

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027390.D
 Acq On : 13 Jun 2017 17:41
 Operator : SJ/MA
 Sample : PB99729BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99729BL

Quant Time: Jun 14 07:13:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.54	152	49423	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	217051	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	128168	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	326432	20.00	ng	-0.04
75) Chrysene-d12	22.25	240	379705	20.00	ng	-0.06
86) Perylene-d12	25.92	264	360225	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	487592	150.55	ng	-0.02
7) Phenol-d6	7.68	99	663534	139.57	ng	-0.02
23) Nitrobenzene-d5	9.71	82	368482	106.77	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	264277	156.59	ng	-0.04
44) 2-Fluorobiphenyl	13.75	172	815548	89.02	ng	-0.04
78) Terphenyl-d14	20.45	244	1464164	98.37	ng	-0.05

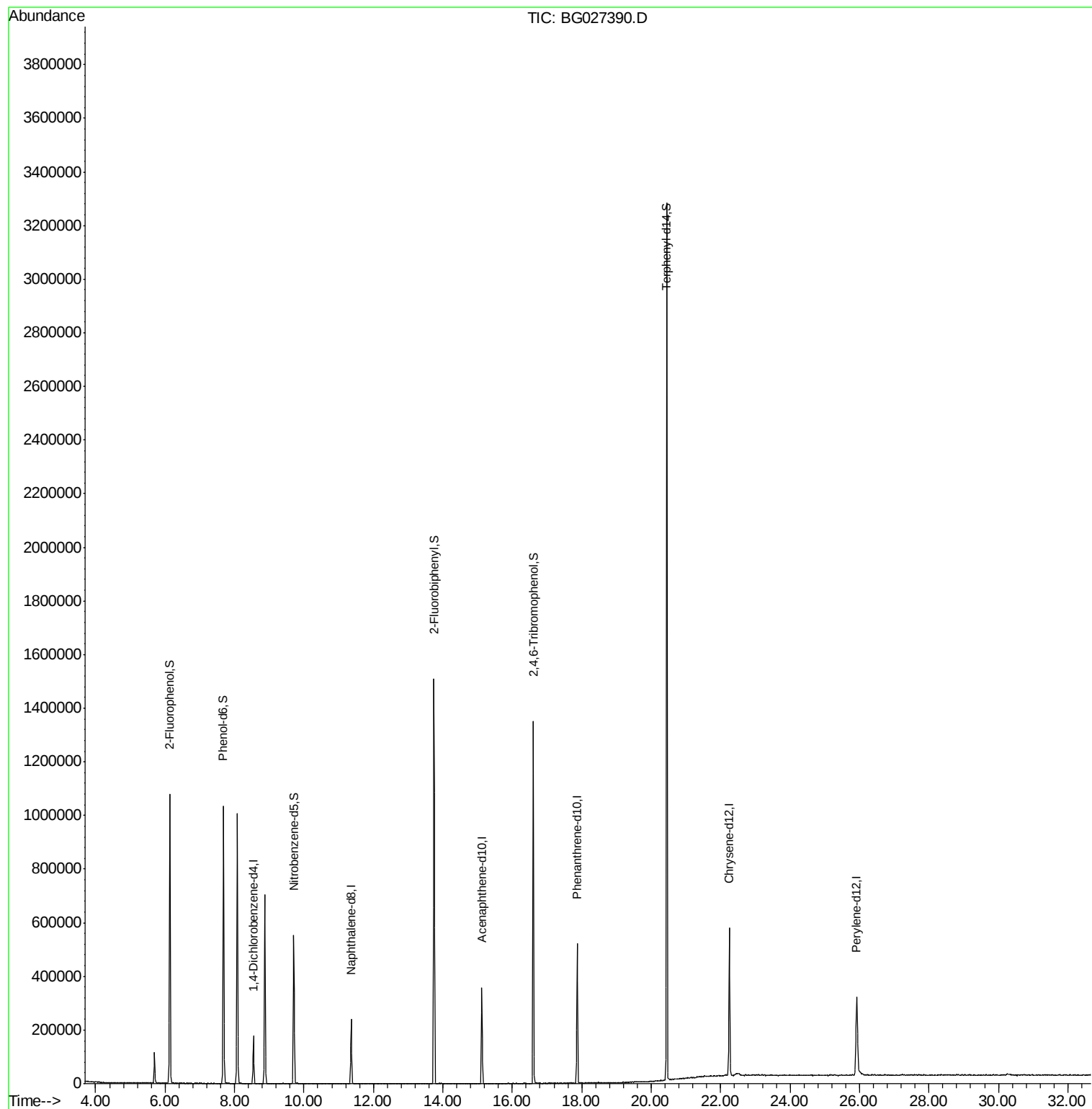
Target Compounds Qvalue

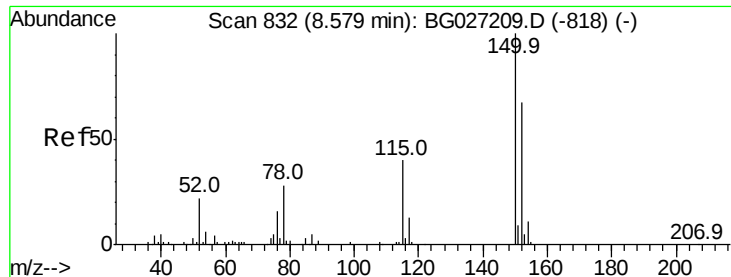
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.54 min Scan# 826

Delta R.T. -0.04 min

Lab File: BG027390.D

Acq: 13 Jun 2017 17:41

Instrument :

BNA_G

ClientSampleId :

PB99729BL

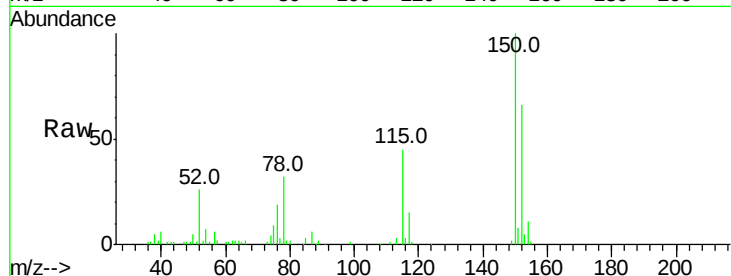
Tot Ion:152 Resp: 49423

Ion Ratio Lower Upper

152 100

150 152.3 114.0 171.0

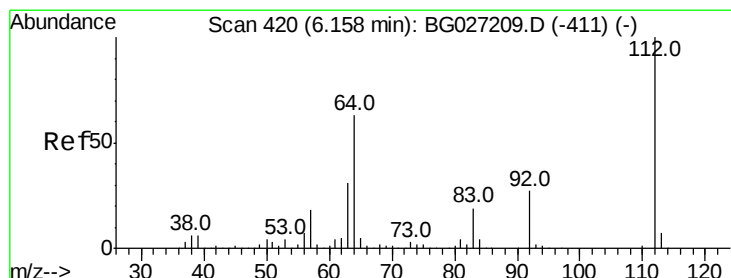
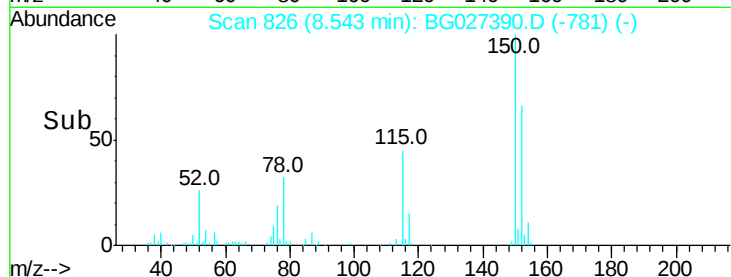
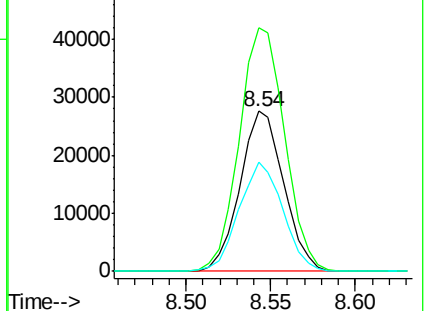
115 68.7 48.1 72.1



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



#5

2-Fluorophenol

Concen: 150.55 ng

RT: 6.13 min Scan# 416

Delta R.T. -0.02 min

Lab File: BG027390.D

Acq: 13 Jun 2017 17:41

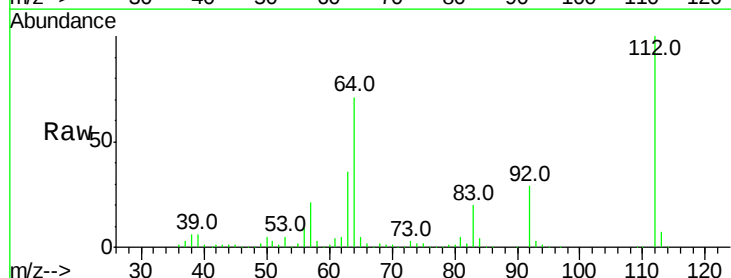
Tgt Ion:112 Resp: 487592

Ion Ratio Lower Upper

112 100

64 71.0 61.8 92.6

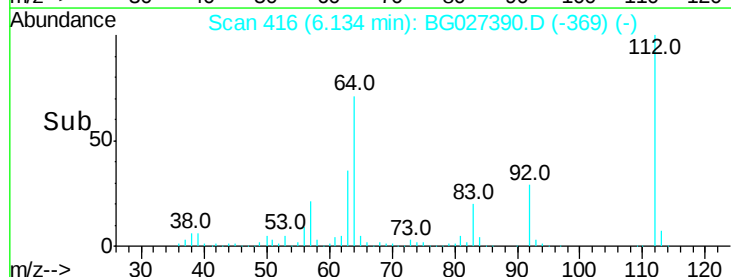
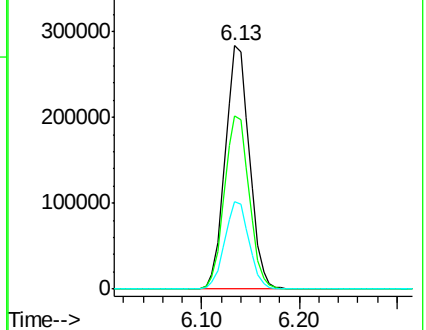
63 36.0 37.2 55.8#

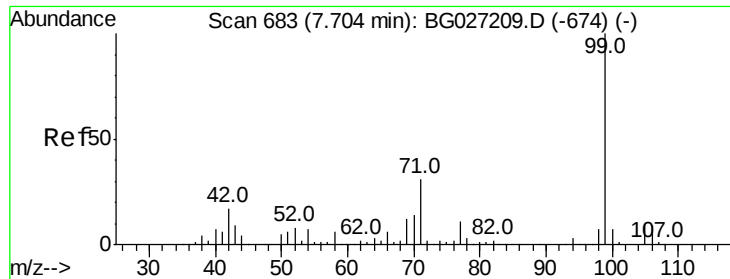


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.57 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG027390.D

Acq: 13 Jun 2017 17:41

Instrument :

BNA_G

ClientSampleId :

PB99729BL

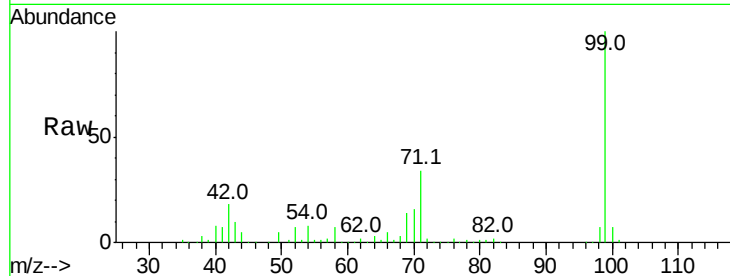
Tot Ion: 99 Resp: 663534

Ion Ratio Lower Upper

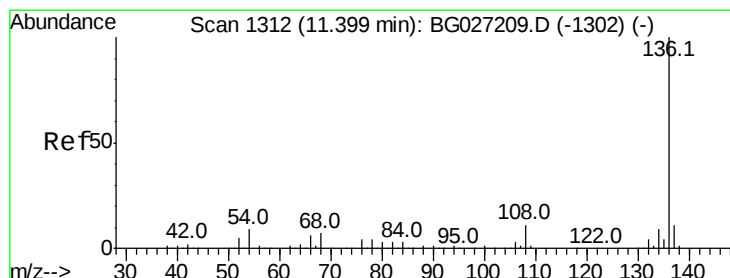
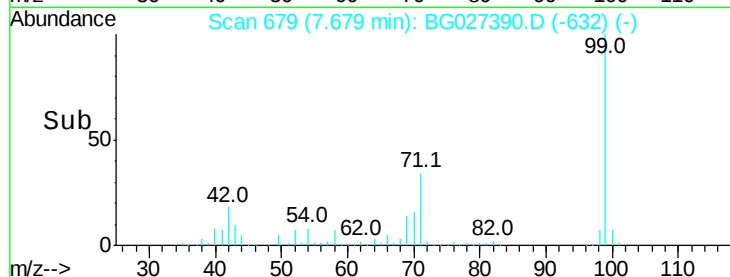
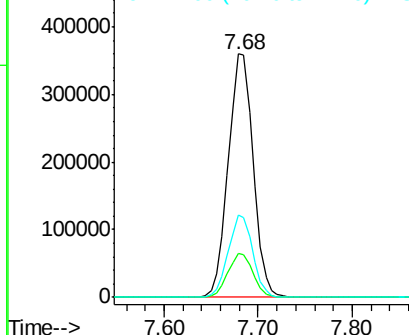
99 100

42 18.1 20.5 30.7#

71 34.0 37.6 56.4#



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: 11.36 min Scan# 1305

Delta R.T. -0.04 min

Lab File: BG027390.D

Acq: 13 Jun 2017 17:41

Tgt Ion: 136 Resp: 217051

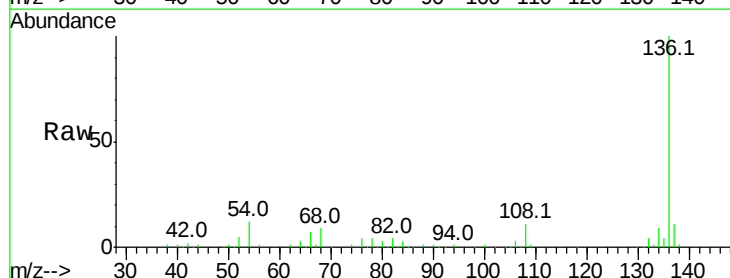
Ion Ratio Lower Upper

136 100

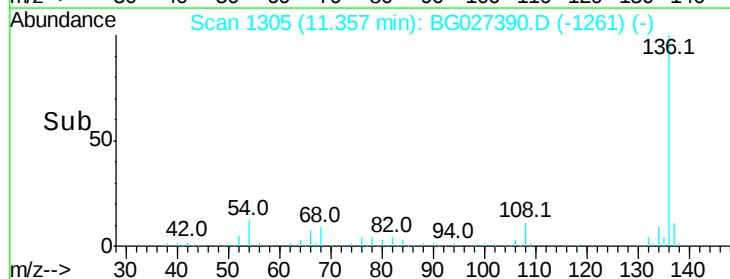
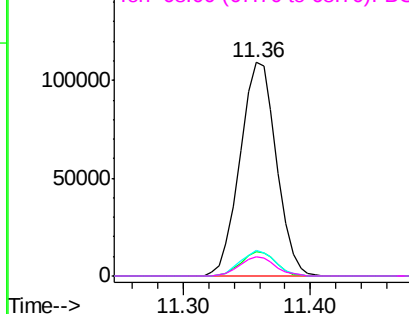
137 11.2 8.9 13.3

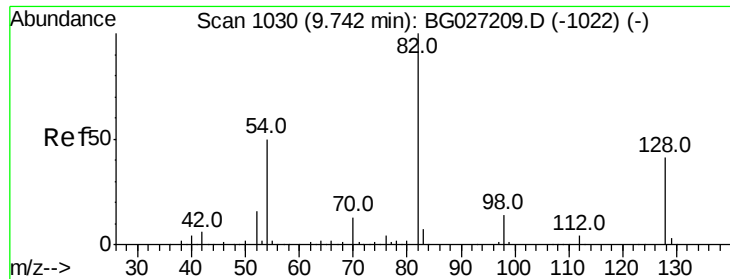
54 11.8 9.3 13.9

68 8.8 5.1 7.7#



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

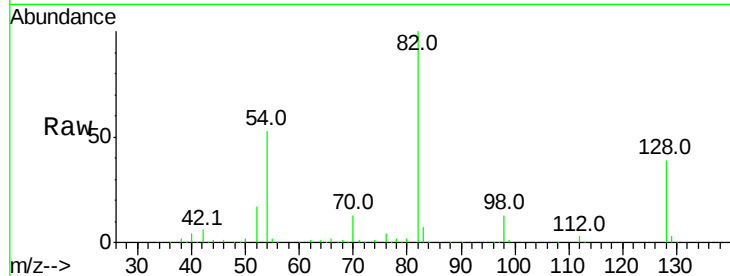




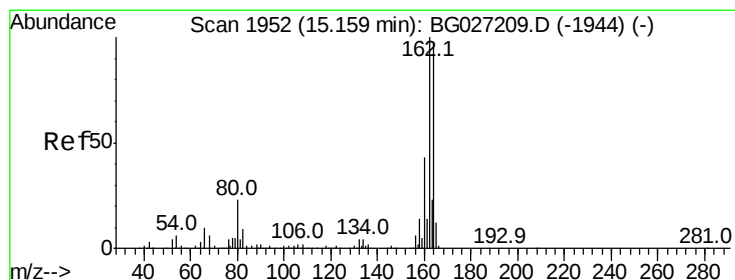
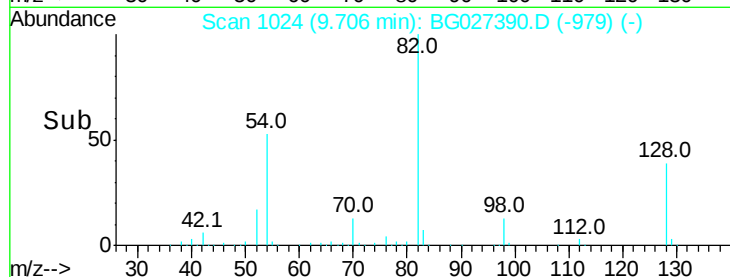
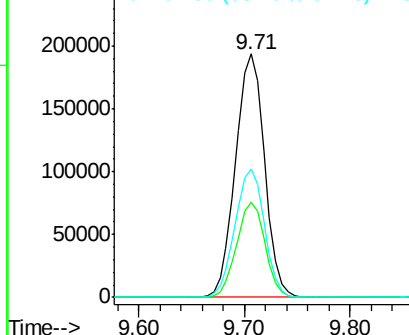
#23
 Nitrobenzene-d5
 Concen: 106.77 ng
 RT: 9.71 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027390.D
 Acq: 13 Jun 2017 17:41

Instrument :
 BNA_G
 ClientSampled :
 PB99729BL

Tot Ion	82	Resp	368482
Ion Ratio	100	Lower	Upper
128	39.0	26.4	39.6
54	52.9	49.4	74.2

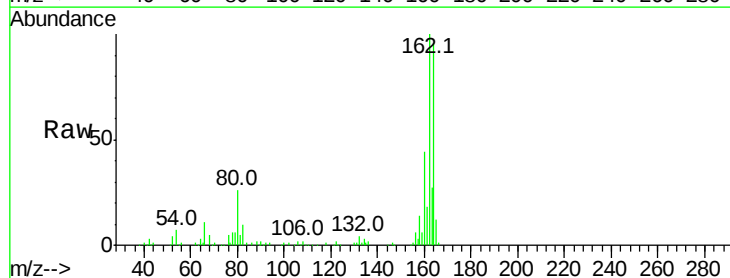


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

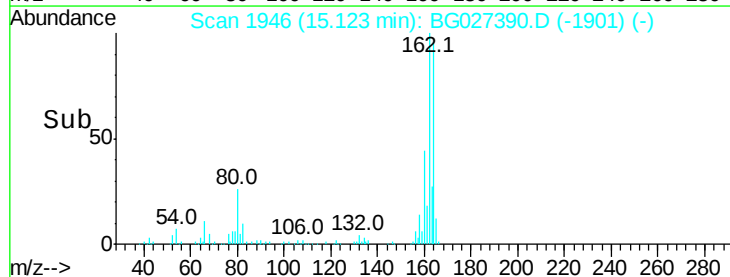
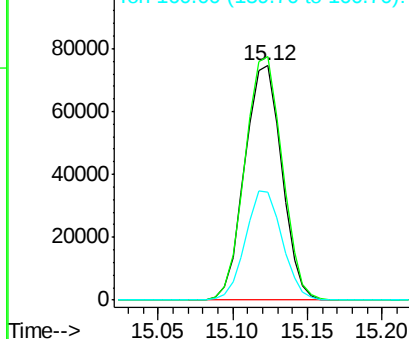


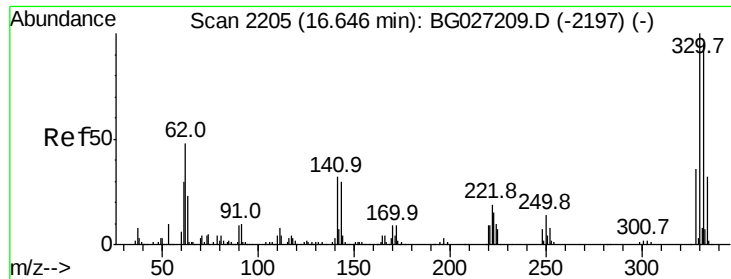
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: BG027390.D
 Acq: 13 Jun 2017 17:41

Tgt Ion	164	Resp	128168
Ion Ratio	100	Lower	Upper
162	103.8	85.1	127.7
160	45.8	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

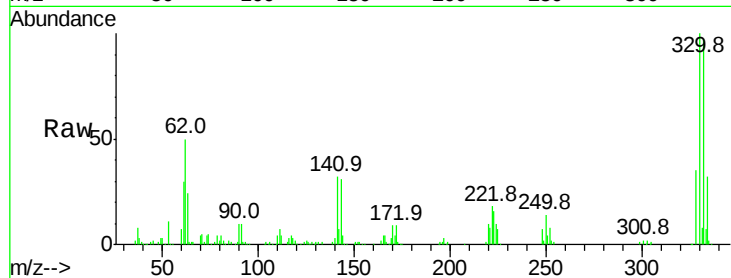




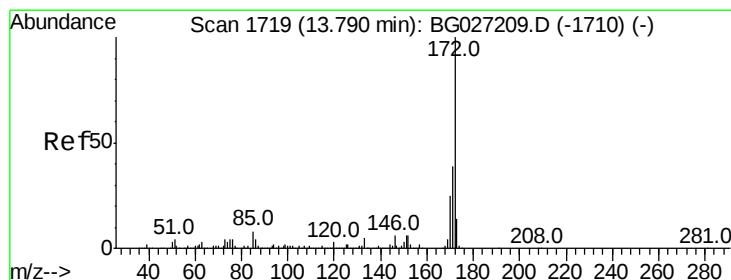
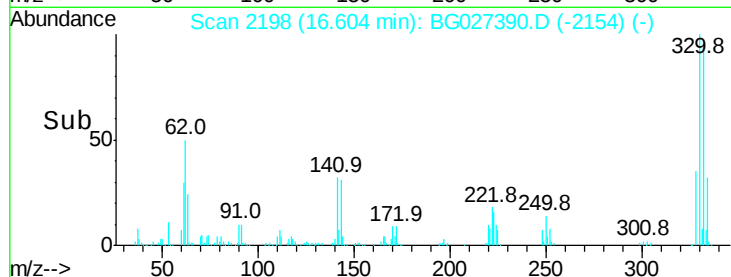
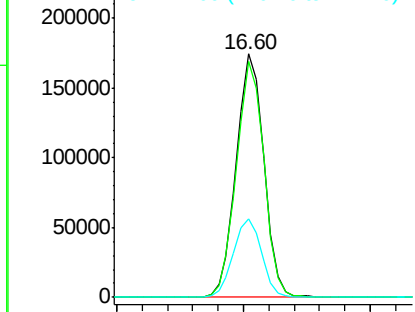
#41
 2,4,6-Tribromophenol
 Concen: 156.59 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027390.D
 Acq: 13 Jun 2017 17:41

Instrument :
 BNA_G
 ClientSampleId :
 PB99729BL

Tot Ion:330 Resp: 264277
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 33.0 32.1 48.1

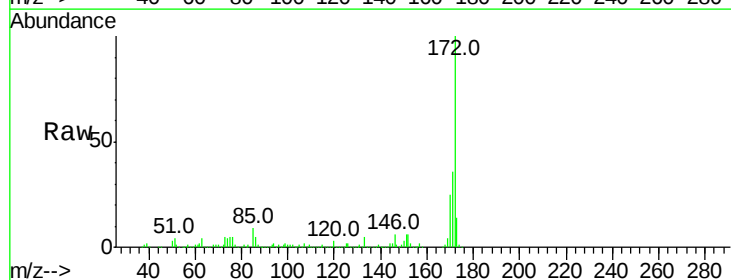


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

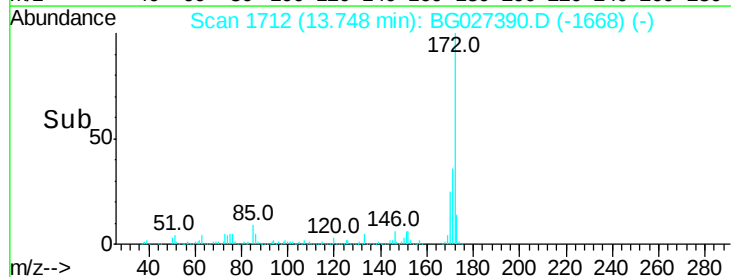
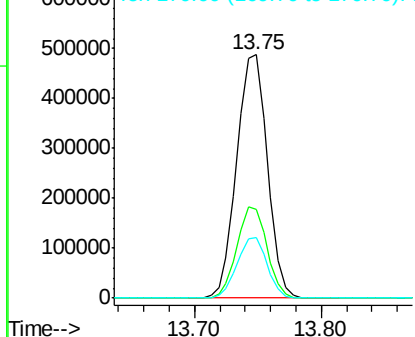


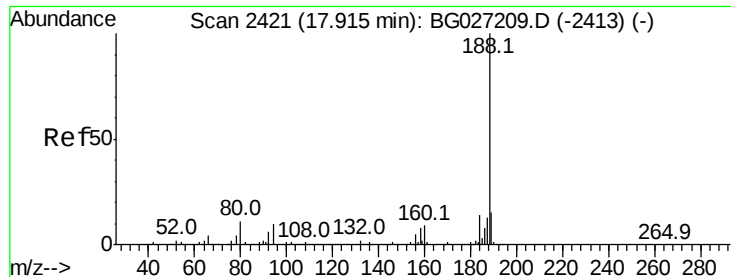
#44
 2-Fluorobiphenyl
 Concen: 89.02 ng
 RT: 13.75 min Scan# 1712
 Delta R.T. -0.04 min
 Lab File: BG027390.D
 Acq: 13 Jun 2017 17:41

Tgt Ion:172 Resp: 815548
 Ion Ratio Lower Upper
 172 100
 171 36.4 32.2 48.2
 170 24.9 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

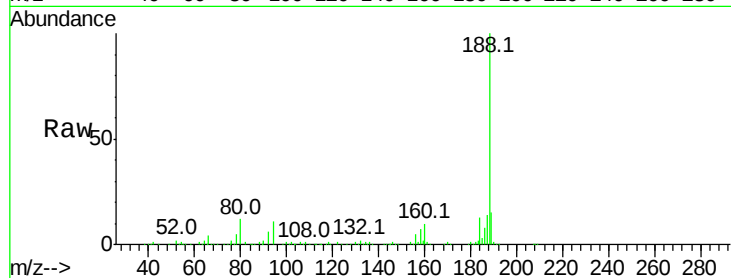




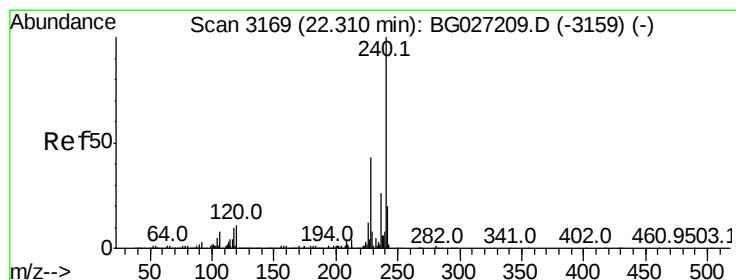
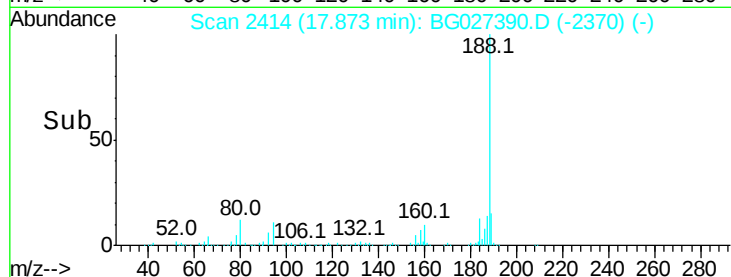
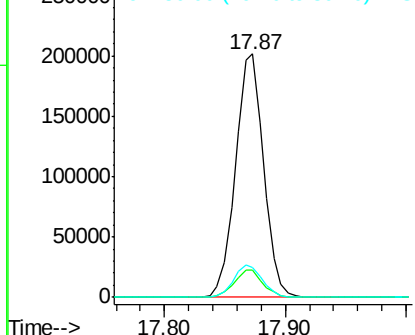
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.87 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG027390.D
Acq: 13 Jun 2017 17:41

Instrument :
BNA_G
ClientSampleId :
PB99729BL

Tot Ion:188 Resp: 326432
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 12.4 7.5 11.3#

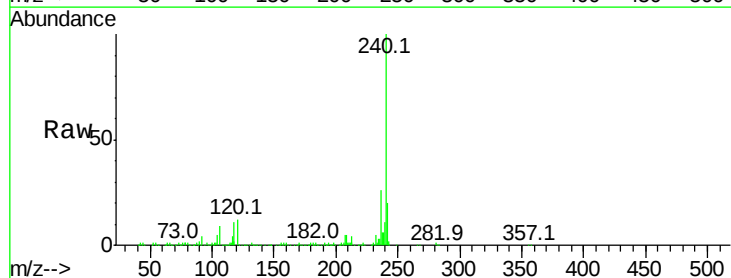


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

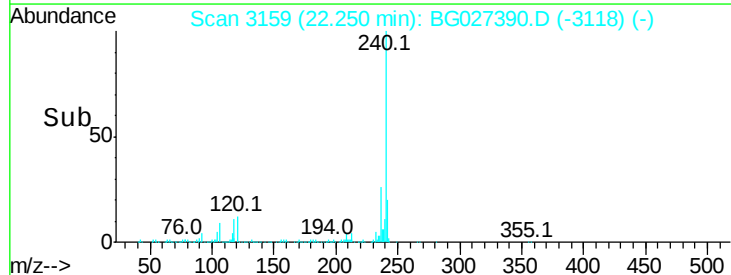
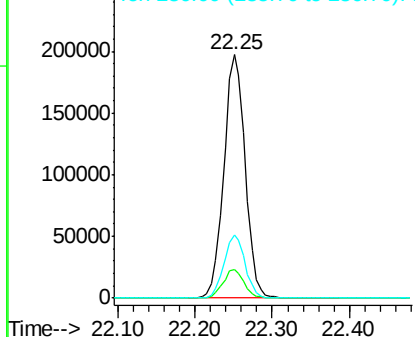


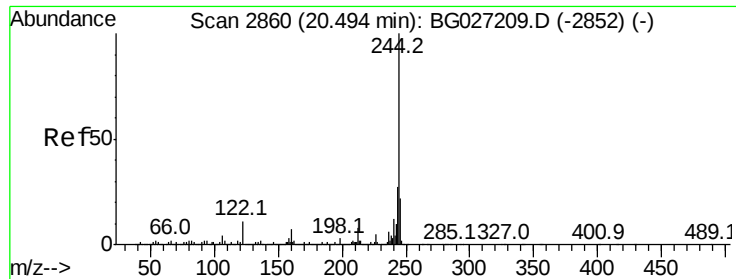
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.25 min Scan# 3159
Delta R.T. -0.06 min
Lab File: BG027390.D
Acq: 13 Jun 2017 17:41

Tgt Ion:240 Resp: 379705
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 25.9 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: 98.37 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027390.D

Acq: 13 Jun 2017 17:41

Instrument :

BNA_G

ClientSampleId :

PB99729BL

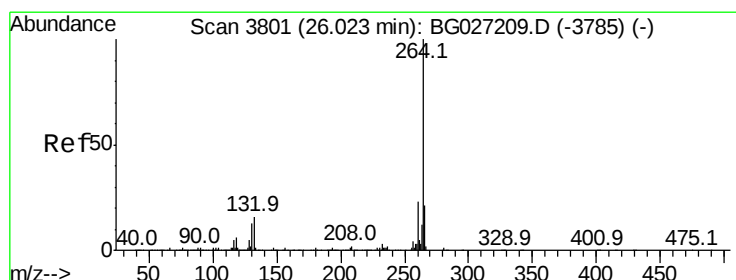
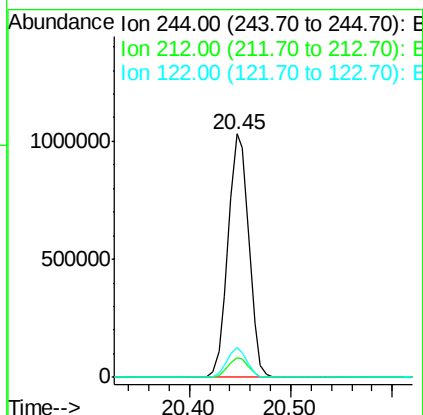
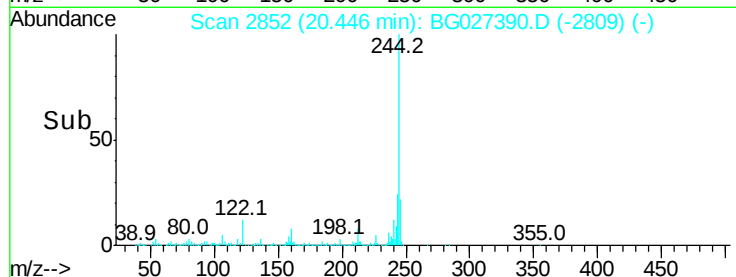
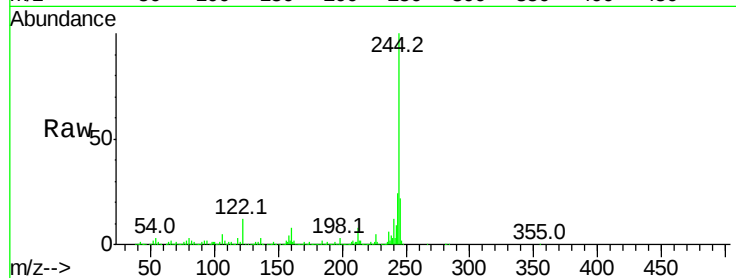
Tot Ion:244 Resp: 1464164

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

122 12.4 8.6 12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.92 min Scan# 3784

Delta R.T. -0.10 min

Lab File: BG027390.D

Acq: 13 Jun 2017 17:41

Tgt Ion:264 Resp: 360225

Ion Ratio Lower Upper

264 100

260 24.8 21.8 32.8

265 22.1 18.2 27.4

