

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
 Data File : BG017265.D
 Acq On : 23 May 2015 4:29
 Operator : TP/IZ
 Sample : G2357-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-H2O-05

Quant Time: May 26 16:39:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 25 08:11:45 2015
 Response via : Initial Calibration

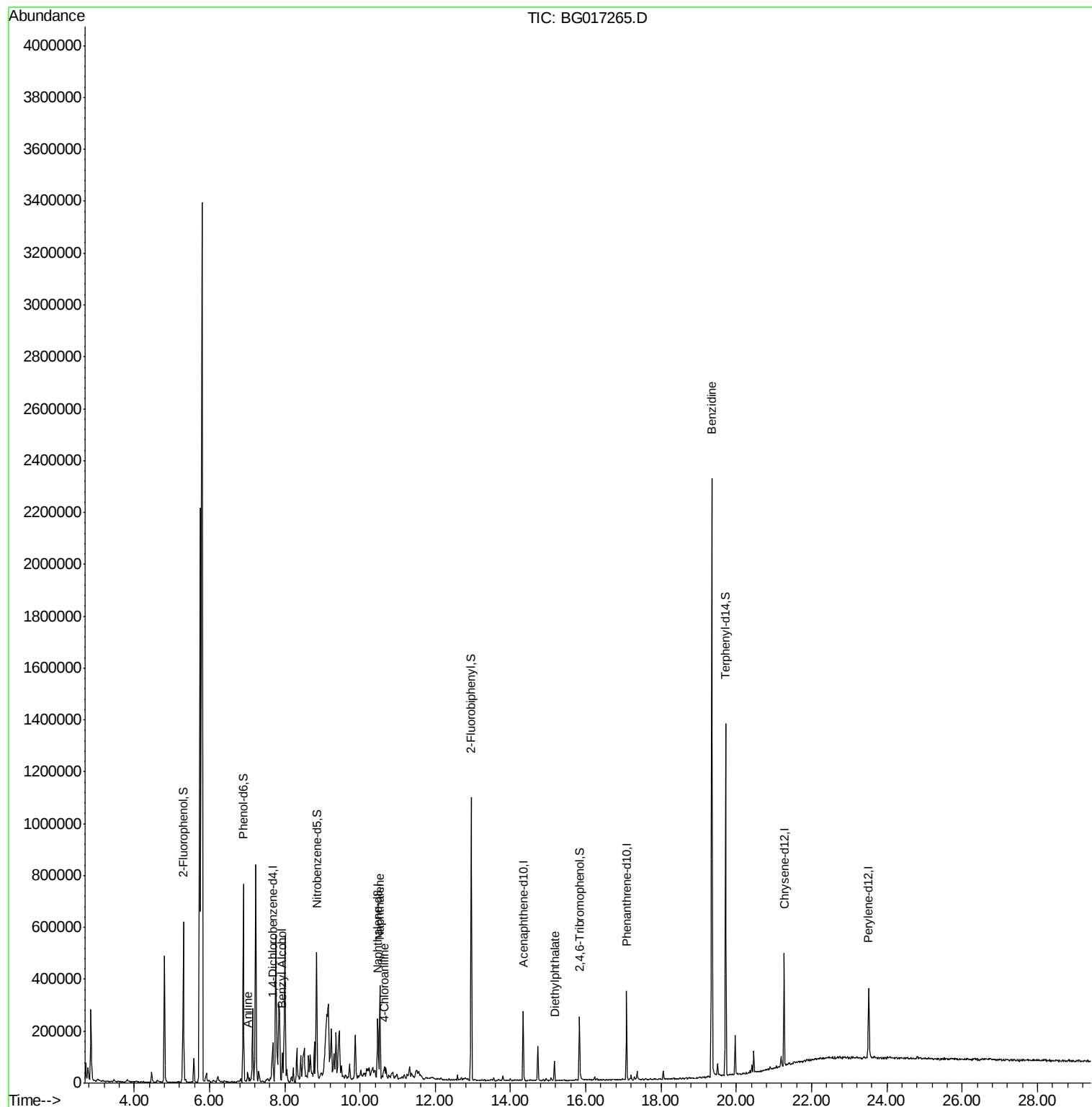
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	33539	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	137397	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	81885	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	178414	20.00	ng	0.00
75) Chrysene-d12	21.26	240	197217	20.00	ng	0.00
86) Perylene-d12	23.51	264	189026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	261753	138.47	ng	0.03
7) Phenol-d6	6.90	99	337201	127.11	ng	0.02
23) Nitrobenzene-d5	8.85	82	243519	82.75	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	36395	36.77	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	498566	89.34	ng	0.00
78) Terphenyl-d14	19.71	244	533359	56.36	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.02	93	18867	5.14	ng	97
15) Benzyl Alcohol	7.94	79	36388	14.12	ng	98
31) Naphthalene	10.52	128	248406	36.95	ng	96
33) 4-Chloroaniline	10.65	127	11205	3.52	ng	94
59) Diethylphthalate	15.16	149	36538	5.31	ng	99
76) Benzidine	19.35	184	1231604	191.27	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

Instrument :

BNA_G

ClientSampleId :

WC-H2O-05

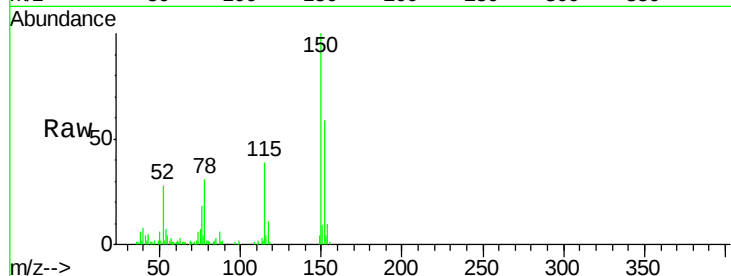
Tgt Ion:152 Resp: 33539

Ion Ratio Lower Upper

152 100

150 170.5 120.8 181.2

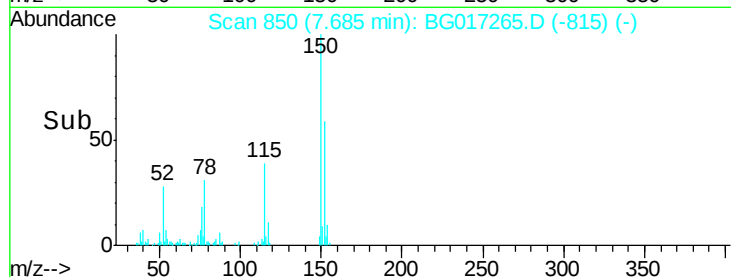
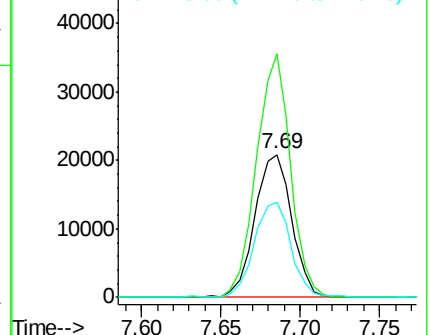
115 66.3 49.4 74.2



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: 138.47 ng

RT: 5.31 min Scan# 445

Delta R.T. 0.03 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

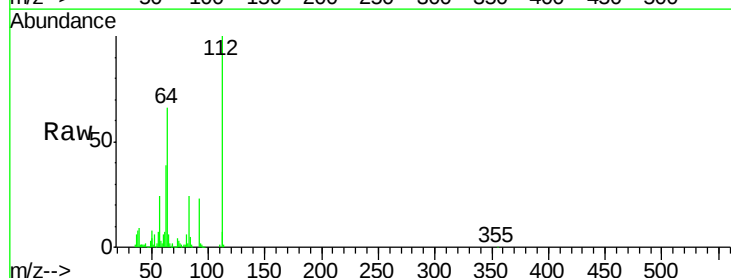
Tgt Ion:112 Resp: 261753

Ion Ratio Lower Upper

112 100

64 66.2 48.1 72.1

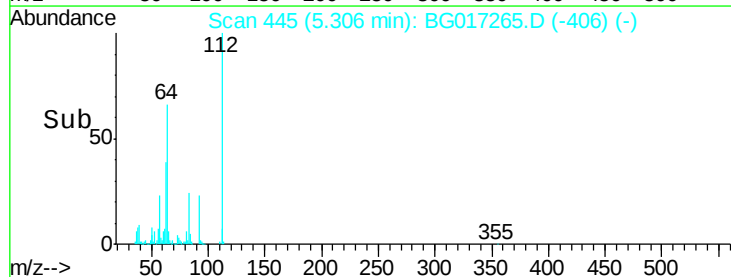
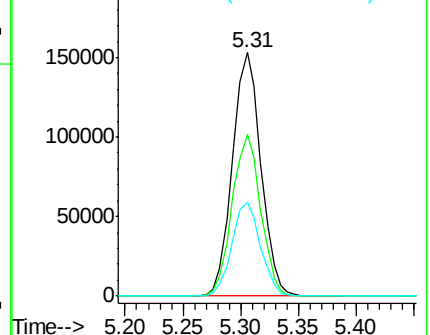
63 38.6 29.8 44.8

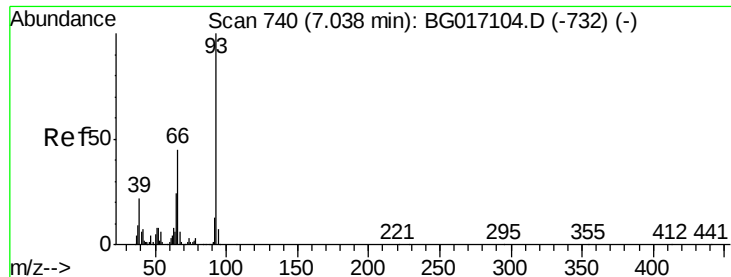


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 5.14 ng

RT: 7.02 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

Instrument :

BNA_G

ClientSampleId :

WC-H2O-05

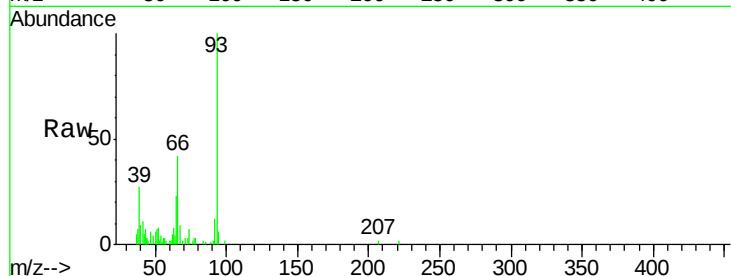
Tgt Ion: 93 Resp: 18867

Ion Ratio Lower Upper

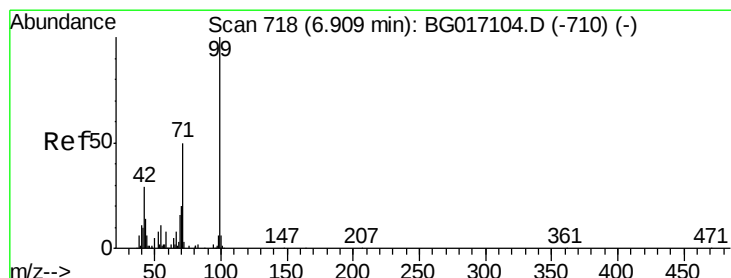
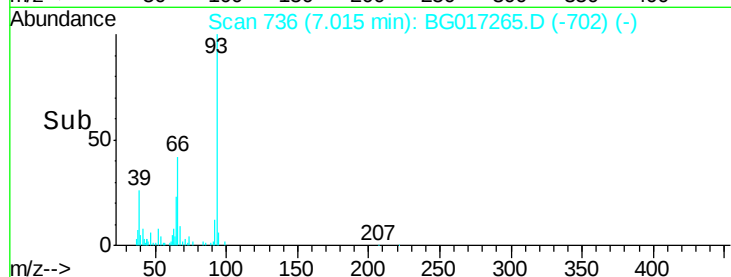
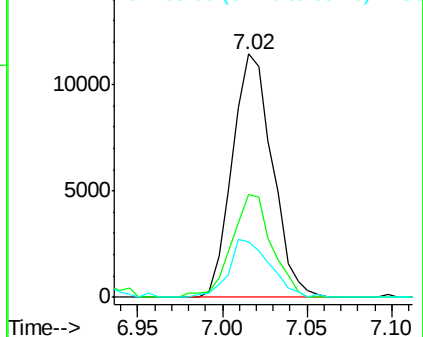
93 100

66 42.3 35.8 53.8

65 22.7 19.2 28.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 127.11 ng

RT: 6.90 min Scan# 716

Delta R.T. 0.02 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

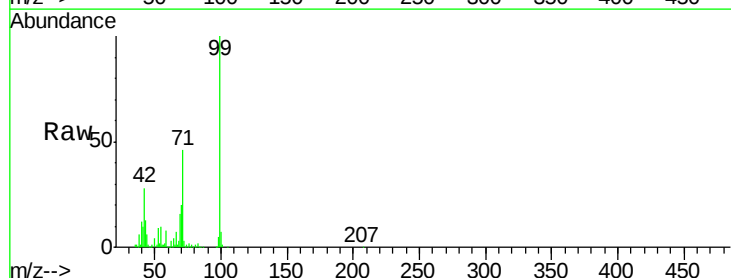
Tgt Ion: 99 Resp: 337201

Ion Ratio Lower Upper

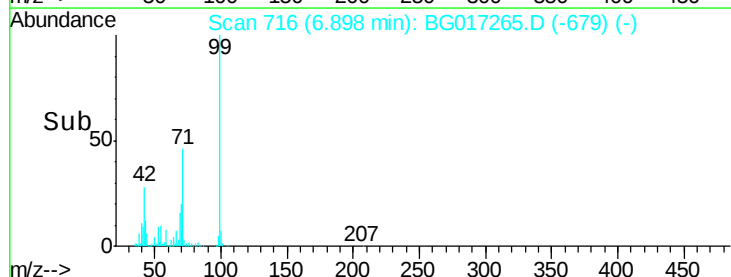
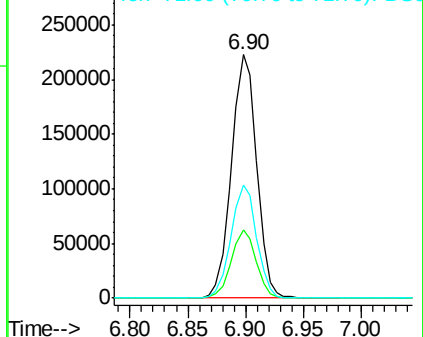
99 100

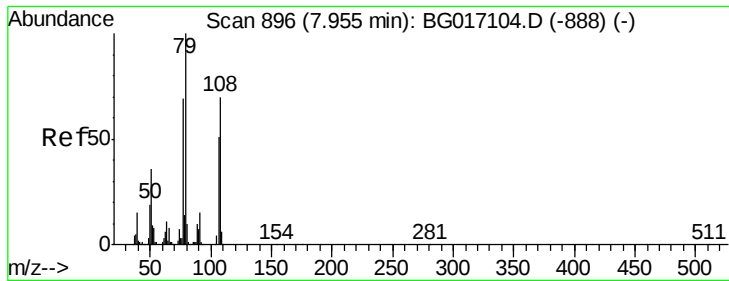
42 28.2 23.5 35.3

71 46.3 39.8 59.8



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: 14.12 ng

RT: 7.94 min Scan# 893

Delta R.T. 0.01 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

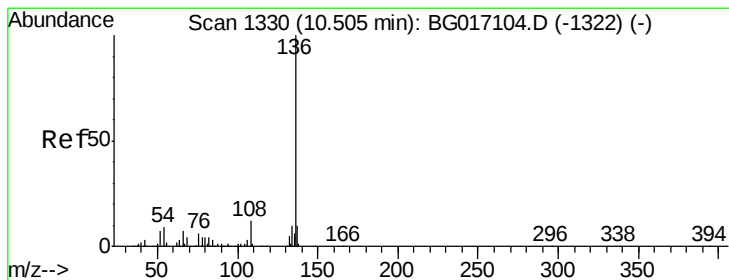
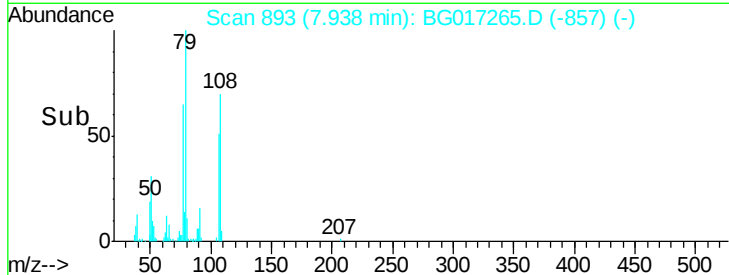
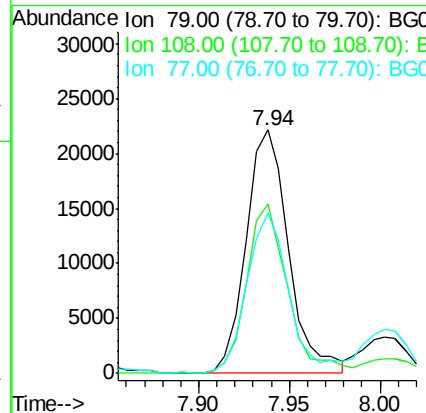
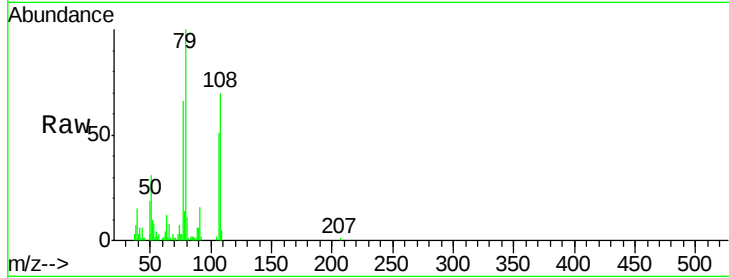
Instrument :

BNA_G

ClientSampleId :

WC-H2O-05

Tgt Ion:	79	Resp:	36388
Ion	Ratio	Lower	Upper
79	100		
108	69.6	55.8	83.6
77	65.9	55.4	83.0



#21

Naphthalene-d8

Concen: 20.00 ng

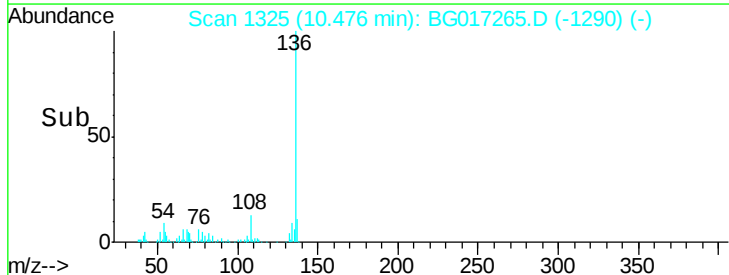
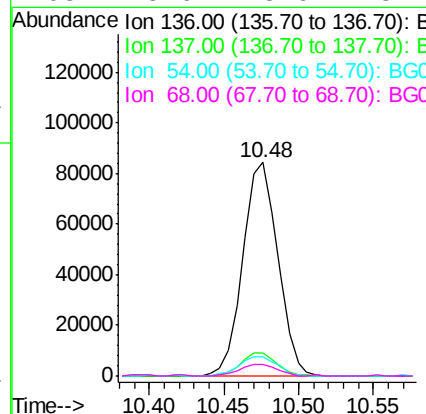
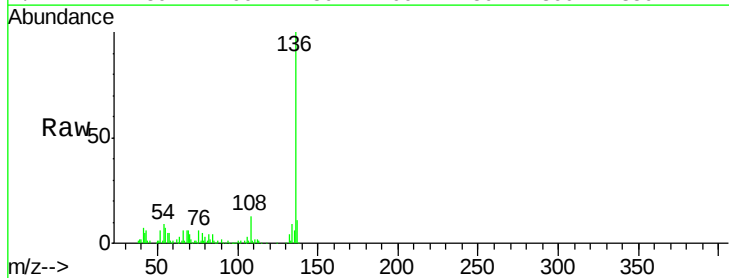
RT: 10.48 min Scan# 1325

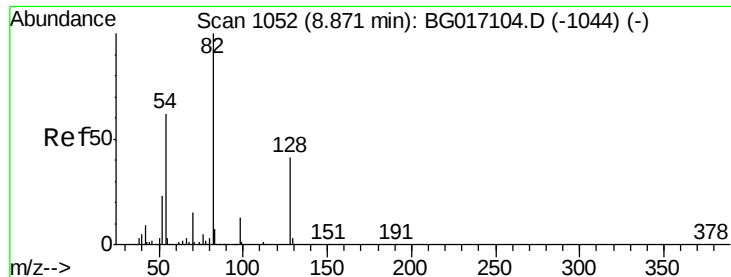
Delta R.T. 0.00 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

Tgt Ion:	136	Resp:	137397
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	9.0	7.4	11.2
68	5.6	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 82.75 ng

RT: 8.85 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

Instrument :

BNA_G

ClientSampleId :

WC-H2O-05

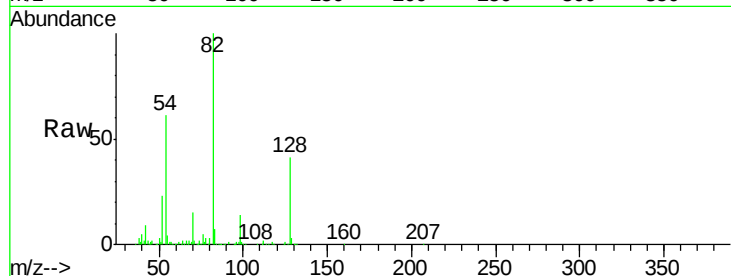
Tgt Ion: 82 Resp: 243519

Ion Ratio Lower Upper

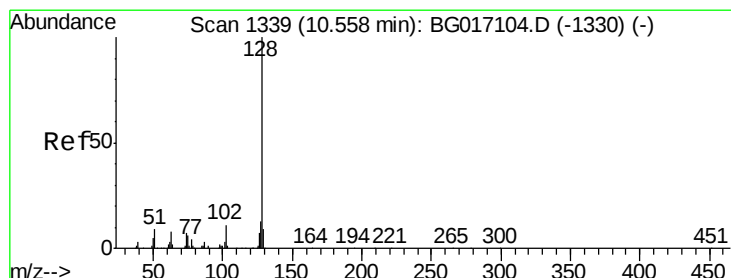
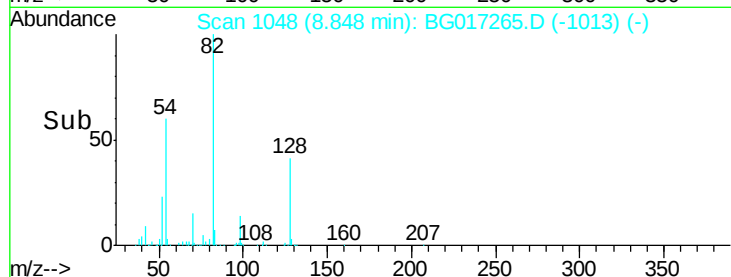
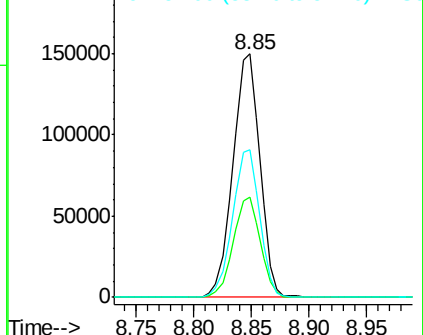
82 100

128 41.3 32.6 49.0

54 60.6 49.6 74.4



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



#31

Naphthalene

Concen: 36.95 ng

RT: 10.52 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

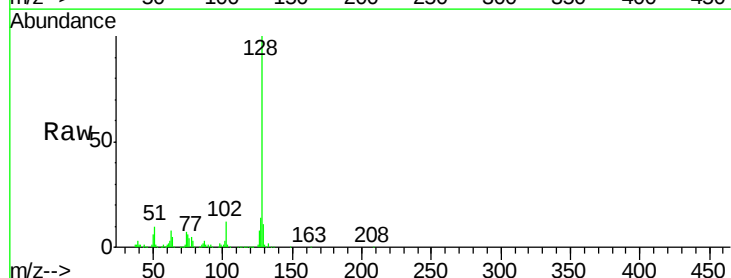
Tgt Ion: 128 Resp: 248406

Ion Ratio Lower Upper

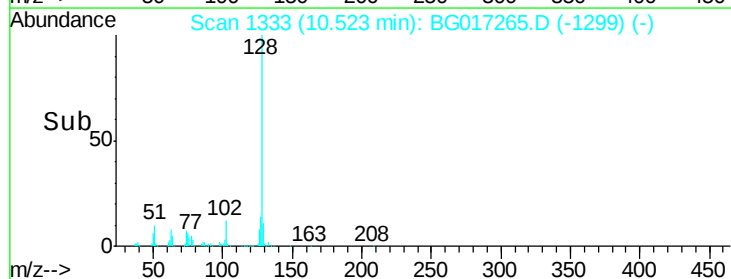
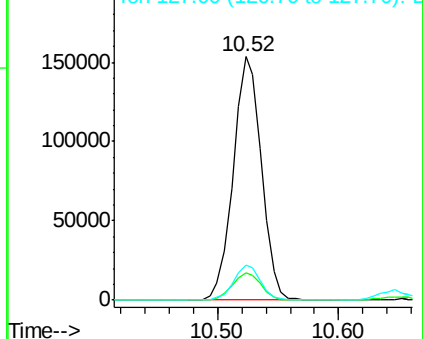
128 100

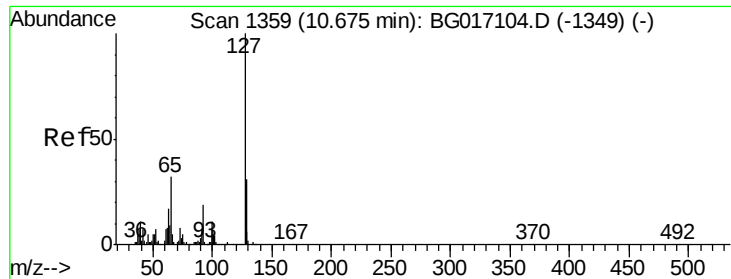
129 11.2 7.6 11.4

127 14.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

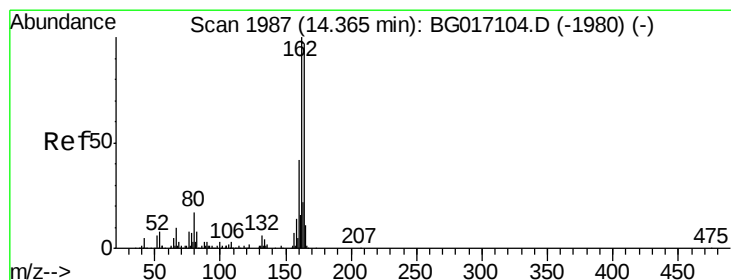
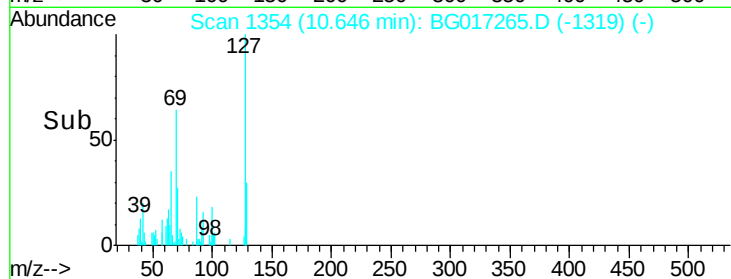
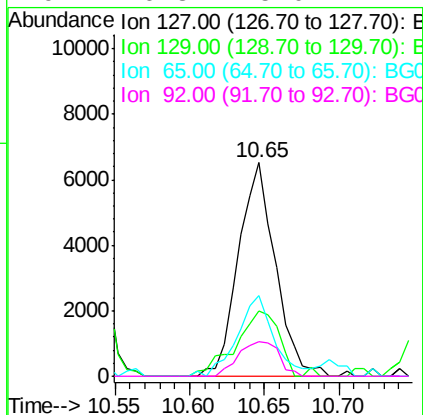
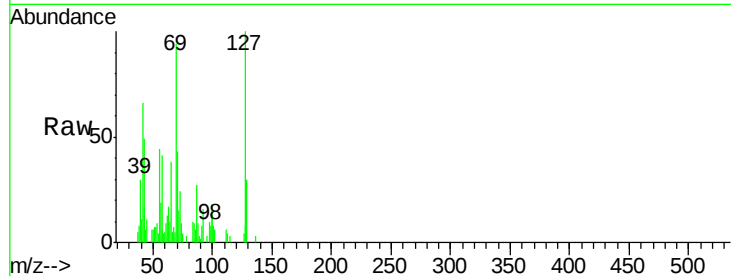




#33
4-Chloroaniline
Concen: 3.52 ng
RT: 10.65 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG017265.D
Acq: 23 May 2015 4:29

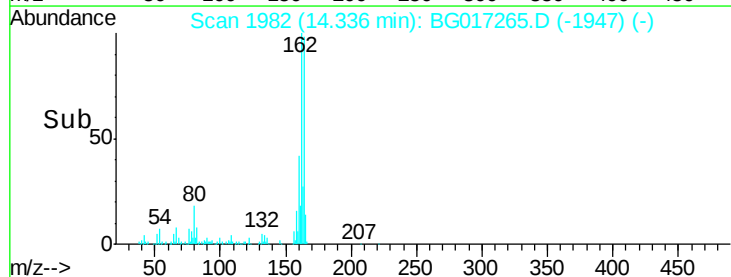
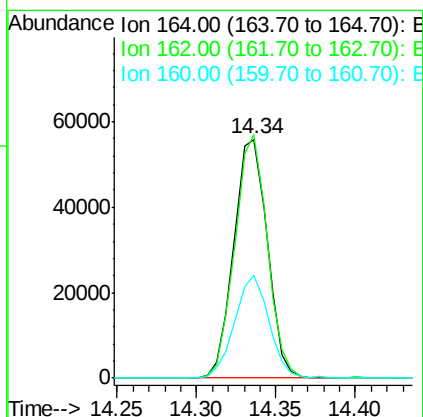
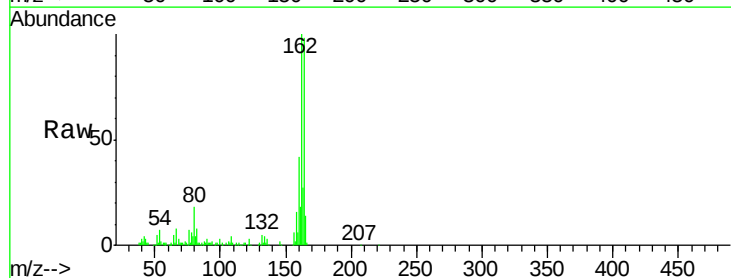
Instrument :
BNA_G
ClientSampleId :
WC-H2O-05

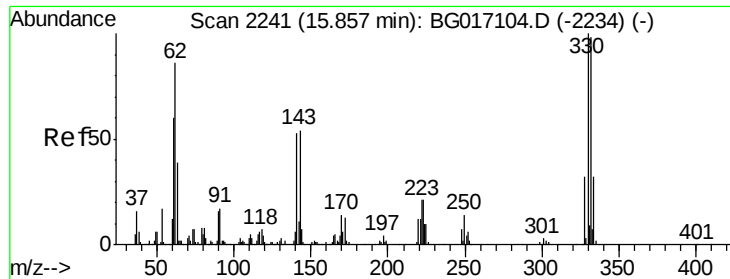
Tgt Ion:	127	Resp:	11205
Ion	Ratio	Lower	Upper
127	100		
129	30.3	24.8	37.2
65	37.8	25.8	38.6
92	16.3	15.0	22.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG017265.D
Acq: 23 May 2015 4:29

Tgt Ion:	164	Resp:	81885
Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.1	123.1
160	43.1	34.8	52.2

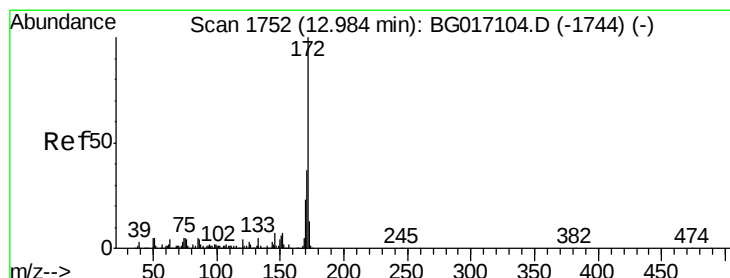
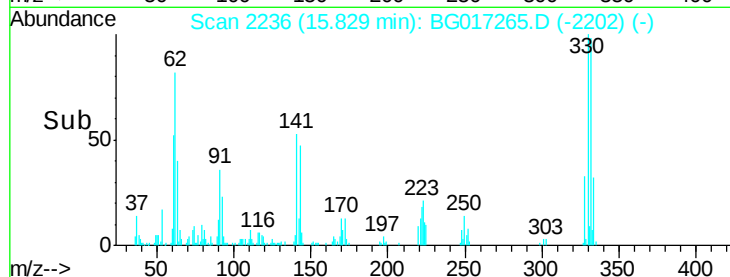
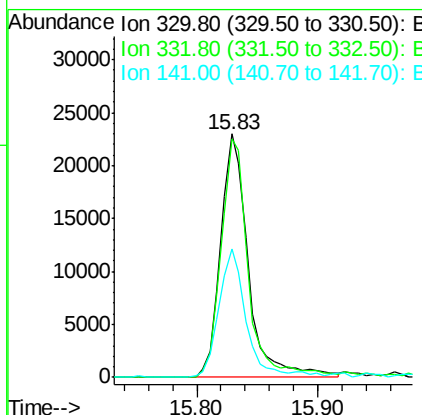
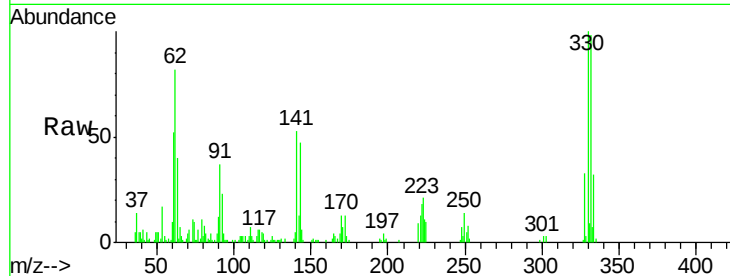




#41
 2,4,6-Tribromophenol
 Concen: 36.77 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG017265.D
 Acq: 23 May 2015 4:29

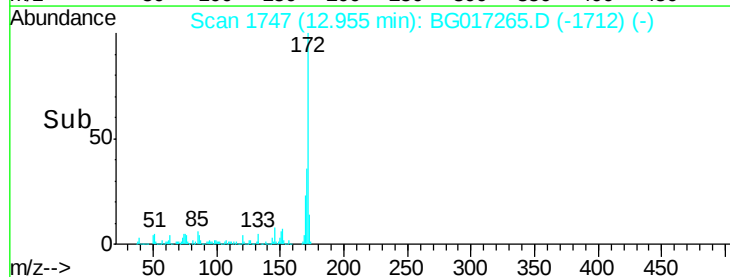
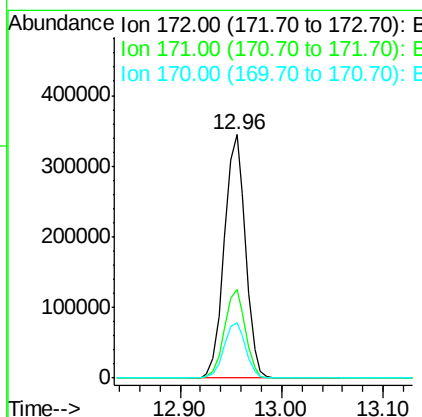
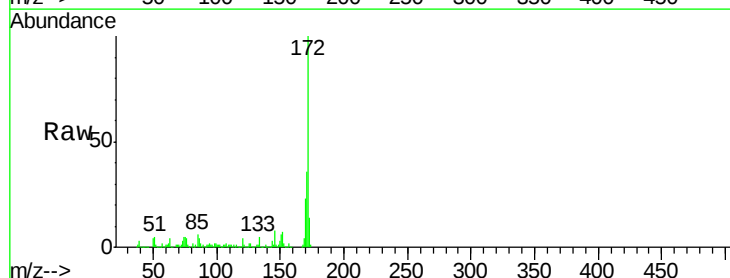
Instrument :
 BNA_G
 ClientSampleId :
 WC-H2O-05

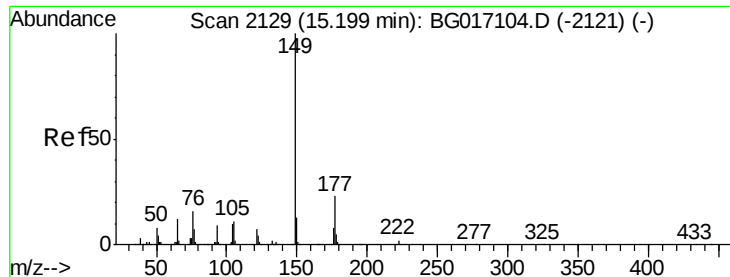
Tgt Ion: 330 Resp: 36395
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 50.4 42.2 63.2



#44
 2-Fluorobiphenyl
 Concen: 89.34 ng
 RT: 12.96 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG017265.D
 Acq: 23 May 2015 4:29

Tgt Ion: 172 Resp: 498566
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 22.8 18.4 27.6

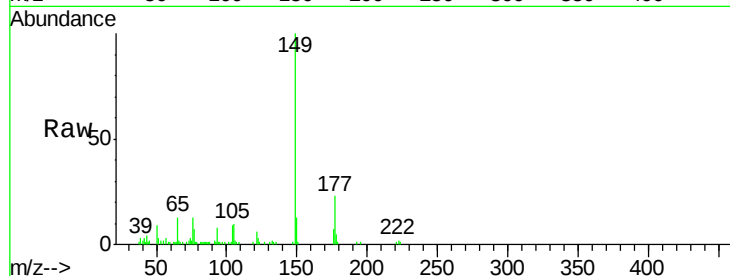




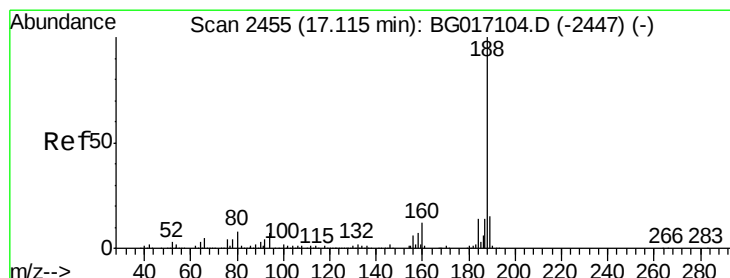
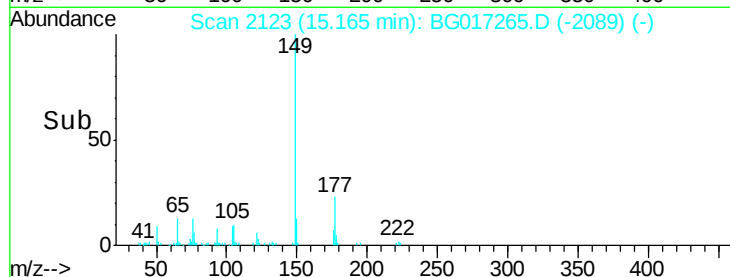
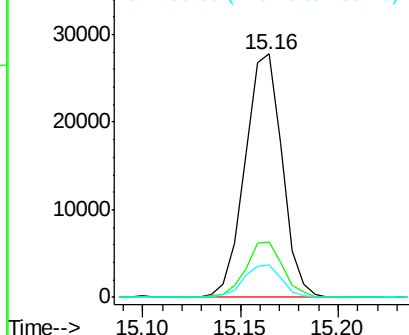
#59
Diethylphthalate
Concen: 5.31 ng
RT: 15.16 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG017265.D
Acq: 23 May 2015 4:29

Instrument :
BNA_G
ClientSampleId :
WC-H2O-05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	13.4	10.4	15.6

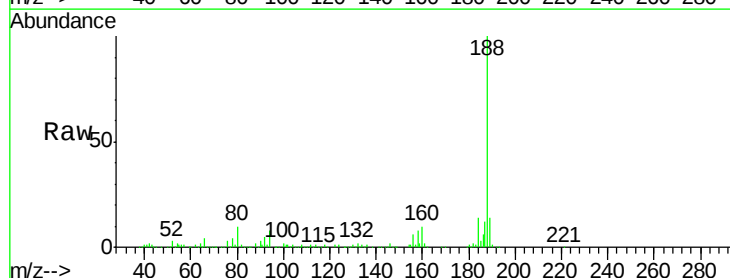


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

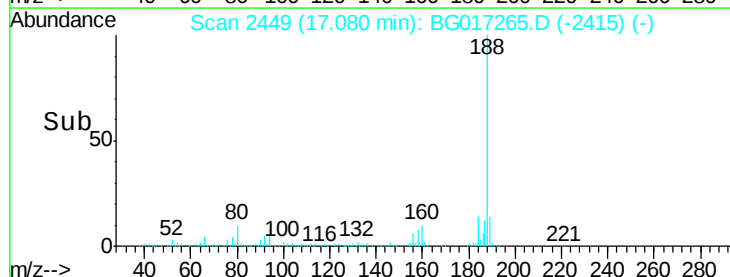
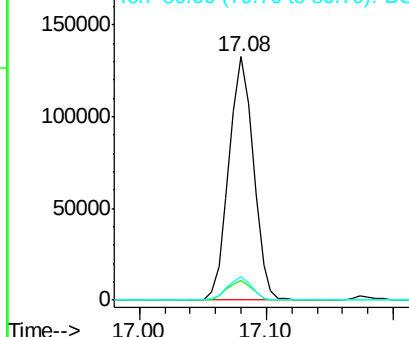


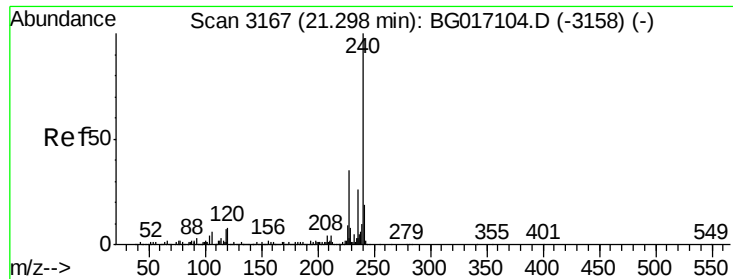
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG017265.D
Acq: 23 May 2015 4:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.8	8.6
80	9.5	6.5	9.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

Instrument :

BNA_G

ClientSampleId :

WC-H2O-05

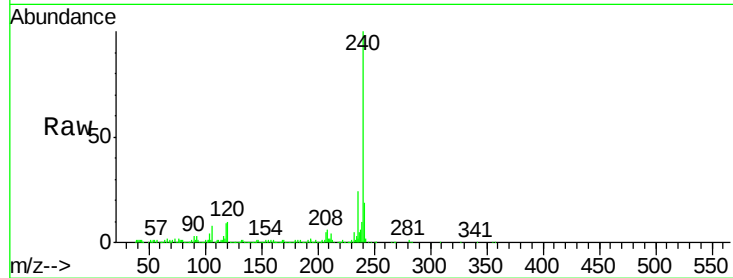
Tgt Ion:240 Resp: 197217

Ion Ratio Lower Upper

240 100

120 10.2 6.0 9.0#

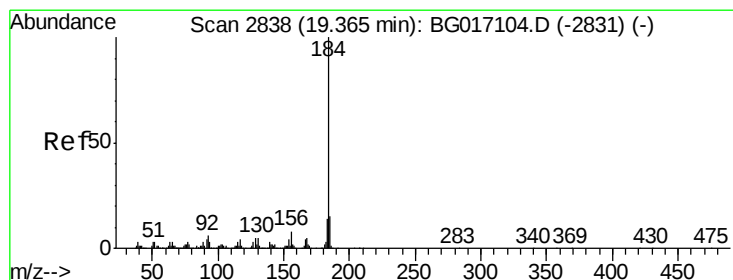
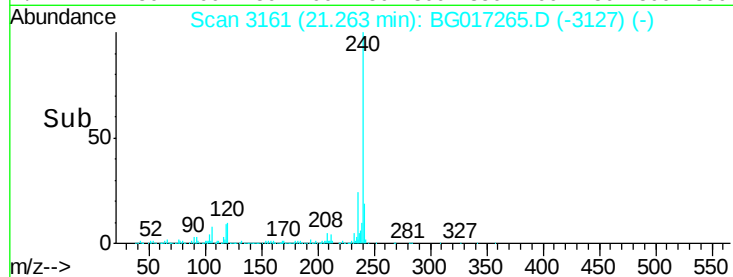
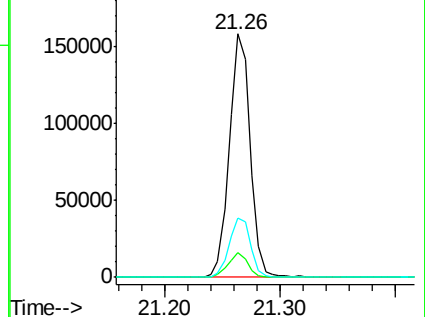
236 24.3 20.5 30.7



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



#76

Benzidine

Concen: 191.27 ng

RT: 19.35 min Scan# 2835

Delta R.T. 0.02 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

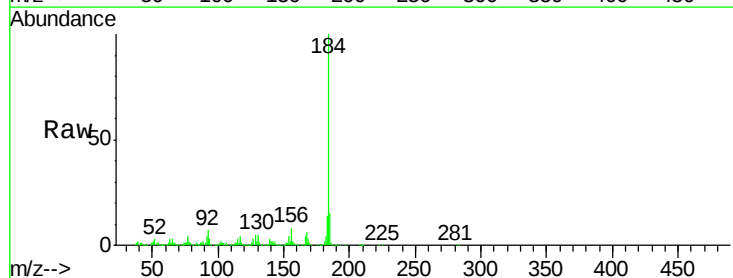
Tgt Ion:184 Resp: 1231604

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

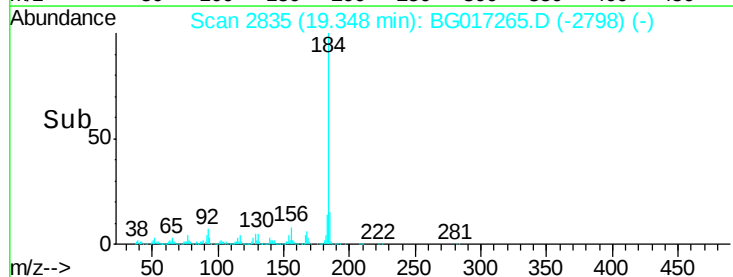
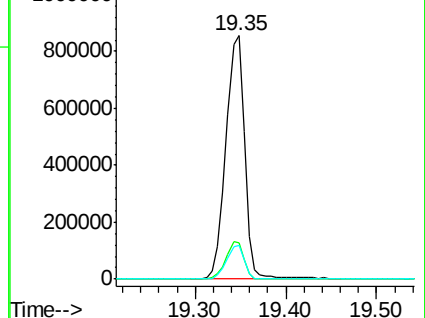
183 13.8 11.4 17.2

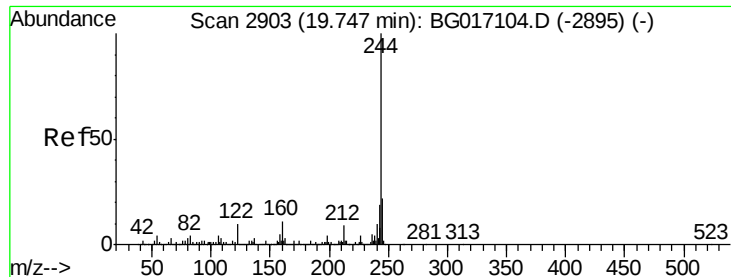


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 56.36 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

Instrument :

BNA_G

ClientSampleId :

WC-H2O-05

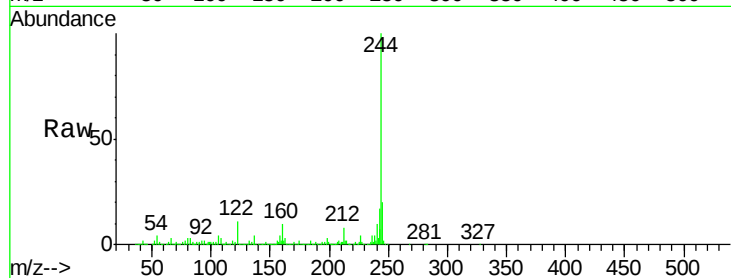
Tgt Ion:244 Resp: 533359

Ion Ratio Lower Upper

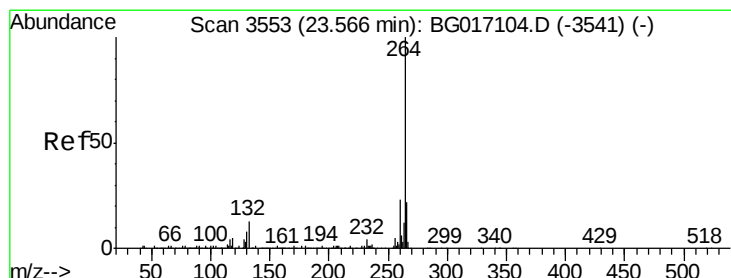
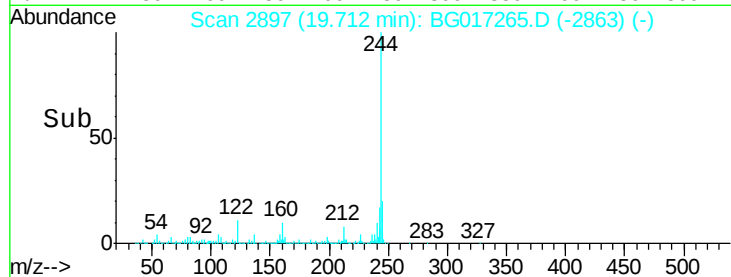
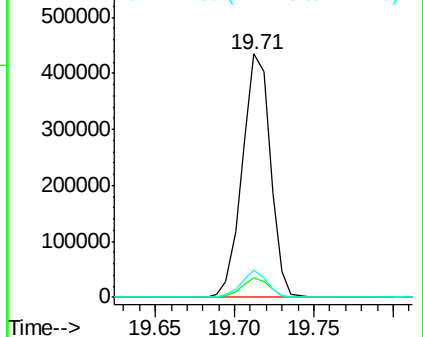
244 100

212 8.2 7.0 10.4

122 11.0 8.4 12.6



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: 23.51 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG017265.D

Acq: 23 May 2015 4:29

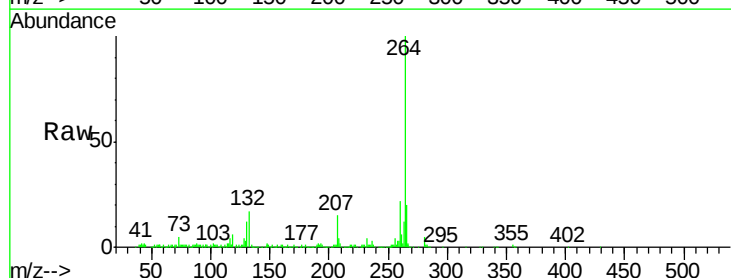
Tgt Ion:264 Resp: 189026

Ion Ratio Lower Upper

264 100

260 22.2 18.0 27.0

265 19.8 17.4 26.0



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

