

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020870.D
 Acq On : 12 Feb 2016 00:02
 Operator : SJ/UM
 Sample : G4825-05
 Misc : LOD 8PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Feb 12 05:20:16 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

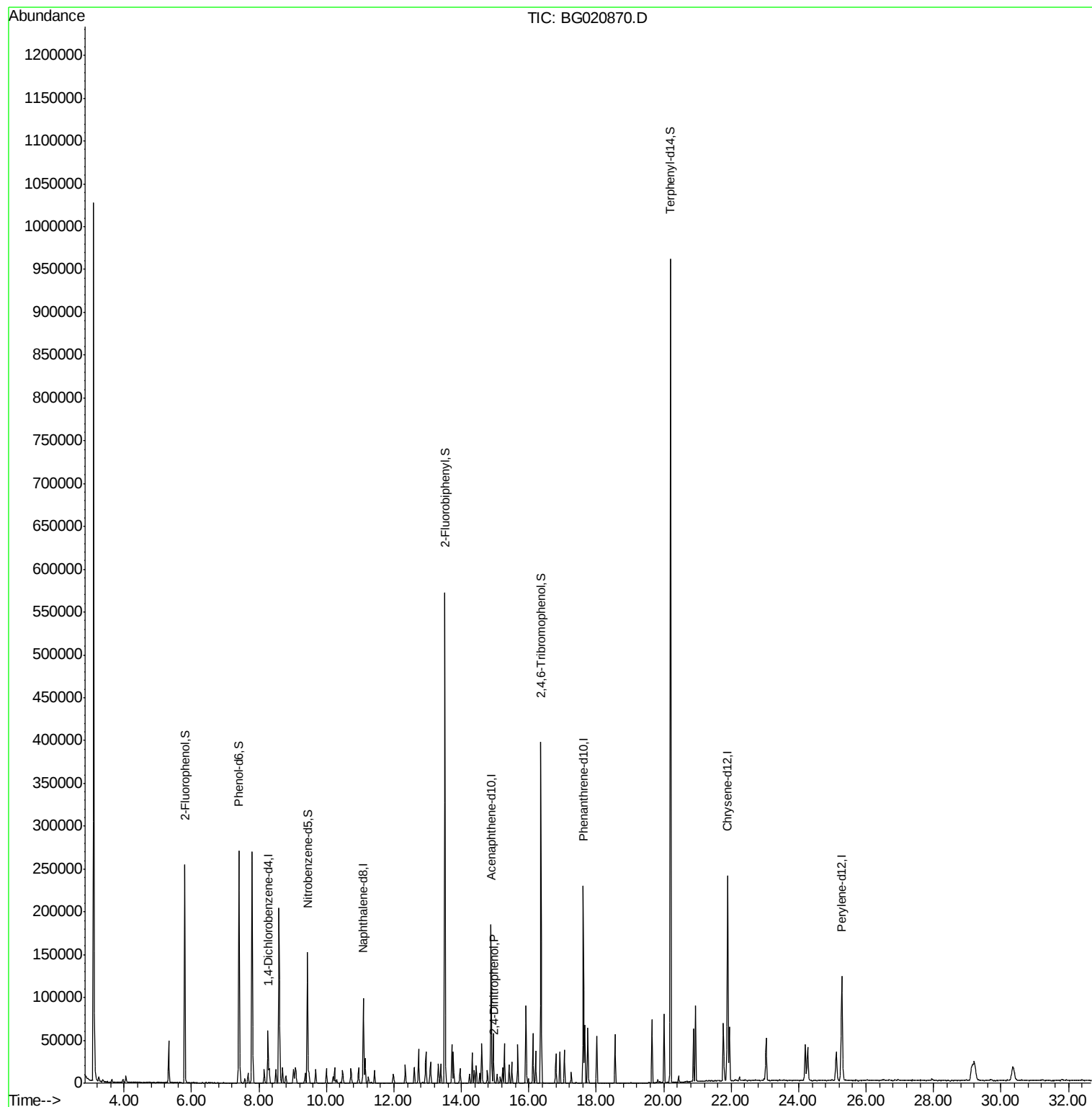
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	19976	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	98449	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	63772	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	137395	20.00	ng	0.00
75) Chrysene-d12	21.90	240	129678	20.00	ng	0.00
86) Perylene-d12	25.28	264	120560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	140184	118.18	ng	0.00
7) Phenol-d6	7.41	99	192969	111.30	ng	0.00
23) Nitrobenzene-d5	9.44	82	105043	70.15	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	73811	117.70	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	298903	65.84	ng	0.00
78) Terphenyl-d14	20.20	244	418373	75.26	ng	0.00
Target Compounds						
53) 2,4-Dinitrophenol	14.97	184	701	9.80	ng	Qvalue # 50

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

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Quant Time: Feb 12 05:20:16 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG020870.D

Acq: 12 Feb 2016 00:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

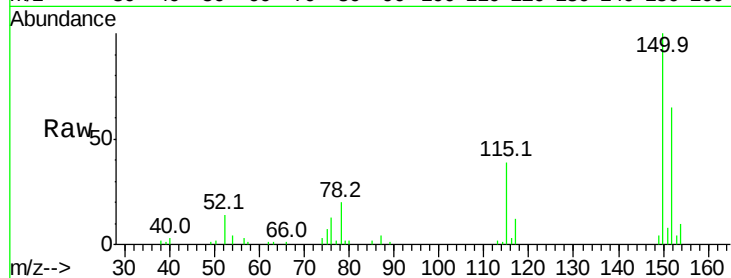
Tot Ion:152 Resp: 19976

Ion Ratio Lower Upper

152 100

150 154.8 122.0 183.0

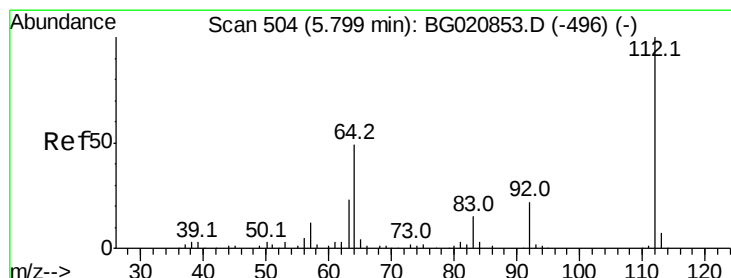
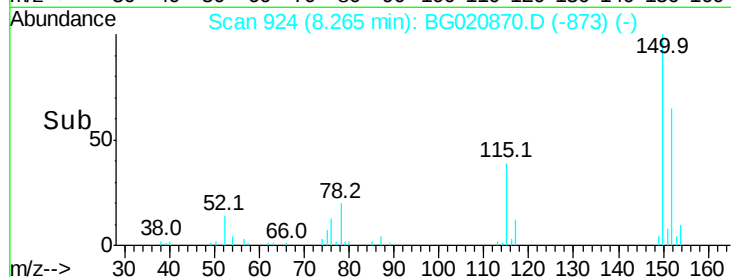
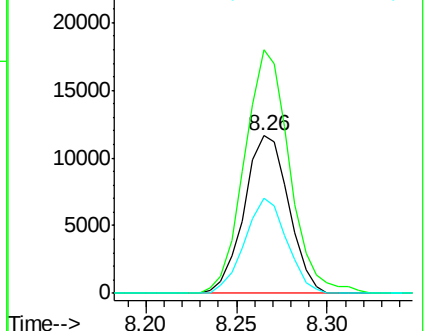
115 60.6 45.2 67.8



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: 118.18 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG020870.D

Acq: 12 Feb 2016 00:02

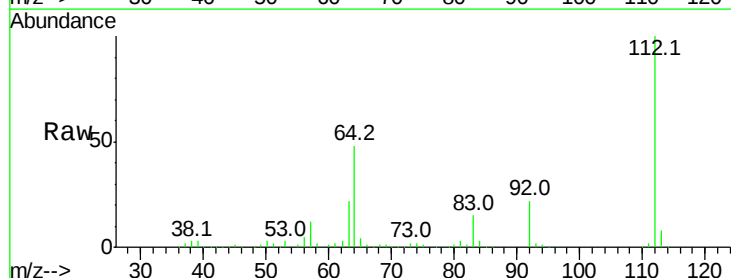
Tgt Ion:112 Resp: 140184

Ion Ratio Lower Upper

112 100

64 48.0 39.3 58.9

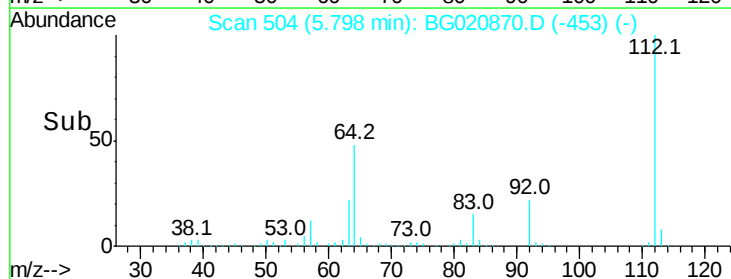
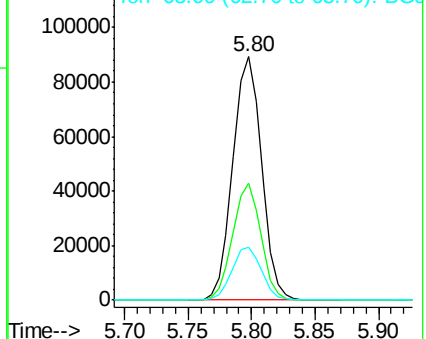
63 21.9 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 111.30 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020870.D

Acq: 12 Feb 2016 00:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

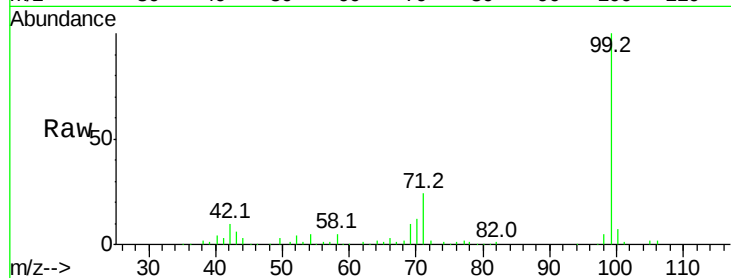
Tot Ion: 99 Resp: 192969

Ion Ratio Lower Upper

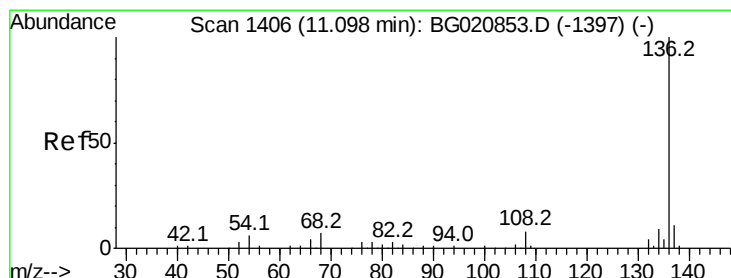
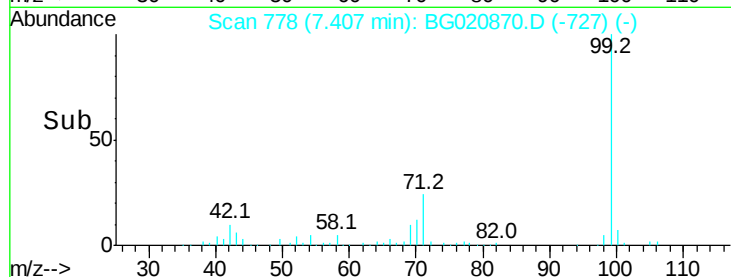
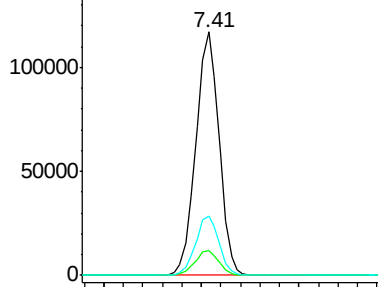
99 100

42 10.1 8.4 12.6

71 24.4 19.4 29.0



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: 11.09 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG020870.D

Acq: 12 Feb 2016 00:02

Tgt Ion: 136 Resp: 98449

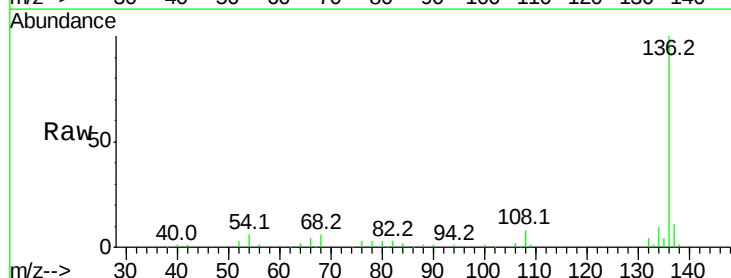
Ion Ratio Lower Upper

136 100

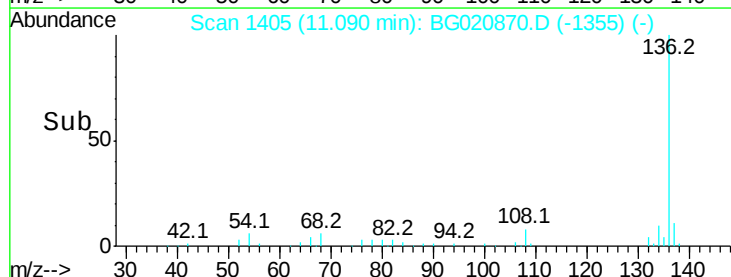
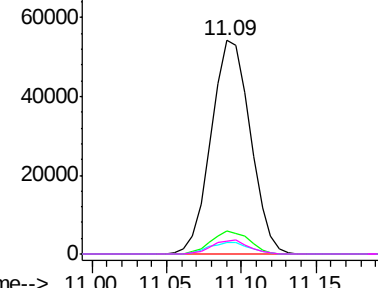
137 10.7 8.8 13.2

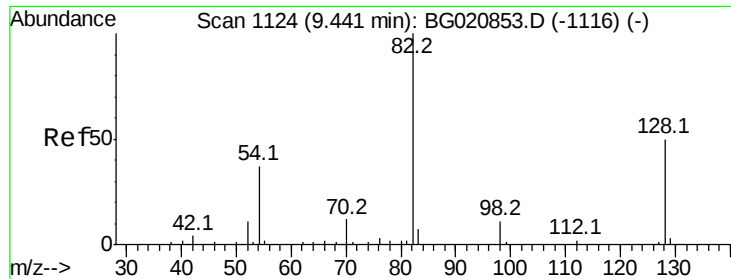
54 5.6 5.0 7.4

68 6.0 5.2 7.8



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

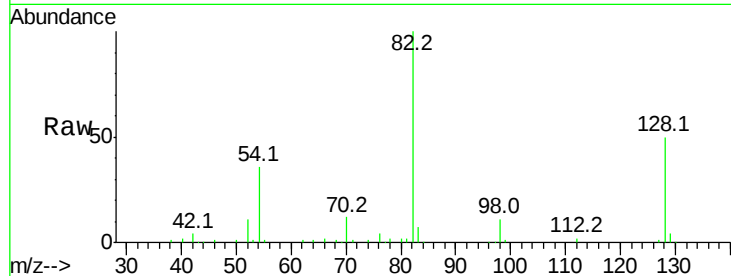




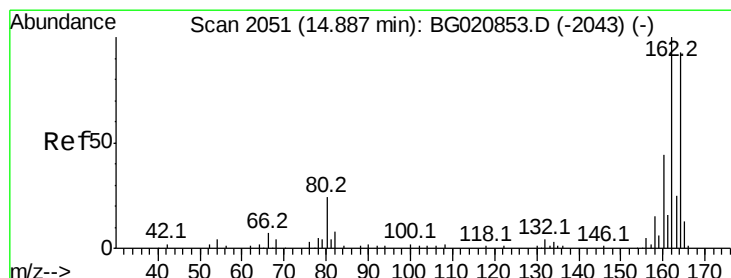
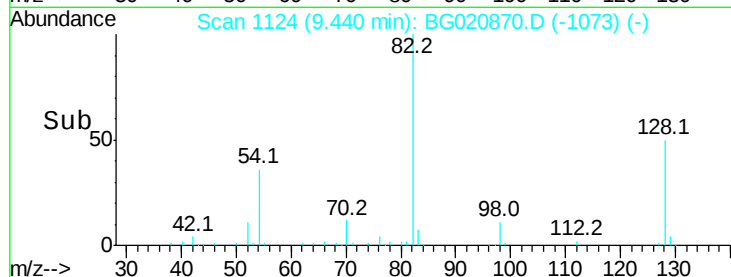
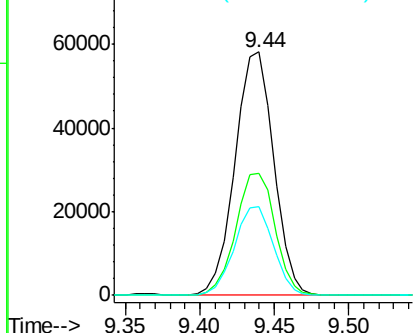
#23
Nitrobenzene-d5
Concen: 70.15 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tot Ion	82	Resp	105043
Ion Ratio	Lower	Upper	
82	100		
128	50.0	40.1	60.1
54	36.2	29.5	44.3

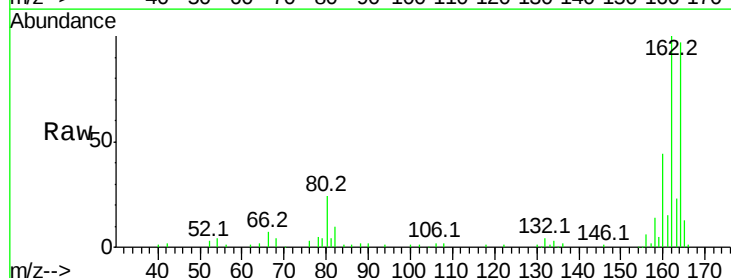


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

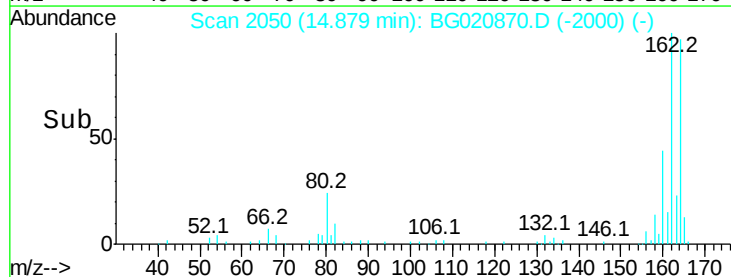
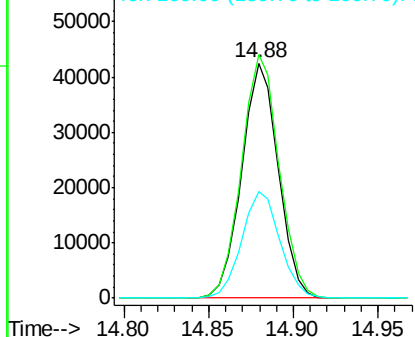


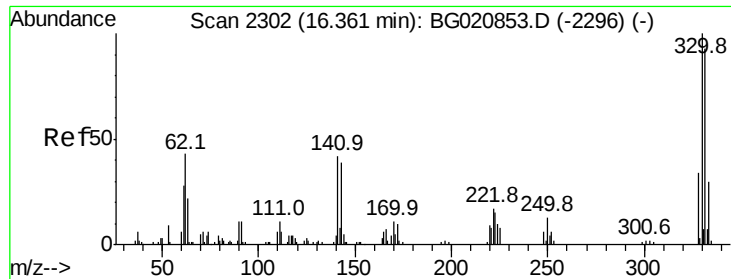
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Tgt Ion	164	Resp	63772
Ion Ratio	Lower	Upper	
164	100		
162	103.6	85.7	128.5
160	45.5	37.4	56.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

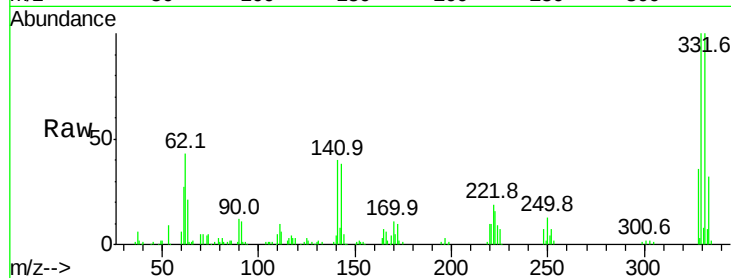




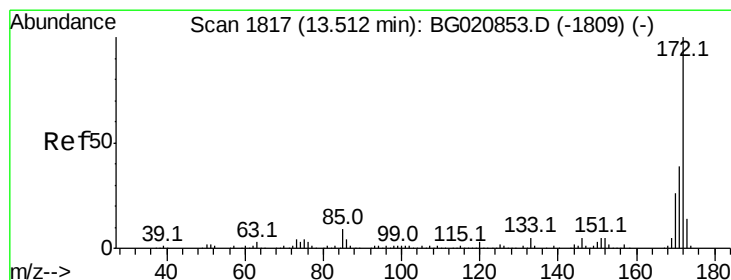
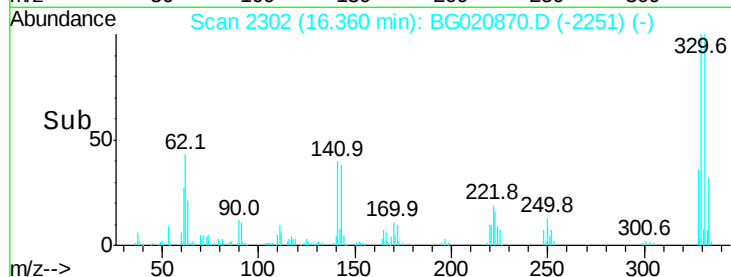
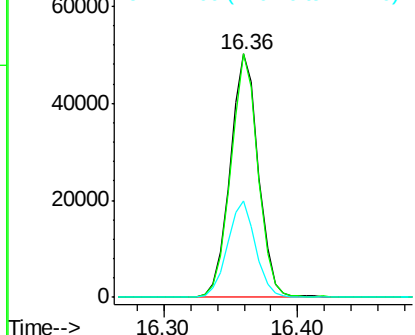
#41
 2,4,6-Tribromophenol
 Concen: 117.70 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG020870.D
 Acq: 12 Feb 2016 00:02

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:330 Resp: 73811
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.1 114.1
 141 39.2 32.0 48.0

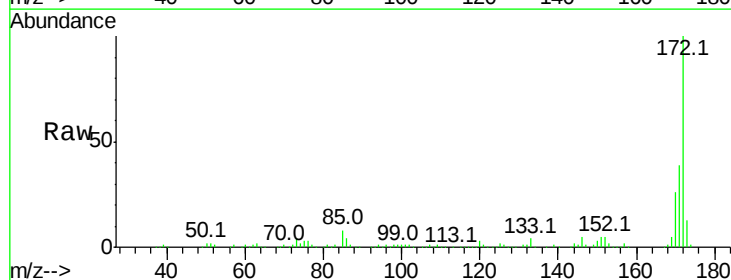


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

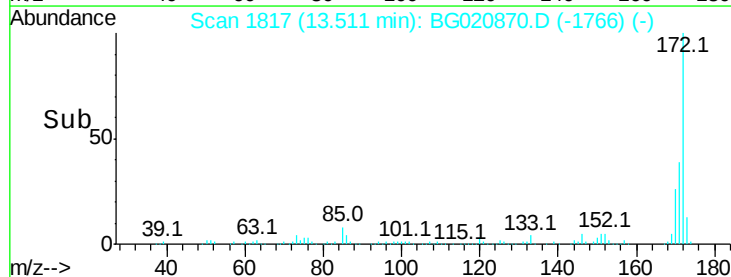
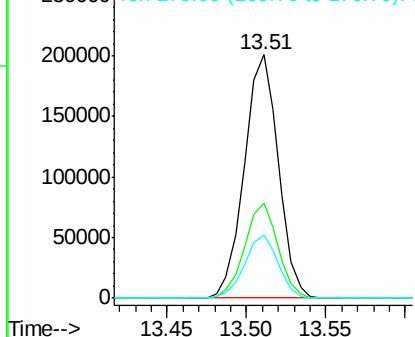


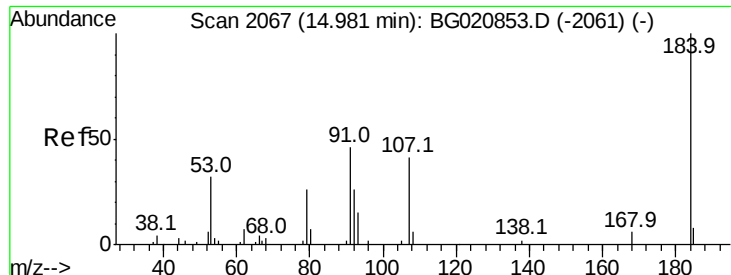
#44
 2-Fluorobiphenyl
 Concen: 65.84 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG020870.D
 Acq: 12 Feb 2016 00:02

Tgt Ion:172 Resp: 298903
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.2 46.8
 170 26.0 20.6 30.8



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

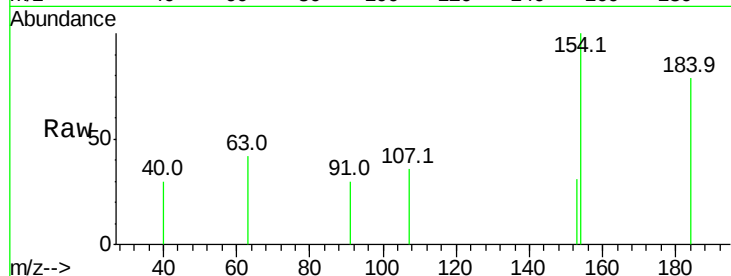




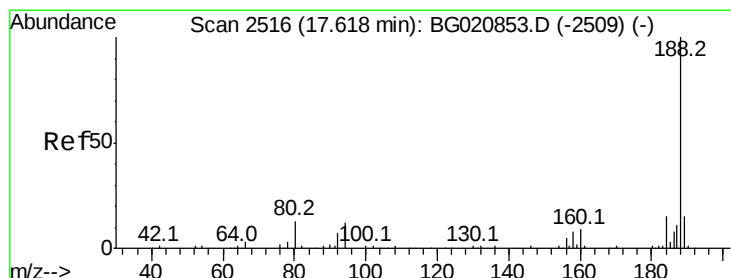
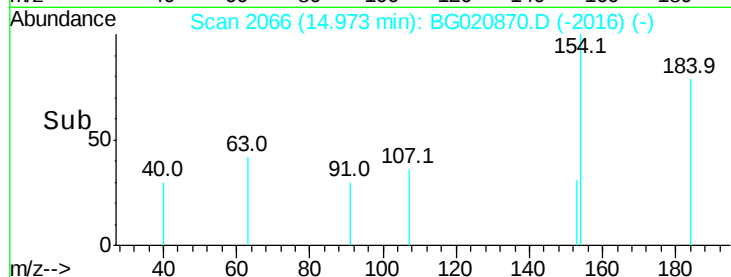
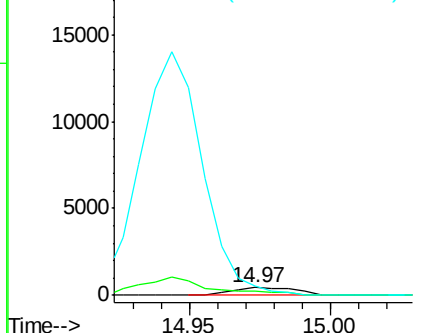
#53
 2,4-Dinitrophenol
 Concen: 9.80 ng
 RT: 14.97 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BG020870.D
 Acq: 12 Feb 2016 00:02

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Tot Ion:184 Resp: 701
 Ion Ratio Lower Upper
 184 100
 63 53.2 39.8 59.6
 154 126.7 48.1 72.1#

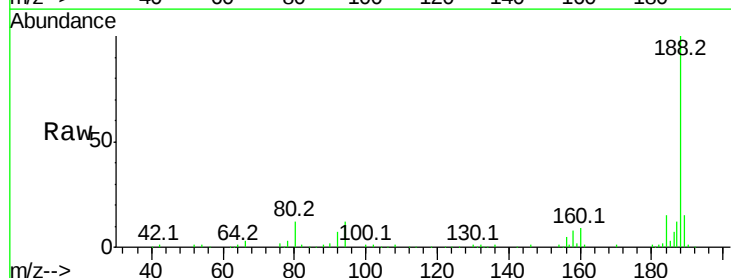


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

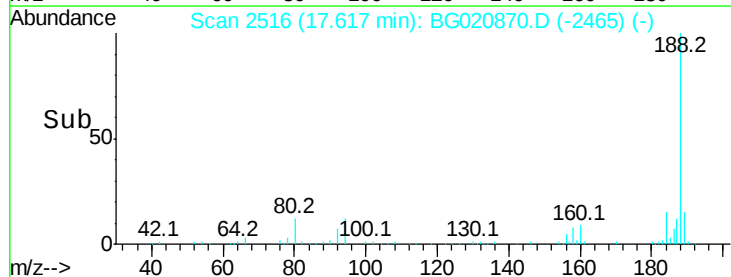
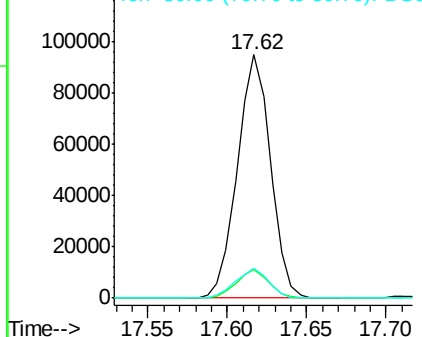


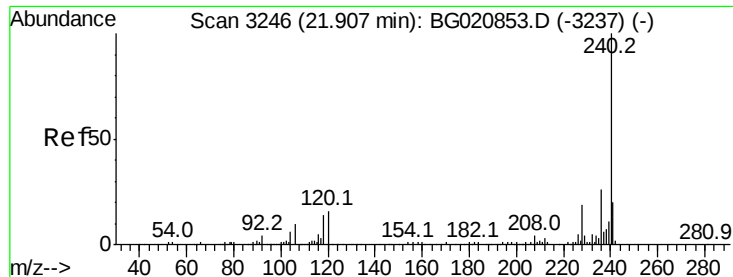
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: BG020870.D
 Acq: 12 Feb 2016 00:02

Tgt Ion:188 Resp: 137395
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.0
 80 12.0 10.2 15.4



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG020870.D

Acq: 12 Feb 2016 00:02

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

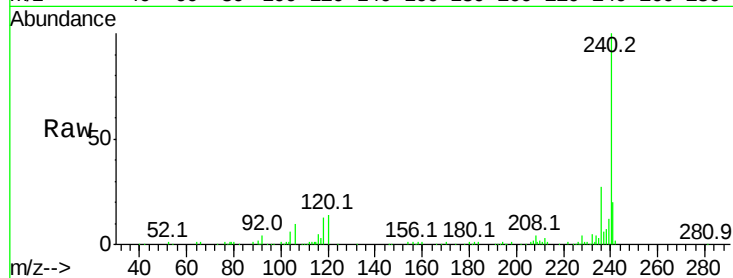
Tot Ion:240 Resp: 129678

Ion Ratio Lower Upper

240 100

120 14.4 13.0 19.4

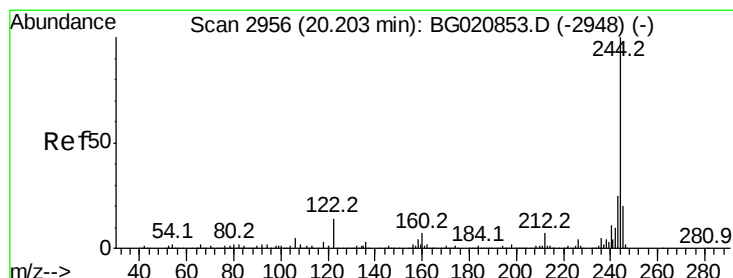
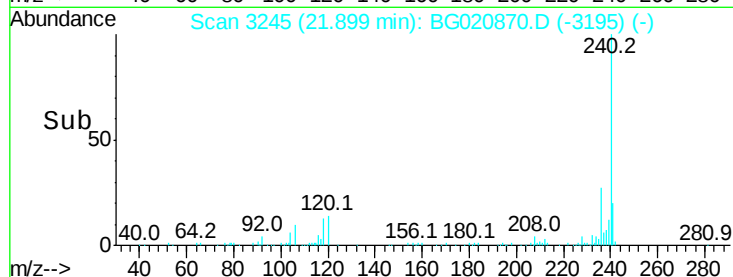
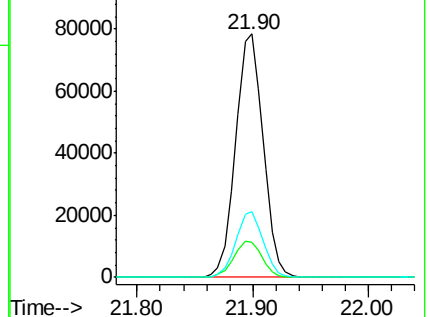
236 27.0 21.0 31.4



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: 75.26 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG020870.D

Acq: 12 Feb 2016 00:02

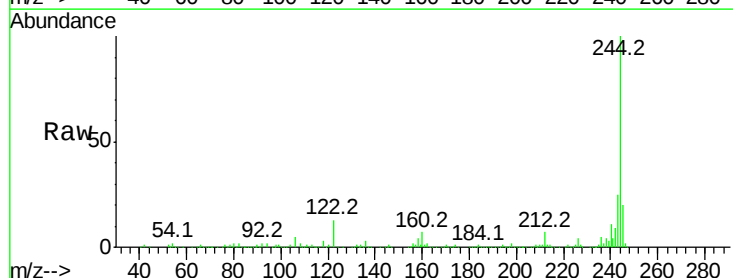
Tgt Ion:244 Resp: 418373

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

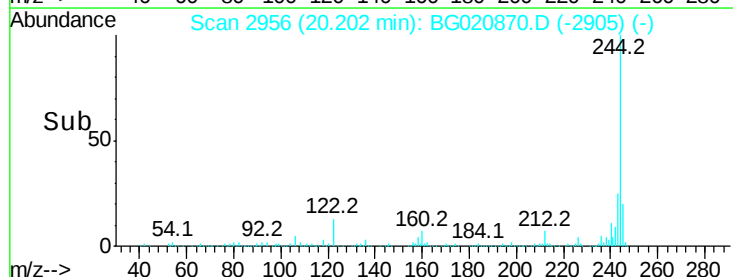
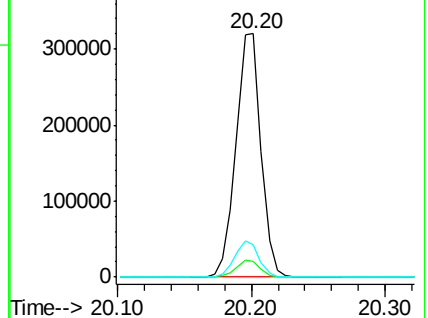
122 13.3 11.4 17.2

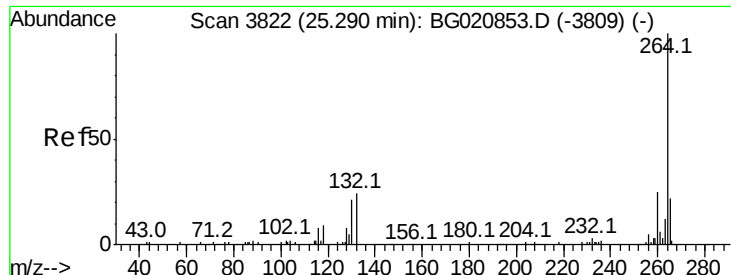


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

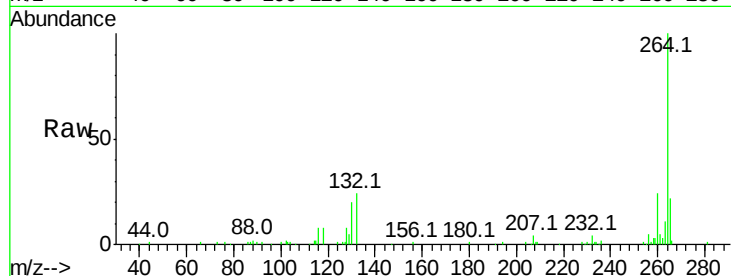




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG020870.D
Acq: 12 Feb 2016 00:02

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.9	29.9
265	22.0	18.0	27.0



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

