

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111317\
 Data File : BG030989.D
 Acq On : 14 Nov 2017 1:36
 Operator : SJ/JU
 Sample : I6301-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-F

Quant Time: Nov 14 07:19:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

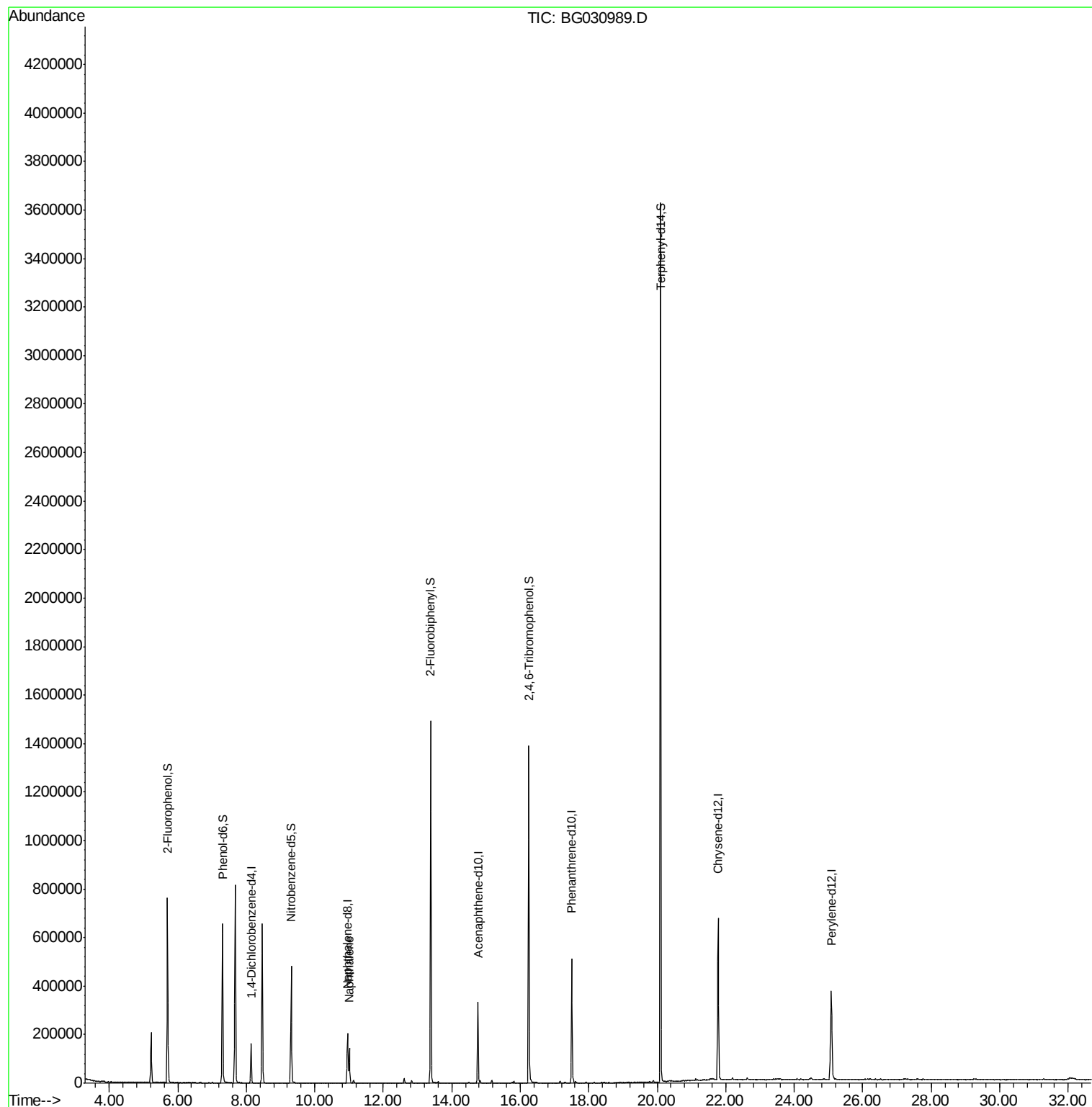
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	48028	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	194515	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	129684	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	347201	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	462691	20.00	ng	0.00
86) Perylene-d12	25.08	264	465615	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	353714	126.29	ng	0.00
7) Phenol-d6	7.31	99	403603	106.96	ng	0.00
23) Nitrobenzene-d5	9.31	82	308059	93.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	340424	162.27	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	891680	98.80	ng	-0.01
78) Terphenyl-d14	20.10	244	1839456	87.78	ng	0.00
Target Compounds						
31) Naphthalene	11.01	128	137453	14.375	ng	Qvalue 99

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

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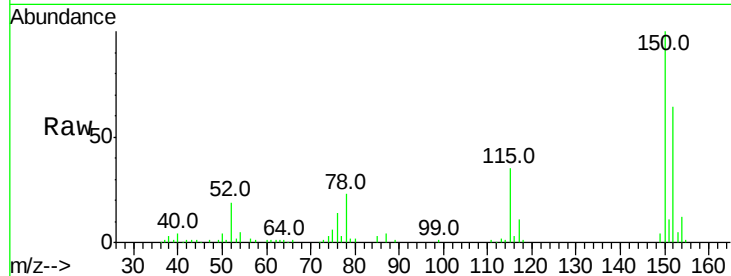


#1

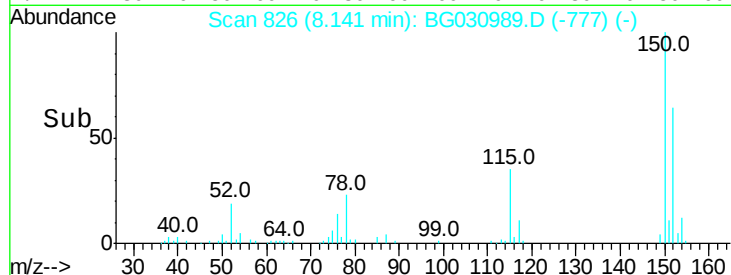
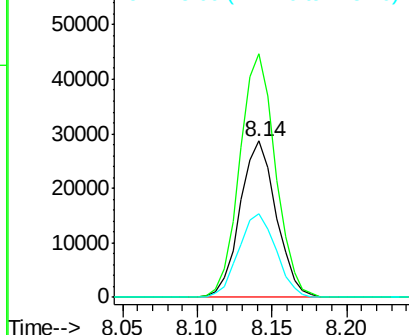
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030989.D
Acq: 14 Nov 2017 1:36

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-F

Tot Ion:152 Resp: 48028
Ion Ratio Lower Upper
152 100
150 155.8 126.6 189.8
115 53.9 53.0 79.4



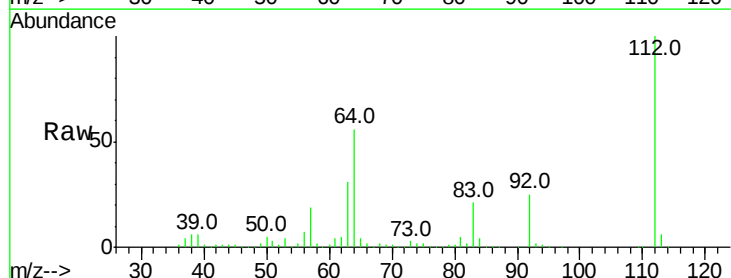
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



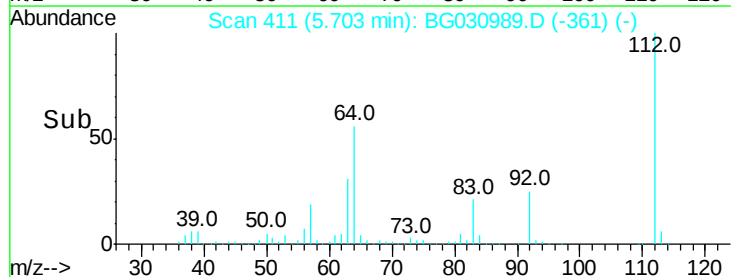
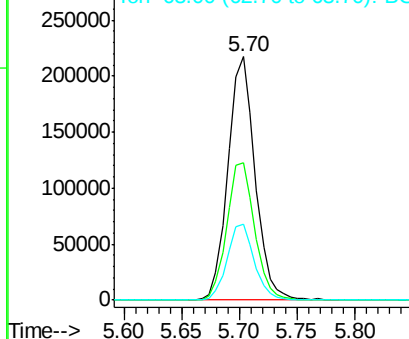
#5

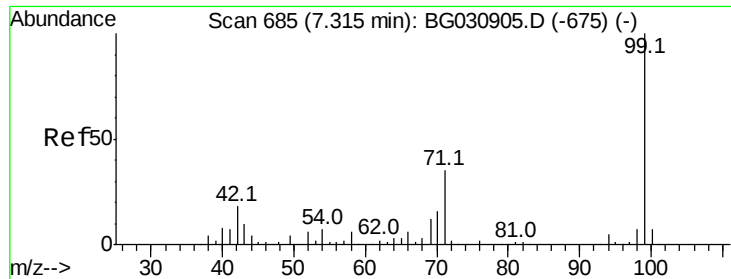
2-Fluorophenol
Concen: 126.288 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030989.D
Acq: 14 Nov 2017 1:36

Tgt Ion:112 Resp: 353714
Ion Ratio Lower Upper
112 100
64 56.3 56.3 84.5
63 31.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 106.961 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030989.D

Acq: 14 Nov 2017 1:36

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-F

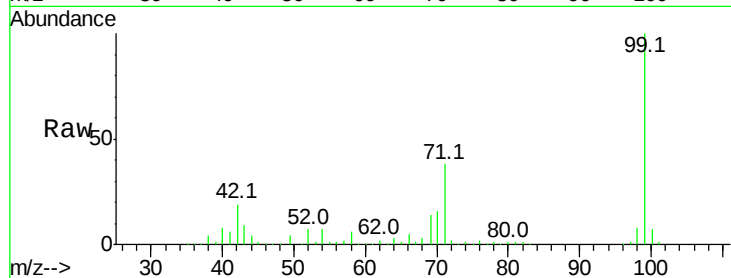
Tot Ion: 99 Resp: 403603

Ion Ratio Lower Upper

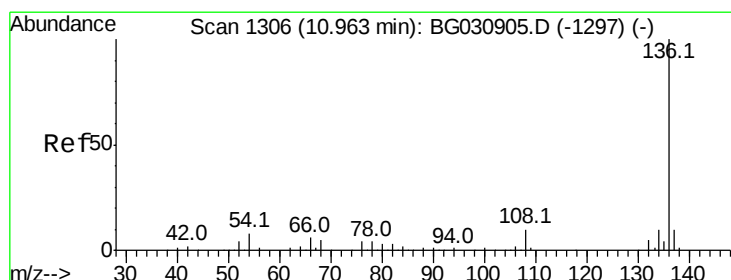
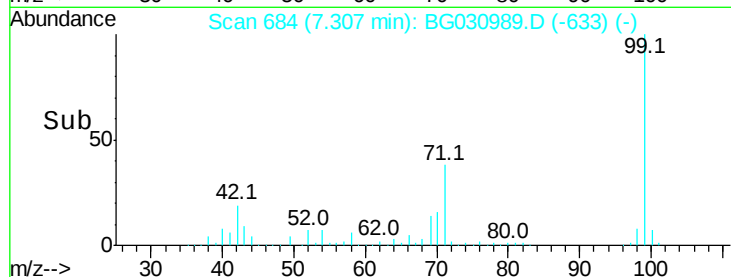
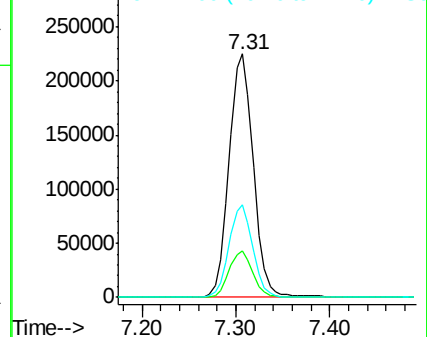
99 100

42 19.3 14.1 21.1

71 38.2 26.1 39.1



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: 20.000 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030989.D

Acq: 14 Nov 2017 1:36

Tgt Ion: 136 Resp: 194515

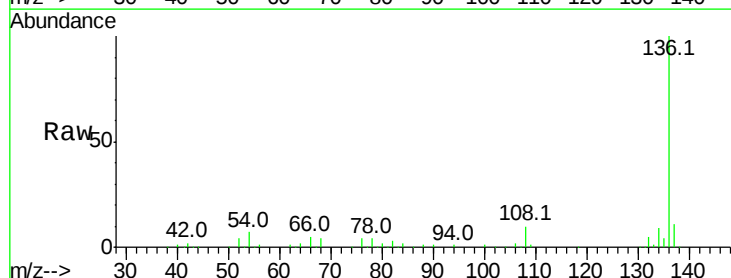
Ion Ratio Lower Upper

136 100

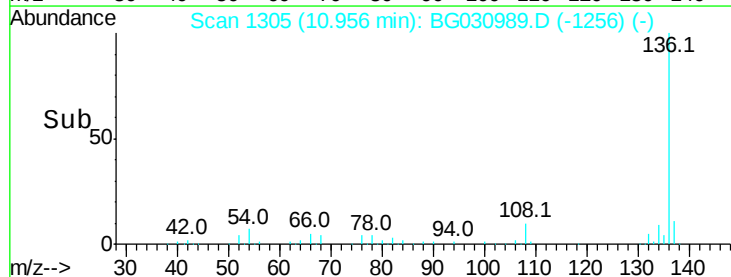
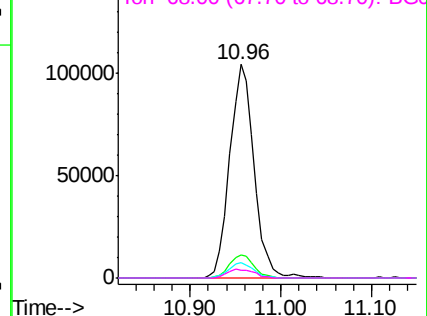
137 11.0 9.2 13.8

54 7.1 10.3 15.5#

68 3.8 4.5 6.7#



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: 93.846 ng

RT: 9.31 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG030989.D

Acq: 14 Nov 2017 1:36

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-F

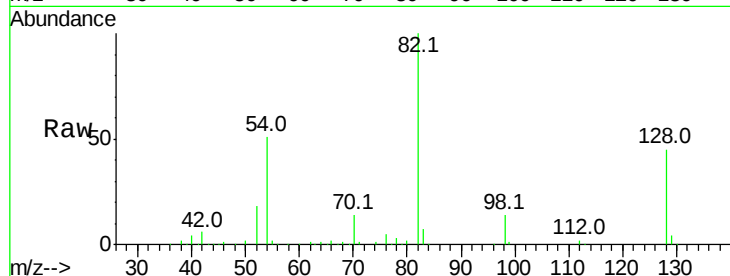
Tot Ion: 82 Resp: 308059

Ion Ratio Lower Upper

82 100

128 44.9 29.7 44.5#

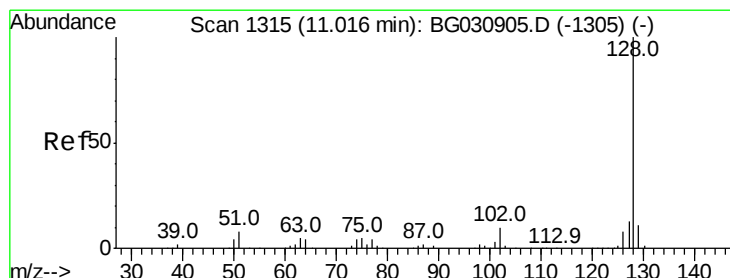
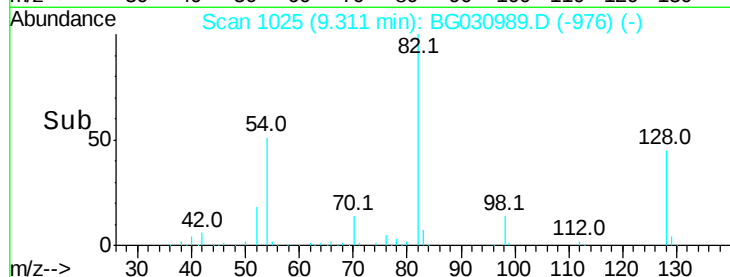
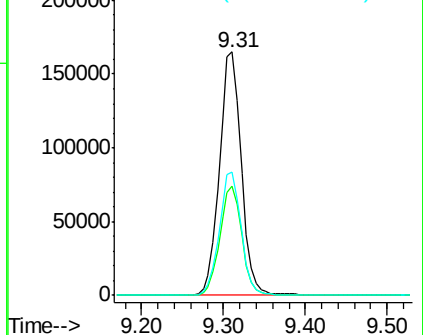
54 50.8 43.1 64.7



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



#31

Naphthalene

Concen: 14.375 ng

RT: 11.01 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BG030989.D

Acq: 14 Nov 2017 1:36

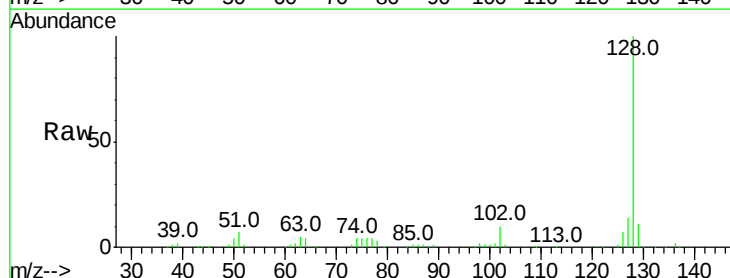
Tgt Ion: 128 Resp: 137453

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

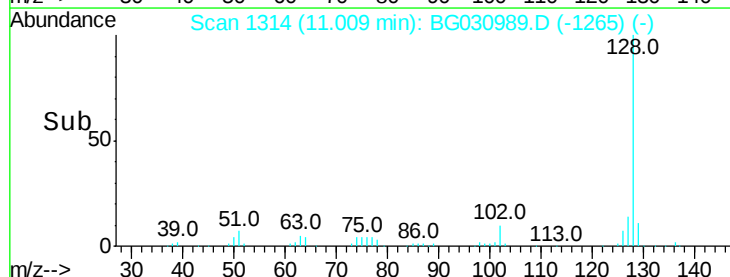
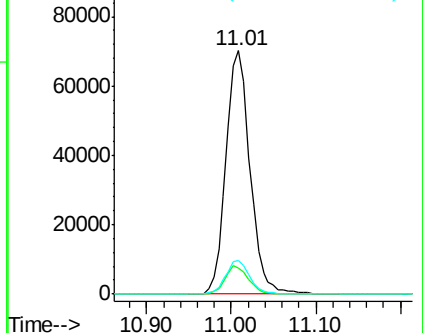
127 13.7 11.6 17.4

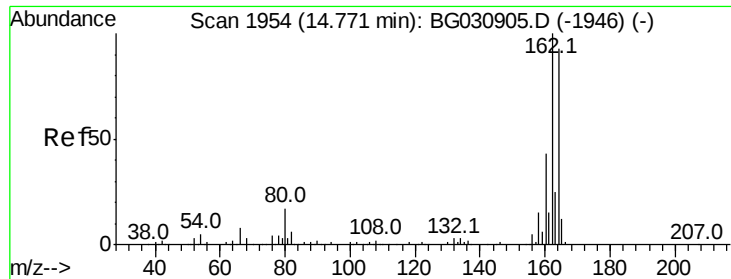


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030989.D

Acq: 14 Nov 2017 1:36

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-F

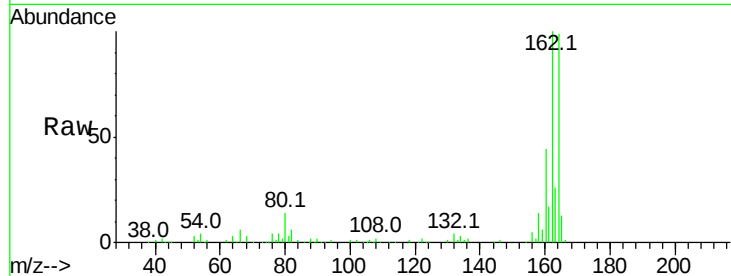
Tot Ion:164 Resp: 129684

Ion Ratio Lower Upper

164 100

162 101.5 78.8 118.2

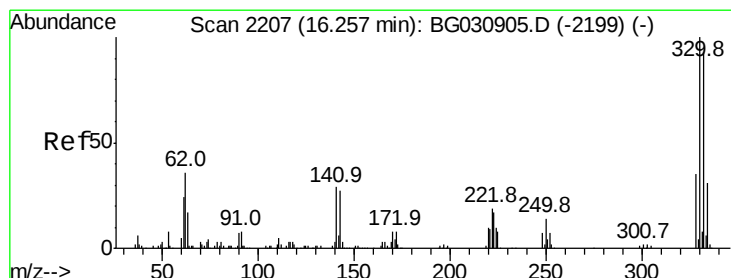
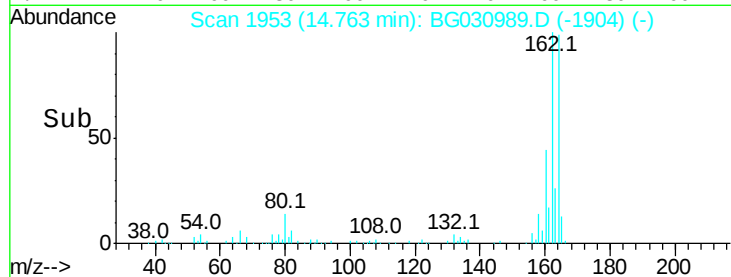
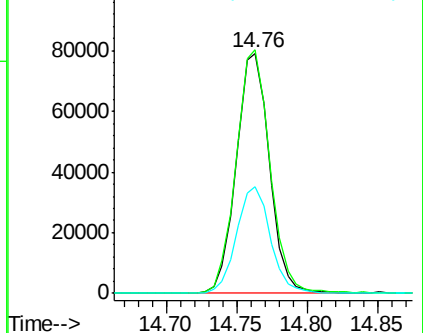
160 44.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 162.272 ng

RT: 16.25 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG030989.D

Acq: 14 Nov 2017 1:36

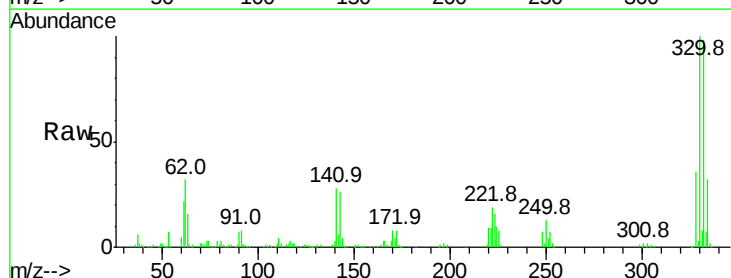
Tgt Ion:330 Resp: 340424

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

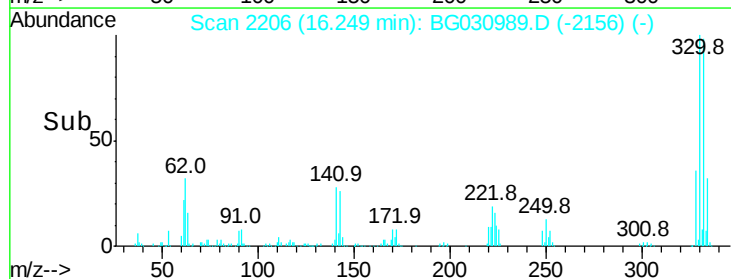
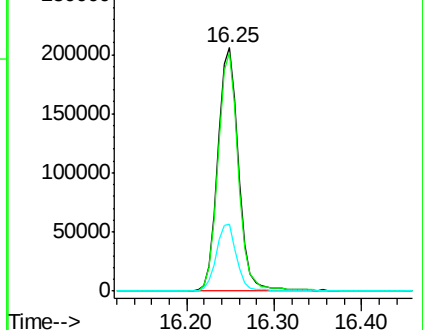
141 27.2 25.2 37.8

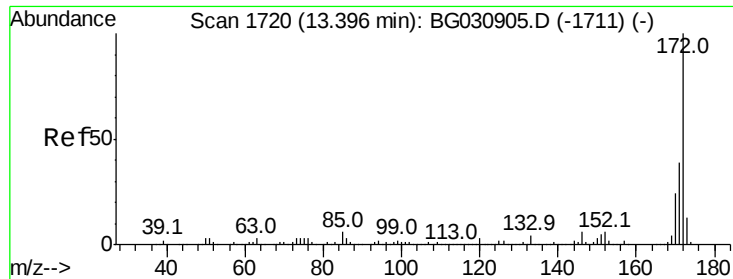


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

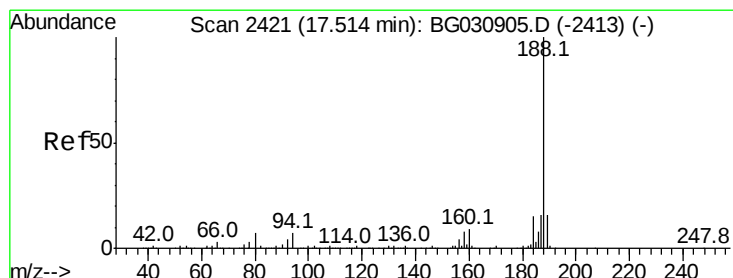
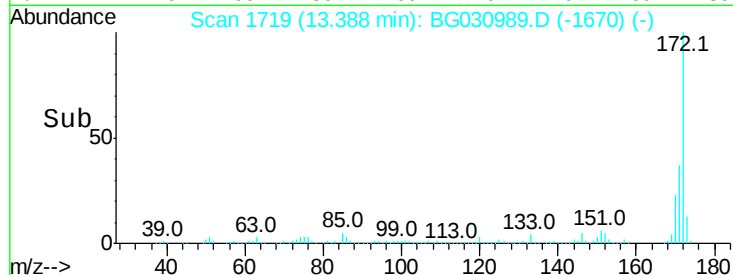
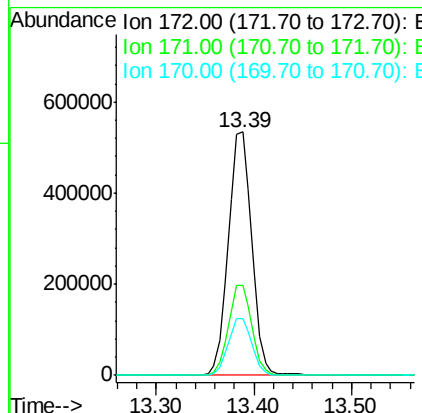
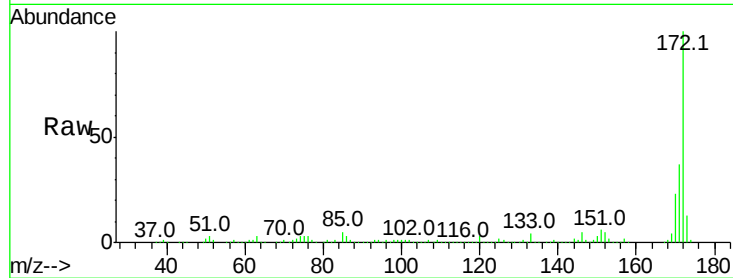




#44
 2-Fluorobiphenyl
 Concen: 98.798 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030989.D
 Acq: 14 Nov 2017 1:36

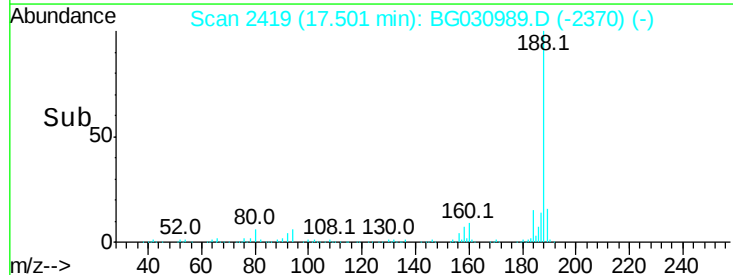
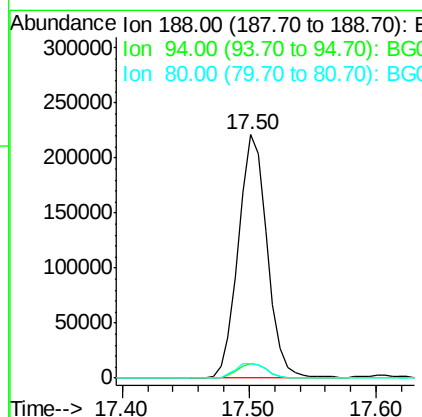
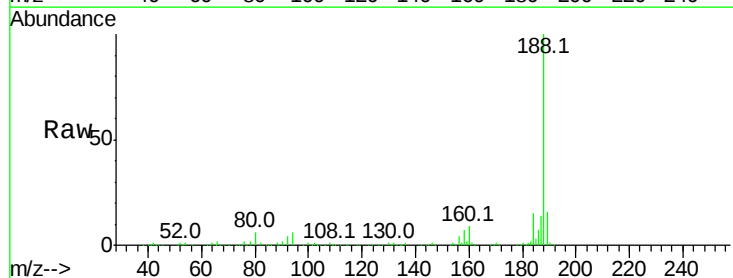
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-F

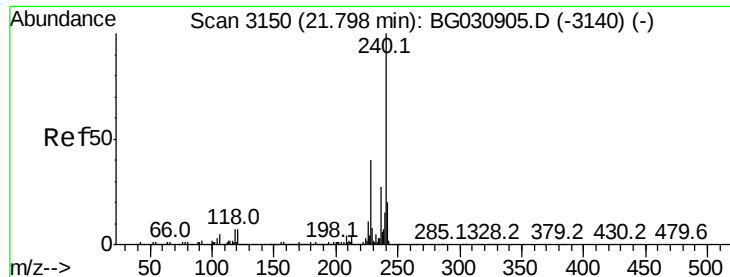
Tot Ion:172 Resp: 891680
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 23.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG030989.D
 Acq: 14 Nov 2017 1:36

Tgt Ion:188 Resp: 347201
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.9 10.3#
 80 6.2 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030989.D

Acq: 14 Nov 2017 1:36

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-F

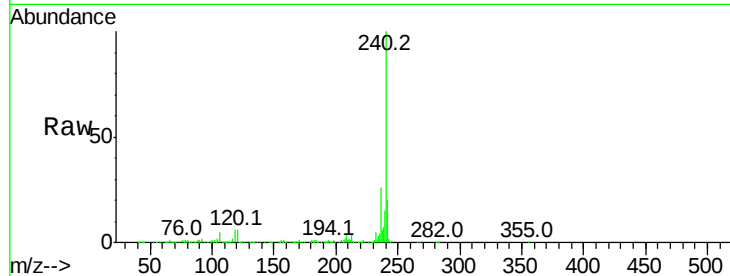
Tot Ion:240 Resp: 462691

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

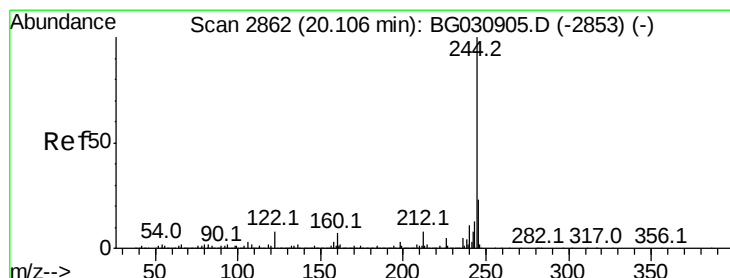
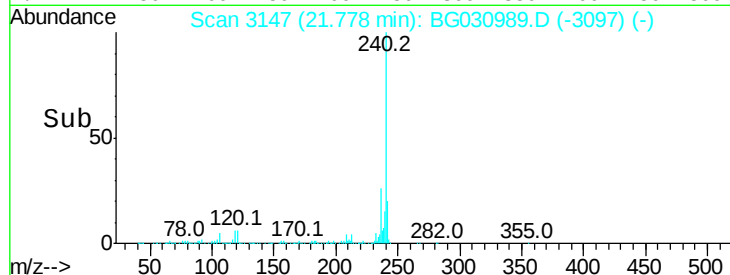
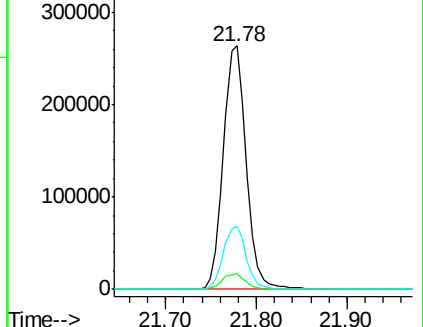
236 26.2 20.9 31.3



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: 87.784 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG030989.D

Acq: 14 Nov 2017 1:36

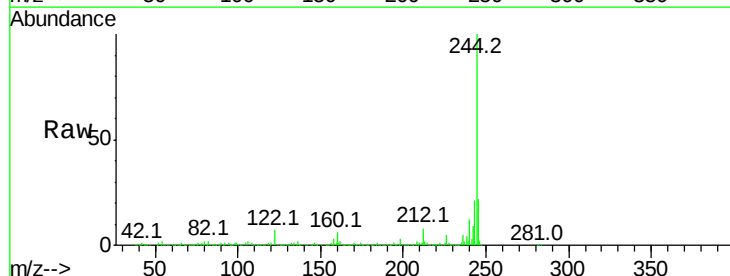
Tgt Ion:244 Resp: 1839456

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

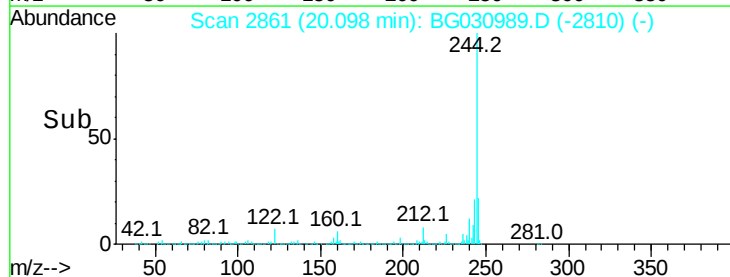
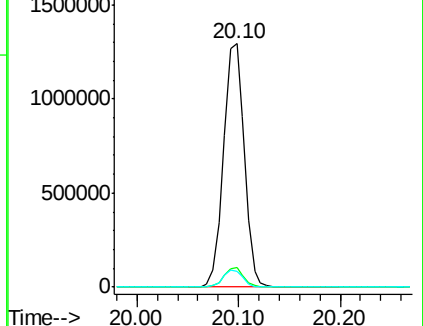
122 6.6 7.0 10.4#



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

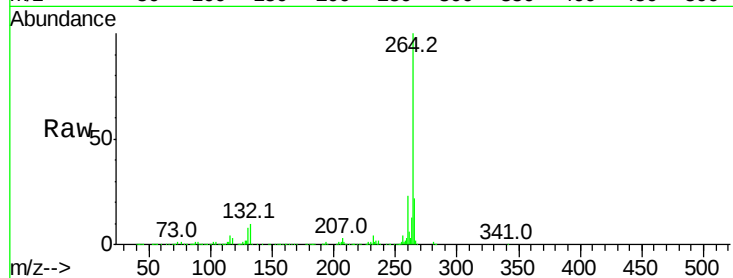




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG030989.D
Acq: 14 Nov 2017 1:36

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-F

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.6	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

