

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019176.D
 Acq On : 13 Oct 2015 2:48
 Operator : UM/NP
 Sample : G3707-05
 Misc : LOD 5 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Quant Time: Oct 13 05:15:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
 Response via : Initial Calibration

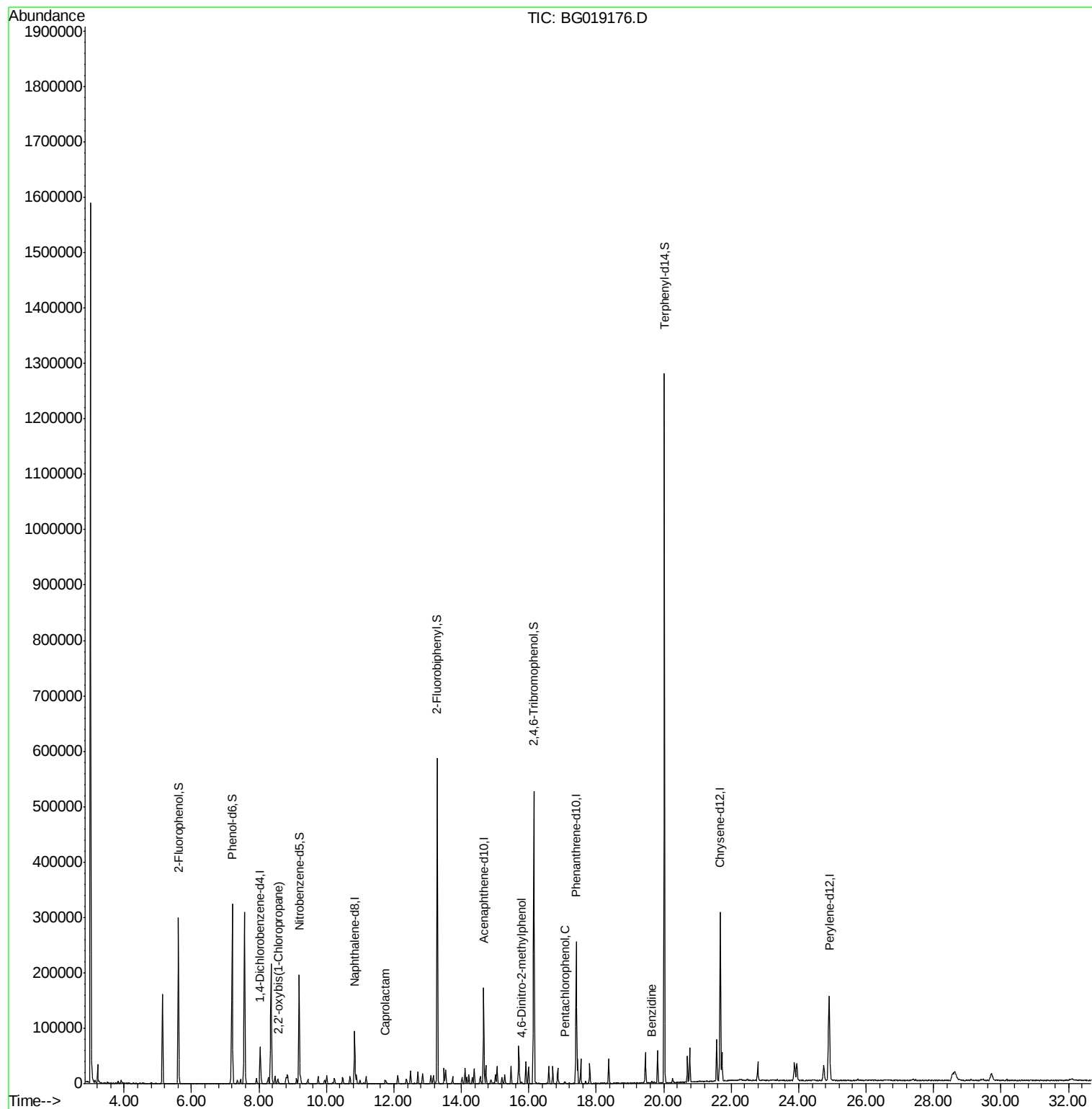
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17290	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	77851	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	57027	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	146040	20.00	ng	0.00
75) Chrysene-d12	21.67	240	180406	20.00	ng	-0.01
86) Perylene-d12	24.91	264	175124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	108692	128.00	ng	0.00
7) Phenol-d6	7.20	99	167852	128.67	ng	0.00
23) Nitrobenzene-d5	9.19	82	114644	81.37	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	95178	122.48	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	285505	76.98	ng	0.00
78) Terphenyl-d14	20.02	244	516764	75.67	ng	0.00
Target Compounds						
16) 2,2'-oxybis(1-Chloropropan	8.56	45	8668	3.94	ng	Qvalue 96
35) Caprolactam	11.74	113	1224	2.85	ng	# 94
64) 4,6-Dinitro-2-methylphenol	15.78	198	900	1.13	ng	# 79
69) Pentachlorophenol	17.06	266	1285	1.41	ng	87
76) Benizidine	19.64	184	3188	0.69	ng	# 84

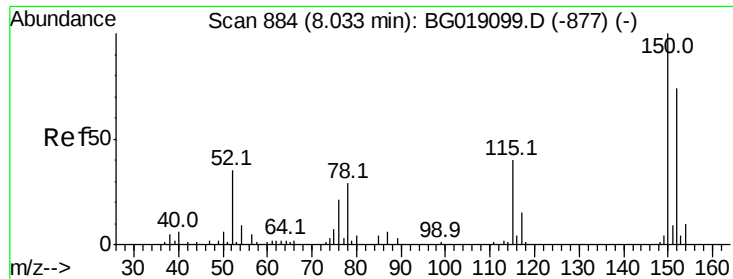
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
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ALS Vial : 12 Sample Multiplier: 1

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QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG019176.D

Acq: 13 Oct 2015 2:48

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

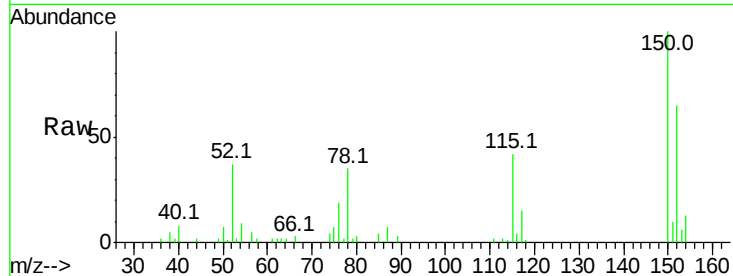
Tot Ion:152 Resp: 17290

Ion Ratio Lower Upper

152 100

150 153.5 108.2 162.2

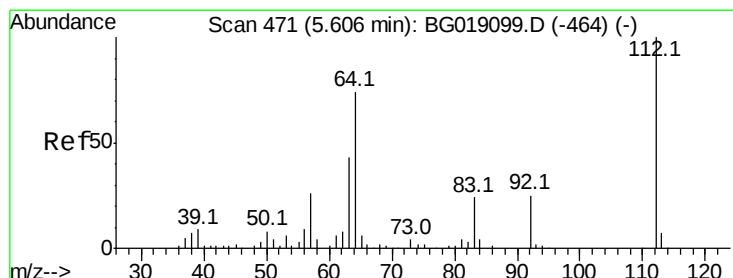
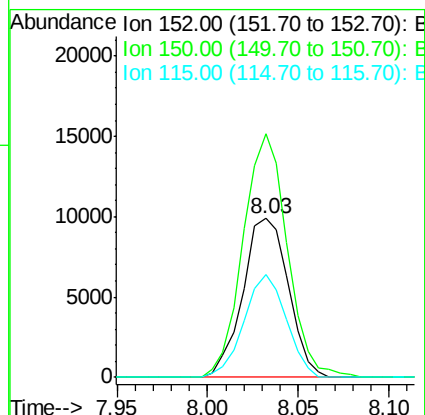
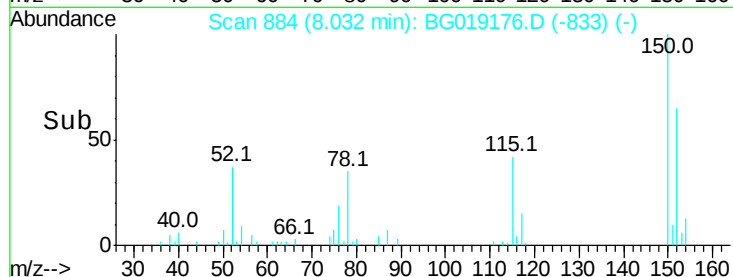
115 65.0 43.2 64.8#



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: 128.00 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: BG019176.D

Acq: 13 Oct 2015 2:48

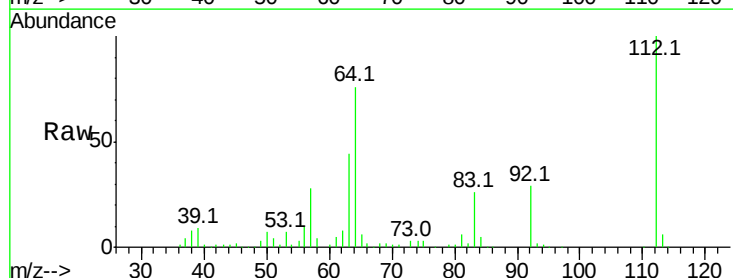
Tgt Ion:112 Resp: 108692

Ion Ratio Lower Upper

112 100

64 75.6 59.0 88.4

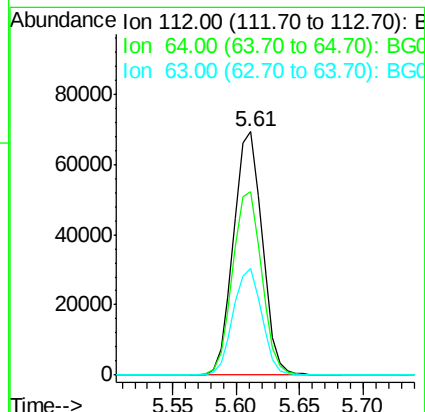
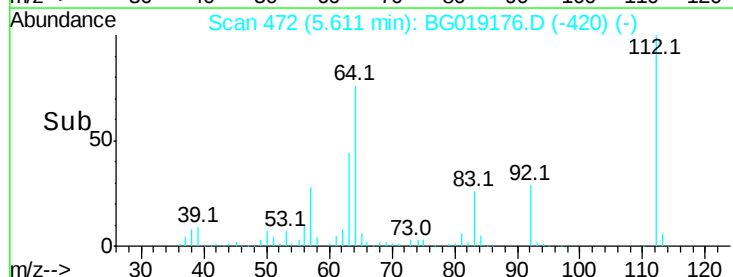
63 43.8 34.7 52.1

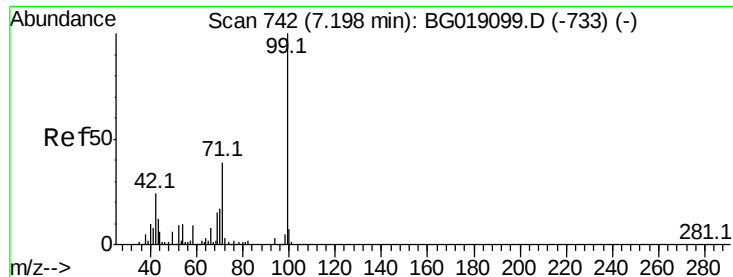


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 128.67 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG019176.D

Acq: 13 Oct 2015 2:48

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

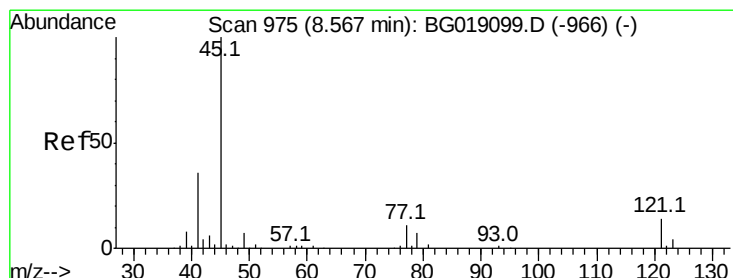
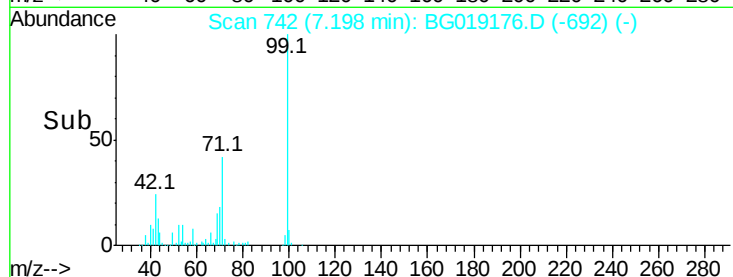
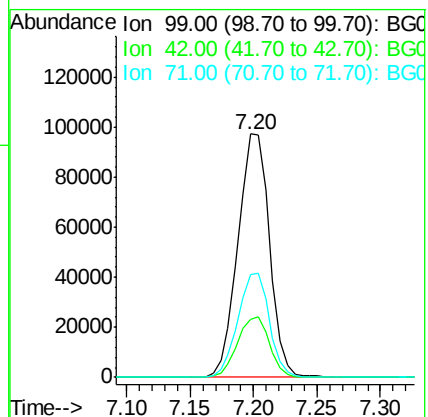
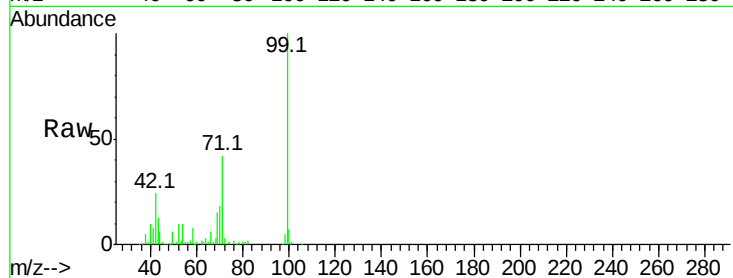
Tot Ion: 99 Resp: 167852

Ion Ratio Lower Upper

99 100

42 23.8 19.5 29.3

71 42.5 31.4 47.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.94 ng

RT: 8.56 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG019176.D

Acq: 13 Oct 2015 2:48

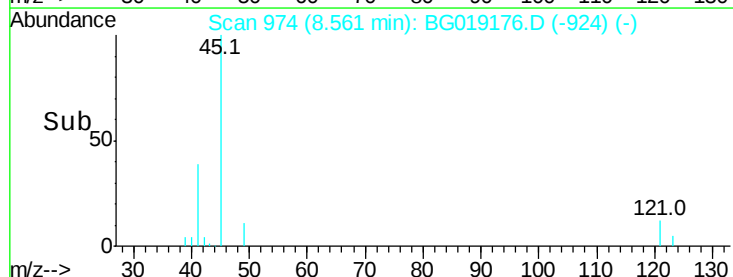
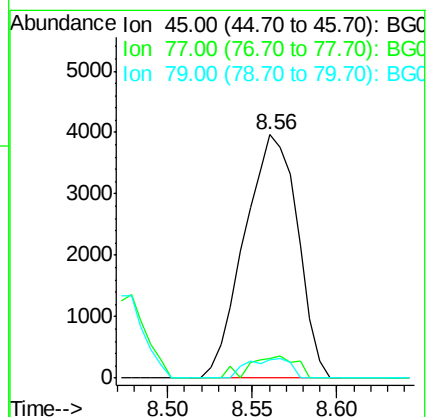
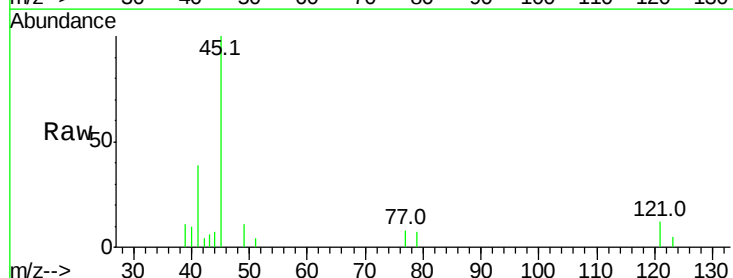
Tgt Ion: 45 Resp: 8668

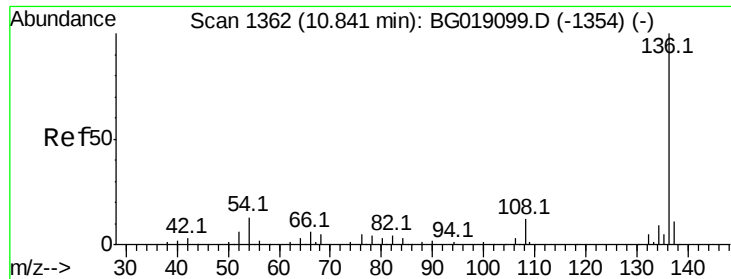
Ion Ratio Lower Upper

45 100

77 8.1 0.0 30.8

79 7.4 0.0 27.5

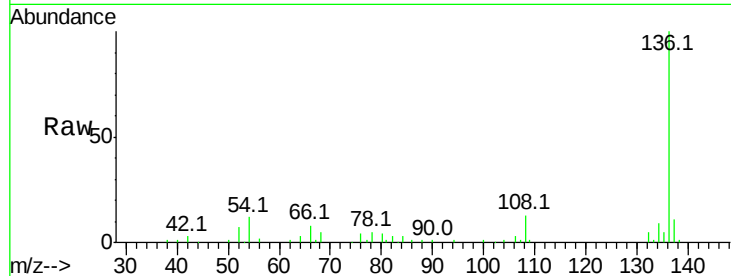




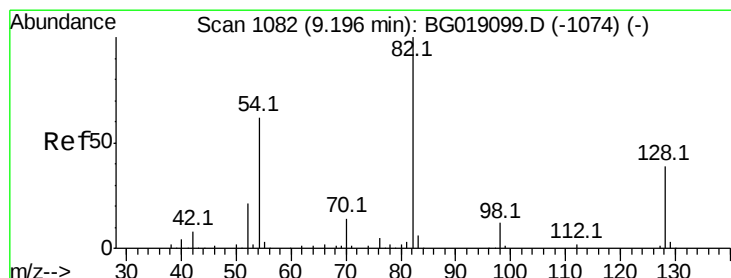
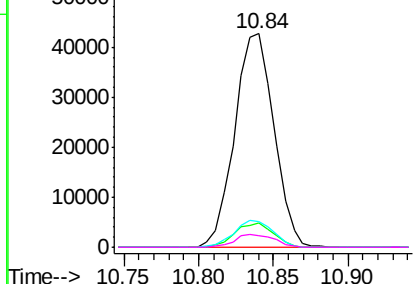
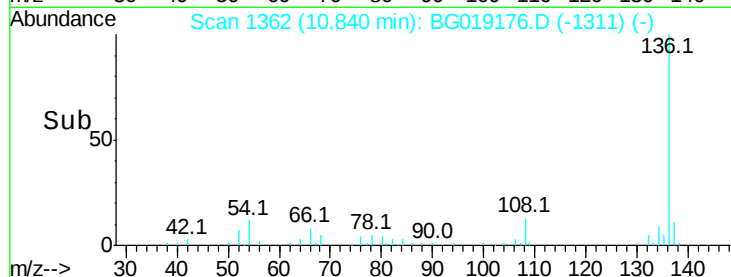
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019176.D
Acq: 13 Oct 2015 2:48

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tot Ion:136	Resp:	77851
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.4
54	11.9	10.1 15.1
68	5.4	4.4 6.6

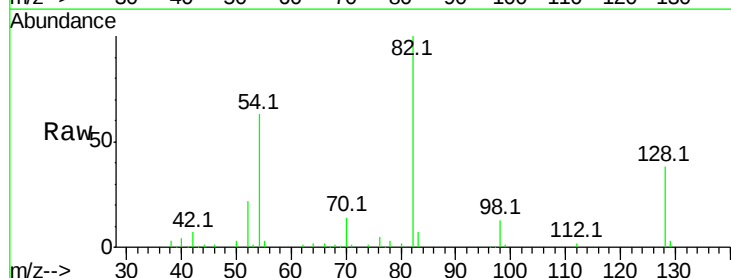


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

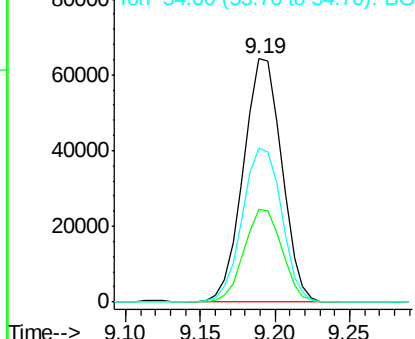
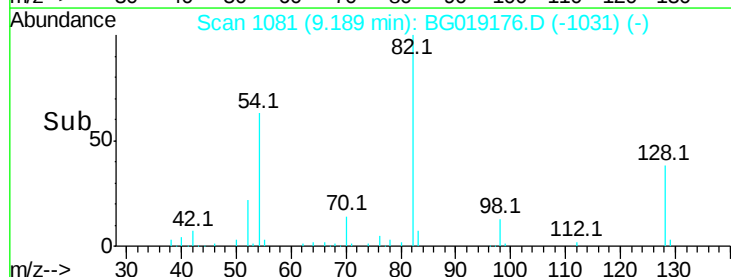


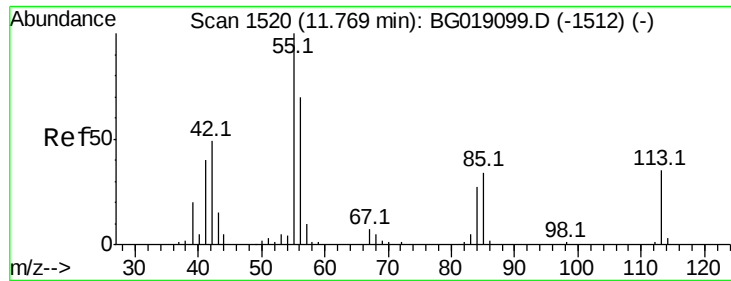
#23
Nitrobenzene-d5
Concen: 81.37 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019176.D
Acq: 13 Oct 2015 2:48

Tgt Ion: 82	Resp:	114644
Ion Ratio	Lower	Upper
82	100	
128	37.9	31.4 47.2
54	63.3	50.0 75.0



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

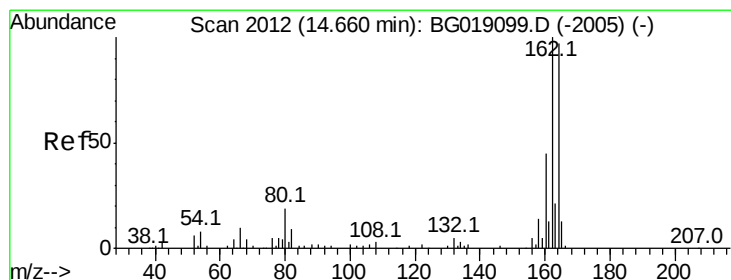
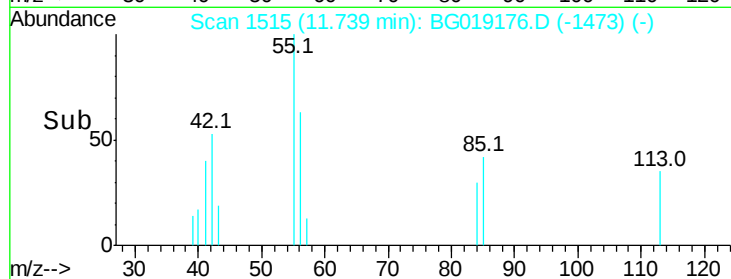
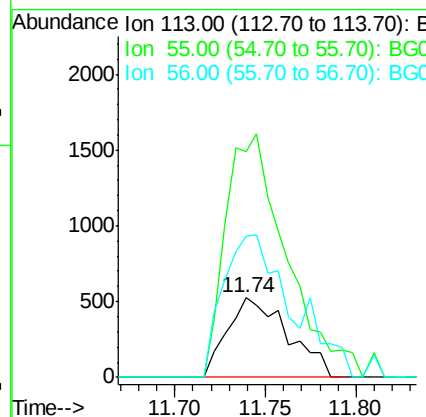
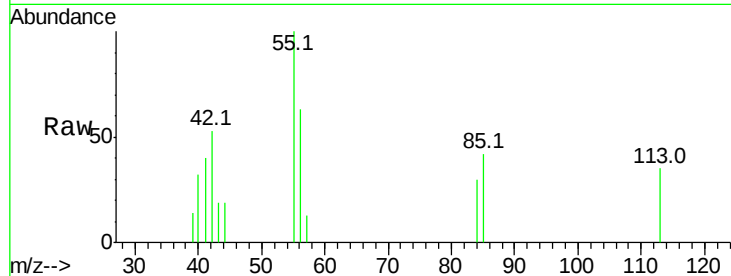




#35
 Caprolactam
 Concen: 2.85 ng
 RT: 11.74 min Scan# 1515
 Delta R.T. -0.05 min
 Lab File: BG019176.D
 Acq: 13 Oct 2015 2:48

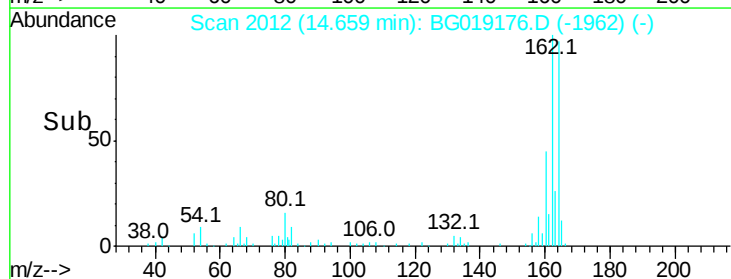
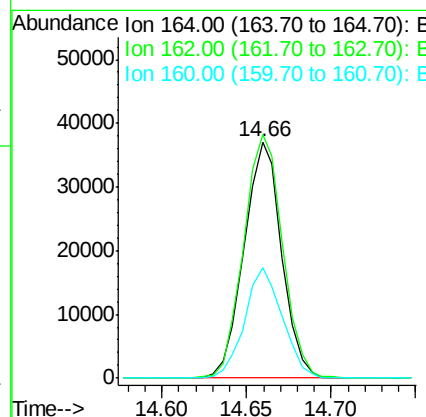
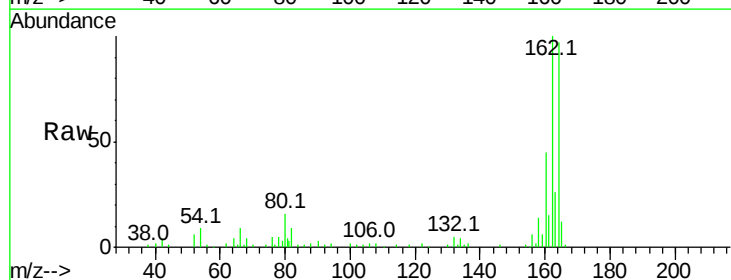
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

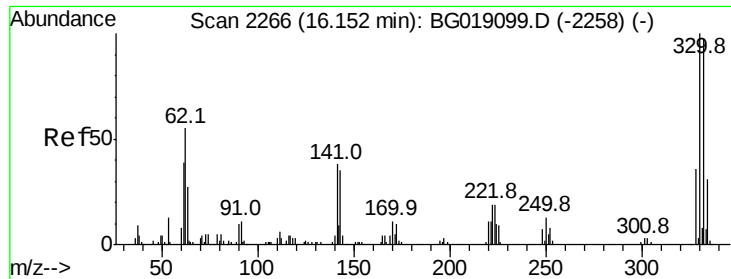
Tot Ion:113 Resp: 1224
 Ion Ratio Lower Upper
 113 100
 55 282.5 263.4 303.4
 56 177.6 179.0 219.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BG019176.D
 Acq: 13 Oct 2015 2:48

Tgt Ion:164 Resp: 57027
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 124.0
 160 46.7 36.9 55.3

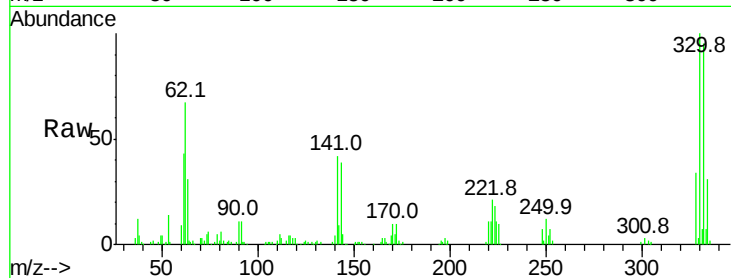




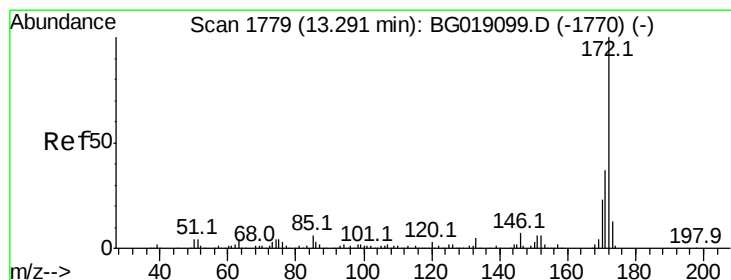
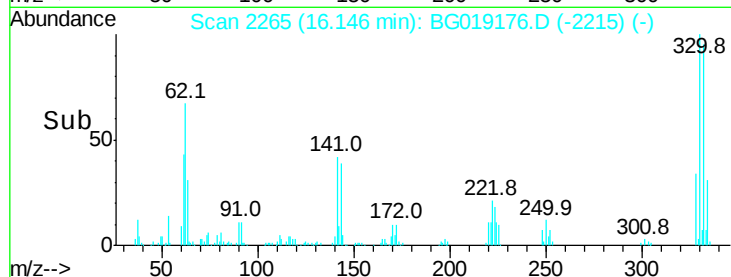
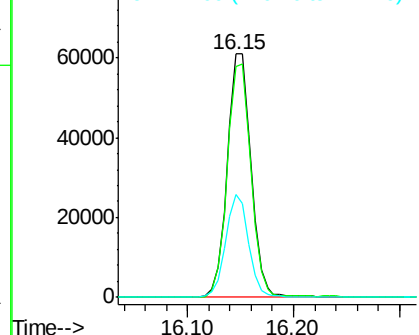
#41
 2,4,6-Tribromophenol
 Concen: 122.48 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG019176.D
 Acq: 13 Oct 2015 2:48

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:330 Resp: 95178
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 40.9 30.7 46.1

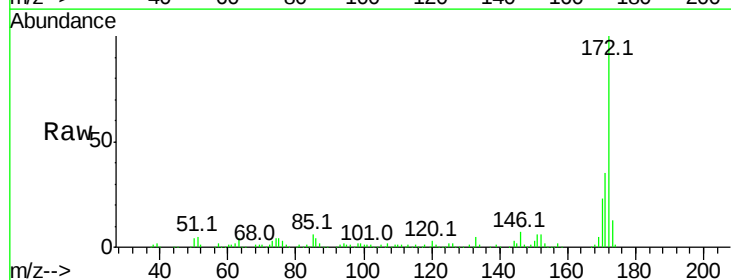


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

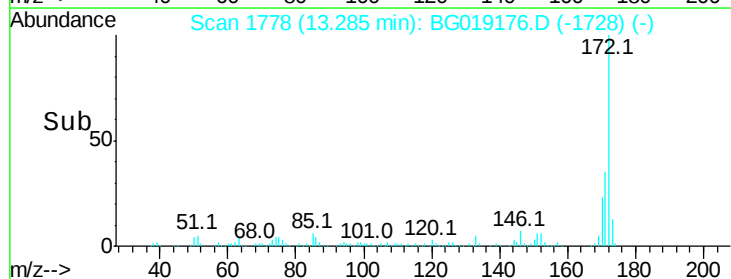
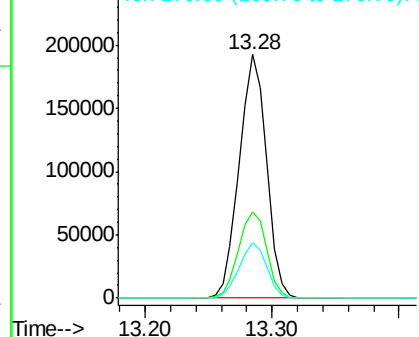


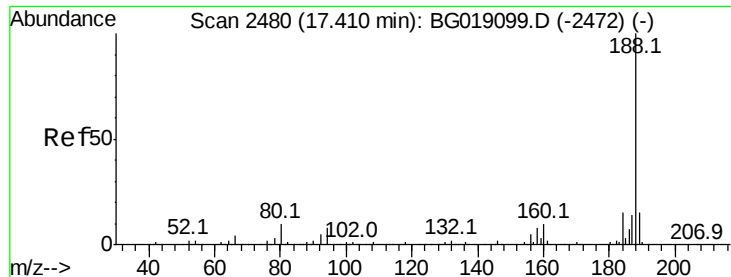
#44
 2-Fluorobiphenyl
 Concen: 76.98 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG019176.D
 Acq: 13 Oct 2015 2:48

Tgt Ion:172 Resp: 285505
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.9 44.9
 170 22.6 18.6 27.8



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

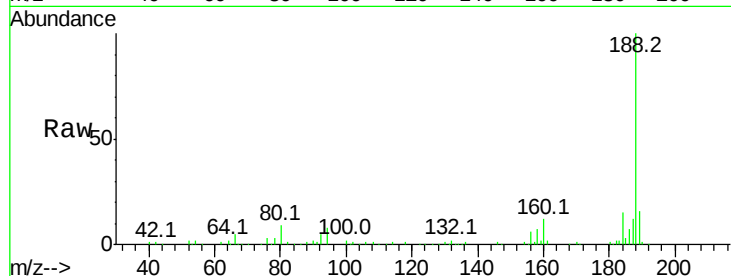




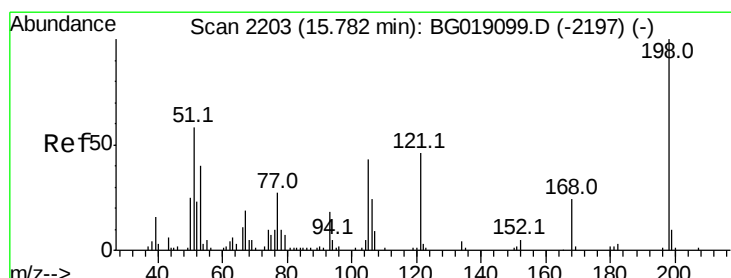
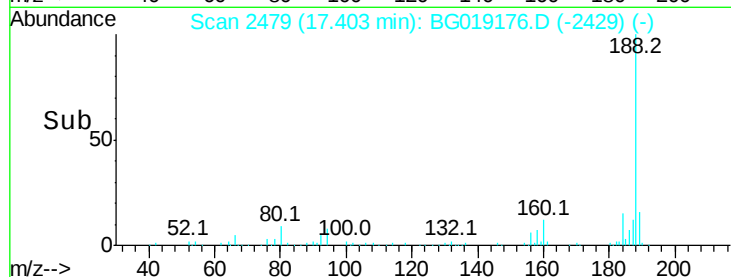
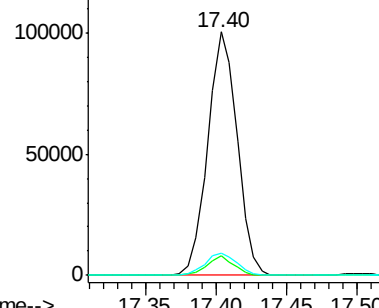
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019176.D
Acq: 13 Oct 2015 2:48

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tot Ion:188 Resp: 146040
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.0 7.6 11.4

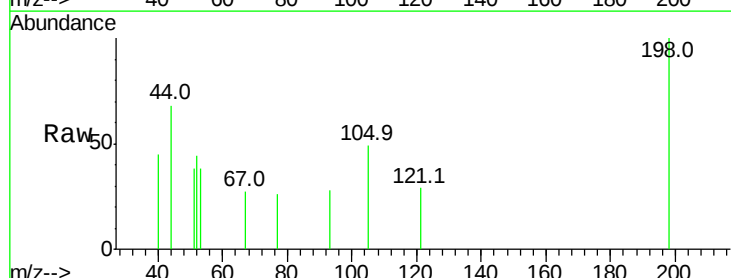


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

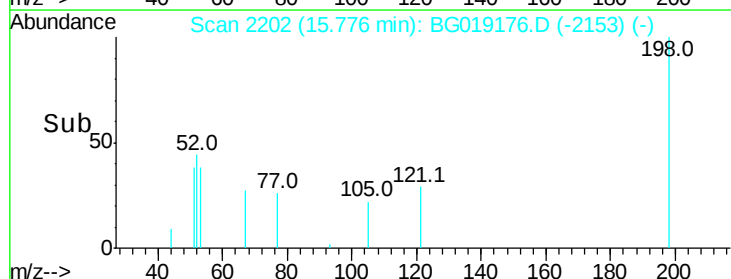
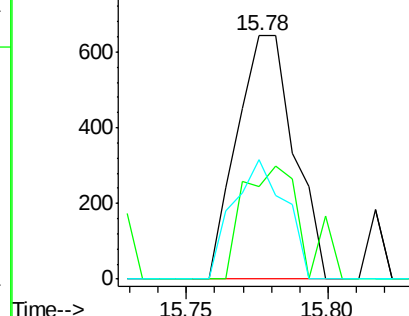


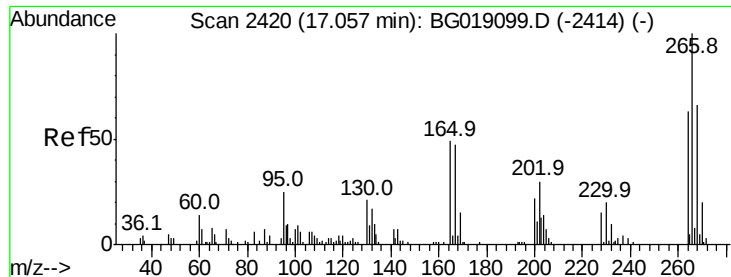
#64
4,6-Dinitro-2-methylphenol
Concen: 1.13 ng
RT: 15.78 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG019176.D
Acq: 13 Oct 2015 2:48

Tgt Ion:198 Resp: 900
Ion Ratio Lower Upper
198 100
51 38.3 40.1 80.1#
105 49.1 23.4 63.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

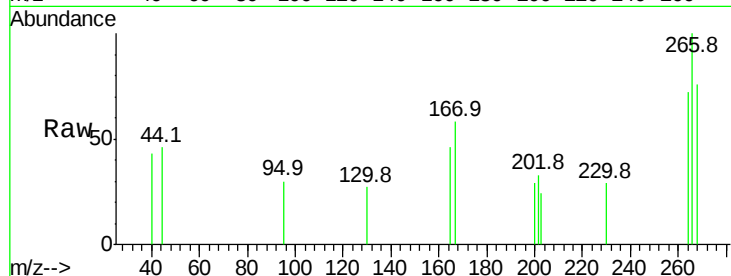




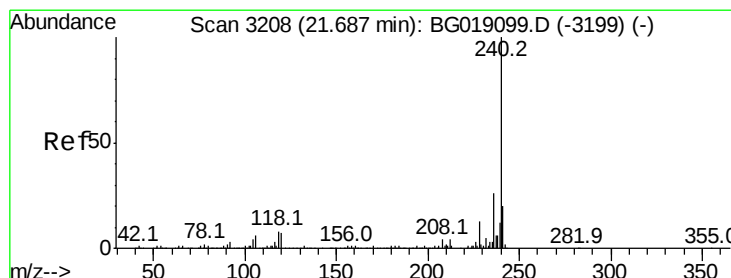
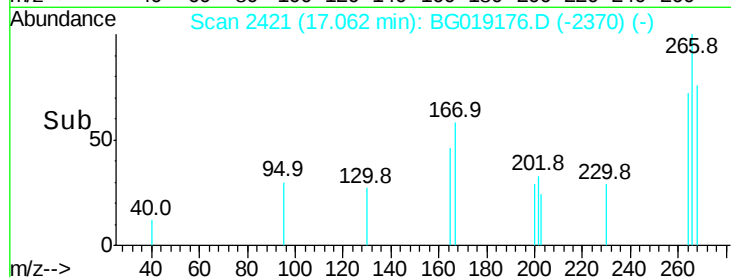
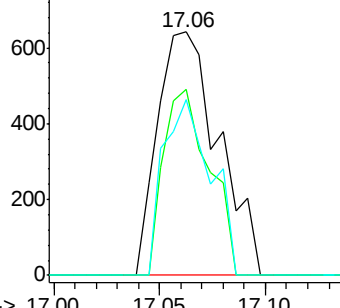
#69
 Pentachlorophenol
 Concen: 1.41 ng
 RT: 17.06 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG019176.D
 Acq: 13 Oct 2015 2:48

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2015-01

Tot Ion:266 Resp: 1285
 Ion Ratio Lower Upper
 266 100
 268 76.3 53.0 79.4
 264 72.1 50.1 75.1

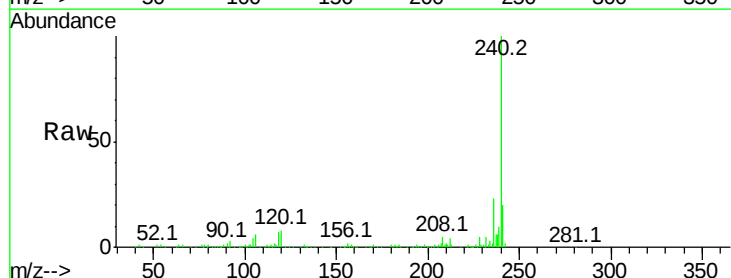


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

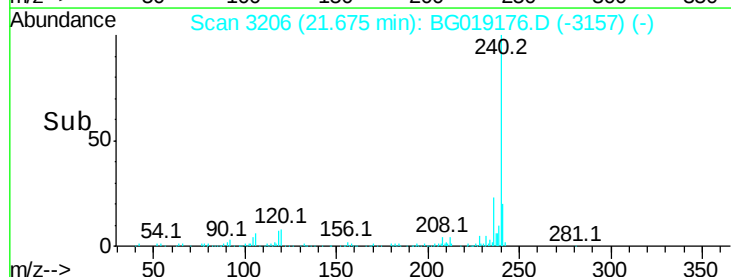
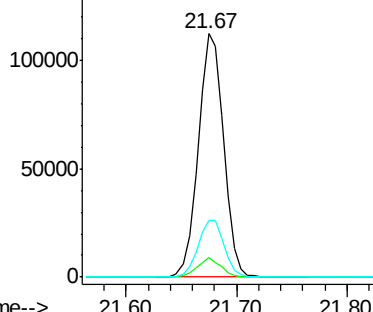


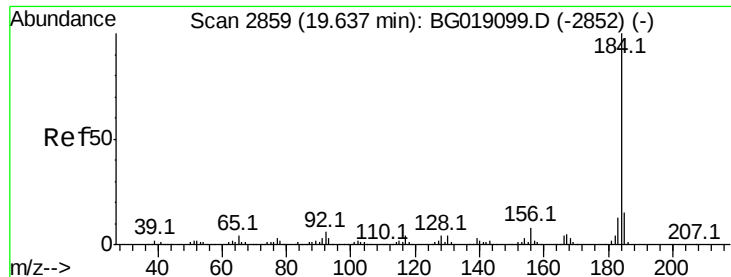
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.67 min Scan# 3206
 Delta R.T. -0.01 min
 Lab File: BG019176.D
 Acq: 13 Oct 2015 2:48

Tgt Ion:240 Resp: 180406
 Ion Ratio Lower Upper
 240 100
 120 7.9 5.8 8.6
 236 23.2 21.2 31.8



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: 0.69 ng

RT: 19.64 min Scan# 2860

Delta R.T. 0.01 min

Lab File: BG019176.D

Acq: 13 Oct 2015 2:48

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2015-01

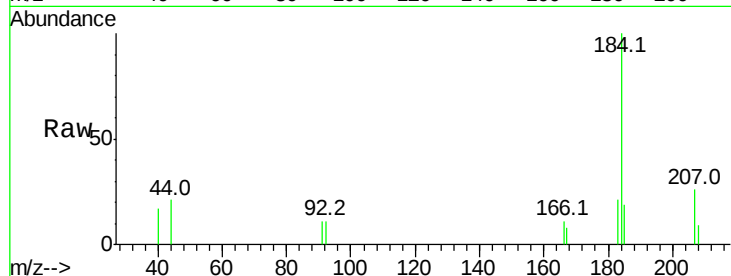
Tot Ion:184 Resp: 3188

Ion Ratio Lower Upper

184 100

185 19.0 11.9 17.9#

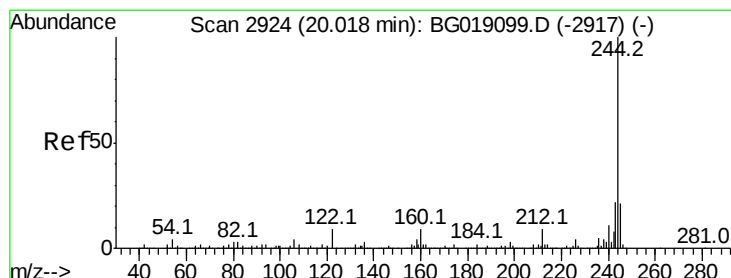
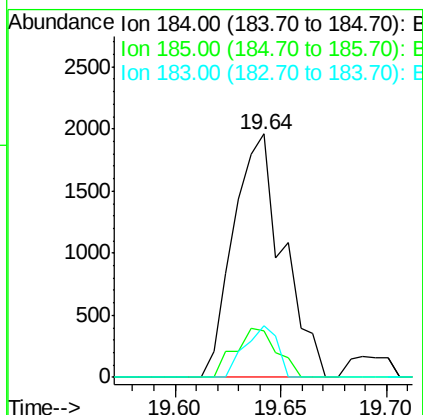
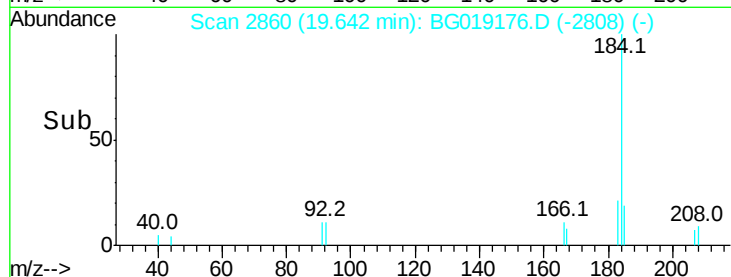
183 21.4 10.1 15.1#



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: 75.67 ng

RT: 20.02 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BG019176.D

Acq: 13 Oct 2015 2:48

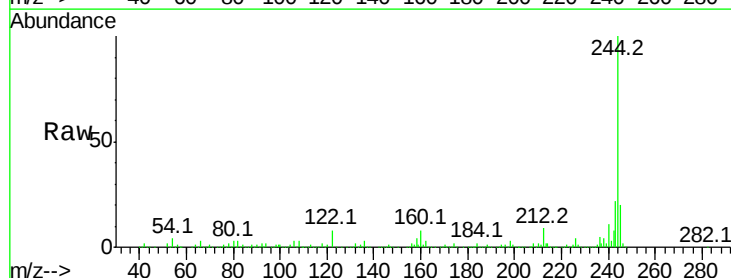
Tgt Ion:244 Resp: 516764

Ion Ratio Lower Upper

244 100

212 8.5 6.8 10.2

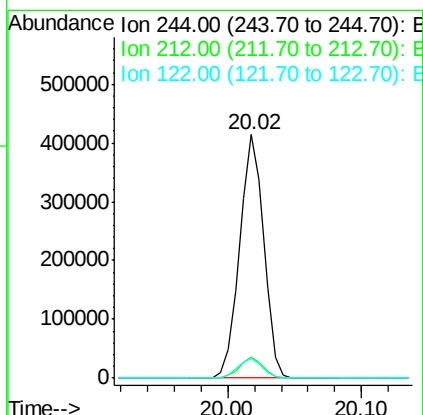
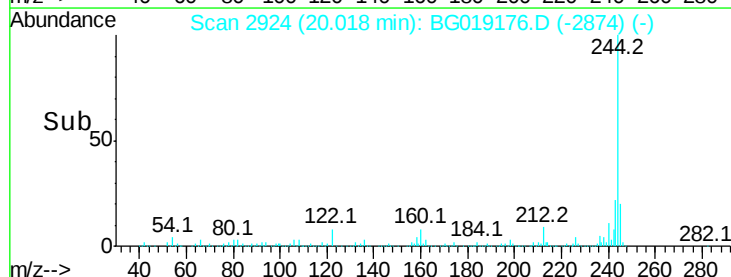
122 8.0 7.4 11.2

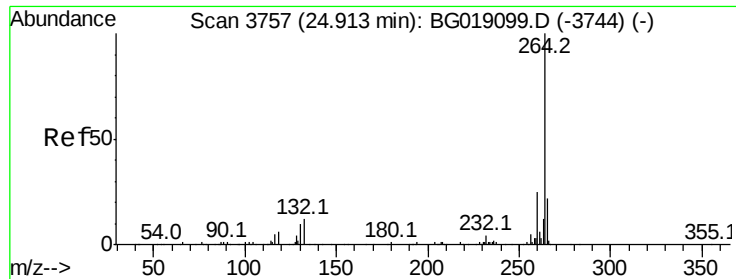


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.01 min
Lab File: BG019176.D
Acq: 13 Oct 2015 2:48

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Tot Ion:	264	Resp:	175124
Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.1	30.1
265	22.1	17.2	25.8

