

Data Path : Z:\HPCHEM1\BNA_G\Data\BG041816\
 Data File : BG021732.D
 Acq On : 18 Apr 2016 9:48
 Operator : UM/SJ
 Sample : H2420-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R06-FIELDBLANK-4-8-

Quant Time: Apr 18 11:55:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

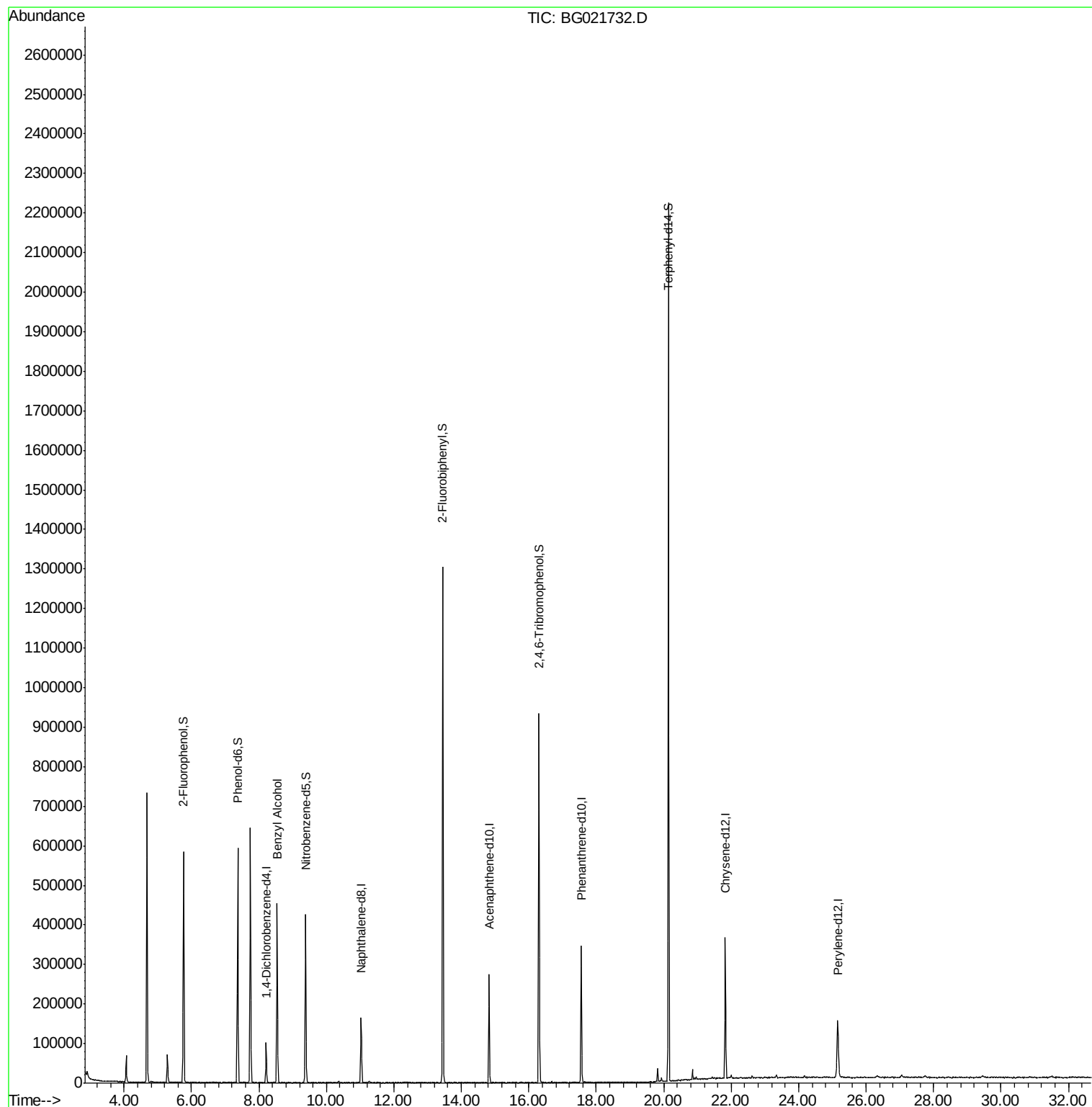
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	28140	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	142643	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	93199	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	211594	20.00	ng	0.00
75) Chrysene-d12	21.83	240	223099	20.00	ng	0.00
86) Perylene-d12	25.16	264	149924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	255639	151.28	ng	0.00
7) Phenol-d6	7.37	99	352006	139.46	ng	0.01
23) Nitrobenzene-d5	9.38	82	266698	96.10	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	179587	178.79	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	689257	108.36	ng	0.00
78) Terphenyl-d14	20.14	244	948358	106.07	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.54	79	3917	2.03	ng	Qvalue # 46

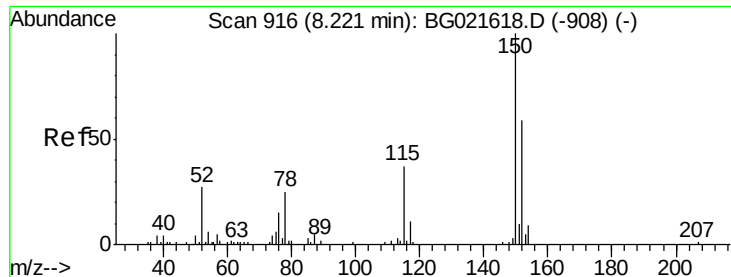
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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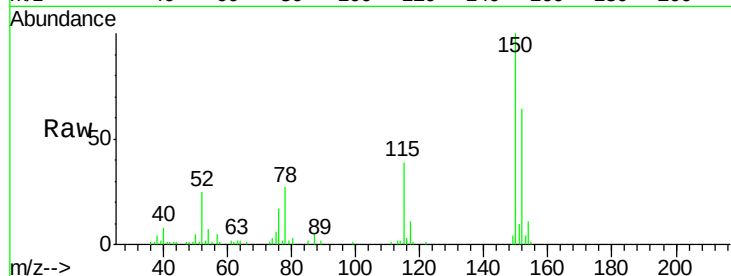


#1

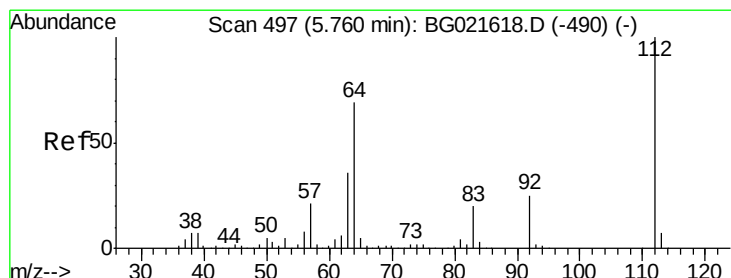
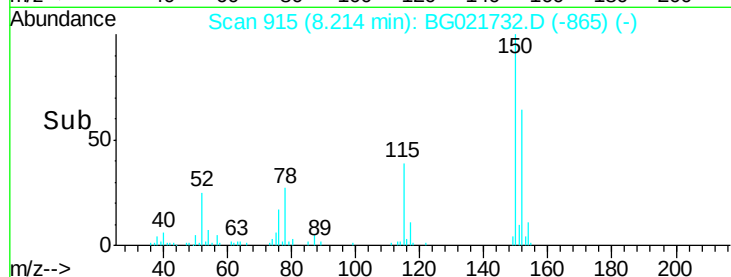
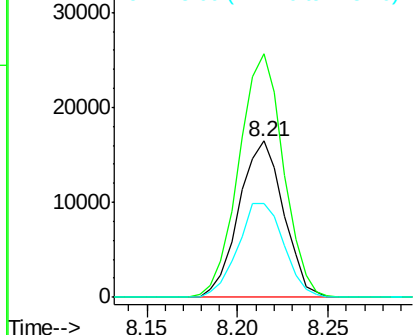
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021732.D
Acq: 18 Apr 2016 9:48

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-FIELDBLANK-4-8-

Tgt Ion:152 Resp: 28140
Ion Ratio Lower Upper
152 100
150 155.8 130.1 195.1
115 60.4 62.2 93.2#



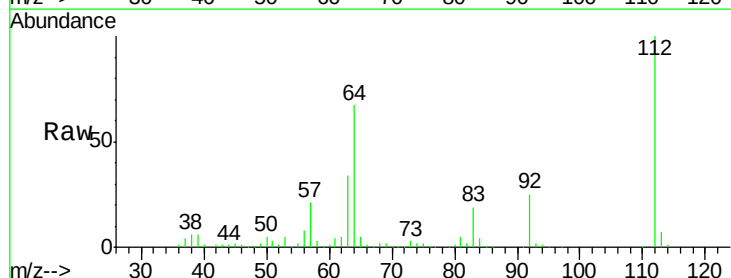
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



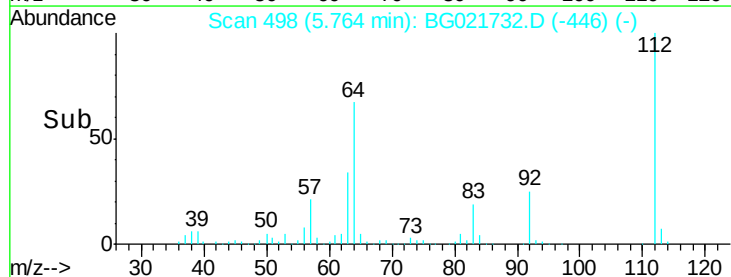
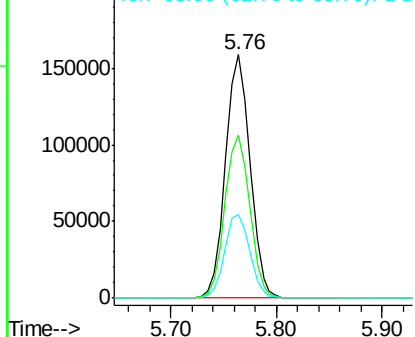
#5

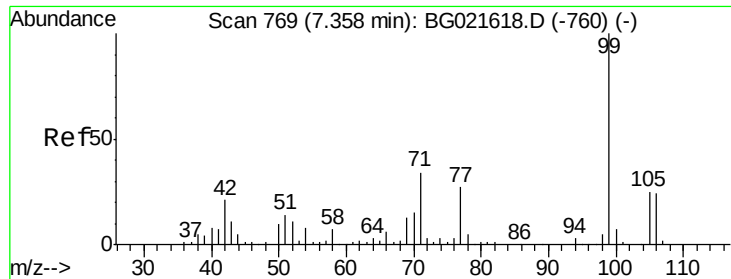
2-Fluorophenol
Concen: 151.28 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021732.D
Acq: 18 Apr 2016 9:48

Tgt Ion:112 Resp: 255639
Ion Ratio Lower Upper
112 100
64 67.1 51.1 76.7
63 34.3 24.6 37.0



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: 139.46 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021732.D

Acq: 18 Apr 2016 9:48

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-FIELDBLANK-4-8-

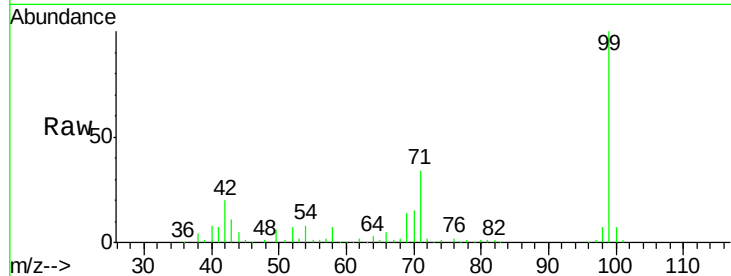
Tgt Ion: 99 Resp: 352006

Ion Ratio Lower Upper

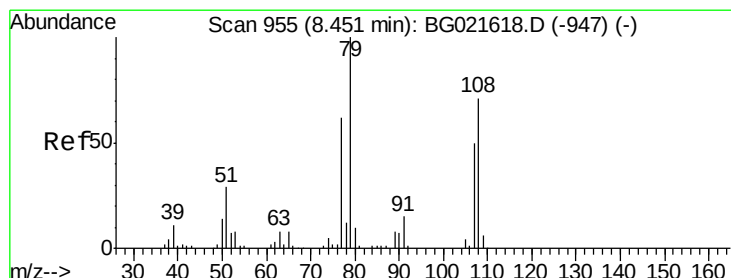
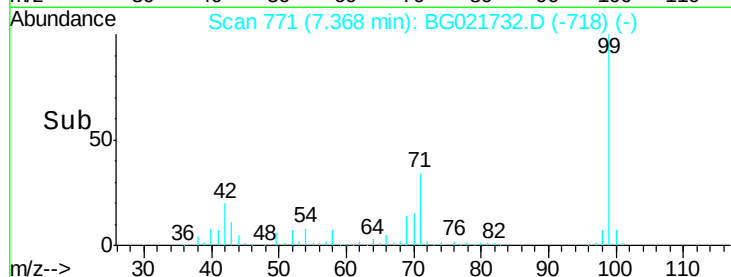
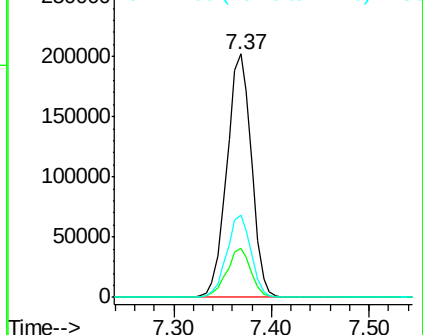
99 100

42 20.1 16.4 24.6

71 33.9 25.0 37.4



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: 2.03 ng

RT: 8.54 min Scan# 971

Delta R.T. 0.09 min

Lab File: BG021732.D

Acq: 18 Apr 2016 9:48

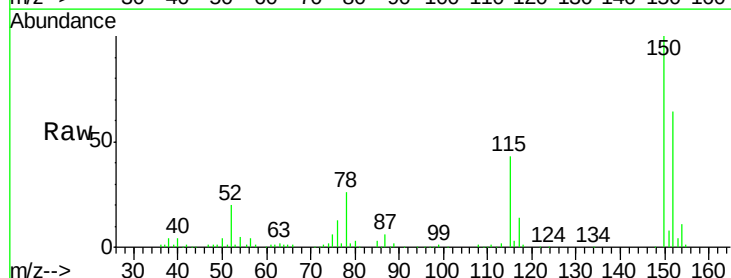
Tgt Ion: 79 Resp: 3917

Ion Ratio Lower Upper

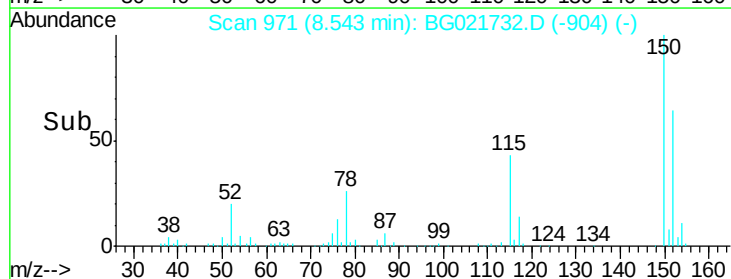
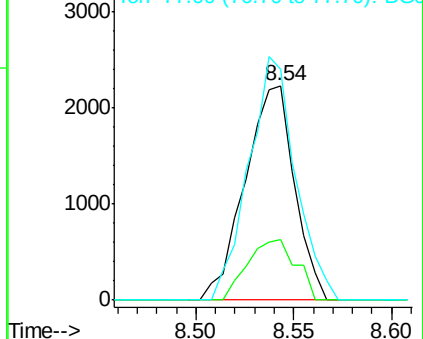
79 100

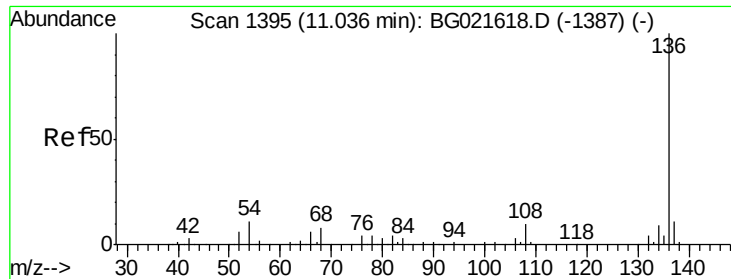
108 28.4 59.4 89.0#

77 107.6 52.2 78.2#



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

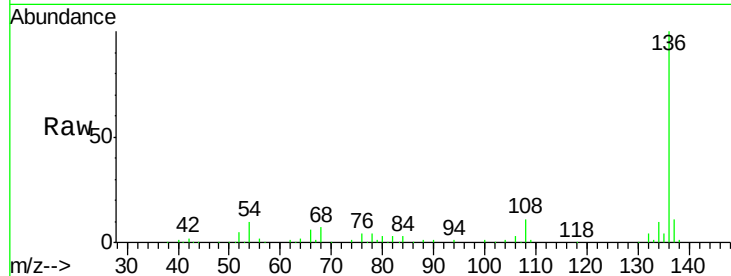




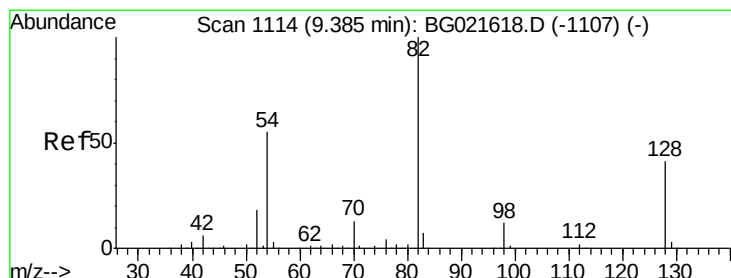
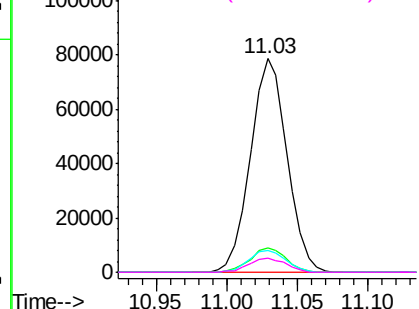
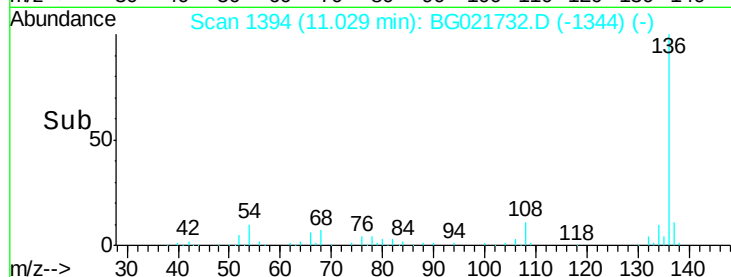
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021732.D
Acq: 18 Apr 2016 9:48

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-FIELDBLANK-4-8-

Tgt Ion:	136	Resp:	142643
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	10.3	9.6	14.4
68	6.7	6.4	9.6

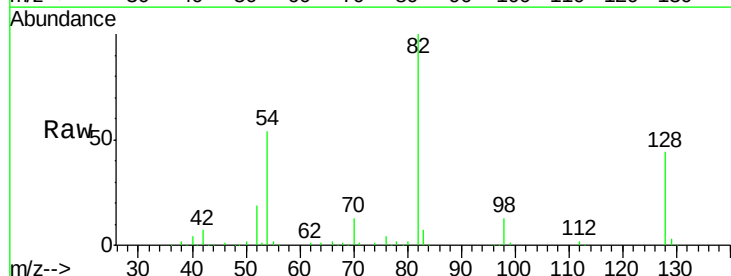


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

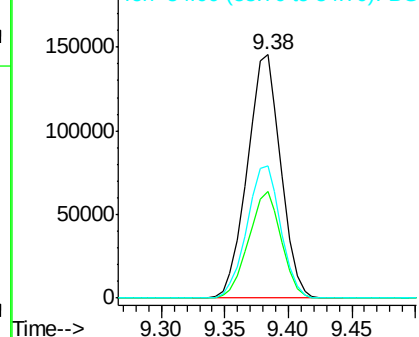
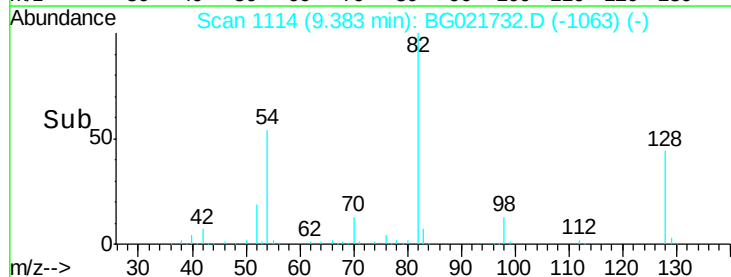


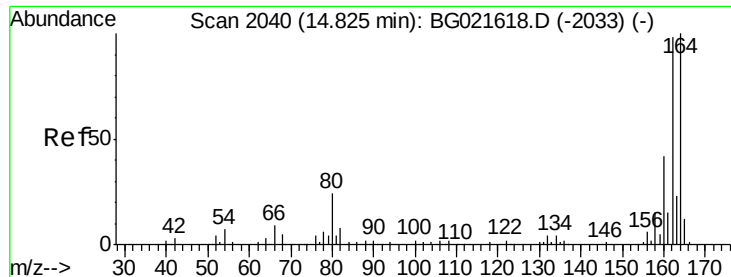
#23
Nitrobenzene-d5
Concen: 96.10 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021732.D
Acq: 18 Apr 2016 9:48

Tgt Ion:	82	Resp:	266698
Ion Ratio	Lower	Upper	
82	100		
128	43.9	33.4	50.0
54	54.2	46.1	69.1



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: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG021732.D

Acq: 18 Apr 2016 9:48

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-FIELDBLANK-4-8-

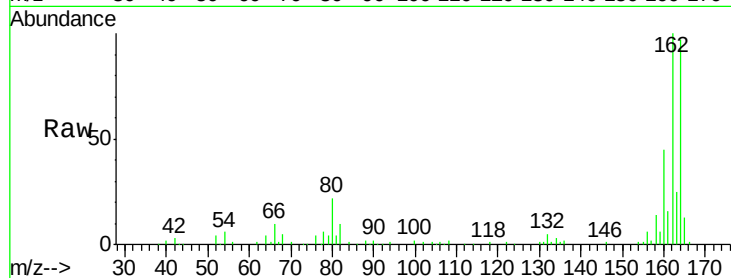
Tgt Ion:164 Resp: 93199

Ion Ratio Lower Upper

164 100

162 103.0 78.0 117.0

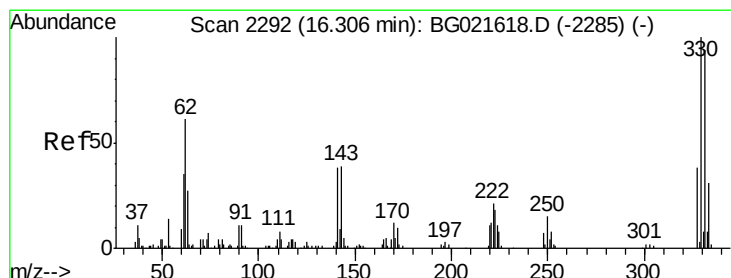
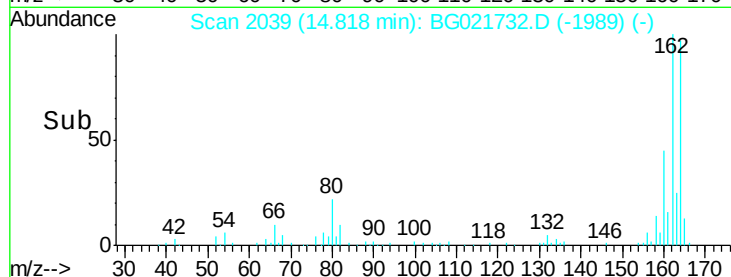
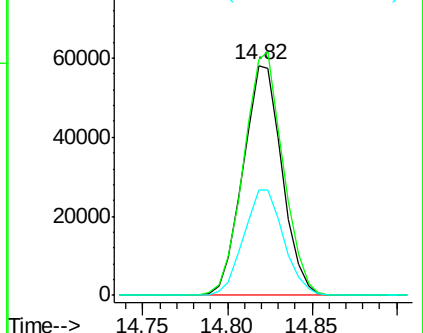
160 46.1 32.9 49.3



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: 178.79 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021732.D

Acq: 18 Apr 2016 9:48

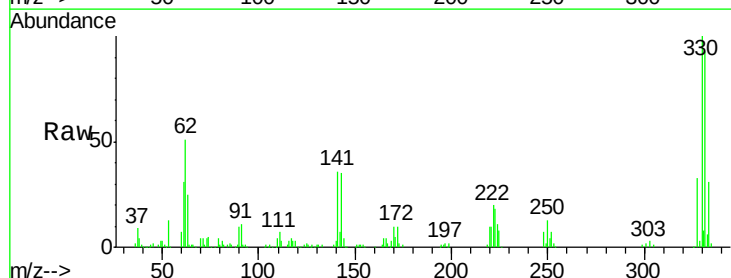
Tgt Ion:330 Resp: 179587

Ion Ratio Lower Upper

330 100

332 95.0 78.0 117.0

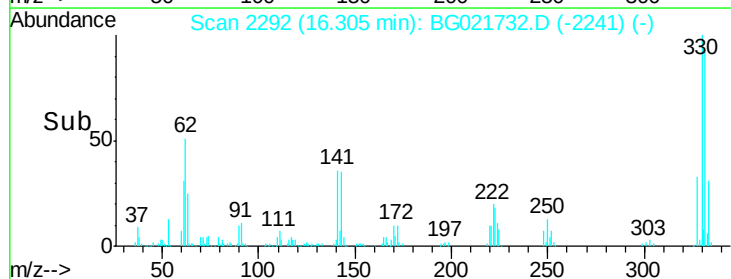
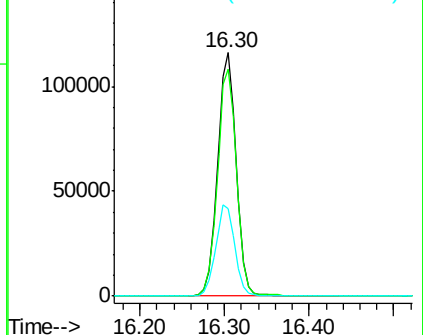
141 38.6 33.8 50.8

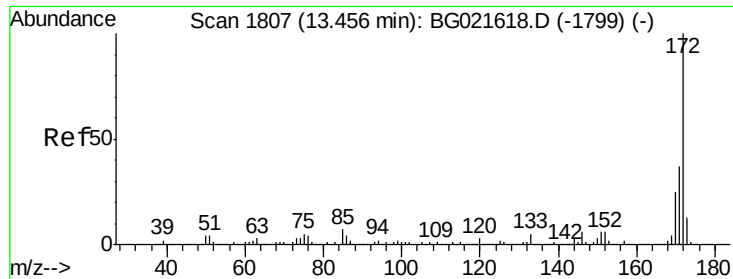


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

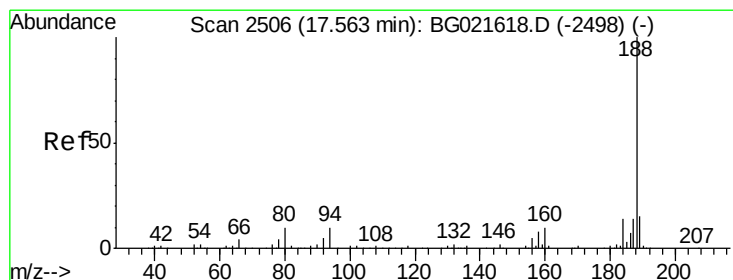
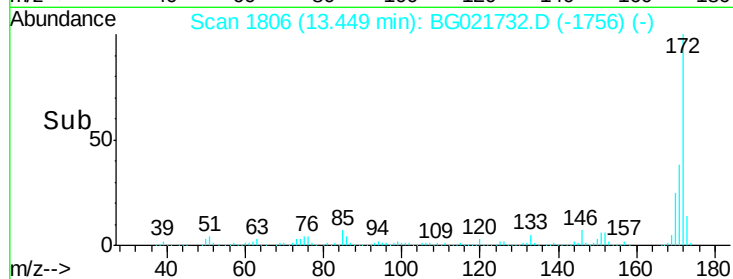
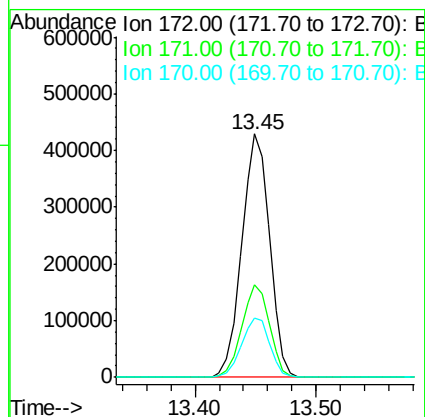
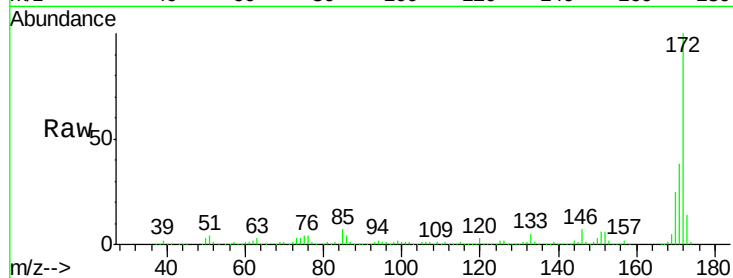




#44
 2-Fluorobiphenyl
 Concen: 108.36 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021732.D
 Acq: 18 Apr 2016 9:48

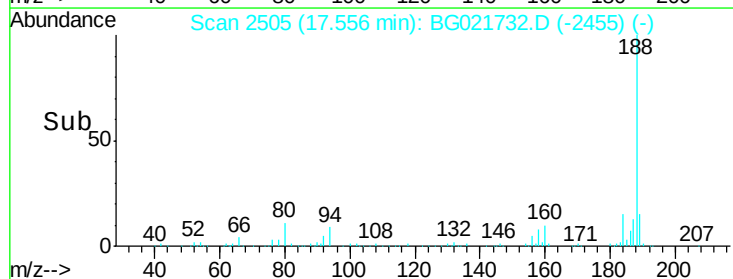
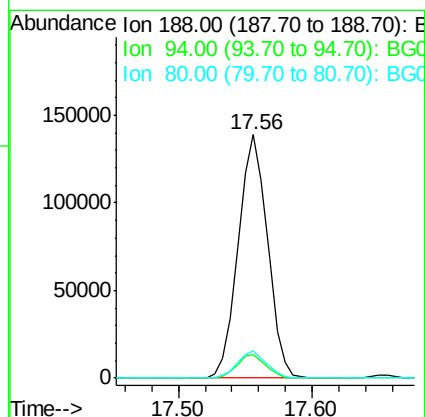
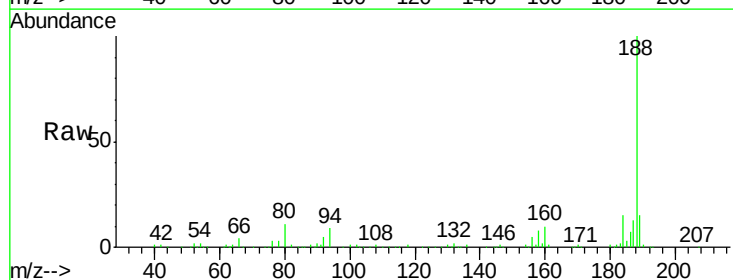
Instrument :
 BNA_G
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 FB-BWR-BB-R06-FIELDBLANK-4-8-

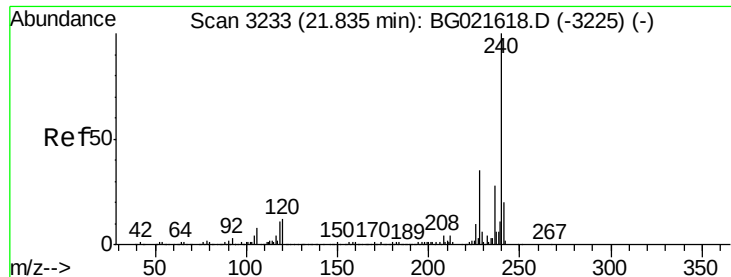
Tgt Ion:172 Resp: 689257
 Ion Ratio Lower Upper
 172 100
 171 37.9 27.8 41.6
 170 24.6 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG021732.D
 Acq: 18 Apr 2016 9:48

Tgt Ion:188 Resp: 211594
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.5 11.3
 80 11.0 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021732.D

Acq: 18 Apr 2016 9:48

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-FIELDBLANK-4-8-

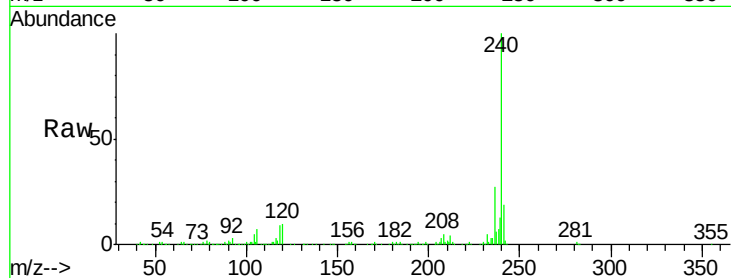
Tgt Ion:240 Resp: 223099

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

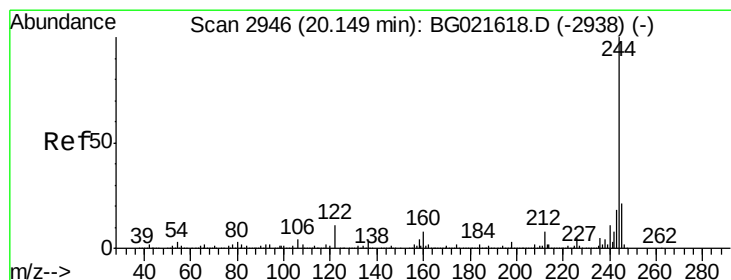
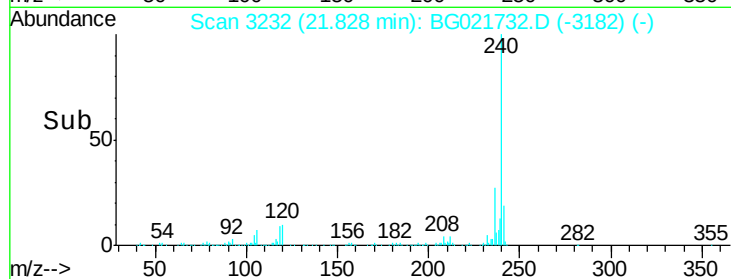
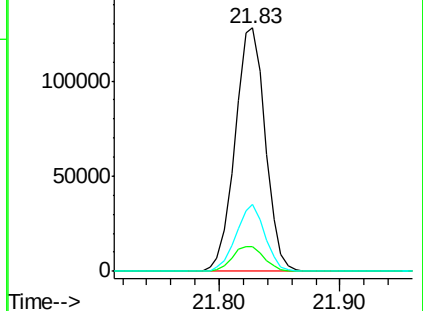
236 27.3 19.6 29.4



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: 106.07 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021732.D

Acq: 18 Apr 2016 9:48

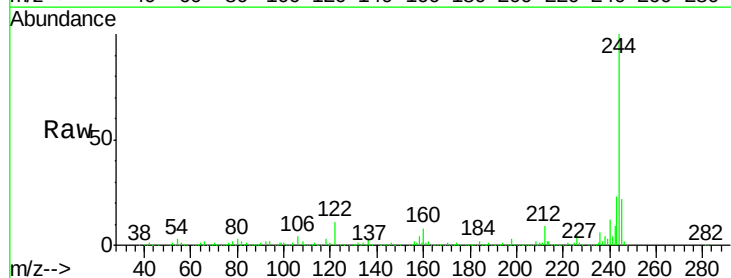
Tgt Ion:244 Resp: 948358

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

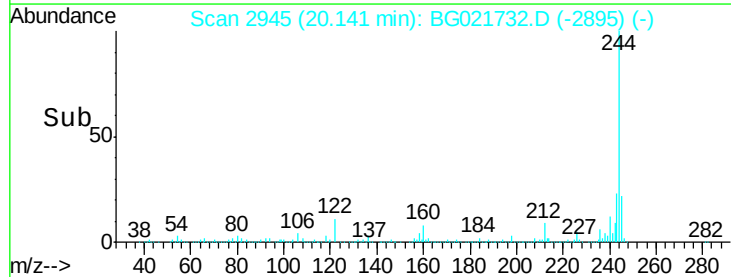
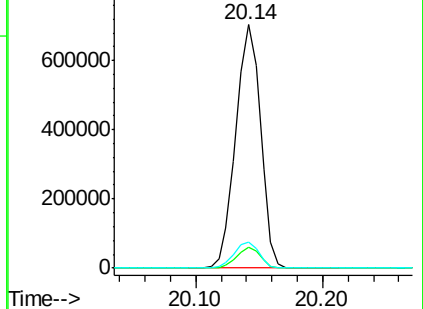
122 10.7 8.6 12.8

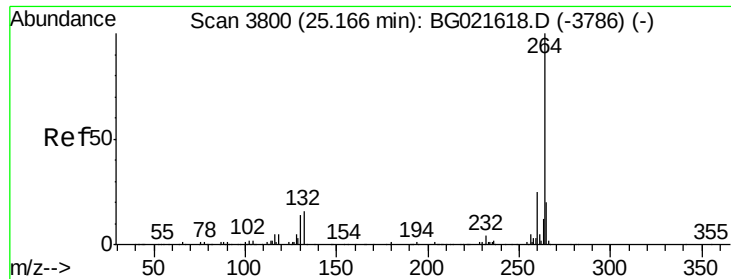


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021732.D
Acq: 18 Apr 2016 9:48

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.4
265	20.9	17.8	26.8

