

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
 Data File : BG022968.D
 Acq On : 9 Jul 2016 16:48
 Operator : UM/SJ
 Sample : PB91967BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91967BL

Quant Time: Jul 11 02:27:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

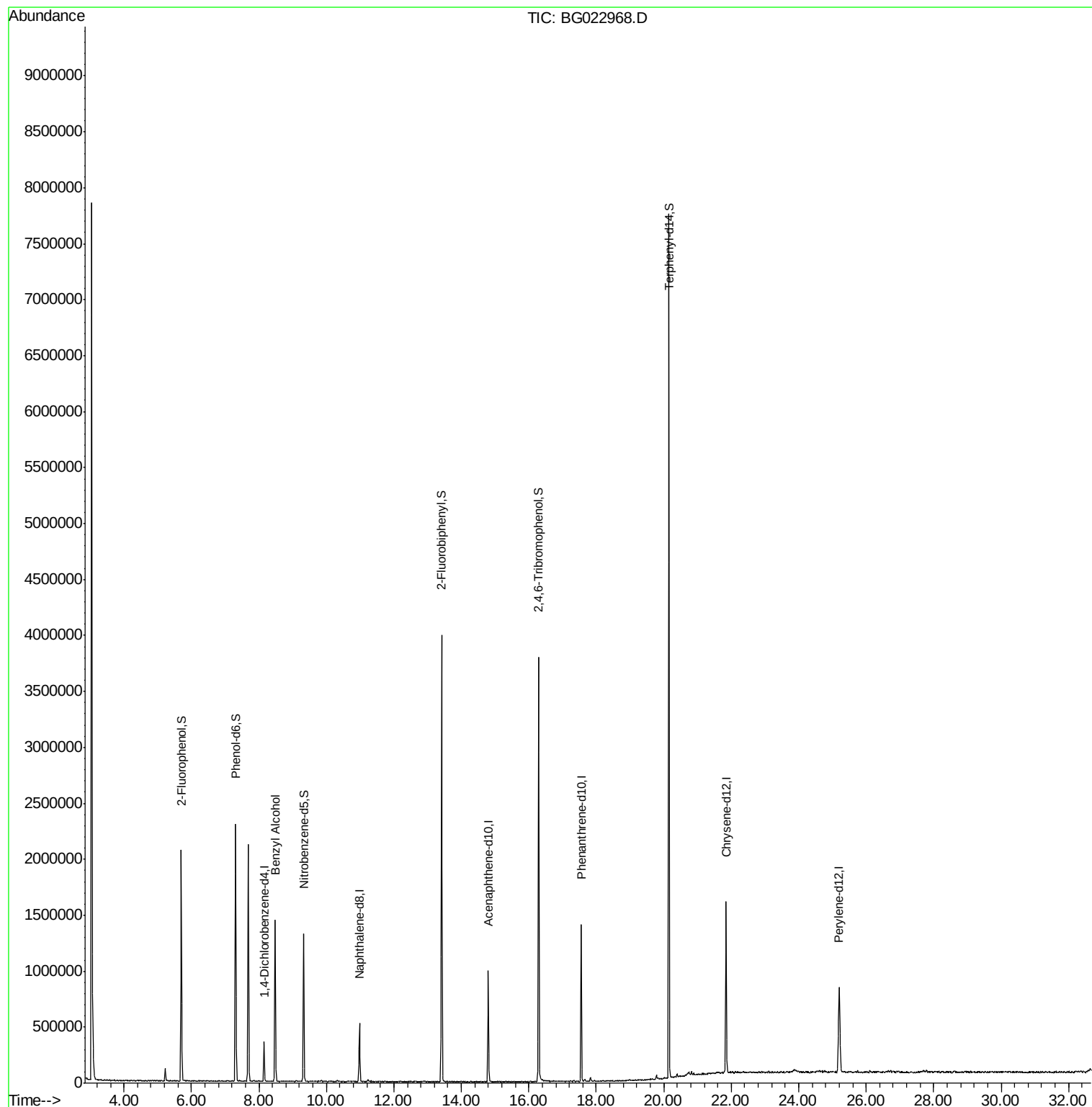
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	87901	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	413453	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	330728	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	874964	20.00	ng	0.00
75) Chrysene-d12	21.85	240	956899	20.00	ng	0.00
86) Perylene-d12	25.20	264	940776	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	815148	151.67	ng	0.00
7) Phenol-d6	7.31	99	1269292	150.79	ng	0.00
23) Nitrobenzene-d5	9.33	82	874708	90.59	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	739558	124.42	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1910733	91.00	ng	0.00
78) Terphenyl-d14	20.16	244	2932982	107.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.48	79	15790	2.05	ng	Qvalue # 56

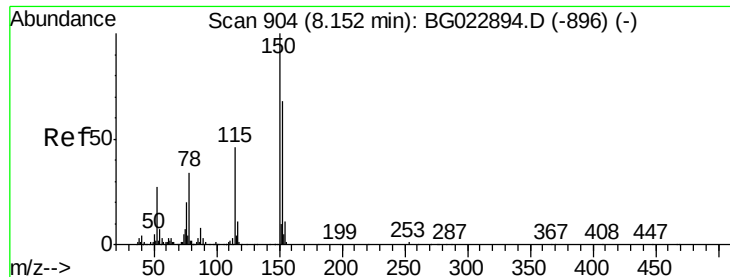
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022968.D

Acq: 9 Jul 2016 16:48

Instrument :

BNA_G

ClientSampleId :

PB91967BL

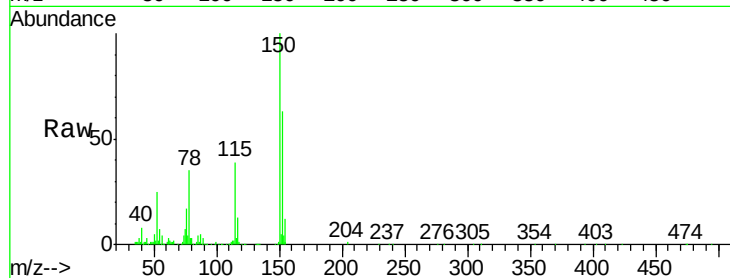
Tgt Ion:152 Resp: 87901

Ion Ratio Lower Upper

152 100

150 159.5 144.7 217.1

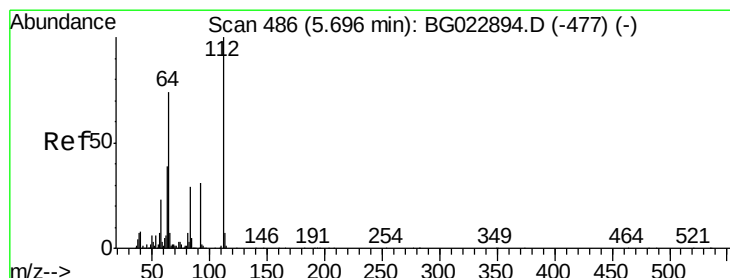
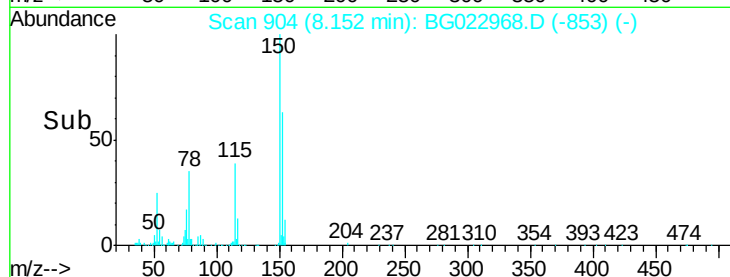
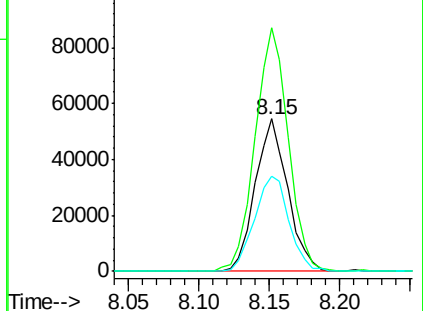
115 62.4 64.0 96.0#



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: 151.67 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG022968.D

Acq: 9 Jul 2016 16:48

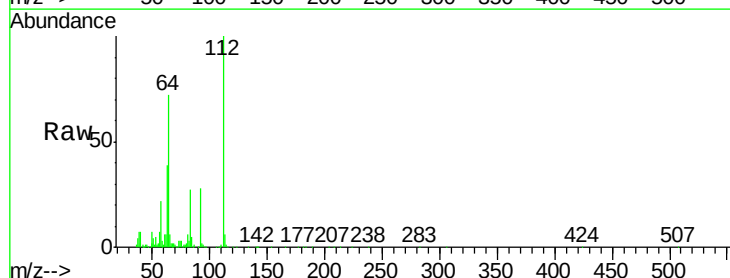
Tgt Ion:112 Resp: 815148

Ion Ratio Lower Upper

112 100

64 72.1 59.0 88.4

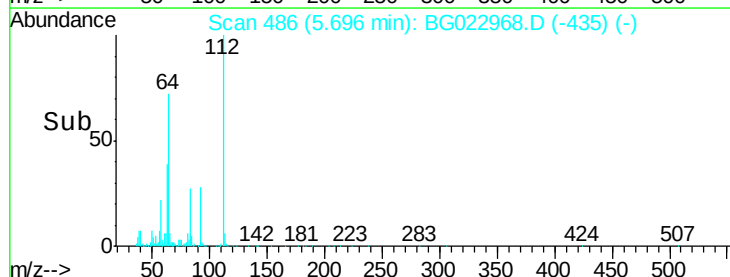
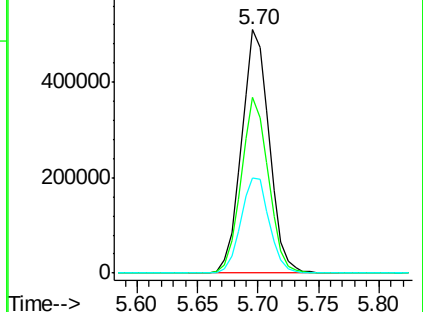
63 39.2 37.8 56.8

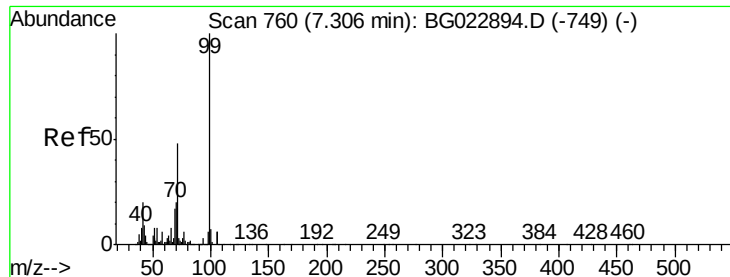


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 150.79 ng

RT: 7.31 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022968.D

Acq: 9 Jul 2016 16:48

Instrument :

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ClientSampleId :

PB91967BL

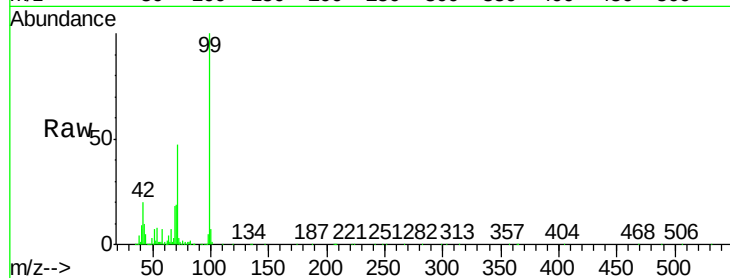
Tgt Ion: 99 Resp: 1269292

Ion Ratio Lower Upper

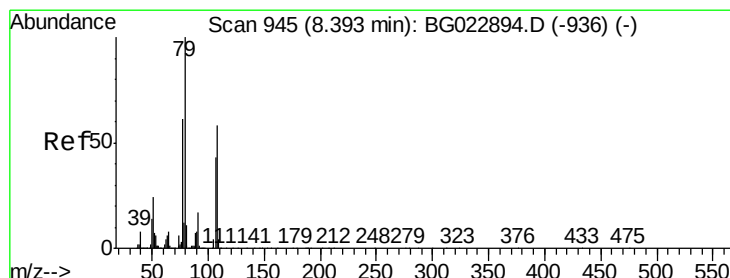
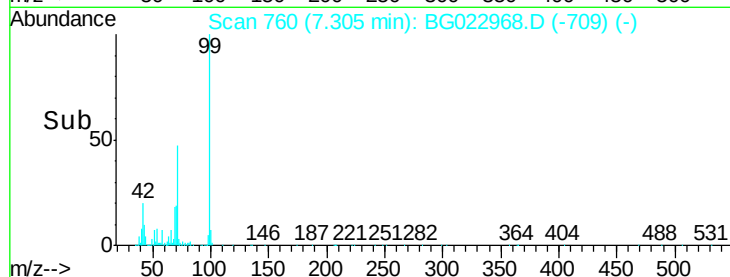
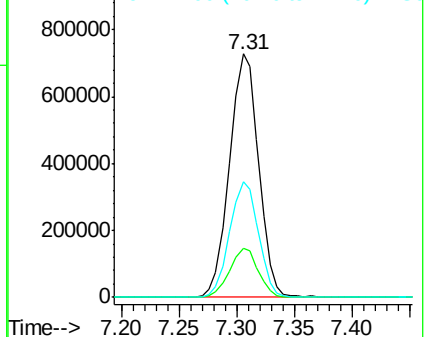
99 100

42 20.0 17.8 26.6

71 47.4 41.5 62.3



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: 2.05 ng

RT: 8.48 min Scan# 960

Delta R.T. 0.09 min

Lab File: BG022968.D

Acq: 9 Jul 2016 16:48

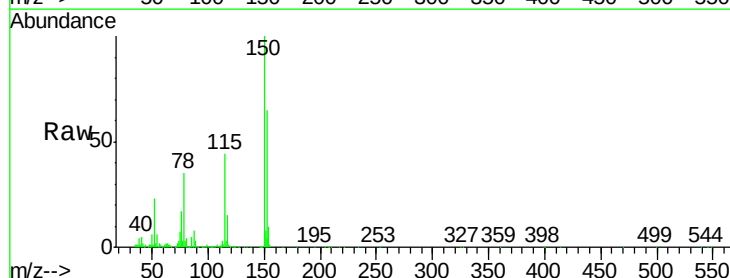
Tgt Ion: 79 Resp: 15790

Ion Ratio Lower Upper

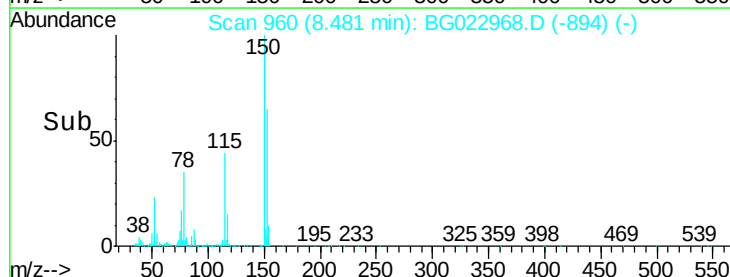
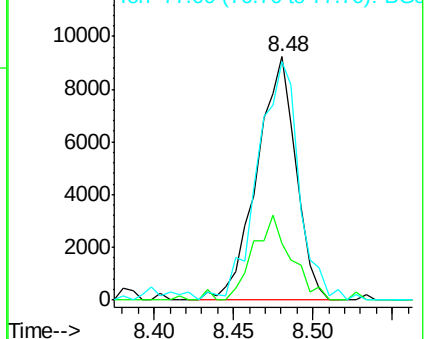
79 100

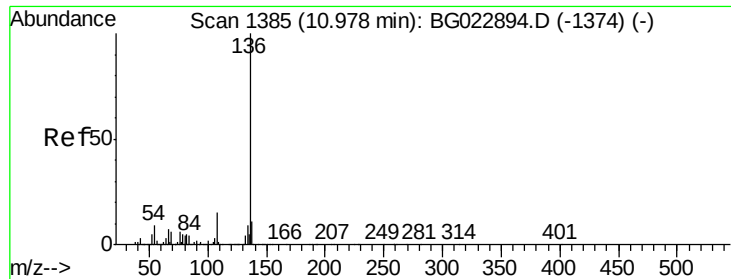
108 23.0 46.5 69.7#

77 98.2 52.3 78.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

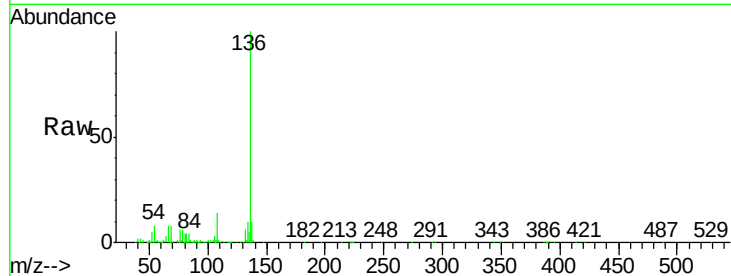




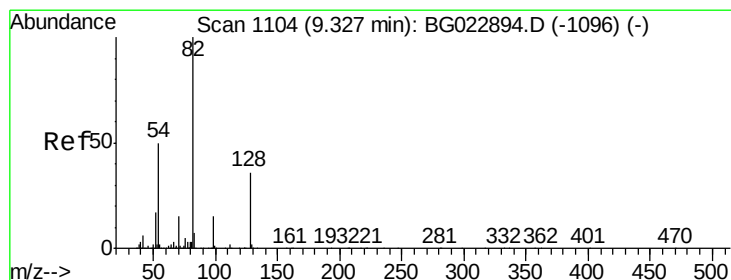
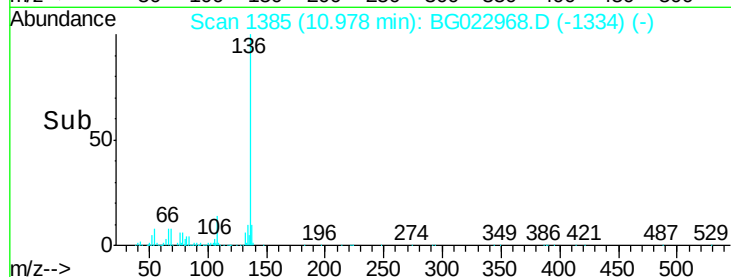
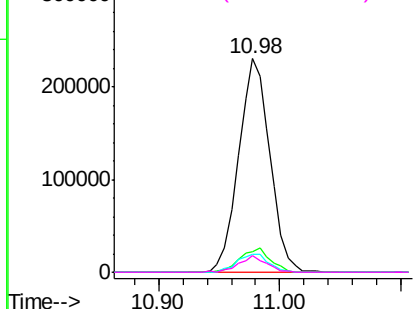
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG022968.D
Acq: 9 Jul 2016 16:48

Instrument :
BNA_G
ClientSampleId :
PB91967BL

Tgt Ion:	136	Resp:	413453
Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.6	14.4
54	8.3	7.3	10.9
68	7.5	5.3	7.9

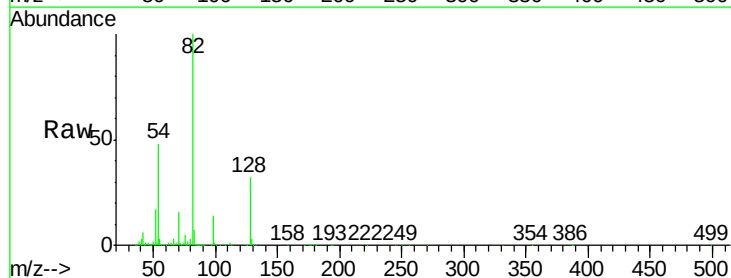


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

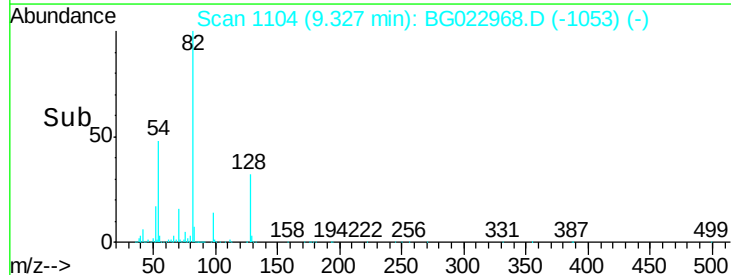
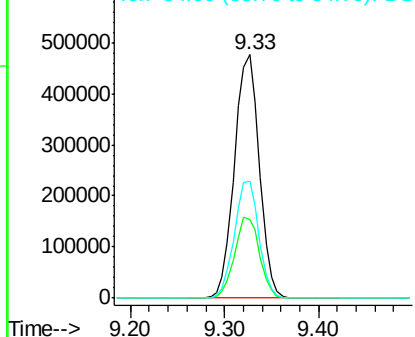


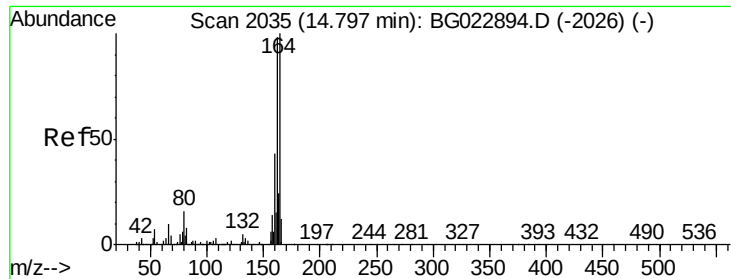
#23
Nitrobenzene-d5
Concen: 90.59 ng
RT: 9.33 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022968.D
Acq: 9 Jul 2016 16:48

Tgt Ion:	82	Resp:	874708
Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.4	36.6
54	48.1	41.4	62.0



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022968.D

Acq: 9 Jul 2016 16:48

Instrument :

BNA_G

ClientSampleId :

PB91967BL

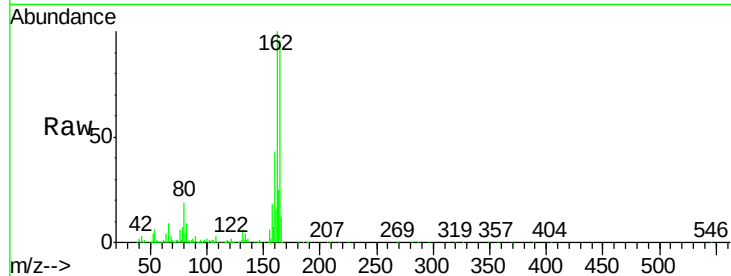
Tgt Ion:164 Resp: 330728

Ion Ratio Lower Upper

164 100

162 104.3 87.7 131.5

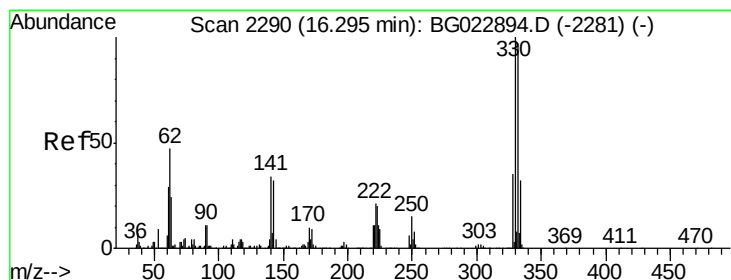
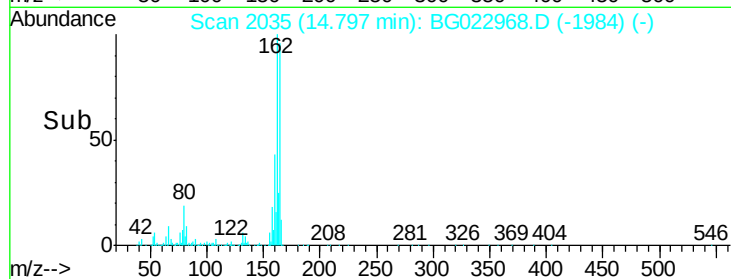
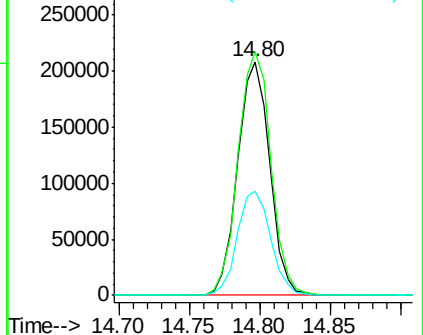
160 44.6 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 124.42 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022968.D

Acq: 9 Jul 2016 16:48

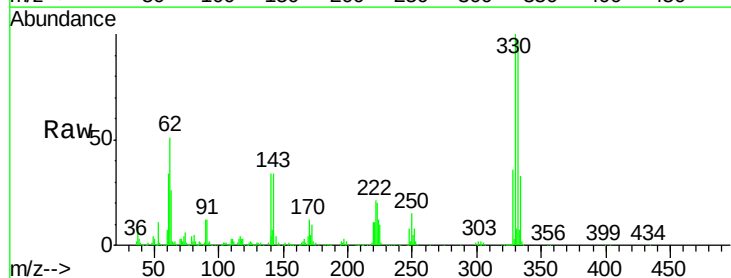
Tgt Ion:330 Resp: 739558

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

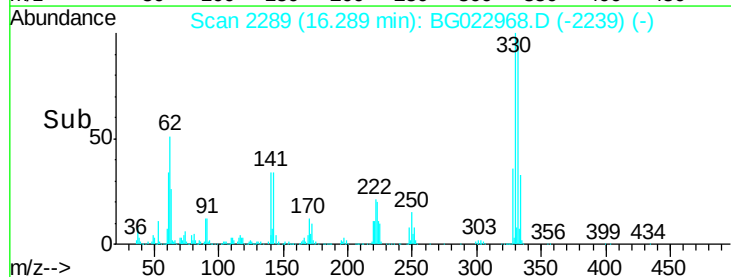
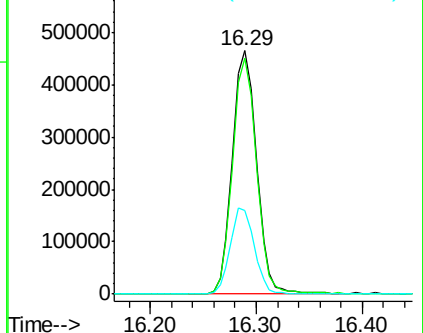
141 35.0 31.7 47.5

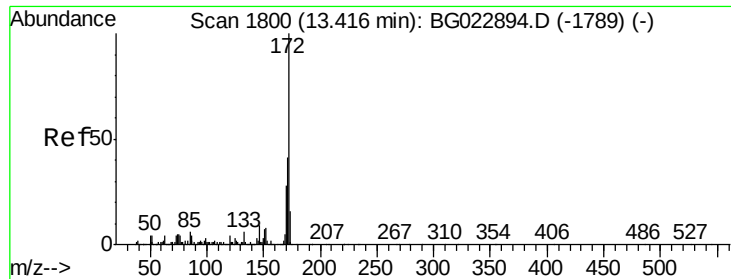


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

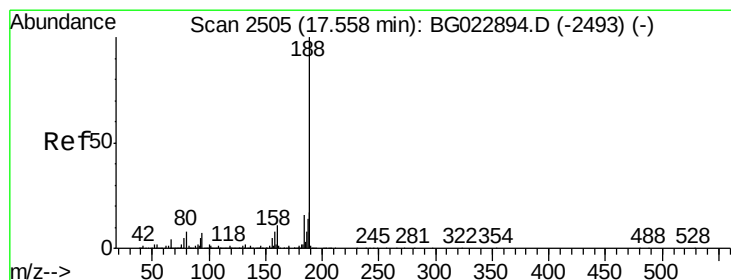
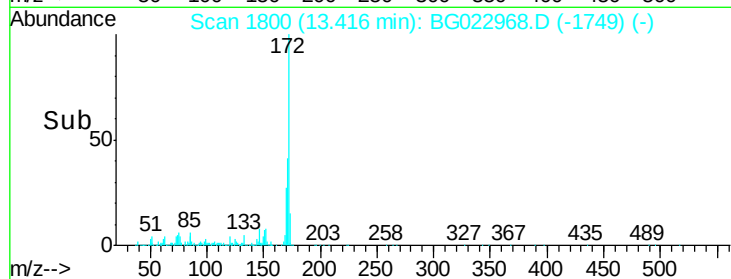
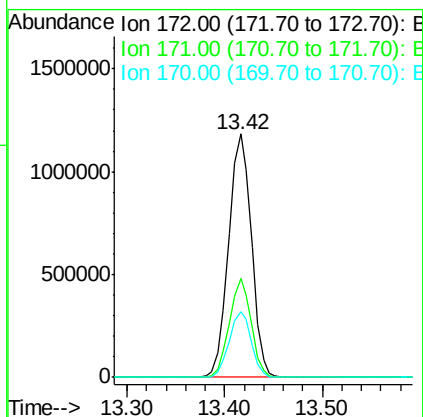
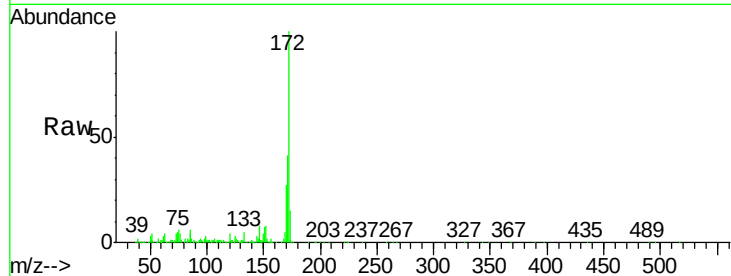




#44
2-Fluorobiphenyl
Concen: 91.00 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022968.D
Acq: 9 Jul 2016 16:48

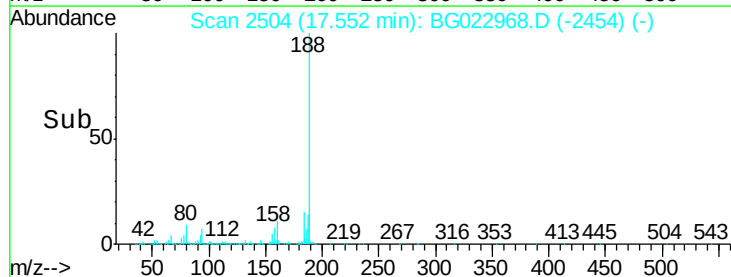
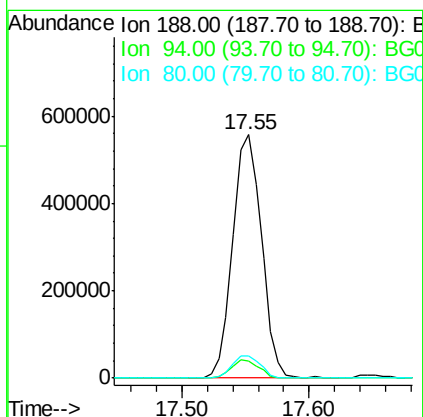
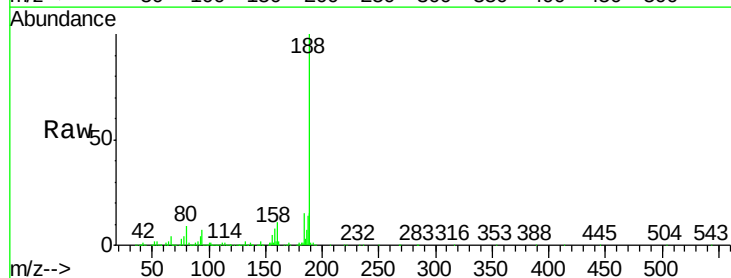
Instrument :
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PB91967BL

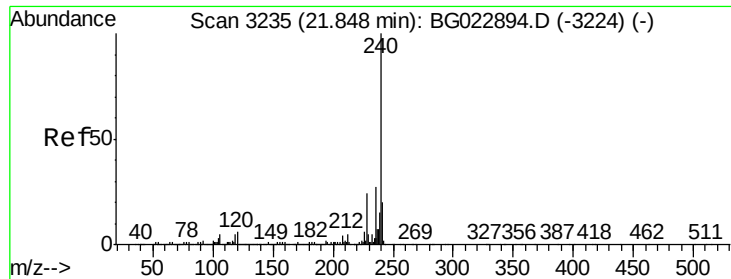
Tgt Ion:172 Resp: 1910733
Ion Ratio Lower Upper
172 100
171 40.6 31.6 47.4
170 27.1 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG022968.D
Acq: 9 Jul 2016 16:48

Tgt Ion:188 Resp: 874964
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 9.2 7.2 10.8

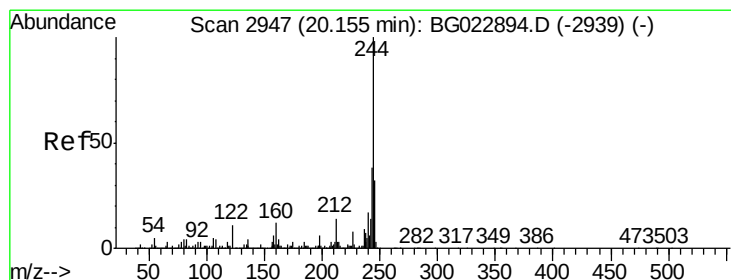
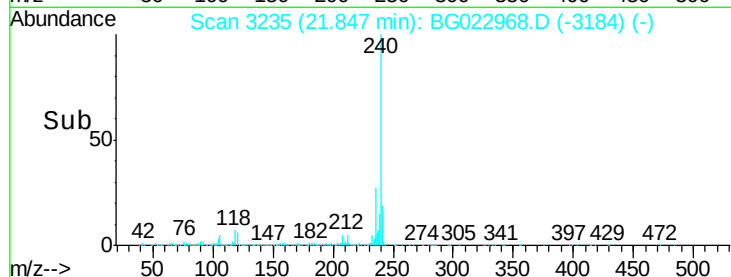
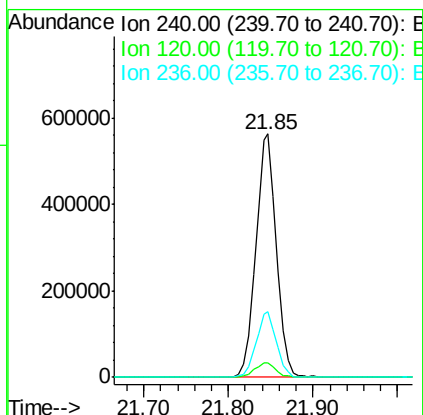
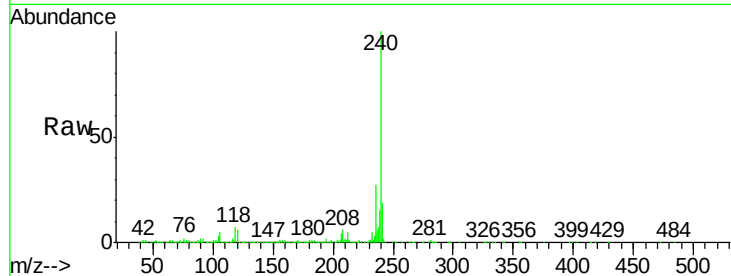




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: BG022968.D
 Acq: 9 Jul 2016 16:48

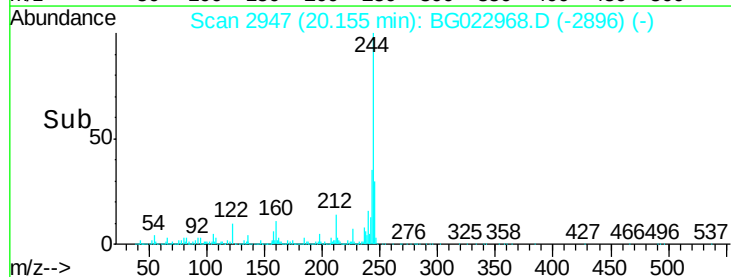
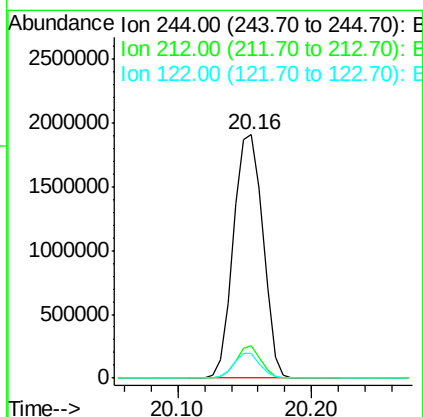
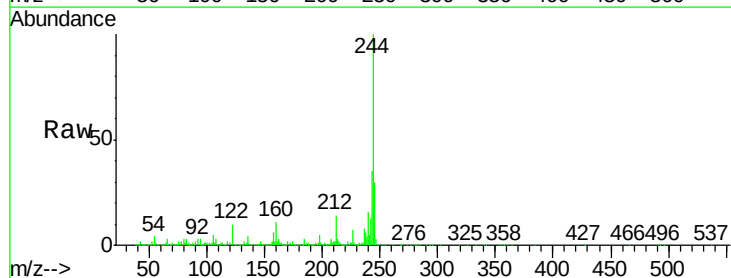
Instrument :
 BNA_G
 ClientSampleId :
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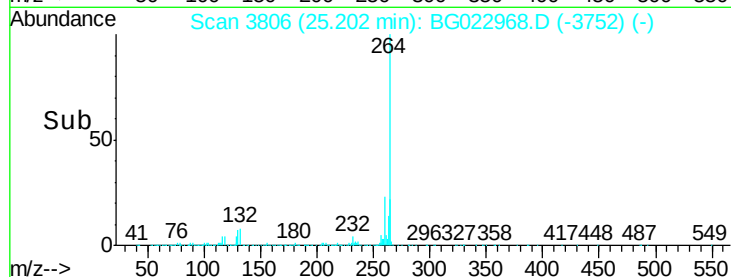
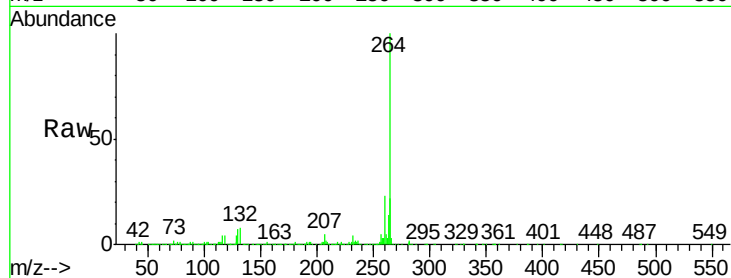
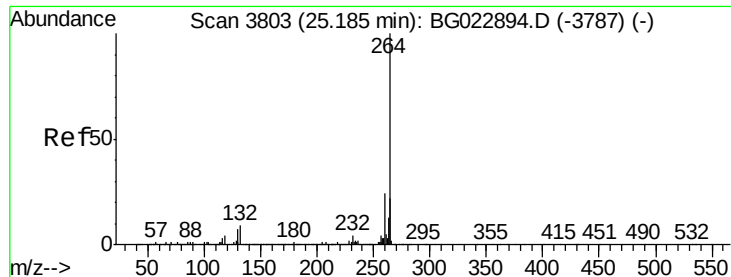
Tgt Ion:240 Resp: 956899
 Ion Ratio Lower Upper
 240 100
 120 5.9 4.1 6.1
 236 27.0 21.1 31.7



#78
 Terphenyl-d14
 Concen: 107.60 ng
 RT: 20.16 min Scan# 2947
 Delta R.T. 0.00 min
 Lab File: BG022968.D
 Acq: 9 Jul 2016 16:48

Tgt Ion:244 Resp: 2932982
 Ion Ratio Lower Upper
 244 100
 212 13.5 10.8 16.2
 122 10.2 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

Delta R.T. 0.02 min

Lab File: BG022968.D

Acq: 9 Jul 2016 16:48

Instrument :

BNA_G

ClientSampleId :

PB91967BL

Tgt Ion: 264 Resp: 940776

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.6 18.9 28.3

