

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024103.D
 Acq On : 24 Sep 2016 1:10
 Operator : UM/SJ
 Sample : H4818-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 24 02:16:46 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

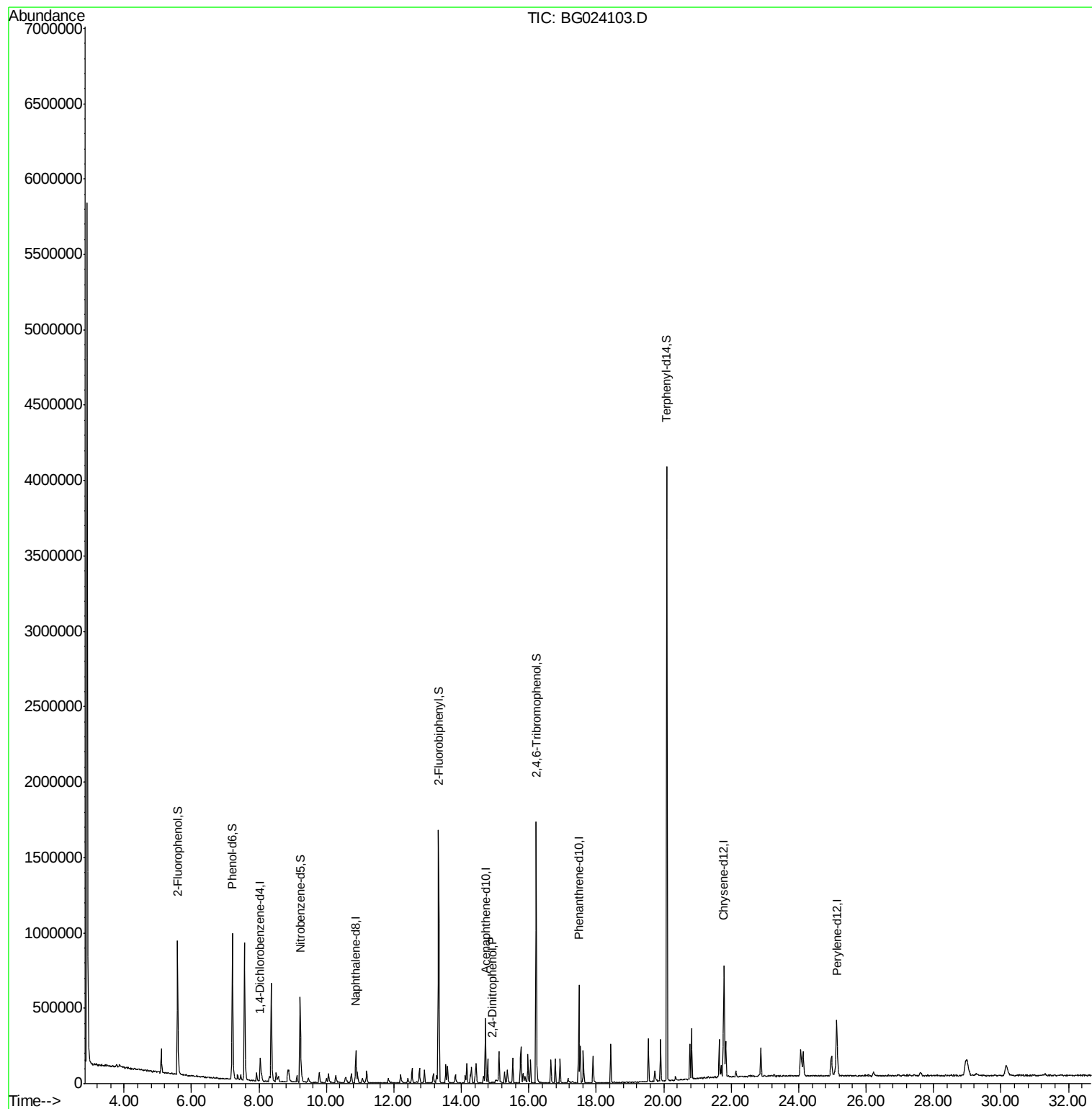
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	37618	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	174492	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	149759	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	369591	20.00	ng	0.00
75) Chrysene-d12	21.79	240	415191	20.00	ng	0.00
86) Perylene-d12	25.13	264	408012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	345949	159.32	ng	0.00
7) Phenol-d6	7.21	99	518287	141.86	ng	0.00
23) Nitrobenzene-d5	9.22	82	376387	85.02	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	296709	137.84	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	791642	88.86	ng	0.00
78) Terphenyl-d14	20.09	244	1584876	78.16	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.92	184	1780	3.82	ng	Qvalue # 64

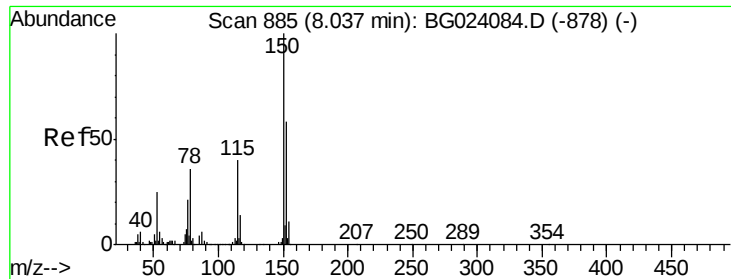
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG024103.D

Acq: 24 Sep 2016 1:10

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-05-QT4

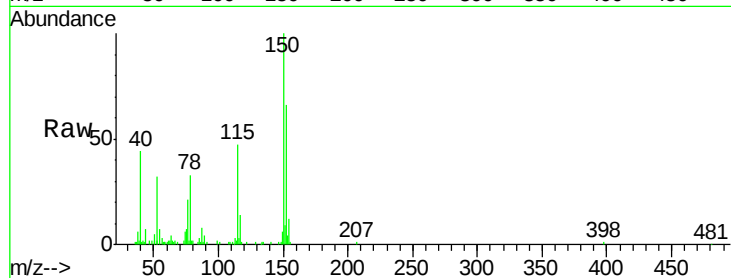
Tgt Ion:152 Resp: 37618

Ion Ratio Lower Upper

152 100

150 151.9 144.7 217.1

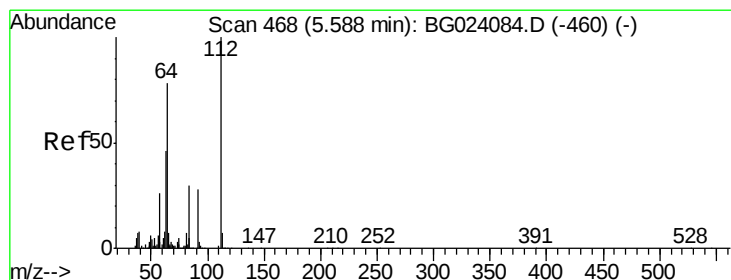
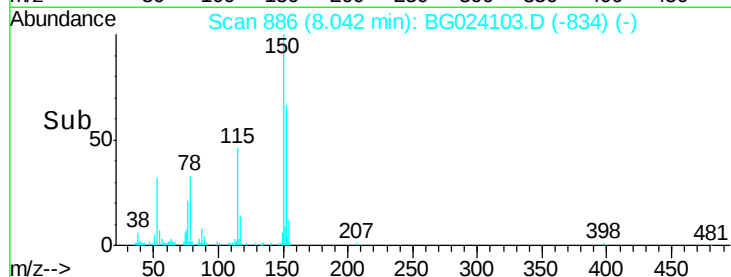
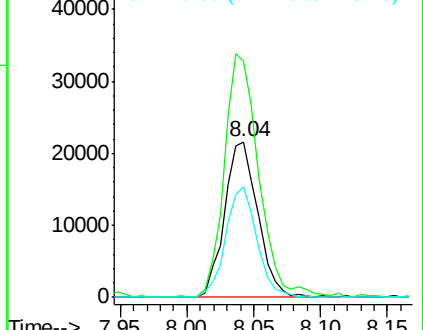
115 71.2 64.0 96.0



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: 159.32 ng

RT: 5.59 min Scan# 468

Delta R.T. -0.00 min

Lab File: BG024103.D

Acq: 24 Sep 2016 1:10

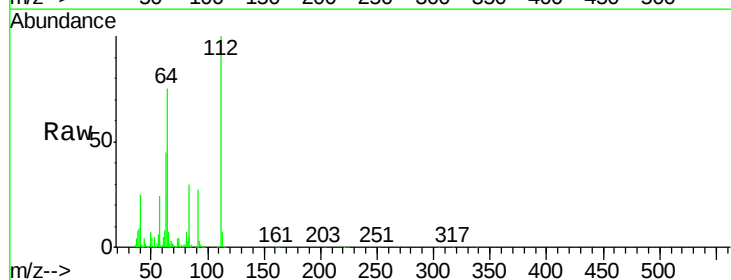
Tgt Ion:112 Resp: 345949

Ion Ratio Lower Upper

112 100

64 75.3 59.0 88.4

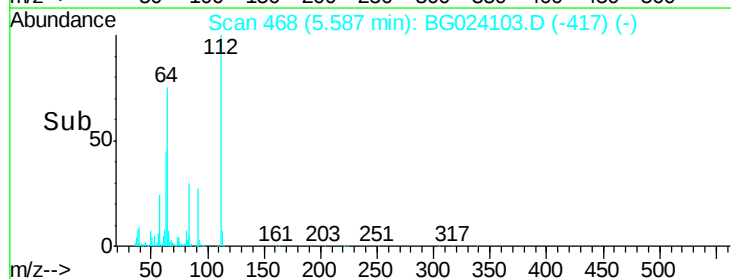
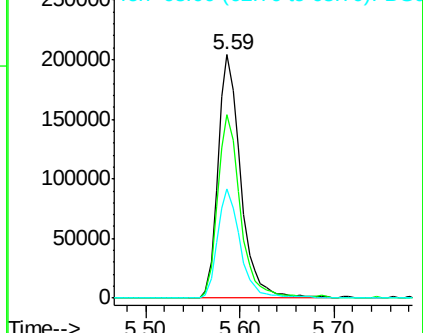
63 44.8 37.8 56.8

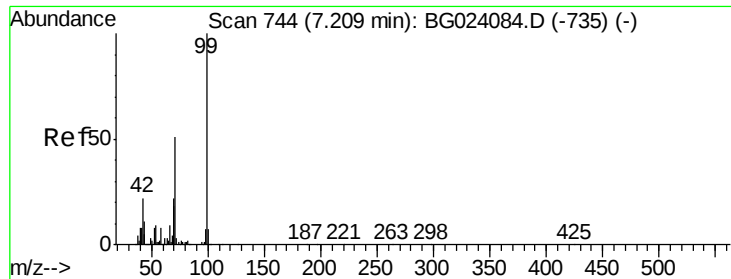


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 141.86 ng

RT: 7.21 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG024103.D

Acq: 24 Sep 2016 1:10

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-05-QT4

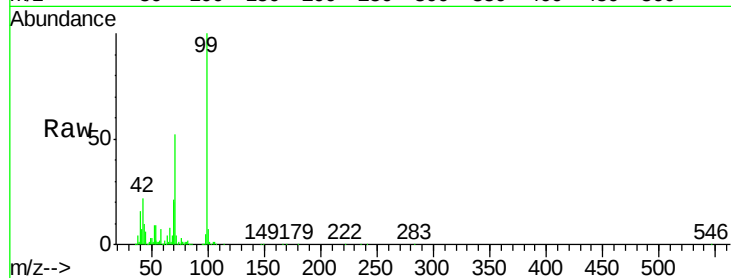
Tgt Ion: 99 Resp: 518287

Ion Ratio Lower Upper

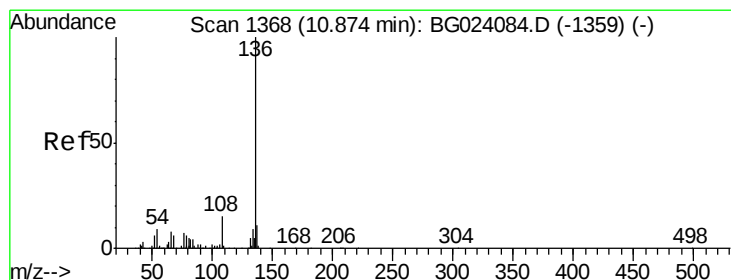
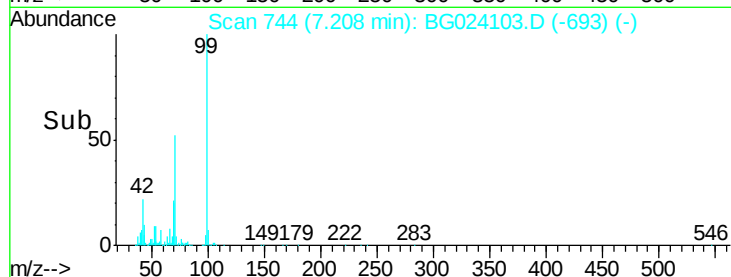
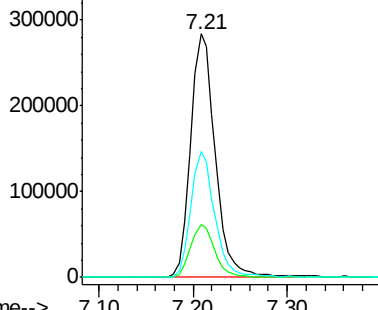
99 100

42 21.8 17.8 26.6

71 51.7 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: 10.87 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BG024103.D

Acq: 24 Sep 2016 1:10

Tgt Ion: 136 Resp: 174492

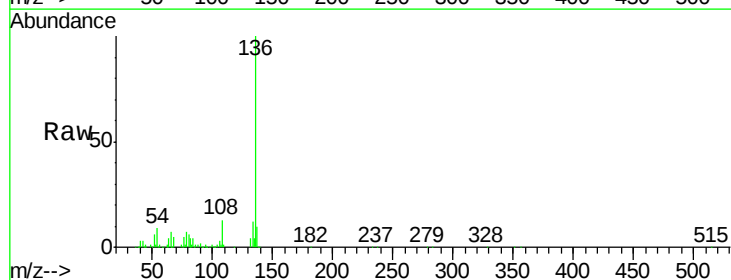
Ion Ratio Lower Upper

136 100

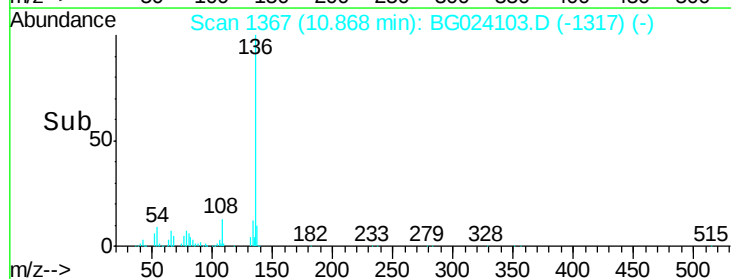
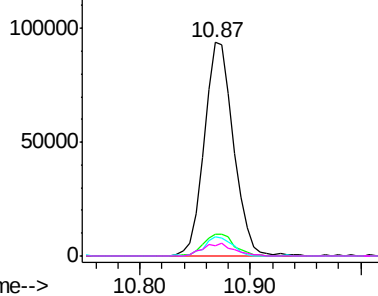
137 10.4 9.6 14.4

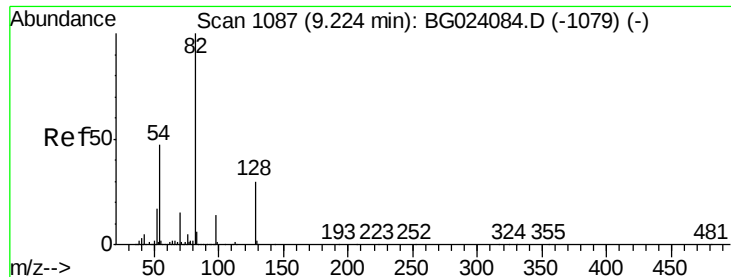
54 9.2 7.3 10.9

68 4.9 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

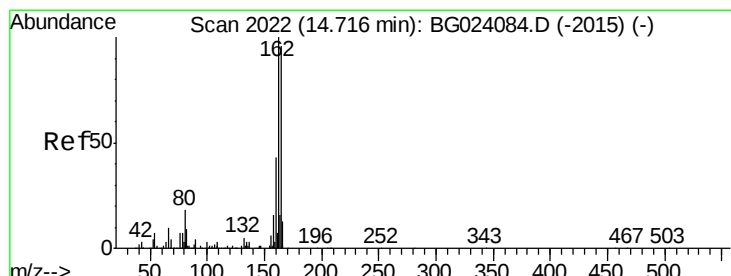
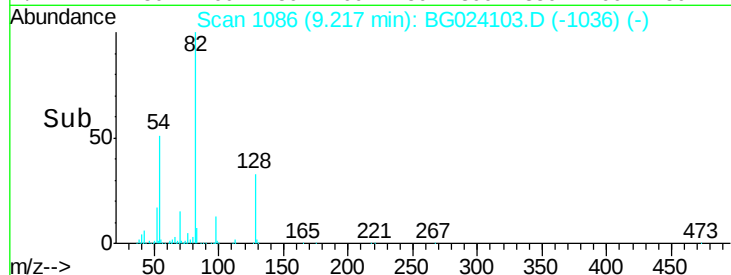
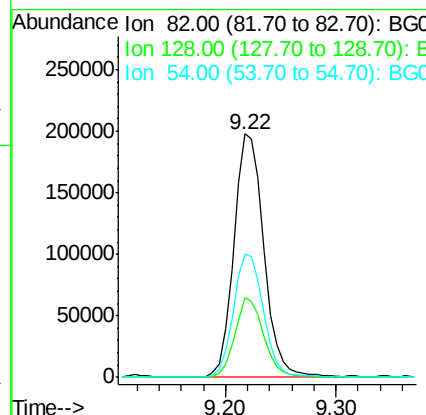
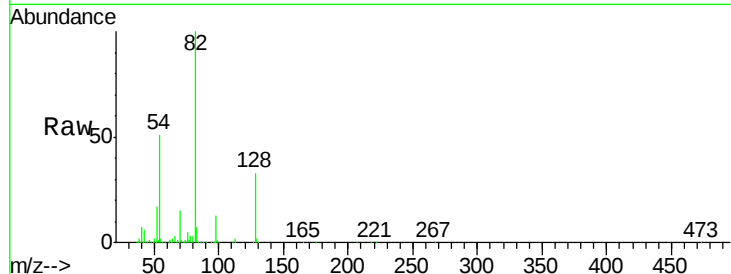




#23
 Nitrobenzene-d5
 Concen: 85.02 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024103.D
 Acq: 24 Sep 2016 1:10

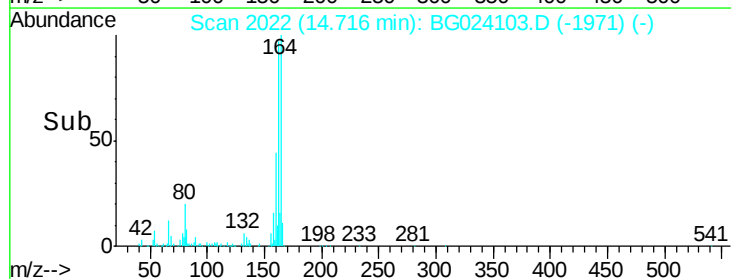
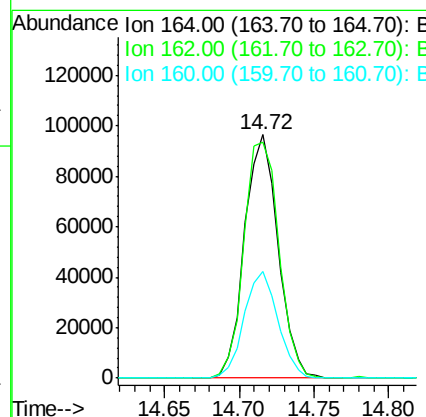
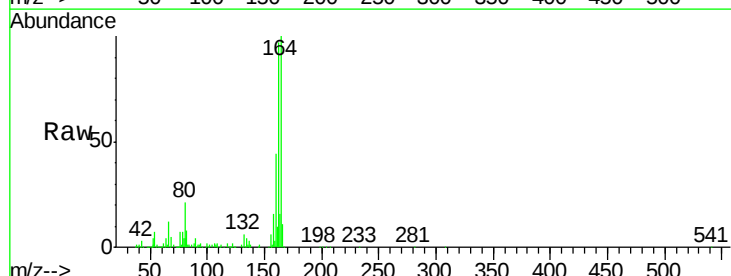
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-05-QT4

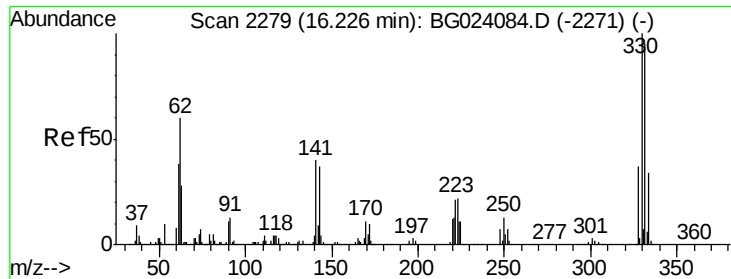
Tgt Ion: 82 Resp: 376387
 Ion Ratio Lower Upper
 82 100
 128 32.7 24.4 36.6
 54 50.8 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BG024103.D
 Acq: 24 Sep 2016 1:10

Tgt Ion: 164 Resp: 149759
 Ion Ratio Lower Upper
 164 100
 162 96.9 87.7 131.5
 160 43.8 37.2 55.8

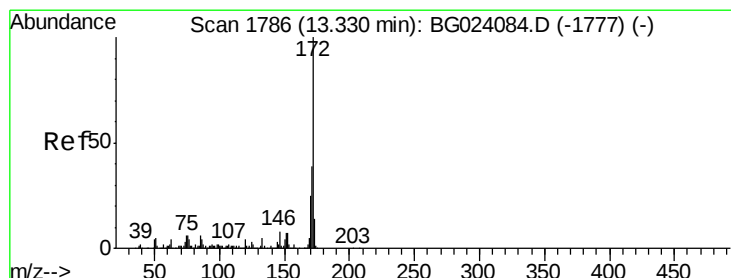
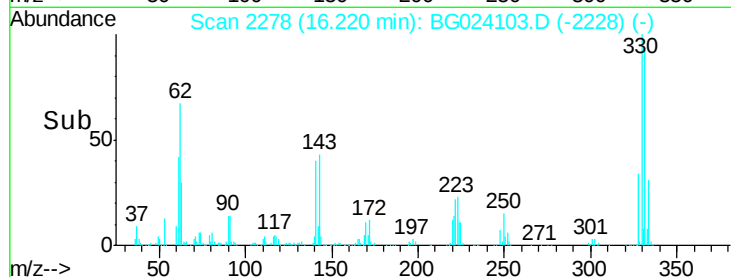
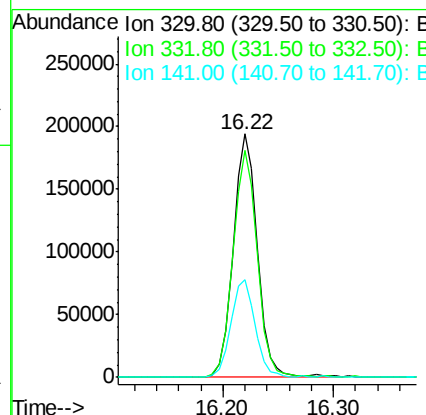
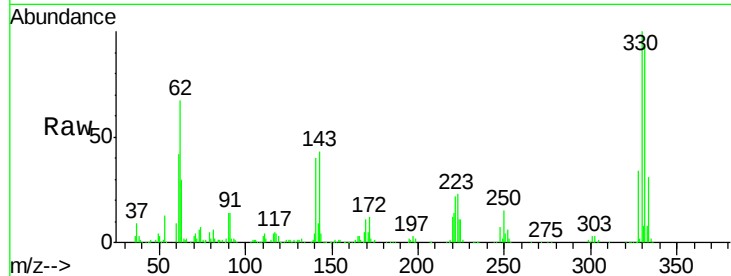




#41
 2,4,6-Tribromophenol
 Concen: 137.84 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024103.D
 Acq: 24 Sep 2016 1:10

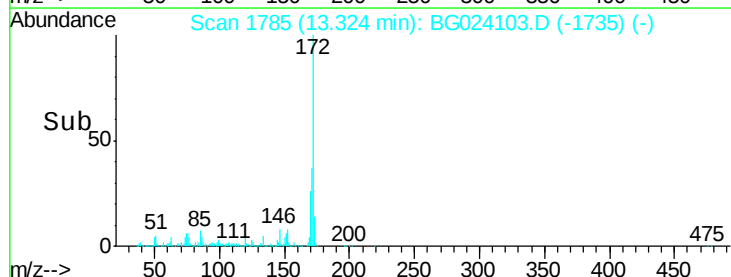
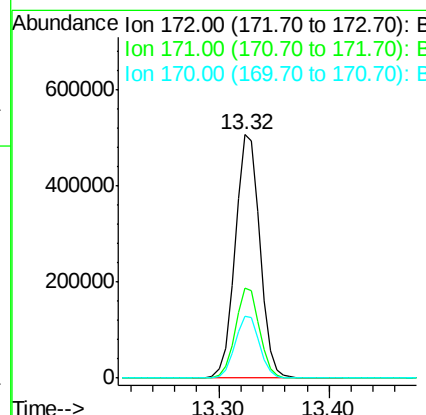
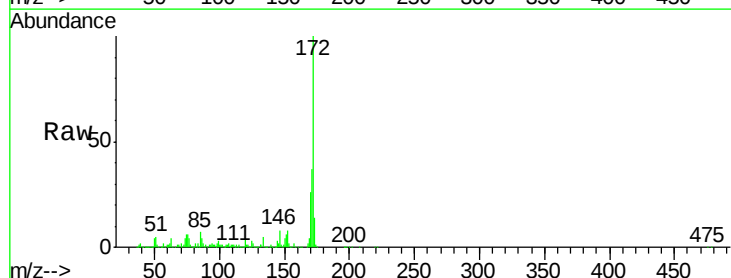
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-05-QT4

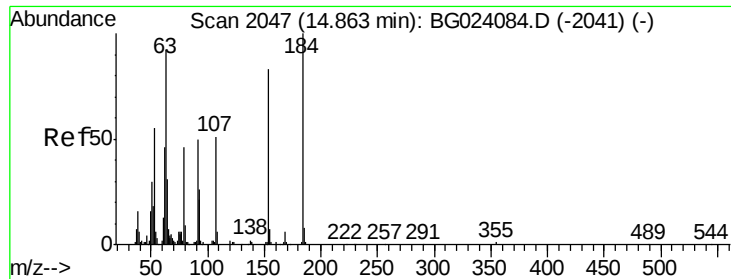
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.4	116.2
141	40.4	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 88.86 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024103.D
 Acq: 24 Sep 2016 1:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.6	47.4
170	25.6	21.3	31.9

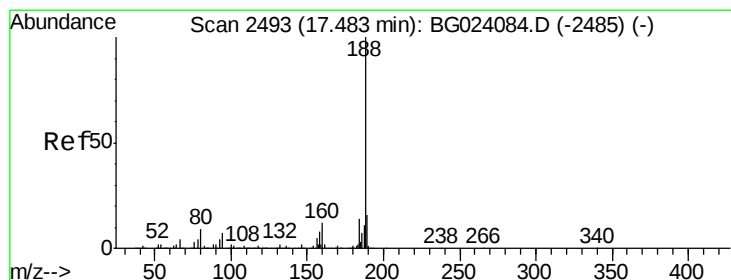
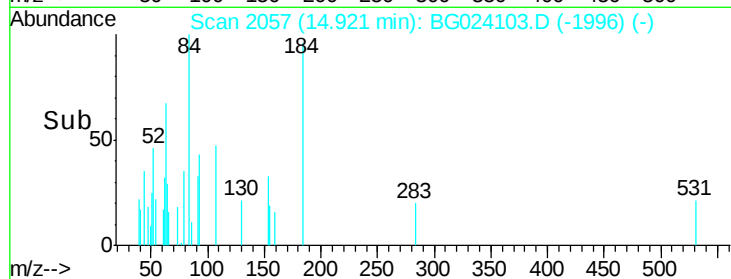
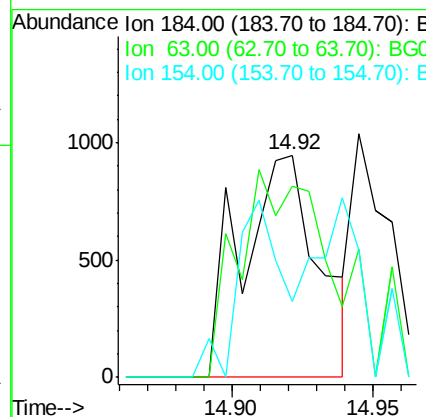
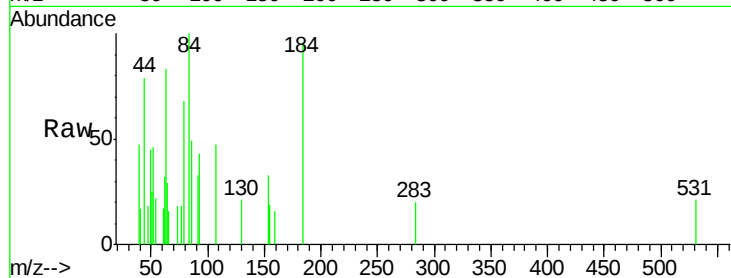




#53
 2,4-Dinitrophenol
 Concen: 3.82 ng
 RT: 14.92 min Scan# 2057
 Delta R.T. 0.06 min
 Lab File: BG024103.D
 Acq: 24 Sep 2016 1:10

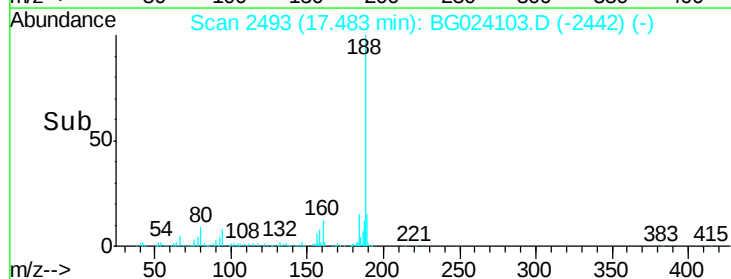
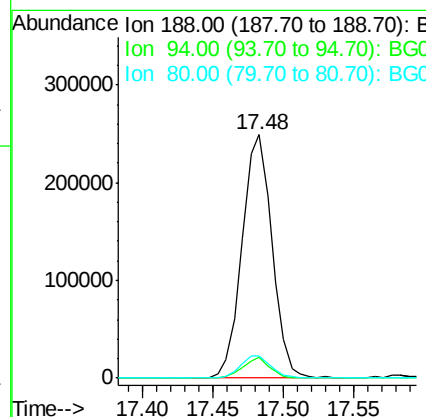
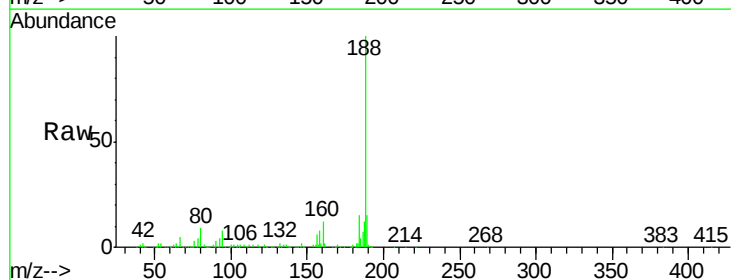
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 LOD-WATER2016-05-QT4

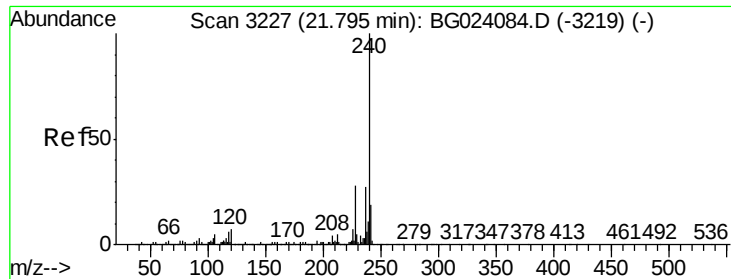
Tgt Ion:184 Resp: 1780
 Ion Ratio Lower Upper
 184 100
 63 86.2 59.6 89.4
 154 34.4 67.4 101.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BG024103.D
 Acq: 24 Sep 2016 1:10

Tgt Ion:188 Resp: 369591
 Ion Ratio Lower Upper
 188 100
 94 8.5 5.2 7.8#
 80 9.3 7.2 10.8

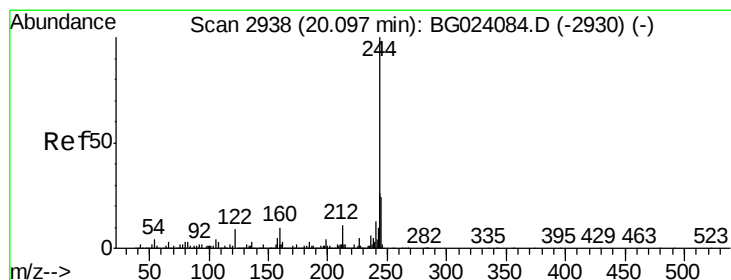
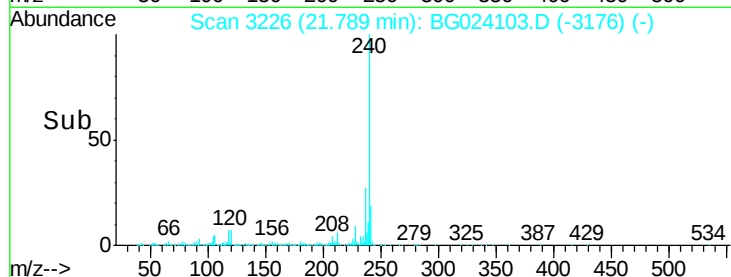
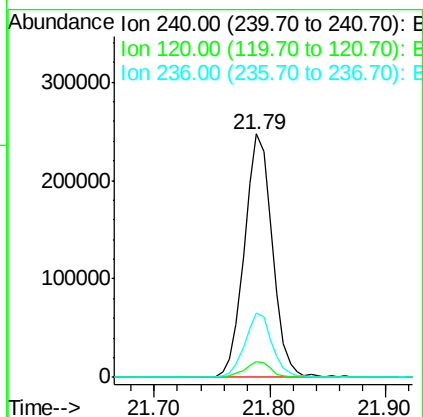
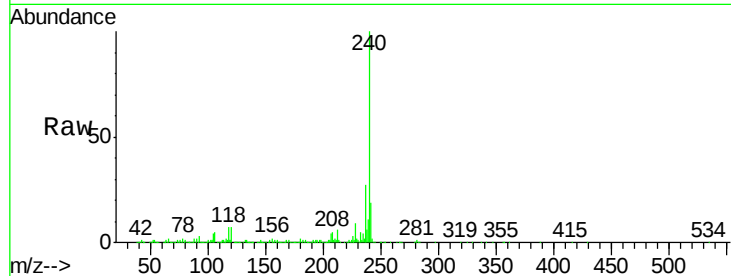




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024103.D
Acq: 24 Sep 2016 1:10

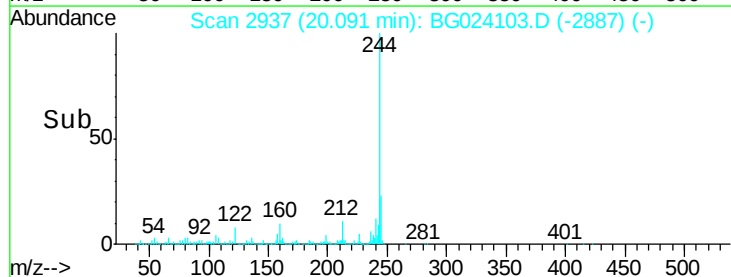
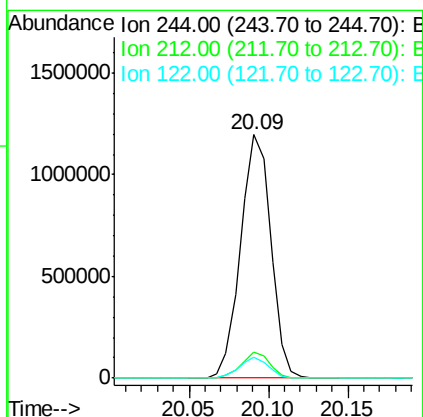
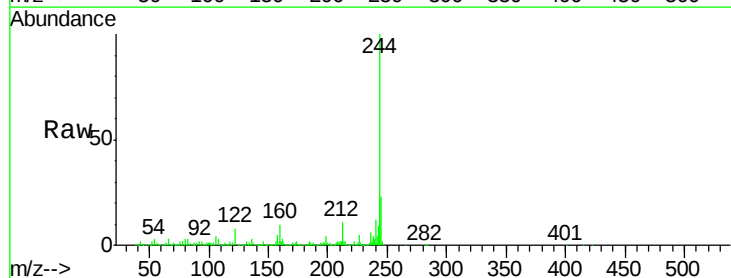
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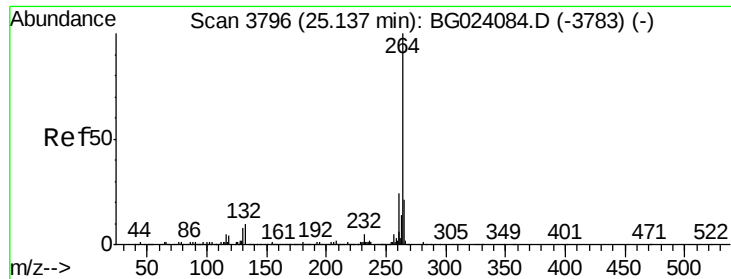
Tgt Ion:240 Resp: 415191
Ion Ratio Lower Upper
240 100
120 6.6 4.1 6.1#
236 26.6 21.1 31.7



#78
Terphenyl-d14
Concen: 78.16 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024103.D
Acq: 24 Sep 2016 1:10

Tgt Ion:244 Resp: 1584876
Ion Ratio Lower Upper
244 100
212 10.6 10.8 16.2#
122 8.5 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG024103.D
Acq: 24 Sep 2016 1:10

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.5	18.9	28.3

