

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
 Data File : BG021730.D
 Acq On : 18 Apr 2016 8:29
 Operator : UM/SJ
 Sample : H2420-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R06-CS-1(0-18FT)

Quant Time: Apr 18 11:50:48 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

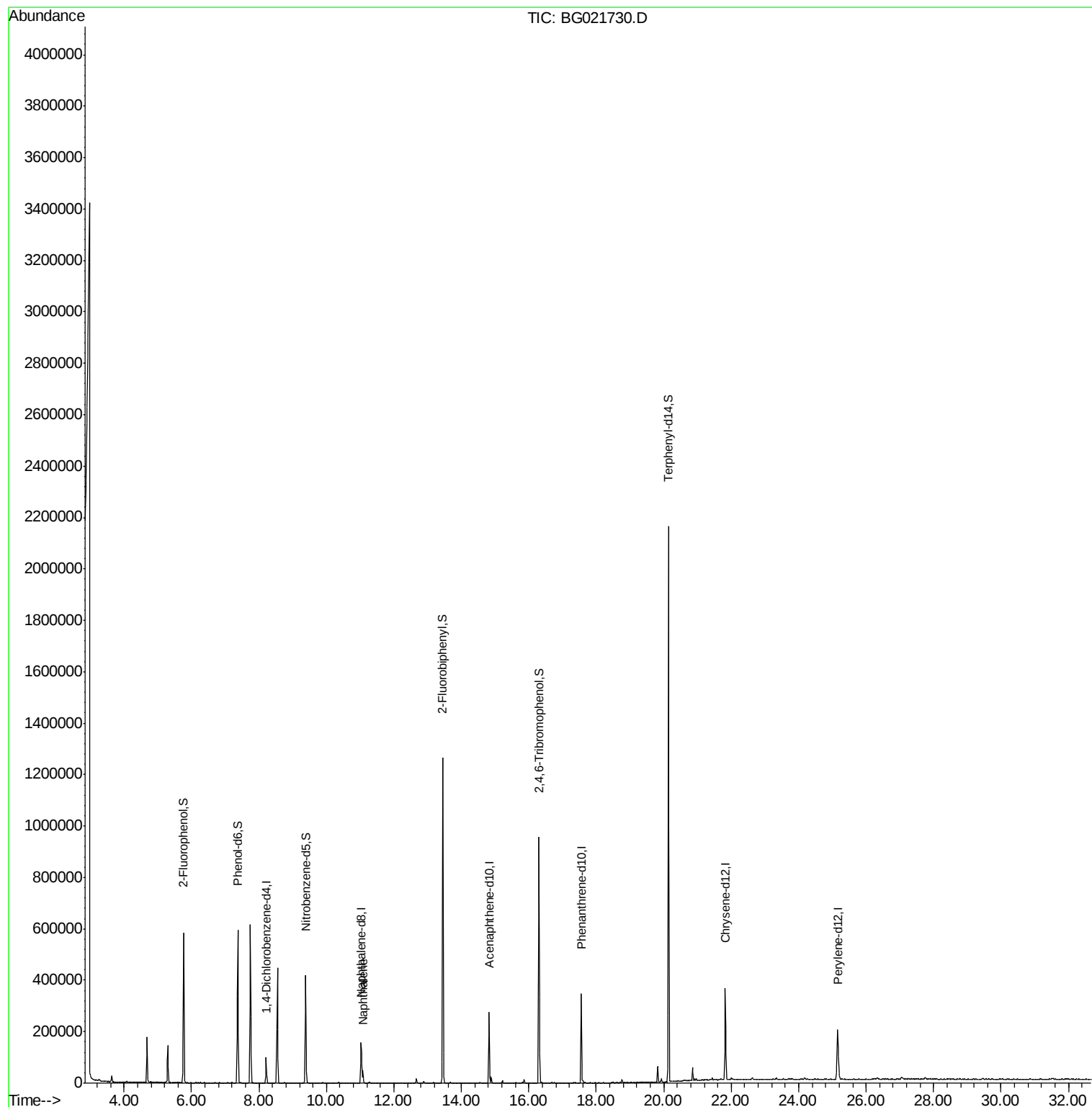
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	28236	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	139185	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	97049	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	205972	20.00	ng	0.00
75) Chrysene-d12	21.83	240	220668	20.00	ng	0.00
86) Perylene-d12	25.16	264	213436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	254869	150.31	ng	0.00
7) Phenol-d6	7.37	99	357954	141.33	ng	0.00
23) Nitrobenzene-d5	9.38	82	261850	96.70	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	177137	169.36	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	670082	101.16	ng	0.00
78) Terphenyl-d14	20.14	244	924516	104.54	ng	0.00
Target Compounds						
31) Naphthalene	11.08	128	43313	5.81	ng	Qvalue # 96

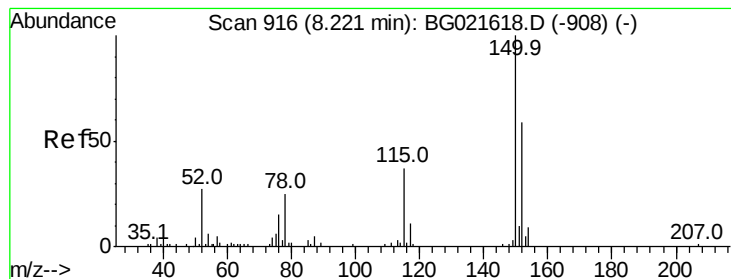
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG021730.D

Acq: 18 Apr 2016 8:29

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-1(0-18FT)

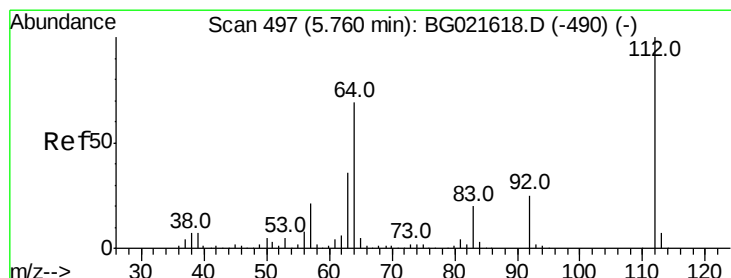
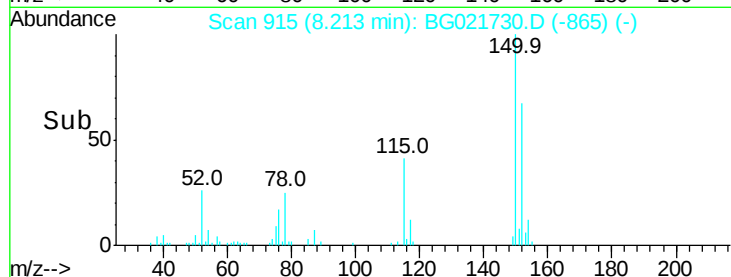
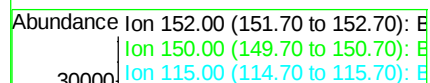
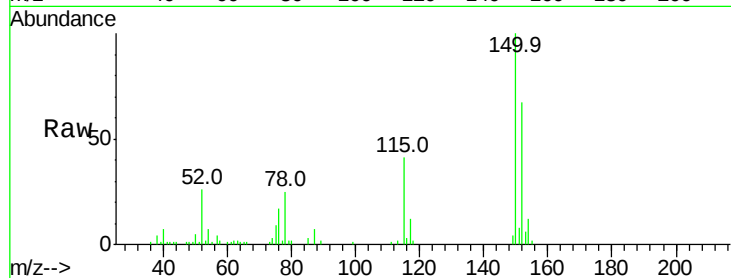
Tot Ion:152 Resp: 28236

Ion Ratio Lower Upper

152 100

150 149.7 130.1 195.1

115 61.4 62.2 93.2#



#5

2-Fluorophenol

Concen: 150.31 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021730.D

Acq: 18 Apr 2016 8:29

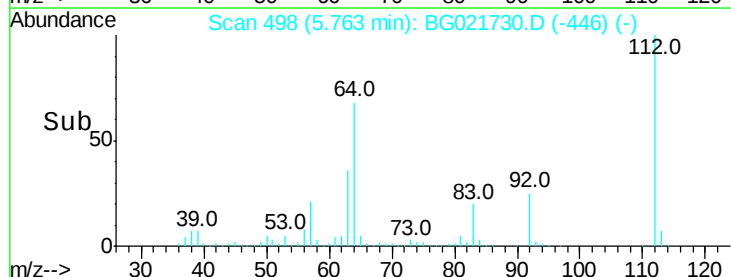
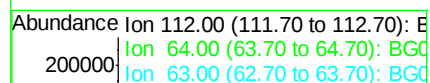
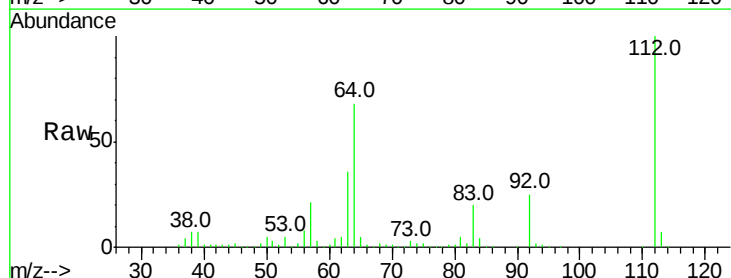
Tgt Ion:112 Resp: 254869

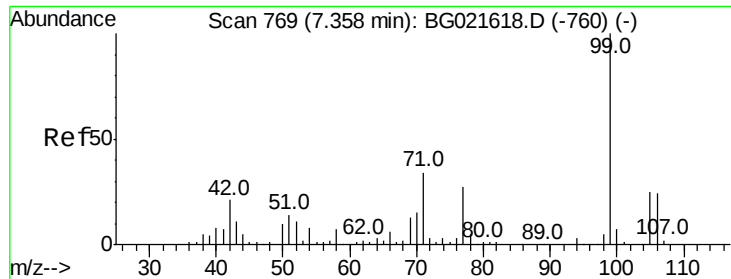
Ion Ratio Lower Upper

112 100

64 68.2 51.1 76.7

63 35.6 24.6 37.0





#7

Phenol-d6

Concen: 141.33 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021730.D

Acq: 18 Apr 2016 8:29

Instrument :

BNA_G

ClientSampleId :

FB-BWR-BB-R06-CS-1(0-18FT)

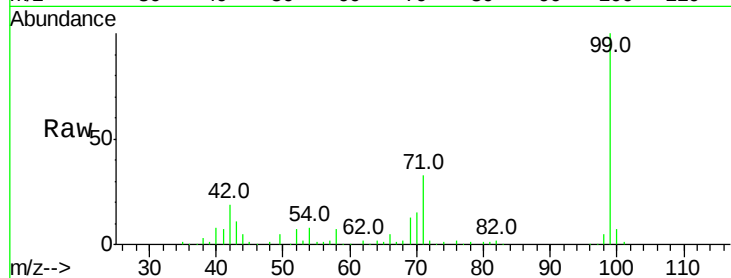
Tot Ion: 99 Resp: 357954

Ion Ratio Lower Upper

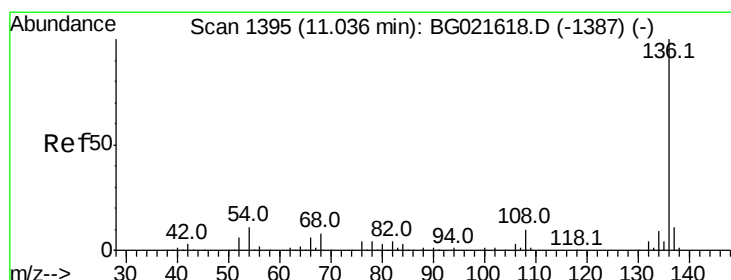
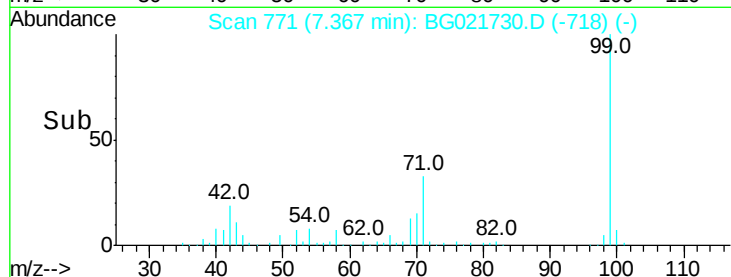
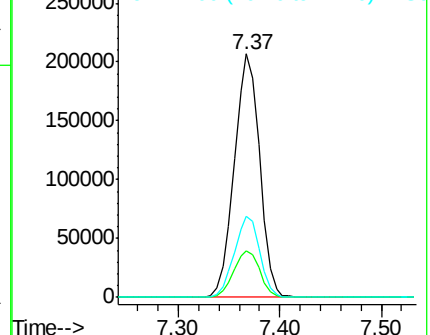
99 100

42 19.0 16.4 24.6

71 33.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021730.D

Acq: 18 Apr 2016 8:29

Tgt Ion: 136 Resp: 139185

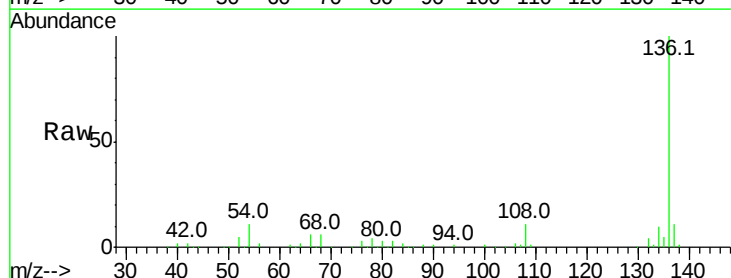
Ion Ratio Lower Upper

136 100

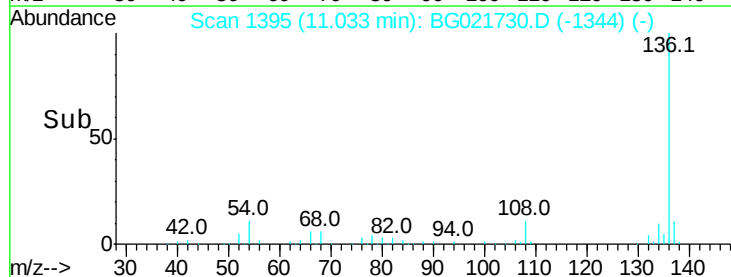
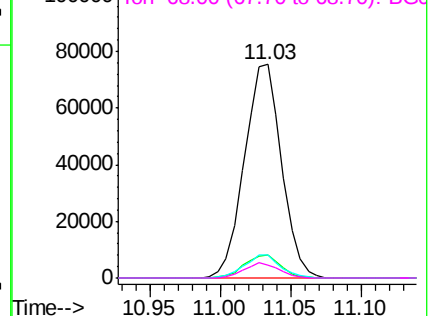
137 11.0 9.0 13.4

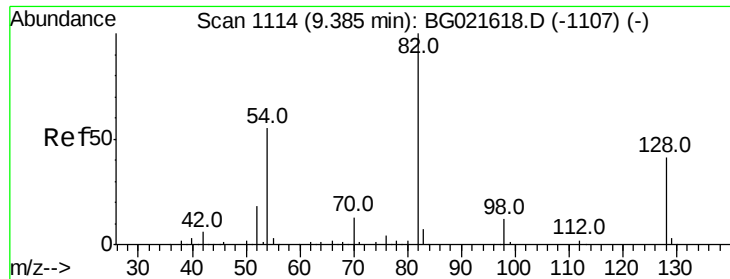
54 10.9 9.6 14.4

68 6.2 6.4 9.6#



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

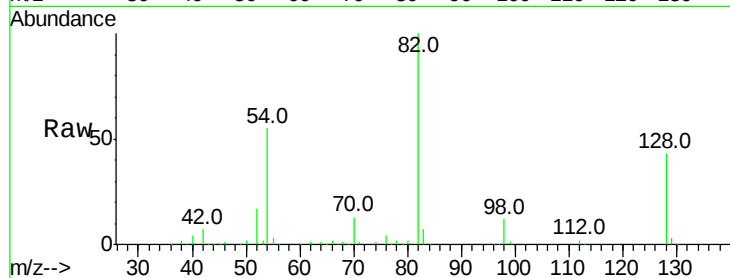




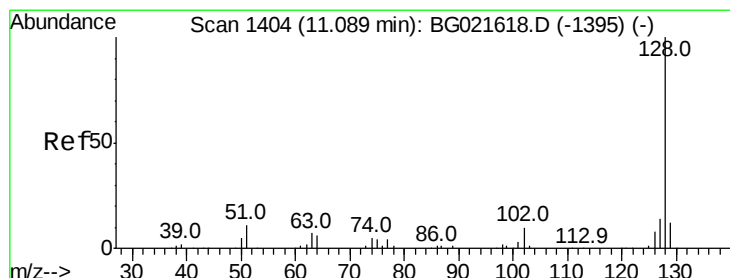
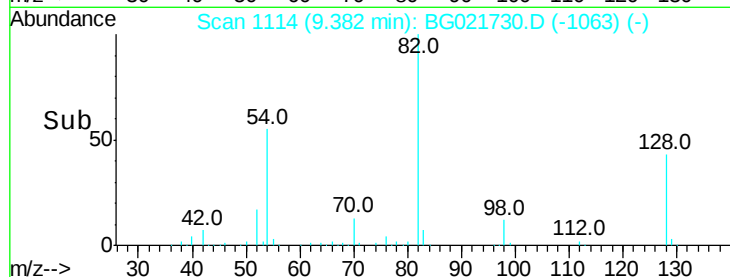
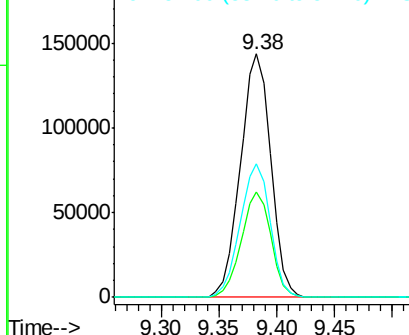
#23
Nitrobenzene-d5
Concen: 96.70 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	54.6	46.1	69.1

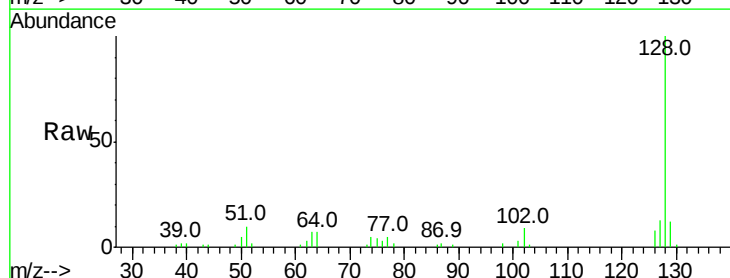


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

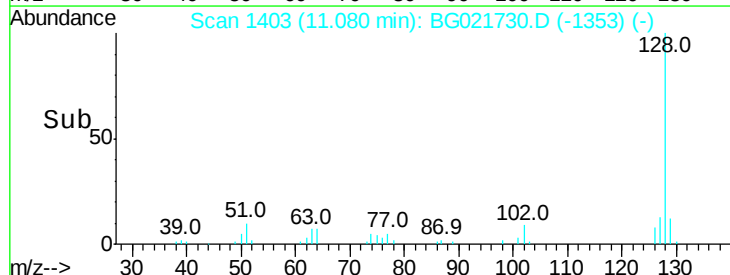
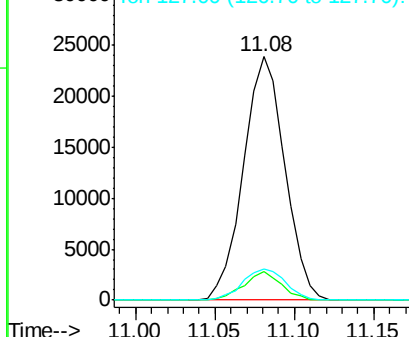


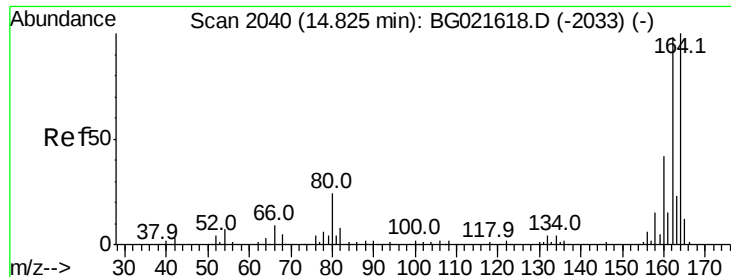
#31
Naphthalene
Concen: 5.81 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	7.0	10.6#
127	13.0	10.1	15.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

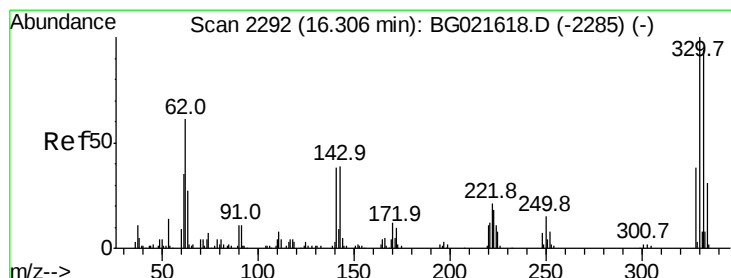
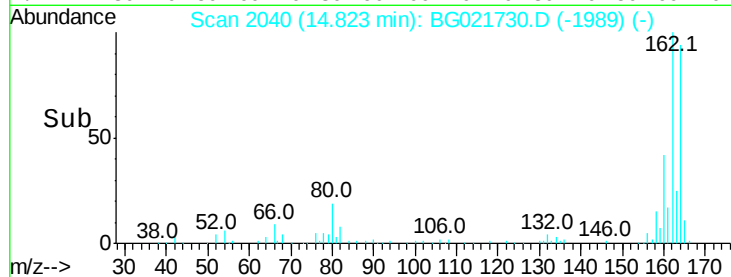
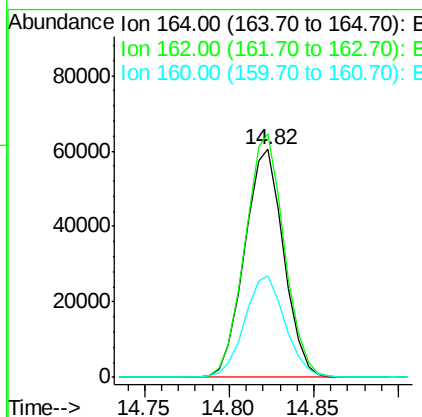
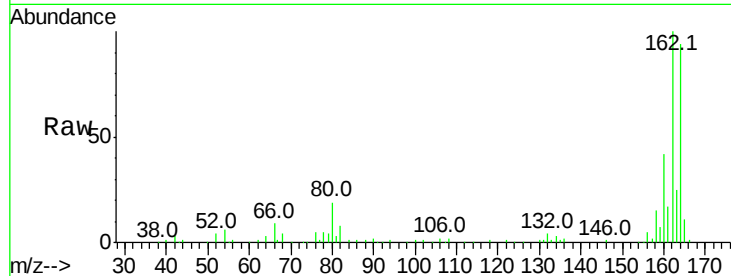




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021730.D
 Acq: 18 Apr 2016 8:29

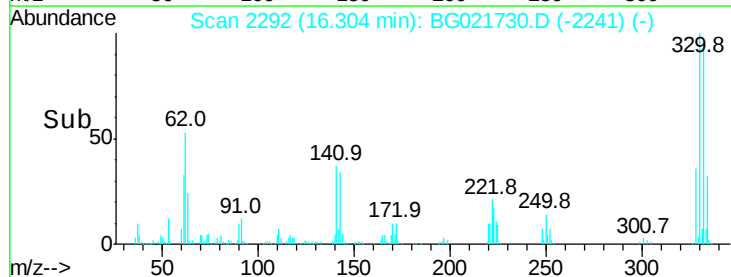
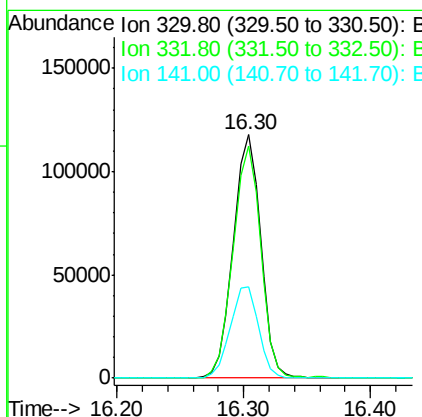
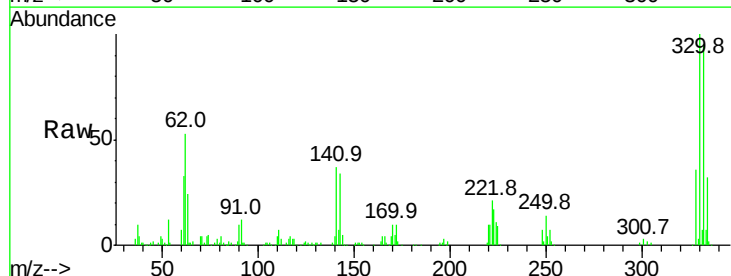
Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R06-CS-1(0-18FT)

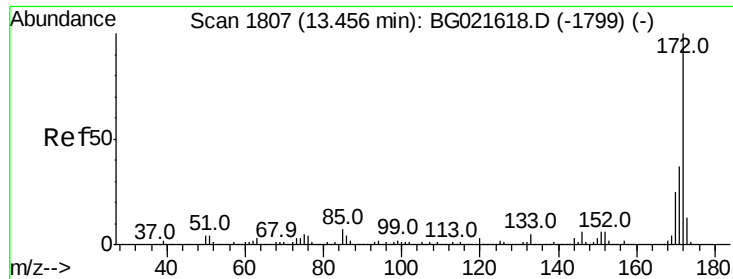
Tot Ion:164 Resp: 97049
 Ion Ratio Lower Upper
 164 100
 162 106.8 78.0 117.0
 160 44.5 32.9 49.3



#41
 2,4,6-Tribromophenol
 Concen: 169.36 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021730.D
 Acq: 18 Apr 2016 8:29

Tgt Ion:330 Resp: 177137
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.0 117.0
 141 38.5 33.8 50.8

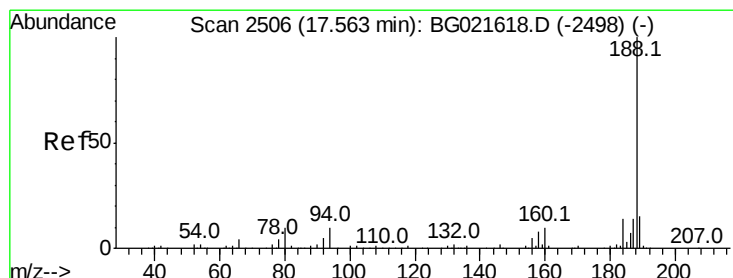
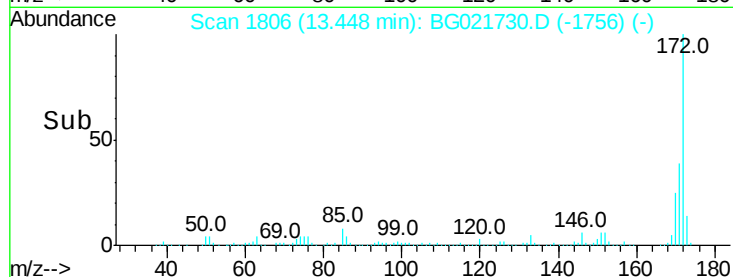
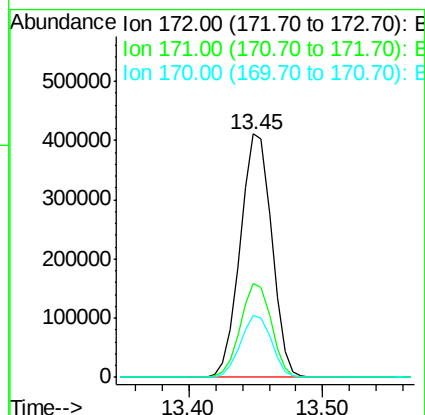
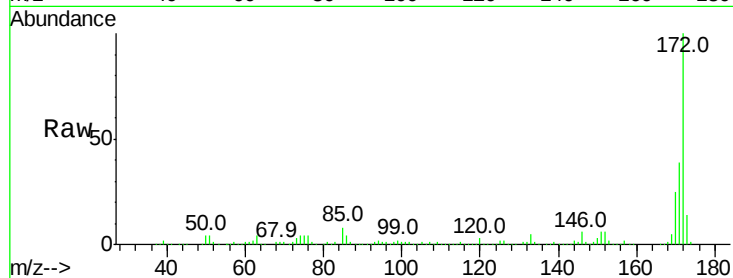




#44
 2-Fluorobiphenyl
 Concen: 101.16 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021730.D
 Acq: 18 Apr 2016 8:29

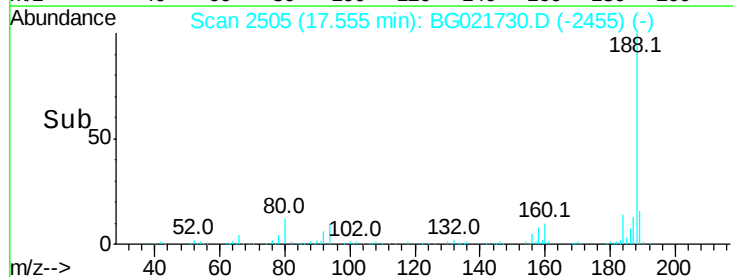
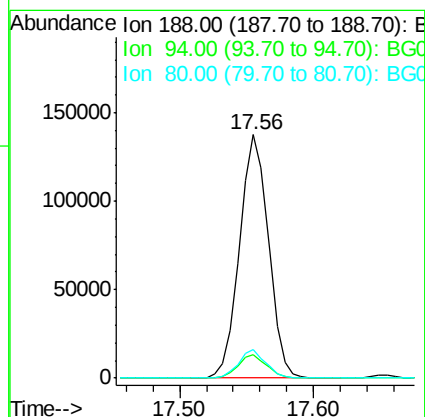
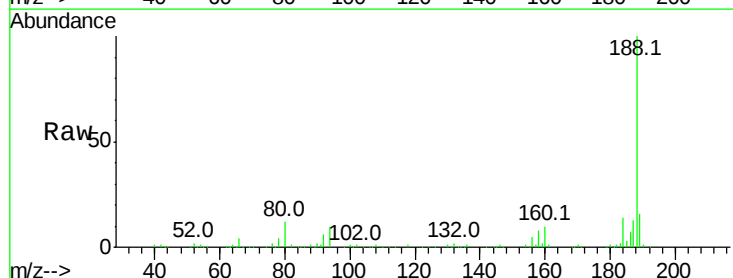
Instrument :
 BNA_G
 ClientSampleId :
 FB-BWR-BB-R06-CS-1(0-18FT)

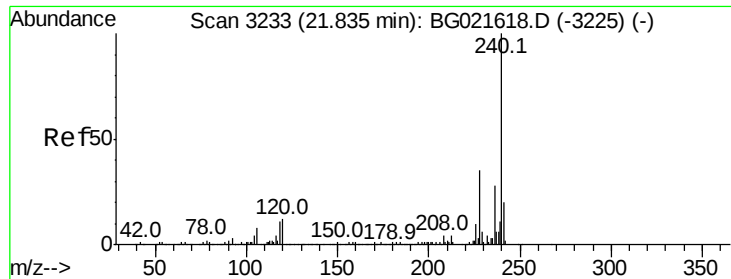
Tot Ion:172 Resp: 670082
 Ion Ratio Lower Upper
 172 100
 171 38.6 27.8 41.6
 170 25.5 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 2505
 Delta R.T. -0.01 min
 Lab File: BG021730.D
 Acq: 18 Apr 2016 8:29

Tgt Ion:188 Resp: 205972
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.5 11.3
 80 11.7 8.6 13.0

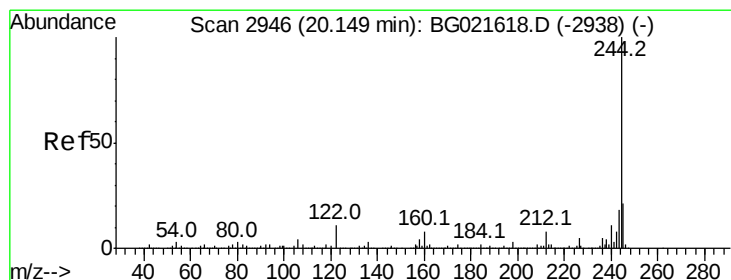
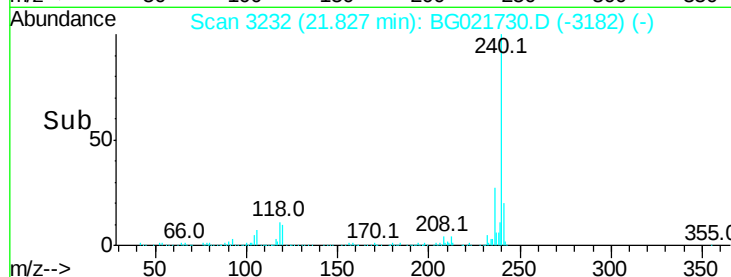
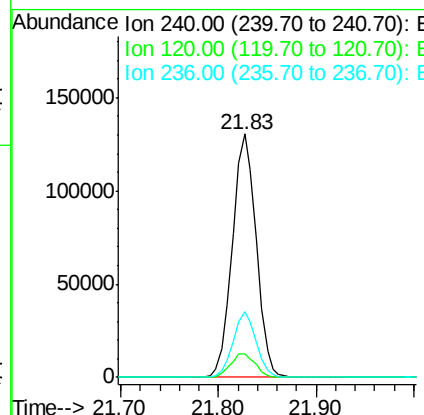
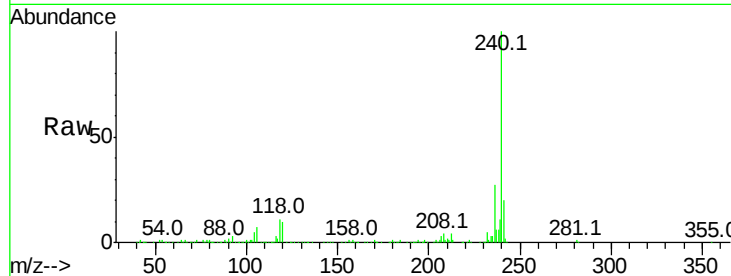




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG021730.D
 Acq: 18 Apr 2016 8:29

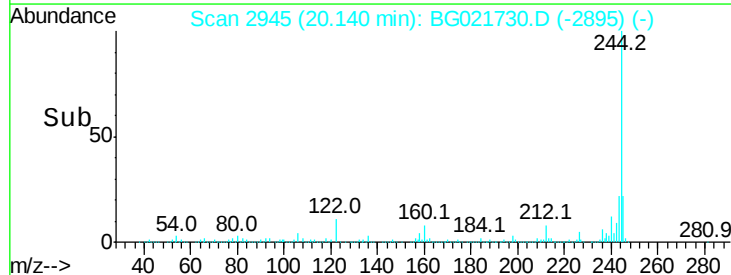
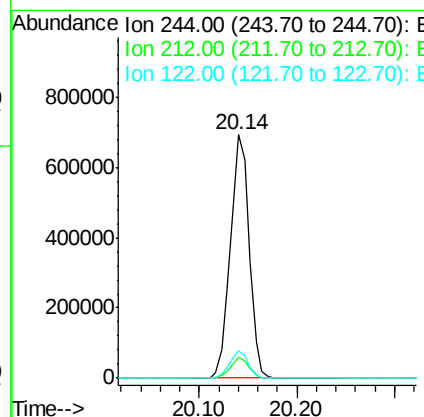
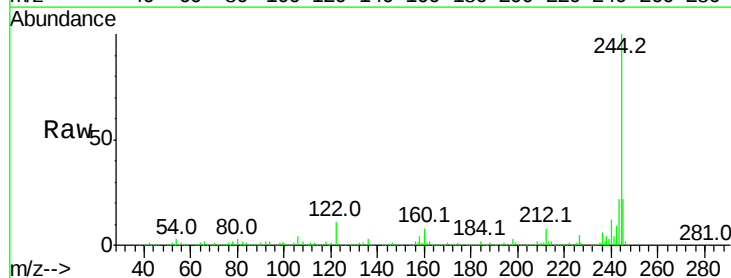
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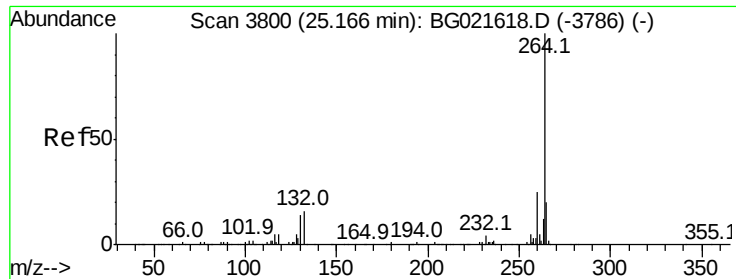
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	27.0	19.6	29.4



#78
 Terphenyl-d14
 Concen: 104.54 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BG021730.D
 Acq: 18 Apr 2016 8:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.0	8.6	12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021730.D
Acq: 18 Apr 2016 8:29

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R06-CS-1(0-18FT)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.2	30.4
265	21.6	17.8	26.8

