

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
 Data File : BG016891.D
 Acq On : 6 May 2015 9:35
 Operator : TP/IZ
 Sample : G2035-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 06 13:46:03 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

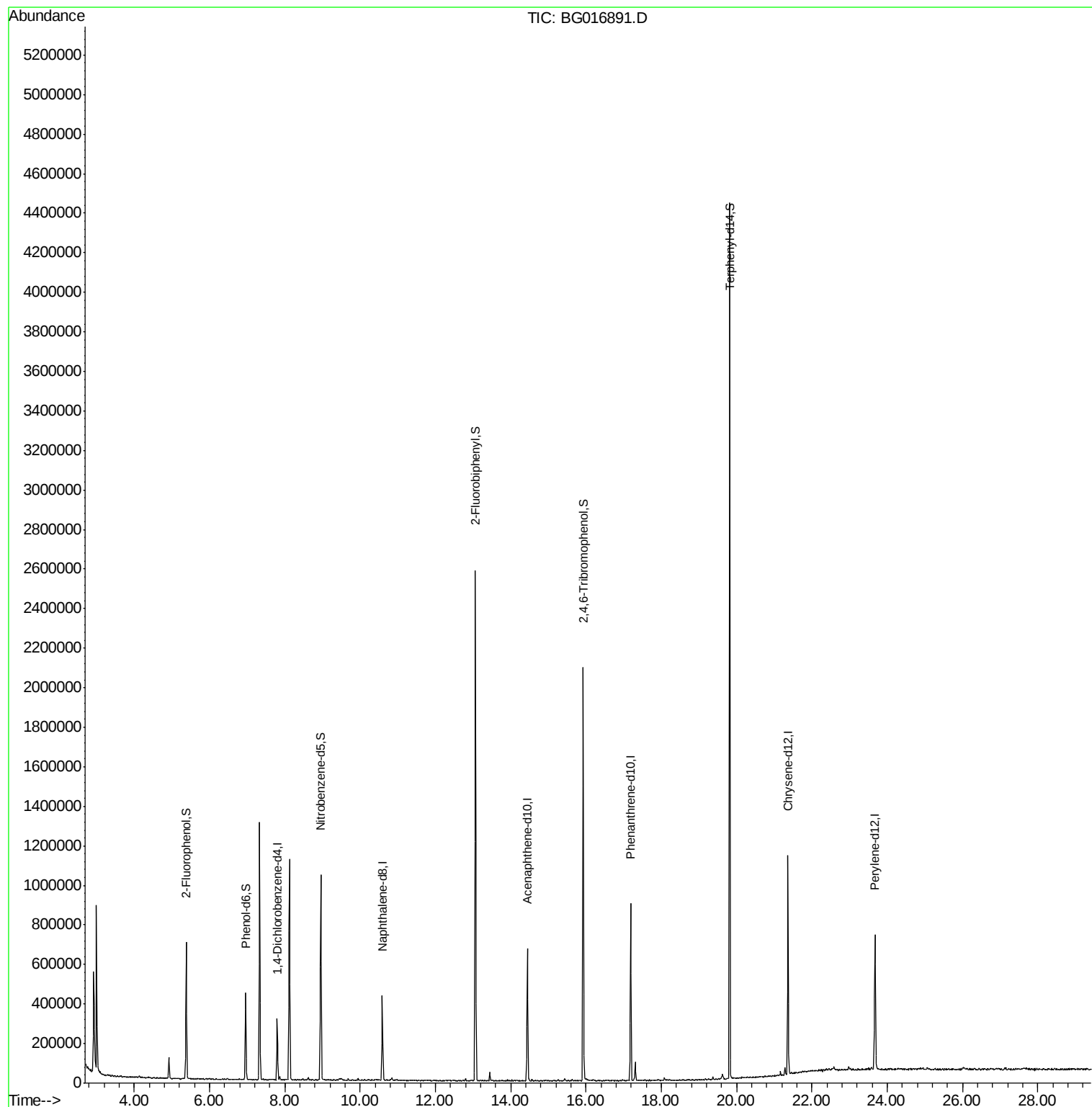
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	73461	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	325487	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	216032	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	478567	20.00	ng	0.00
75) Chrysene-d12	21.37	240	478753	20.00	ng	0.00
86) Perylene-d12	23.68	264	463552	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	247370	58.63	ng	0.00
7) Phenol-d6	6.96	99	201840	33.49	ng	0.00
23) Nitrobenzene-d5	8.96	82	548988	82.40	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	293411	135.29	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1146309	80.07	ng	0.00
78) Terphenyl-d14	19.81	244	1734213	84.92	ng	0.00
Target Compounds						
32) Benzoic acid	9.97	122	55	Below Cal	Qvalue #	1

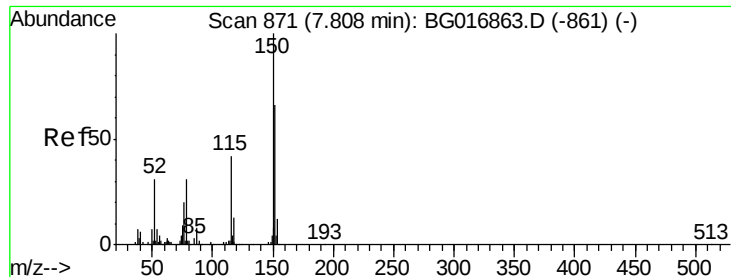
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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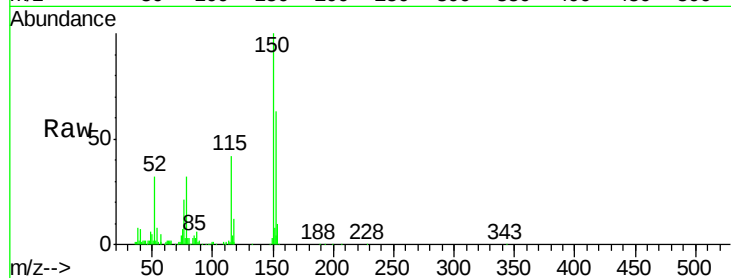


#1

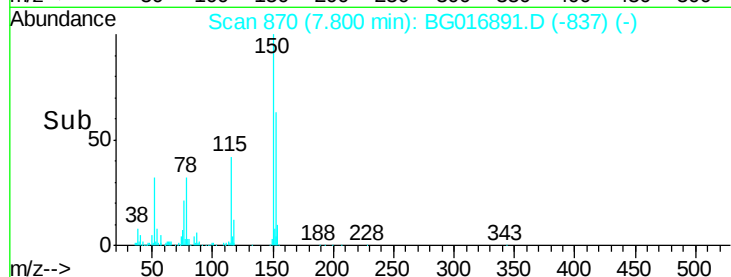
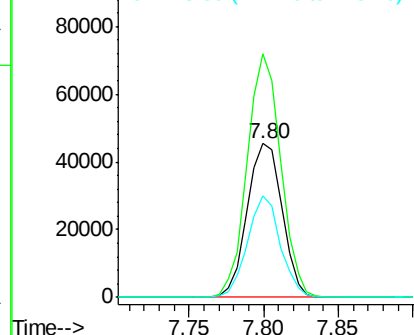
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. -0.01 min
Lab File: BG016891.D
Acq: 6 May 2015 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	121.0	181.4
115	65.8	50.5	75.7



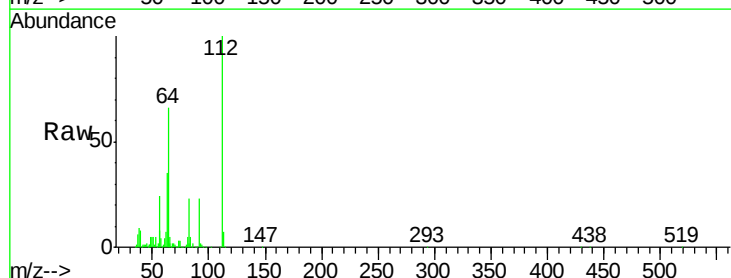
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



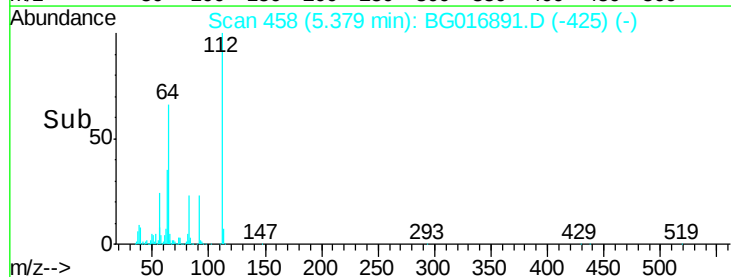
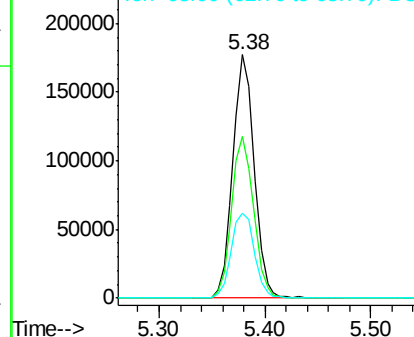
#5

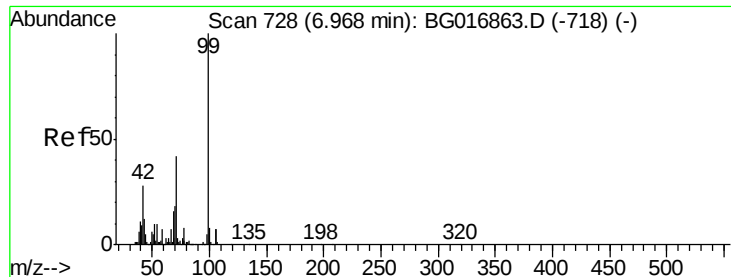
2-Fluorophenol
Concen: 58.63 ng
RT: 5.38 min Scan# 458
Delta R.T. -0.01 min
Lab File: BG016891.D
Acq: 6 May 2015 9:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	51.4	77.2
63	35.0	28.1	42.1



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: 33.49 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016891.D

Acq: 6 May 2015 9:35

Instrument :

BNA_G

ClientSampleId :

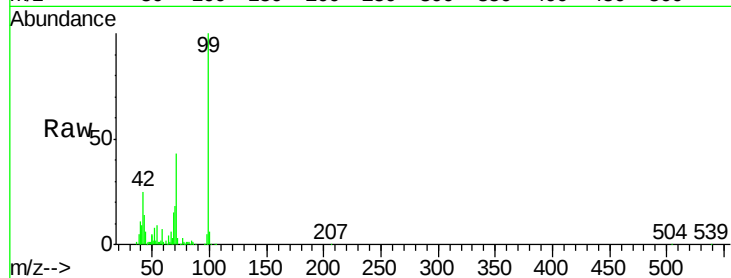
Tot Ion: 99 Resp: 201840

Ion Ratio Lower Upper

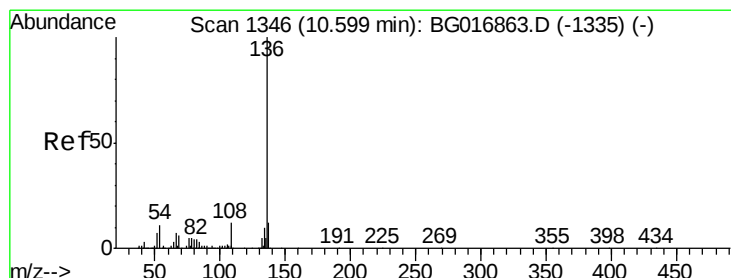
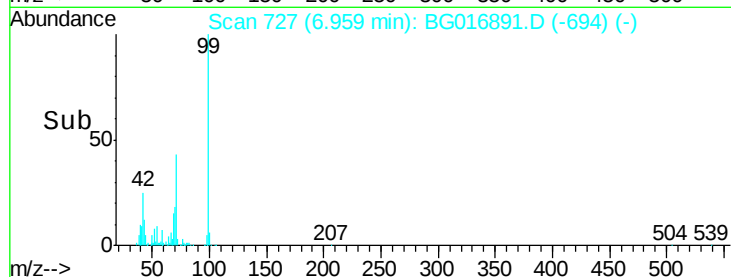
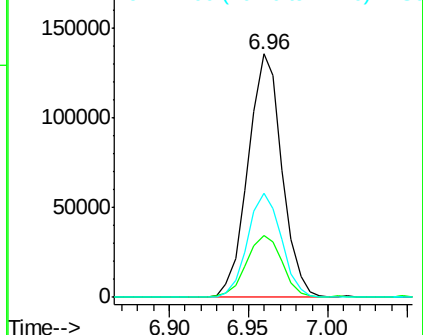
99 100

42 25.3 22.1 33.1

71 42.9 33.4 50.0



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: 10.60 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BG016891.D

Acq: 6 May 2015 9:35

Tgt Ion: 136 Resp: 325487

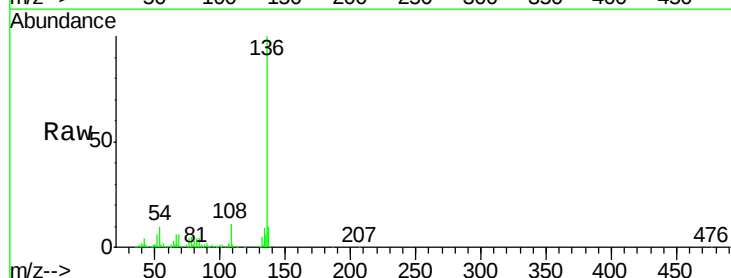
Ion Ratio Lower Upper

136 100

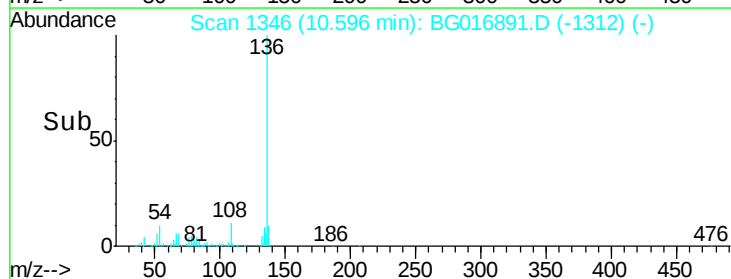
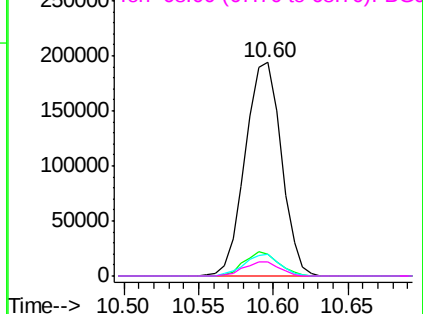
137 10.2 9.8 14.8

54 10.0 8.7 13.1

68 6.4 5.0 7.4



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

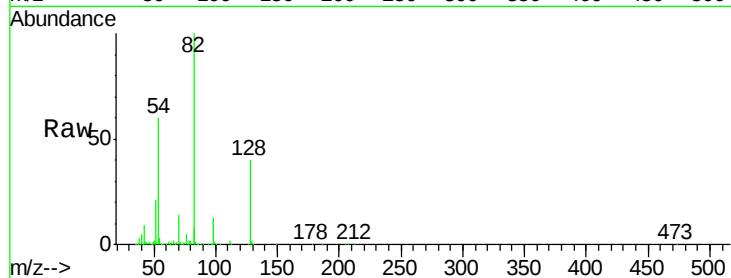




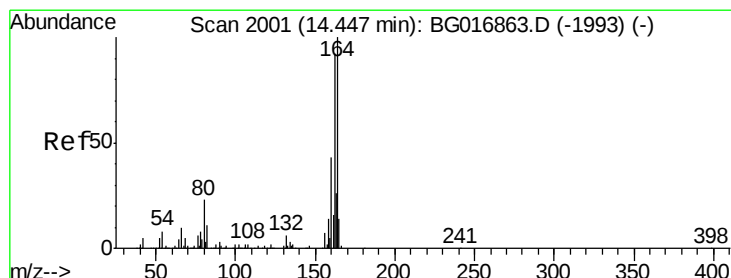
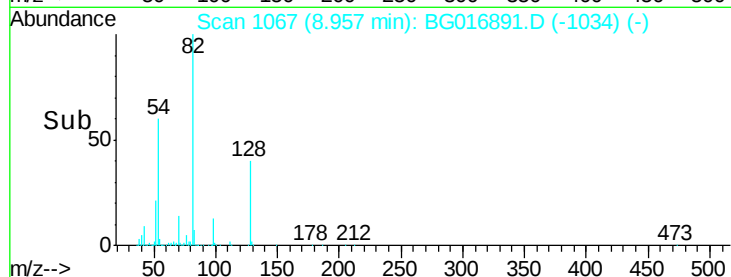
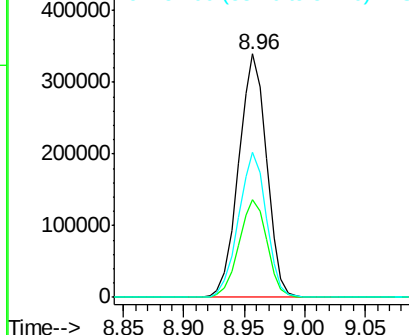
#23
Nitrobenzene-d5
Concen: 82.40 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG016891.D
Acq: 6 May 2015 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	548988
Ion Ratio	Lower	Upper	
82	100		
128	39.9	33.2	49.8
54	59.6	48.6	72.8

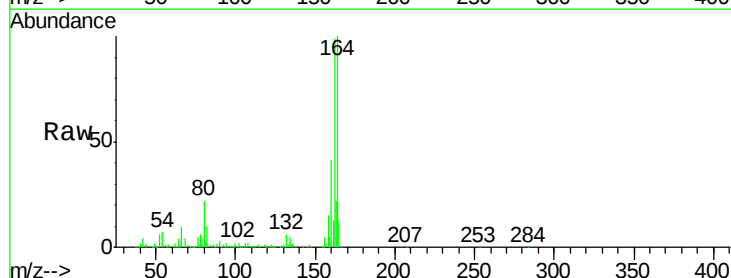


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

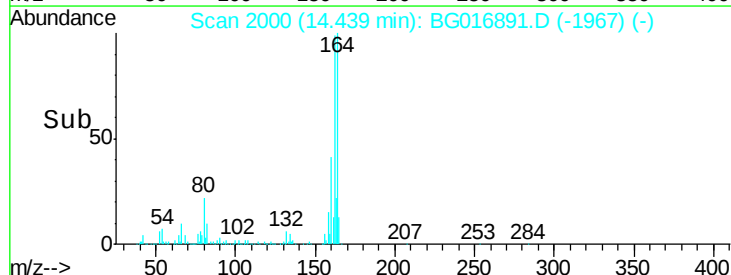
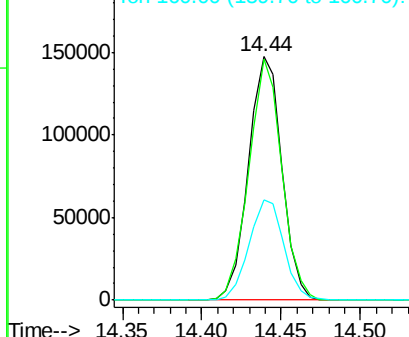


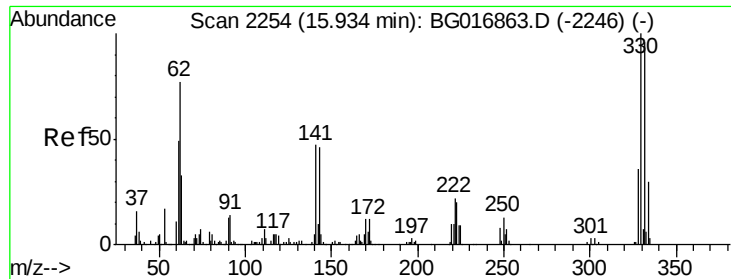
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG016891.D
Acq: 6 May 2015 9:35

Tgt Ion	164	Resp	216032
Ion Ratio	Lower	Upper	
164	100		
162	99.1	74.0	111.0
160	41.4	34.7	52.1



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

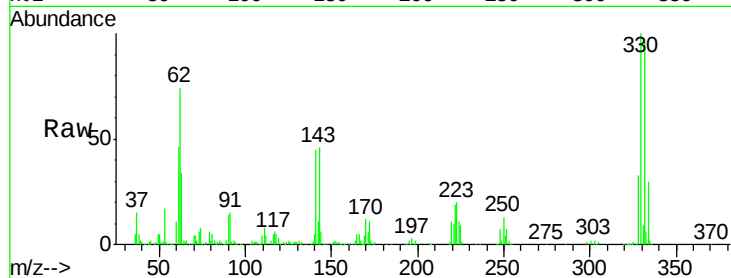




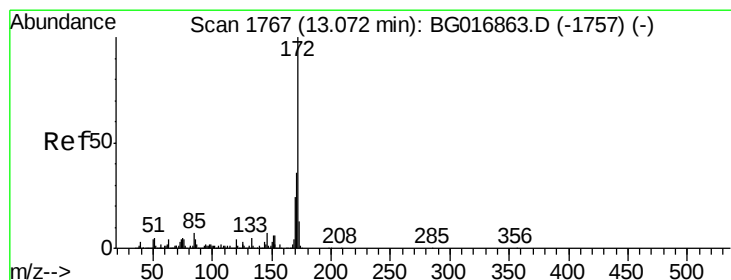
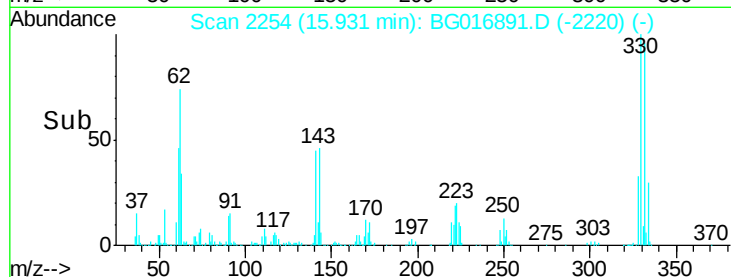
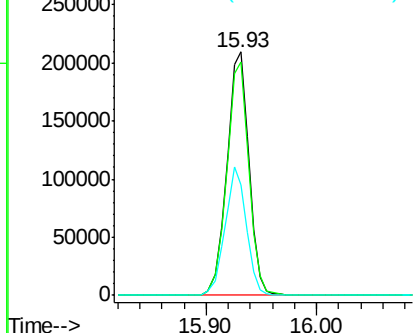
#41
2,4,6-Tribromophenol
Concen: 135.29 ng
RT: 15.93 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BG016891.D
Acq: 6 May 2015 9:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:330 Resp: 293411
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 50.7 0.0 0.0#

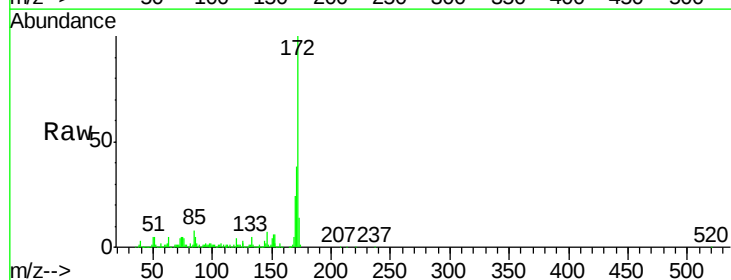


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

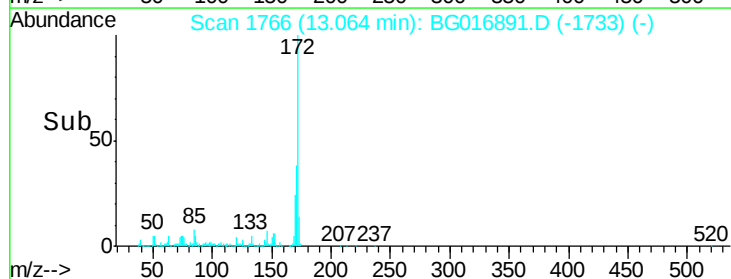
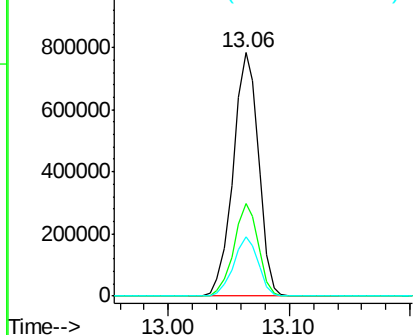


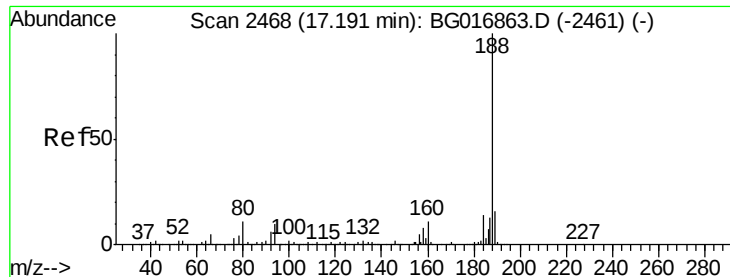
#44
2-Fluorobiphenyl
Concen: 80.07 ng
RT: 13.06 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG016891.D
Acq: 6 May 2015 9:35

Tgt Ion:172 Resp: 1146309
Ion Ratio Lower Upper
172 100
171 37.9 29.0 43.4
170 24.3 19.0 28.4



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: 17.19 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BG016891.D

Acq: 6 May 2015 9:35

Instrument :

BNA_G

ClientSampleId :

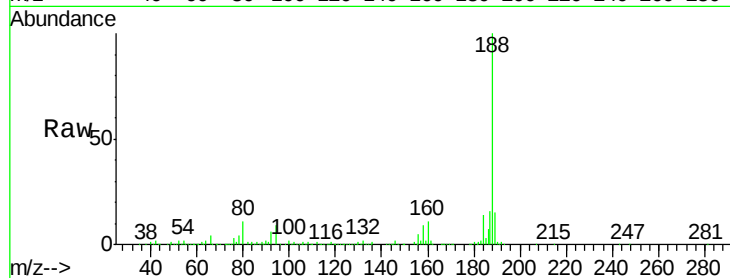
Tot Ion:188 Resp: 478567

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.4

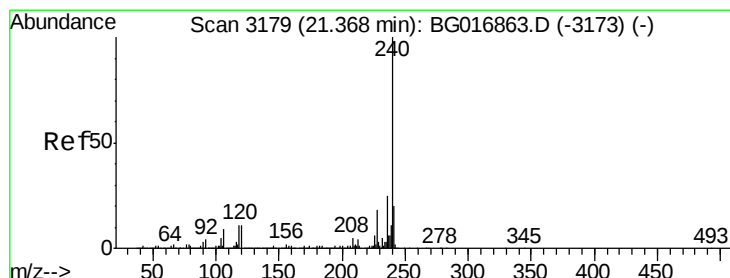
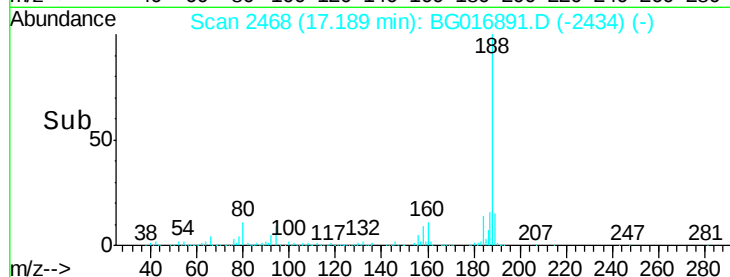
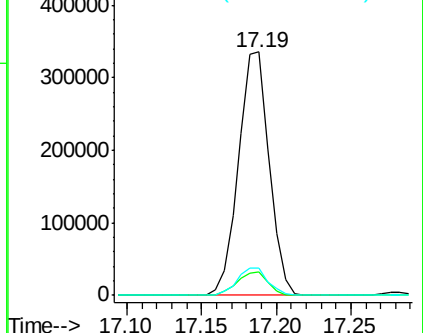
80 11.4 8.8 13.2



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: 21.37 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG016891.D

Acq: 6 May 2015 9:35

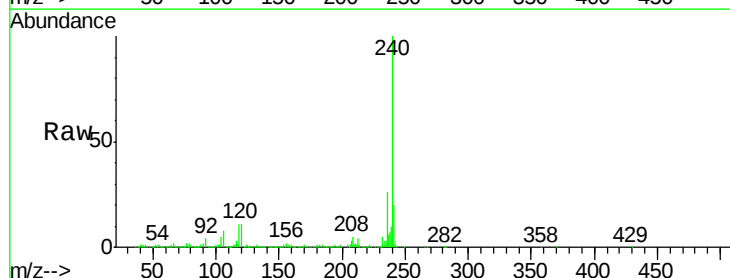
Tgt Ion:240 Resp: 478753

Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

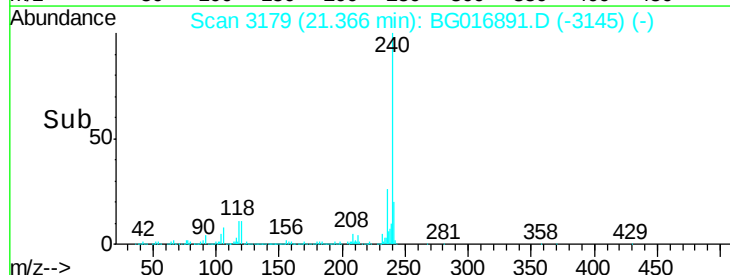
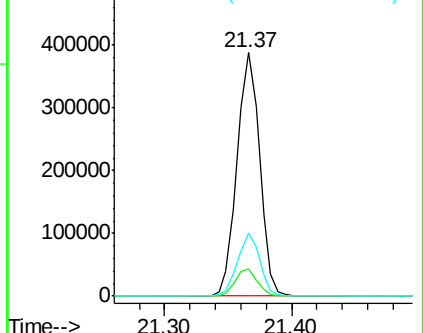
236 25.7 20.2 30.4

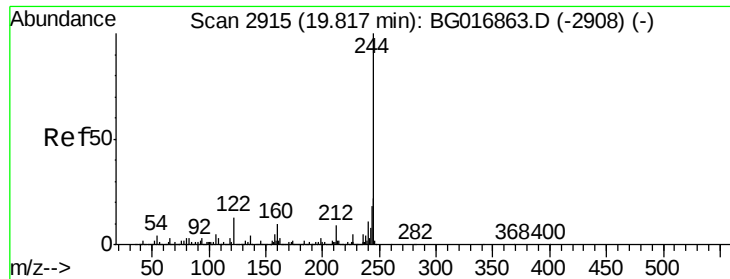


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.92 ng

RT: 19.81 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG016891.D

Acq: 6 May 2015 9:35

Instrument :

BNA_G

ClientSampleId :

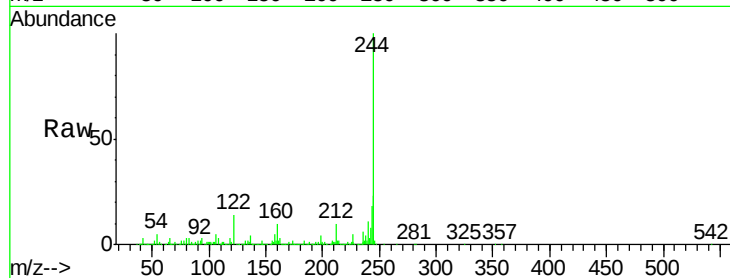
Tot Ion:244 Resp: 1734213

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.6

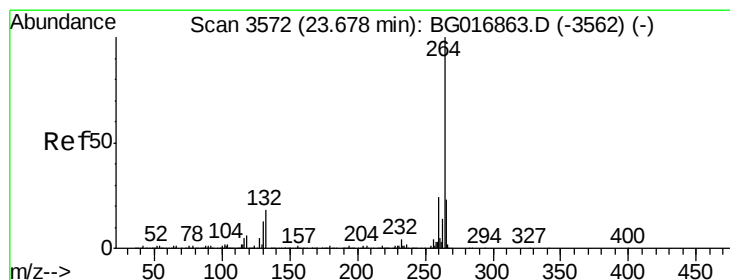
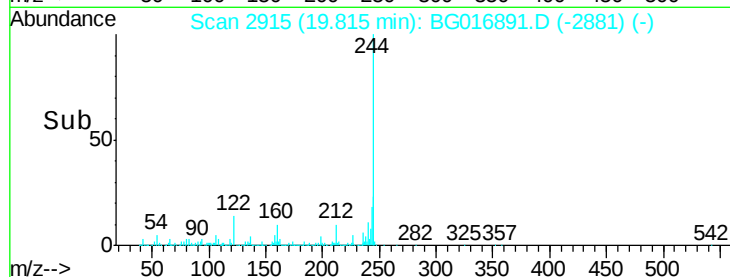
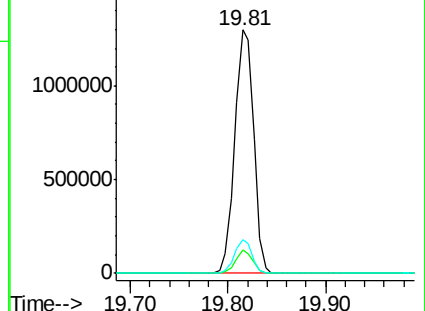
122 14.1 10.4 15.6



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: 23.68 min Scan# 3573

Delta R.T. 0.00 min

Lab File: BG016891.D

Acq: 6 May 2015 9:35

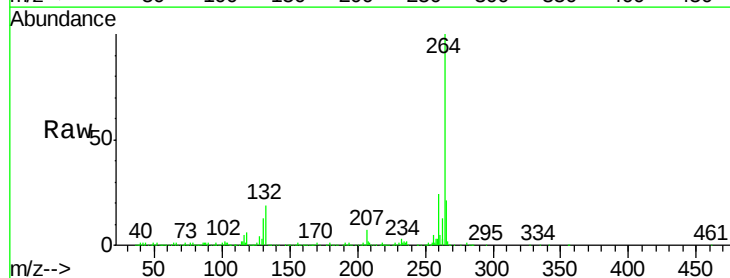
Tgt Ion:264 Resp: 463552

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.4 18.5 27.7



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

