

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042117\
 Data File : BG026691.D
 Acq On : 21 Apr 2017 18:11
 Operator : SJ/MA
 Sample : I2782-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-7-42017

Quant Time: Apr 22 04:21:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

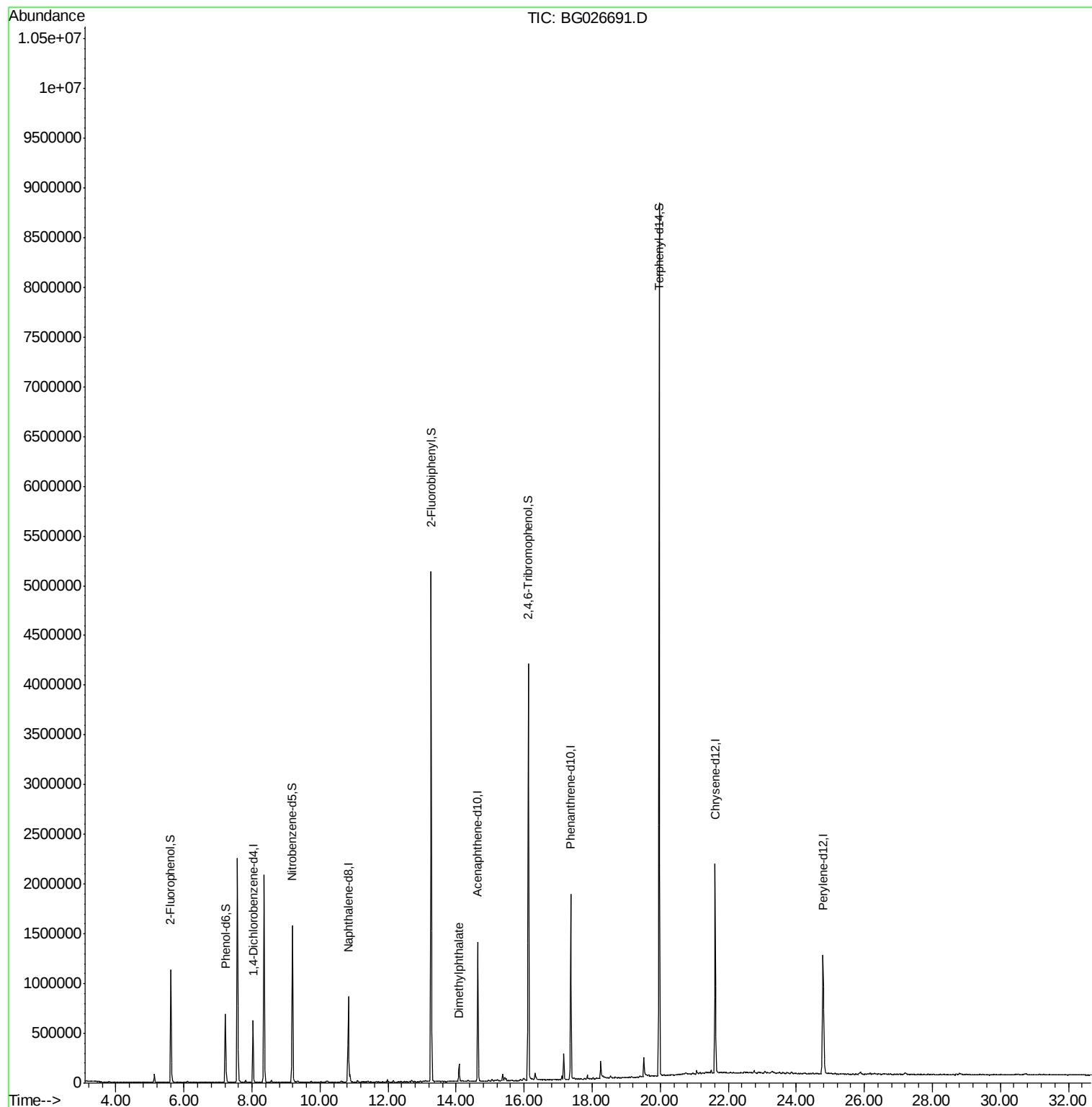
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	197771	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	832098	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	491320	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1213851	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1342693	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1275675	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	619015	56.90	ng	0.00
7) Phenol-d6	7.22	99	522255	36.63	ng	0.01
23) Nitrobenzene-d5	9.19	82	1027068	86.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	911124	133.09	ng	-0.01
44) 2-Fluorobiphenyl	13.26	172	2797501	84.80	ng	-0.02
78) Terphenyl-d14	19.97	244	3769697	82.89	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.09	163	134098	3.45	ng	Qvalue 98

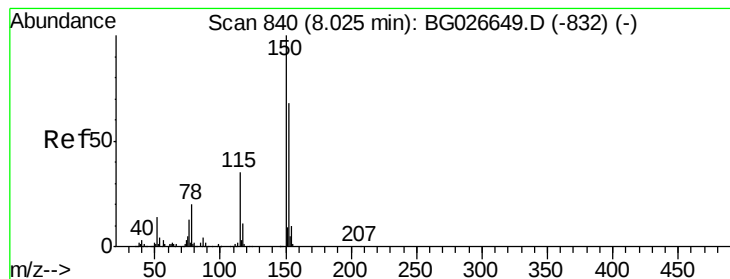
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG026691.D

Acq: 21 Apr 2017 18:11

Instrument :

BNA_G

ClientSampleId :

HW-7-42017

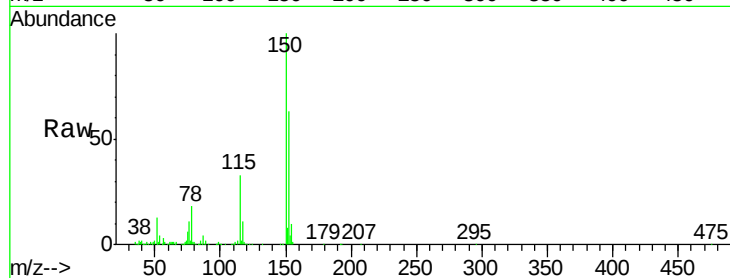
Tot Ion:152 Resp: 197771

Ion Ratio Lower Upper

152 100

150 159.0 114.0 171.0

115 52.0 48.1 72.1



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

250000

200000

150000

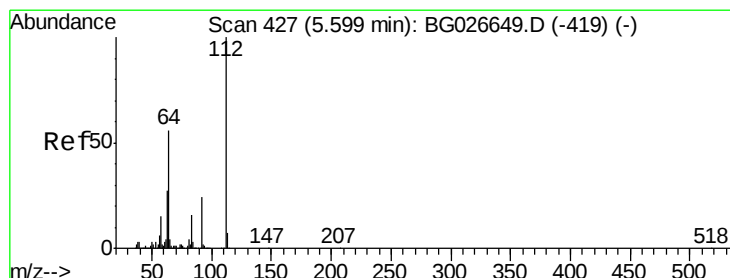
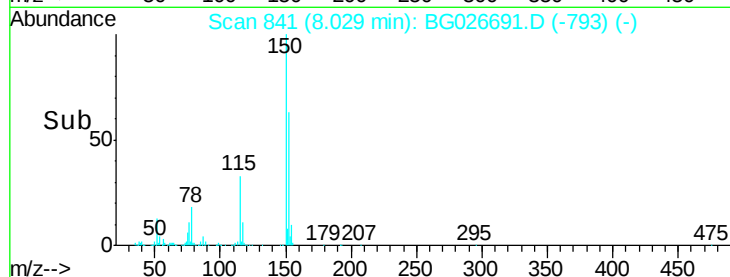
100000

50000

0

8.03

Time--> 7.90 8.00 8.10



#5

2-Fluorophenol

Concen: 56.90 ng

RT: 5.61 min Scan# 430

Delta R.T. -0.00 min

Lab File: BG026691.D

Acq: 21 Apr 2017 18:11

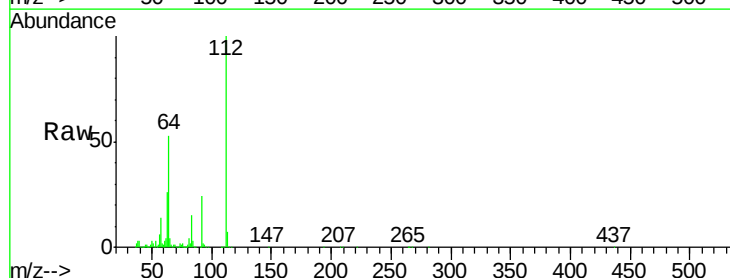
Tgt Ion:112 Resp: 619015

Ion Ratio Lower Upper

112 100

64 52.6 61.8 92.6#

63 25.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0

500000

400000

300000

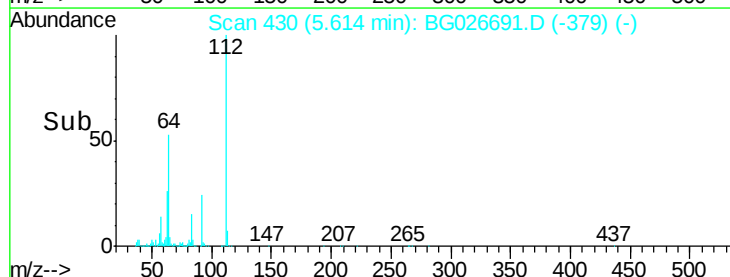
200000

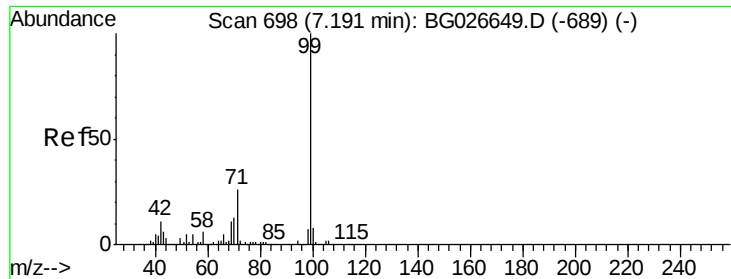
100000

0

5.61

Time--> 5.50 5.60 5.70 5.80





#7

Phenol-d6

Concen: 36.63 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026691.D

Acq: 21 Apr 2017 18:11

Instrument :

BNA_G

ClientSampleId :

HW-7-42017

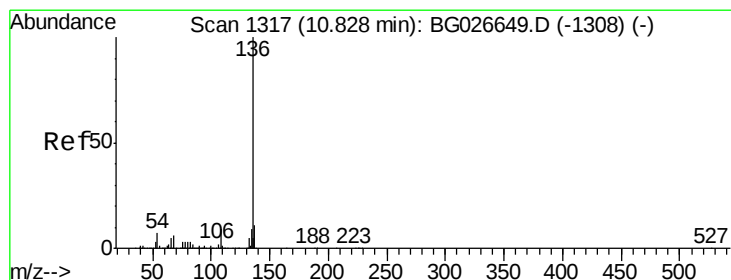
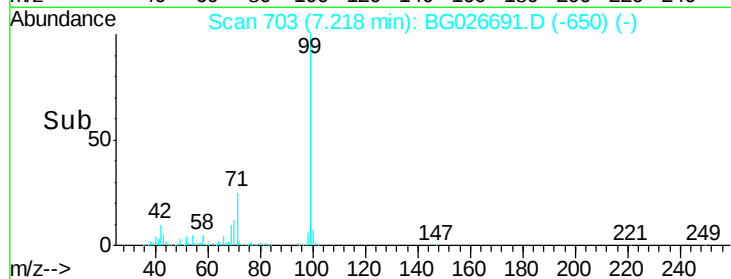
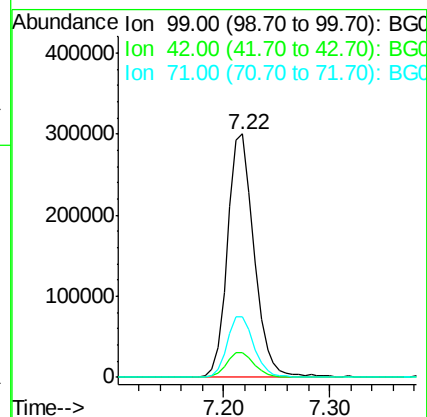
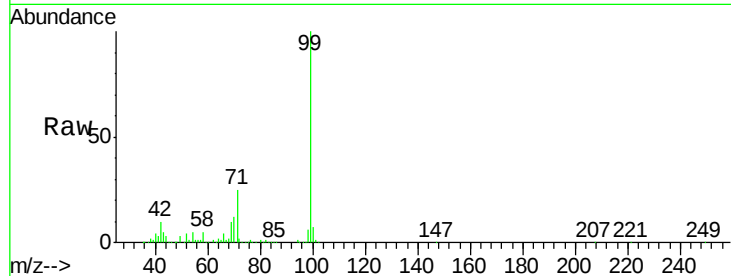
Tot Ion: 99 Resp: 522255

Ion Ratio Lower Upper

99 100

42 10.1 20.5 30.7#

71 24.8 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG026691.D

Acq: 21 Apr 2017 18:11

Tgt Ion: 136 Resp: 832098

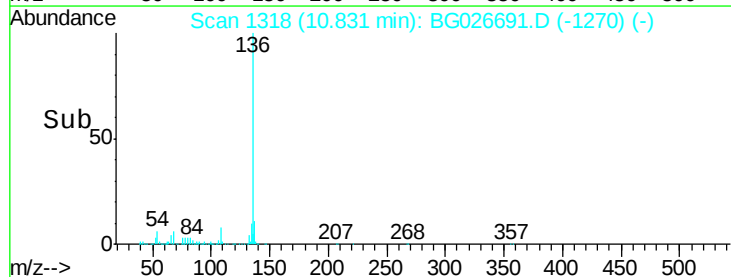
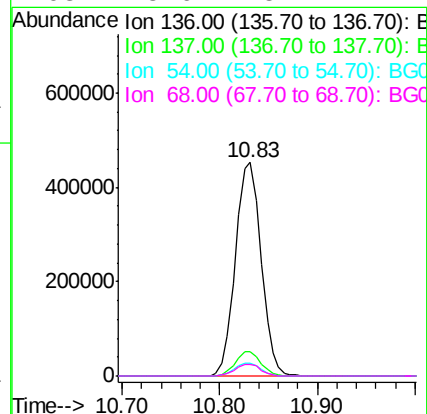
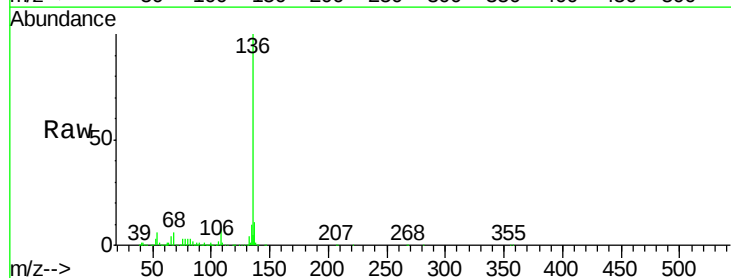
Ion Ratio Lower Upper

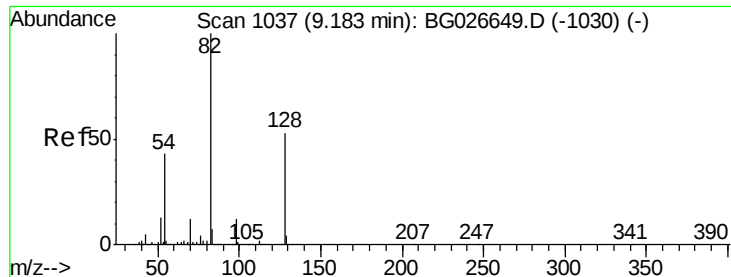
136 100

137 11.3 8.9 13.3

54 6.3 9.3 13.9#

68 5.6 5.1 7.7

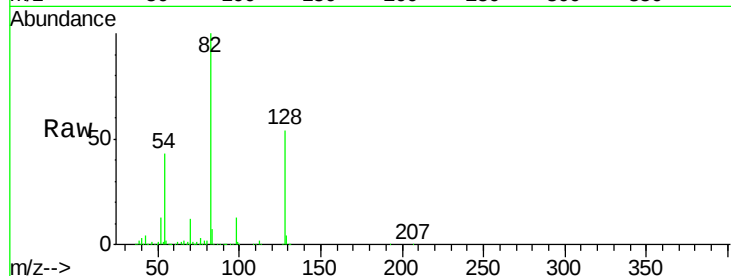




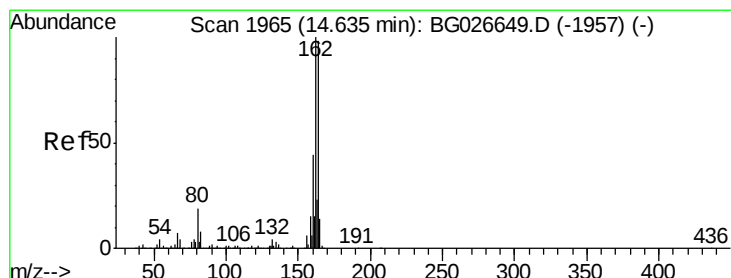
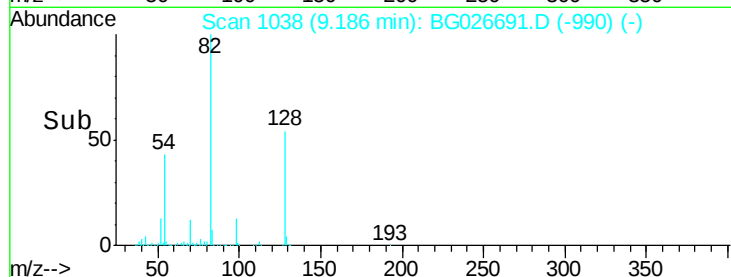
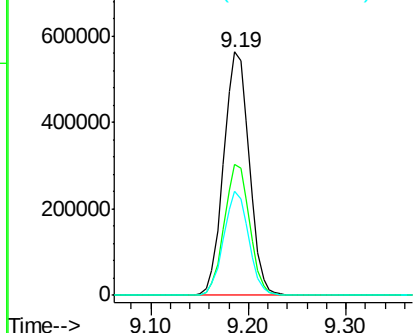
#23
 Nitrobenzene-d5
 Concen: 86.13 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026691.D
 Acq: 21 Apr 2017 18:11

Instrument :
 BNA_G
 ClientSampleId :
 HW-7-42017

Tot Ion: 82 Resp: 1027068
 Ion Ratio Lower Upper
 82 100
 128 54.0 26.4 39.6#
 54 42.6 49.4 74.2#

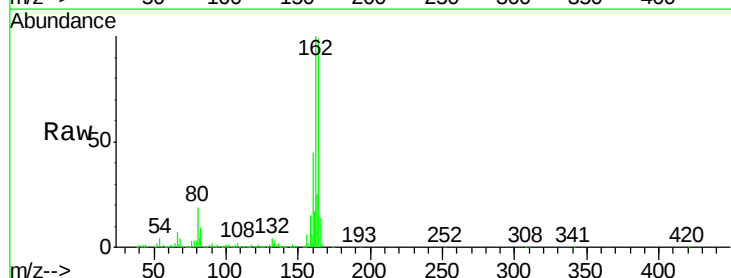


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

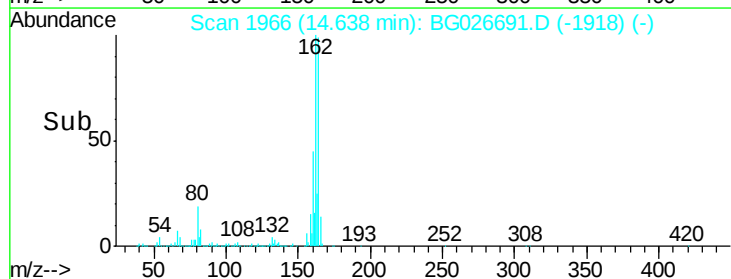
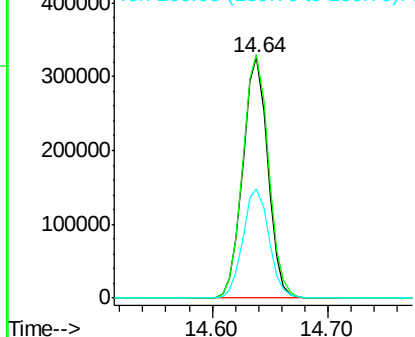


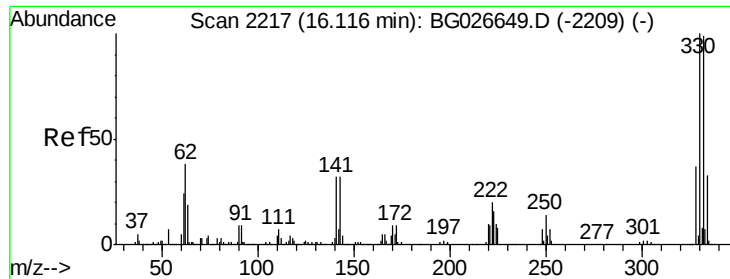
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.02 min
 Lab File: BG026691.D
 Acq: 21 Apr 2017 18:11

Tgt Ion:164 Resp: 491320
 Ion Ratio Lower Upper
 164 100
 162 101.2 85.1 127.7
 160 45.3 34.7 52.1



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: 133.09 ng

RT: 16.12 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG026691.D

Acq: 21 Apr 2017 18:11

Instrument :

BNA_G

ClientSampleId :

HW-7-42017

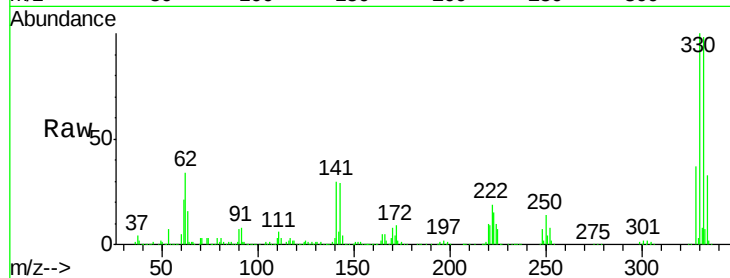
Tot Ion:330 Resp: 911124

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

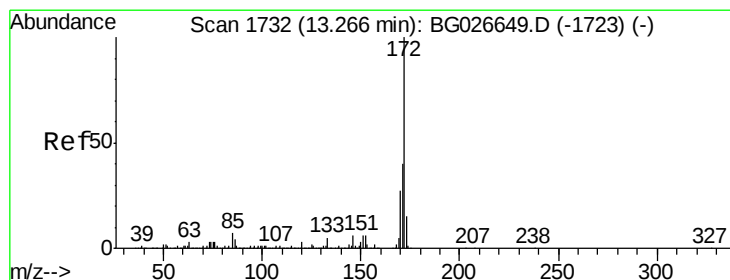
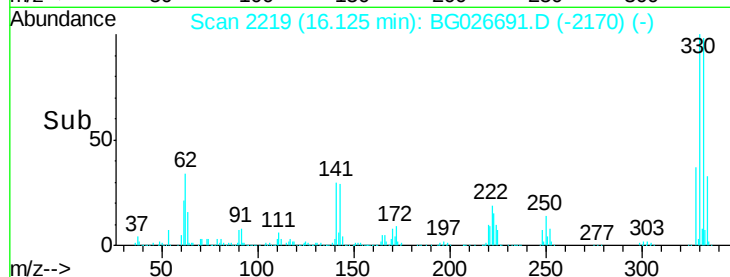
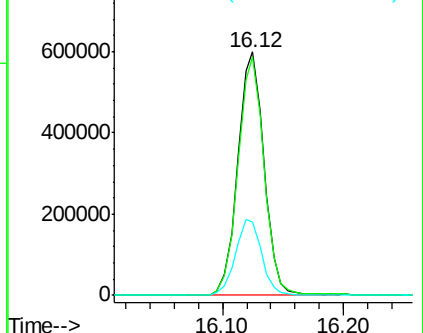
141 31.2 32.1 48.1#



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: 84.80 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.02 min

Lab File: BG026691.D

Acq: 21 Apr 2017 18:11

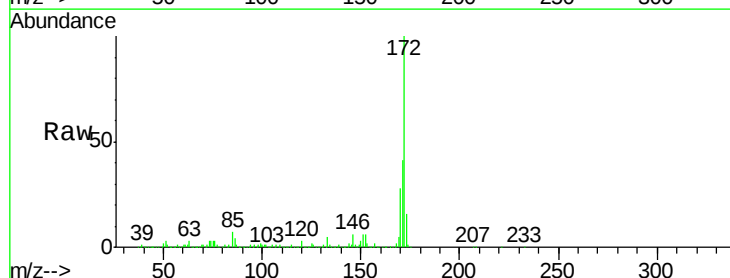
Tgt Ion:172 Resp: 2797501

Ion Ratio Lower Upper

172 100

171 41.4 32.2 48.2

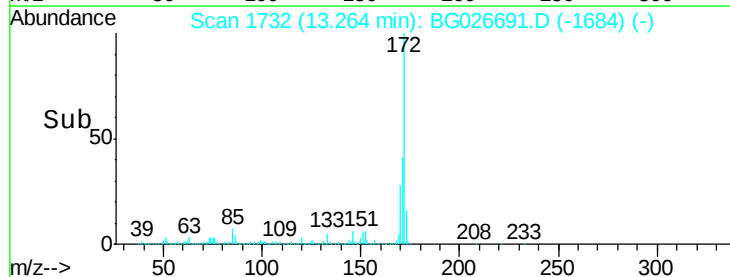
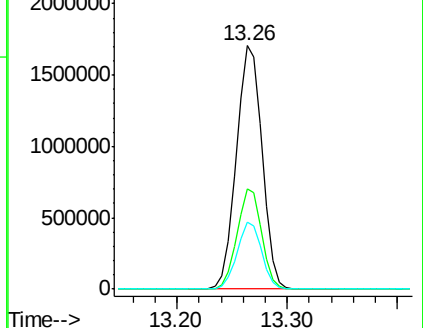
170 27.6 21.8 32.6

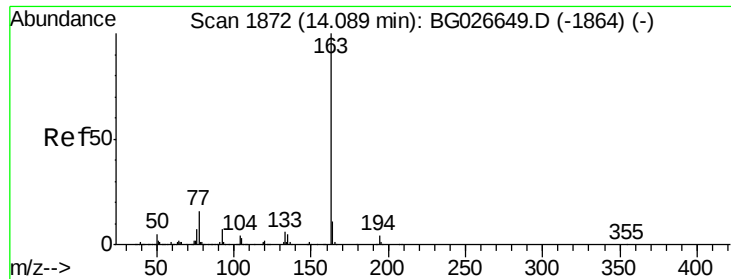


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

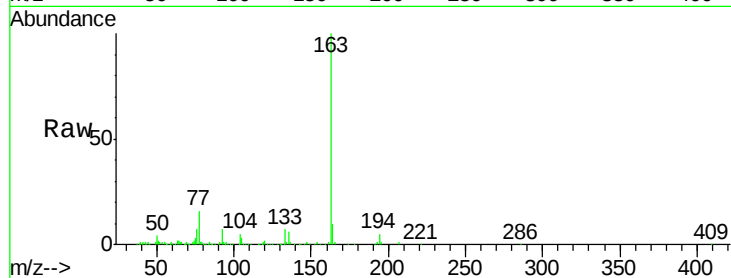




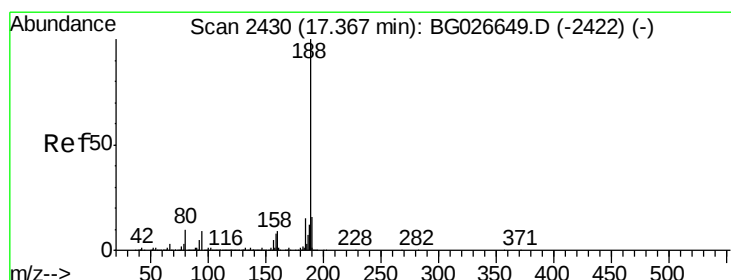
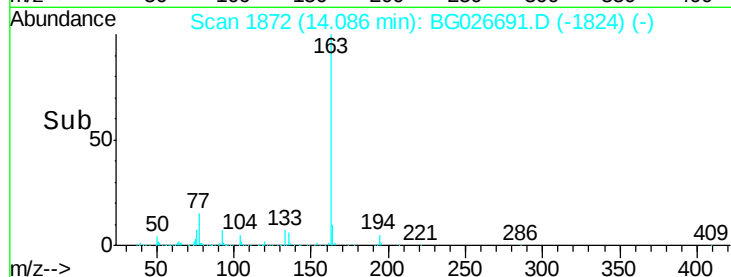
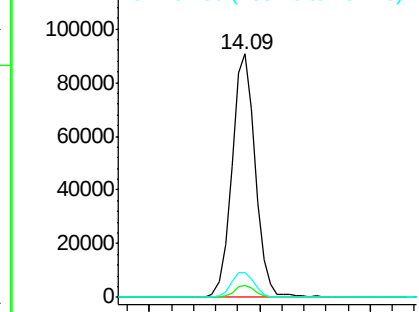
#49
Dimethylphthalate
Concen: 3.45 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BG026691.D
Acq: 21 Apr 2017 18:11

Instrument :
BNA_G
ClientSampleId :
HW-7-42017

Tot Ion:163 Resp: 134098
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 10.4 9.3 13.9

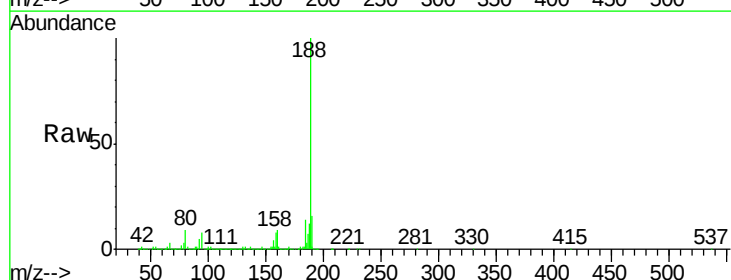


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

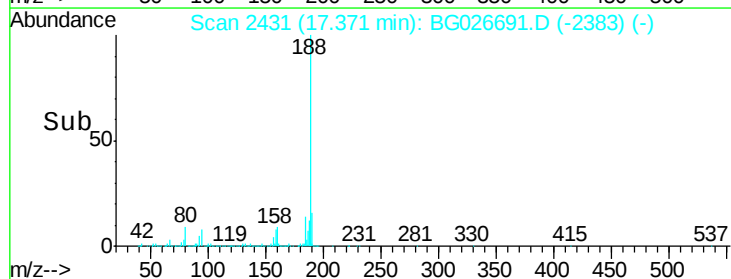
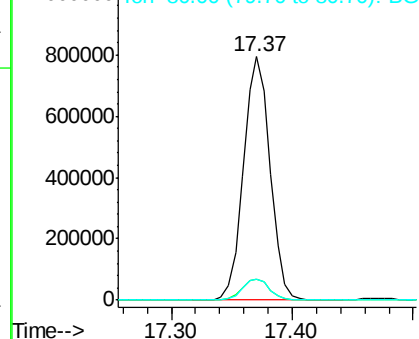


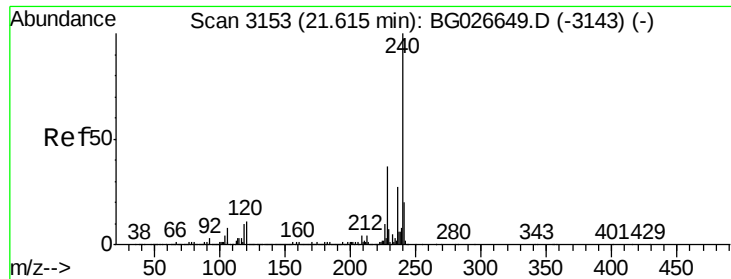
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026691.D
Acq: 21 Apr 2017 18:11

Tgt Ion:188 Resp: 1213851
Ion Ratio Lower Upper
188 100
94 8.4 5.8 8.8
80 8.7 7.5 11.3



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: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026691.D

Acq: 21 Apr 2017 18:11

Instrument :

BNA_G

ClientSampleId :

HW-7-42017

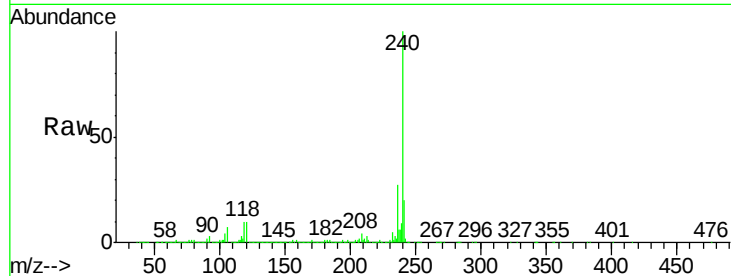
Tot Ion:240 Resp: 1342693

Ion Ratio Lower Upper

240 100

120 10.3 5.7 8.5#

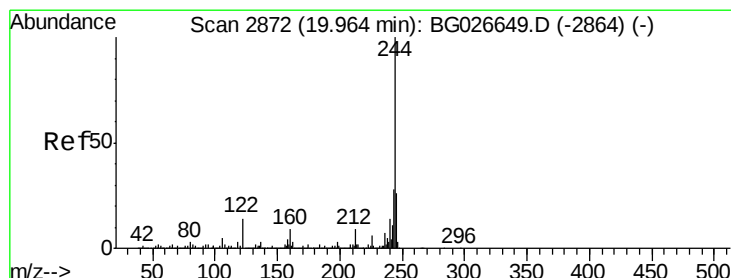
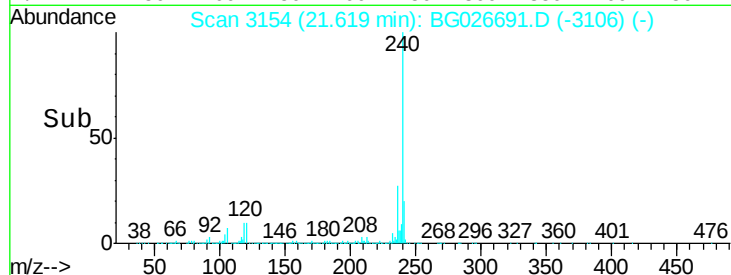
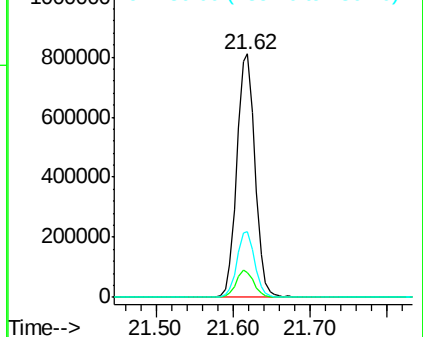
236 27.1 22.2 33.4



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: 82.89 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026691.D

Acq: 21 Apr 2017 18:11

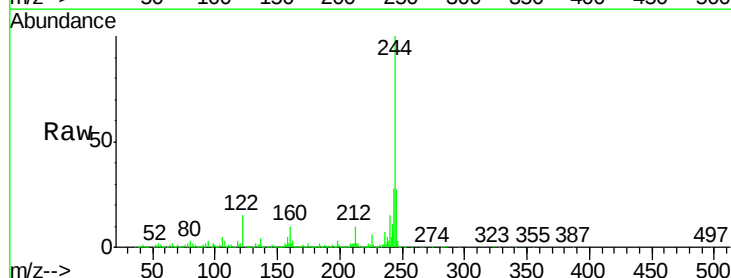
Tgt Ion:244 Resp: 3769697

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0#

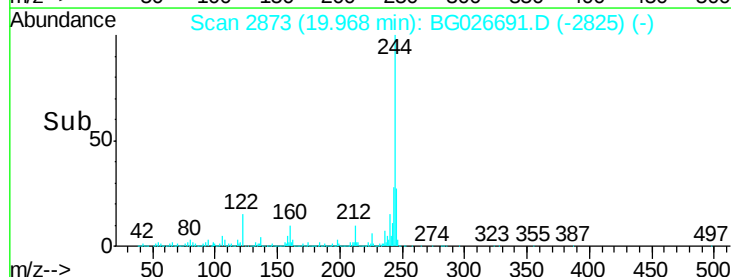
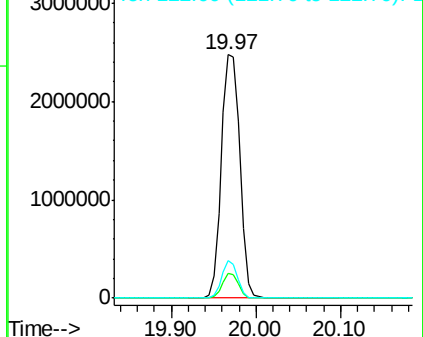
122 15.2 8.6 12.8#

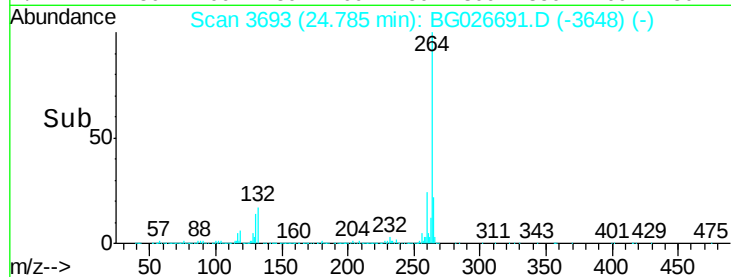
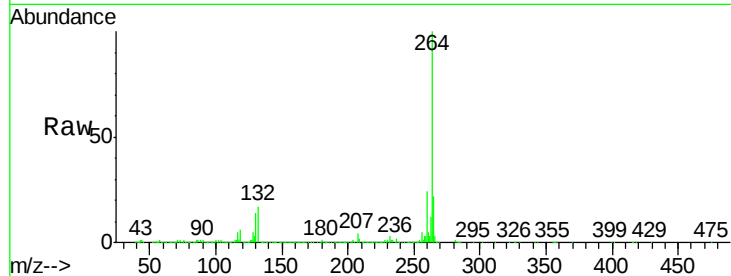
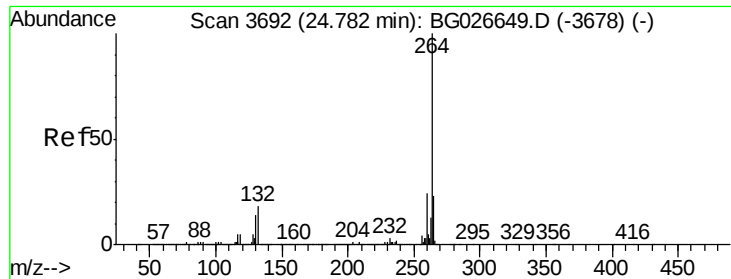


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.79 min Scan# 3693
Delta R.T. -0.04 min
Lab File: BG026691.D
Acq: 21 Apr 2017 18:11

Instrument :
BNA_G
ClientSampleId :
HW-7-42017

Tot Ion: 264 Resp: 1275675

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	22.2	18.2	27.4

