

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024101.D
 Acq On : 23 Sep 2016 23:53
 Operator : UM/SJ
 Sample : H4818-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-05-QT4

Quant Time: Sep 24 00:27:58 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

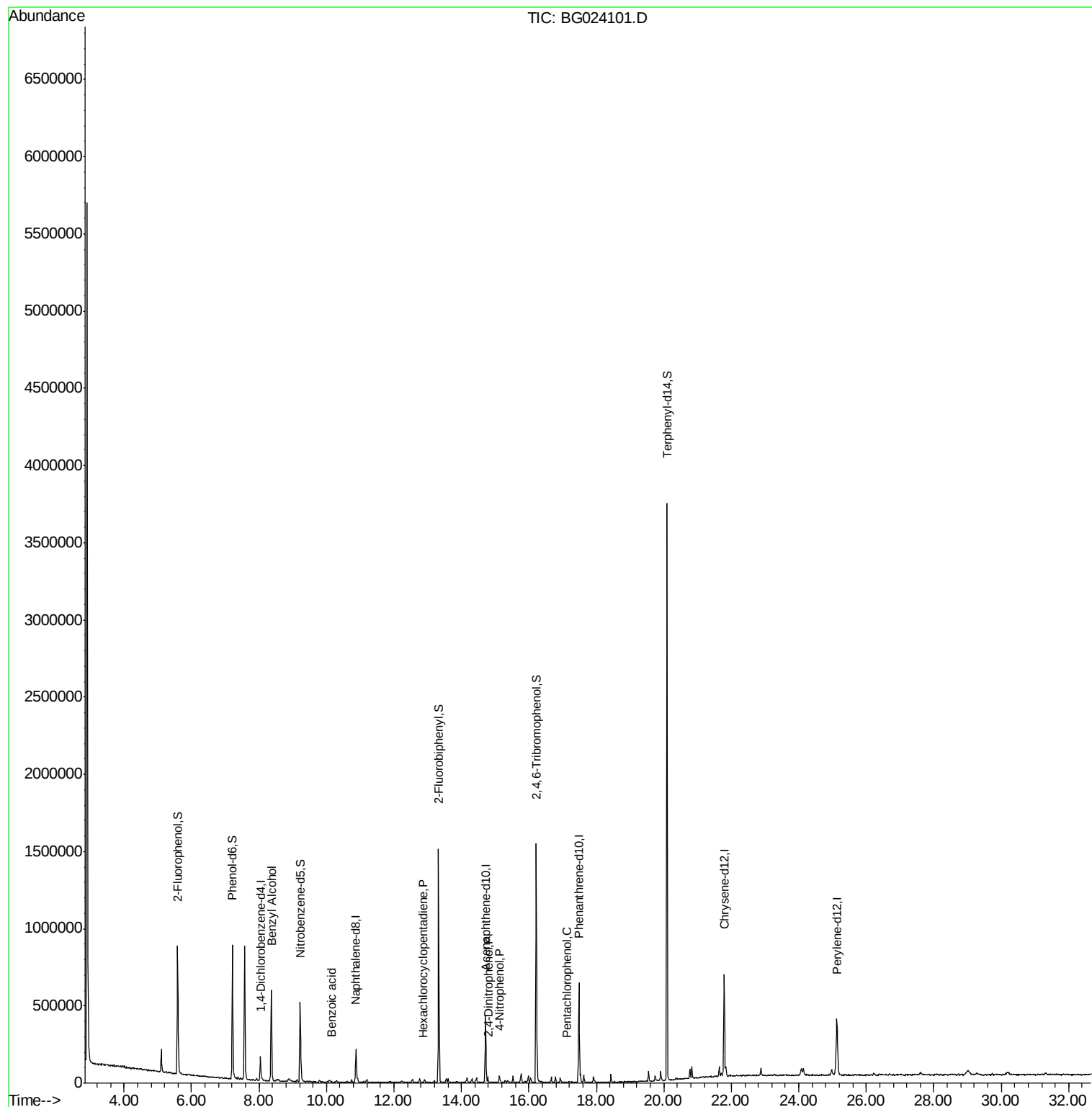
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39587	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	172771	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	149717	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	376651	20.00	ng	0.00
75) Chrysene-d12	21.79	240	443069	20.00	ng	0.00
86) Perylene-d12	25.13	264	420641	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	323398	141.53	ng	0.00
7) Phenol-d6	7.21	99	486347	126.49	ng	0.00
23) Nitrobenzene-d5	9.22	82	352773	80.48	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	268086	124.57	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	725433	81.45	ng	0.00
78) Terphenyl-d14	20.09	244	1536960	71.03	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.36	79	9664	2.60	ng	# 54
32) Benzoic acid	10.15	122	341	2.32	ng	# 1
40) Hexachlorocyclopentadiene	12.88	237	70	3.63	ng	# 26
53) 2,4-Dinitrophenol	14.81	184	76	2.51	ng	# 79
55) 4-Nitrophenol	15.13	139	9950	10.20	ng	# 1
69) Pentachlorophenol	17.13	266	54	3.58	ng	# 18

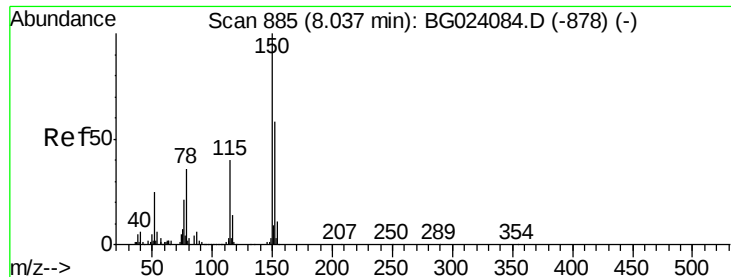
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG024101.D

Acq: 23 Sep 2016 23:53

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-05-QT4

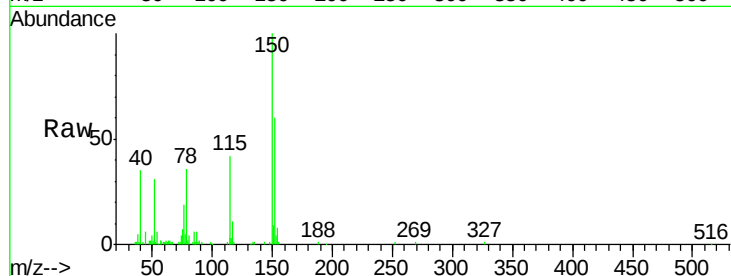
Tgt Ion:152 Resp: 39587

Ion Ratio Lower Upper

152 100

150 166.7 144.7 217.1

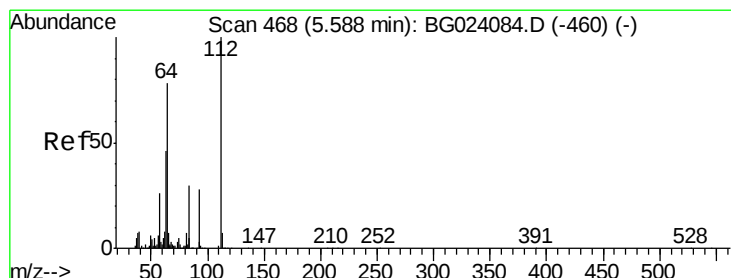
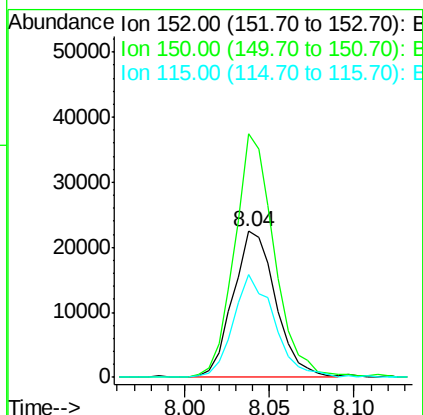
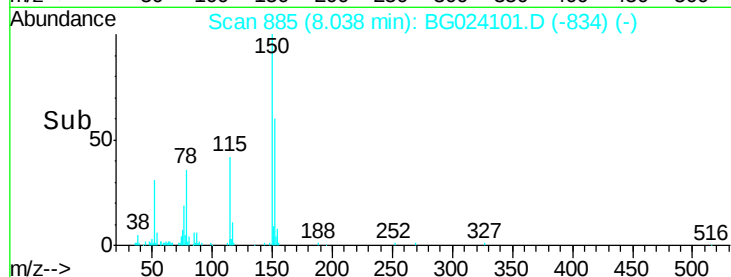
115 70.5 64.0 96.0



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: 141.53 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024101.D

Acq: 23 Sep 2016 23:53

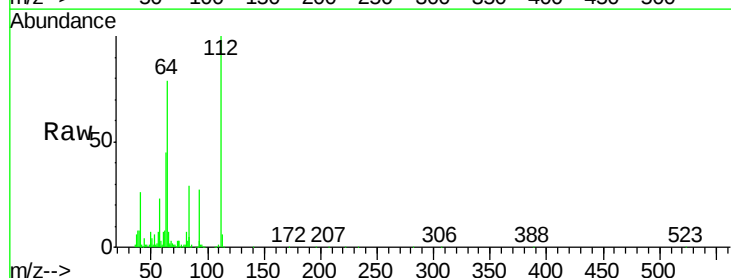
Tgt Ion:112 Resp: 323398

Ion Ratio Lower Upper

112 100

64 78.8 59.0 88.4

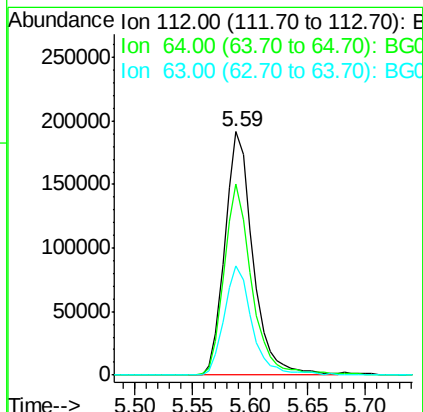
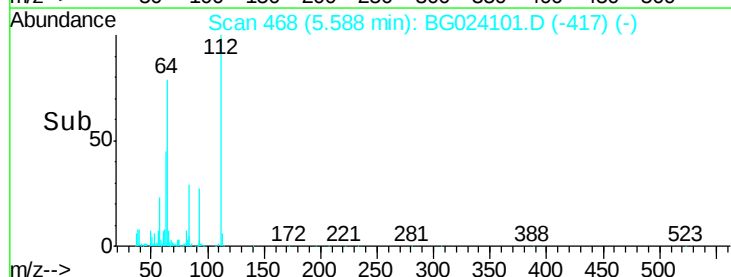
63 44.9 37.8 56.8

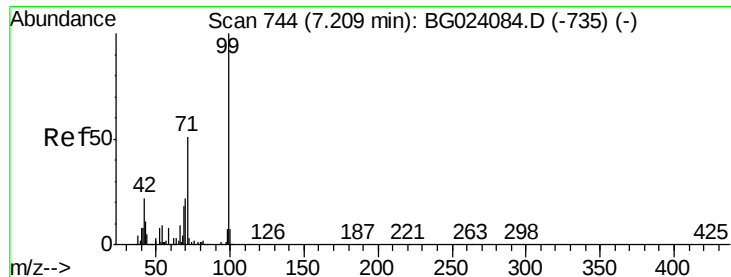


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 126.49 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024101.D

Acq: 23 Sep 2016 23:53

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-05-QT4

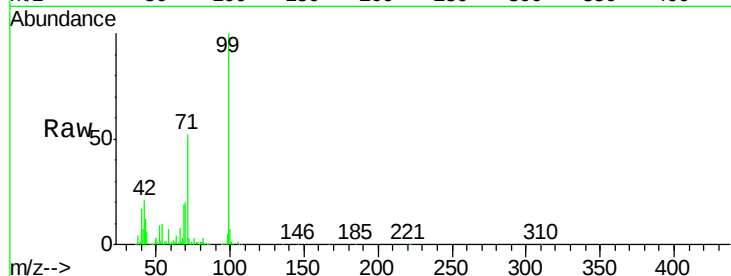
Tgt Ion: 99 Resp: 486347

Ion Ratio Lower Upper

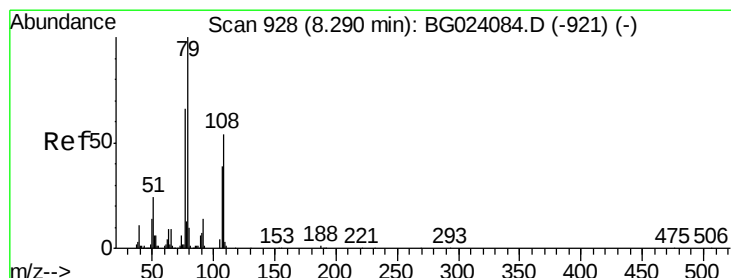
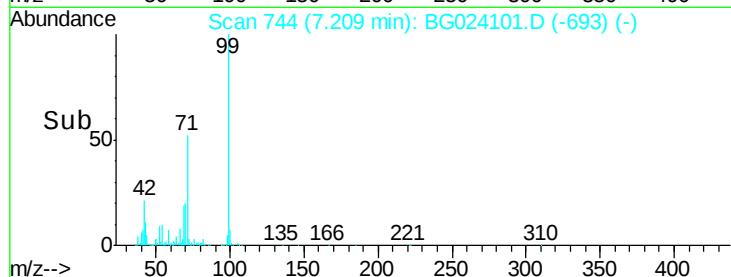
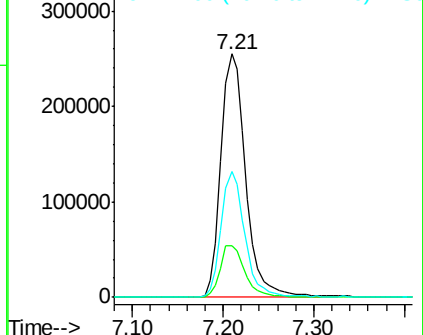
99 100

42 21.0 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



#15

Benzyl Alcohol

Concen: 2.60 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.07 min

Lab File: BG024101.D

Acq: 23 Sep 2016 23:53

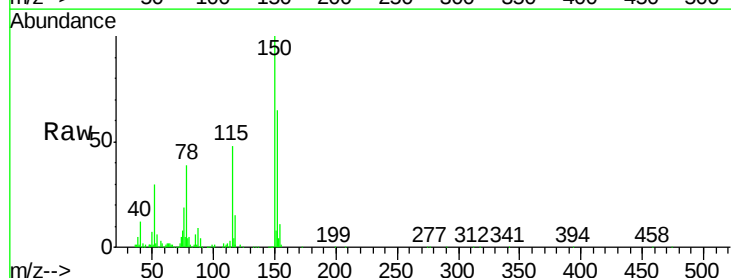
Tgt Ion: 79 Resp: 9664

Ion Ratio Lower Upper

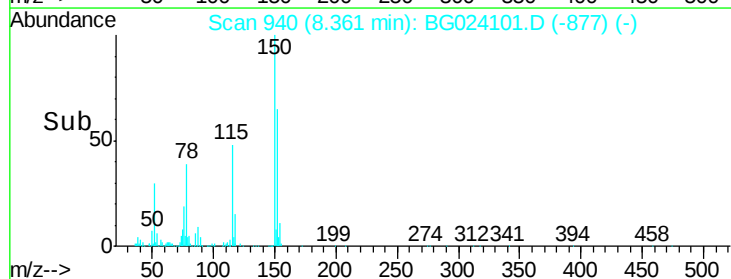
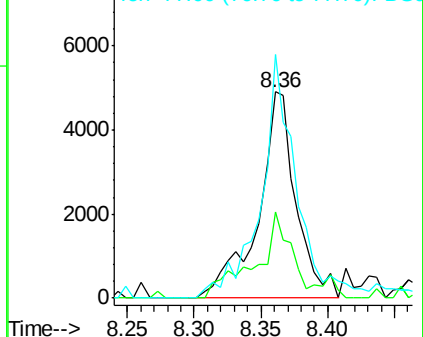
79 100

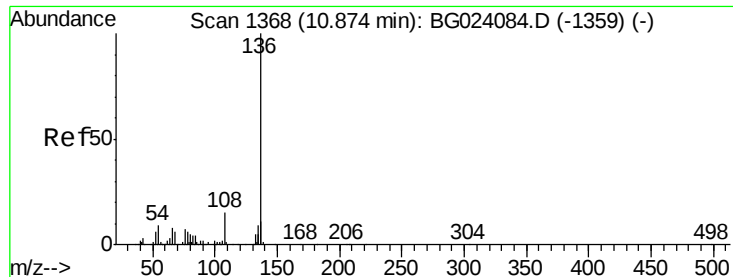
108 41.6 46.5 69.7#

77 118.2 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BG024101.D

Acq: 23 Sep 2016 23:53

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-05-QT4

Tgt Ion: 136 Resp: 172771

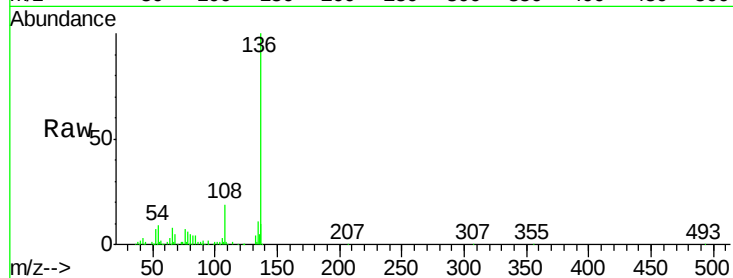
Ion Ratio Lower Upper

136 100

137 10.0 9.6 14.4

54 8.5 7.3 10.9

68 5.2 5.3 7.9#

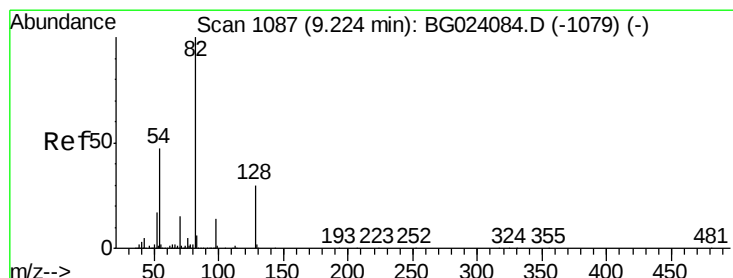
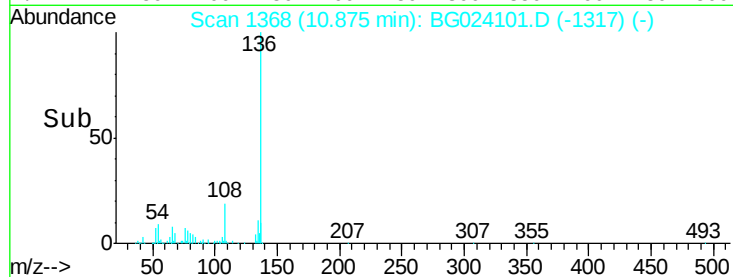
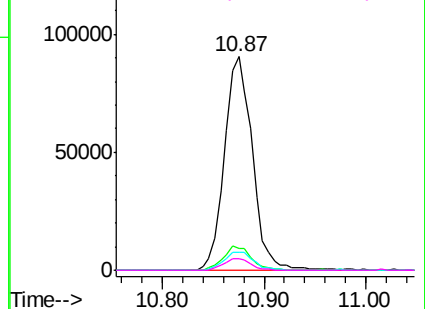


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 80.48 ng

RT: 9.22 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BG024101.D

Acq: 23 Sep 2016 23:53

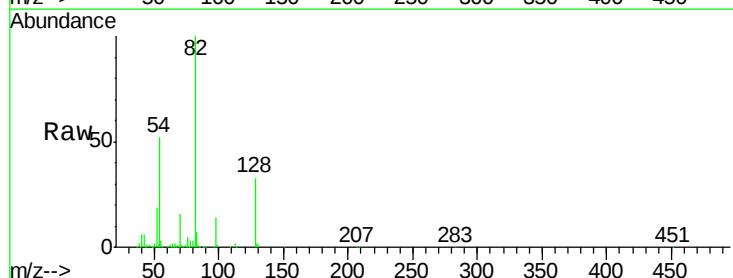
Tgt Ion: 82 Resp: 352773

Ion Ratio Lower Upper

82 100

128 33.4 24.4 36.6

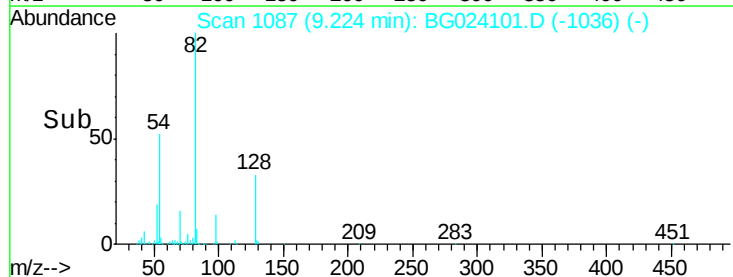
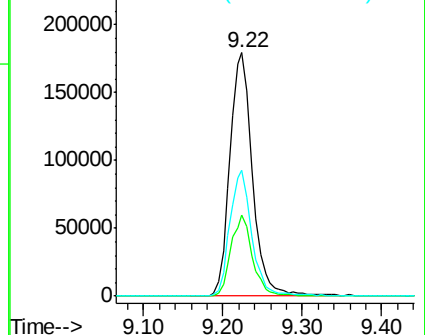
54 51.8 41.4 62.0

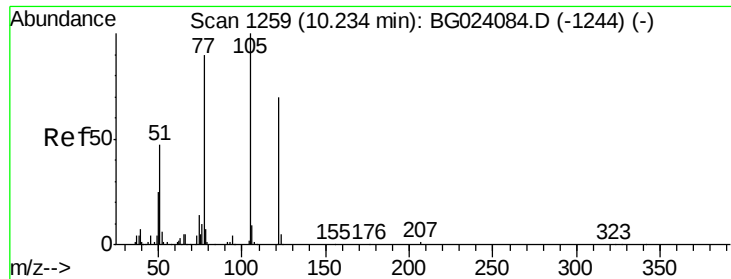


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

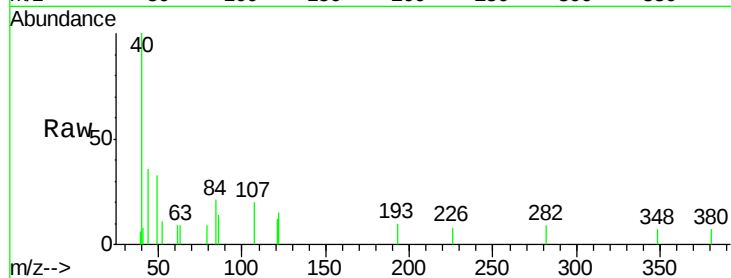




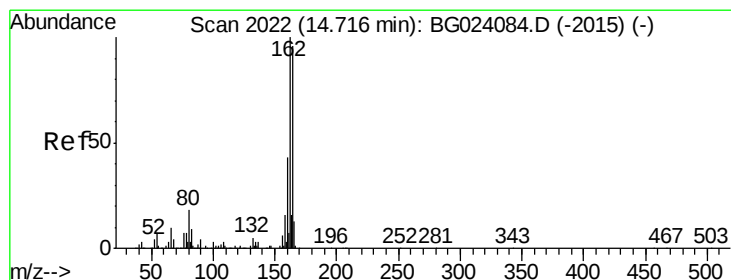
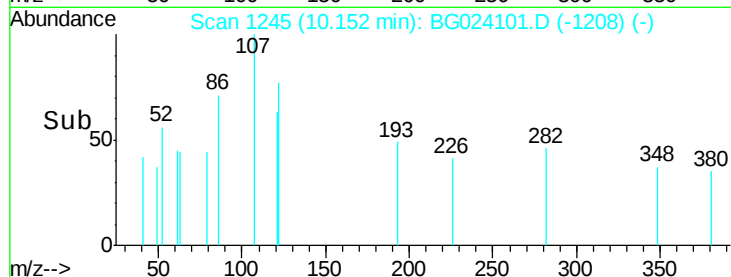
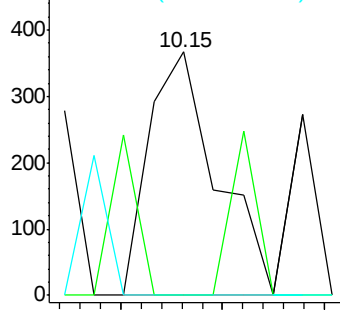
#32
Benzoic acid
Concen: 2.32 ng
RT: 10.15 min Scan# 1245
Delta R.T. -0.08 min
Lab File: BG024101.D
Acq: 23 Sep 2016 23:53

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:122 Resp: 341
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#

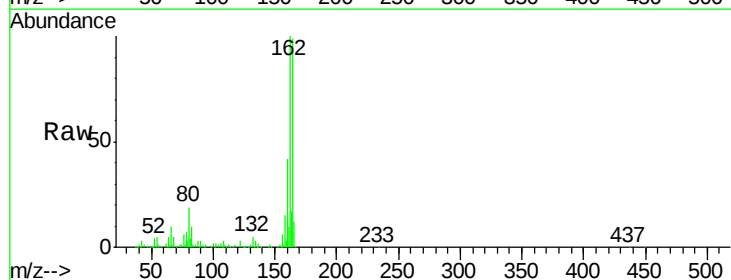


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

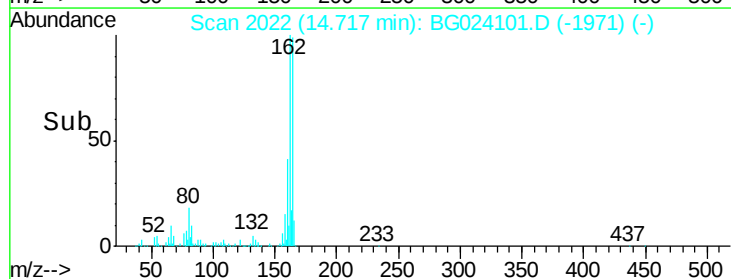
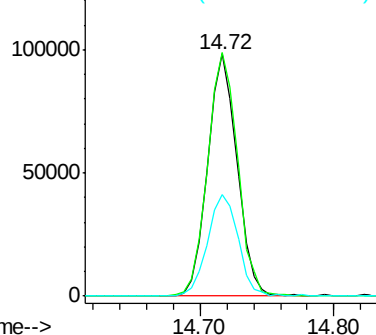


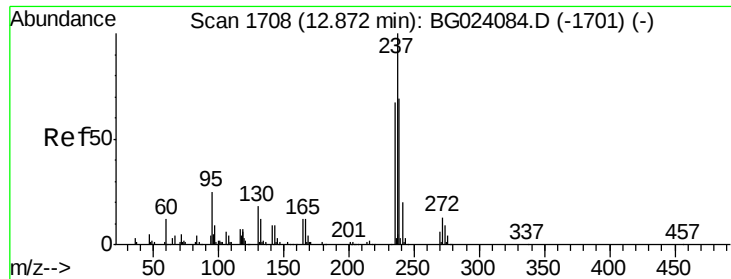
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG024101.D
Acq: 23 Sep 2016 23:53

Tgt Ion:164 Resp: 149717
Ion Ratio Lower Upper
164 100
162 100.6 87.7 131.5
160 41.8 37.2 55.8



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

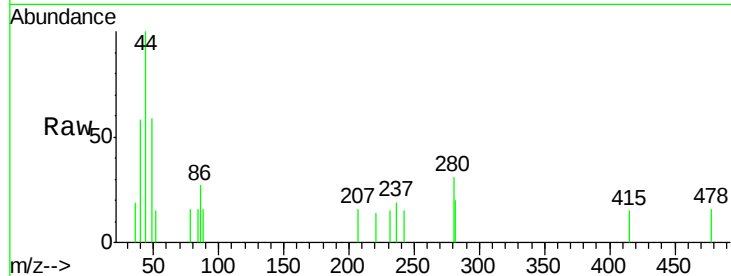




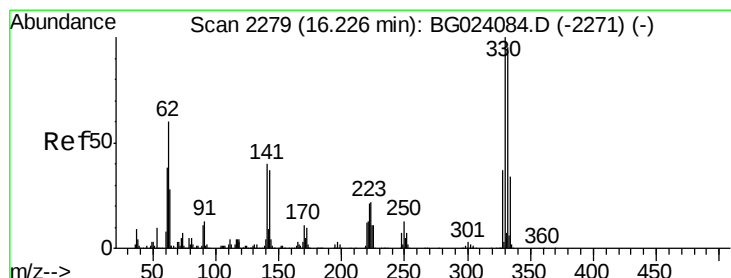
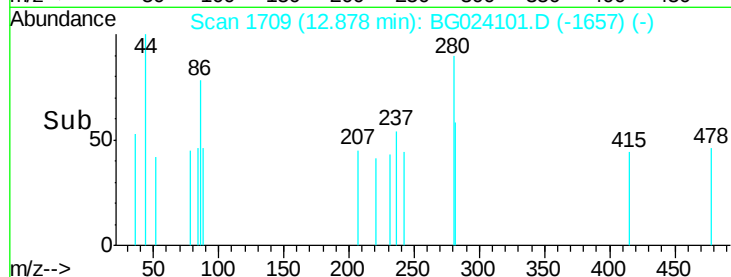
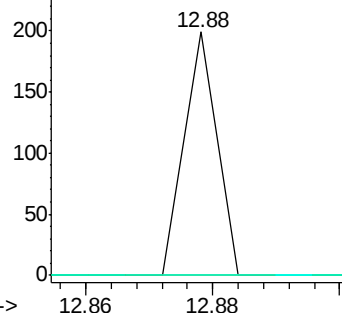
#40
Hexachlorocyclopentadiene
Concen: 3.63 ng
RT: 12.88 min Scan# 1709
Delta R.T. 0.01 min
Lab File: BG024101.D
Acq: 23 Sep 2016 23:53

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion: 237 Resp: 70
Ion Ratio Lower Upper
237 100
235 0.0 43.1 83.1#
272 0.0 0.0 30.9

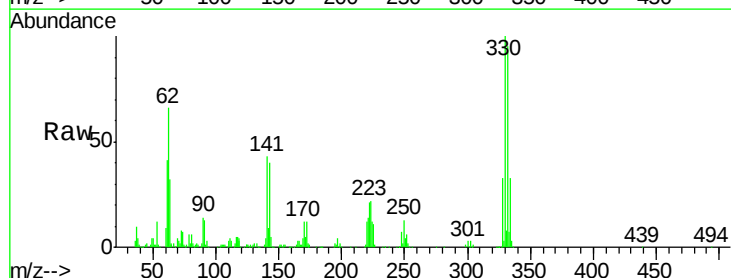


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

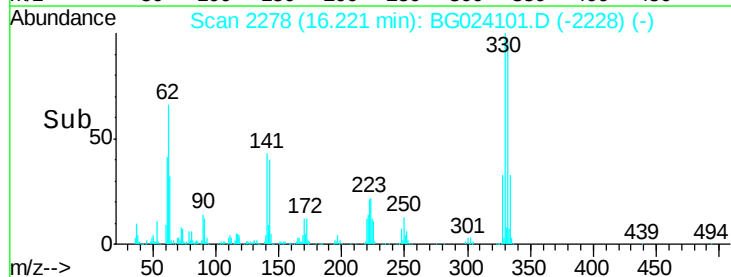
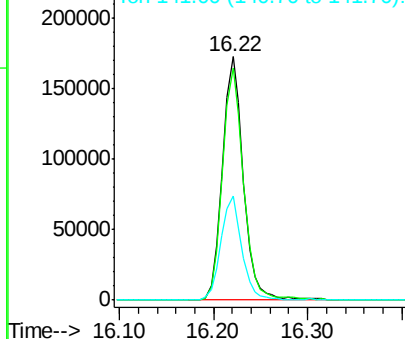


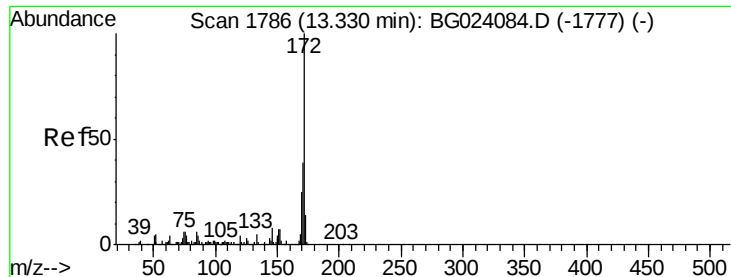
#41
2,4,6-Tribromophenol
Concen: 124.57 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG024101.D
Acq: 23 Sep 2016 23:53

Tgt Ion: 330 Resp: 268086
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 42.7 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: 81.45 ng

RT: 13.32 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BG024101.D

Acq: 23 Sep 2016 23:53

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-05-QT4

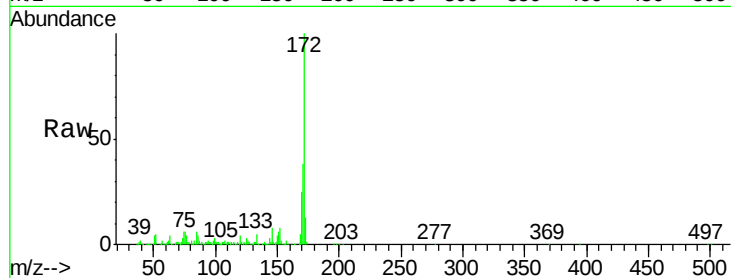
Tgt Ion:172 Resp: 725433

Ion Ratio Lower Upper

172 100

171 37.8 31.6 47.4

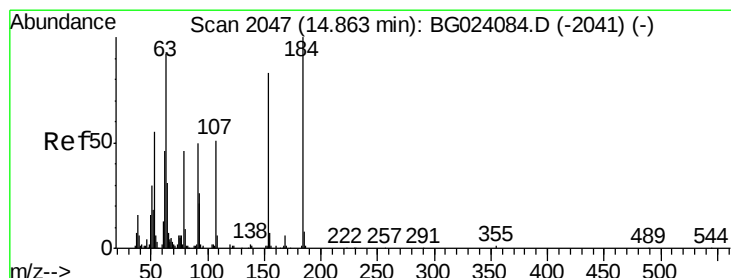
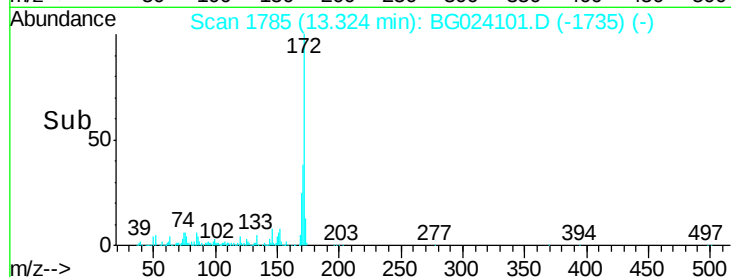
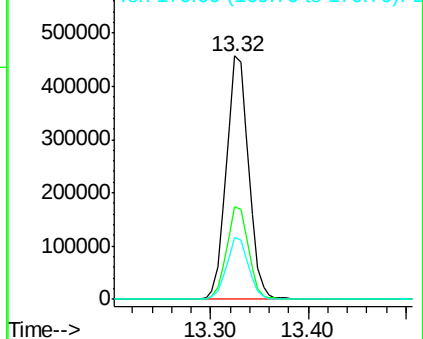
170 25.3 21.3 31.9



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



#53

2,4-Dinitrophenol

Concen: 2.51 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.05 min

Lab File: BG024101.D

Acq: 23 Sep 2016 23:53

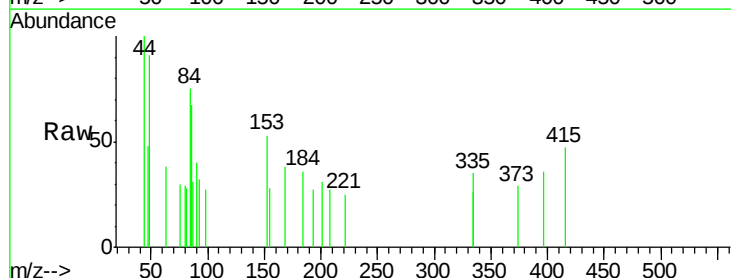
Tgt Ion:184 Resp: 76

Ion Ratio Lower Upper

184 100

63 104.2 59.6 89.4#

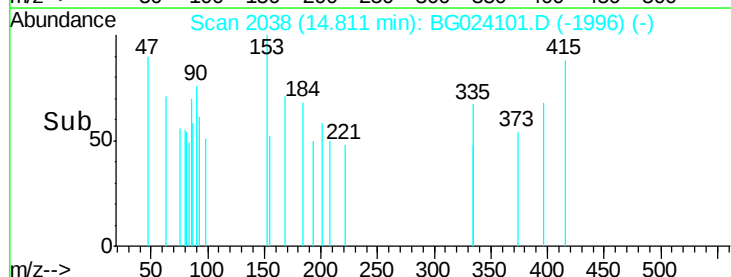
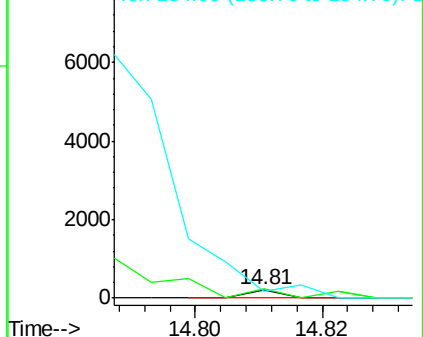
154 76.9 67.4 101.0

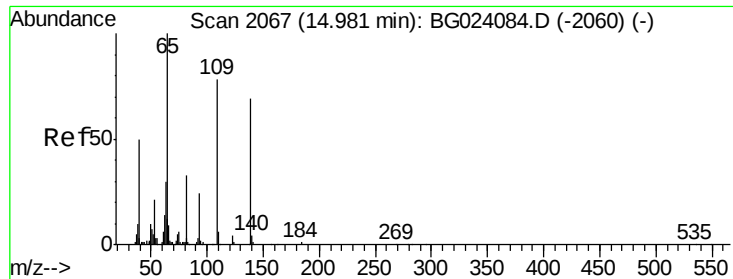


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

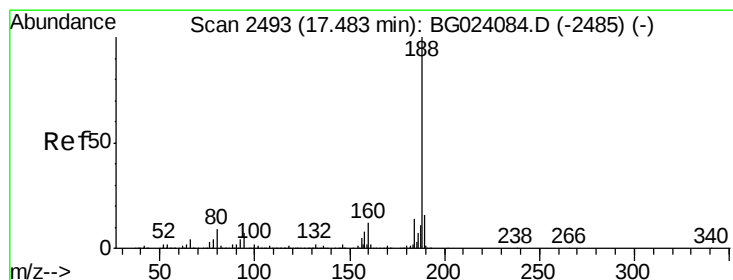
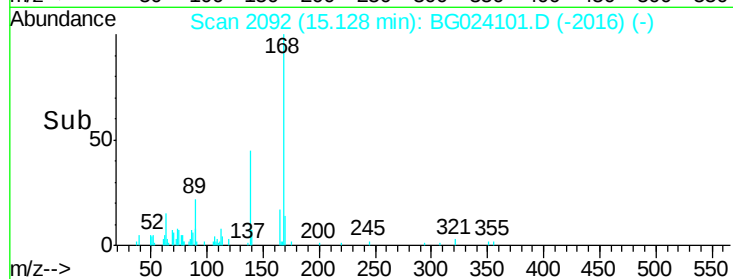
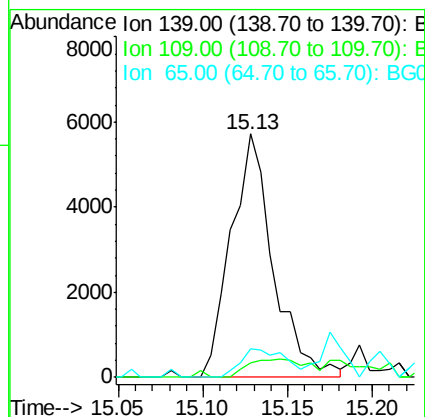
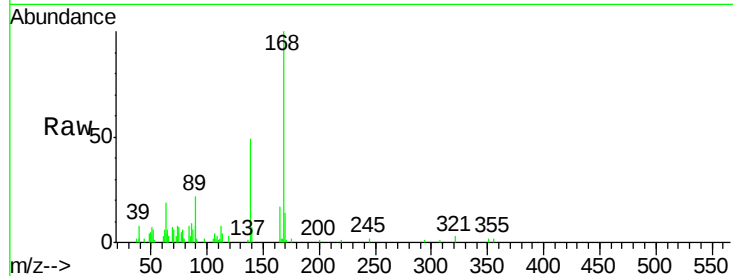




#55
4-Nitrophenol
Concen: 10.20 ng
RT: 15.13 min Scan# 2092
Delta R.T. 0.15 min
Lab File: BG024101.D
Acq: 23 Sep 2016 23:53

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-05-QT4

Tgt Ion:139 Resp: 9950
Ion Ratio Lower Upper
139 100
109 6.2 103.0 143.0#
65 12.0 112.7 152.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024101.D
Acq: 23 Sep 2016 23:53

Tgt Ion:188 Resp: 376651
Ion Ratio Lower Upper
188 100
94 6.7 5.2 7.8
80 8.7 7.2 10.8

