

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021233.D
 Acq On : 3 Mar 2016 4:51
 Operator : UM/SJ
 Sample : H1640-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-1

Quant Time: Mar 03 07:07:02 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

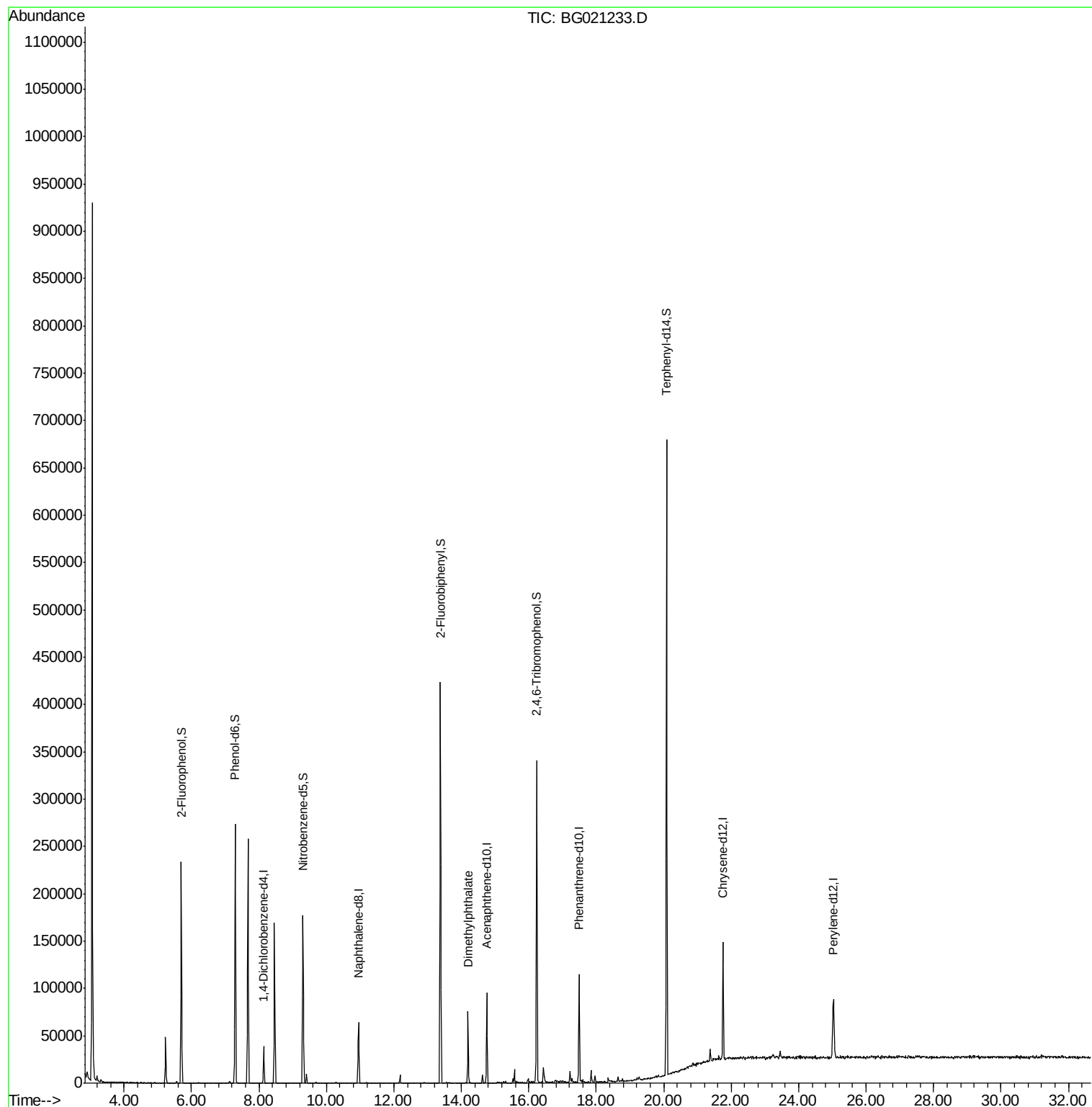
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10109	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	51800	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	31187	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	65247	20.00	ng	0.00
75) Chrysene-d12	21.76	240	67844	20.00	ng	0.00
86) Perylene-d12	25.03	264	63698	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	92324	145.19	ng	0.00
7) Phenol-d6	7.30	99	154683	147.94	ng	0.00
23) Nitrobenzene-d5	9.31	82	112351	91.78	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	46048	141.91	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	200523	91.30	ng	-0.01
78) Terphenyl-d14	20.08	244	256615	91.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.20	163	45729	16.45	ng	Qvalue # 97

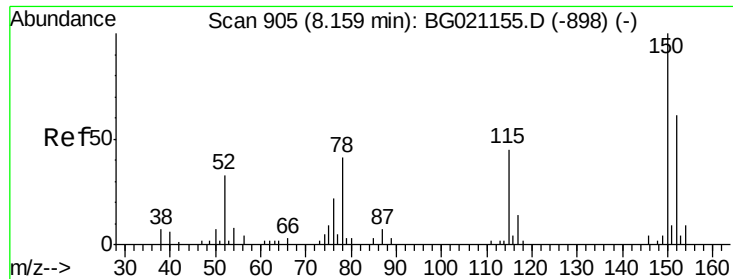
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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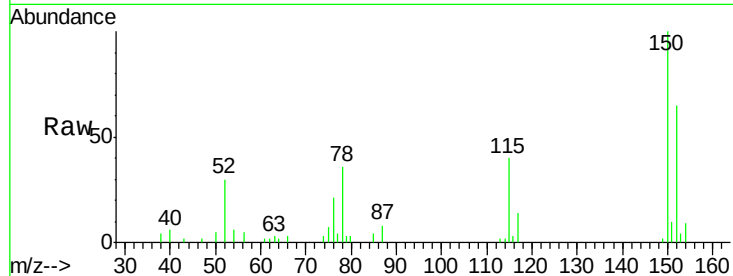


#1

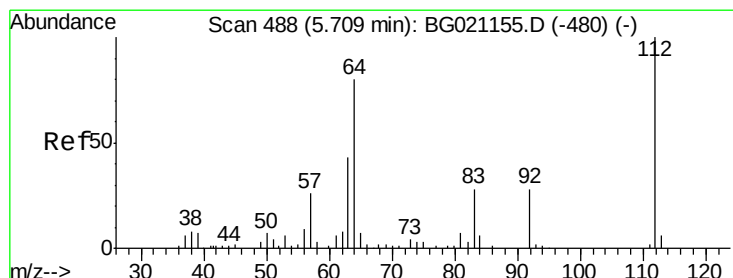
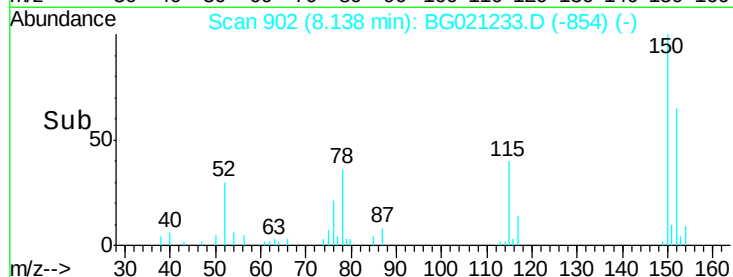
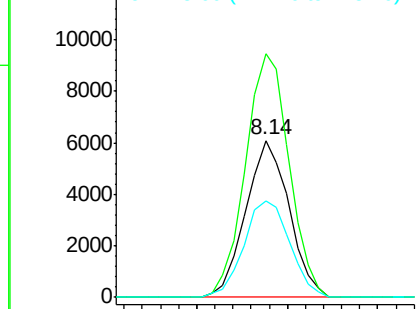
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG021233.D
Acq: 3 Mar 2016 4:51

Instrument :
BNA_G
ClientSampled :
SOUTH-1

Tot Ion:152 Resp: 10109
Ion Ratio Lower Upper
152 100
150 155.0 123.4 185.2
115 61.7 43.3 64.9



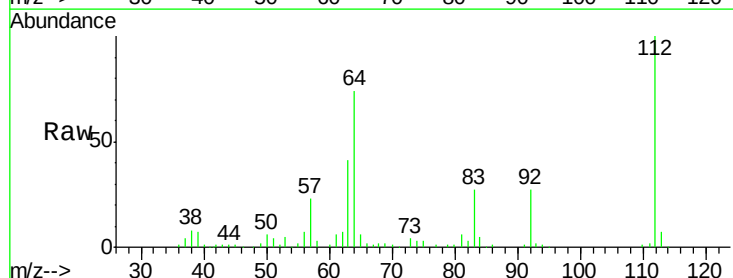
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



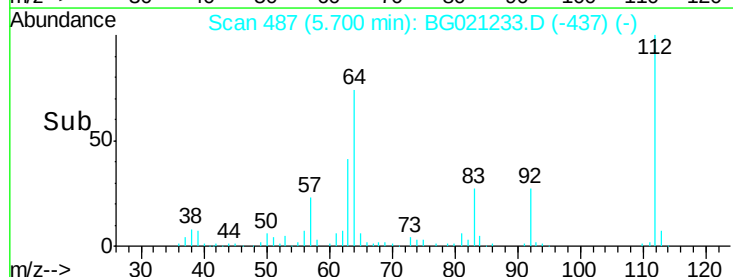
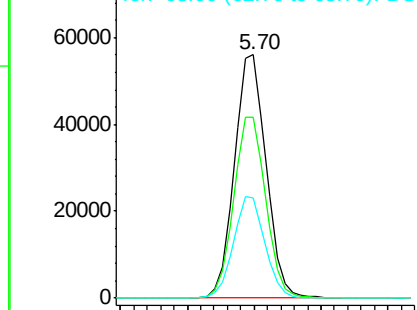
#5

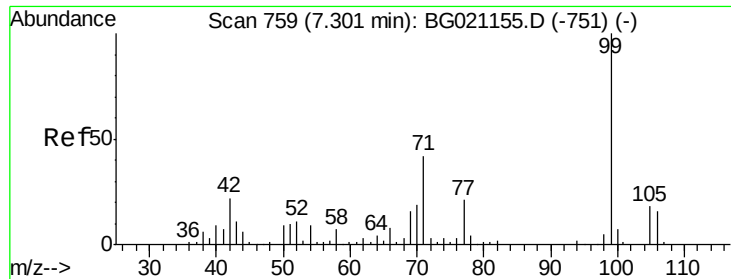
2-Fluorophenol
Concen: 145.19 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG021233.D
Acq: 3 Mar 2016 4:51

Tgt Ion:112 Resp: 92324
Ion Ratio Lower Upper
112 100
64 74.1 42.6 63.8#
63 41.4 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: 147.94 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021233.D

Acq: 3 Mar 2016 4:51

Instrument :

BNA_G

ClientSampleId :

SOUTH-1

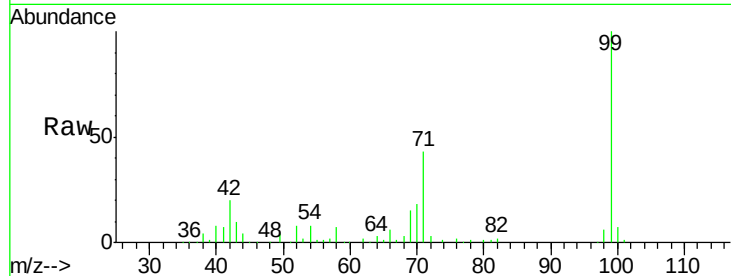
Tot Ion: 99 Resp: 154683

Ion Ratio Lower Upper

99 100

42 19.8 13.2 19.8#

71 43.2 25.2 37.8#

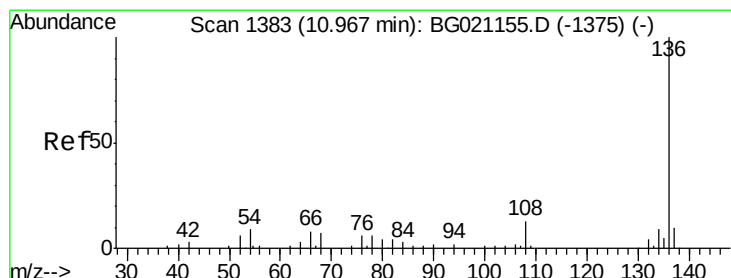
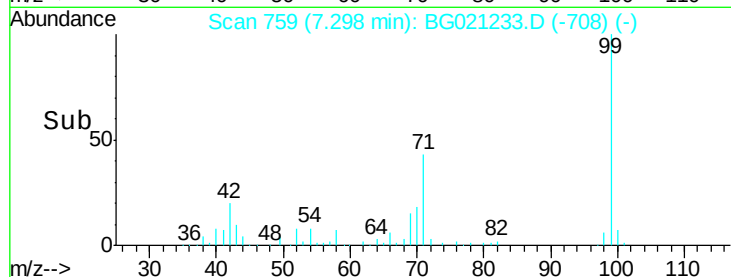
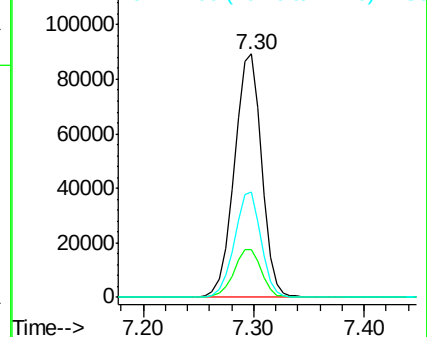


Abundance

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. -0.01 min

Lab File: BG021233.D

Acq: 3 Mar 2016 4:51

Tgt Ion: 136 Resp: 51800

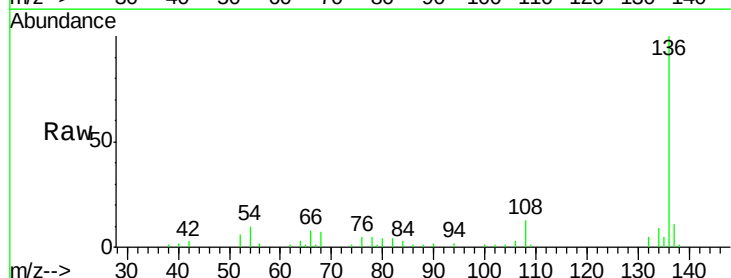
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.7 6.9 10.3

68 6.8 5.8 8.6



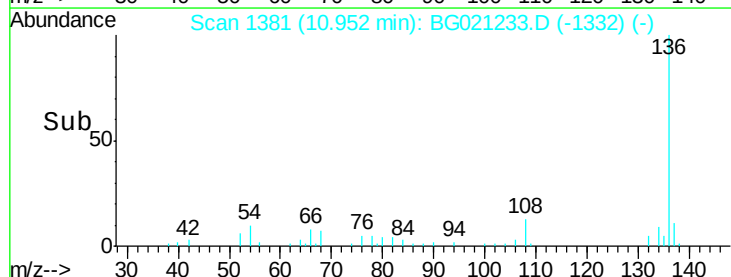
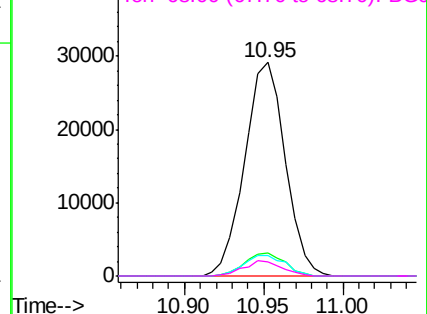
Abundance

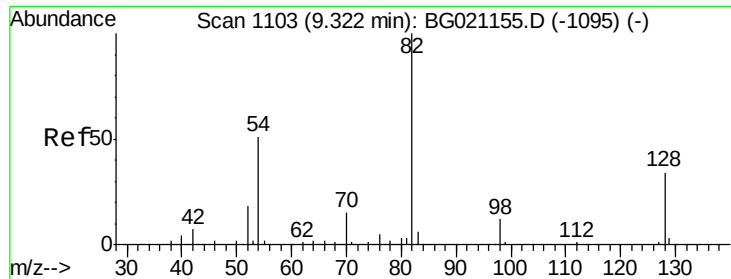
Ion 136.00 (135.70 to 136.70): BGC

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

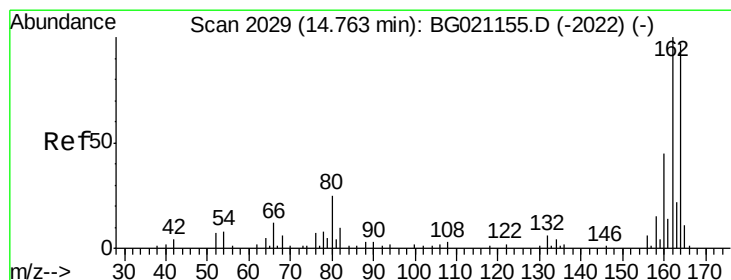
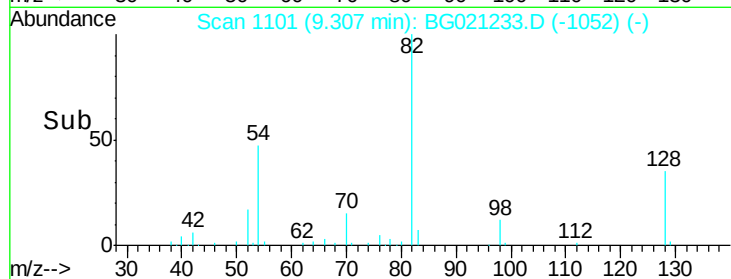
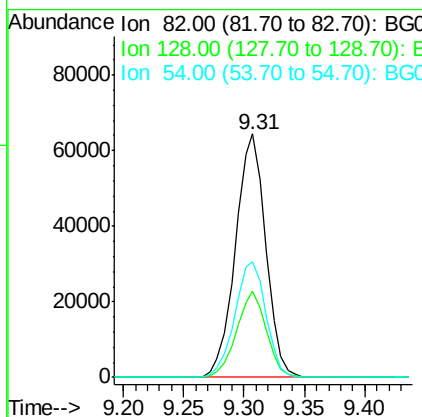
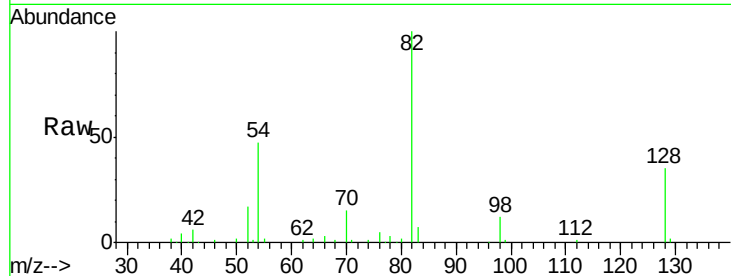




#23
 Nitrobenzene-d5
 Concen: 91.78 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BG021233.D
 Acq: 3 Mar 2016 4:51

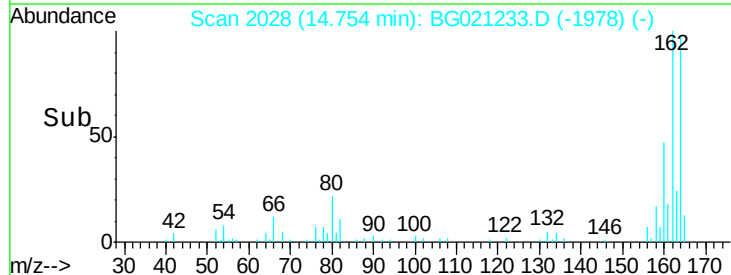
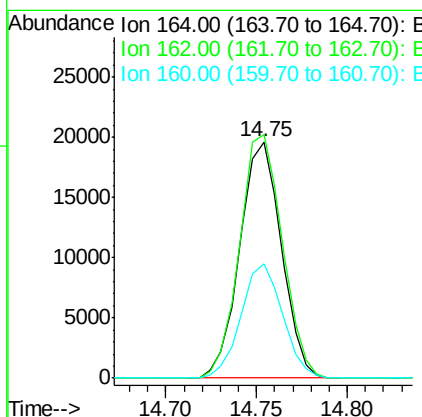
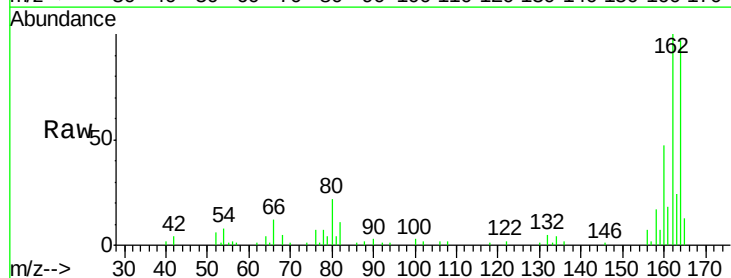
Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-1

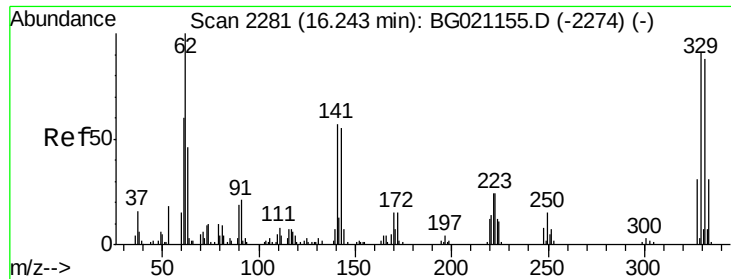
Tot Ion: 82 Resp: 112351
 Ion Ratio Lower Upper
 82 100
 128 35.4 36.3 54.5#
 54 47.4 37.6 56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BG021233.D
 Acq: 3 Mar 2016 4:51

Tgt Ion:164 Resp: 31187
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.6 120.8
 160 48.5 36.5 54.7

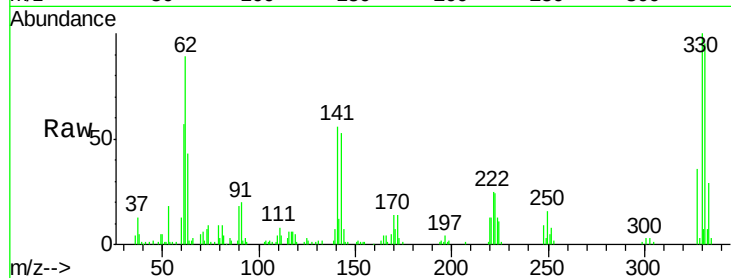




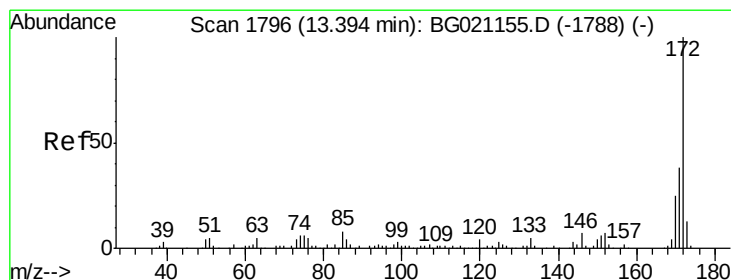
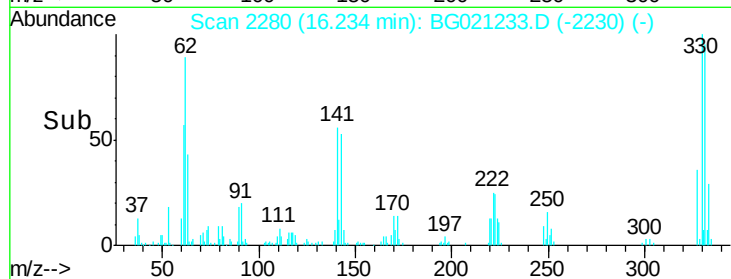
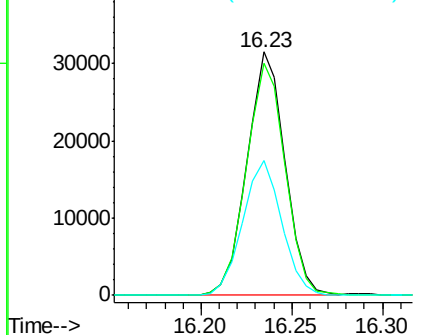
#41
 2,4,6-Tribromophenol
 Concen: 141.91 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG021233.D
 Acq: 3 Mar 2016 4:51

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-1

Tot Ion:330 Resp: 46048
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.0
 141 56.8 35.3 52.9#

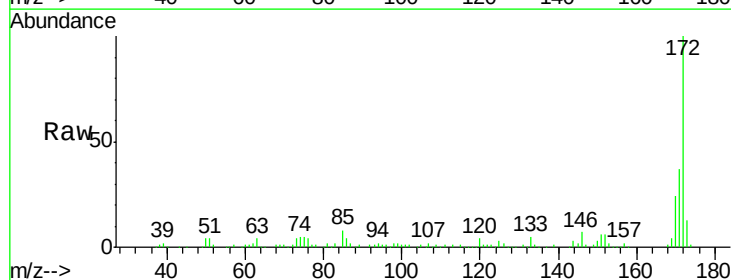


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

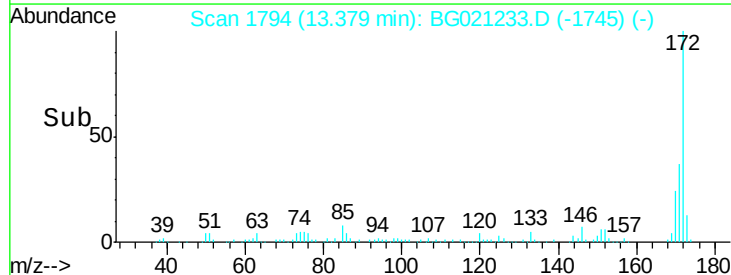
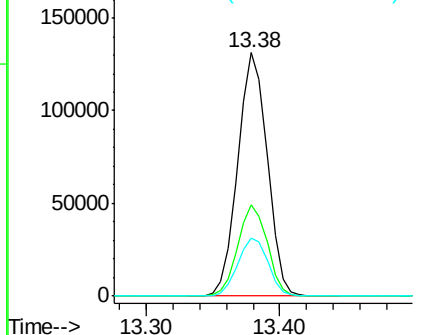


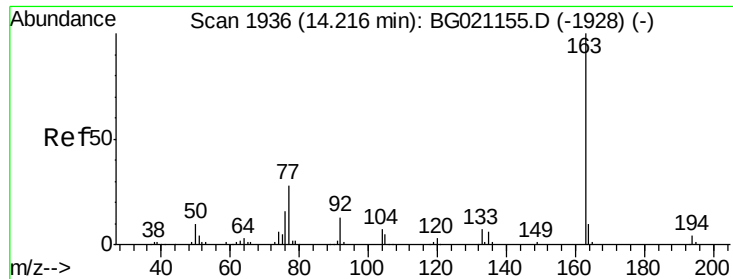
#44
 2-Fluorobiphenyl
 Concen: 91.30 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG021233.D
 Acq: 3 Mar 2016 4:51

Tgt Ion:172 Resp: 200523
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 23.8 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: 16.45 ng

RT: 14.20 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG021233.D

Acq: 3 Mar 2016 4:51

Instrument :

BNA_G

ClientSampleId :

SOUTH-1

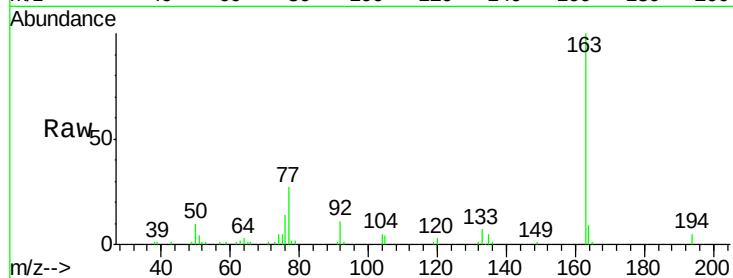
Tot Ion:163 Resp: 45729

Ion Ratio Lower Upper

163 100

194 4.7 2.8 4.2#

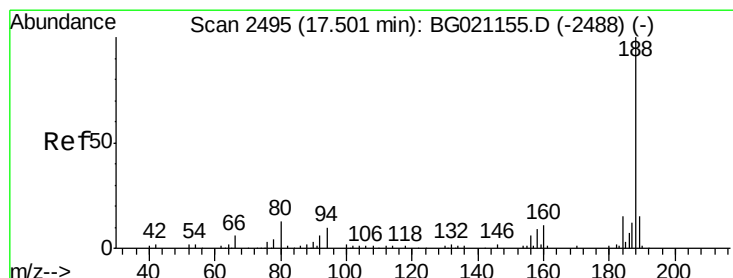
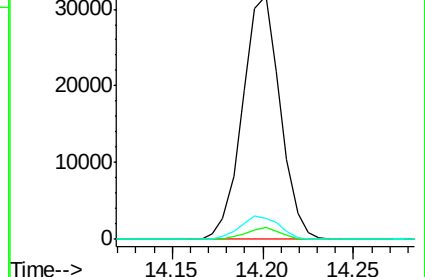
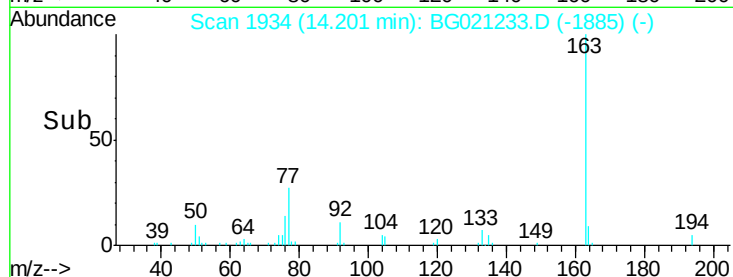
164 8.8 7.9 11.9



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: BG021233.D

Acq: 3 Mar 2016 4:51

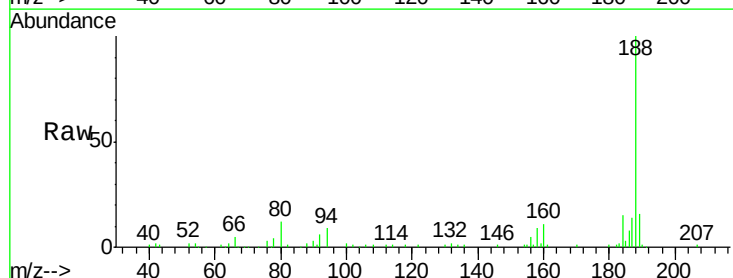
Tgt Ion:188 Resp: 65247

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

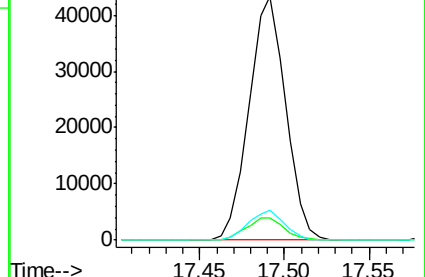
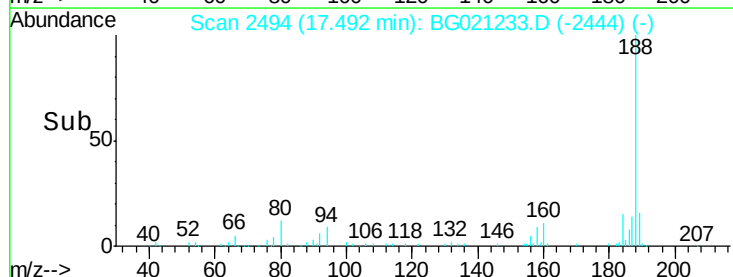
80 12.5 9.2 13.8

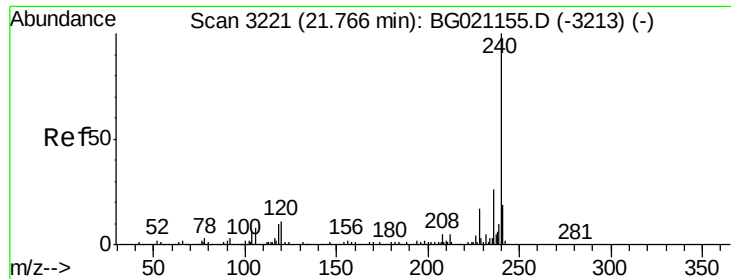


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

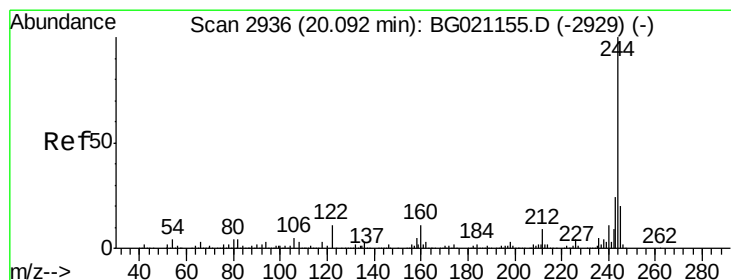
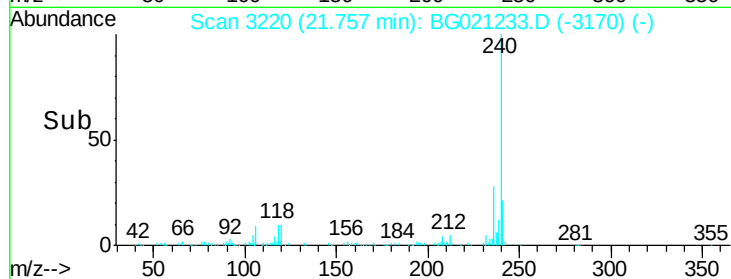
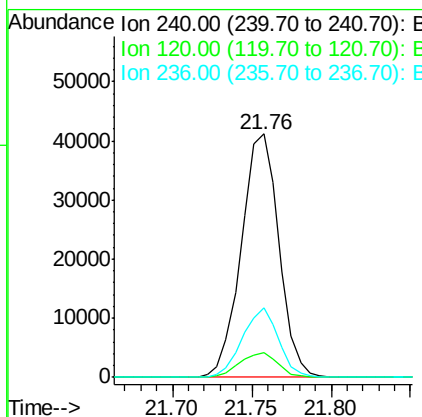
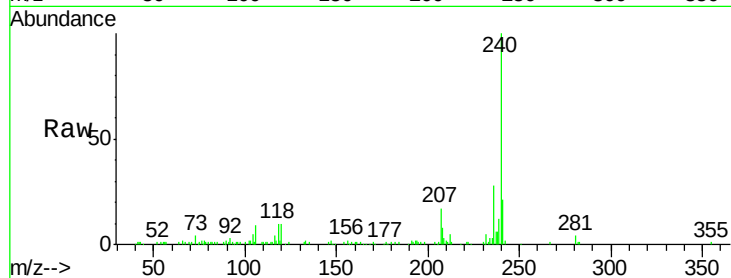




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.01 min
 Lab File: BG021233.D
 Acq: 3 Mar 2016 4:51

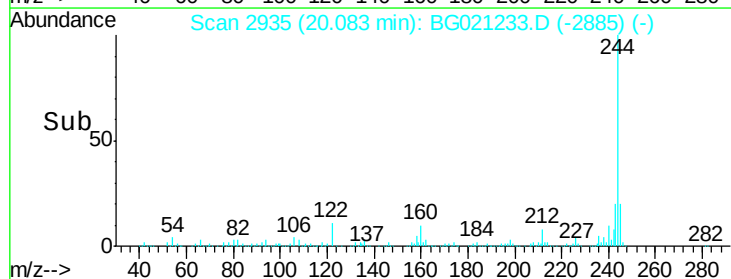
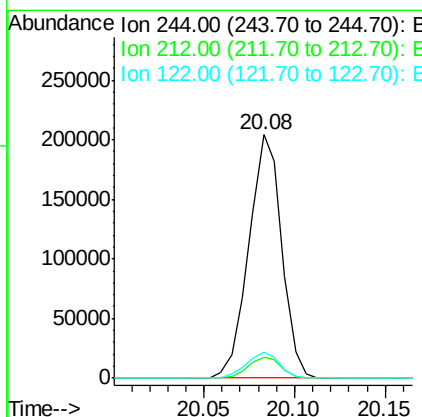
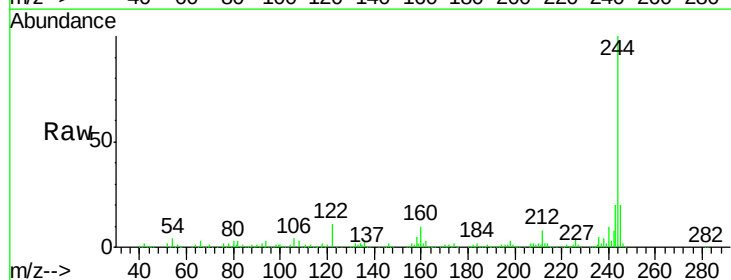
Instrument :
 BNA_G
 ClientSampled :
 SOUTH-1

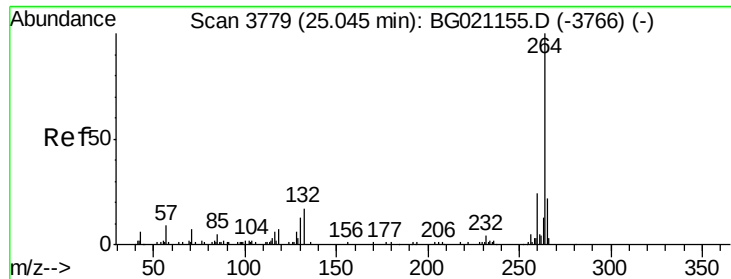
Tot Ion:240 Resp: 67844
 Ion Ratio Lower Upper
 240 100
 120 10.2 7.5 11.3
 236 28.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 91.63 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.01 min
 Lab File: BG021233.D
 Acq: 3 Mar 2016 4:51

Tgt Ion:244 Resp: 256615
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.6
 122 10.8 8.3 12.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BG021233.D
Acq: 3 Mar 2016 4:51

Instrument :
BNA_G
ClientSampleId :
SOUTH-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.0	18.6	28.0

