

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042016\
 Data File : BG021769.D
 Acq On : 20 Apr 2016 00:16
 Operator : UM/SJ
 Sample : H2569-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LCF-SW2

Quant Time: Apr 20 03:28:31 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

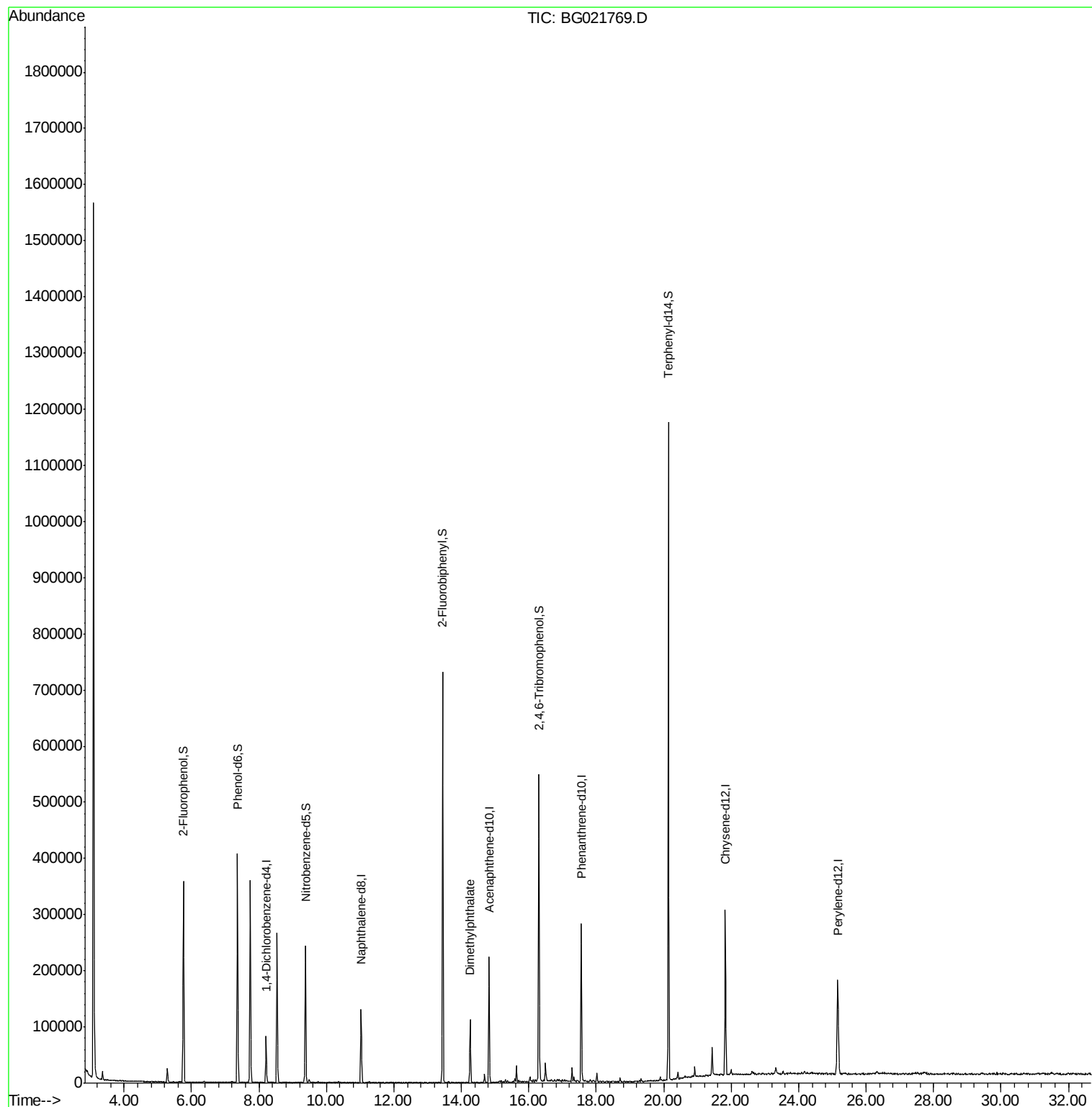
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	23554	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	114401	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	79316	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	176426	20.00	ng	0.00
75) Chrysene-d12	21.83	240	188058	20.00	ng	0.00
86) Perylene-d12	25.16	264	185280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	157549	111.39	ng	0.00
7) Phenol-d6	7.36	99	242670	114.86	ng	0.00
23) Nitrobenzene-d5	9.38	82	149034	66.96	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	99651	116.57	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	370747	68.49	ng	0.00
78) Terphenyl-d14	20.14	244	510813	67.78	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.26	163	76803	11.20	ng	Qvalue 98

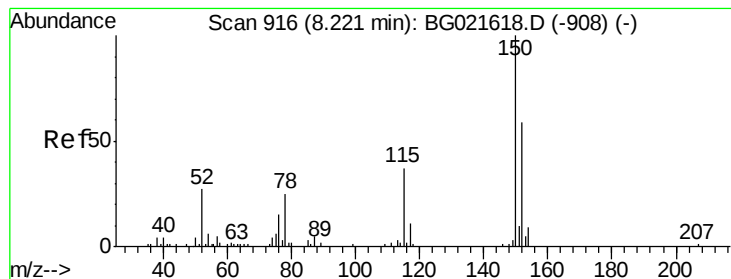
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG021769.D

Acq: 20 Apr 2016 00:16

Instrument :

BNA_G

ClientSampleId :

LCF-SW2

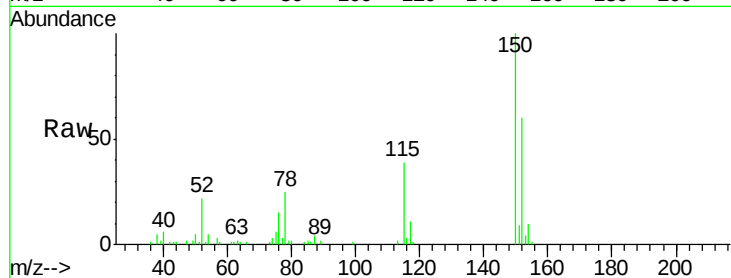
Tgt Ion:152 Resp: 23554

Ion Ratio Lower Upper

152 100

150 167.3 130.1 195.1

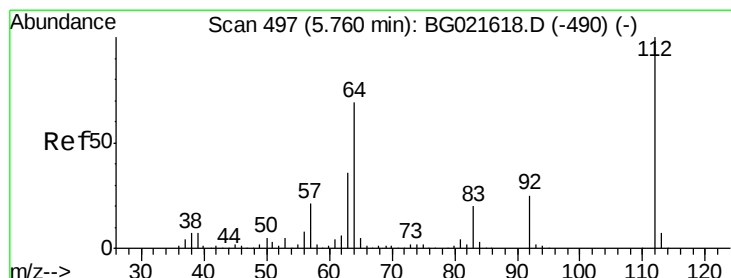
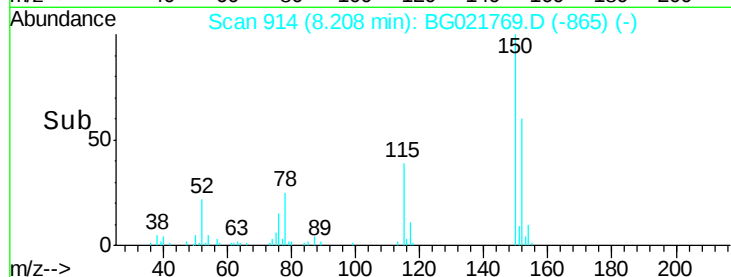
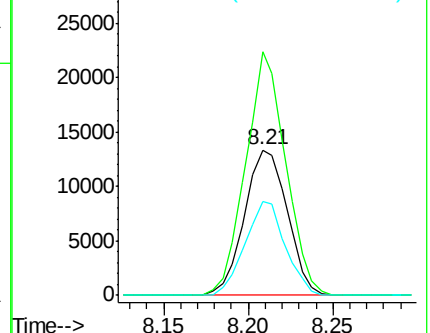
115 64.5 62.2 93.2



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: 111.39 ng

RT: 5.76 min Scan# 497

Delta R.T. -0.00 min

Lab File: BG021769.D

Acq: 20 Apr 2016 00:16

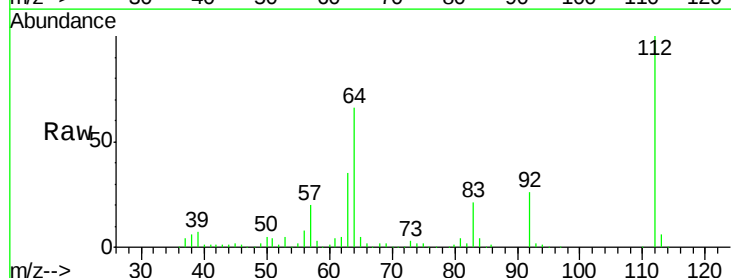
Tgt Ion:112 Resp: 157549

Ion Ratio Lower Upper

112 100

64 66.1 51.1 76.7

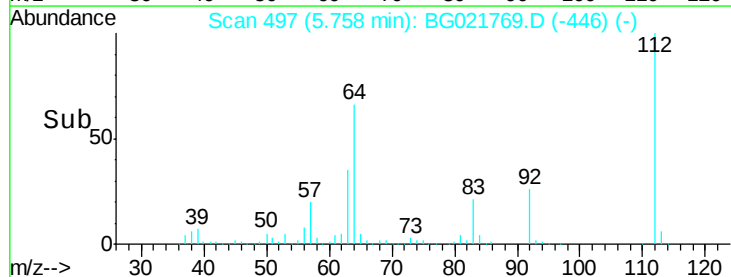
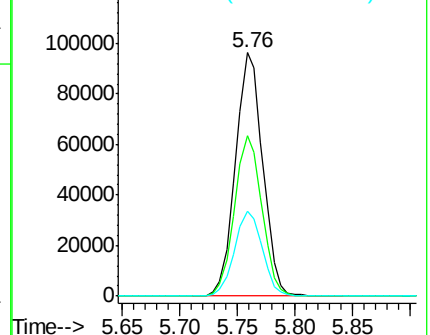
63 35.0 24.6 37.0

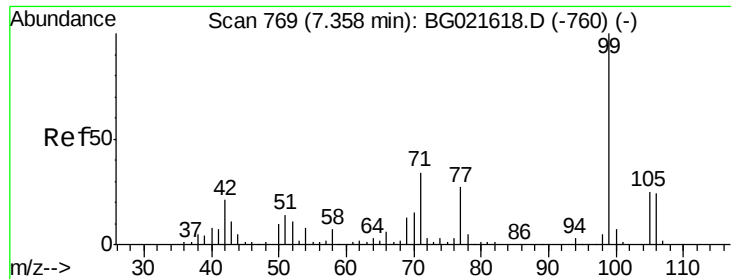


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 114.86 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG021769.D

Acq: 20 Apr 2016 00:16

Instrument :

BNA_G

ClientSampleId :

LCF-SW2

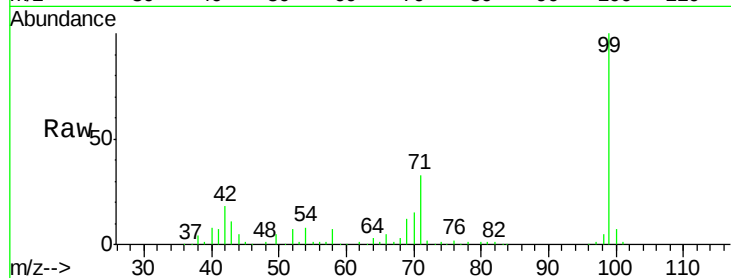
Tgt Ion: 99 Resp: 242670

Ion Ratio Lower Upper

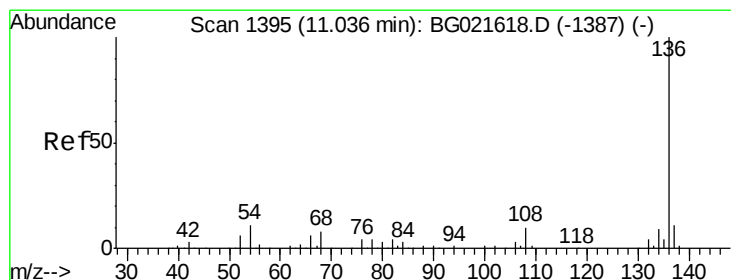
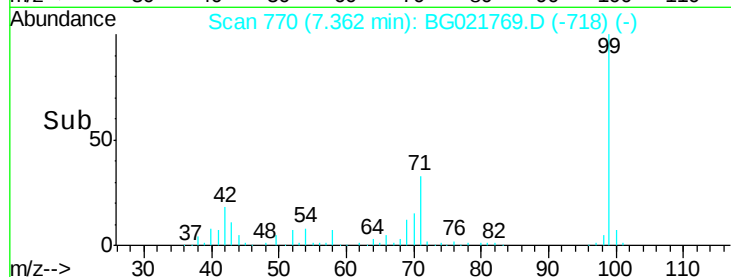
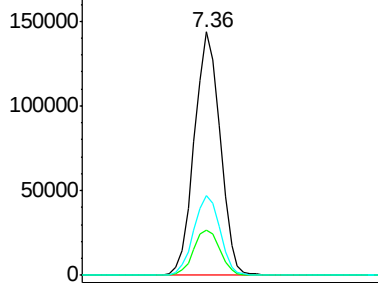
99 100

42 18.4 16.4 24.6

71 32.9 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021769.D

Acq: 20 Apr 2016 00:16

Tgt Ion: 136 Resp: 114401

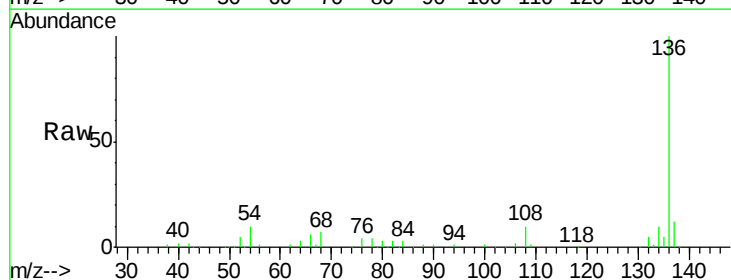
Ion Ratio Lower Upper

136 100

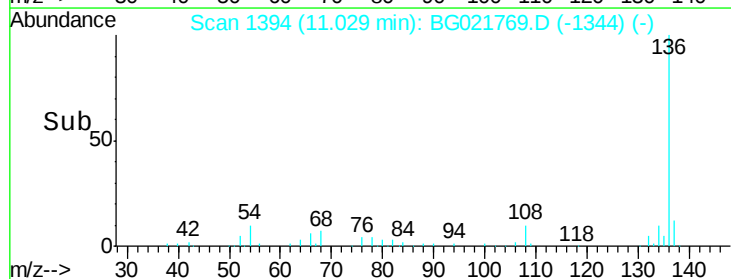
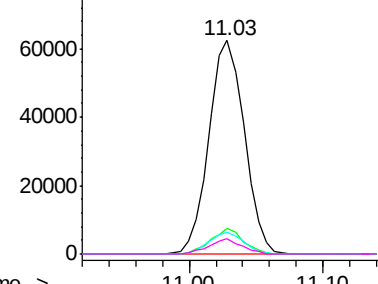
137 11.7 9.0 13.4

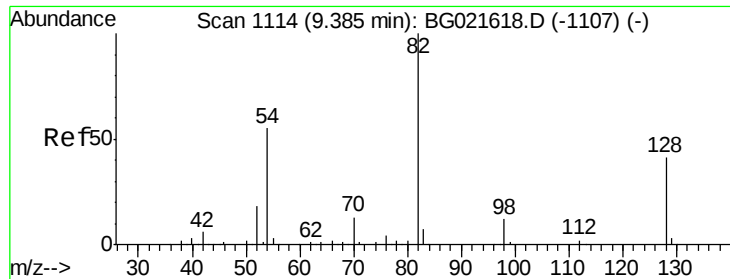
54 10.4 9.6 14.4

68 6.9 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

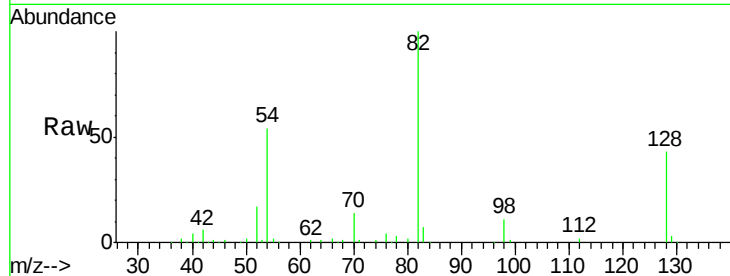




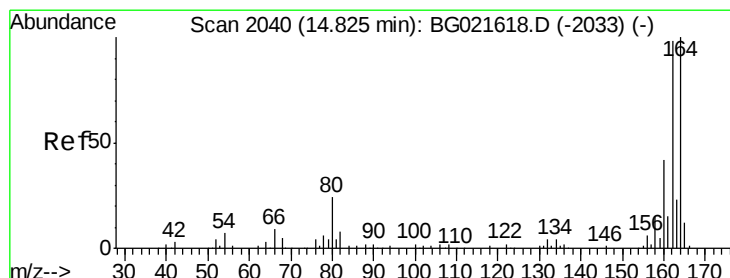
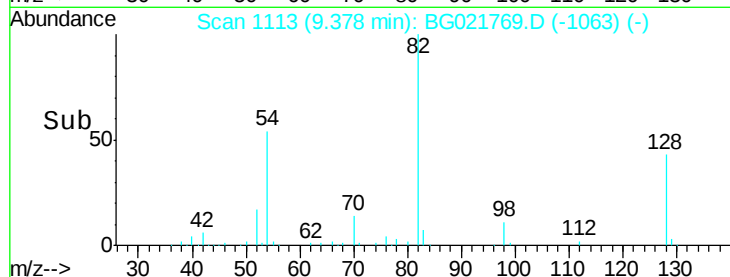
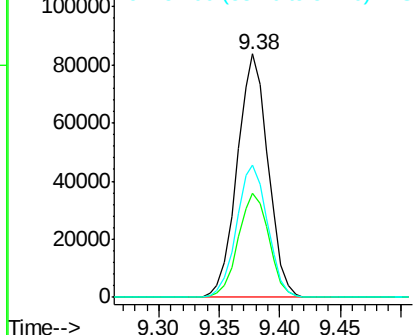
#23
 Nitrobenzene-d5
 Concen: 66.96 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021769.D
 Acq: 20 Apr 2016 00:16

Instrument :
 BNA_G
 ClientSampled :
 LCF-SW2

Tgt Ion: 82 Resp: 149034
 Ion Ratio Lower Upper
 82 100
 128 42.5 33.4 50.0
 54 54.5 46.1 69.1

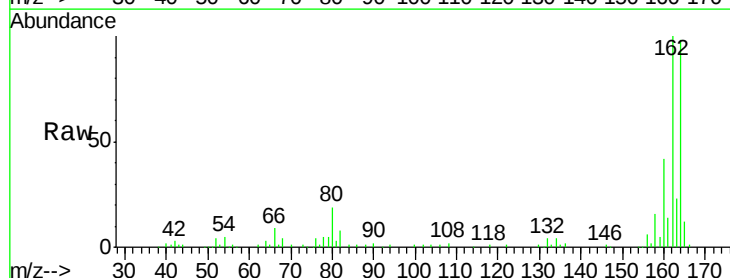


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

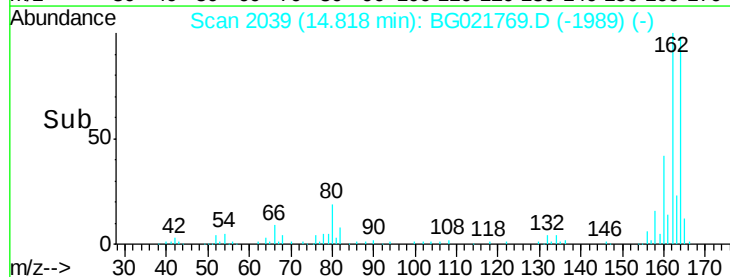
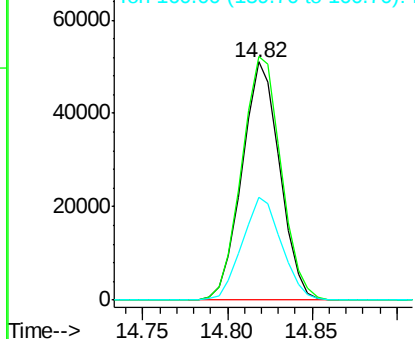


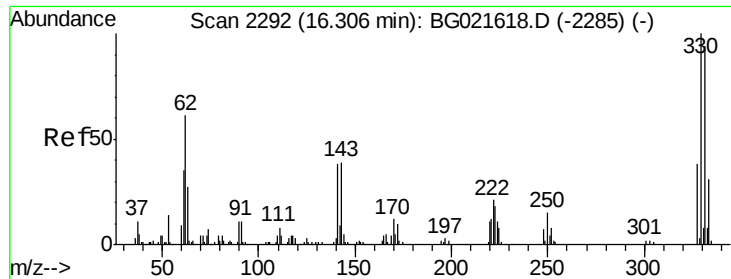
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021769.D
 Acq: 20 Apr 2016 00:16

Tgt Ion: 164 Resp: 79316
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.0 117.0
 160 43.0 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

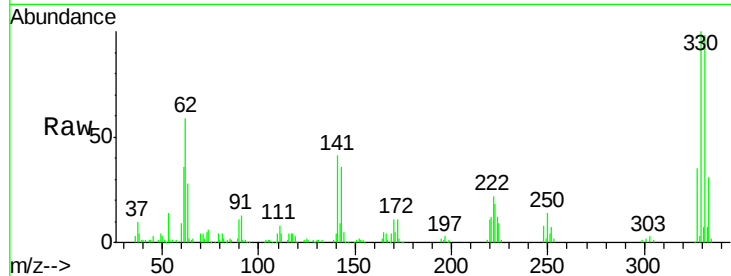




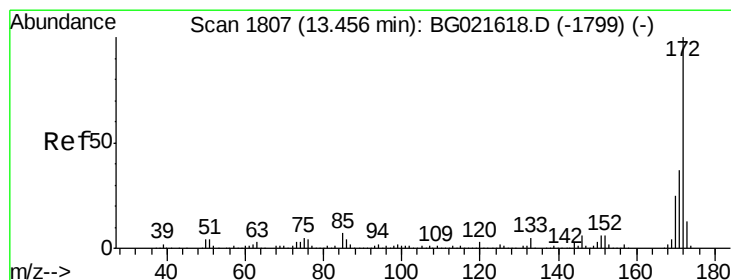
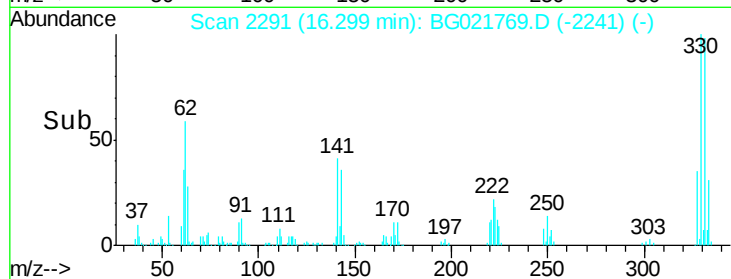
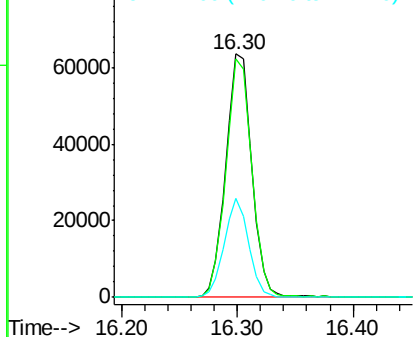
#41
 2,4,6-Tribromophenol
 Concen: 116.57 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021769.D
 Acq: 20 Apr 2016 00:16

Instrument :
 BNA_G
 ClientSampleId :
 LCF-SW2

Tgt Ion:330 Resp: 99651
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.0 117.0
 141 38.2 33.8 50.8

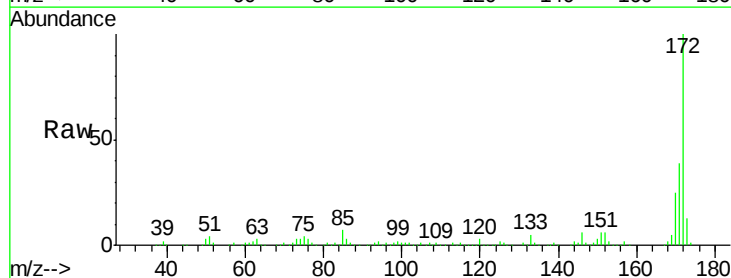


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

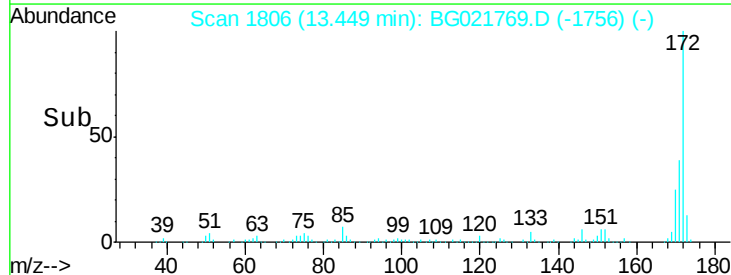
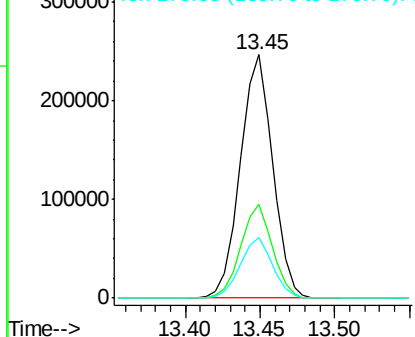


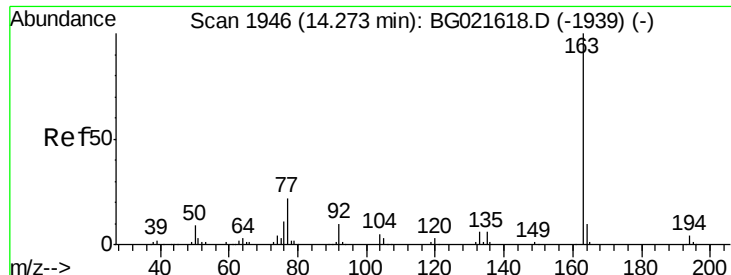
#44
 2-Fluorobiphenyl
 Concen: 68.49 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021769.D
 Acq: 20 Apr 2016 00:16

Tgt Ion:172 Resp: 370747
 Ion Ratio Lower Upper
 172 100
 171 38.7 27.8 41.6
 170 24.8 19.6 29.4



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: 11.20 ng

RT: 14.26 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG021769.D

Acq: 20 Apr 2016 00:16

Instrument :

BNA_G

ClientSampleId :

LCF-SW2

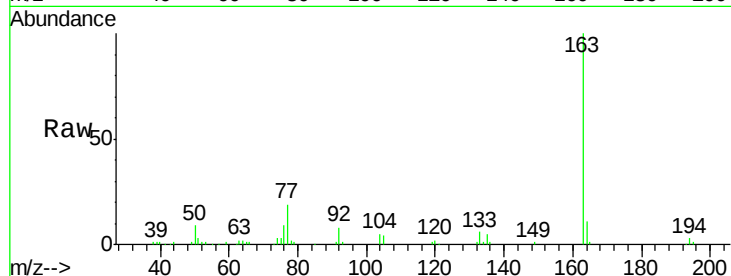
Tgt Ion:163 Resp: 76803

Ion Ratio Lower Upper

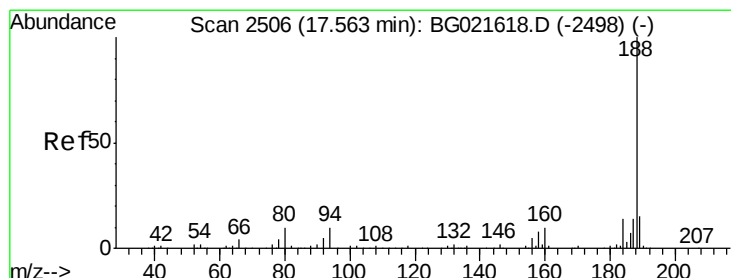
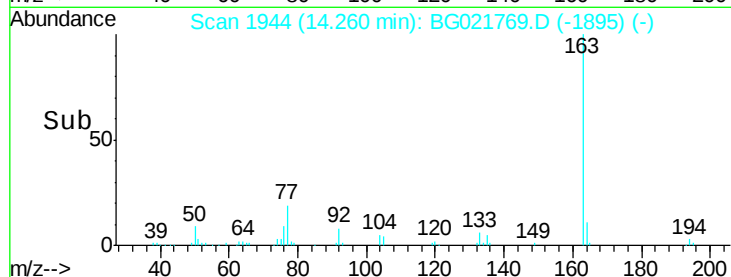
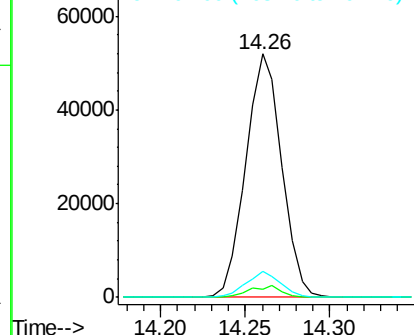
163 100

194 3.3 3.0 4.6

164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BG021769.D

Acq: 20 Apr 2016 00:16

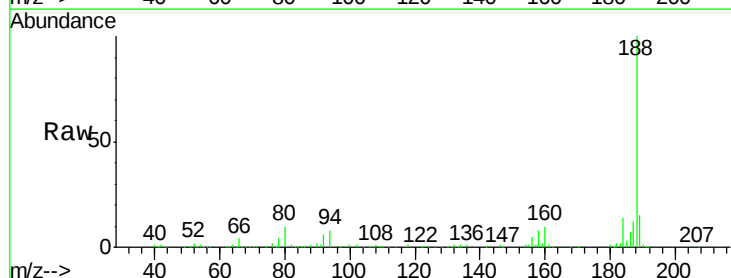
Tgt Ion:188 Resp: 176426

Ion Ratio Lower Upper

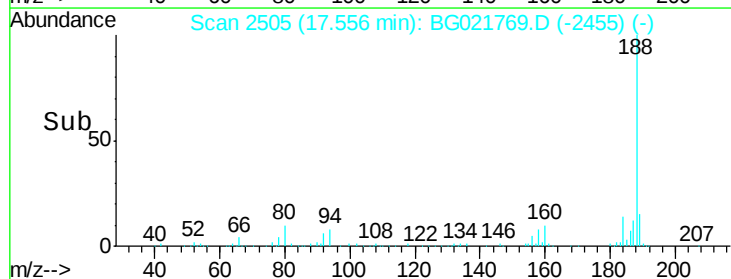
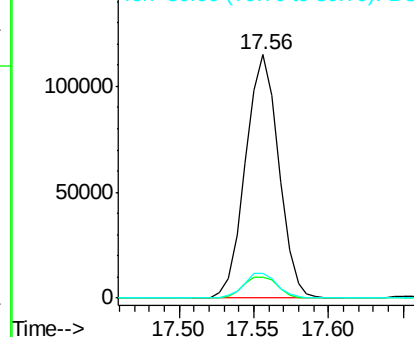
188 100

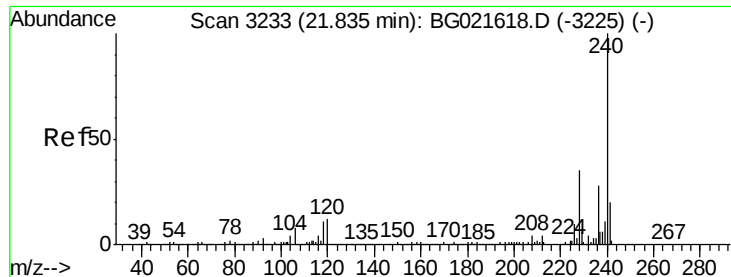
94 8.4 7.5 11.3

80 10.4 8.6 13.0



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: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG021769.D

Acq: 20 Apr 2016 00:16

Instrument :

BNA_G

ClientSampleId :

LCF-SW2

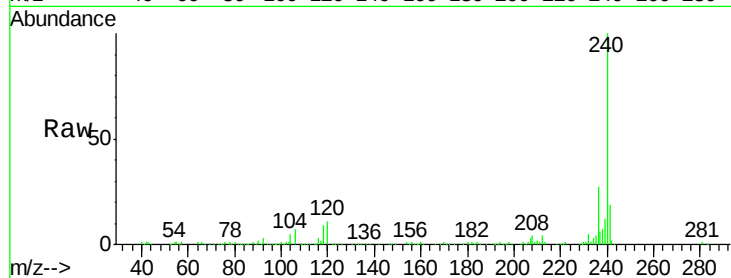
Tgt Ion:240 Resp: 188058

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

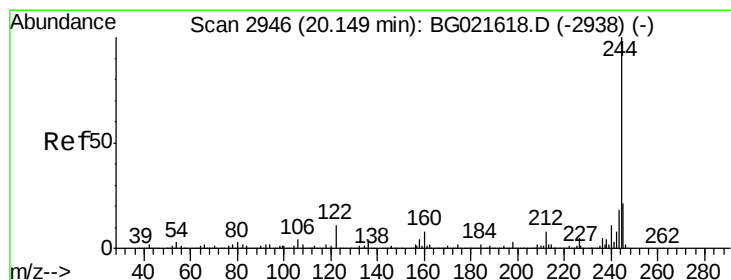
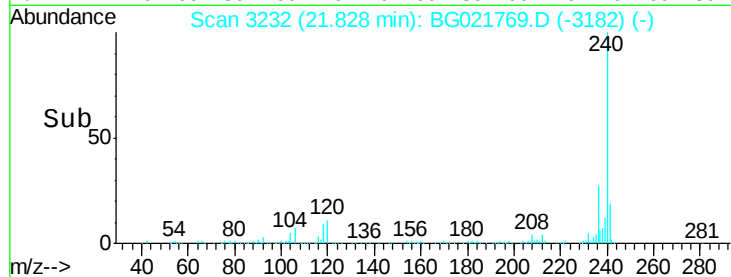
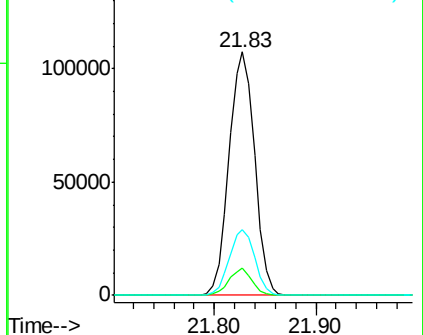
236 27.2 19.6 29.4



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: 67.78 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021769.D

Acq: 20 Apr 2016 00:16

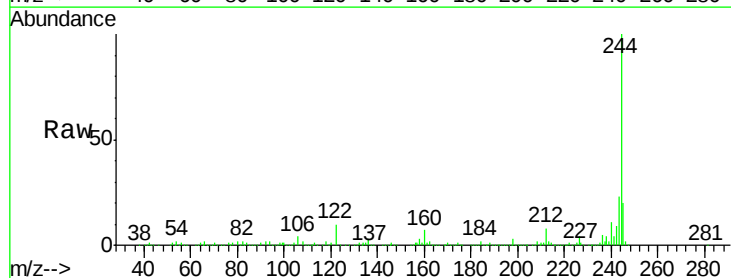
Tgt Ion:244 Resp: 510813

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

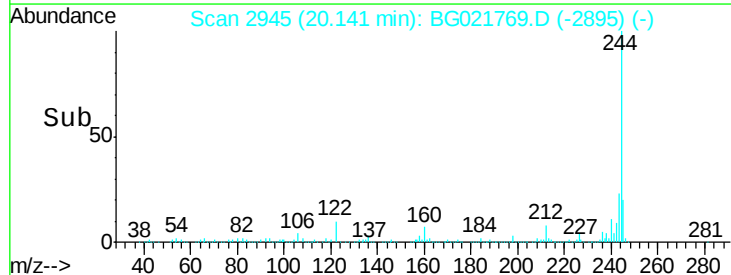
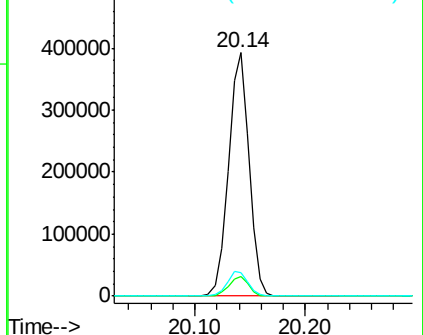
122 9.8 8.6 12.8

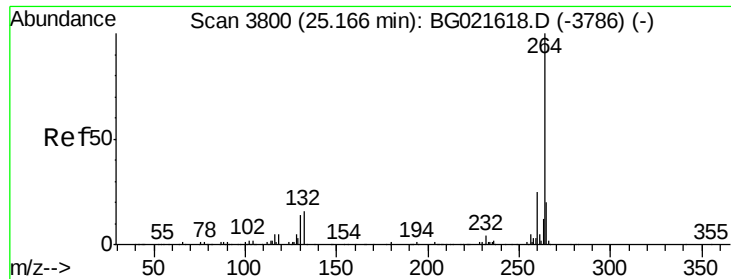


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3800
Delta R.T. -0.00 min
Lab File: BG021769.D
Acq: 20 Apr 2016 00:16

Instrument :
BNA_G
ClientSampleId :
LCF-SW2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	21.8	17.8	26.8

