

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
 Data File : BG016902.D
 Acq On : 6 May 2015 16:44
 Operator : TP/IZ
 Sample : G2084-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11

Quant Time: May 07 04:49:05 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 03:57:31 2015
 Response via : Initial Calibration

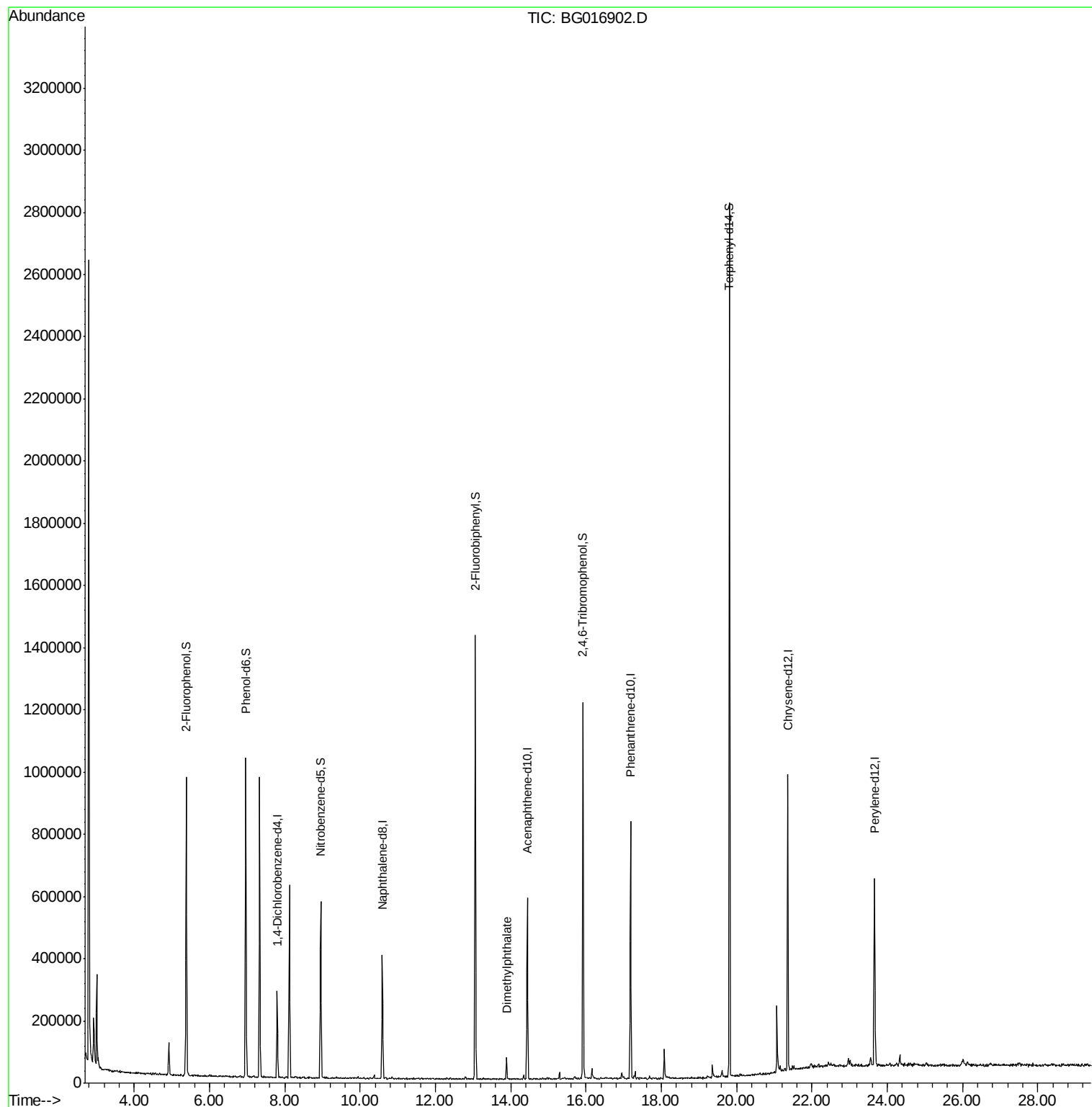
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	63193	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	284171	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	187560	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	422834	20.00	ng	0.00
75) Chrysene-d12	21.36	240	413458	20.00	ng	0.00
86) Perylene-d12	23.66	264	403591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	342126	94.27	ng	0.00
7) Phenol-d6	6.97	99	474750	91.56	ng	0.00
23) Nitrobenzene-d5	8.95	82	306025	52.61	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	165918	88.12	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	626196	50.38	ng	0.00
78) Terphenyl-d14	19.81	244	997366	56.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.89	163	37062	2.65	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG016902.D

Acq: 6 May 2015 16:44

Instrument :

BNA_G

ClientSampleId :

11

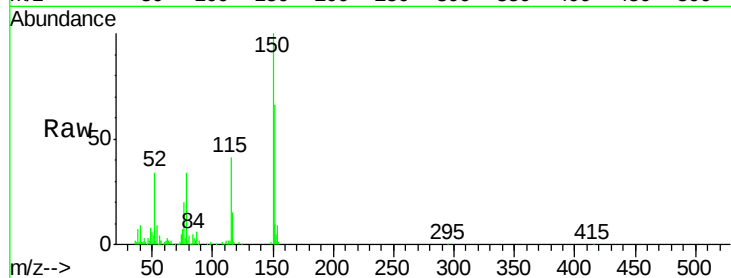
Tot Ion:152 Resp: 63193

Ion Ratio Lower Upper

152 100

150 151.7 121.0 181.4

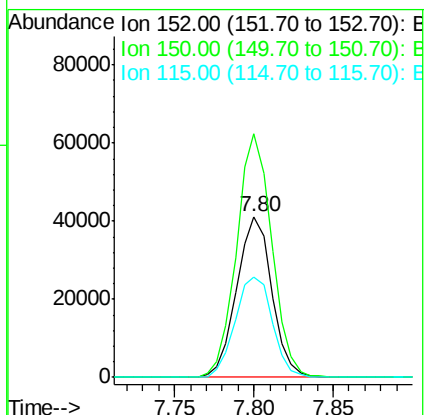
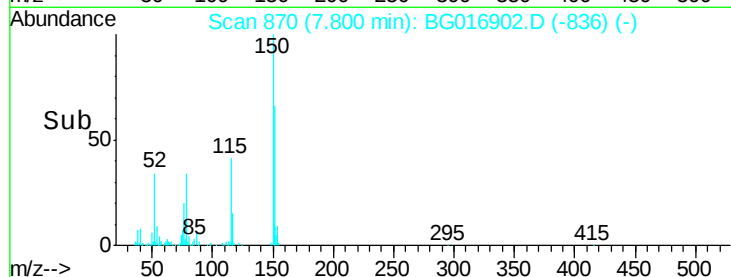
115 62.2 50.5 75.7



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: 94.27 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.00 min

Lab File: BG016902.D

Acq: 6 May 2015 16:44

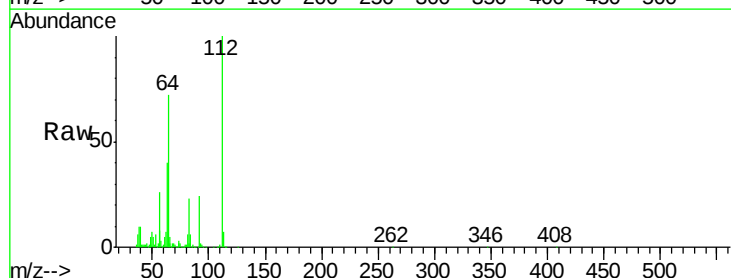
Tgt Ion:112 Resp: 342126

Ion Ratio Lower Upper

112 100

64 72.0 51.4 77.2

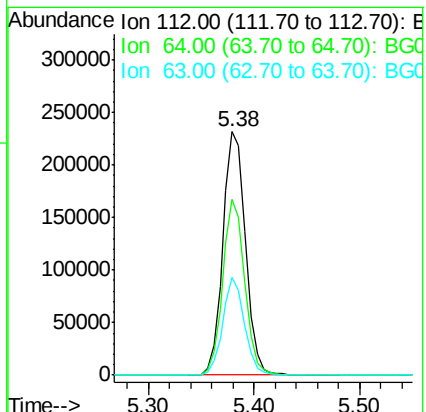
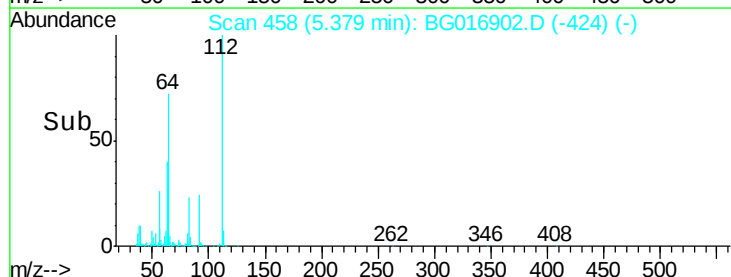
63 40.3 28.1 42.1

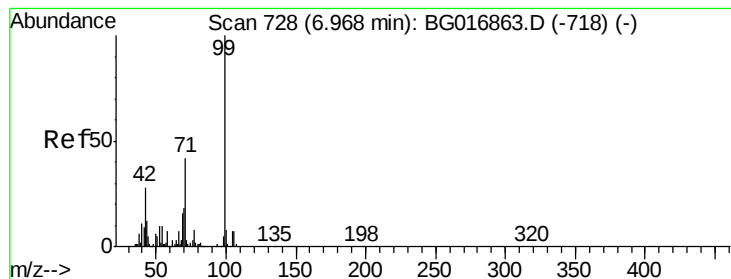


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 91.56 ng

RT: 6.97 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG016902.D

Acq: 6 May 2015 16:44

Instrument :

BNA_G

ClientSampleId :

11

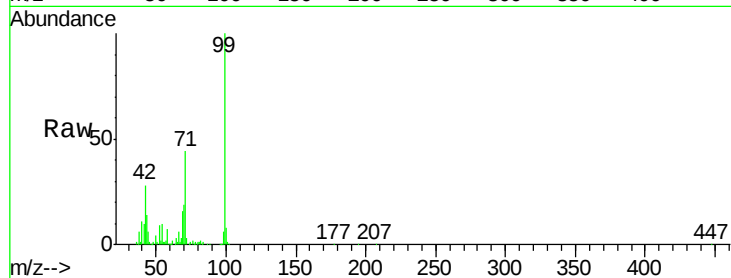
Tot Ion: 99 Resp: 474750

Ion	Ratio	Lower	Upper
99	100		
42	27.9	22.1	33.1
71	43.6	33.4	50.0

99 100

42 27.9 22.1 33.1

71 43.6 33.4 50.0

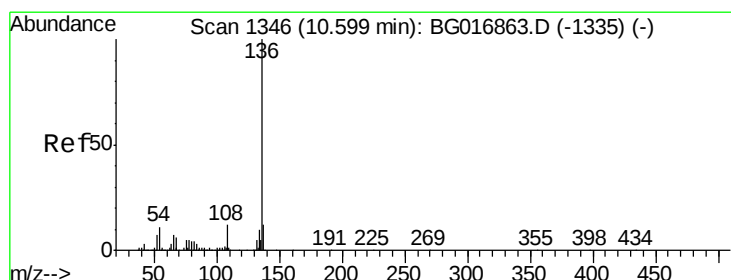
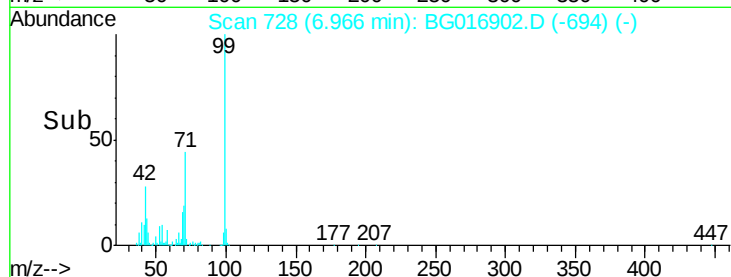
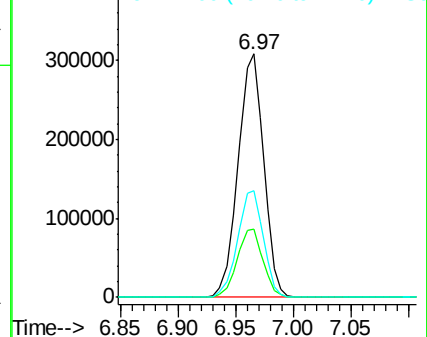


Abundance

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: 10.59 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG016902.D

Acq: 6 May 2015 16:44

Tgt Ion: 136 Resp: 284171

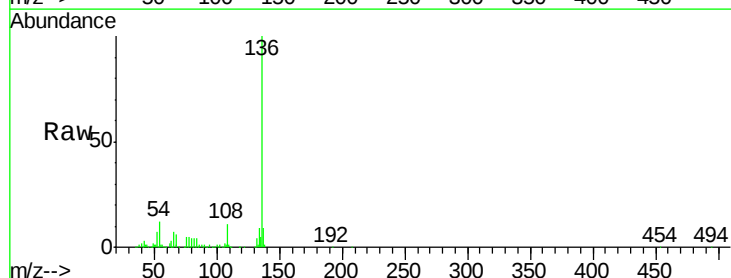
Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.8	14.8#
54	11.6	8.7	13.1
68	5.8	5.0	7.4

136 100

137 9.4 9.8 14.8#

54 11.6 8.7 13.1

68 5.8 5.0 7.4



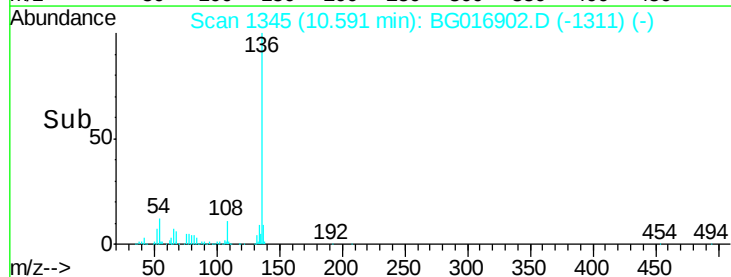
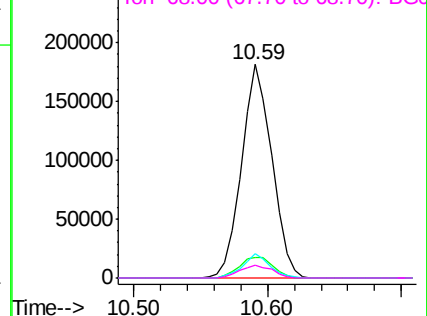
Abundance

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

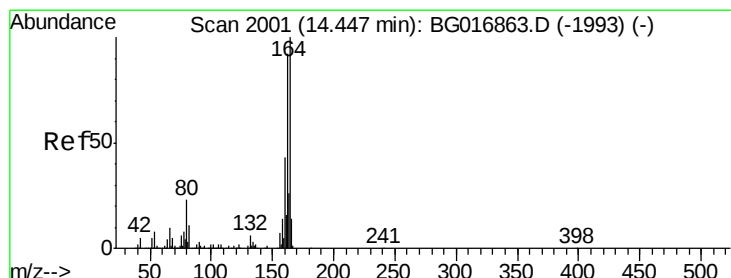
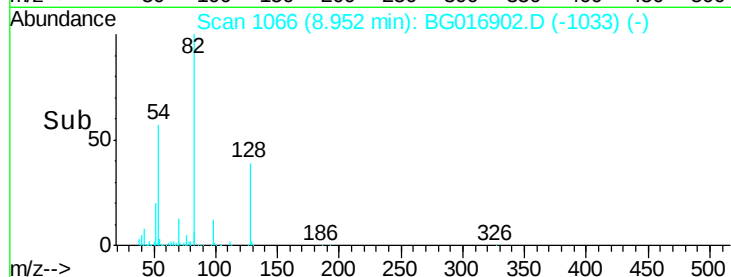
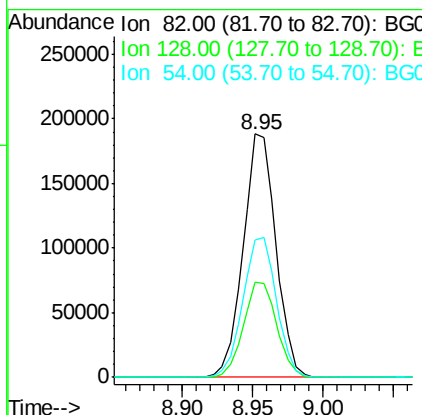
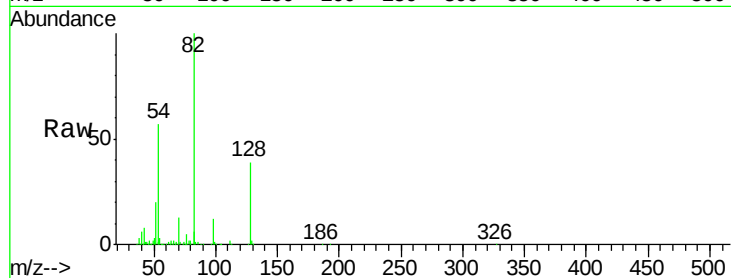




#23
 Nitrobenzene-d5
 Concen: 52.61 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG016902.D
 Acq: 6 May 2015 16:44

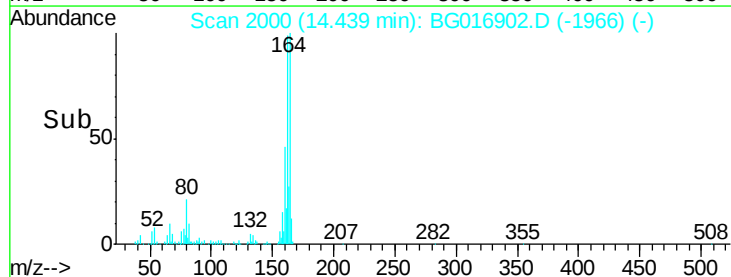
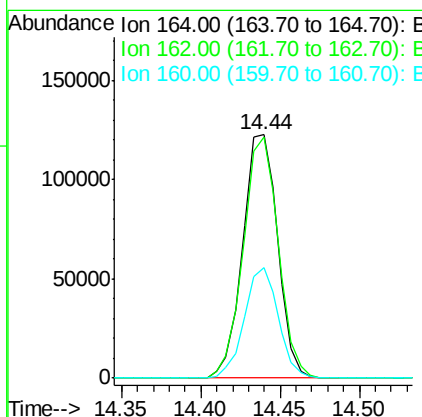
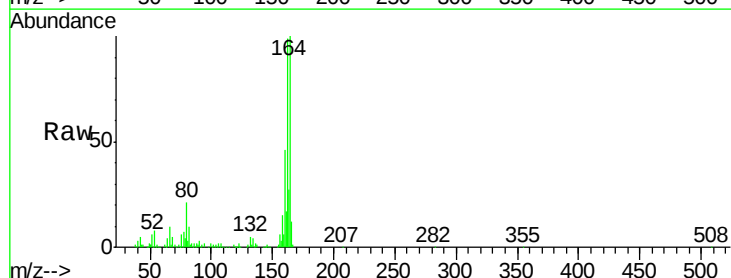
Instrument :
 BNA_G
 ClientSampleId :
 11

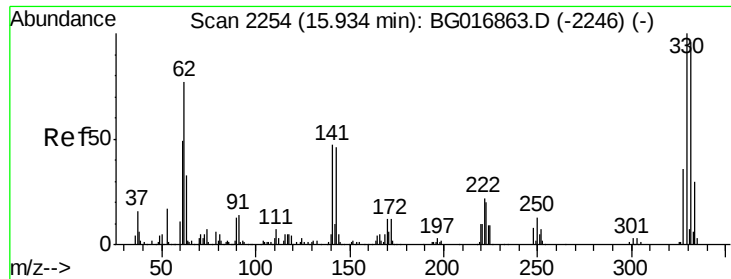
Tot Ion	82	Resp	306025
Ion Ratio	Lower	Upper	
82	100		
128	39.0	33.2	49.8
54	56.6	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BG016902.D
 Acq: 6 May 2015 16:44

Tgt Ion	164	Resp	187560
Ion Ratio	Lower	Upper	
164	100		
162	98.8	74.0	111.0
160	45.5	34.7	52.1

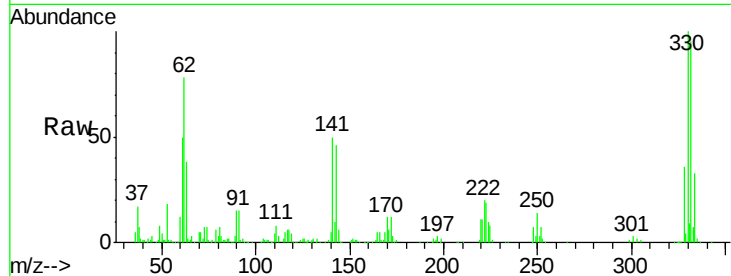




#41
 2,4,6-Tribromophenol
 Concen: 88.12 ng
 RT: 15.93 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BG016902.D
 Acq: 6 May 2015 16:44

Instrument :
 BNA_G
 ClientSampleId :
 11

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	52.3	0.0	0.0#

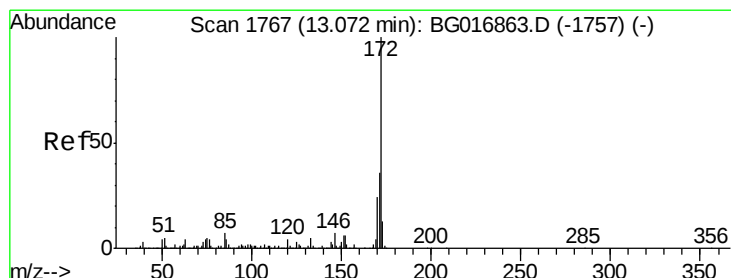
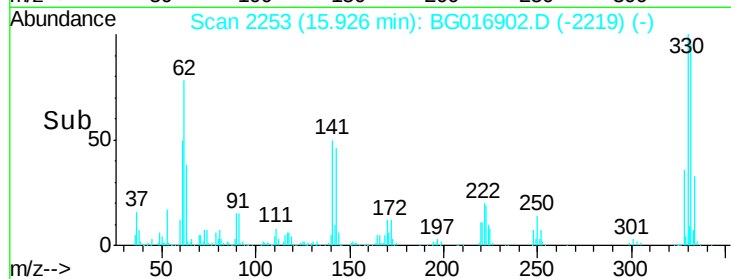
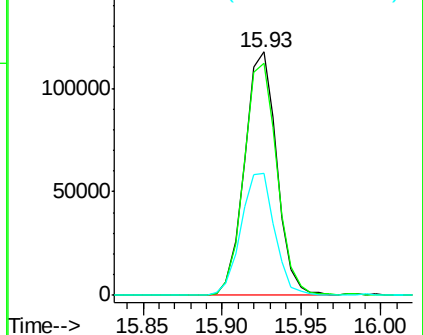


Abundance

Ion 329.80 (329.50 to 330.50): E

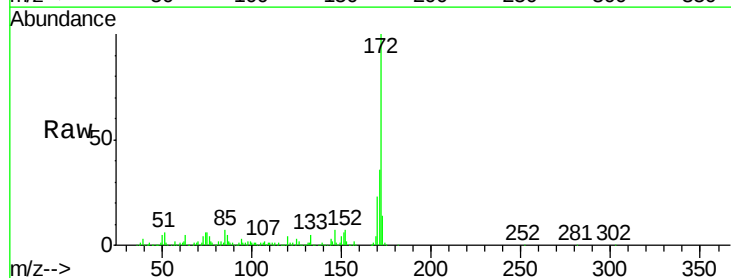
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 50.38 ng
 RT: 13.06 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG016902.D
 Acq: 6 May 2015 16:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	23.1	19.0	28.4

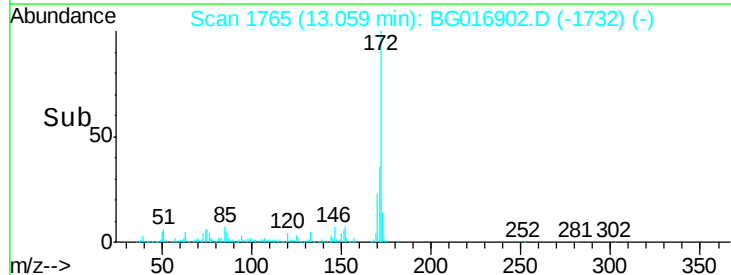
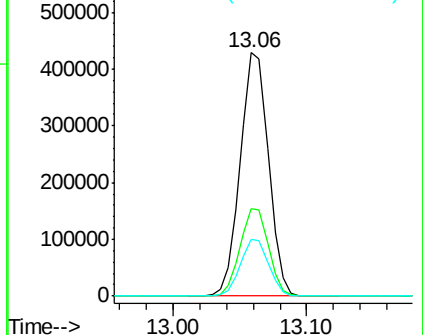


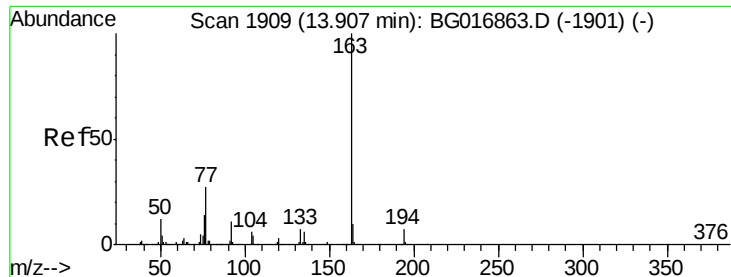
Abundance

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

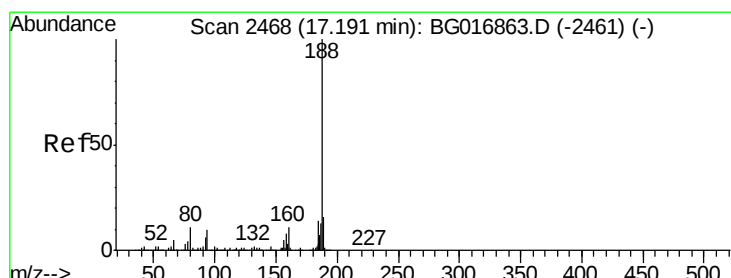
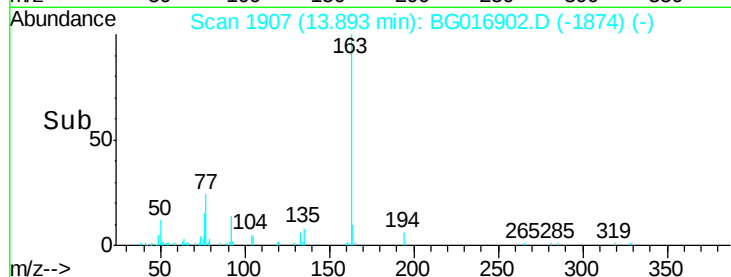
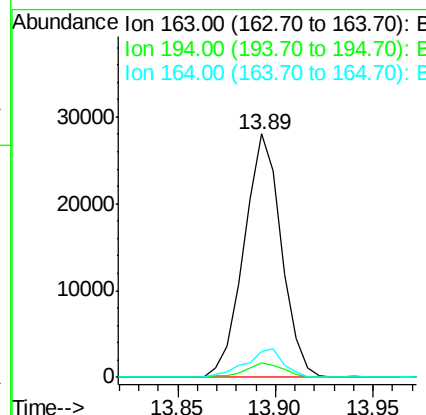
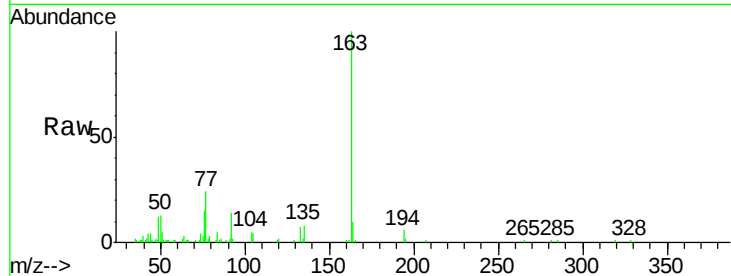




#49
Dimethylphthalate
Concen: 2.65 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG016902.D
Acq: 6 May 2015 16:44

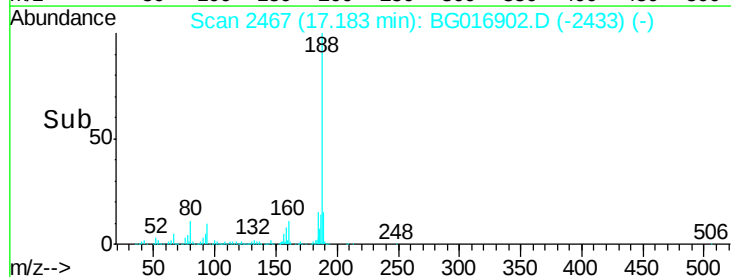
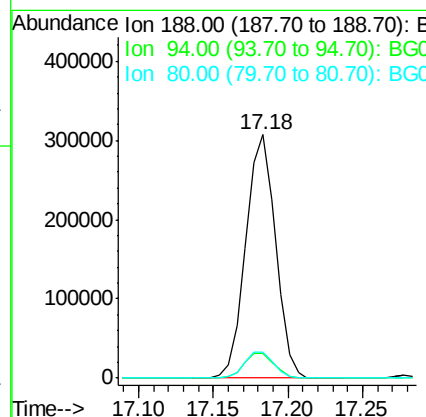
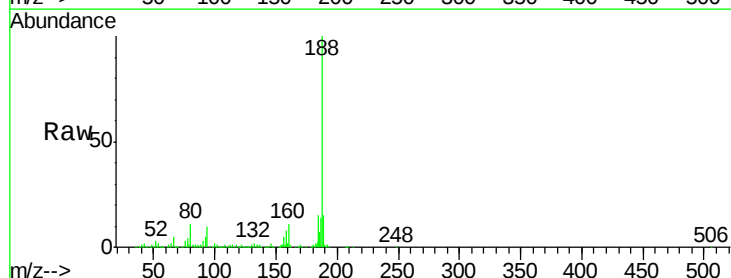
Instrument :
BNA_G
ClientSampleId :
11

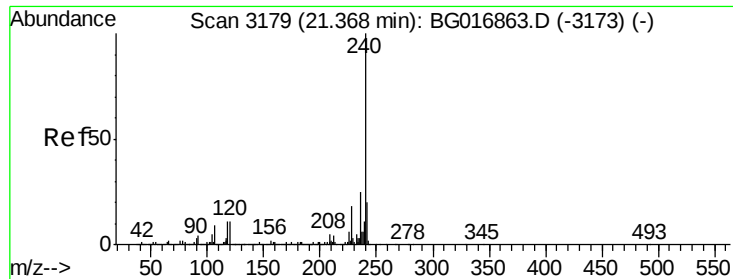
Tot Ion:163 Resp: 37062
Ion Ratio Lower Upper
163 100
194 6.1 5.2 7.8
164 10.4 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG016902.D
Acq: 6 May 2015 16:44

Tgt Ion:188 Resp: 422834
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.4
80 10.6 8.8 13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG016902.D

Acq: 6 May 2015 16:44

Instrument :

BNA_G

ClientSampleId :

11

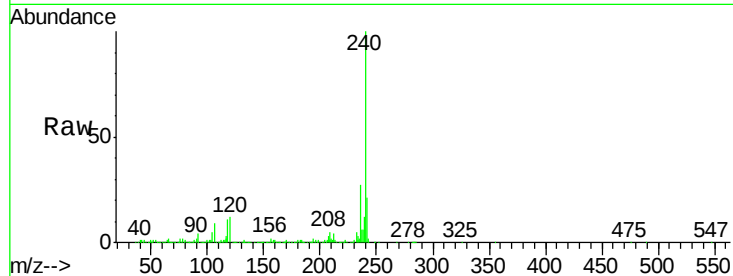
Tot Ion:240 Resp: 413458

Ion Ratio Lower Upper

240 100

120 11.8 9.1 13.7

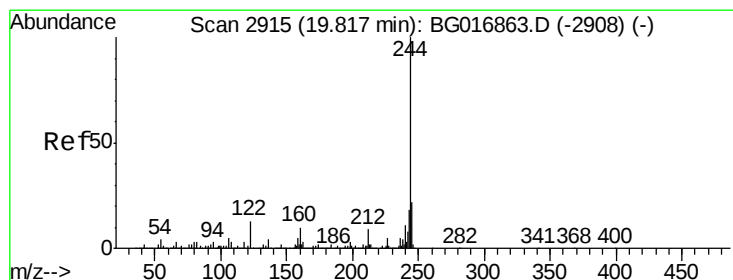
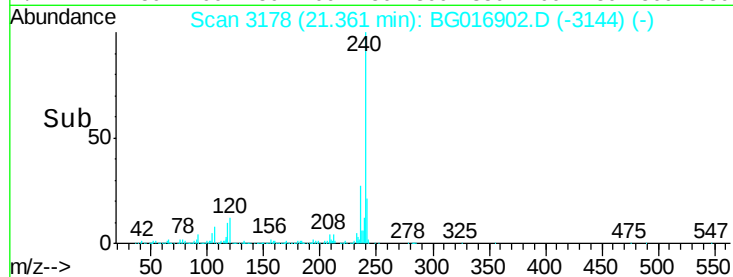
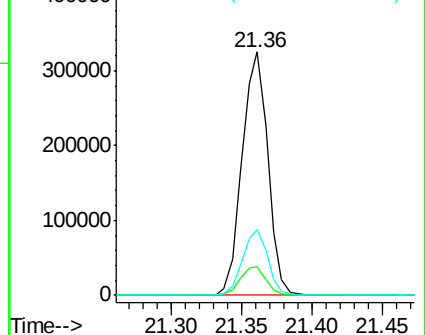
236 26.9 20.2 30.4



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: 56.55 ng

RT: 19.81 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG016902.D

Acq: 6 May 2015 16:44

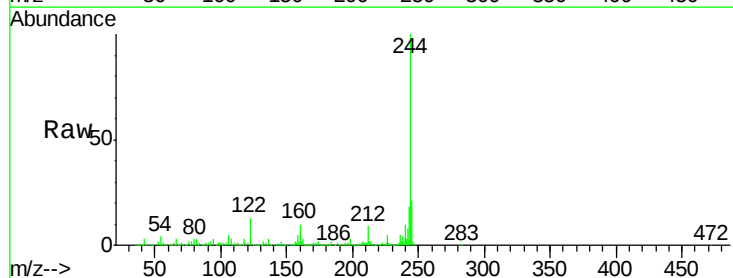
Tgt Ion:244 Resp: 997366

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

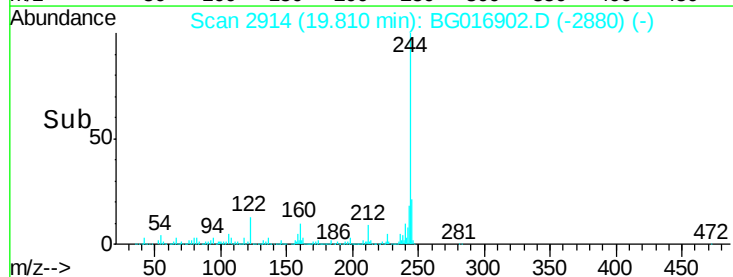
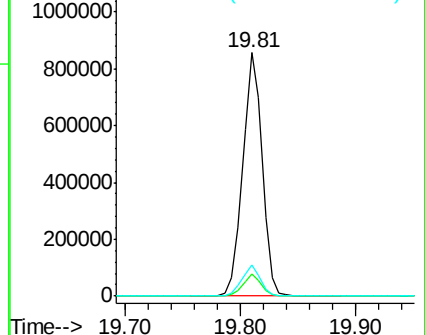
122 12.6 10.4 15.6

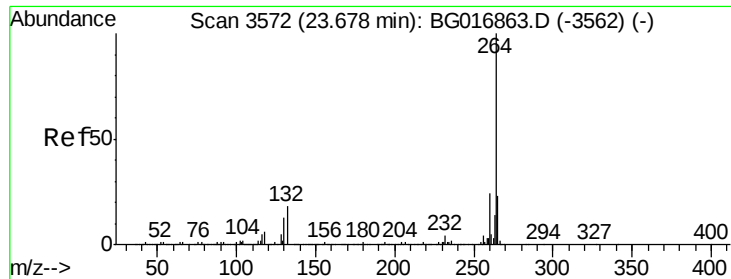


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3570
Delta R.T. -0.00 min
Lab File: BG016902.D
Acq: 6 May 2015 16:44

Instrument :
BNA_G
ClientSampleId :
11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	23.2	18.5	27.7

