

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021236.D
 Acq On : 3 Mar 2016 8:04
 Operator : UM/SJ
 Sample : H1640-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUPLICATE

Quant Time: Mar 03 10:22:14 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

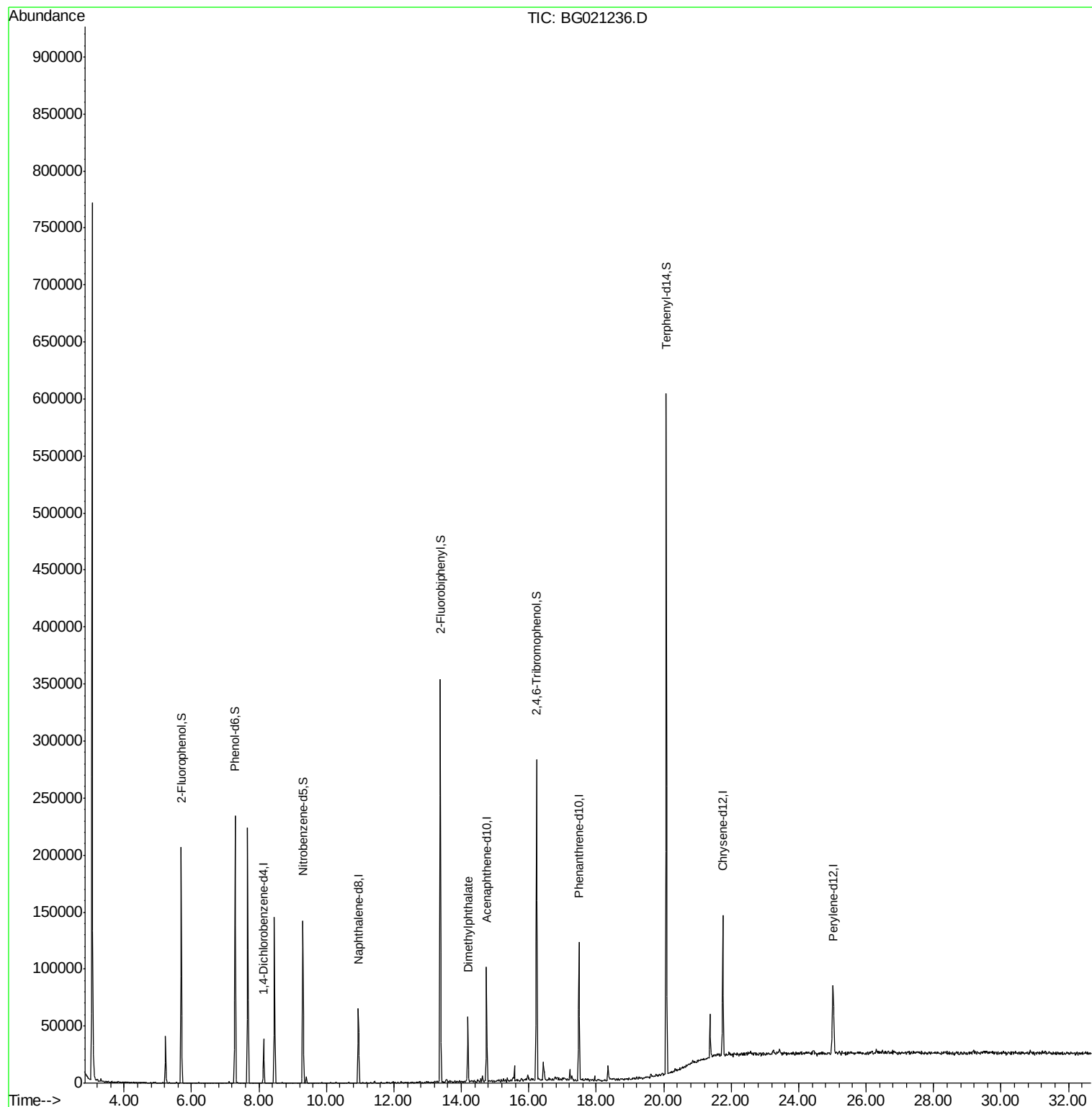
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10072	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	51860	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	30574	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	67126	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	69340	20.00	ng	-0.01
86) Perylene-d12	25.02	264	64663	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	77462	122.27	ng	-0.01
7) Phenol-d6	7.29	99	130369	125.14	ng	0.00
23) Nitrobenzene-d5	9.30	82	94180	76.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	38171	120.00	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	171852	79.82	ng	-0.02
78) Terphenyl-d14	20.08	244	228572	79.86	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.20	163	32980	12.10	ng	# 98

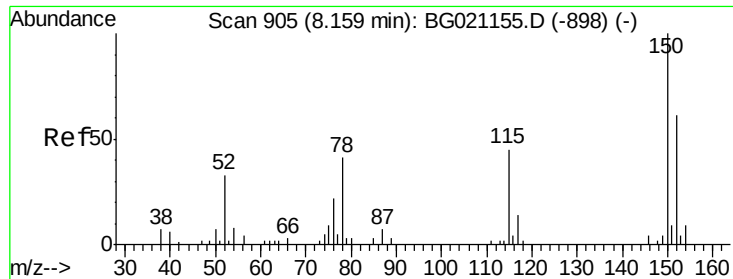
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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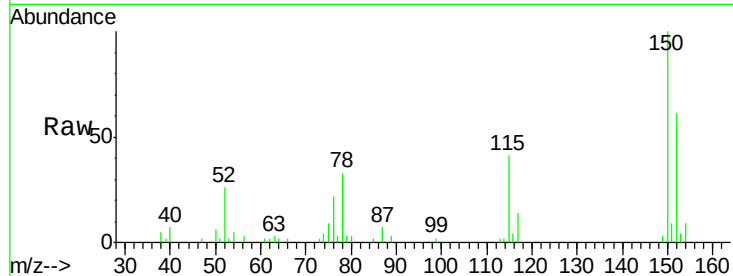


#1

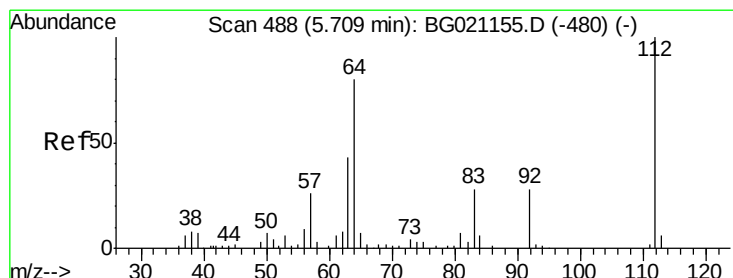
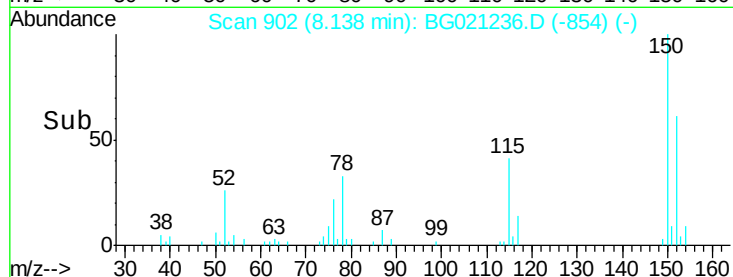
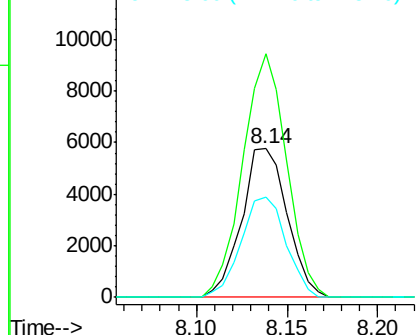
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG021236.D
Acq: 3 Mar 2016 8:04

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tot Ion:152 Resp: 10072
Ion Ratio Lower Upper
152 100
150 163.6 123.4 185.2
115 67.0 43.3 64.9#



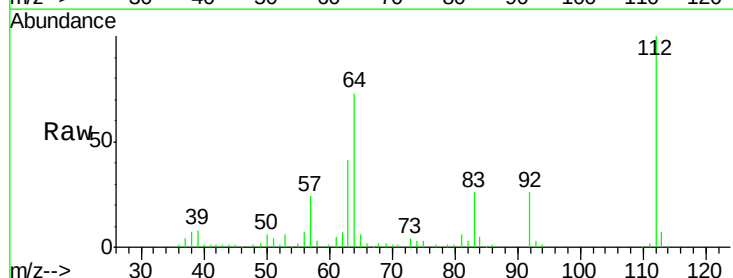
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



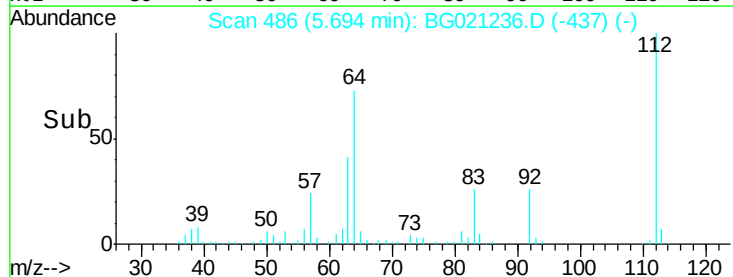
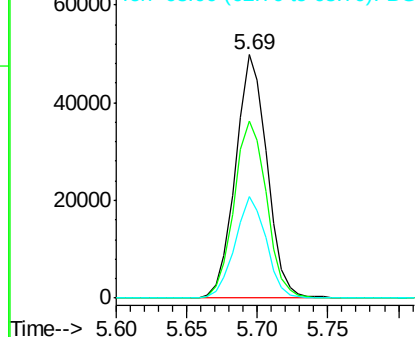
#5

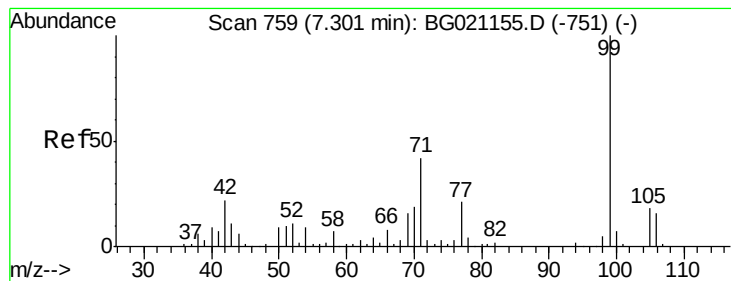
2-Fluorophenol
Concen: 122.27 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG021236.D
Acq: 3 Mar 2016 8:04

Tgt Ion:112 Resp: 77462
Ion Ratio Lower Upper
112 100
64 72.8 42.6 63.8#
63 41.5 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: 125.14 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG021236.D

Acq: 3 Mar 2016 8:04

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

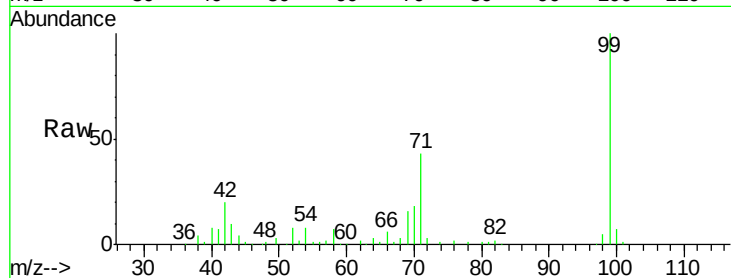
Tot Ion: 99 Resp: 130369

Ion Ratio Lower Upper

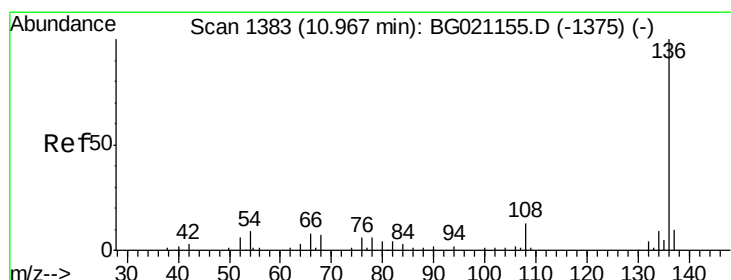
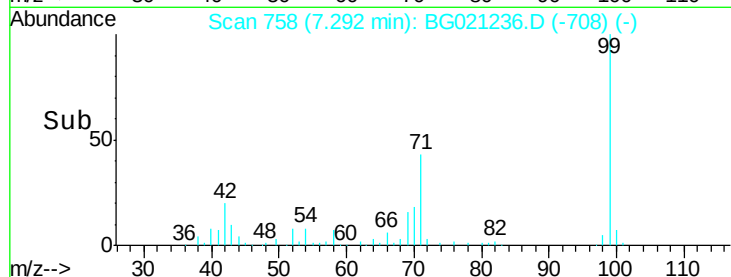
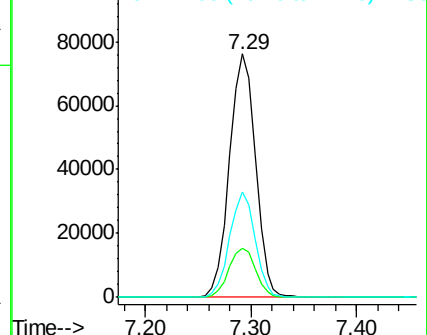
99 100

42 20.3 13.2 19.8#

71 43.4 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: BG021236.D

Acq: 3 Mar 2016 8:04

Tgt Ion: 136 Resp: 51860

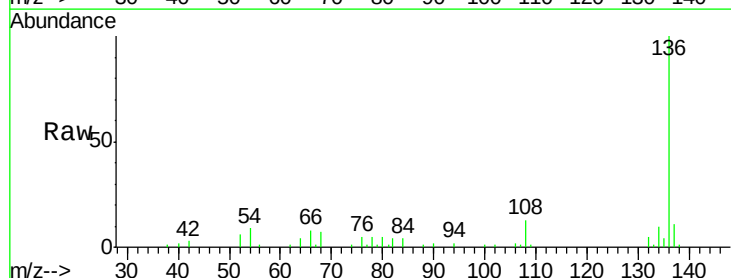
Ion Ratio Lower Upper

136 100

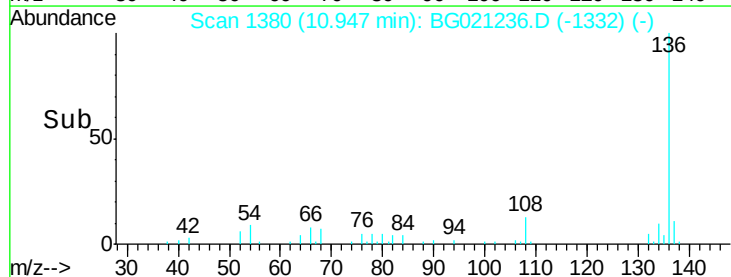
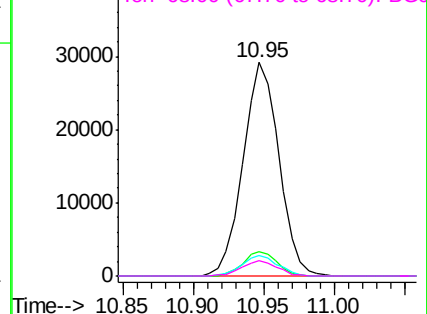
137 11.2 8.8 13.2

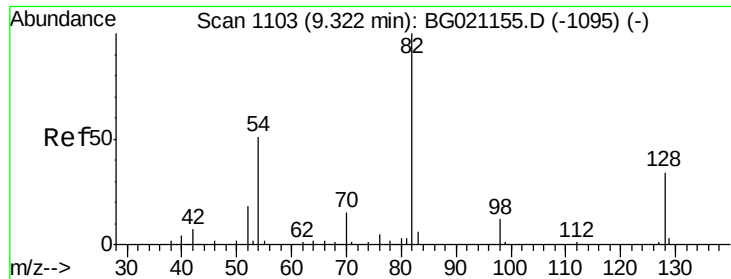
54 9.5 6.9 10.3

68 7.3 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

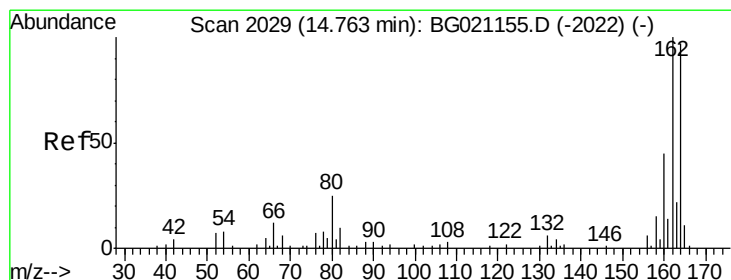
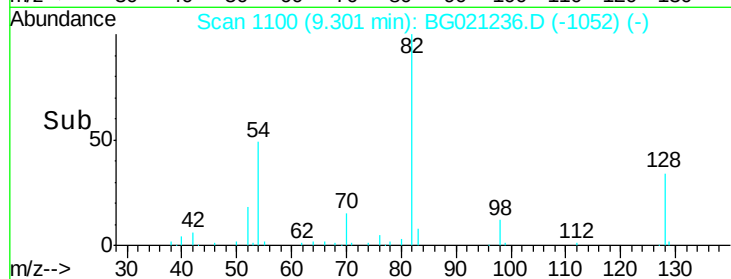
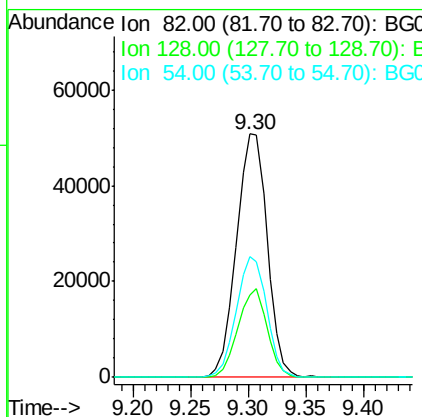
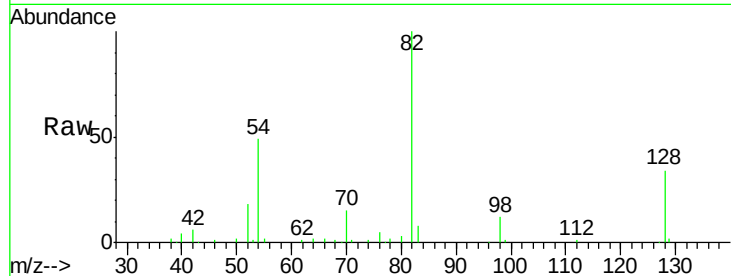




#23
 Nitrobenzene-d5
 Concen: 76.85 ng
 RT: 9.30 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BG021236.D
 Acq: 3 Mar 2016 8:04

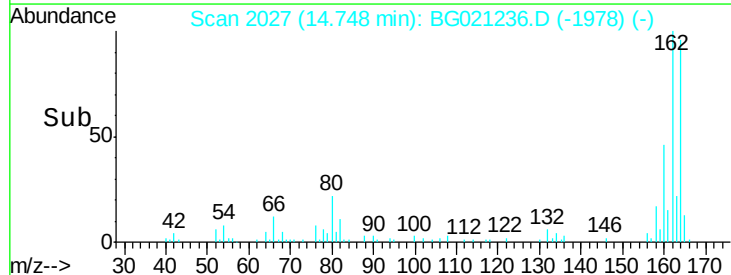
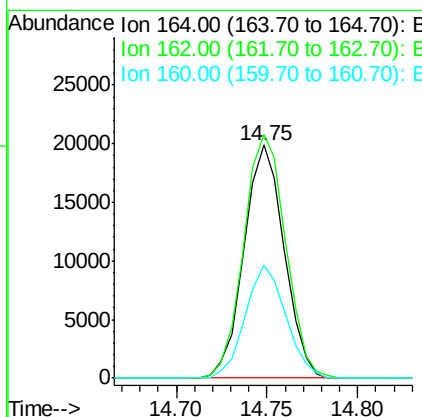
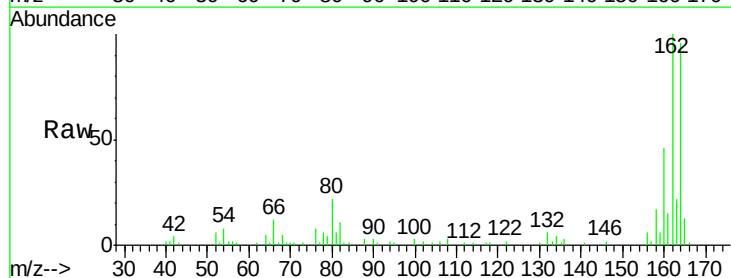
Instrument :
 BNA_G
 ClientSampleId :
 DUPLICATE

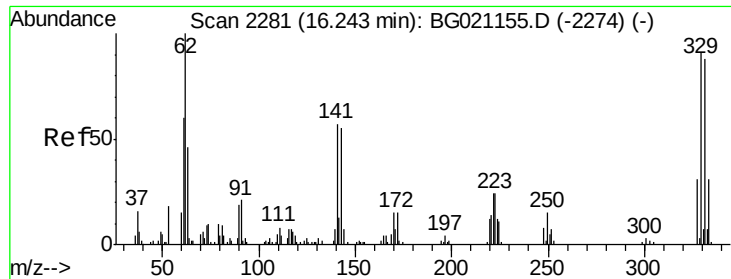
Tot Ion	82	Resp	94180
Ion Ratio	100	Lower	Upper
128	33.9	36.3	54.5#
54	49.4	37.6	56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BG021236.D
 Acq: 3 Mar 2016 8:04

Tgt Ion	164	Resp	30574
Ion Ratio	100	Lower	Upper
162	104.4	80.6	120.8
160	48.3	36.5	54.7





#41

2,4,6-Tribromophenol

Concen: 120.00 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG021236.D

Acq: 3 Mar 2016 8:04

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

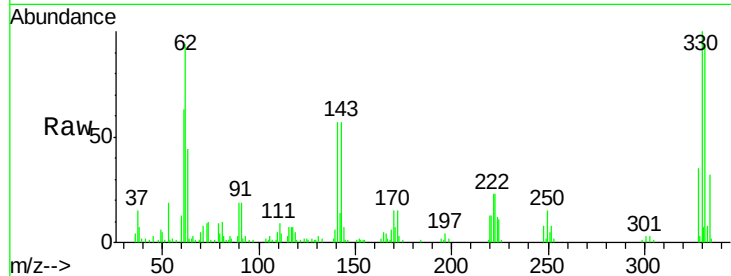
Tot Ion:330 Resp: 38171

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

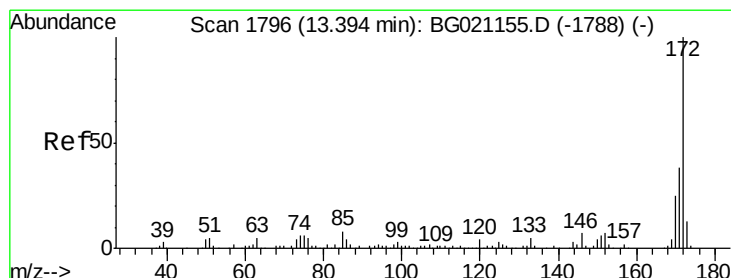
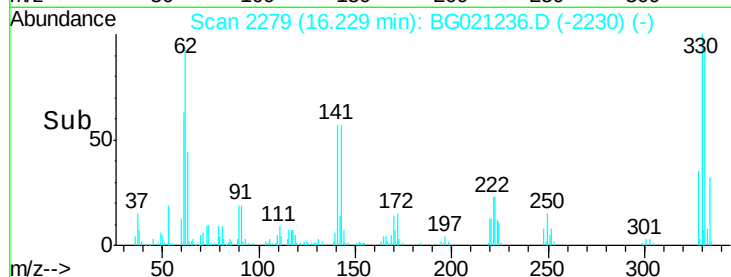
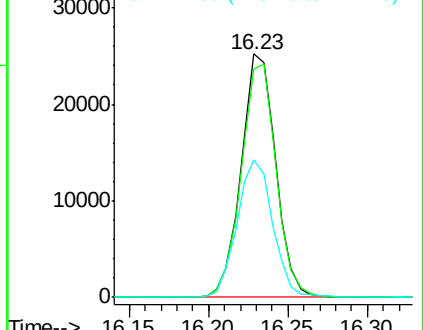
141 58.3 35.3 52.9#



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: 79.82 ng

RT: 13.37 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BG021236.D

Acq: 3 Mar 2016 8:04

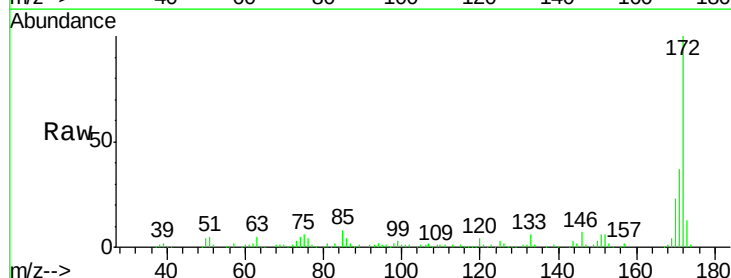
Tgt Ion:172 Resp: 171852

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

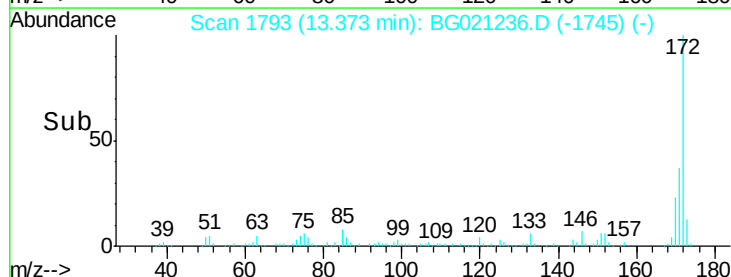
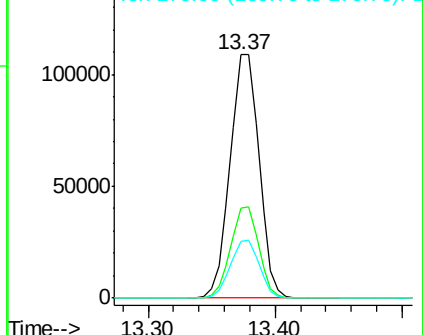
170 23.5 19.8 29.8

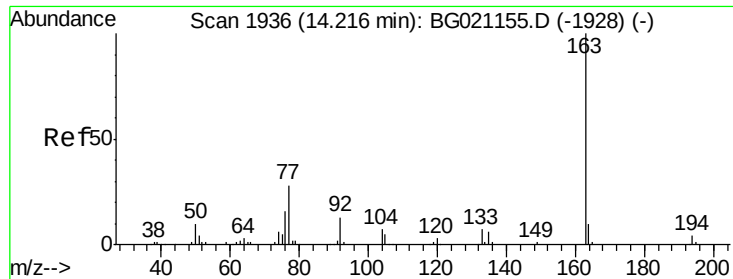


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 12.10 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG021236.D

Acq: 3 Mar 2016 8:04

Instrument :

BNA_G

ClientSampleId :

DUPLICATE

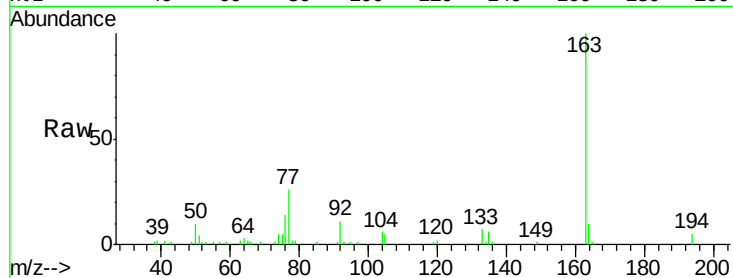
Tot Ion:163 Resp: 32980

Ion Ratio Lower Upper

163 100

194 5.1 2.8 4.2#

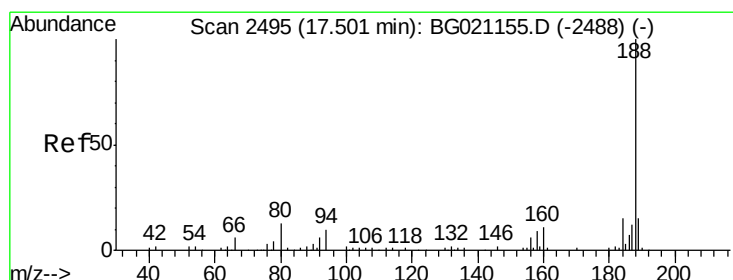
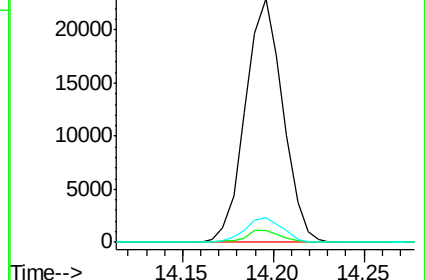
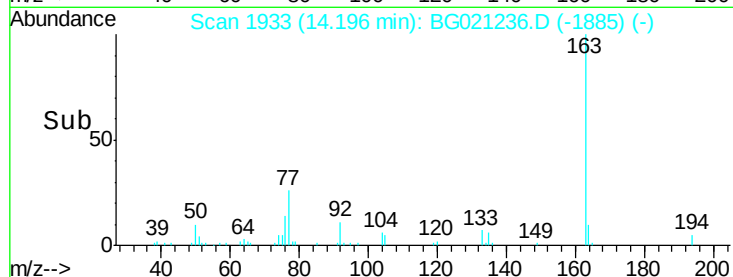
164 10.4 7.9 11.9



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# 2493

Delta R.T. -0.01 min

Lab File: BG021236.D

Acq: 3 Mar 2016 8:04

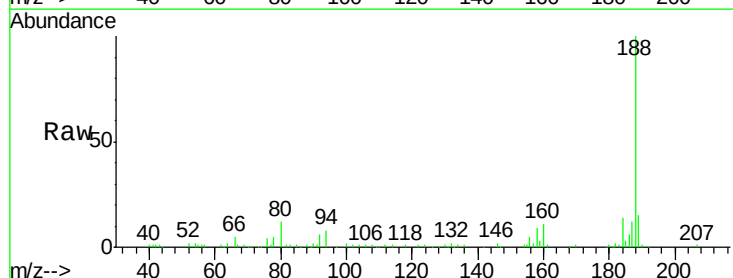
Tgt Ion:188 Resp: 67126

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.4

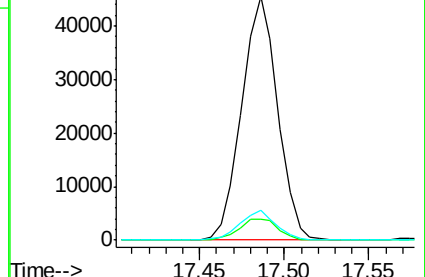
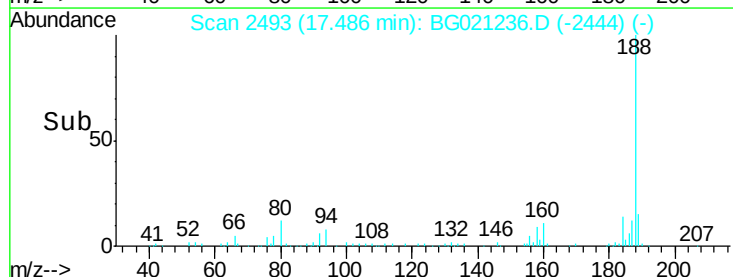
80 12.2 9.2 13.8

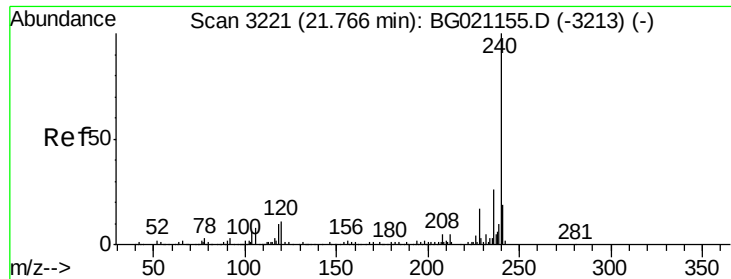


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

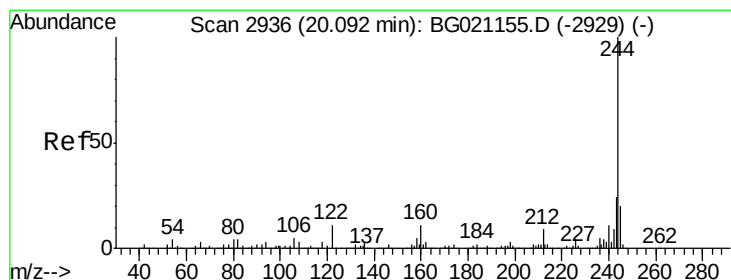
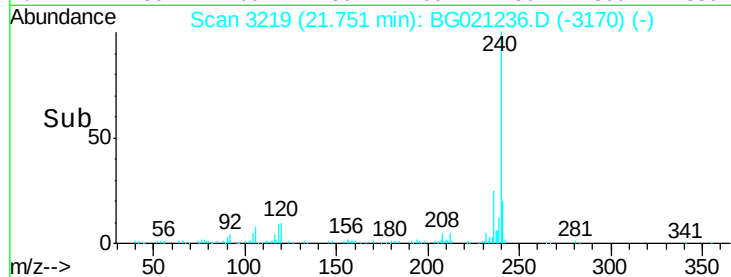
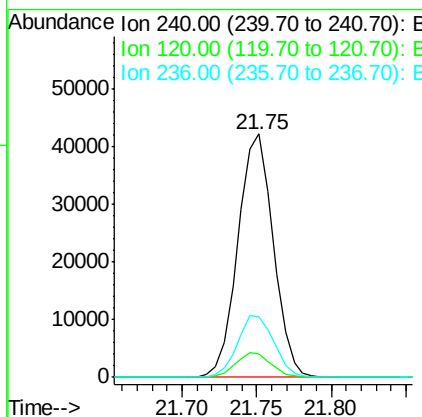
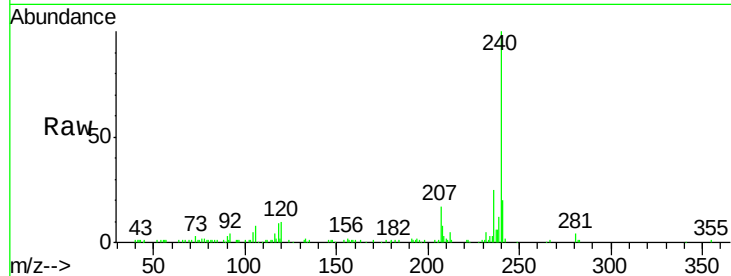




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BG021236.D
Acq: 3 Mar 2016 8:04

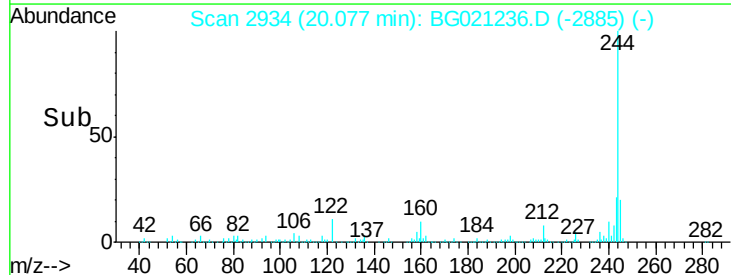
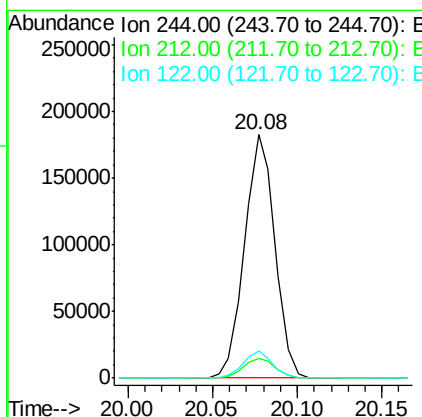
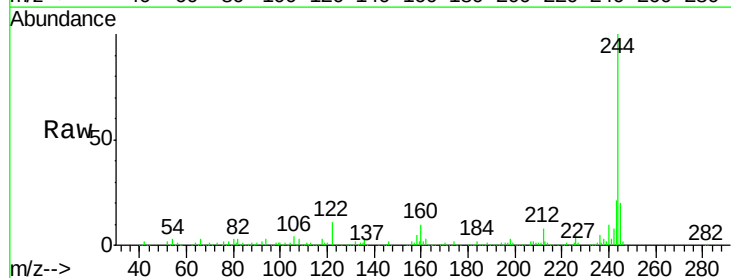
Instrument :
BNA_G
ClientSampled :
DUPLICATE

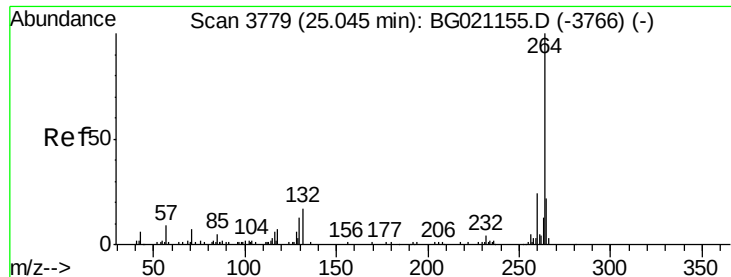
Tot Ion:240 Resp: 69340
Ion Ratio Lower Upper
240 100
120 9.7 7.5 11.3
236 25.0 20.5 30.7



#78
Terphenyl-d14
Concen: 79.86 ng
RT: 20.08 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BG021236.D
Acq: 3 Mar 2016 8:04

Tgt Ion:244 Resp: 228572
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.6
122 11.0 8.3 12.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3775
Delta R.T. -0.03 min
Lab File: BG021236.D
Acq: 3 Mar 2016 8:04

Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.5	27.7
265	23.3	18.6	28.0

