

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021231.D
 Acq On : 3 Mar 2016 3:32
 Operator : UM/SJ
 Sample : H1640-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FLOOR-2

Quant Time: Mar 03 05:52:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 11:46:16 2016
 Response via : Initial Calibration

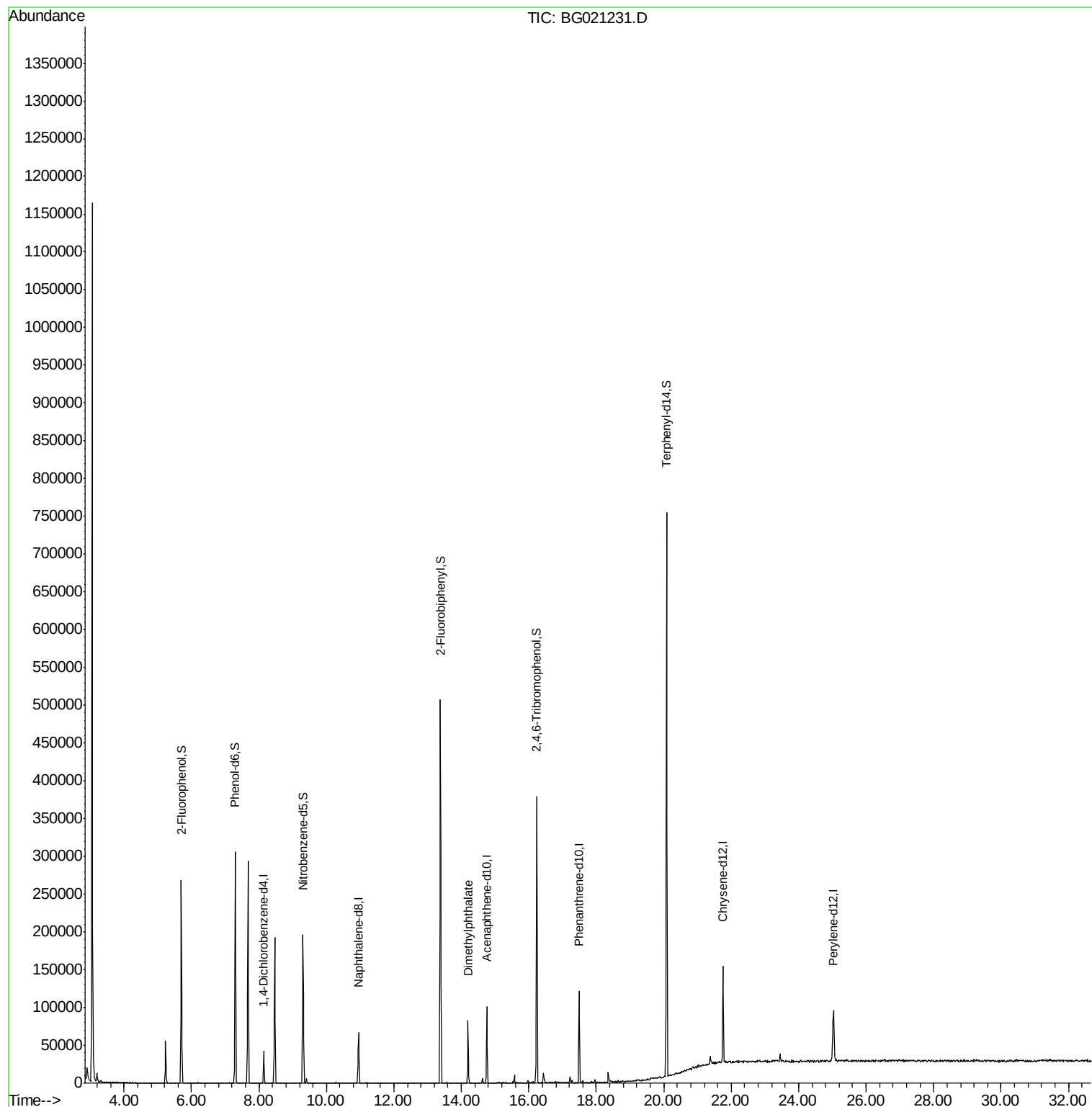
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10972	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	54181	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	33083	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	69792	20.00	ng	0.00
75) Chrysene-d12	21.76	240	73044	20.00	ng	0.00
86) Perylene-d12	25.04	264	68259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	103000	149.24	ng	0.00
7) Phenol-d6	7.30	99	171688	151.28	ng	0.00
23) Nitrobenzene-d5	9.31	82	124535	97.26	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	52417	152.28	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	242328	104.01	ng	-0.02
78) Terphenyl-d14	20.08	244	293167	97.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	48976	16.61	ng	Qvalue # 98

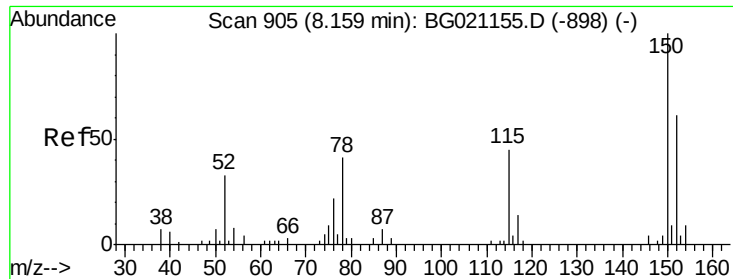
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG021231.D

Acq: 3 Mar 2016 3:32

Instrument :

BNA_G

ClientSampleId :

FLOOR-2

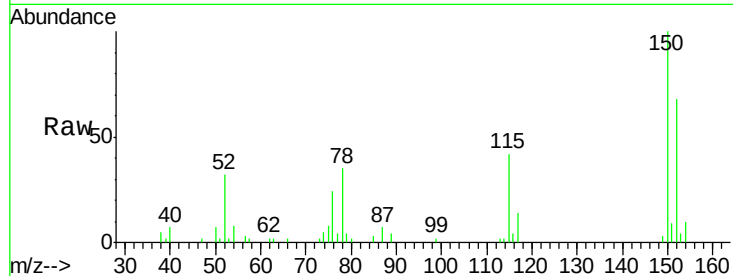
Tot Ion:152 Resp: 10972

Ion Ratio Lower Upper

152 100

150 146.0 123.4 185.2

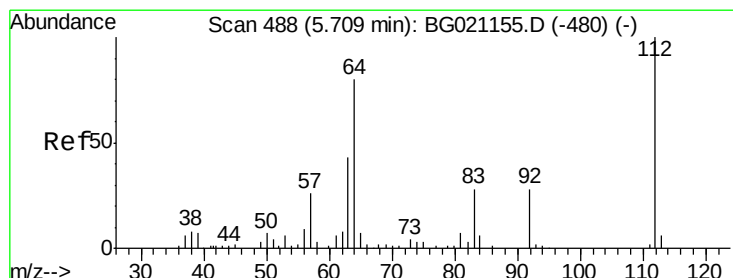
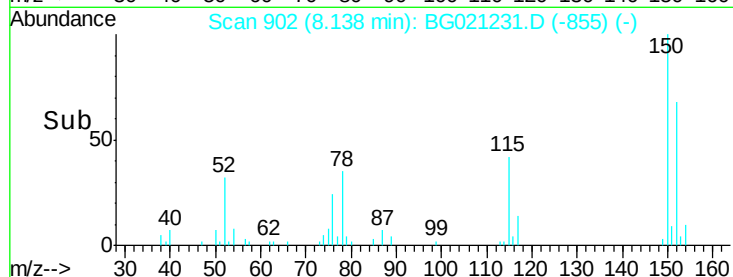
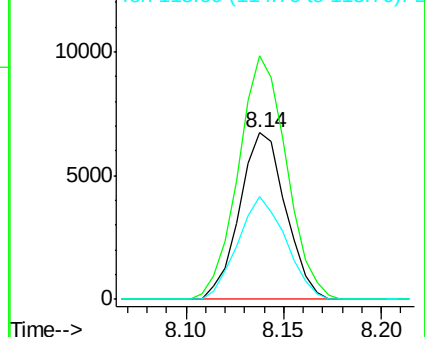
115 61.8 43.3 64.9



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: 149.24 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG021231.D

Acq: 3 Mar 2016 3:32

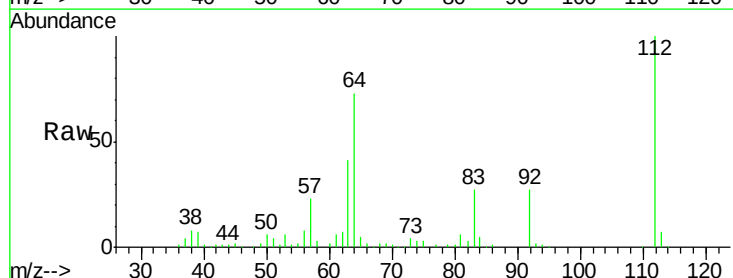
Tgt Ion:112 Resp: 103000

Ion Ratio Lower Upper

112 100

64 73.1 42.6 63.8#

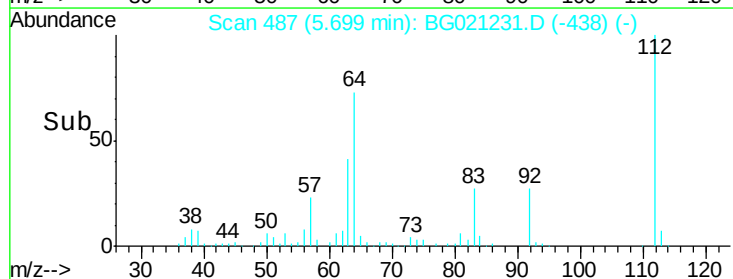
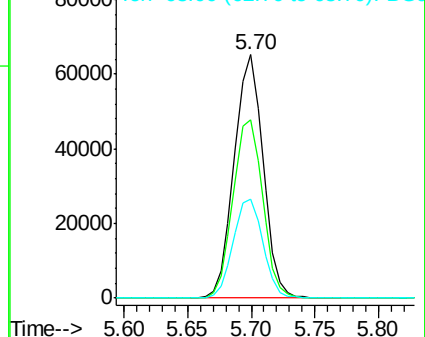
63 40.6 21.7 32.5#

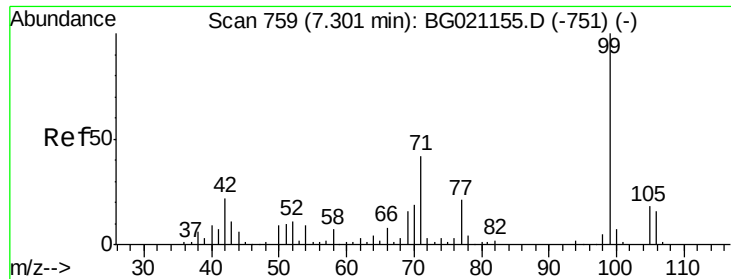


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 151.28 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021231.D

Acq: 3 Mar 2016 3:32

Instrument :

BNA_G

ClientSampleId :

FLOOR-2

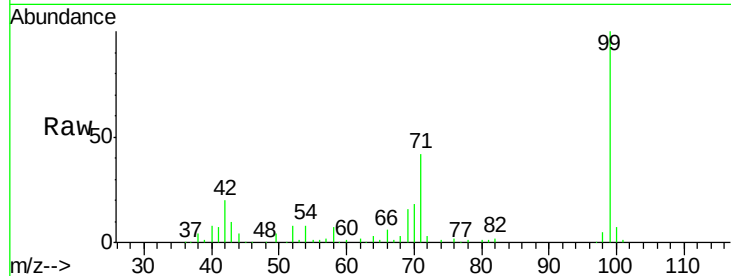
Tot Ion: 99 Resp: 171688

Ion Ratio Lower Upper

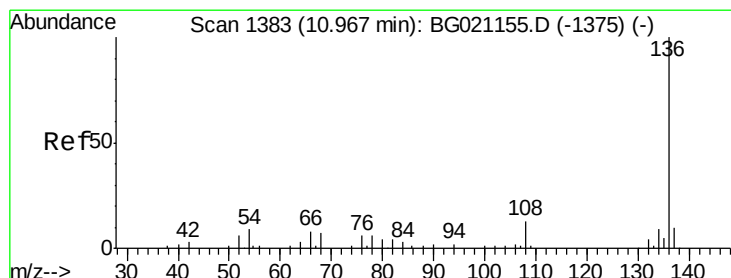
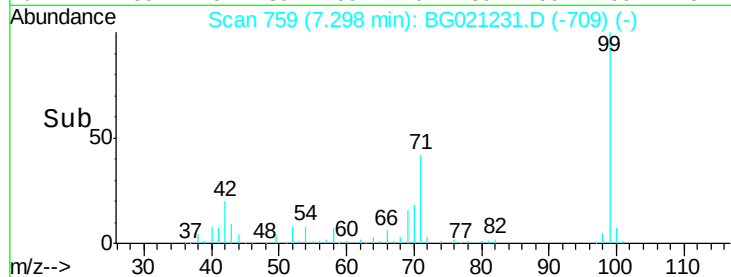
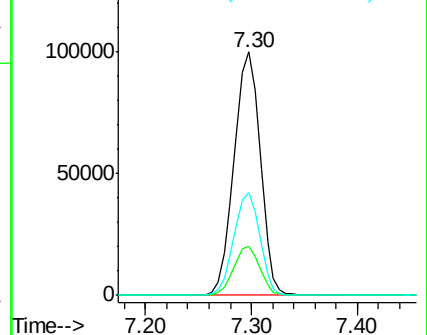
99 100

42 20.3 13.2 19.8#

71 42.3 25.2 37.8#



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: 10.95 min Scan# 1381

Delta R.T. -0.02 min

Lab File: BG021231.D

Acq: 3 Mar 2016 3:32

Tgt Ion: 136 Resp: 54181

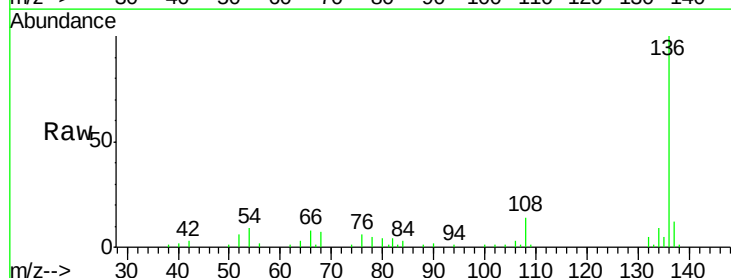
Ion Ratio Lower Upper

136 100

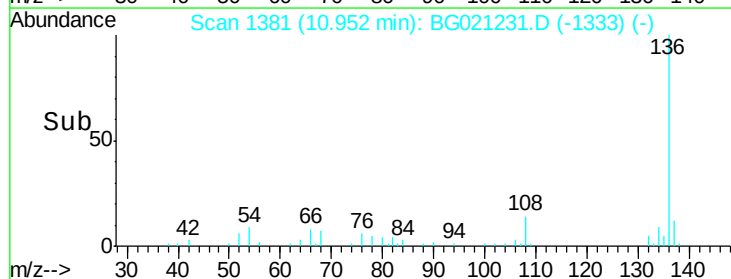
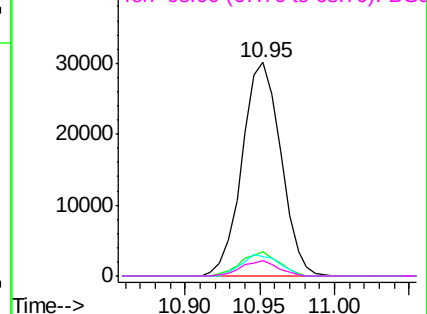
137 11.5 8.8 13.2

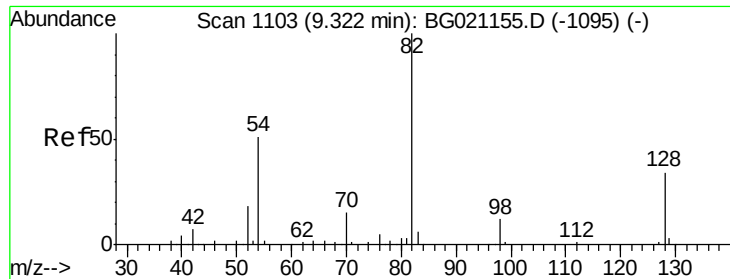
54 9.1 6.9 10.3

68 7.4 5.8 8.6



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

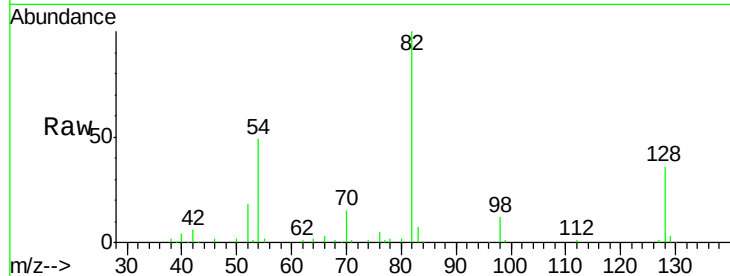




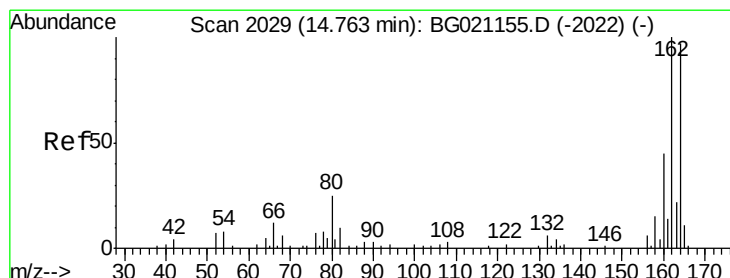
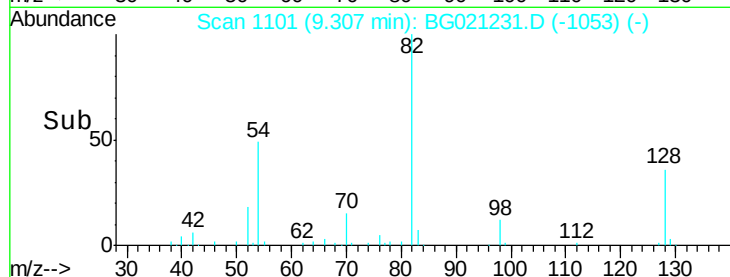
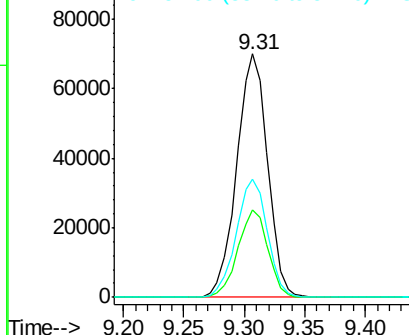
#23
 Nitrobenzene-d5
 Concen: 97.26 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BG021231.D
 Acq: 3 Mar 2016 3:32

Instrument :
 BNA_G
 ClientSampleId :
 FLOOR-2

Tot Ion: 82 Resp: 124535
 Ion Ratio Lower Upper
 82 100
 128 35.7 36.3 54.5#
 54 48.5 37.6 56.4

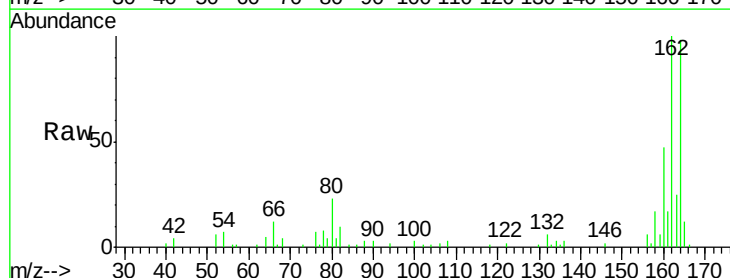


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

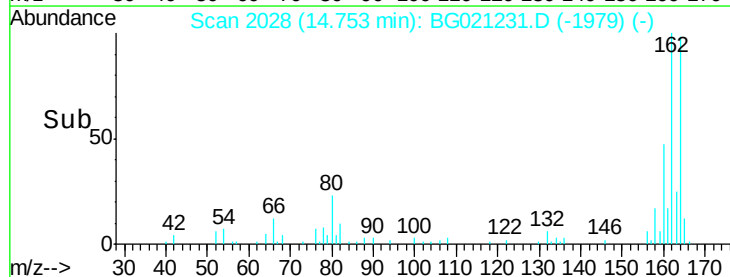
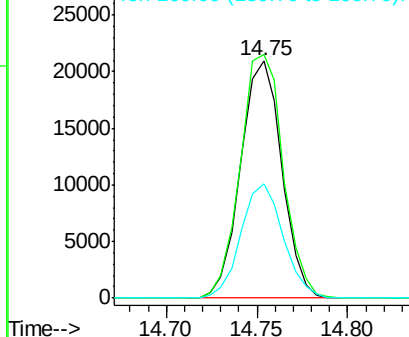


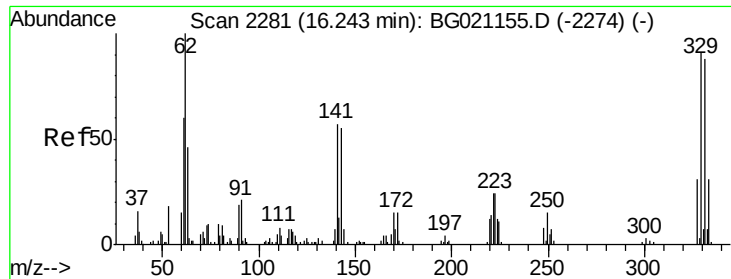
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG021231.D
 Acq: 3 Mar 2016 3:32

Tgt Ion: 164 Resp: 33083
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.6 120.8
 160 48.1 36.5 54.7



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

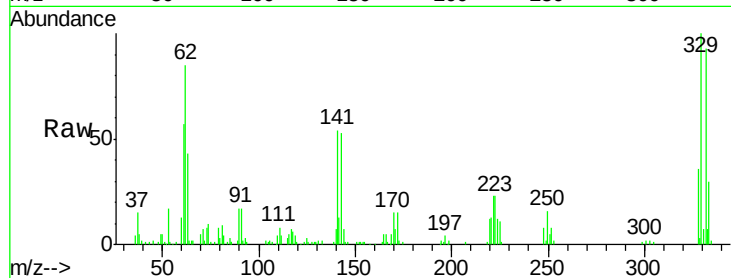




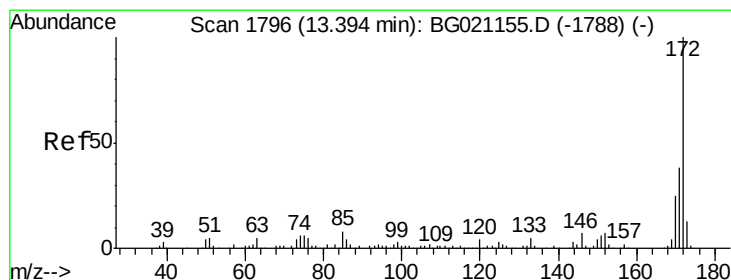
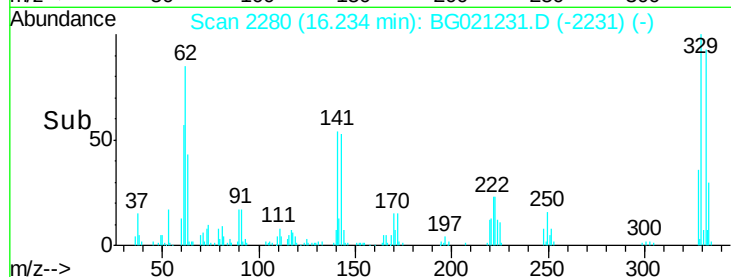
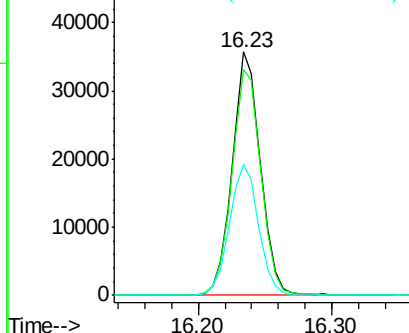
#41
 2,4,6-Tribromophenol
 Concen: 152.28 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG021231.D
 Acq: 3 Mar 2016 3:32

Instrument :
 BNA_G
 ClientSampleId :
 FLOOR-2

Tot Ion:330 Resp: 52417
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.0
 141 55.4 35.3 52.9#

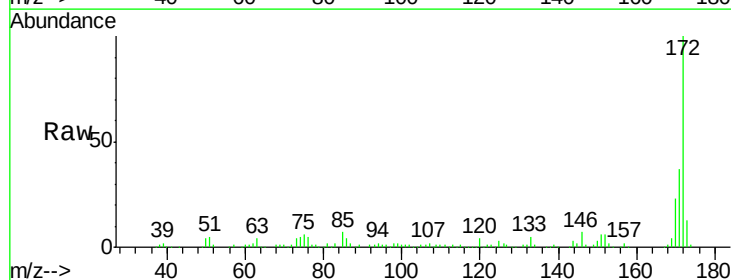


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

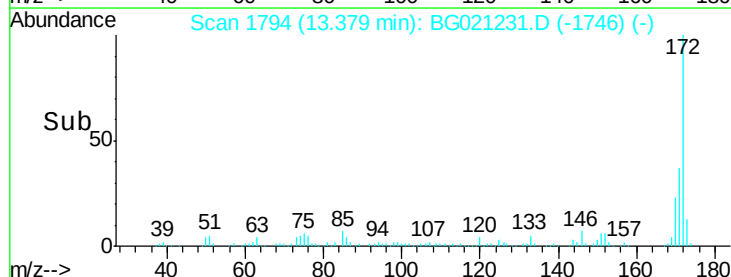
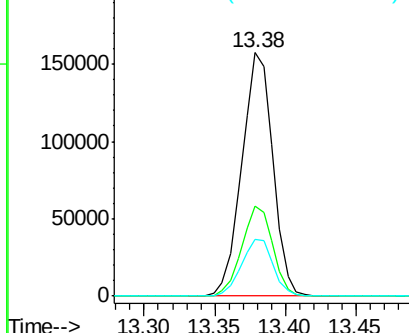


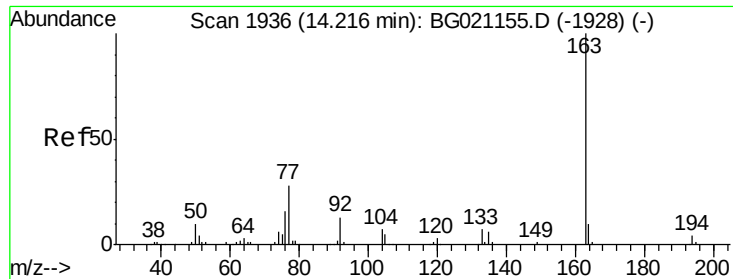
#44
 2-Fluorobiphenyl
 Concen: 104.01 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG021231.D
 Acq: 3 Mar 2016 3:32

Tgt Ion:172 Resp: 242328
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 23.5 19.8 29.8



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: 16.61 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.02 min

Lab File: BG021231.D

Acq: 3 Mar 2016 3:32

Instrument :

BNA_G

ClientSampleId :

FLOOR-2

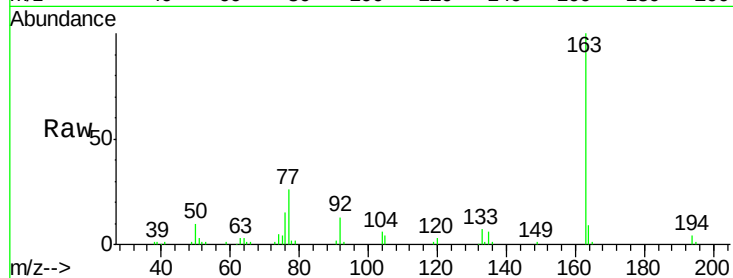
Tot Ion:163 Resp: 48976

Ion Ratio Lower Upper

163 100

194 4.2 2.8 4.2#

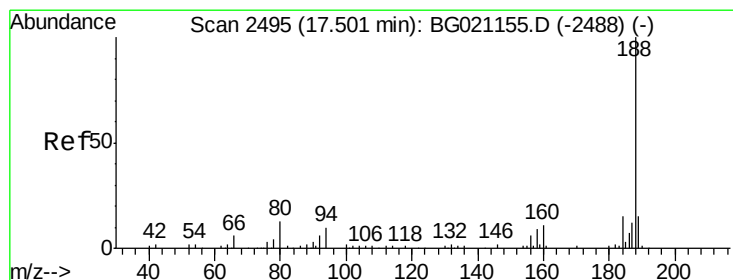
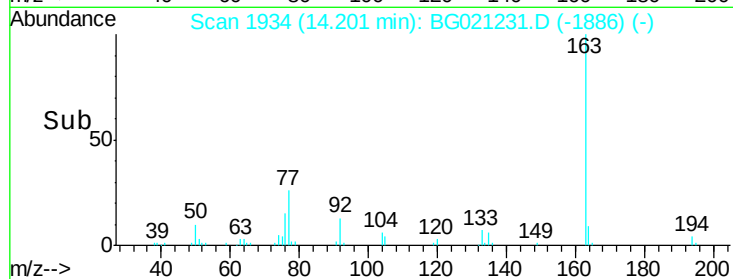
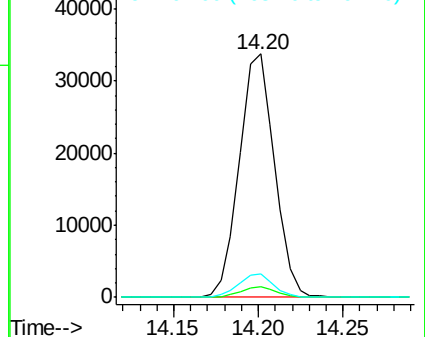
164 9.4 7.9 11.9



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: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG021231.D

Acq: 3 Mar 2016 3:32

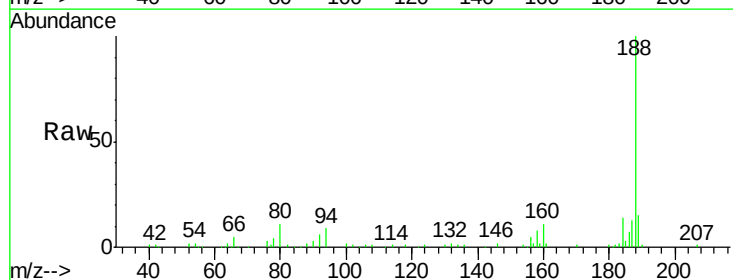
Tgt Ion:188 Resp: 69792

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

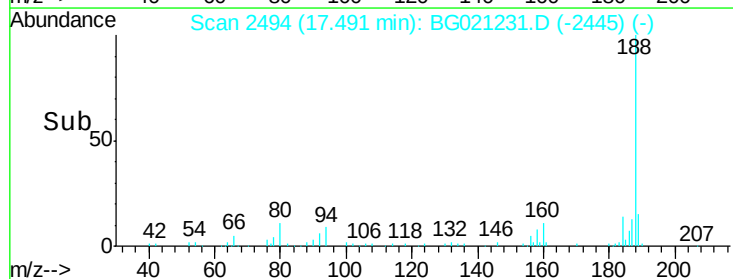
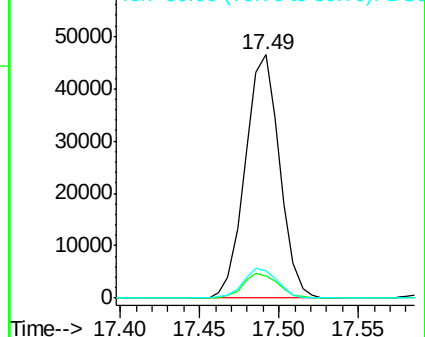
80 11.3 9.2 13.8

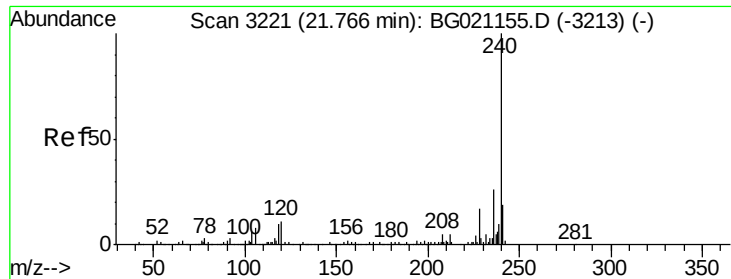


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

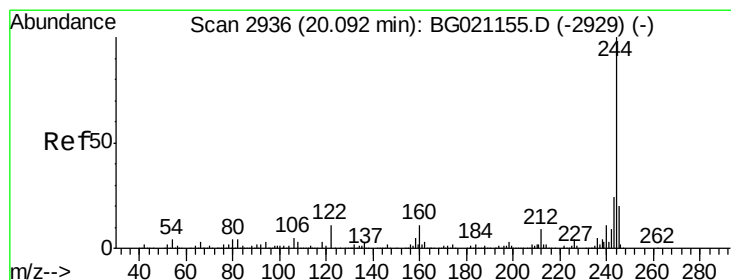
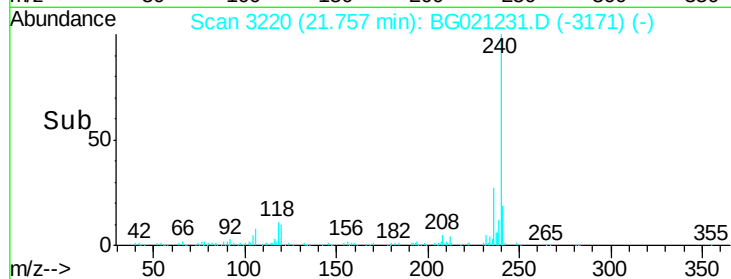
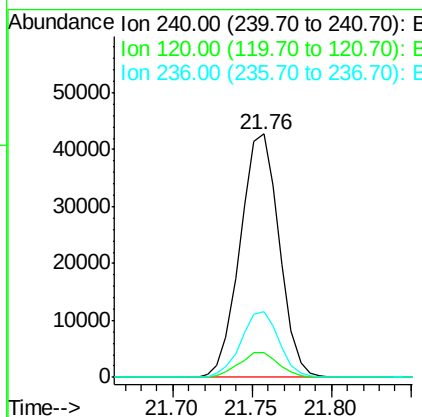
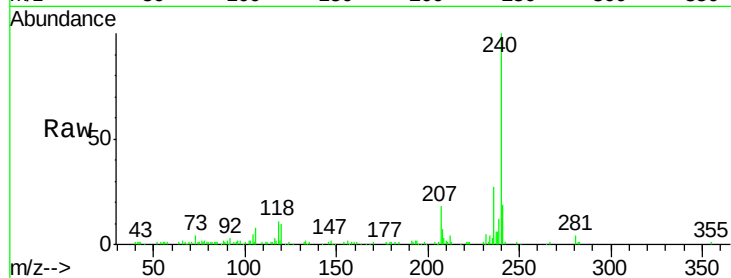




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.01 min
 Lab File: BG021231.D
 Acq: 3 Mar 2016 3:32

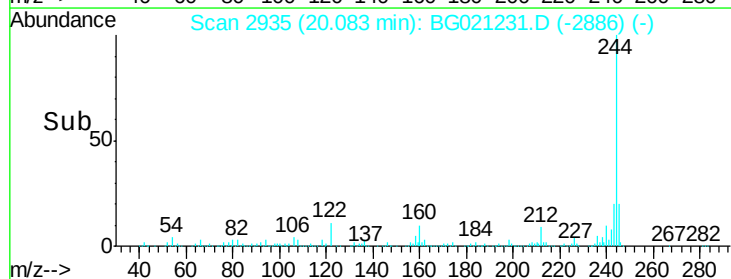
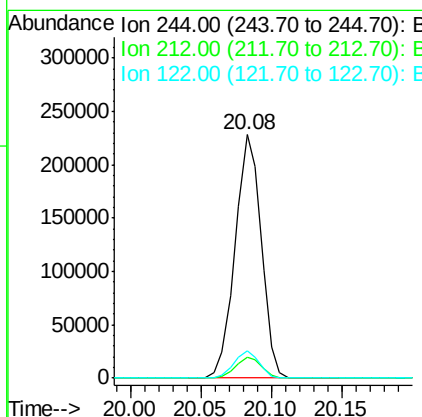
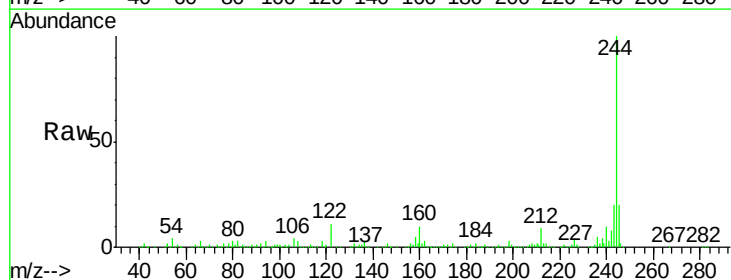
Instrument :
 BNA_G
 ClientSampled :
 FLOOR-2

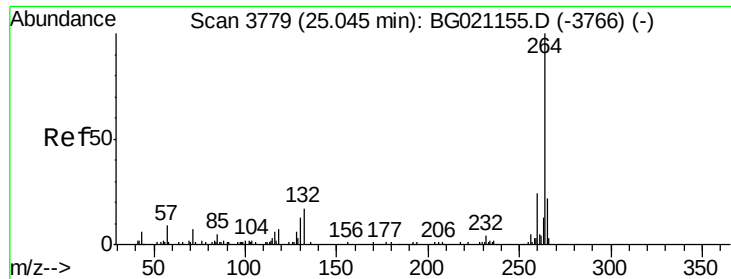
Tot Ion:240 Resp: 73044
 Ion Ratio Lower Upper
 240 100
 120 10.3 7.5 11.3
 236 26.9 20.5 30.7



#78
 Terphenyl-d14
 Concen: 97.23 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.01 min
 Lab File: BG021231.D
 Acq: 3 Mar 2016 3:32

Tgt Ion:244 Resp: 293167
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.6#
 122 11.0 8.3 12.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG021231.D
Acq: 3 Mar 2016 3:32

Instrument :
BNA_G
ClientSampleId :
FLOOR-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.5	27.7
265	22.2	18.6	28.0

