

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021228.D
 Acq On : 3 Mar 2016 1:35
 Operator : UM/SJ
 Sample : H1640-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NORTH-1

Quant Time: Mar 03 05:46:05 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

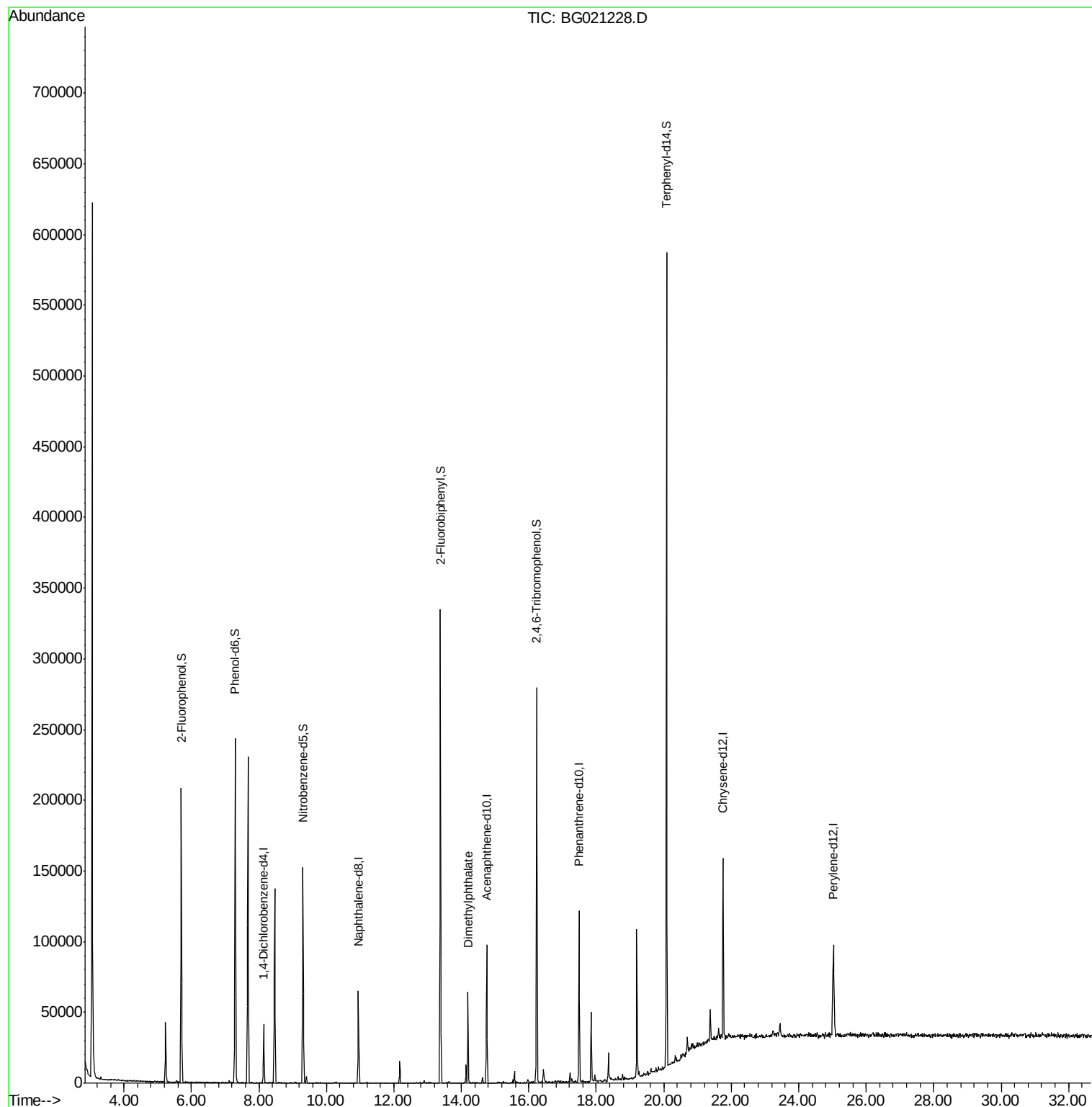
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10296	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	53221	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	31571	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	67749	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	70385	20.00	ng	-0.01
86) Perylene-d12	25.03	264	66507	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	82168	126.87	ng	-0.01
7) Phenol-d6	7.29	99	137757	129.35	ng	0.00
23) Nitrobenzene-d5	9.30	82	97870	77.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	40436	123.10	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	157073	70.65	ng	-0.02
78) Terphenyl-d14	20.08	244	229261	78.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.20	163	37587	13.36	ng	Qvalue 98

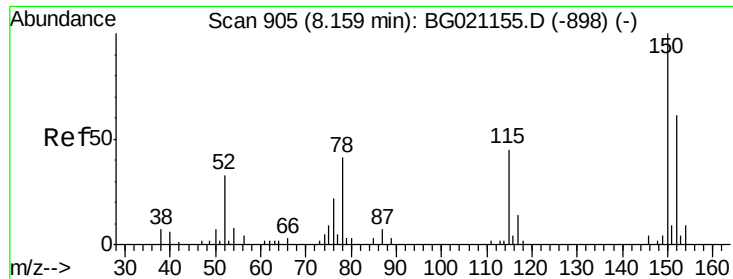
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 02 11:46:16 2016
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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: BG021228.D

Acq: 3 Mar 2016 1:35

Instrument :

BNA_G

ClientSampleId :

NORTH-1

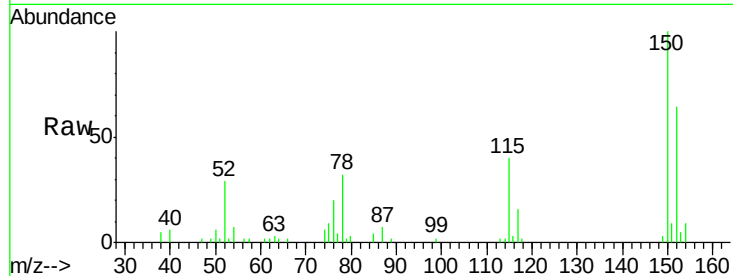
Tot Ion:152 Resp: 10296

Ion Ratio Lower Upper

152 100

150 156.0 123.4 185.2

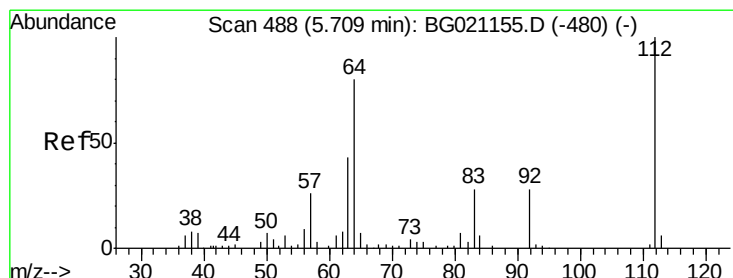
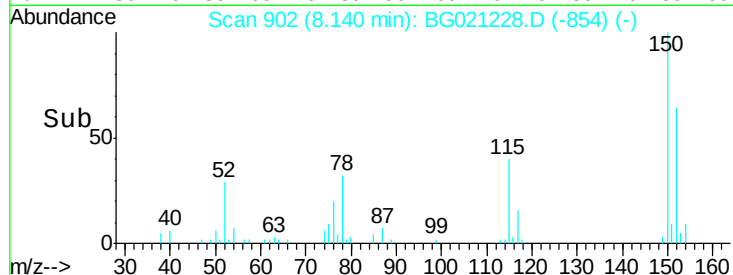
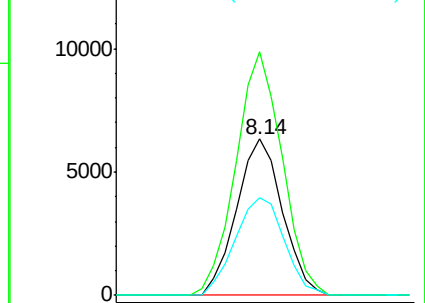
115 62.3 43.3 64.9



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: 126.87 ng

RT: 5.70 min Scan# 486

Delta R.T. -0.01 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

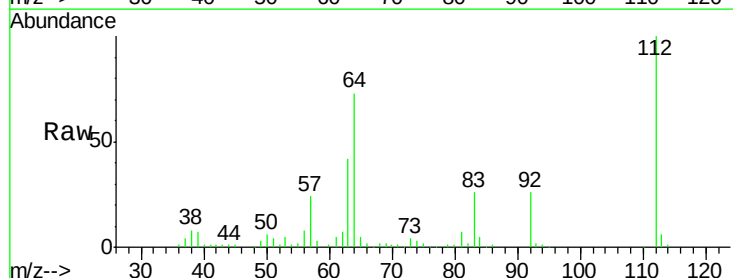
Tgt Ion:112 Resp: 82168

Ion Ratio Lower Upper

112 100

64 72.9 42.6 63.8#

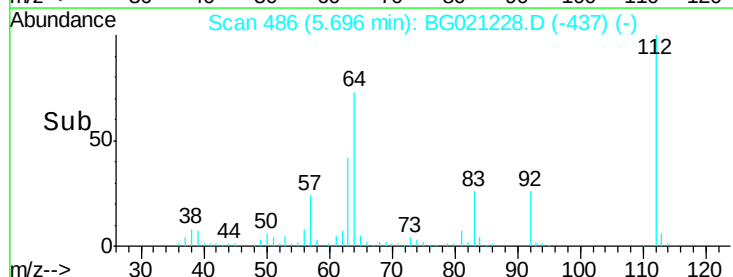
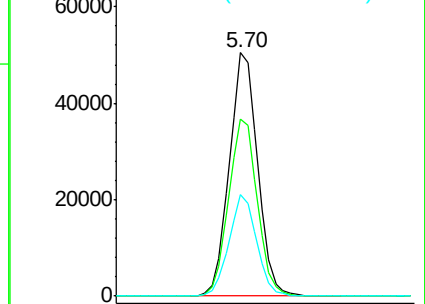
63 41.6 21.7 32.5#

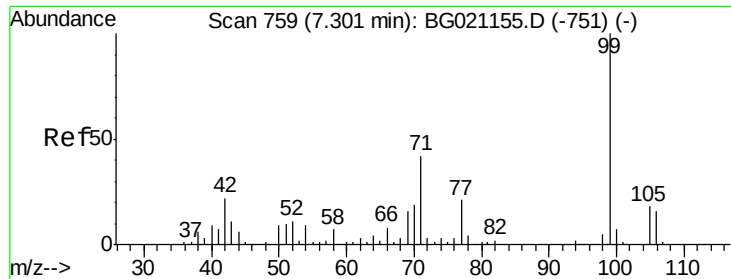


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.35 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

Instrument :

BNA_G

ClientSampled :

NORTH-1

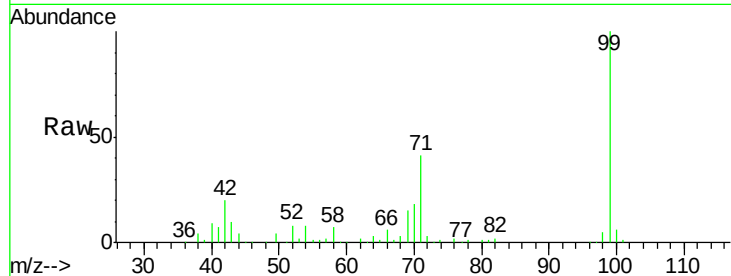
Tot Ion: 99 Resp: 137757

Ion Ratio Lower Upper

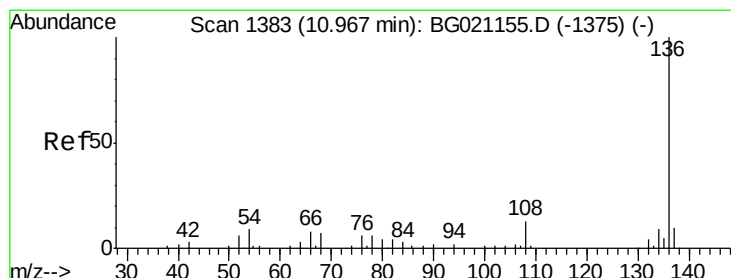
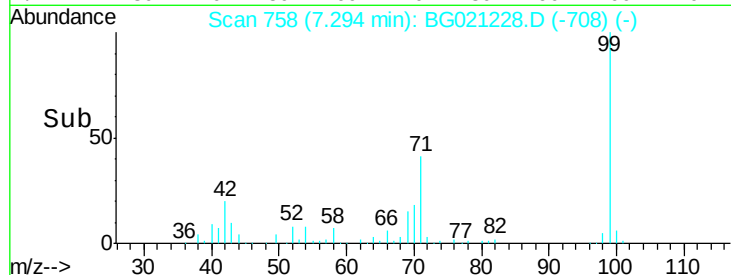
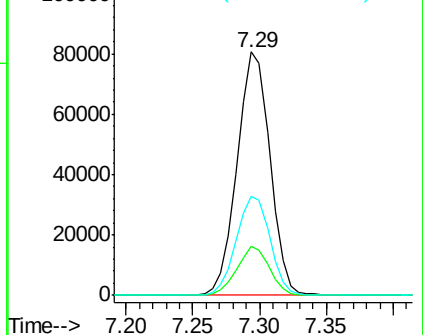
99 100

42 20.0 13.2 19.8#

71 40.9 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# 1380

Delta R.T. -0.02 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

Tgt Ion: 136 Resp: 53221

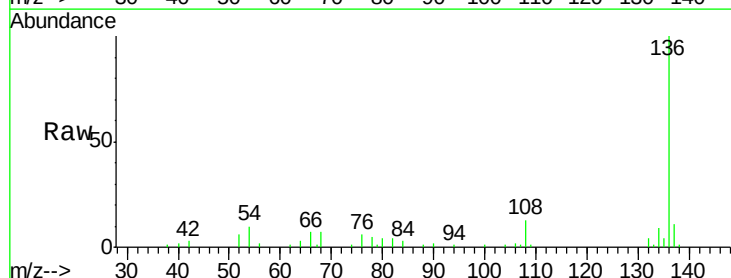
Ion Ratio Lower Upper

136 100

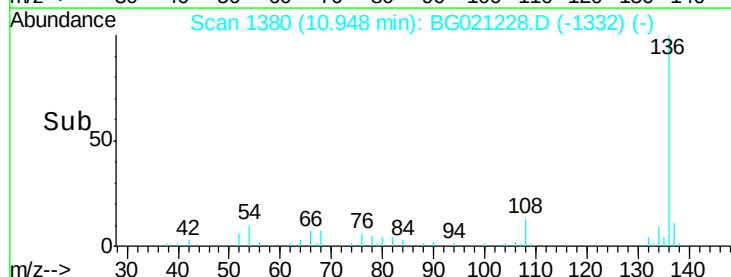
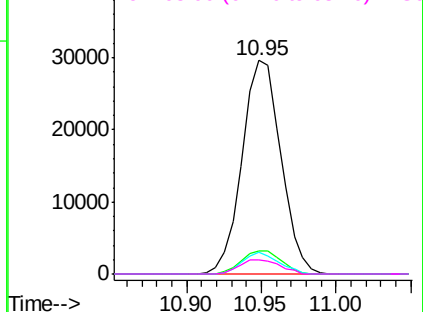
137 10.9 8.8 13.2

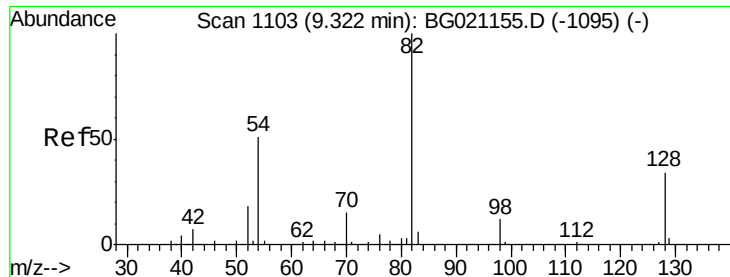
54 10.1 6.9 10.3

68 6.9 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

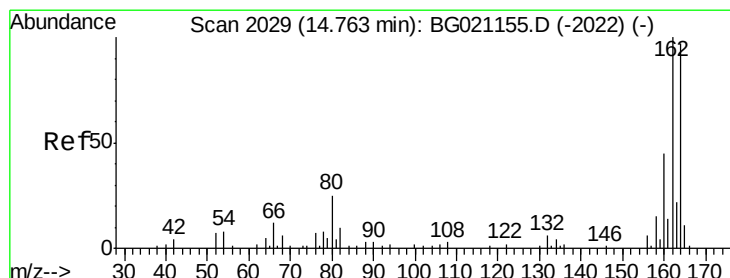
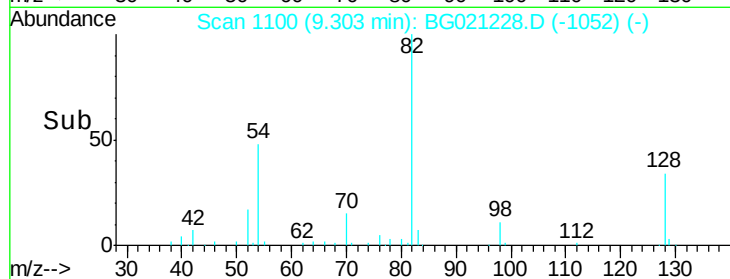
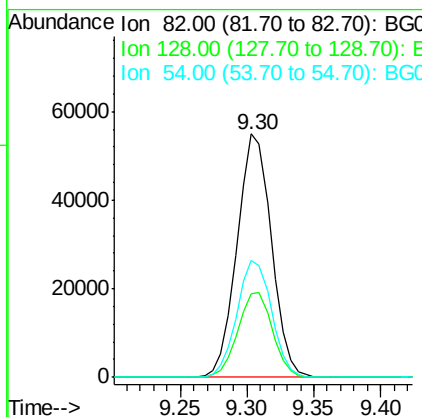
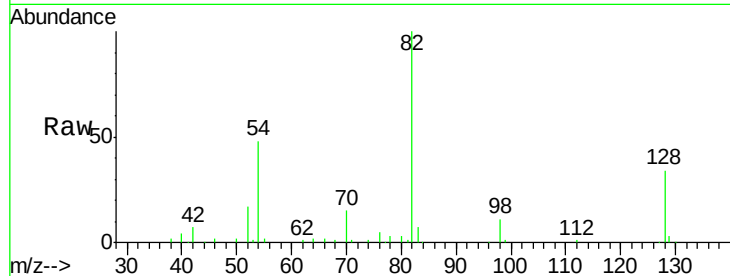




#23
 Nitrobenzene-d5
 Concen: 77.81 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BG021228.D
 Acq: 3 Mar 2016 1:35

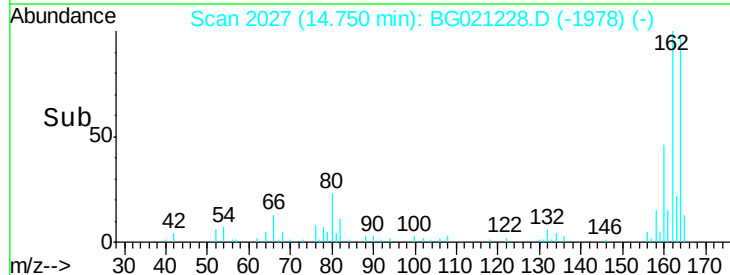
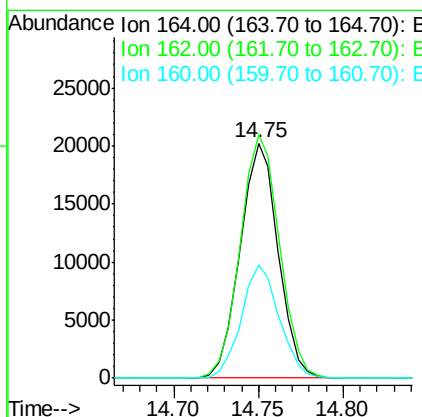
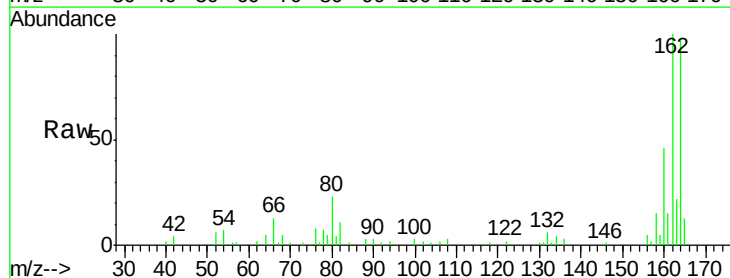
Instrument :
 BNA_G
 ClientSampled :
 NORTH-1

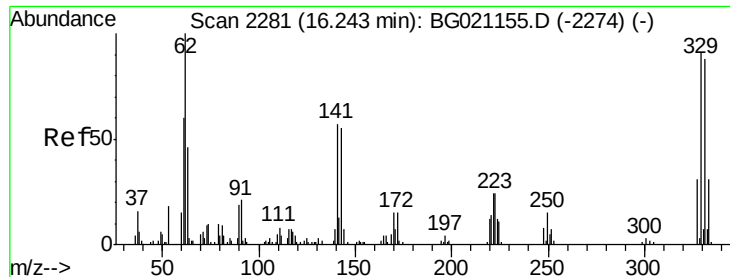
Tot Ion: 82 Resp: 97870
 Ion Ratio Lower Upper
 82 100
 128 34.2 36.3 54.5#
 54 48.3 37.6 56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BG021228.D
 Acq: 3 Mar 2016 1:35

Tgt Ion: 164 Resp: 31571
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.6 120.8
 160 48.1 36.5 54.7





#41

2,4,6-Tribromophenol

Concen: 123.10 ng

RT: 16.24 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

Instrument :

BNA_G

ClientSampleId :

NORTH-1

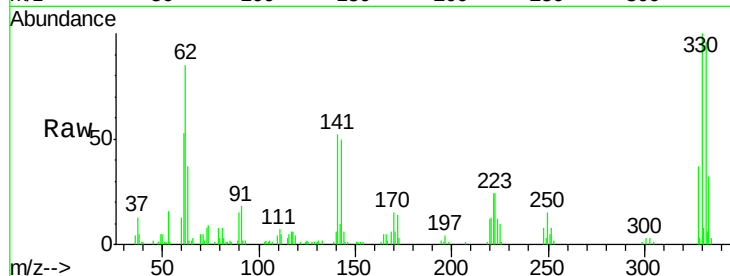
Tot Ion:330 Resp: 40436

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

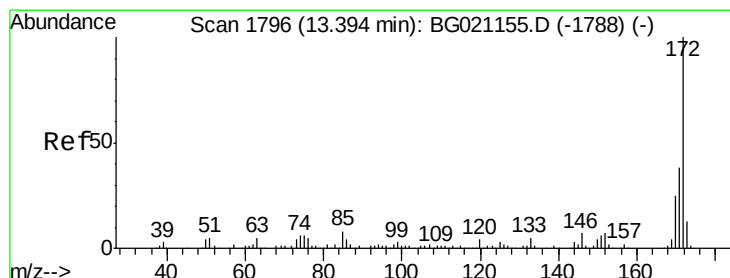
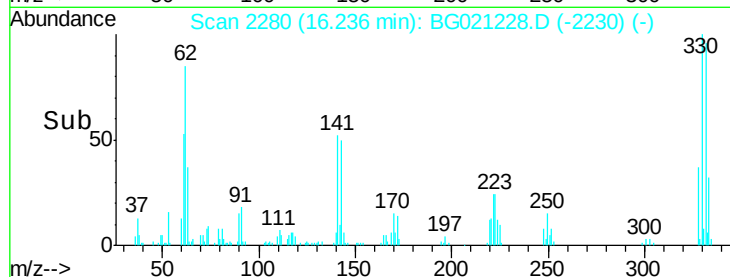
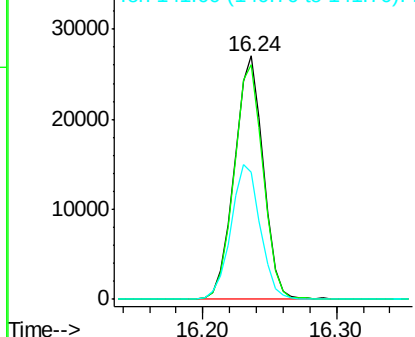
141 56.5 35.3 52.9#



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: 70.65 ng

RT: 13.38 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

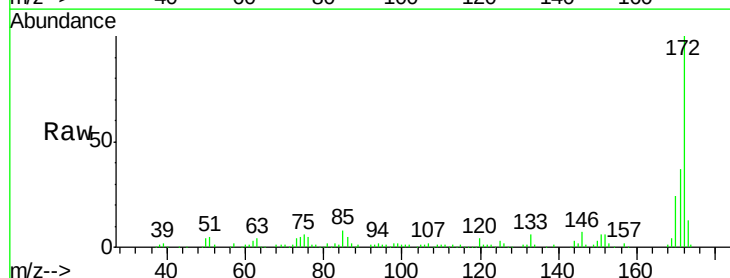
Tgt Ion:172 Resp: 157073

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

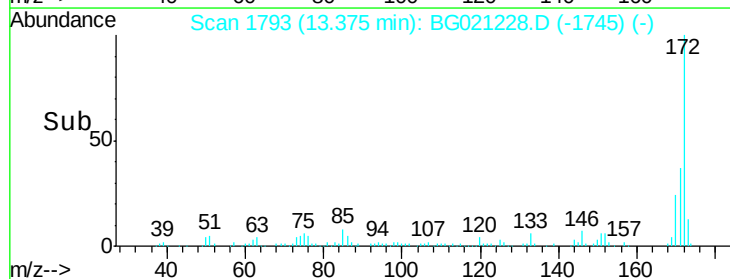
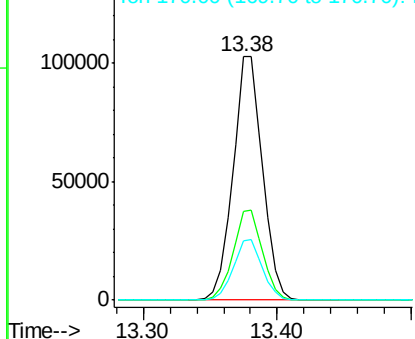
170 24.4 19.8 29.8

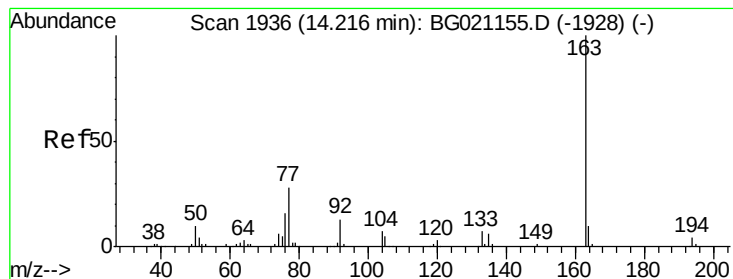


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 13.36 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

Instrument :

BNA_G

ClientSampleId :

NORTH-1

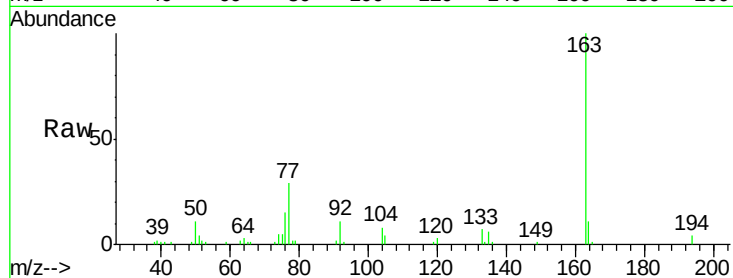
Tot Ion:163 Resp: 37587

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

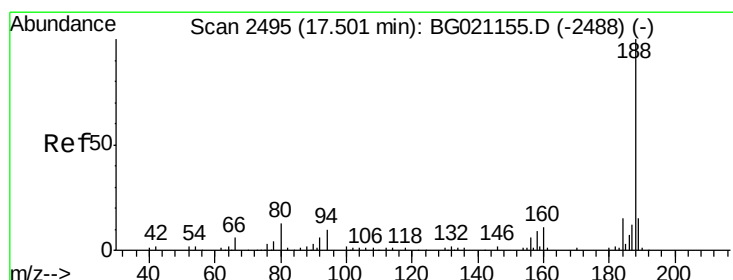
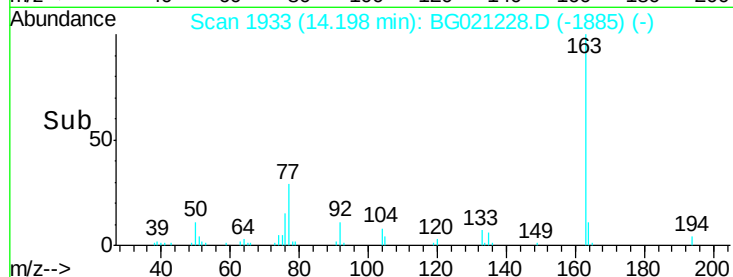
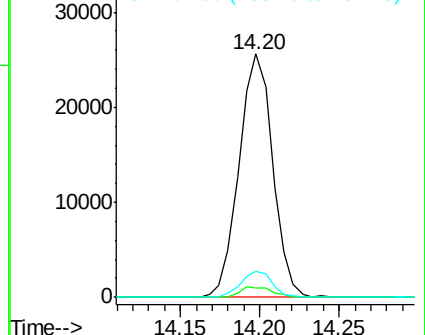
164 10.6 7.9 11.9



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# 2493

Delta R.T. -0.01 min

Lab File: BG021228.D

Acq: 3 Mar 2016 1:35

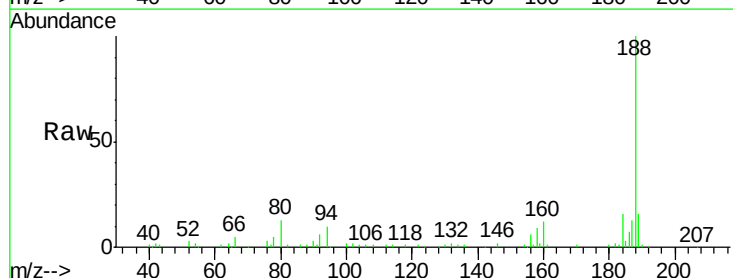
Tgt Ion:188 Resp: 67749

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

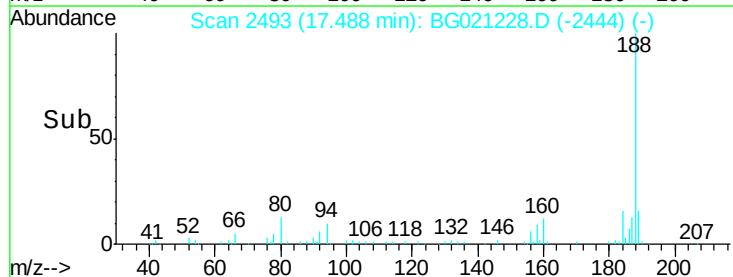
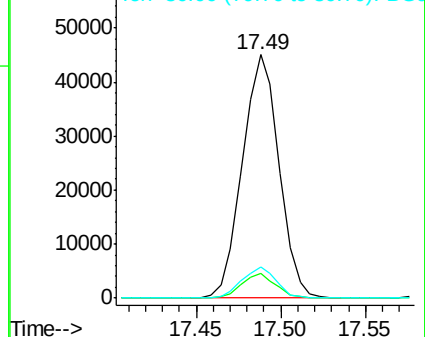
80 12.8 9.2 13.8

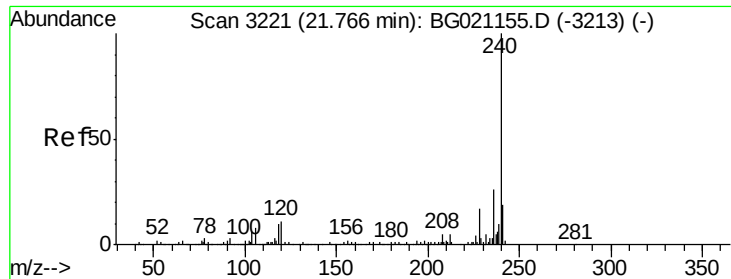


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

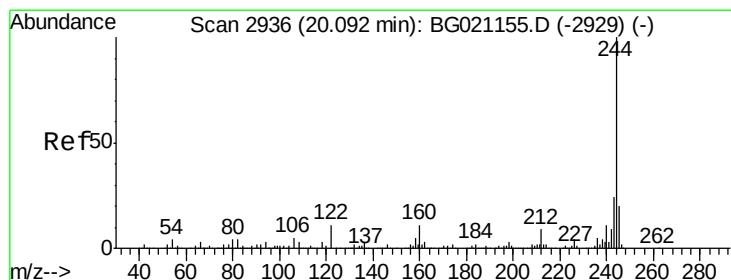
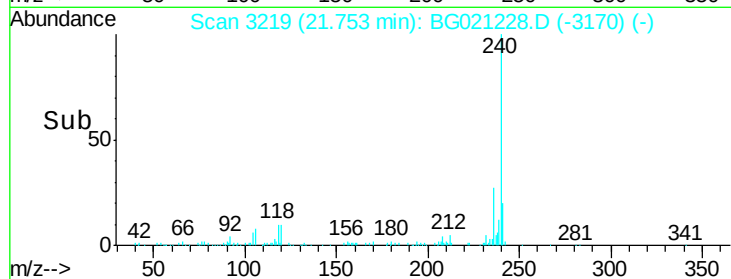
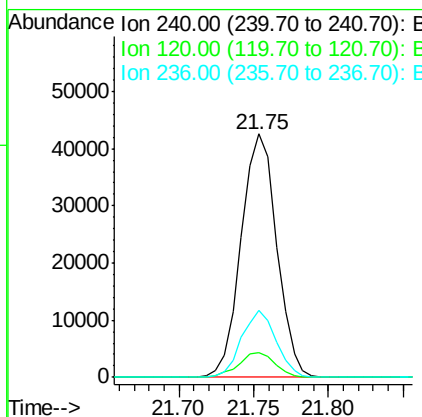
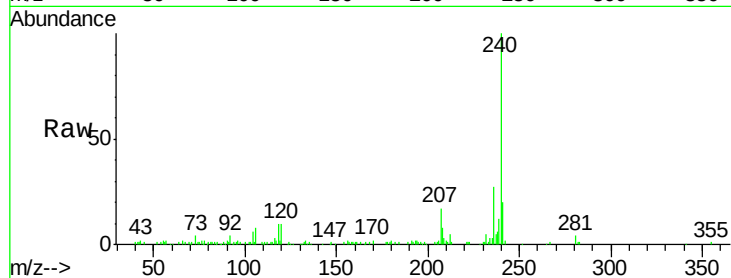




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.01 min
 Lab File: BG021228.D
 Acq: 3 Mar 2016 1:35

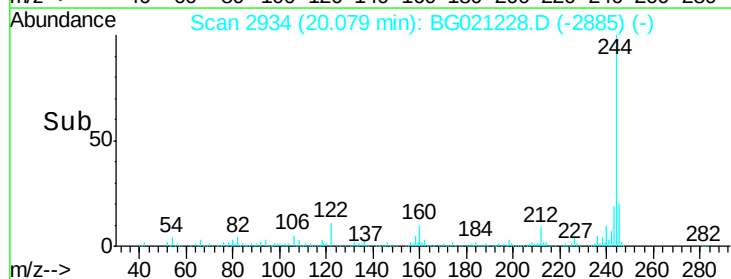
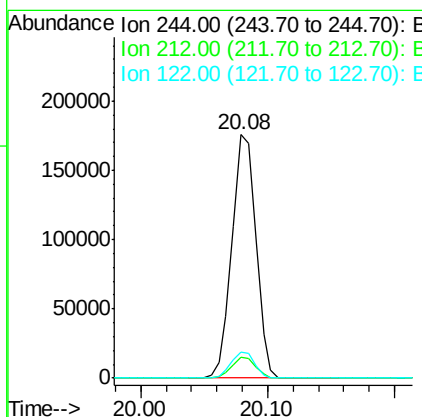
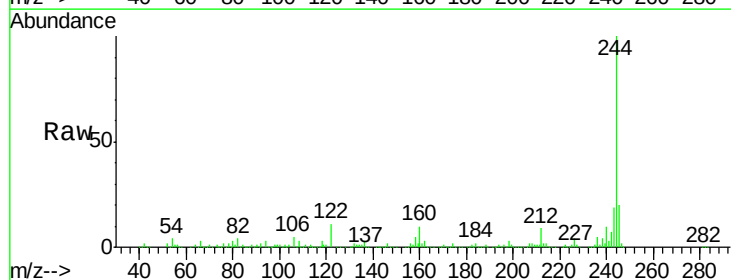
Instrument :
 BNA_G
 ClientSampled :
 NORTH-1

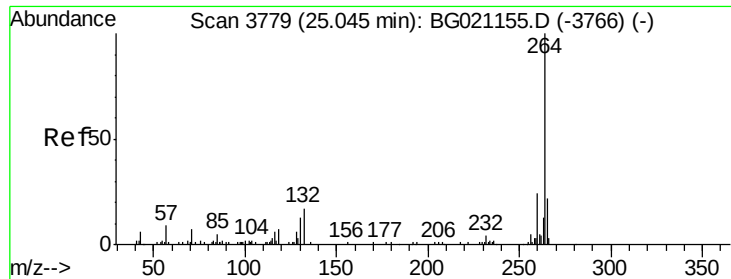
Tot Ion:240 Resp: 70385
 Ion Ratio Lower Upper
 240 100
 120 10.4 7.5 11.3
 236 27.3 20.5 30.7



#78
 Terphenyl-d14
 Concen: 78.91 ng
 RT: 20.08 min Scan# 2934
 Delta R.T. -0.01 min
 Lab File: BG021228.D
 Acq: 3 Mar 2016 1:35

Tgt Ion:244 Resp: 229261
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.8 8.6
 122 10.8 8.3 12.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3776
Delta R.T. -0.02 min
Lab File: BG021228.D
Acq: 3 Mar 2016 1:35

Instrument :
BNA_G
ClientSampleId :
NORTH-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	18.5	27.7
265	23.0	18.6	28.0

