

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030216\
 Data File : BG021235.D
 Acq On : 3 Mar 2016 7:25
 Operator : UM/SJ
 Sample : H1640-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WEST-2

Quant Time: Mar 03 10:17:41 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

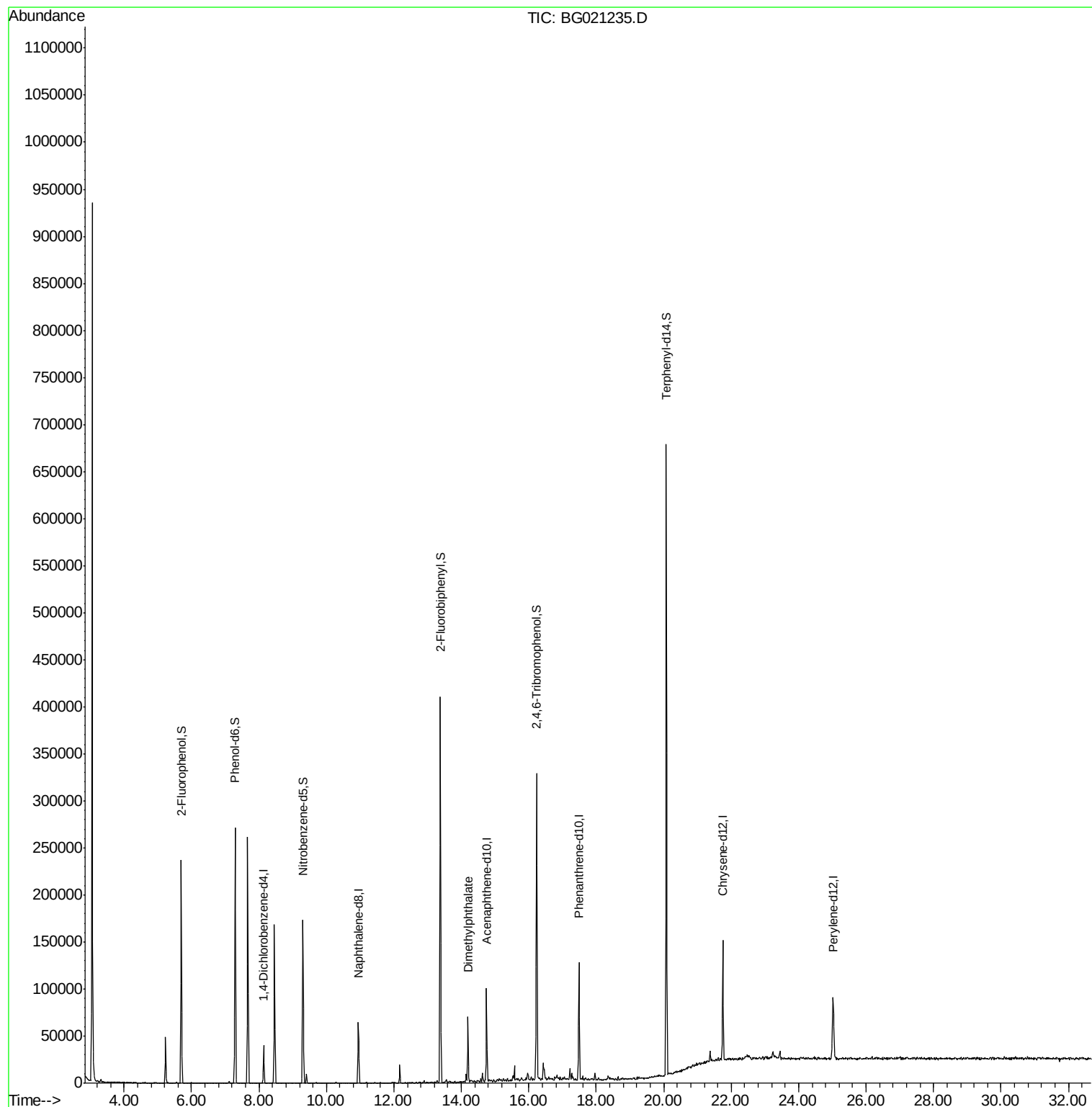
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10278	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	50486	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	30882	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	67439	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	71414	20.00	ng	-0.02
86) Perylene-d12	25.02	264	66520	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	93000	143.85	ng	-0.02
7) Phenol-d6	7.29	99	152464	143.42	ng	0.00
23) Nitrobenzene-d5	9.31	82	111734	93.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	46023	143.24	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	193438	88.95	ng	-0.02
78) Terphenyl-d14	20.08	244	258668	87.75	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.20	163	40326	14.65	ng	# 97

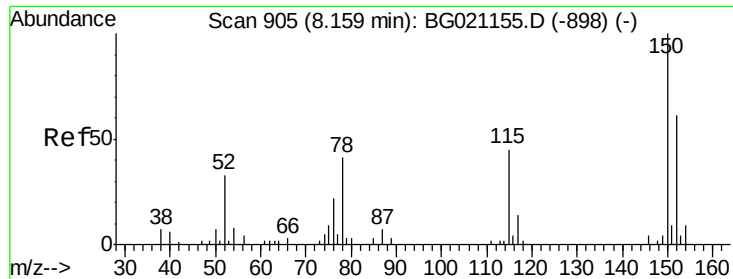
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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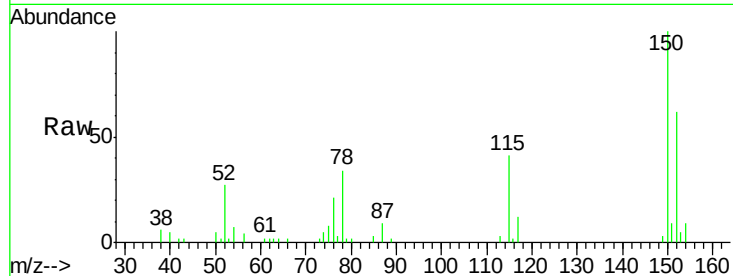


#1

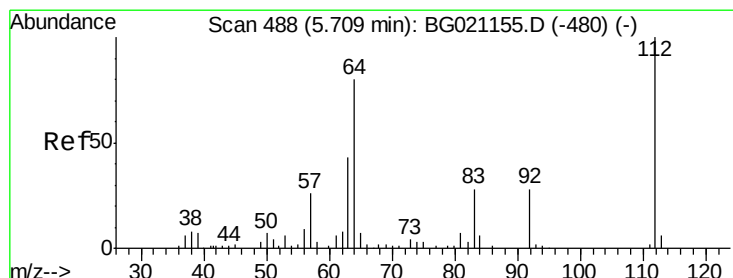
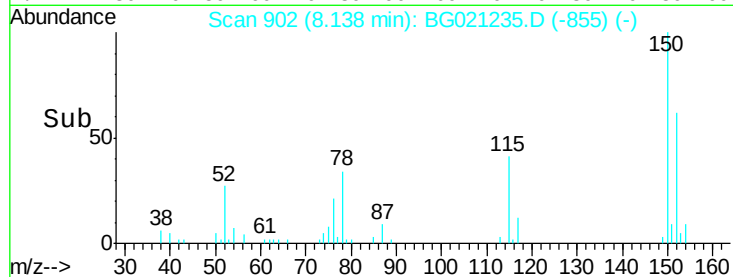
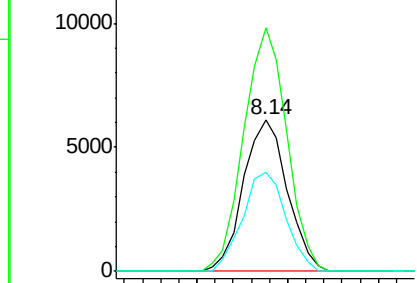
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG021235.D
Acq: 3 Mar 2016 7:25

Instrument :
BNA_G
ClientSampleId :
WEST-2

Tot Ion:152 Resp: 10278
Ion Ratio Lower Upper
152 100
150 160.7 123.4 185.2
115 65.1 43.3 64.9#



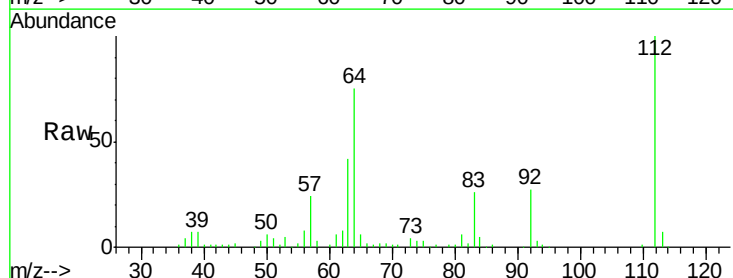
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



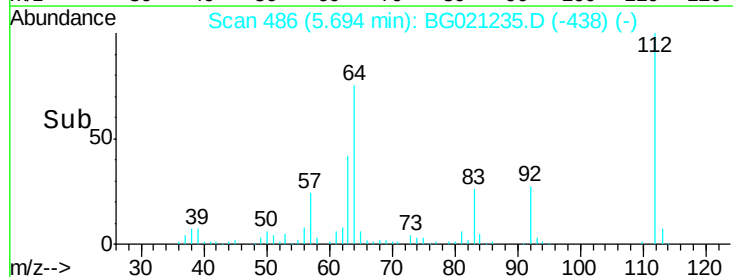
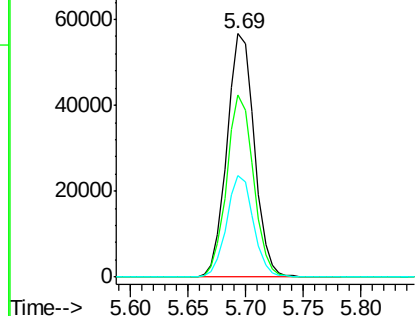
#5

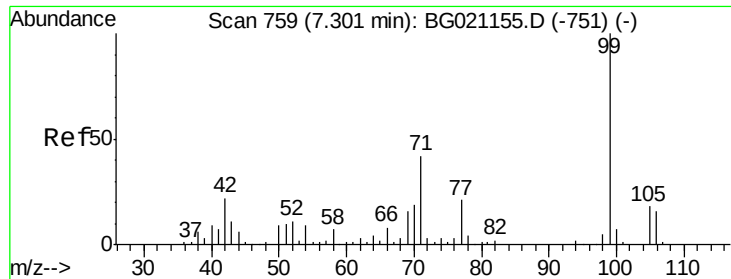
2-Fluorophenol
Concen: 143.85 ng
RT: 5.69 min Scan# 486
Delta R.T. -0.02 min
Lab File: BG021235.D
Acq: 3 Mar 2016 7:25

Tgt Ion:112 Resp: 93000
Ion Ratio Lower Upper
112 100
64 75.0 42.6 63.8#
63 41.8 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: 143.42 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG021235.D

Acq: 3 Mar 2016 7:25

Instrument :

BNA_G

ClientSampleId :

WEST-2

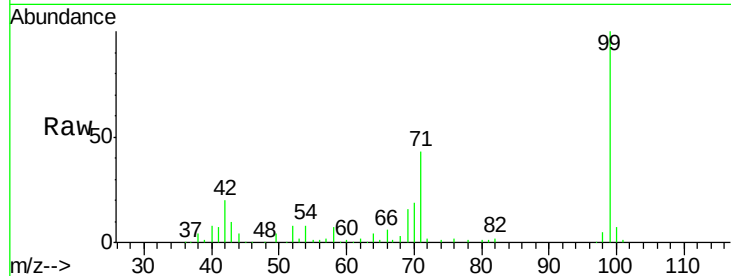
Tot Ion: 99 Resp: 152464

Ion Ratio Lower Upper

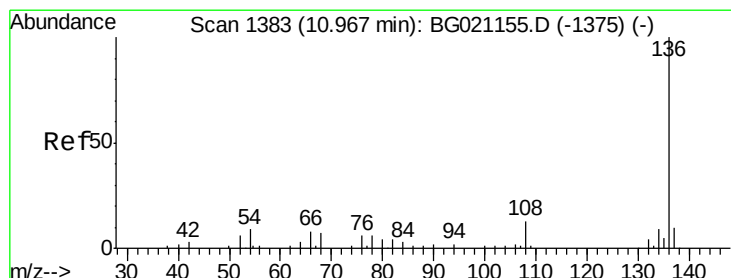
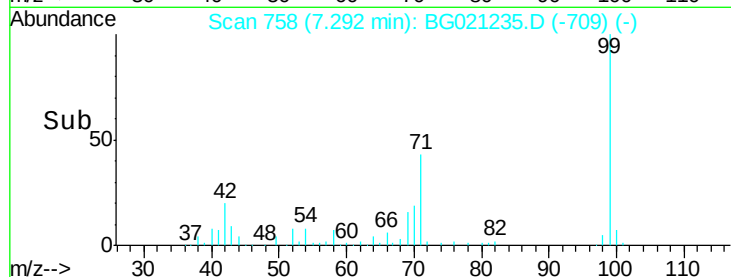
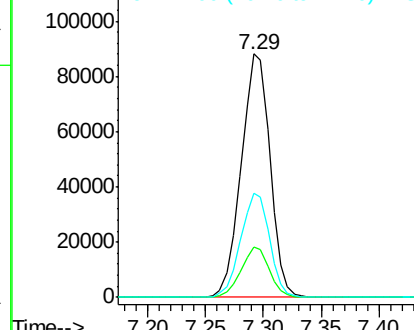
99 100

42 20.4 13.2 19.8#

71 42.7 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: BG021235.D

Acq: 3 Mar 2016 7:25

Tgt Ion: 136 Resp: 50486

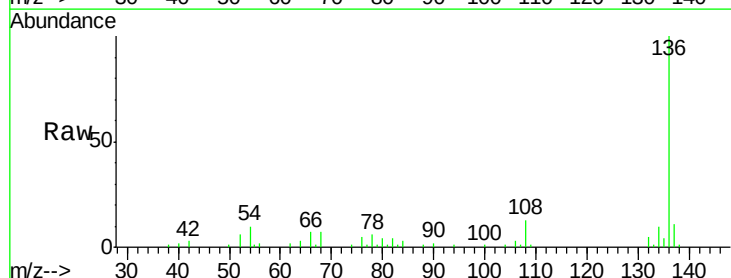
Ion Ratio Lower Upper

136 100

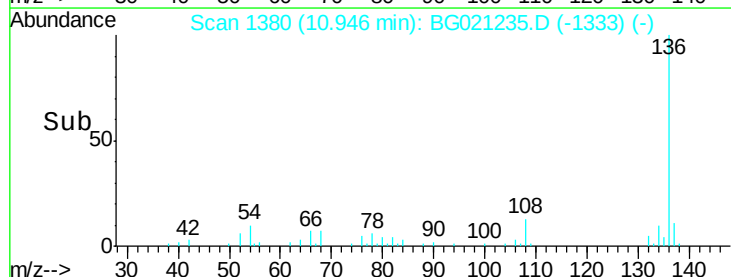
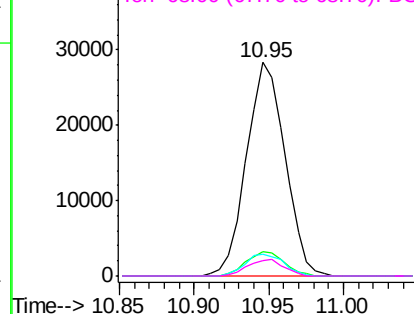
137 11.4 8.8 13.2

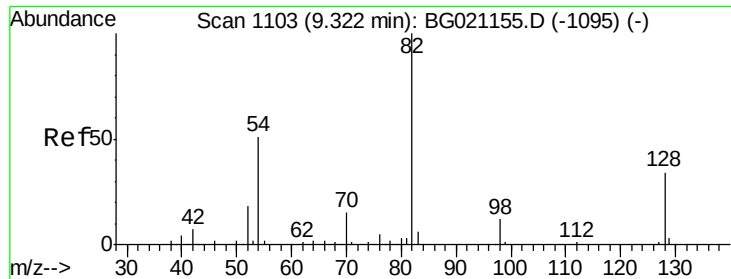
54 10.3 6.9 10.3

68 7.2 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

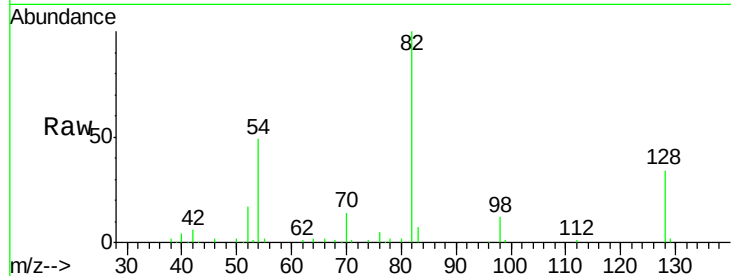




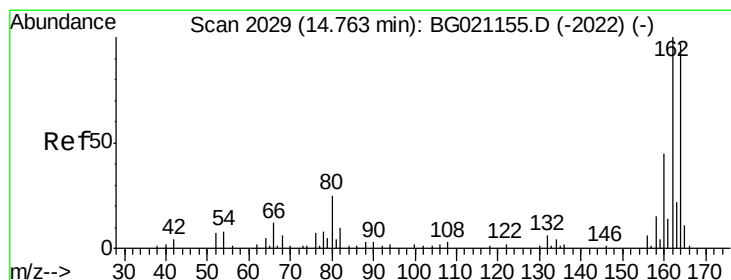
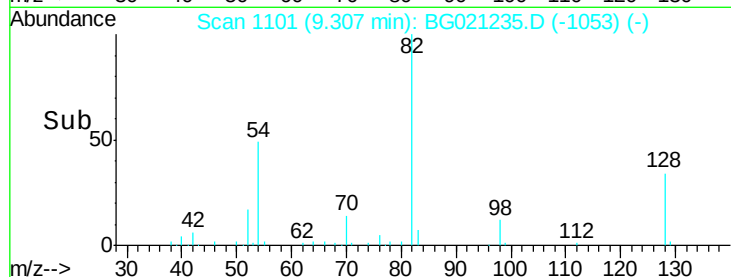
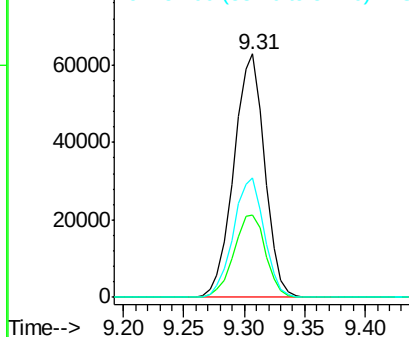
#23
Nitrobenzene-d5
Concen: 93.65 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BG021235.D
Acq: 3 Mar 2016 7:25

Instrument :
BNA_G
ClientSampleId :
WEST-2

Tot Ion: 82 Resp: 111734
Ion Ratio Lower Upper
82 100
128 34.0 36.3 54.5#
54 49.2 37.6 56.4

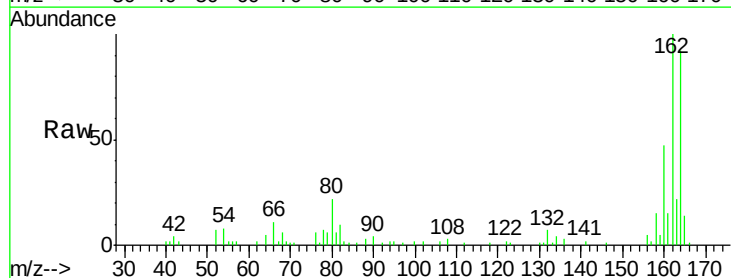


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

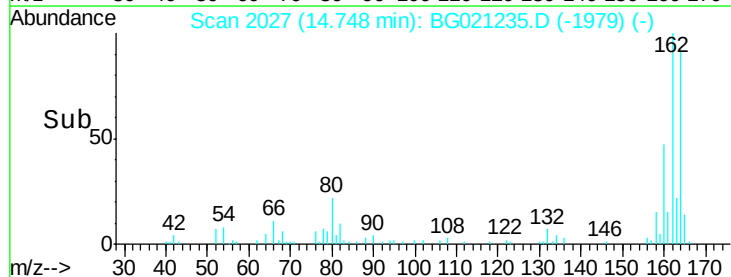
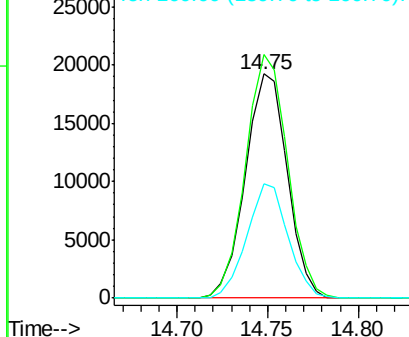


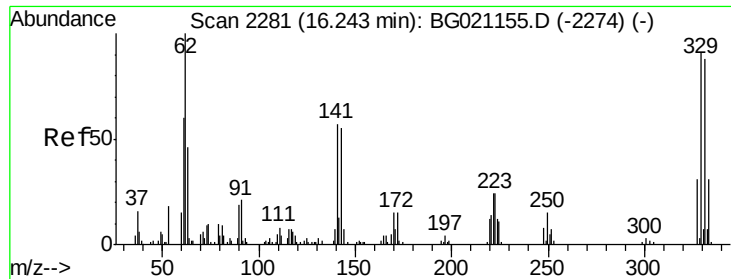
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG021235.D
Acq: 3 Mar 2016 7:25

Tgt Ion:164 Resp: 30882
Ion Ratio Lower Upper
164 100
162 108.7 80.6 120.8
160 51.2 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: 143.24 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG021235.D

Acq: 3 Mar 2016 7:25

Instrument :

BNA_G

ClientSampleId :

WEST-2

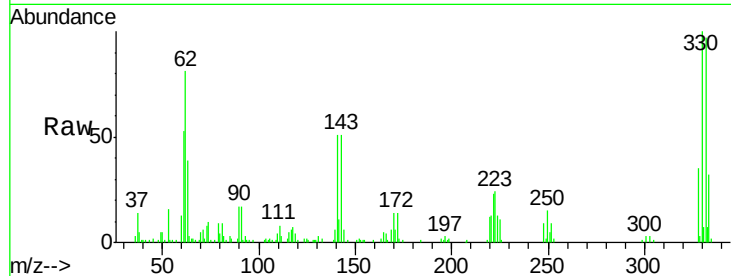
Tot Ion:330 Resp: 46023

Ion Ratio Lower Upper

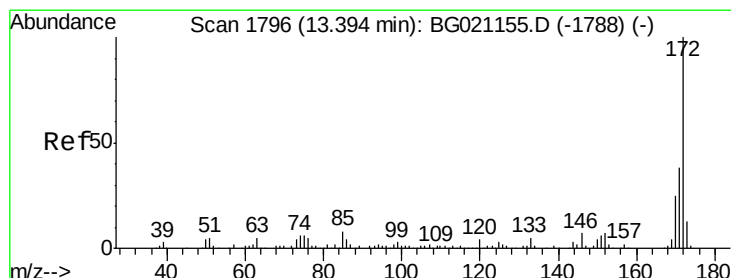
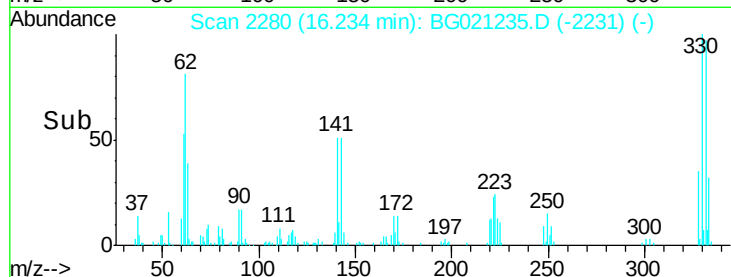
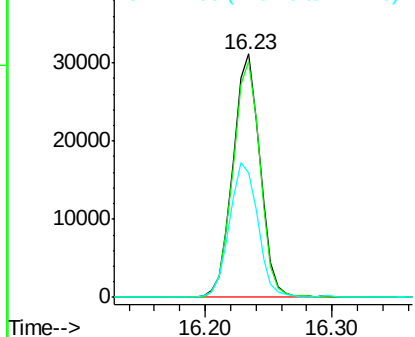
330 100

332 96.5 77.4 116.0

141 57.4 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: 88.95 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG021235.D

Acq: 3 Mar 2016 7:25

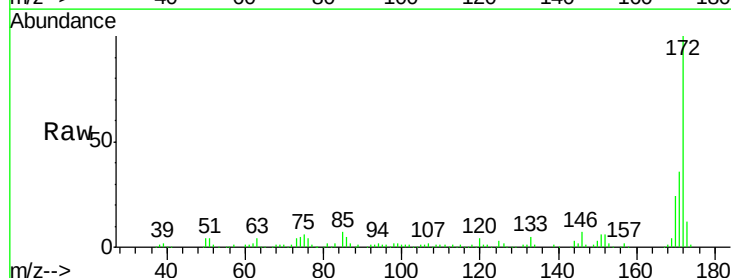
Tgt Ion:172 Resp: 193438

Ion Ratio Lower Upper

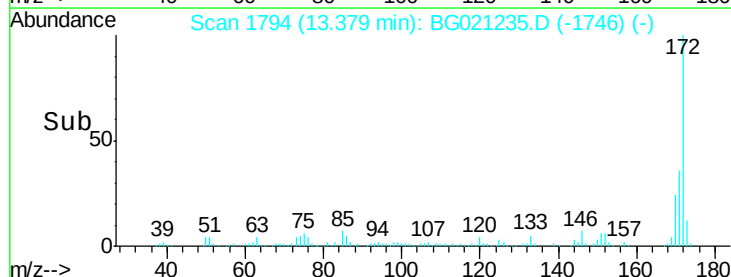
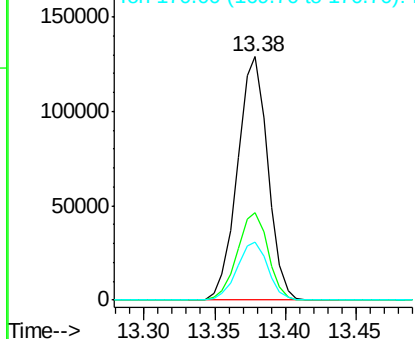
172 100

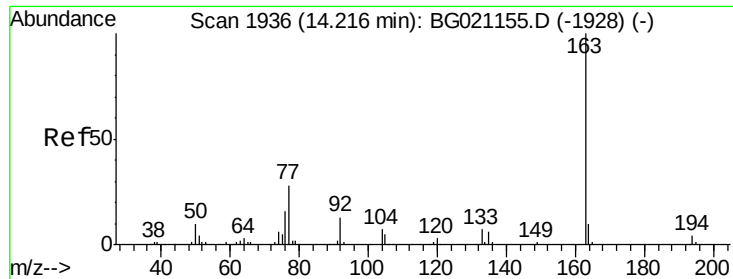
171 35.8 29.4 44.0

170 24.0 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: 14.65 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.02 min

Lab File: BG021235.D

Acq: 3 Mar 2016 7:25

Instrument :

BNA_G

ClientSampleId :

WEST-2

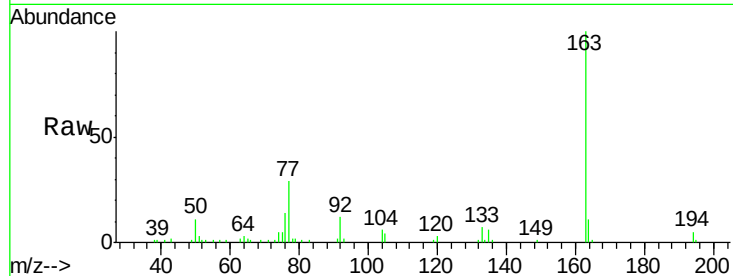
Tot Ion:163 Resp: 40326

Ion Ratio Lower Upper

163 100

194 4.9 2.8 4.2#

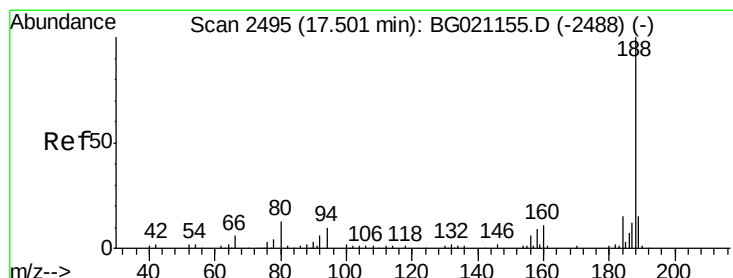
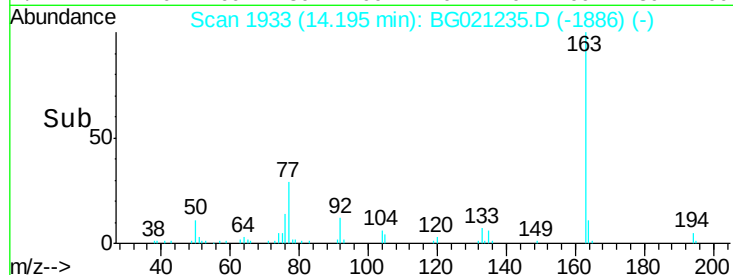
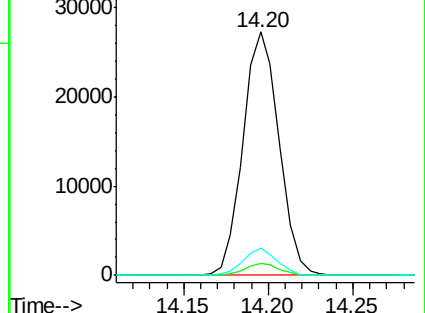
164 11.0 7.9 11.9



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. -0.02 min

Lab File: BG021235.D

Acq: 3 Mar 2016 7:25

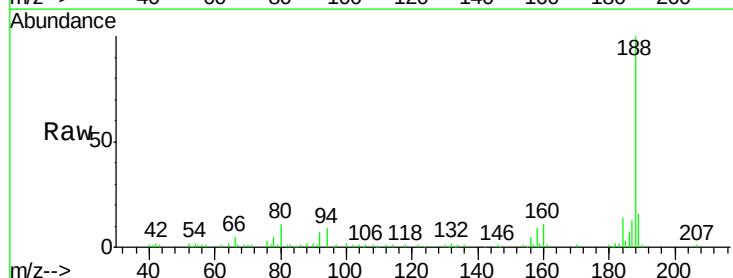
Tgt Ion:188 Resp: 67439

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

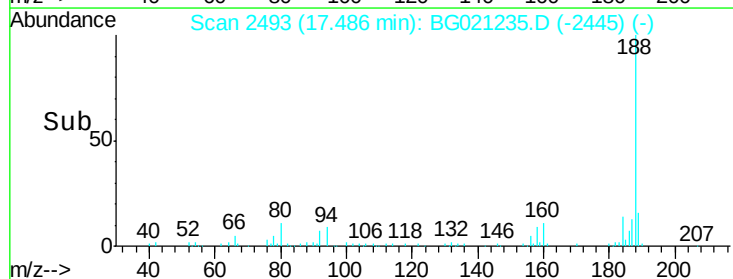
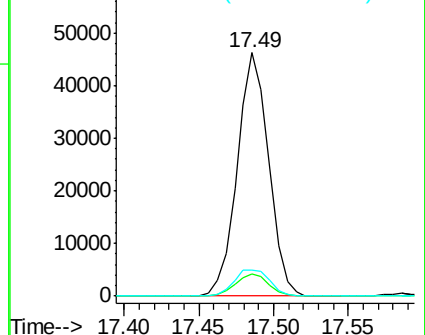
80 10.9 9.2 13.8

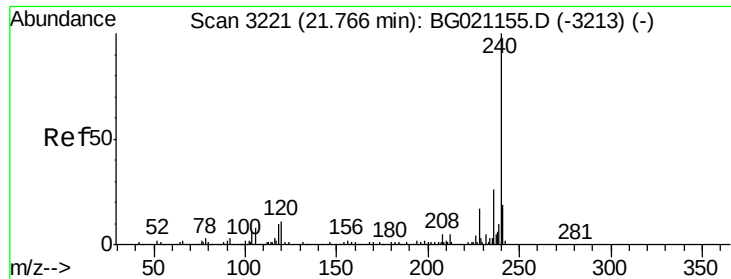


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.02 min

Lab File: BG021235.D

Acq: 3 Mar 2016 7:25

Instrument :

BNA_G

ClientSampleId :

WEST-2

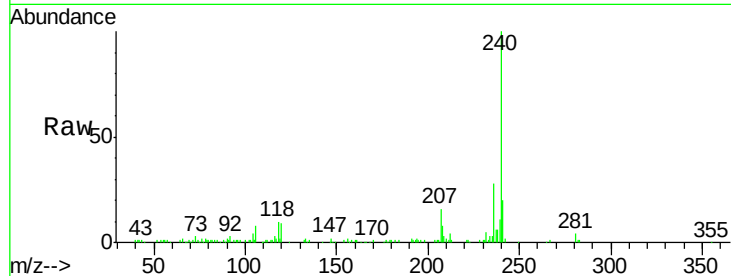
Tot Ion:240 Resp: 71414

Ion Ratio Lower Upper

240 100

120 9.3 7.5 11.3

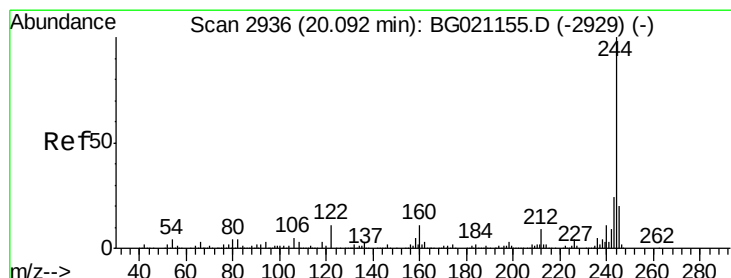
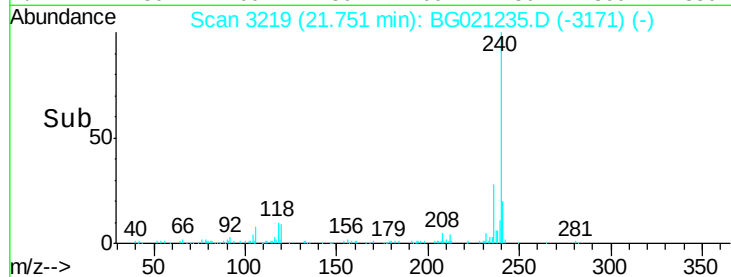
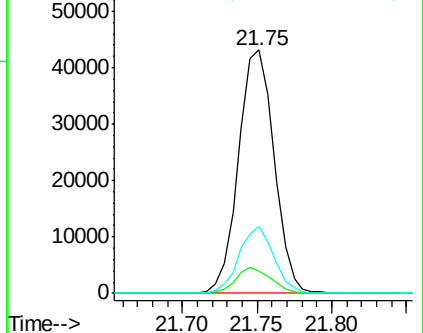
236 27.7 20.5 30.7



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: 87.75 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.02 min

Lab File: BG021235.D

Acq: 3 Mar 2016 7:25

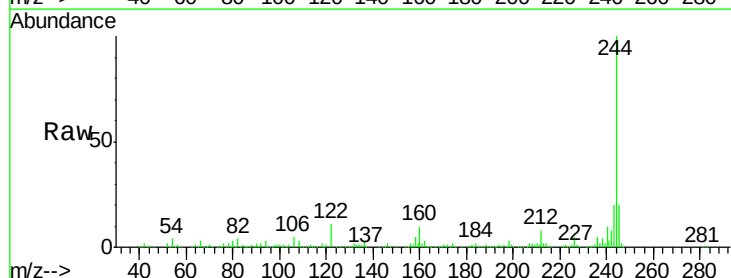
Tgt Ion:244 Resp: 258668

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.6

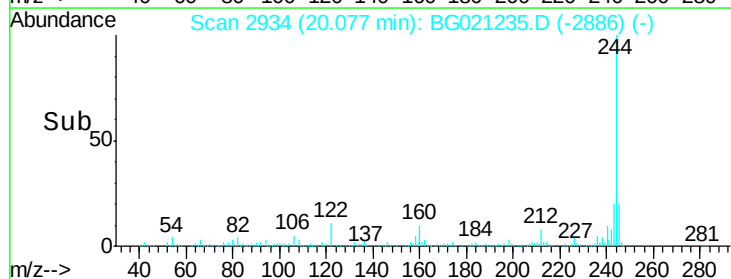
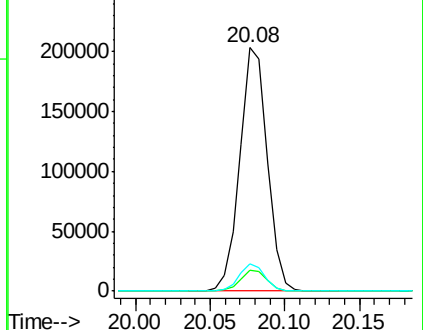
122 11.4 8.3 12.5

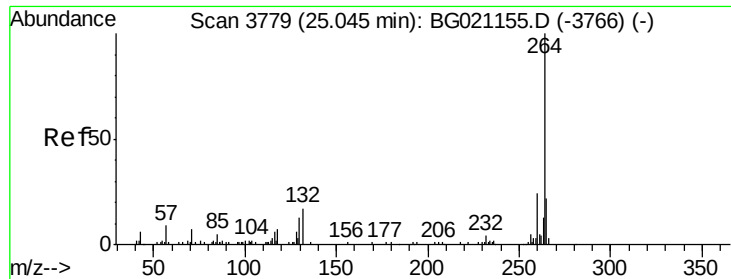


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3776
Delta R.T. -0.02 min
Lab File: BG021235.D
Acq: 3 Mar 2016 7:25

Instrument :
BNA_G
ClientSampleId :
WEST-2

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.6	18.5	27.7	
265	22.3	18.6	28.0	

