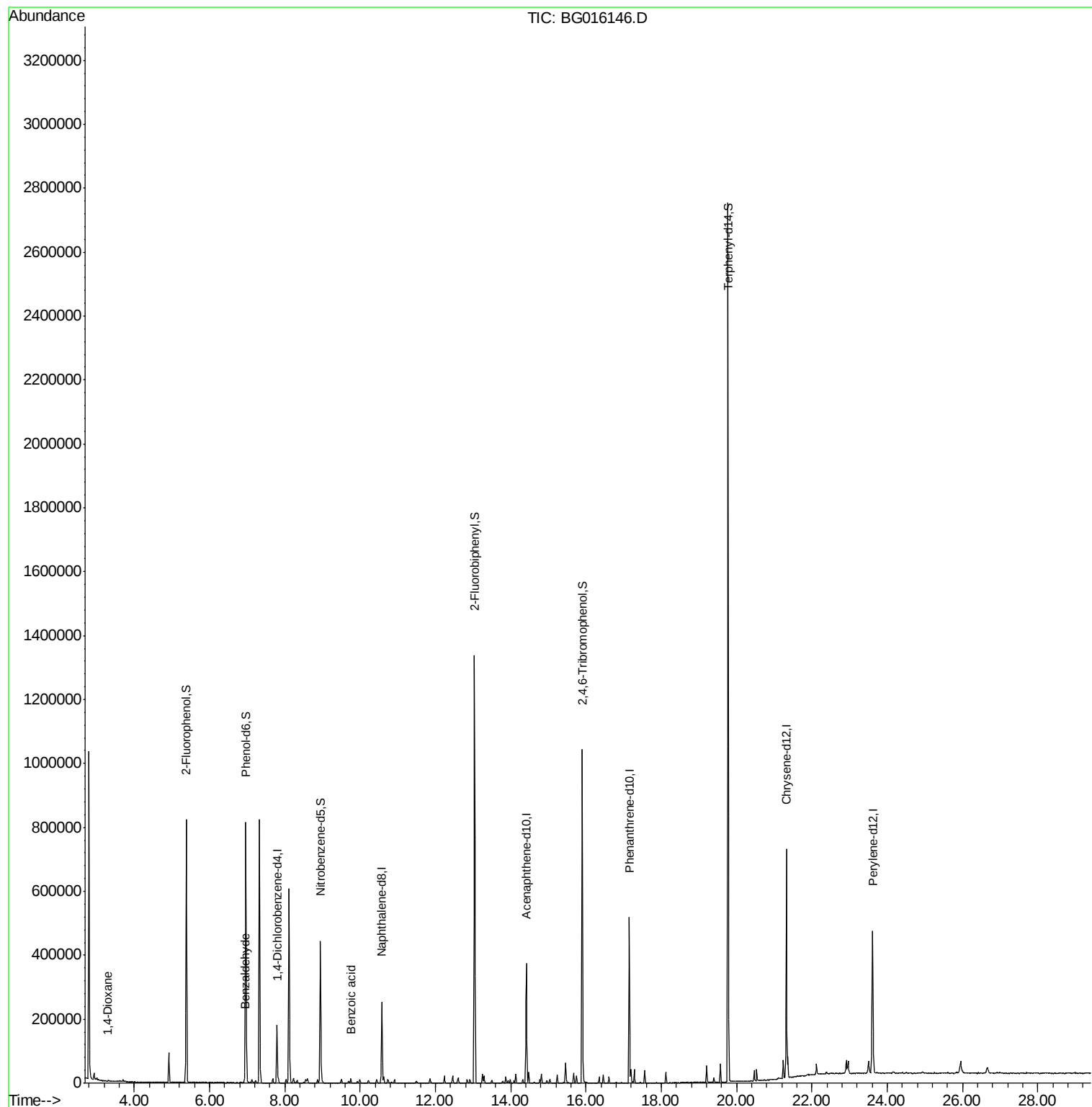
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	49850	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	211529	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	130424	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	301961	20.00	ng	0.00
75) Chrysene-d12	21.33	240	335429	20.00	ng	0.00
86) Perylene-d12	23.61	264	321534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	396167	133.01	ng	0.00
7) Phenol-d6	6.96	99	531952	128.31	ng	0.00
23) Nitrobenzene-d5	8.94	82	270454	79.28	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	204749	136.71	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	678918	87.13	ng	0.00
78) Terphenyl-d14	19.78	244	1121832	84.23	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	2424	2.02	ng	# 83
9) Benzaldehyde	6.93	77	4904	2.83	ng	# 86
32) Benzoic acid	9.75	122	4768	7.20	ng	# 15

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

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
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QLast Update : Fri Mar 27 03:23:37 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. 0.00 min

Lab File: BG016146.D

Acq: 26 Mar 2015 18:39

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

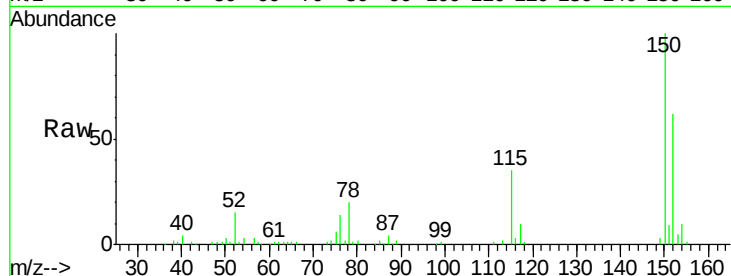
Tgt Ion:152 Resp: 49850

Ion Ratio Lower Upper

152 100

150 160.6 126.1 189.1

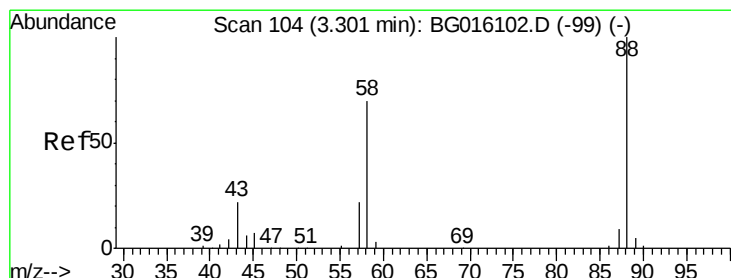
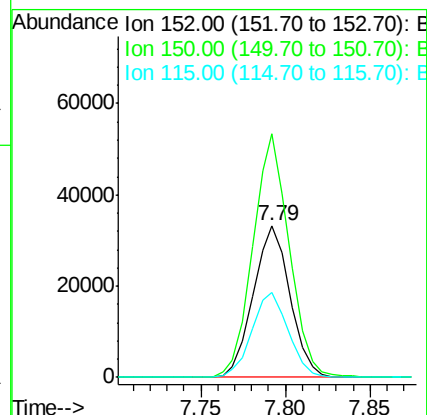
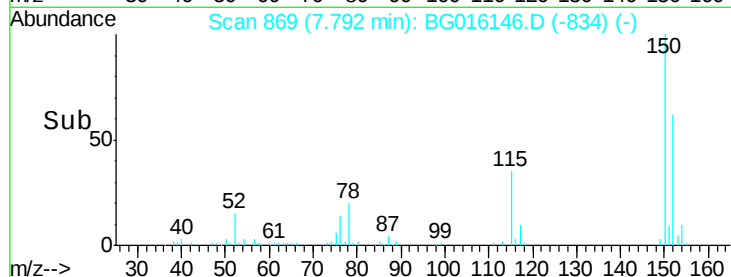
115 56.3 43.7 65.5



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



#2

1,4-Dioxane

Concen: 2.02 ng

RT: 3.30 min Scan# 105

Delta R.T. 0.01 min

Lab File: BG016146.D

Acq: 26 Mar 2015 18:39

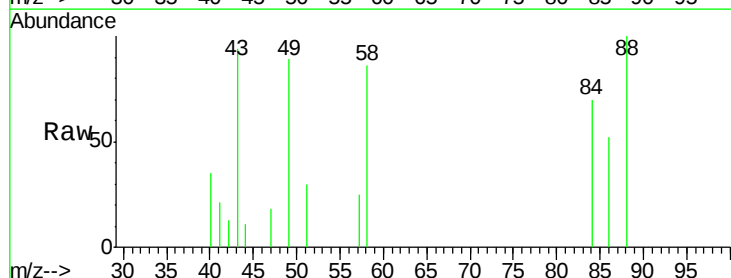
Tgt Ion: 88 Resp: 2424

Ion Ratio Lower Upper

88 100

58 59.4 54.2 81.4

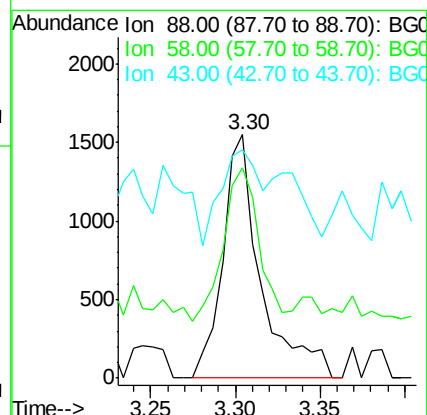
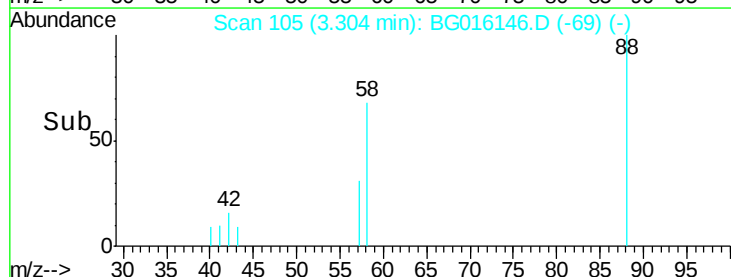
43 39.1 17.4 26.2#

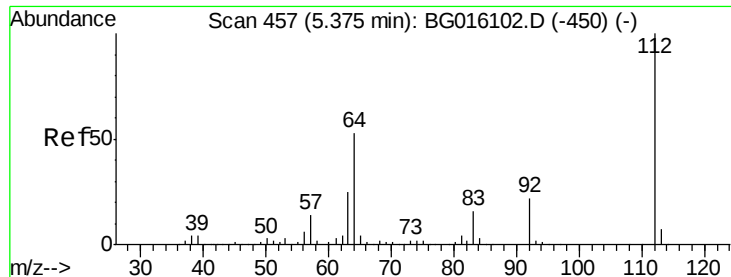


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 133.01 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016146.D

Acq: 26 Mar 2015 18:39

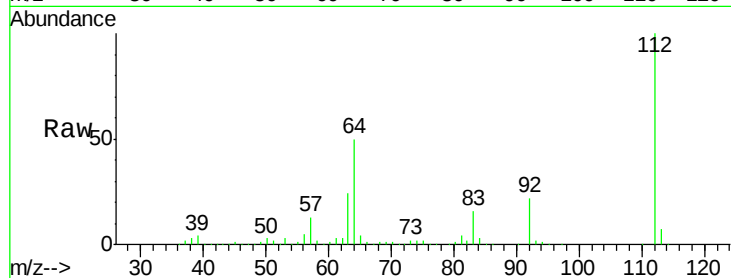
Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

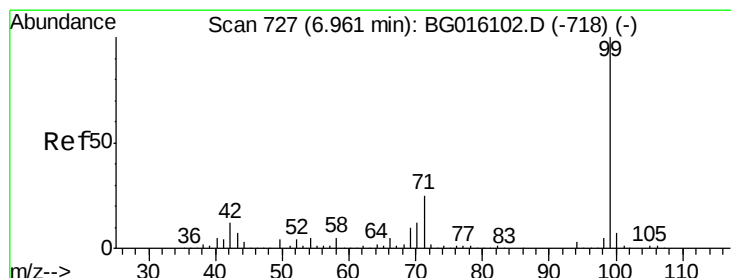
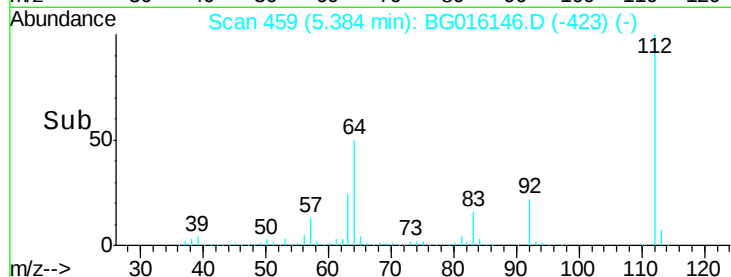
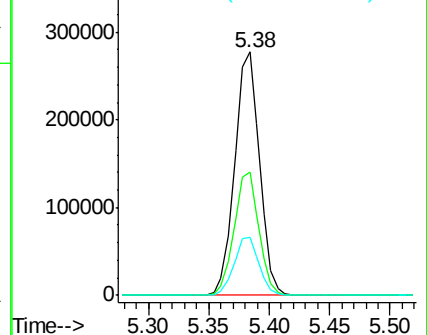
Tgt Ion:	112	Resp:	396167
Ion	Ratio	Lower	Upper
112	100		
64	50.4	42.6	64.0
63	23.9	19.9	29.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 128.31 ng

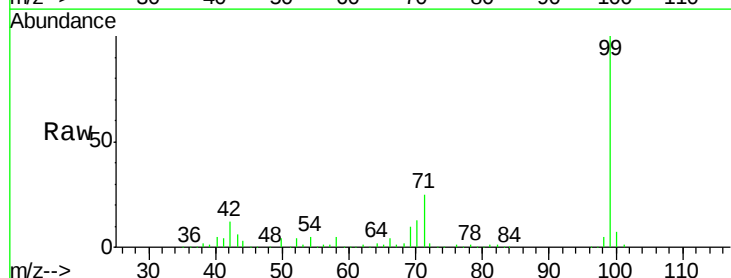
RT: 6.96 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016146.D

Acq: 26 Mar 2015 18:39

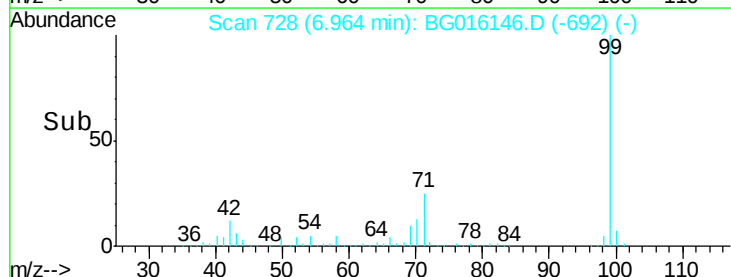
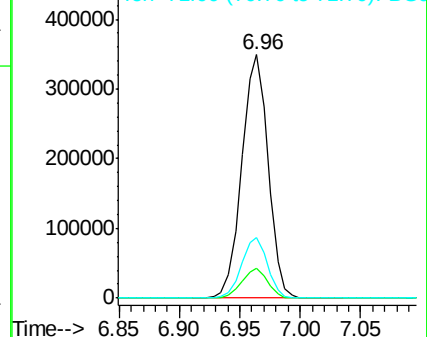
Tgt Ion:	99	Resp:	531952
Ion	Ratio	Lower	Upper
99	100		
42	12.0	9.4	14.0
71	25.1	19.9	29.9

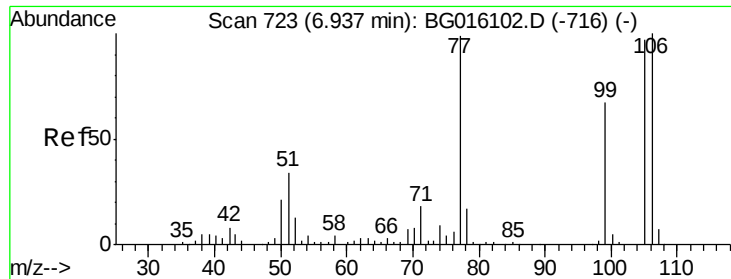


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 2.83 ng

RT: 6.93 min Scan# 723

Delta R.T. 0.00 min

Lab File: BG016146.D

Acq: 26 Mar 2015 18:39

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

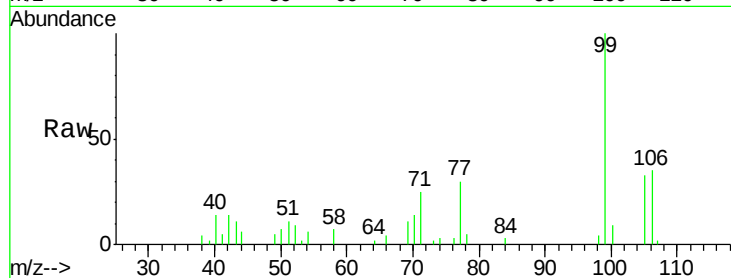
Tgt Ion: 77 Resp: 4904

Ion Ratio Lower Upper

77 100

105 110.4 78.1 118.1

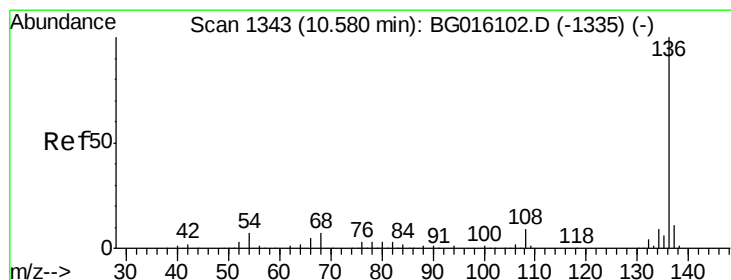
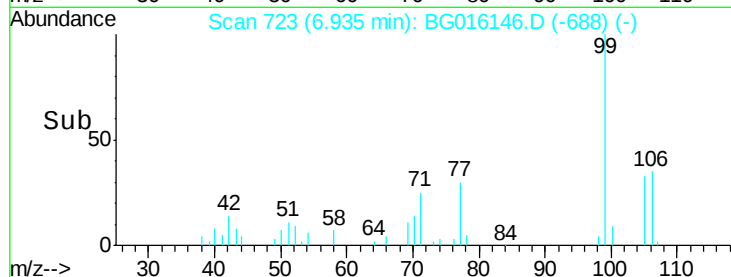
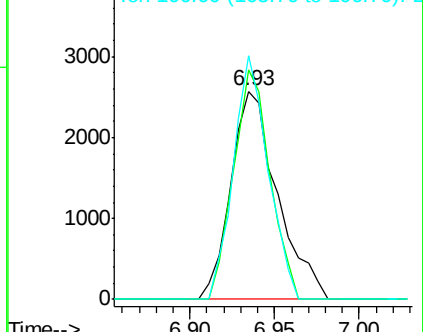
106 116.9 81.0 121.0



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: 10.58 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG016146.D

Acq: 26 Mar 2015 18:39

Tgt Ion: 136 Resp: 211529

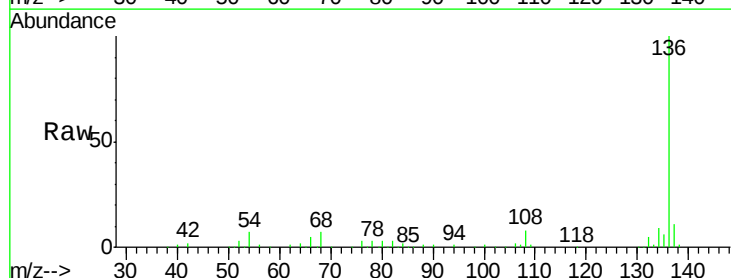
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.7 5.5 8.3

68 7.0 6.0 9.0

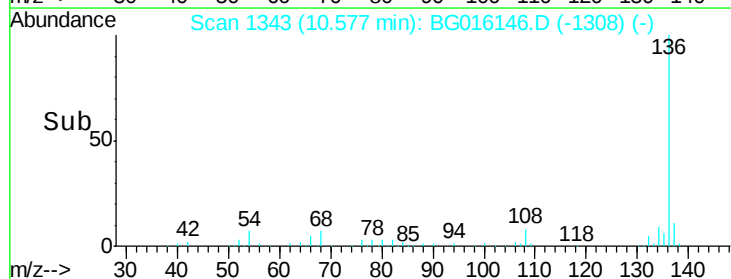
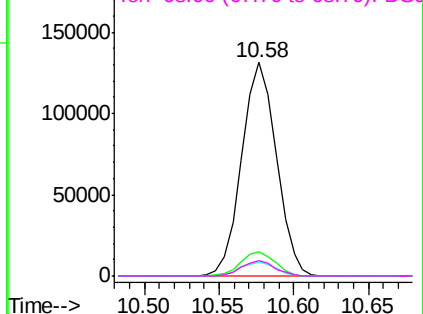


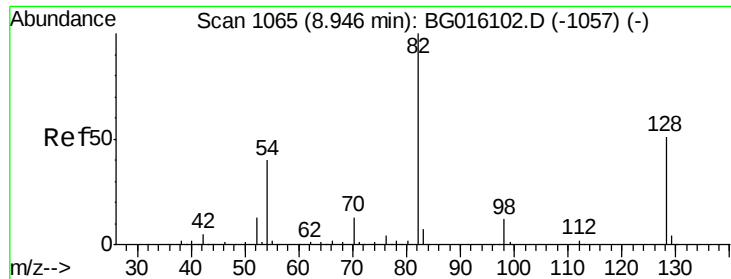
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

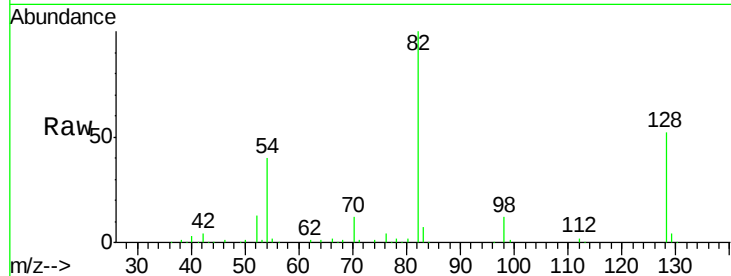




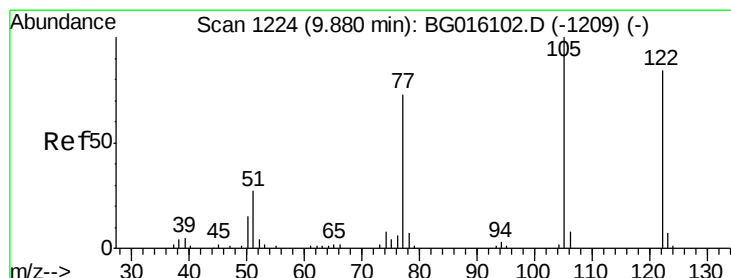
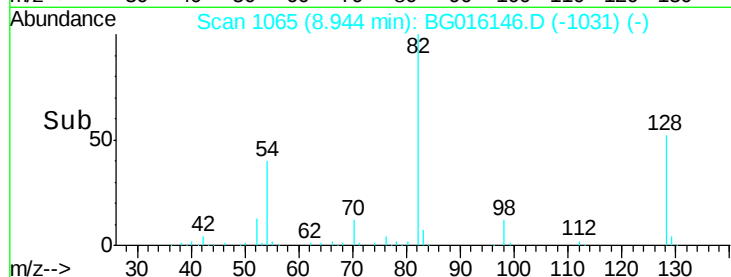
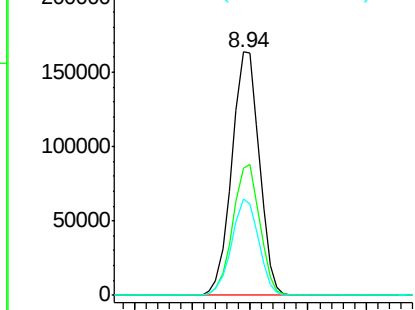
#23
 Nitrobenzene-d5
 Concen: 79.28 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016146.D
 Acq: 26 Mar 2015 18:39

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Tgt Ion: 82 Resp: 270454
 Ion Ratio Lower Upper
 82 100
 128 52.3 40.4 60.6
 54 39.5 32.1 48.1

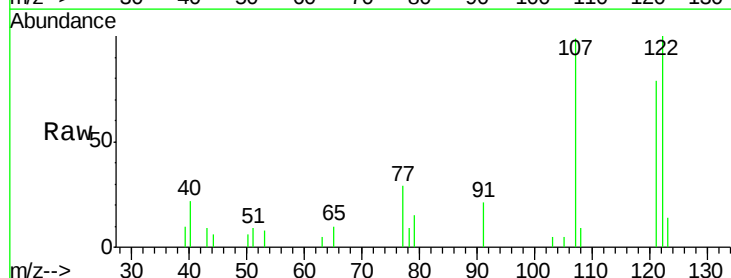


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

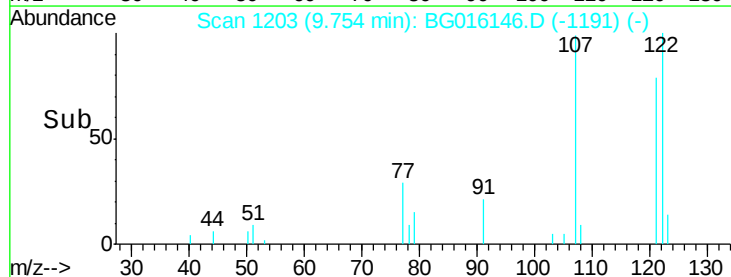
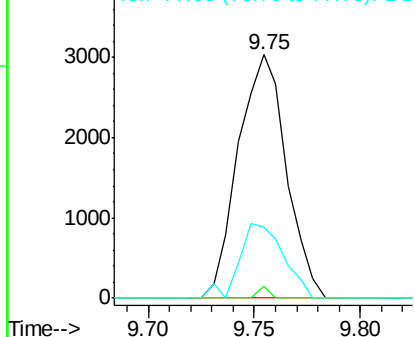


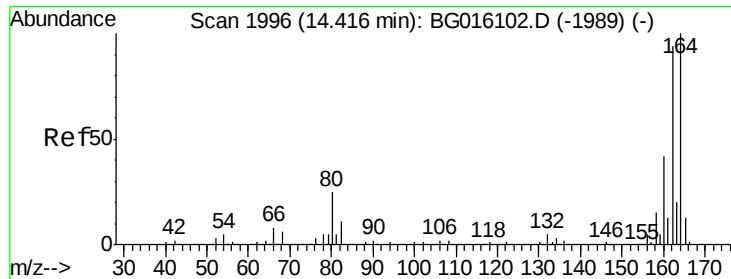
#32
 Benzoic acid
 Concen: 7.20 ng
 RT: 9.75 min Scan# 1203
 Delta R.T. -0.13 min
 Lab File: BG016146.D
 Acq: 26 Mar 2015 18:39

Tgt Ion: 122 Resp: 4768
 Ion Ratio Lower Upper
 122 100
 105 5.0 97.2 137.2#
 77 29.2 65.0 105.0#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.42 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BG016146.D

Acq: 26 Mar 2015 18:39

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

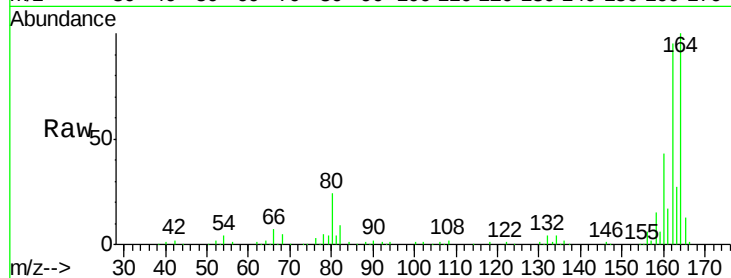
Tgt Ion:164 Resp: 130424

Ion Ratio Lower Upper

164 100

162 95.3 75.2 112.8

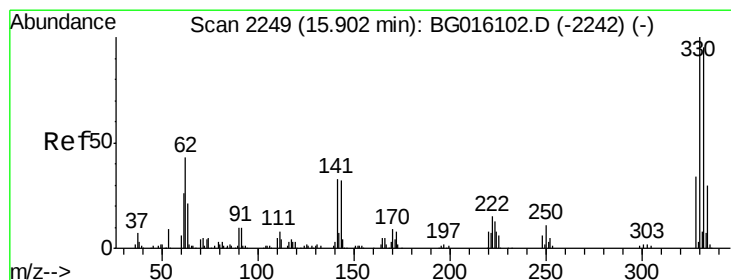
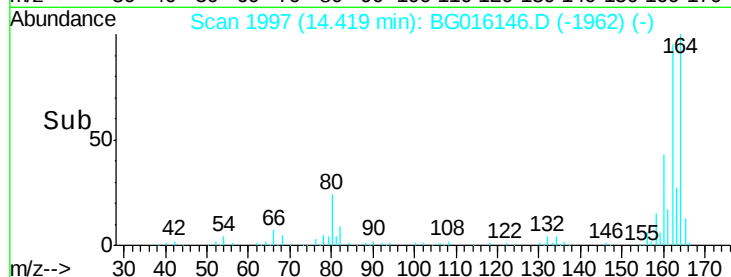
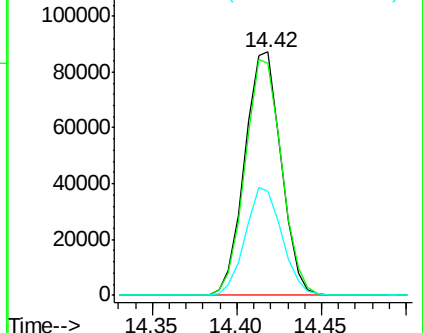
160 42.9 33.9 50.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 136.71 ng

RT: 15.90 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG016146.D

Acq: 26 Mar 2015 18:39

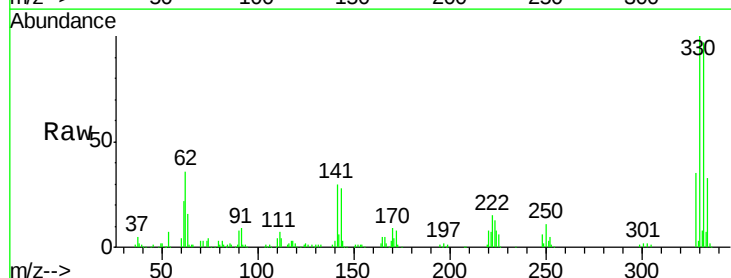
Tgt Ion:330 Resp: 204749

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

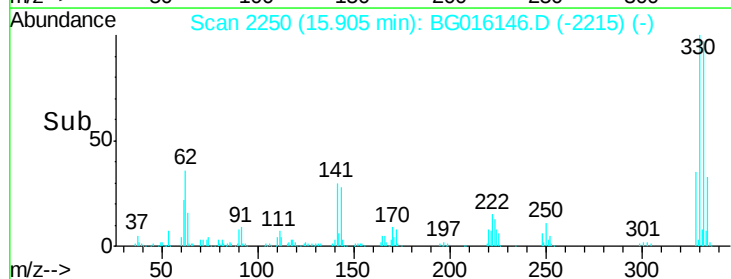
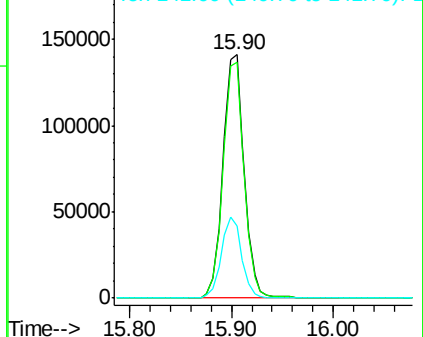
141 32.2 26.2 39.4

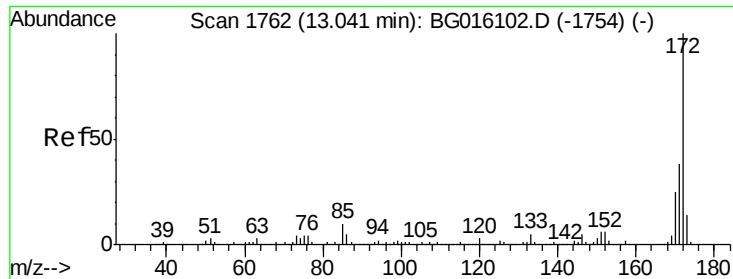


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

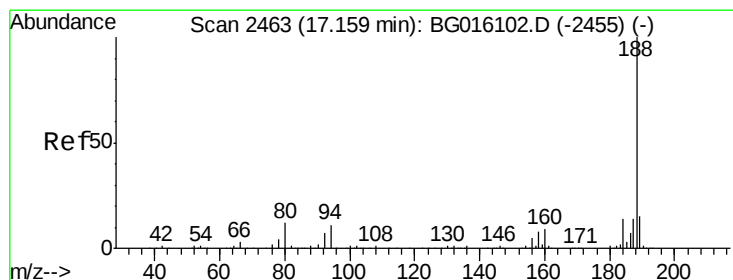
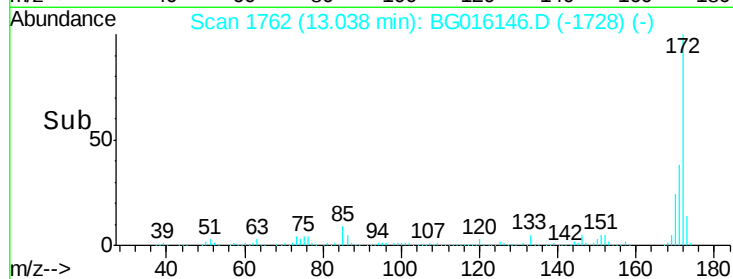
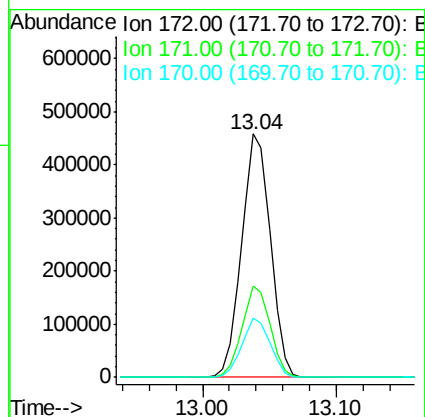
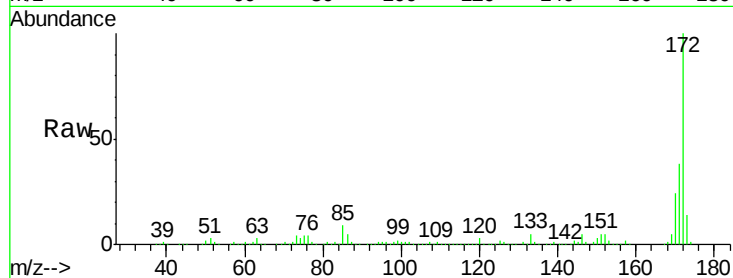




#44
 2-Fluorobiphenyl
 Concen: 87.13 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016146.D
 Acq: 26 Mar 2015 18:39

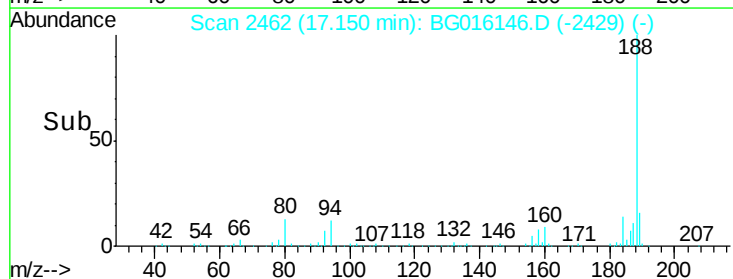
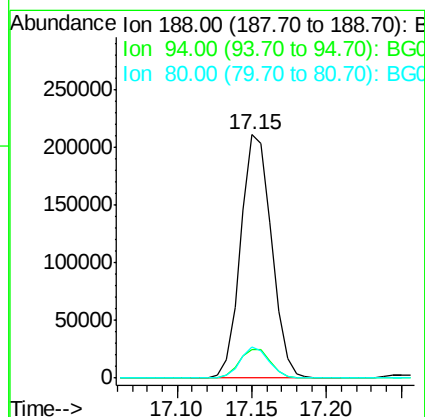
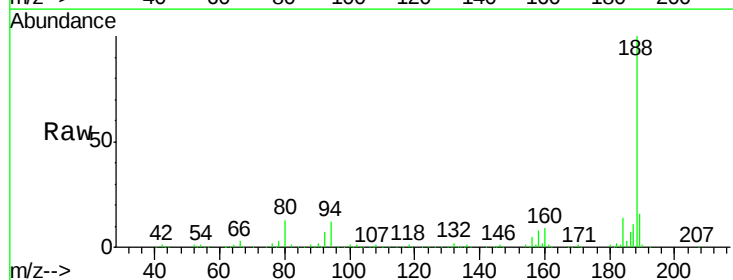
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

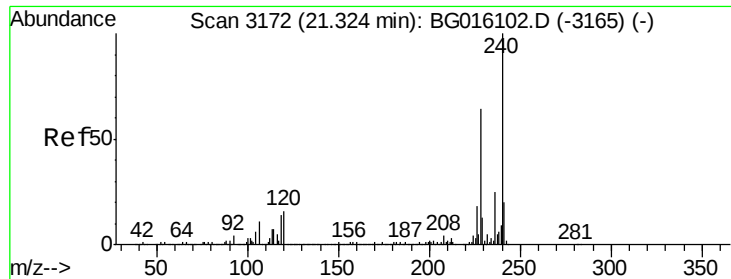
Tgt Ion:172 Resp: 678918
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.3 45.5
 170 24.3 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.15 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG016146.D
 Acq: 26 Mar 2015 18:39

Tgt Ion:188 Resp: 301961
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.1 13.7
 80 12.7 9.8 14.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.33 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BG016146.D

Acq: 26 Mar 2015 18:39

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

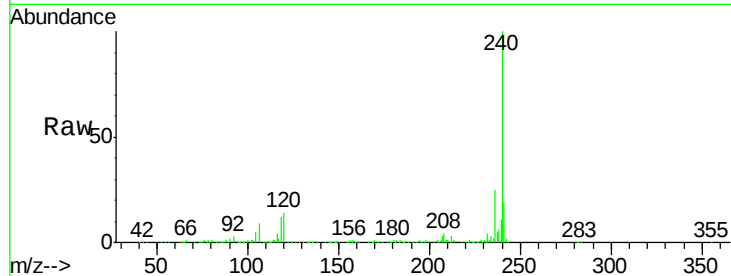
Tgt Ion:240 Resp: 335429

Ion Ratio Lower Upper

240 100

120 13.8 13.0 19.4

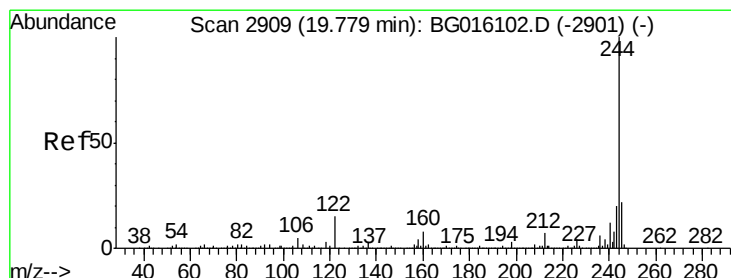
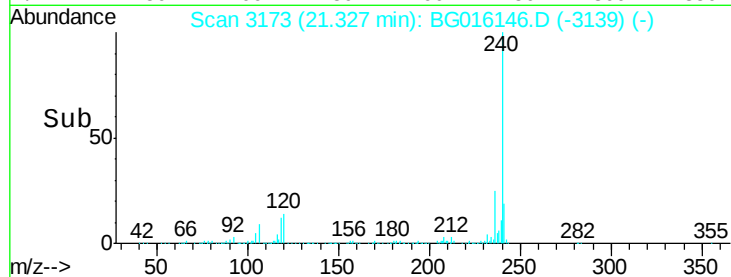
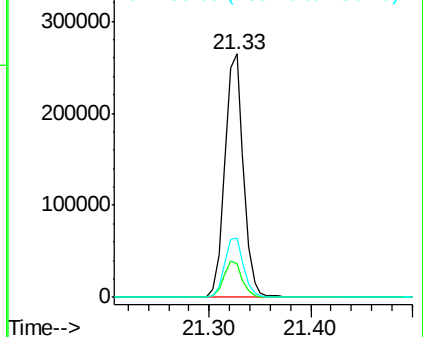
236 24.6 20.2 30.2



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: 84.23 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016146.D

Acq: 26 Mar 2015 18:39

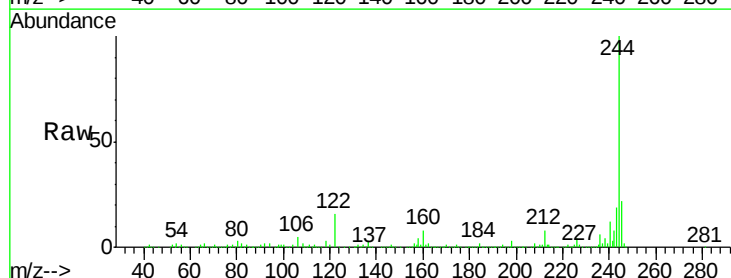
Tgt Ion:244 Resp: 1121832

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

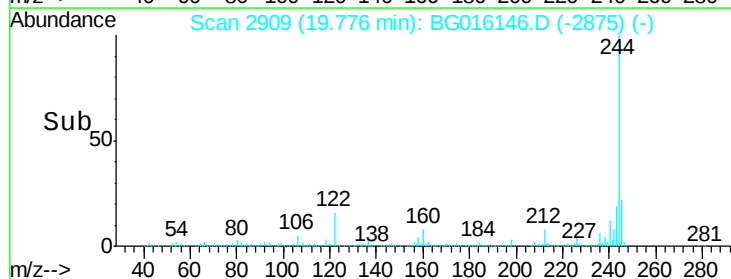
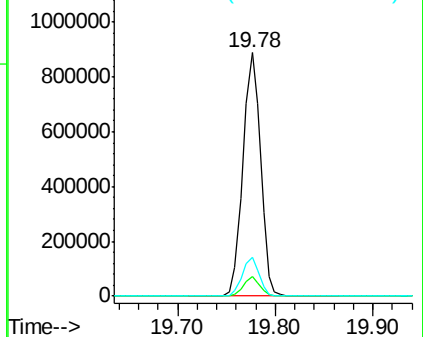
122 16.0 12.2 18.2

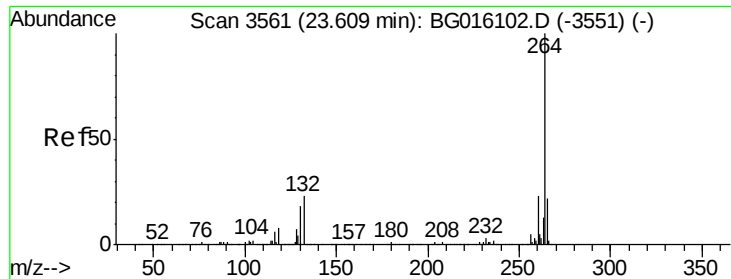


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.61 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BG016146.D
Acq: 26 Mar 2015 18:39

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tgt Ion: 264 Resp: 321534
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 20.7 17.3 25.9

