

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024100.D
 Acq On : 23 Sep 2016 23:15
 Operator : UM/SJ
 Sample : H4818-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 24 00:27:26 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

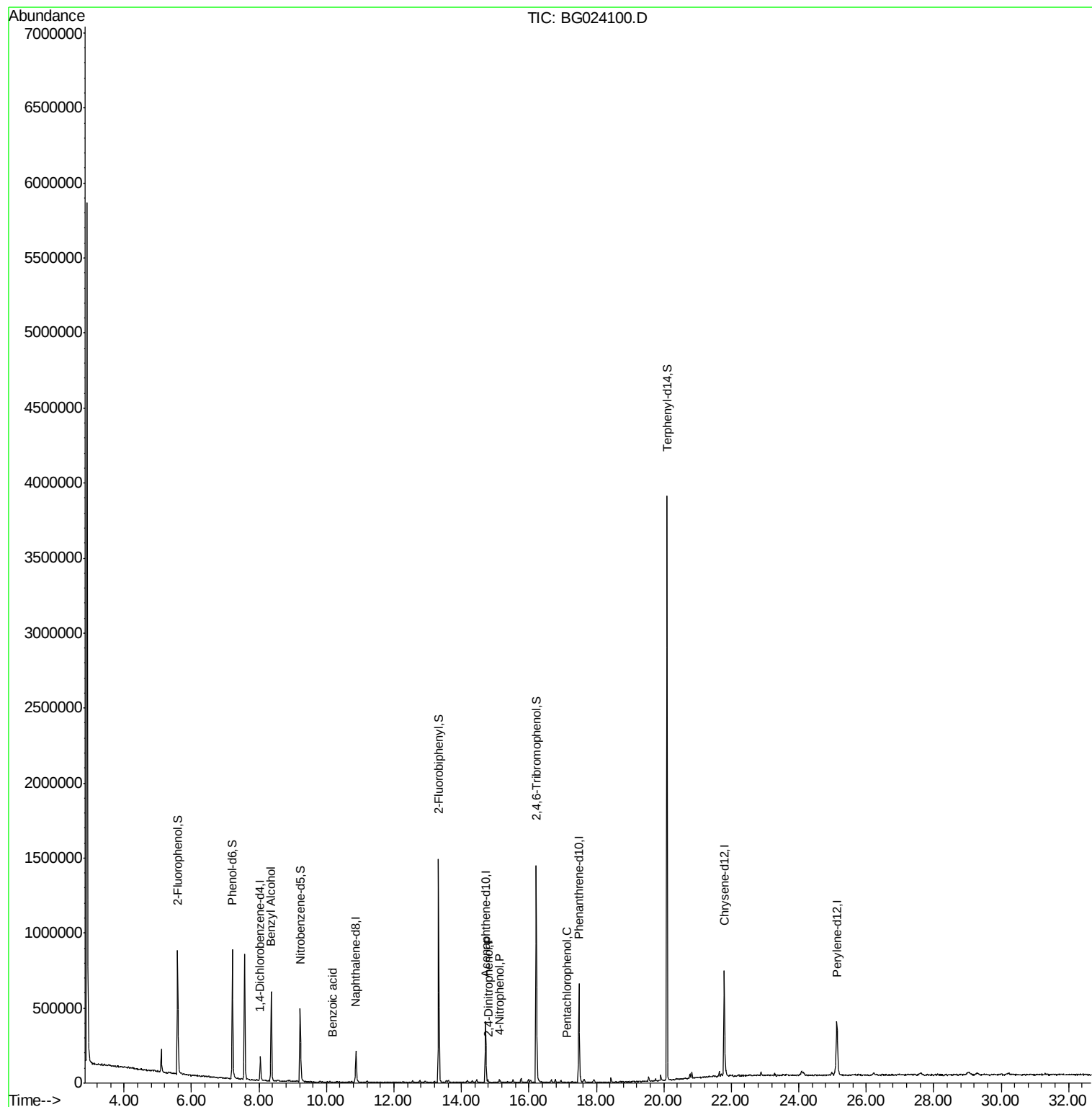
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	40356	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	175988	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	145625	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	379979	20.00	ng	0.00
75) Chrysene-d12	21.79	240	442936	20.00	ng	0.00
86) Perylene-d12	25.13	264	428792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	325403	139.69	ng	0.00
7) Phenol-d6	7.21	99	489308	124.84	ng	0.00
23) Nitrobenzene-d5	9.22	82	347946	77.92	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	268447	128.25	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	732217	84.52	ng	0.00
78) Terphenyl-d14	20.09	244	1563958	72.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	8607	2.27	ng	# 55
32) Benzoic acid	10.19	122	69	2.19	ng	# 1
53) 2,4-Dinitrophenol	14.81	184	61	2.50	ng	# 12
55) 4-Nitrophenol	15.13	139	4951	7.83	ng	# 1
69) Pentachlorophenol	17.11	266	132	3.61	ng	# 18

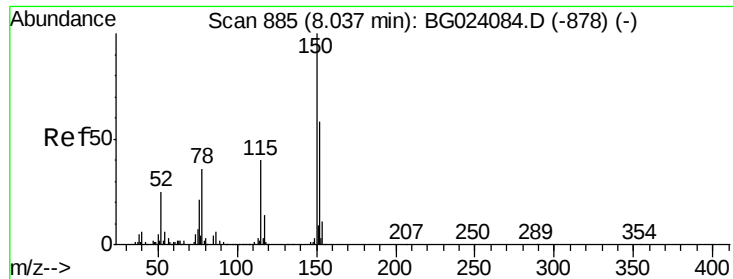
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024100.D

Acq: 23 Sep 2016 23:15

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-05-QT4

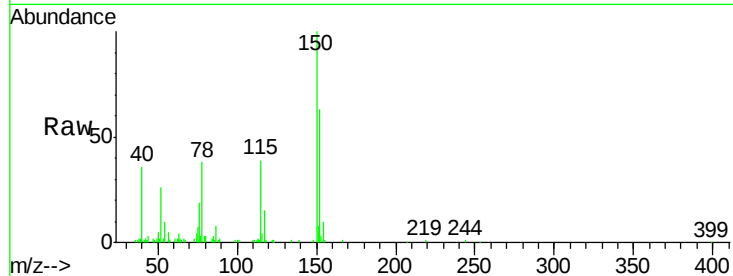
Tgt Ion:152 Resp: 40356

Ion Ratio Lower Upper

152 100

150 157.6 144.7 217.1

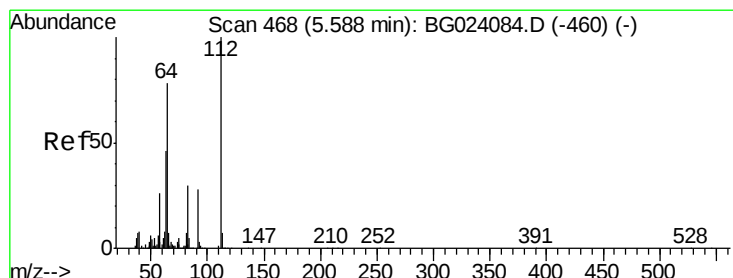
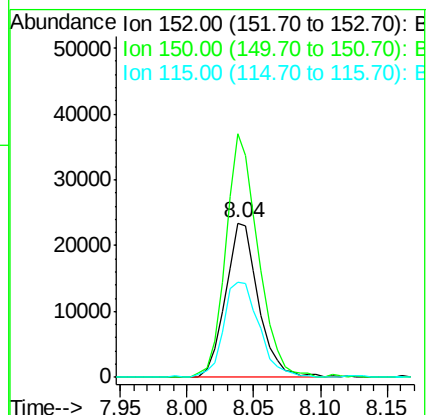
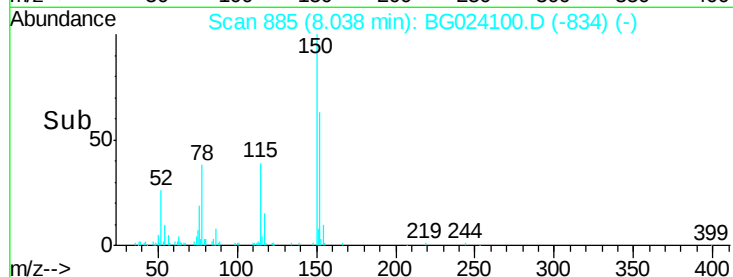
115 61.9 64.0 96.0#



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: 139.69 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024100.D

Acq: 23 Sep 2016 23:15

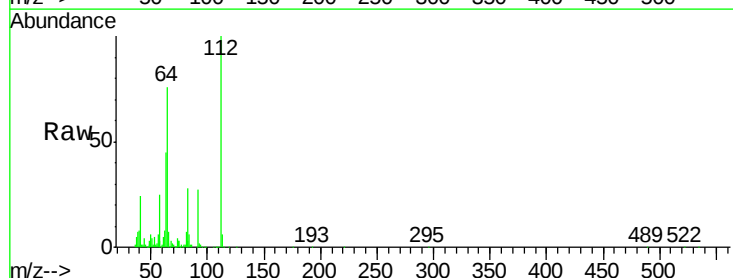
Tgt Ion:112 Resp: 325403

Ion Ratio Lower Upper

112 100

64 76.1 59.0 88.4

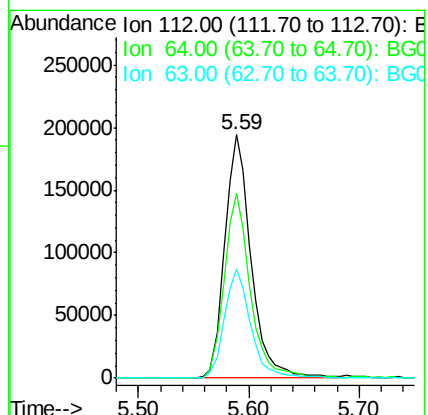
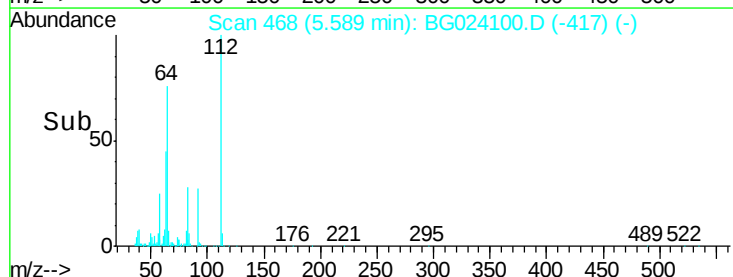
63 44.8 37.8 56.8

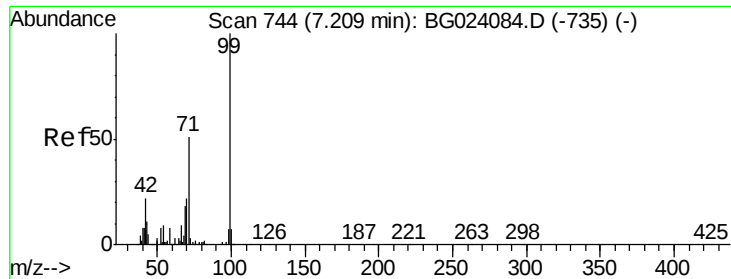


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.84 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024100.D

Acq: 23 Sep 2016 23:15

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-05-QT4

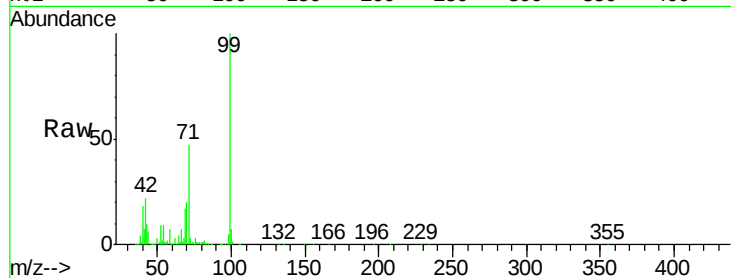
Tgt Ion: 99 Resp: 489308

Ion Ratio Lower Upper

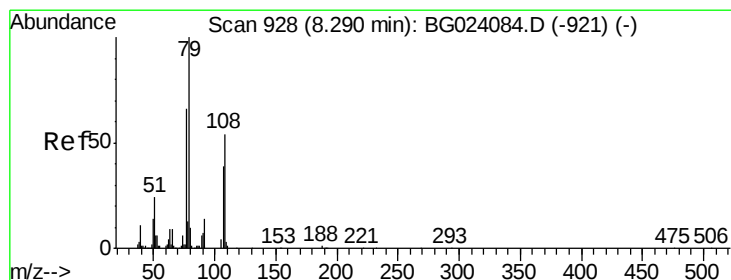
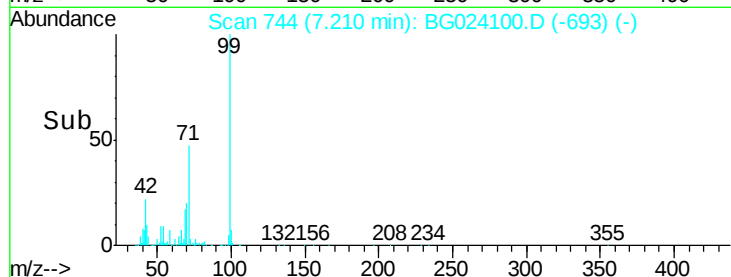
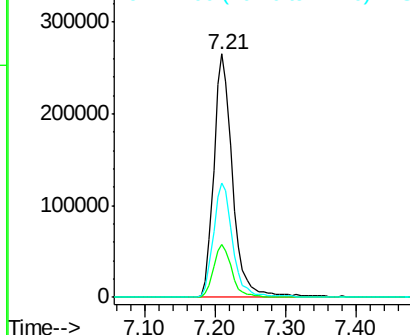
99 100

42 22.0 17.8 26.6

71 47.2 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: 2.27 ng

RT: 8.37 min Scan# 941

Delta R.T. 0.08 min

Lab File: BG024100.D

Acq: 23 Sep 2016 23:15

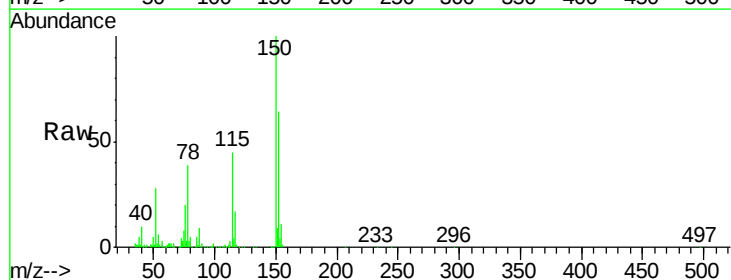
Tgt Ion: 79 Resp: 8607

Ion Ratio Lower Upper

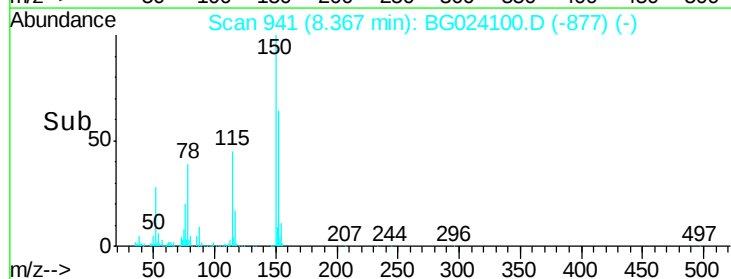
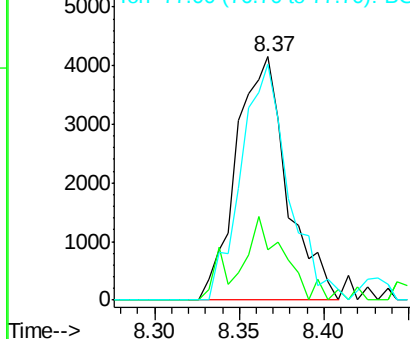
79 100

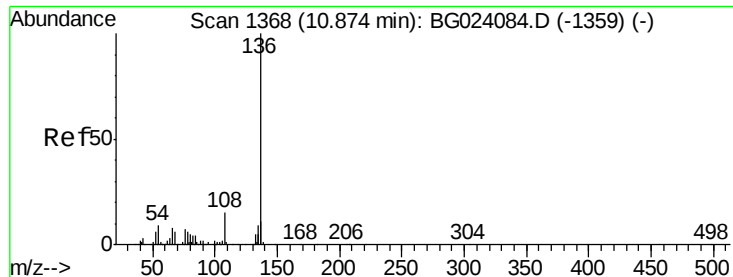
108 20.6 46.5 69.7#

77 97.0 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

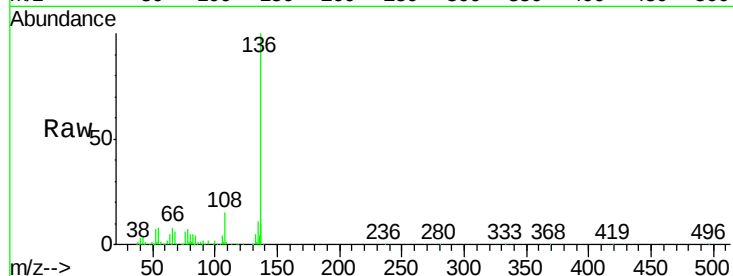




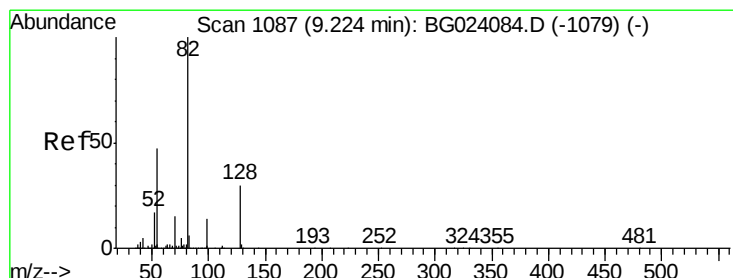
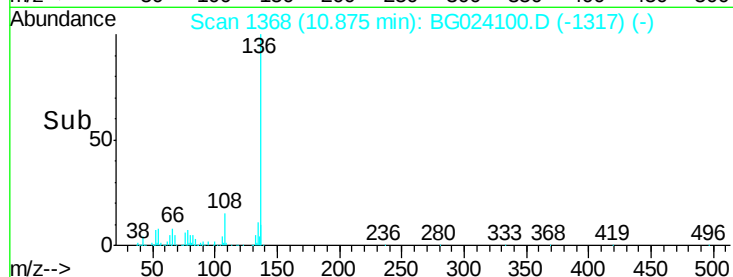
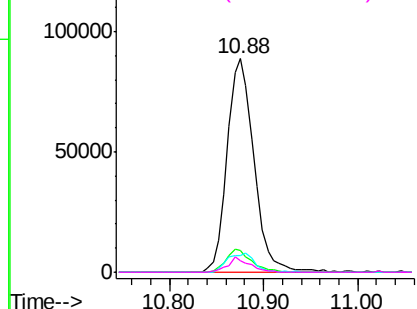
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

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

Tgt Ion:	136	Resp:	175988
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	8.1	7.3	10.9
68	5.5	5.3	7.9

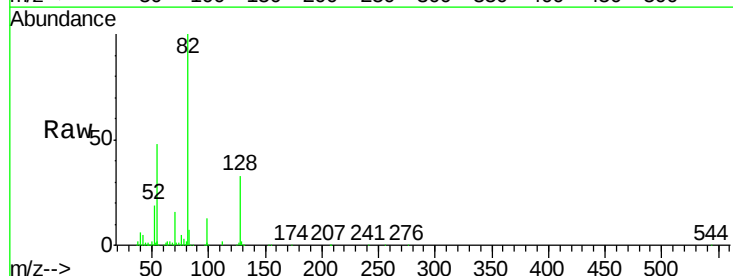


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

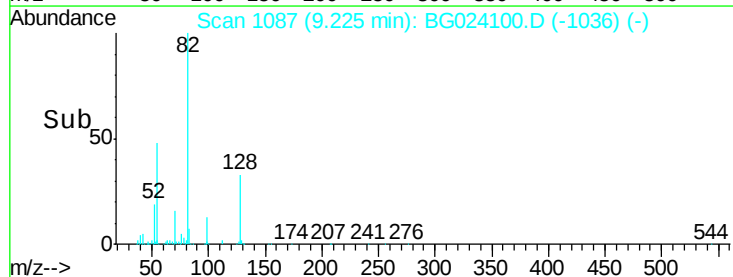
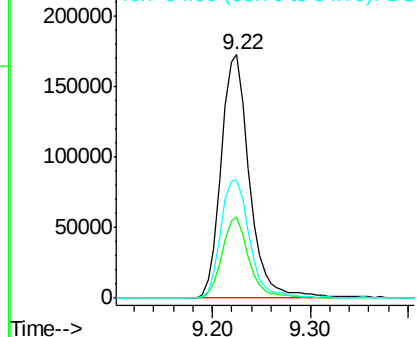


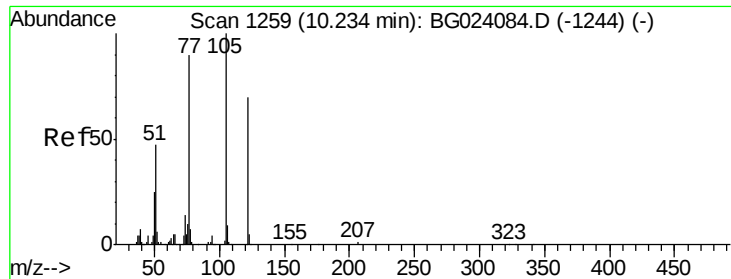
#23
Nitrobenzene-d5
Concen: 77.92 ng
RT: 9.22 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:	82	Resp:	347946
Ion	Ratio	Lower	Upper
82	100		
128	33.1	24.4	36.6
54	48.5	41.4	62.0



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: 2.19 ng

RT: 10.19 min Scan# 1252

Delta R.T. -0.04 min

Lab File: BG024100.D

Acq: 23 Sep 2016 23:15

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-05-QT4

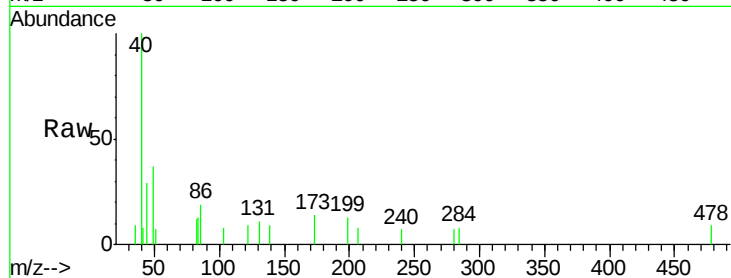
Tgt Ion:122 Resp: 69

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

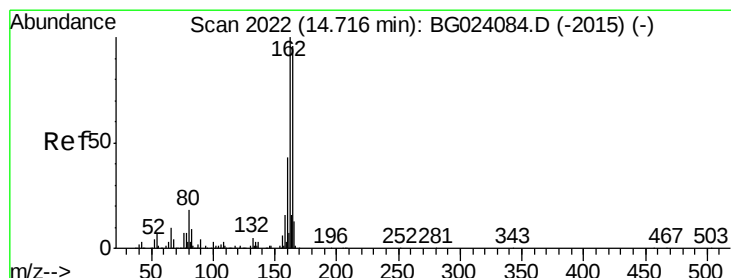
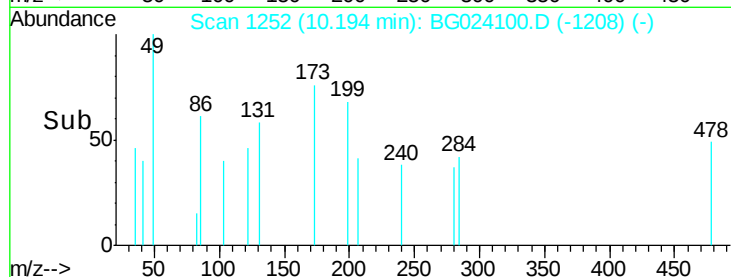
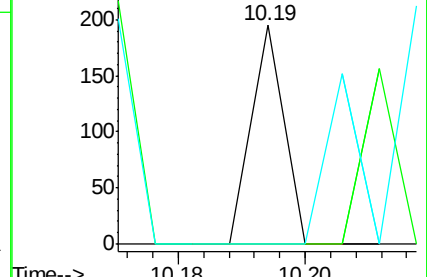
77 0.0 109.2 149.2#



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: BG024100.D

Acq: 23 Sep 2016 23:15

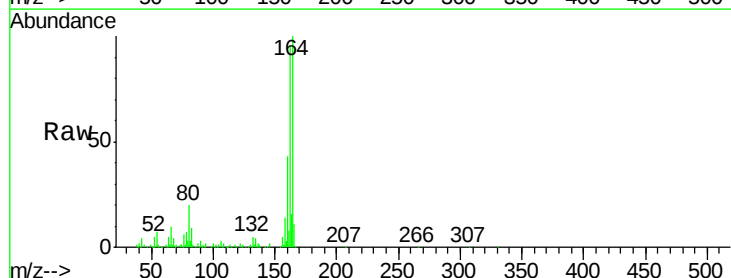
Tgt Ion:164 Resp: 145625

Ion Ratio Lower Upper

164 100

162 95.5 87.7 131.5

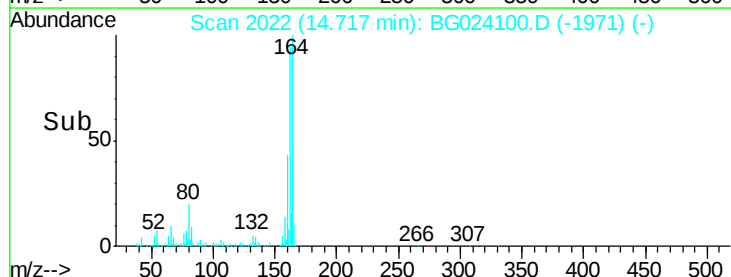
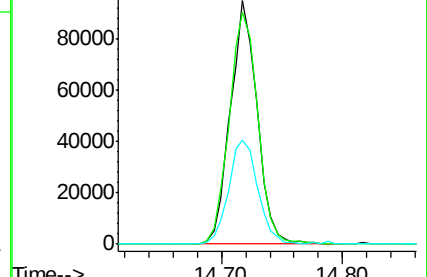
160 42.9 37.2 55.8

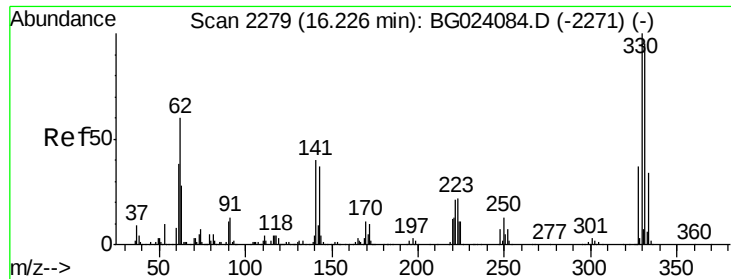


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

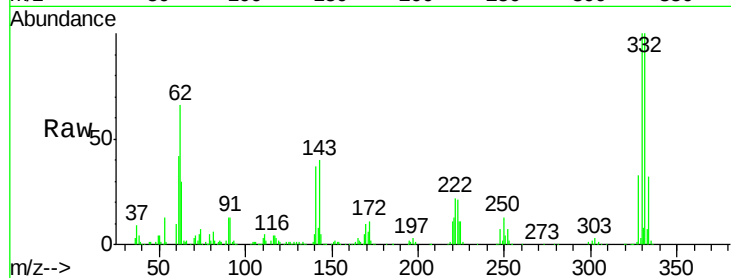




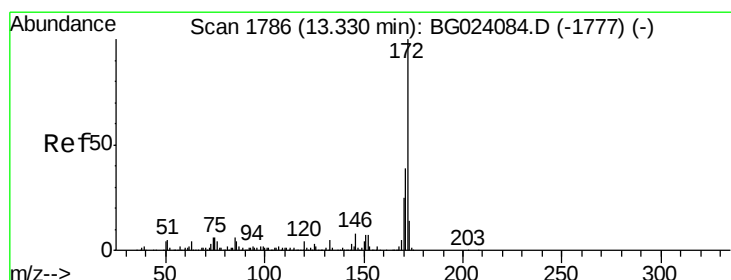
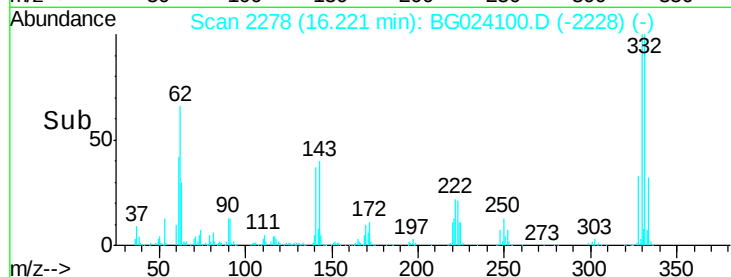
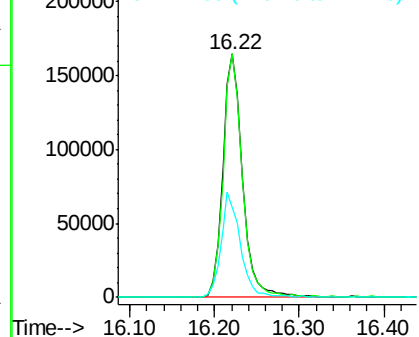
#41
 2,4,6-Tribromophenol
 Concen: 128.25 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BG024100.D
 Acq: 23 Sep 2016 23:15

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	42.3	31.7	47.5

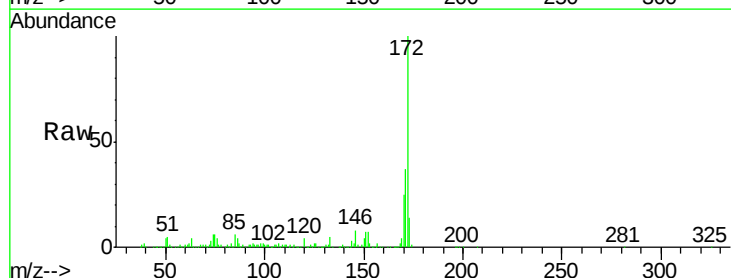


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

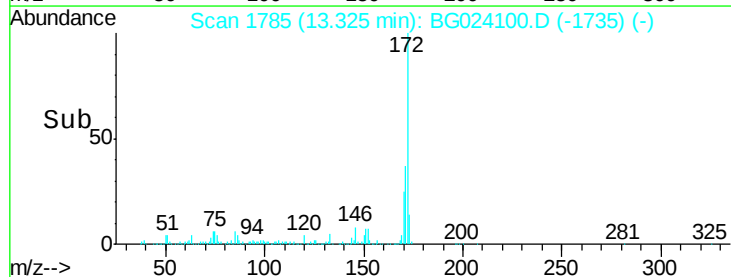
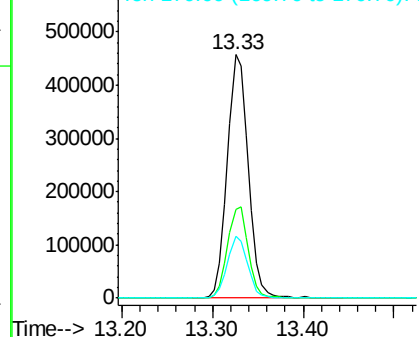


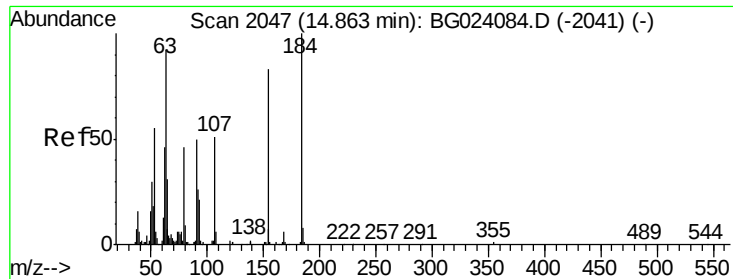
#44
 2-Fluorobiphenyl
 Concen: 84.52 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG024100.D
 Acq: 23 Sep 2016 23:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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

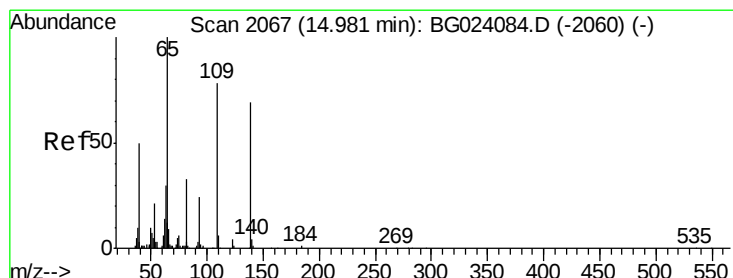
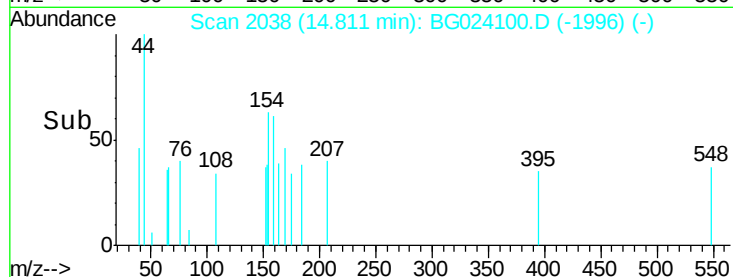
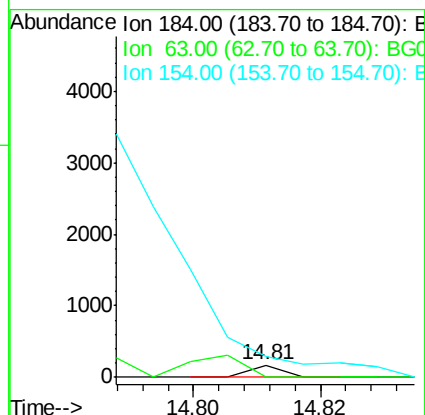
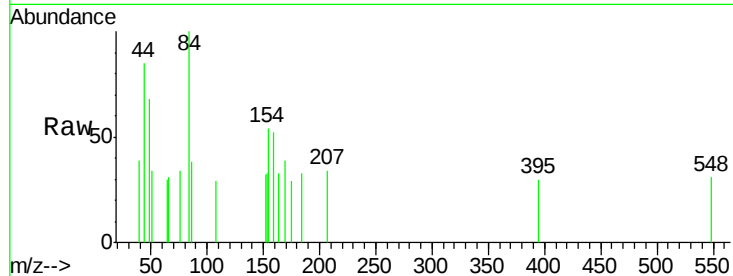




#53
2,4-Dinitrophenol
Concen: 2.50 ng
RT: 14.81 min Scan# 2038
Delta R.T. -0.05 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

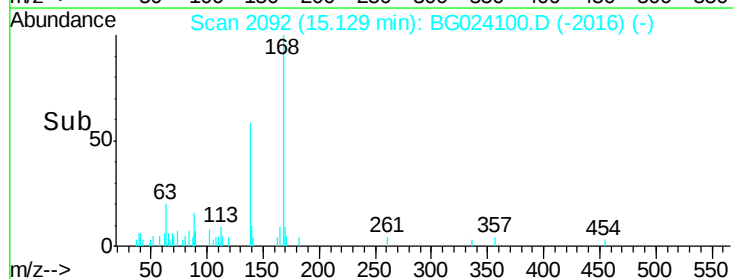
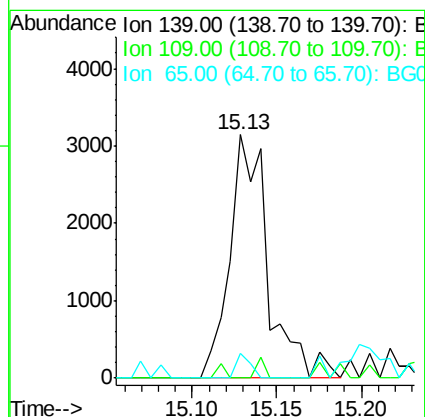
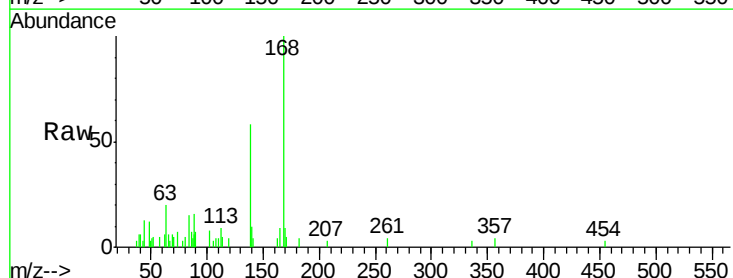
Instrument :
BNA_G
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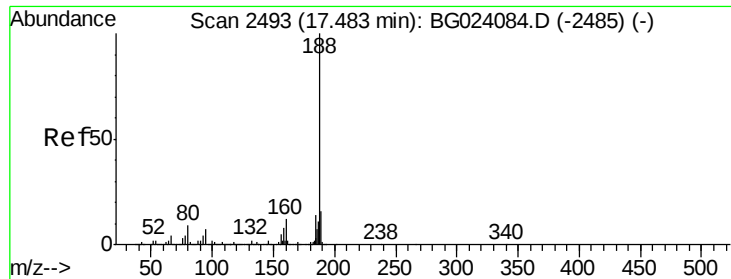
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 164.9 67.4 101.0#



#55
4-Nitrophenol
Concen: 7.83 ng
RT: 15.13 min Scan# 2092
Delta R.T. 0.15 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:139 Resp: 4951
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 9.9 112.7 152.7#

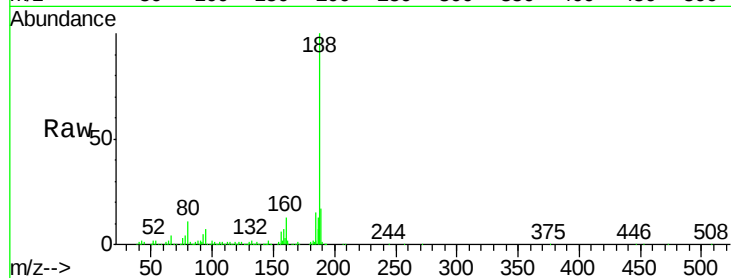




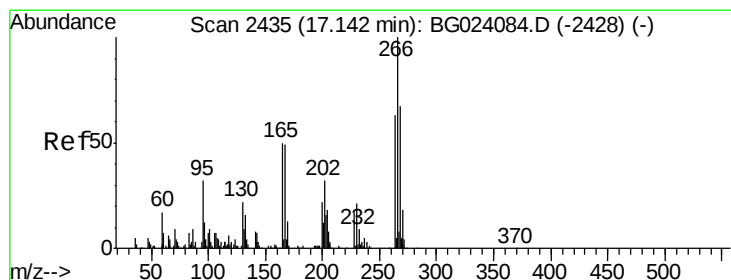
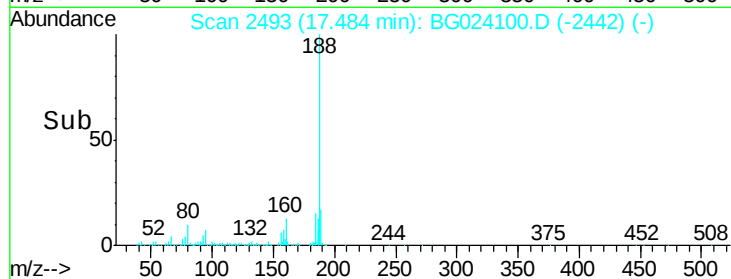
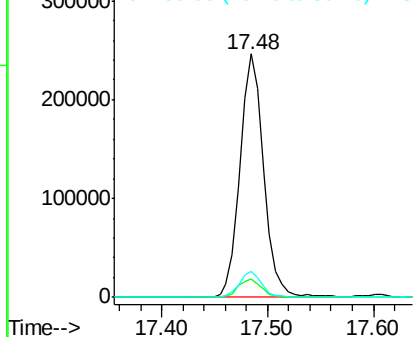
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. 0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

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

Tgt Ion:188 Resp: 379979
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 10.5 7.2 10.8

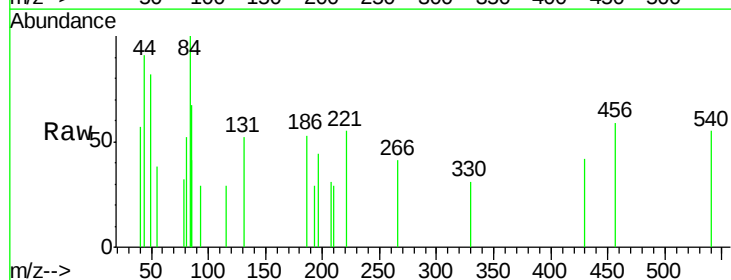


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

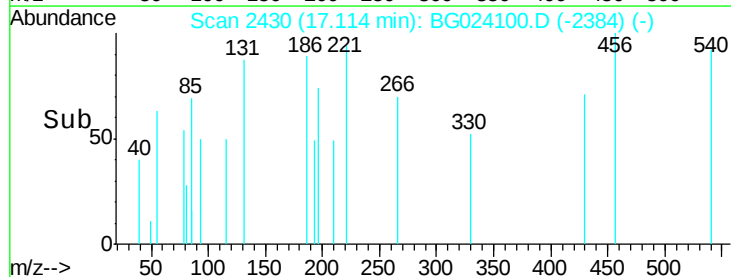
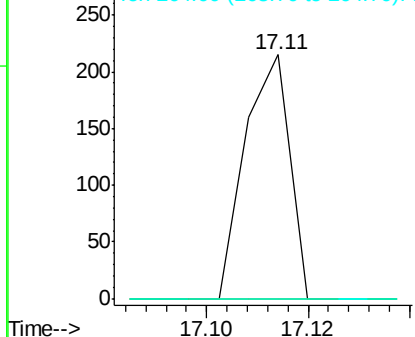


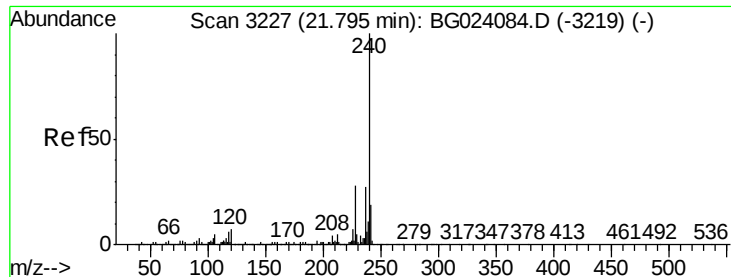
#69
Pentachlorophenol
Concen: 3.61 ng
RT: 17.11 min Scan# 2430
Delta R.T. -0.03 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

Tgt Ion:266 Resp: 132
Ion Ratio Lower Upper
266 100
268 0.0 51.9 77.9#
264 0.0 50.6 75.8#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG024100.D

Acq: 23 Sep 2016 23:15

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-05-QT4

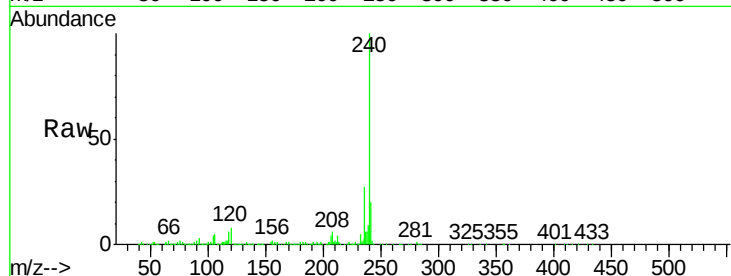
Tgt Ion:240 Resp: 442936

Ion Ratio Lower Upper

240 100

120 7.7 4.1 6.1#

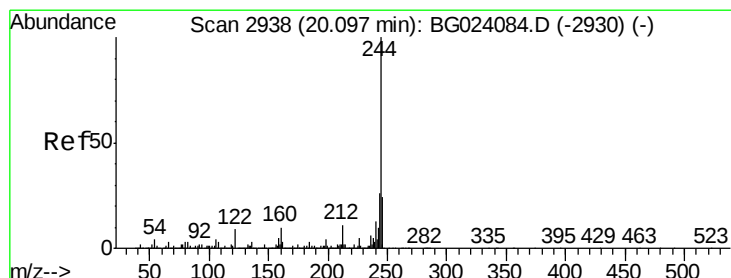
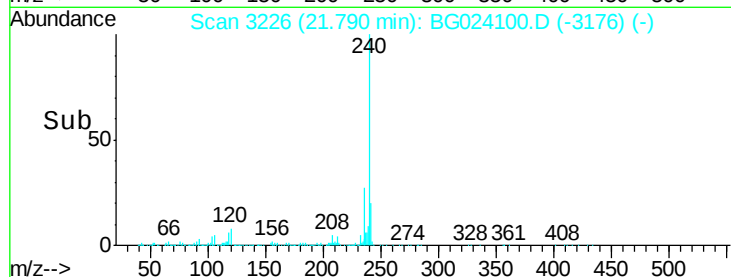
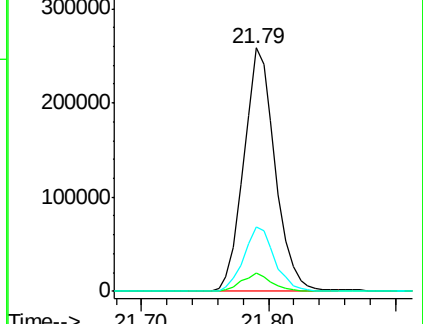
236 26.5 21.1 31.7



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: 72.30 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024100.D

Acq: 23 Sep 2016 23:15

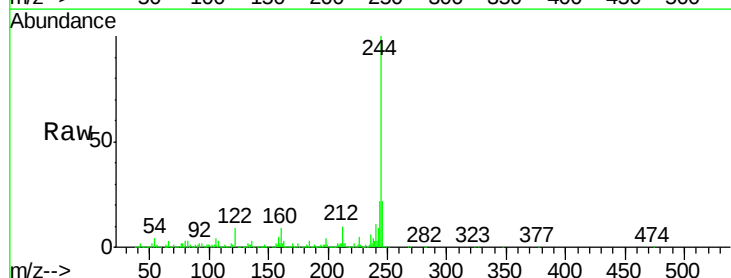
Tgt Ion:244 Resp: 1563958

Ion Ratio Lower Upper

244 100

212 10.4 10.8 16.2#

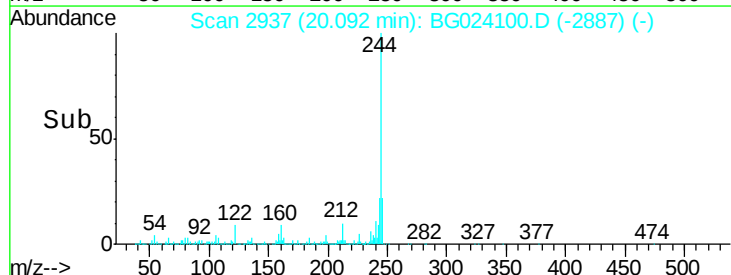
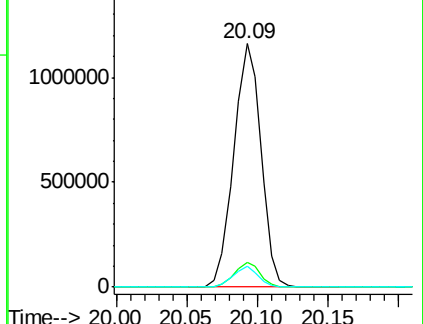
122 8.6 8.0 12.0

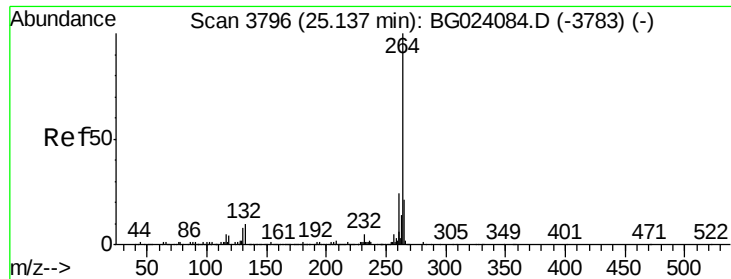


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

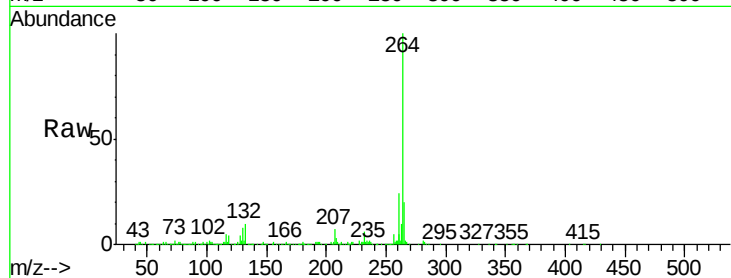




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3795
Delta R.T. -0.00 min
Lab File: BG024100.D
Acq: 23 Sep 2016 23:15

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

Tgt Ion:	264	Resp:	428792
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	20.1	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

