

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 03:08:35 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

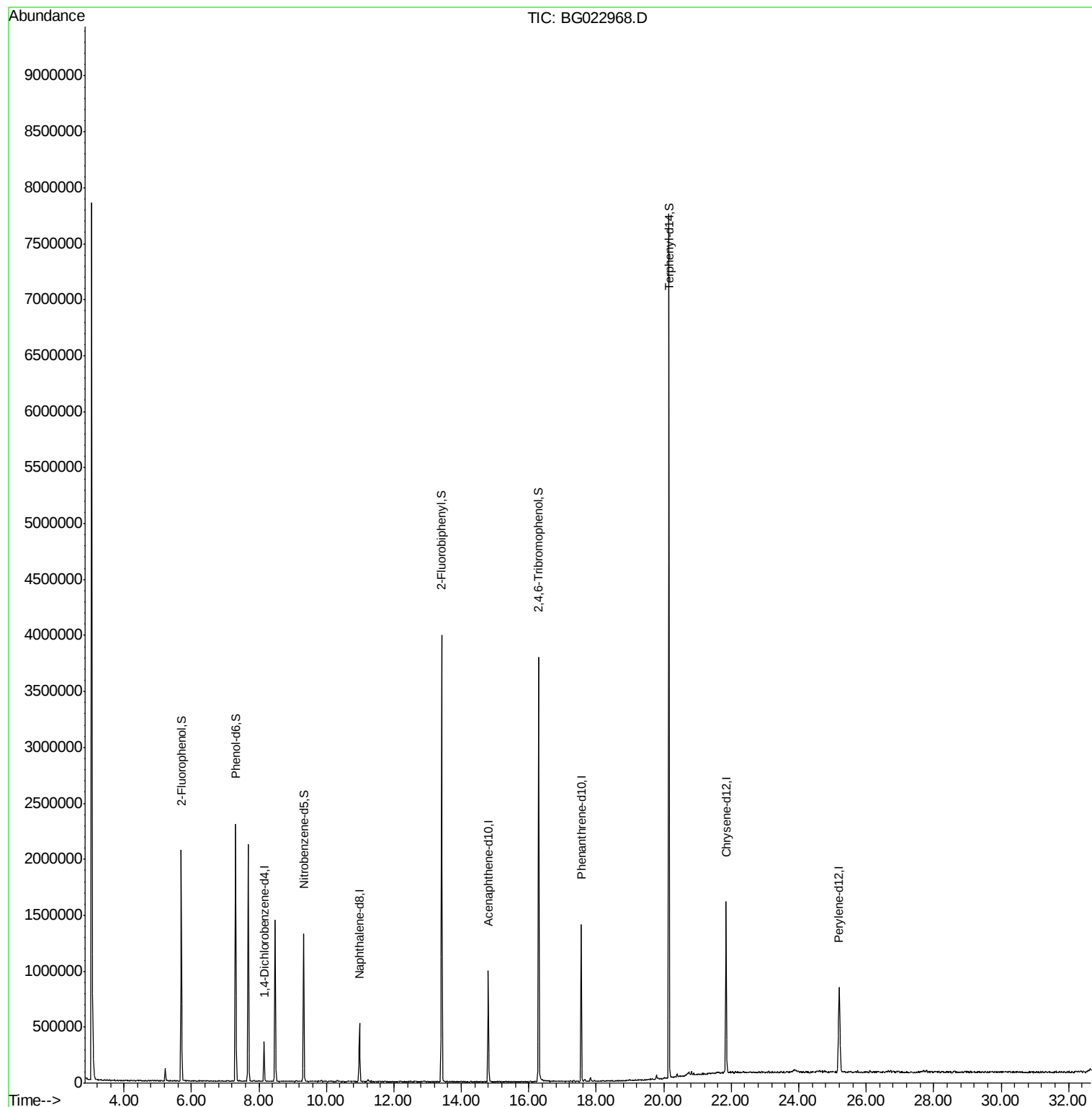
Target Compounds	Qvalue
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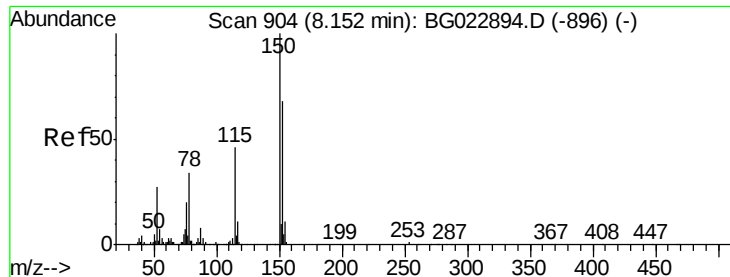
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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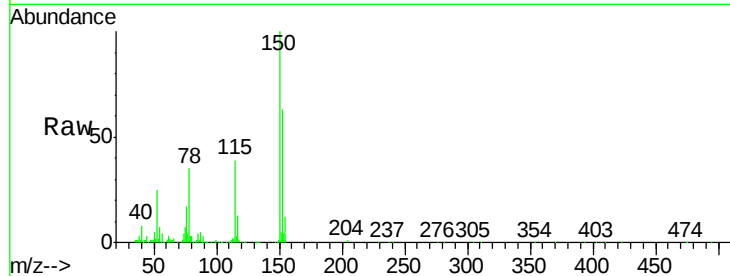


#1

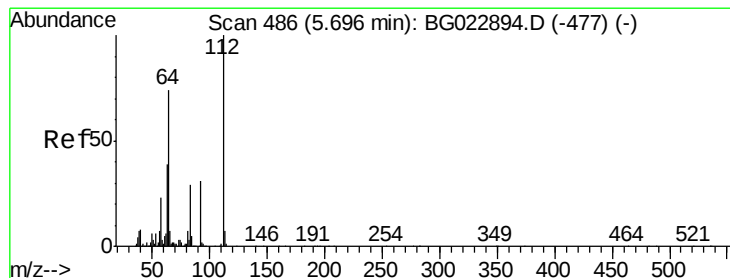
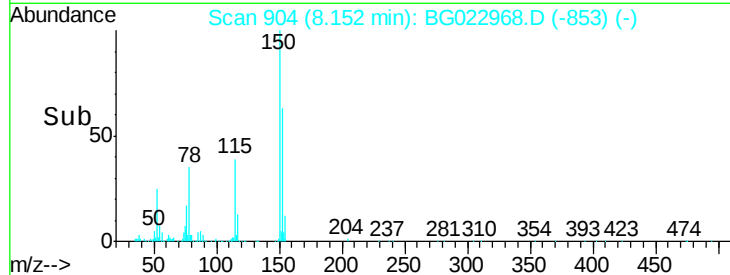
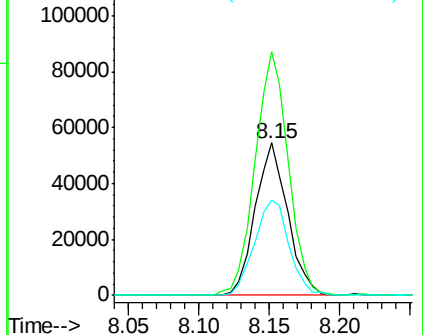
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022968.D
Acq: 9 Jul 2016 16:48

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#



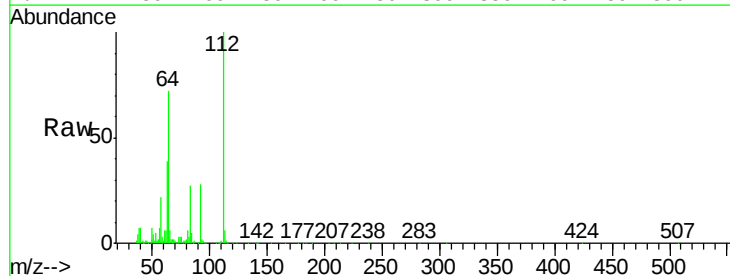
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



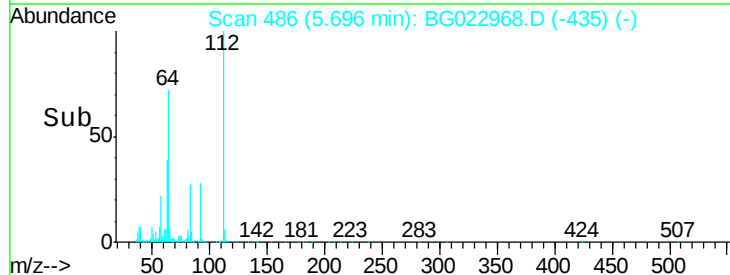
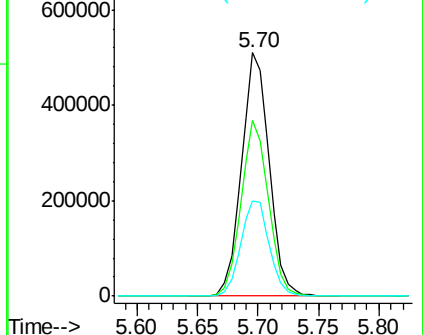
#5

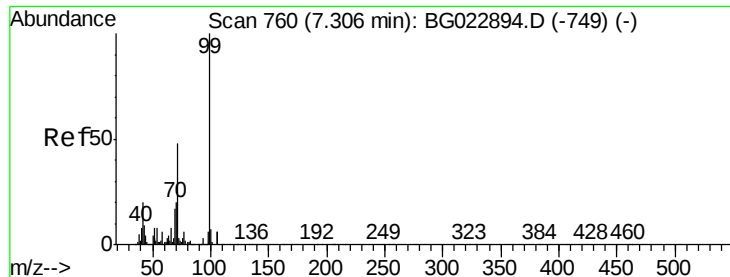
2-Fluorophenol
Concen: 151.67 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG022968.D
Acq: 9 Jul 2016 16:48

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 :

BNA_G

ClientSampleId :

PB91967BL

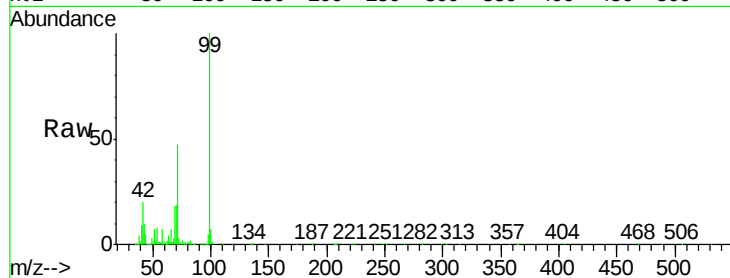
Tgt Ion: 99 Resp: 1269292

Ion Ratio Lower Upper

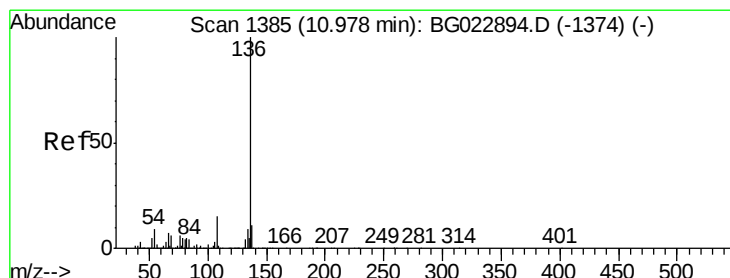
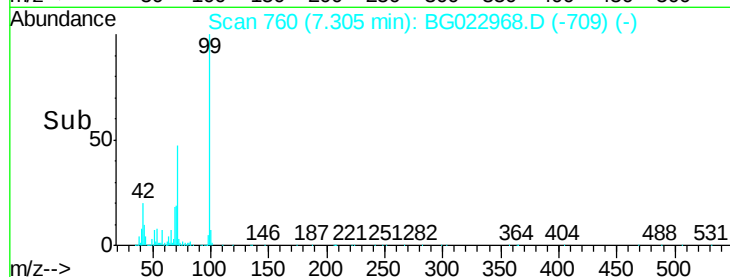
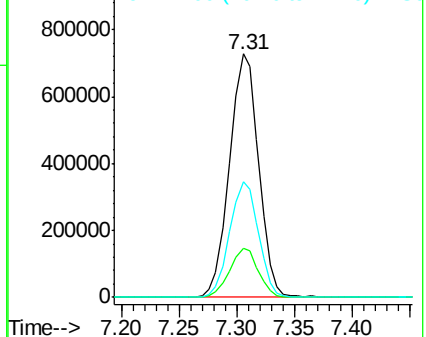
99 100

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



#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

Tgt Ion: 136 Resp: 413453

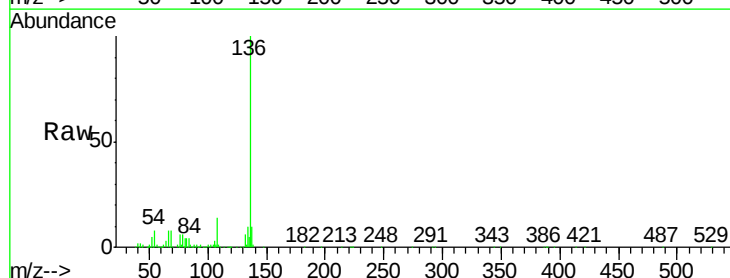
Ion Ratio Lower Upper

136 100

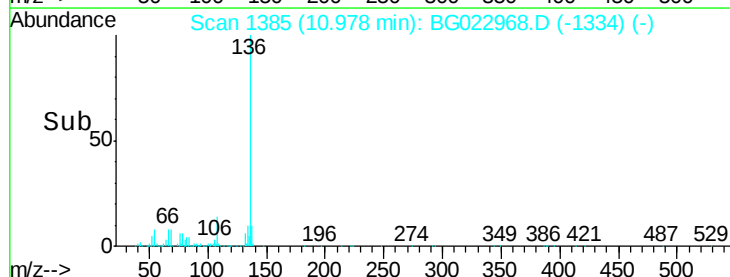
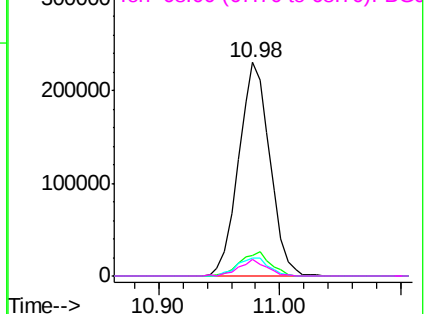
137 9.9 9.6 14.4

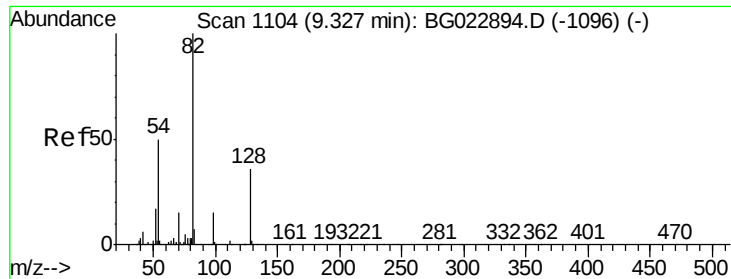
54 8.3 7.3 10.9

68 7.5 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): 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

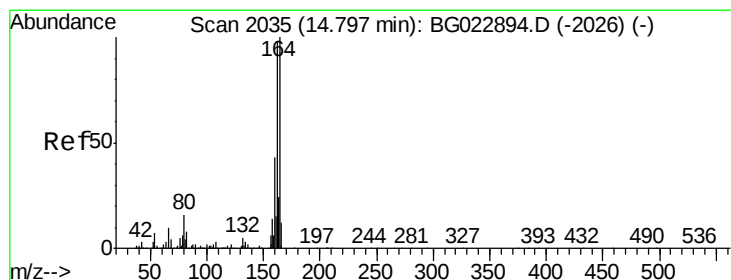
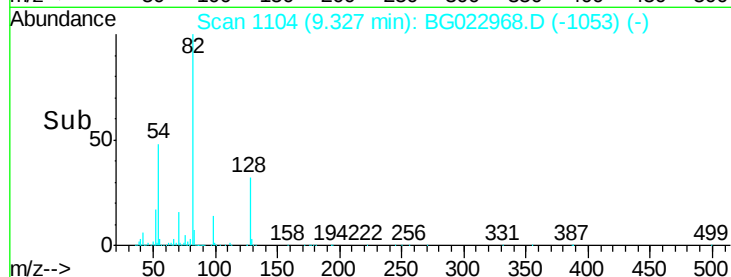
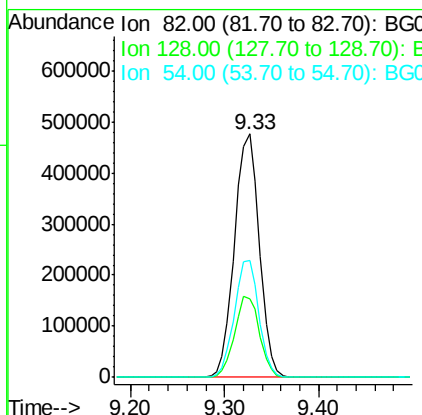
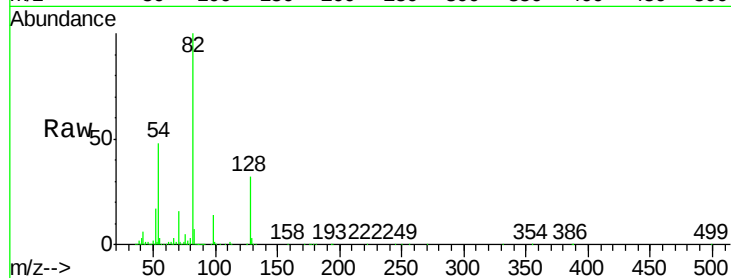




#23
 Nitrobenzene-d5
 Concen: 90.59 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG022968.D
 Acq: 9 Jul 2016 16:48

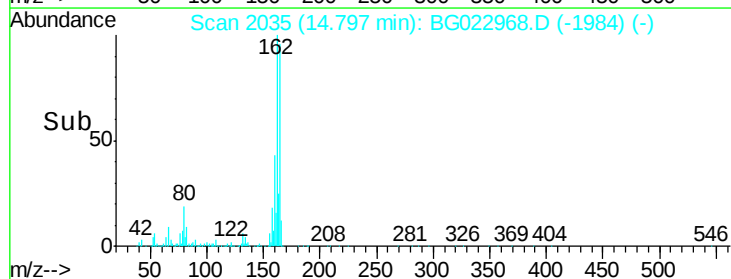
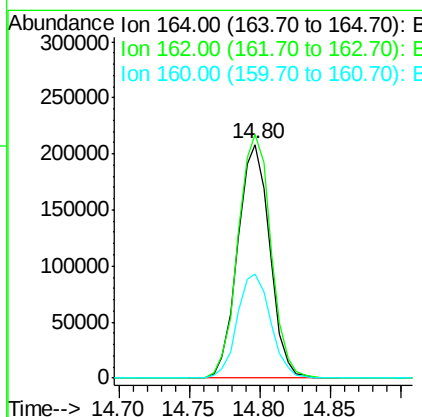
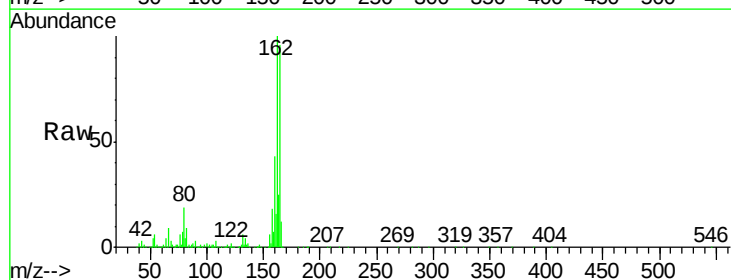
Instrument :
 BNA_G
 ClientSampleId :
 PB91967BL

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



#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

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

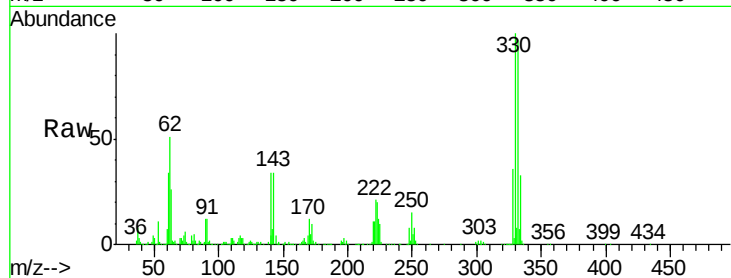




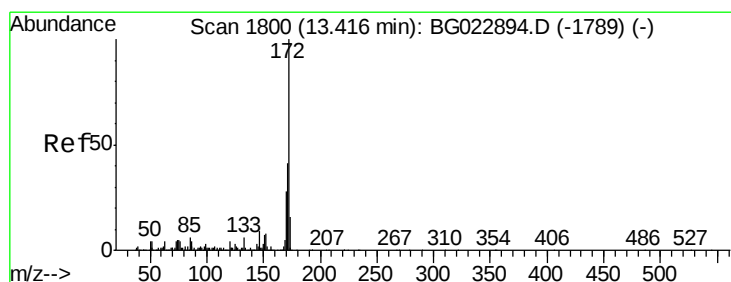
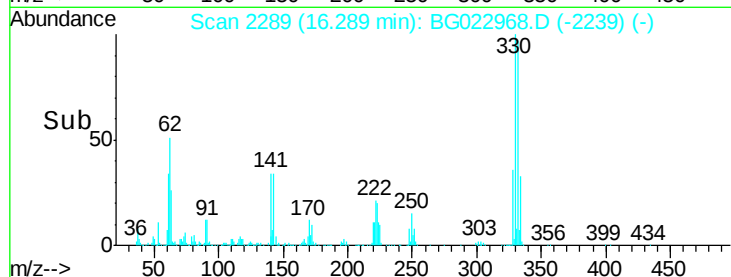
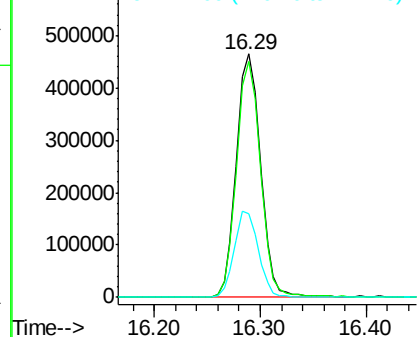
#41
 2,4,6-Tribromophenol
 Concen: 124.42 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG022968.D
 Acq: 9 Jul 2016 16:48

Instrument :
 BNA_G
 ClientSampleId :
 PB91967BL

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

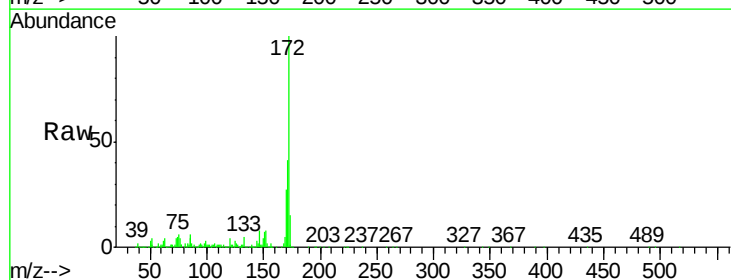


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

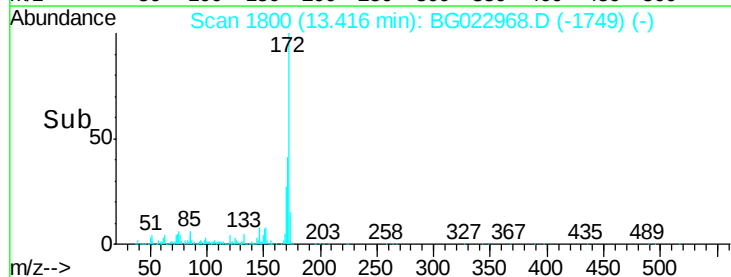
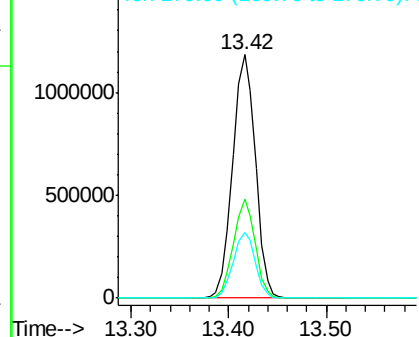


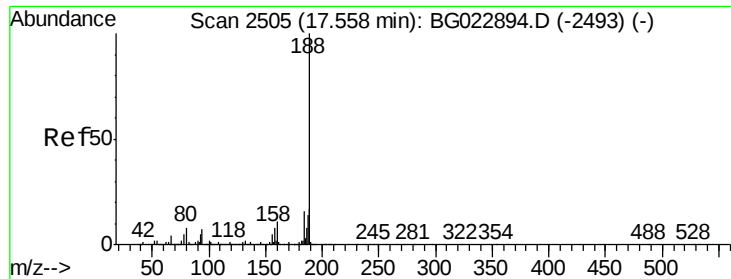
#44
 2-Fluorobiphenyl
 Concen: 91.00 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG022968.D
 Acq: 9 Jul 2016 16:48

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



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022968.D

Acq: 9 Jul 2016 16:48

Instrument :

BNA_G

ClientSampleId :

PB91967BL

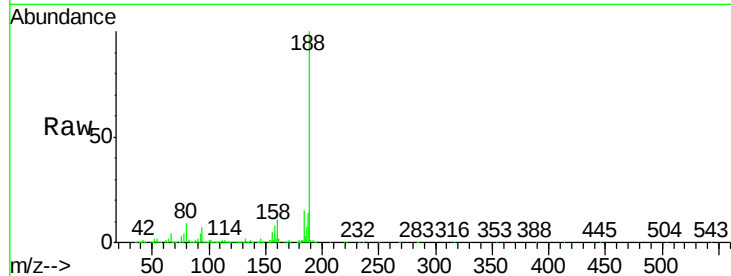
Tgt Ion:188 Resp: 874964

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

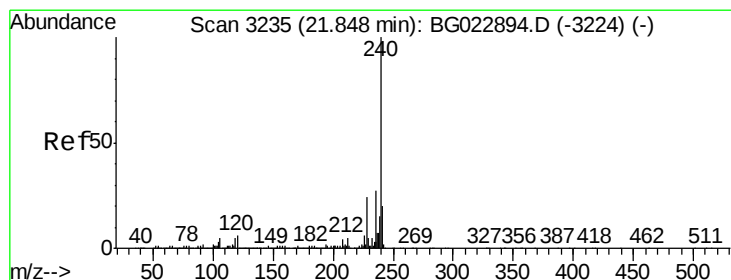
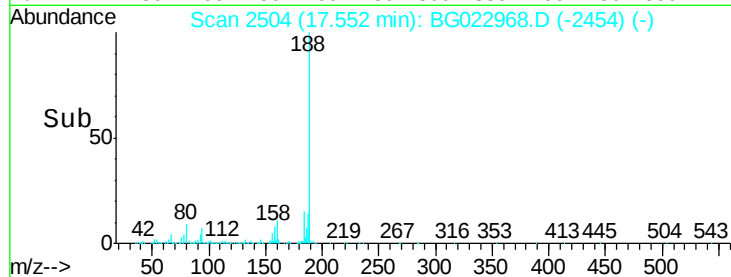
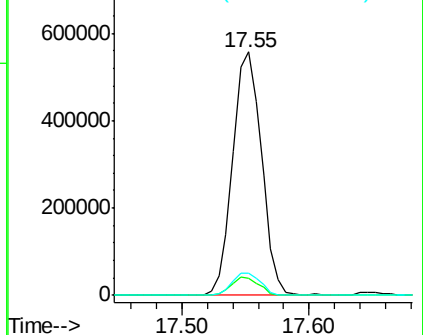
80 9.2 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#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

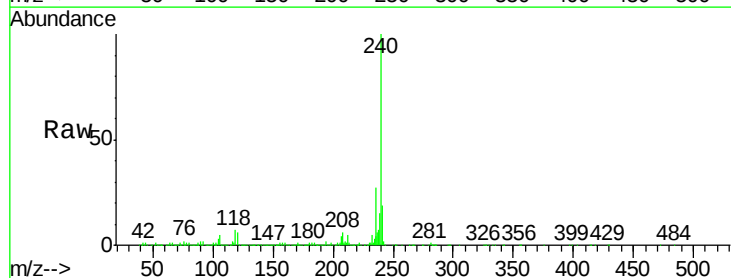
Tgt Ion:240 Resp: 956899

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

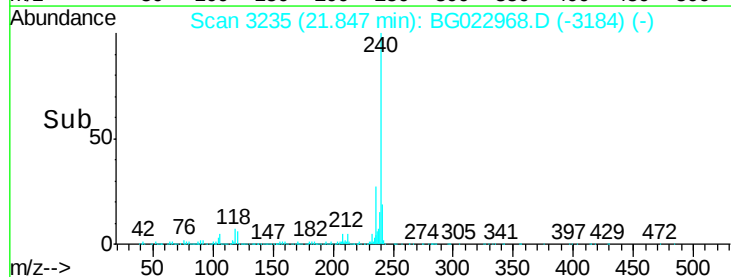
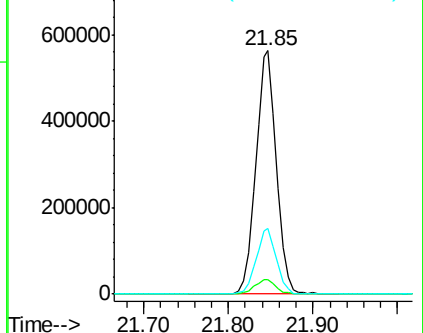
236 27.0 21.1 31.7

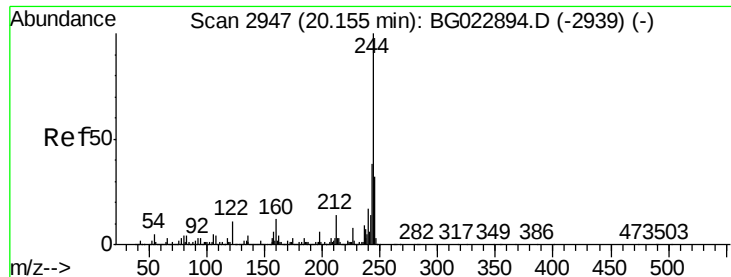


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 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

Instrument :

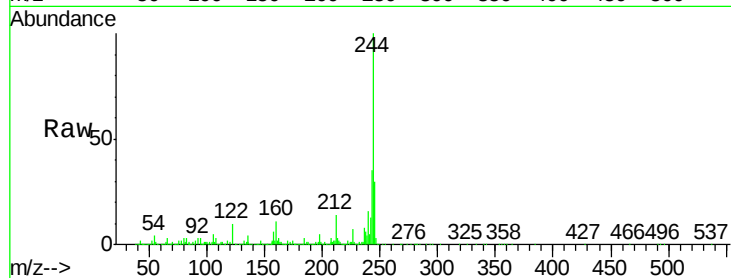
BNA_G

ClientSampleId :

PB91967BL

Tgt Ion:244 Resp: 2932982

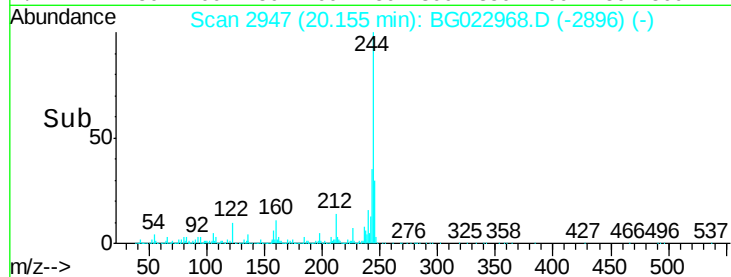
Ion	Ratio	Lower	Upper
244	100		
212	13.5	10.8	16.2
122	10.2	8.0	12.0



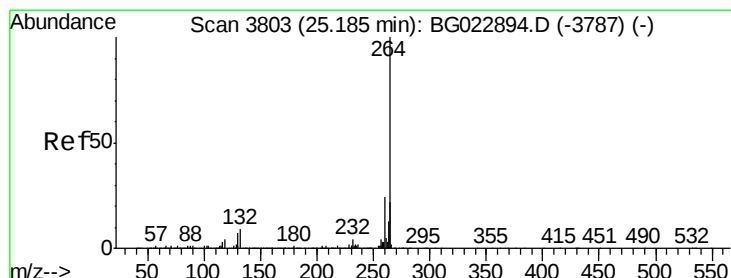
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.20 min Scan# 3806

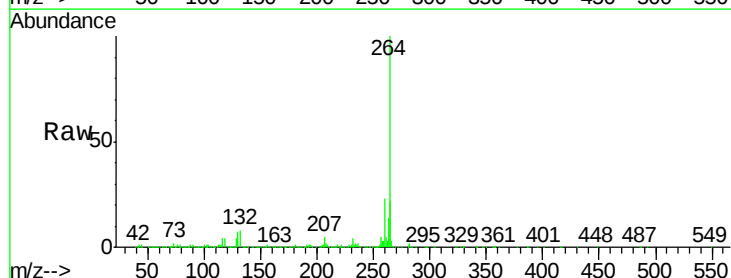
Delta R.T. 0.02 min

Lab File: BG022968.D

Acq: 9 Jul 2016 16:48

Tgt Ion:264 Resp: 940776

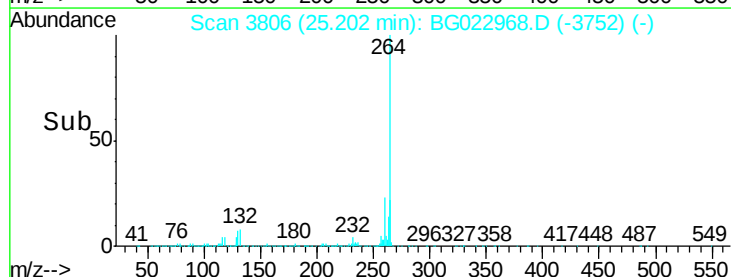
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	21.6	18.9	28.3



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



Time-->