

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
 Data File : BG027392.D
 Acq On : 13 Jun 2017 19:01
 Operator : SJ/MA
 Sample : PB99729TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99729TB

Quant Time: Jun 14 07:18:22 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	48140	20.00	ng	-0.04
21) Naphthalene-d8	11.36	136	211244	20.00	ng	-0.04
38) Acenaphthene-d10	15.12	164	121210	20.00	ng	-0.04
63) Phenanthrene-d10	17.87	188	323765	20.00	ng	-0.05
75) Chrysene-d12	22.25	240	390439	20.00	ng	-0.06
86) Perylene-d12	25.92	264	364309	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	501395	158.93	ng	-0.02
7) Phenol-d6	7.68	99	685219	147.97	ng	-0.02
23) Nitrobenzene-d5	9.71	82	378608	112.72	ng	-0.04
41) 2,4,6-Tribromophenol	16.60	330	278317	174.37	ng	-0.04
44) 2-Fluorobiphenyl	13.74	172	844969	97.52	ng	-0.05
78) Terphenyl-d14	20.45	244	1591868	104.01	ng	-0.05

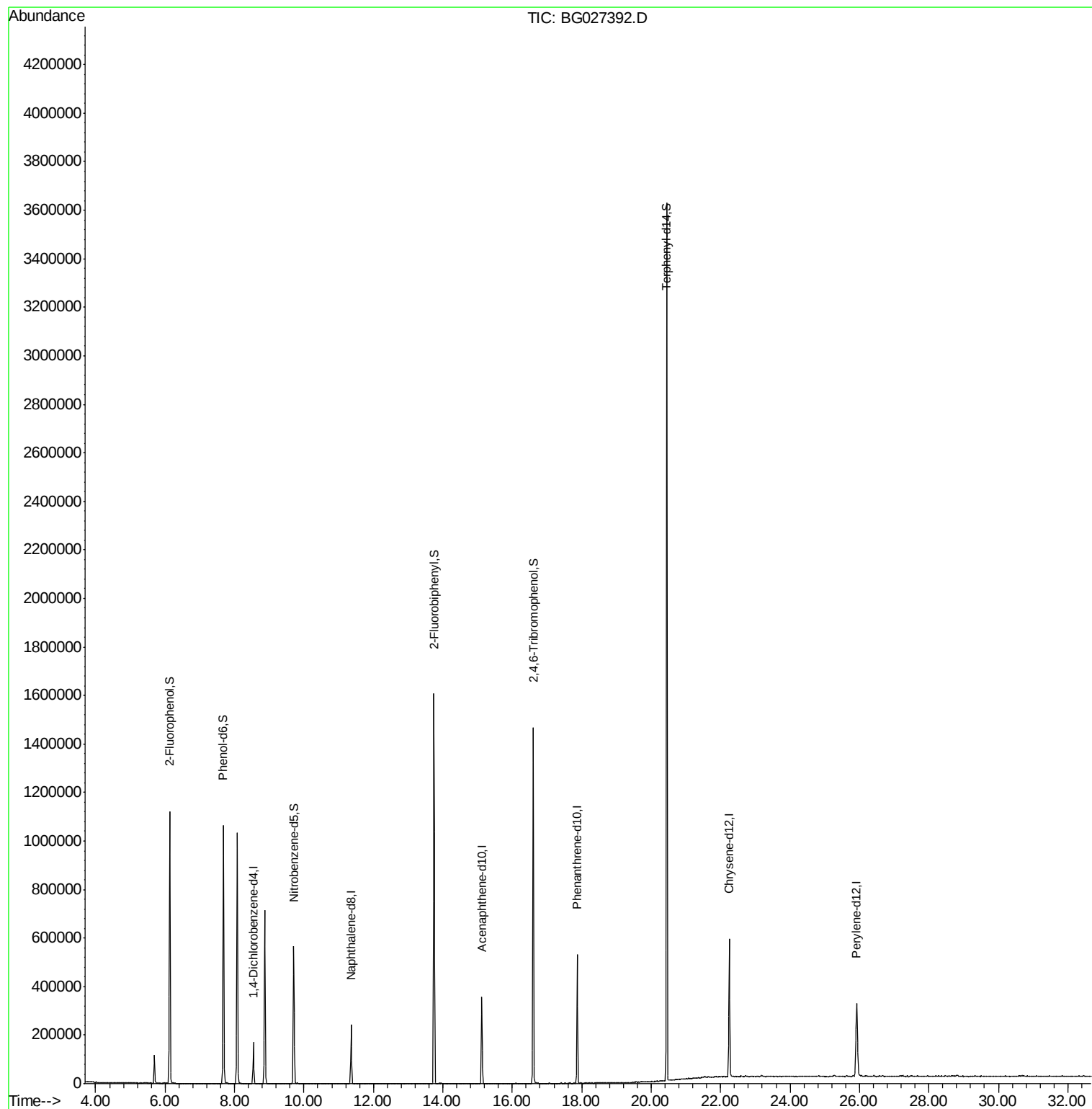
Target Compounds Qvalue

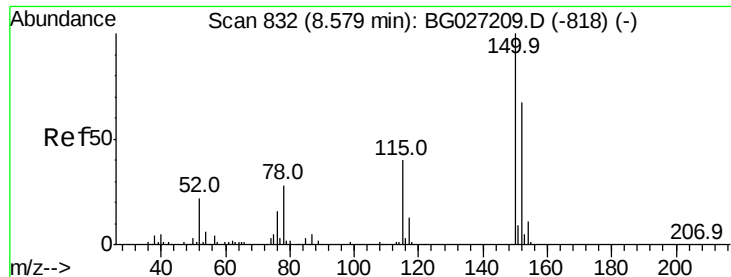
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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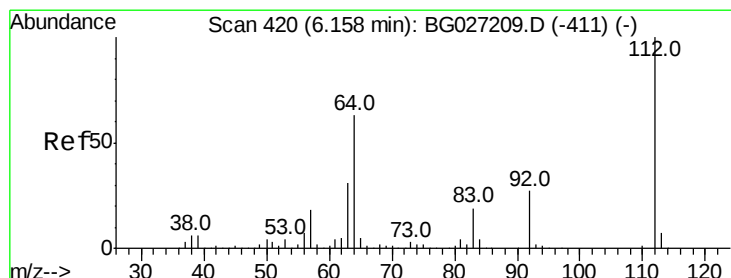
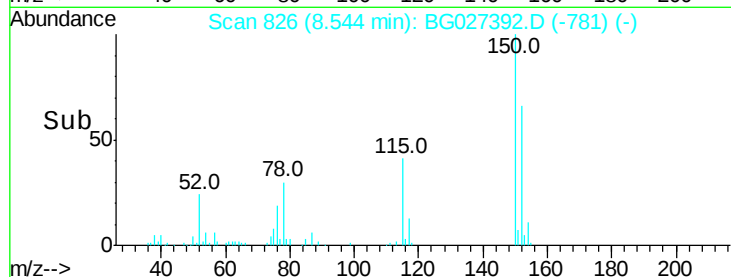
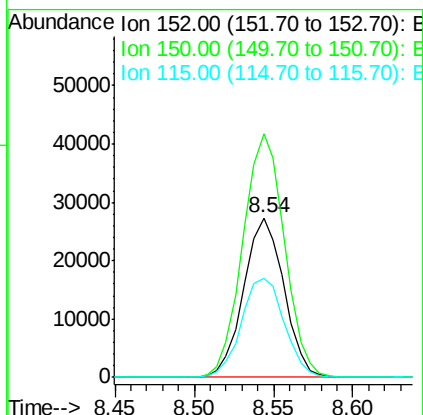
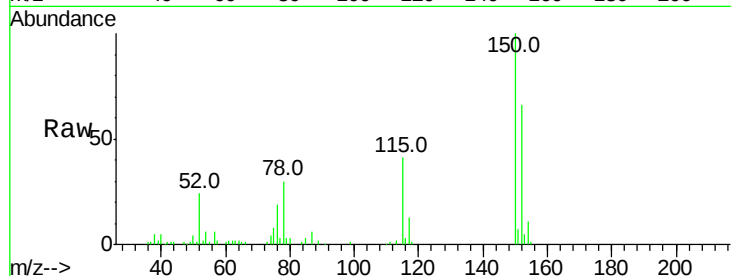


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.54 min Scan# 826
Delta R.T. -0.04 min
Lab File: BG027392.D
Acq: 13 Jun 2017 19:01

Instrument :
BNA_G
ClientSampleId :
PB99729TB

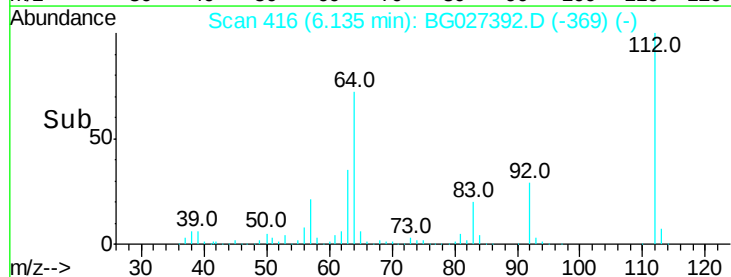
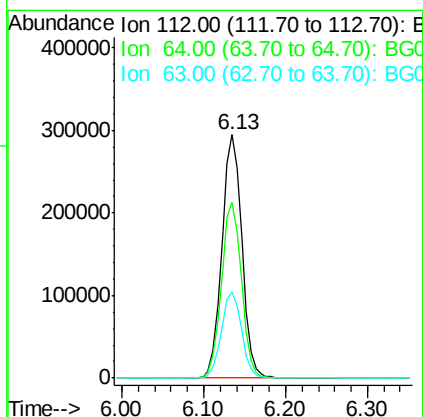
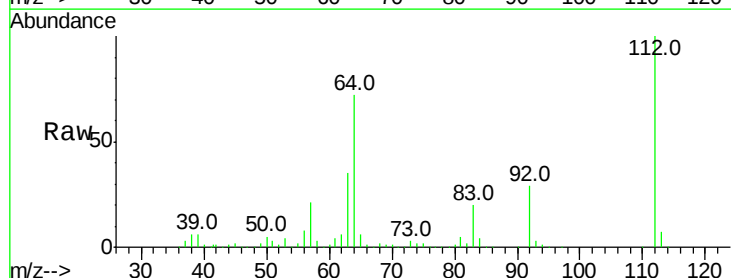
Tot Ion:152 Resp: 48140
Ion Ratio Lower Upper
152 100
150 152.4 114.0 171.0
115 61.8 48.1 72.1



#5

2-Fluorophenol
Concen: 158.93 ng
RT: 6.13 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027392.D
Acq: 13 Jun 2017 19:01

Tgt Ion:112 Resp: 501395
Ion Ratio Lower Upper
112 100
64 72.3 61.8 92.6
63 35.2 37.2 55.8#





#7

Phenol-d6

Concen: 147.97 ng

RT: 7.68 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG027392.D

Acq: 13 Jun 2017 19:01

Instrument :

BNA_G

ClientSampleID :

PB99729TB

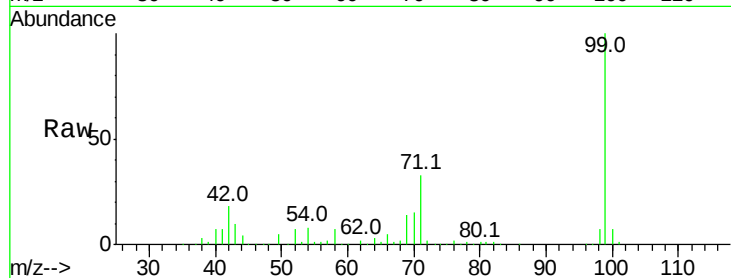
Tot Ion: 99 Resp: 685219

Ion Ratio Lower Upper

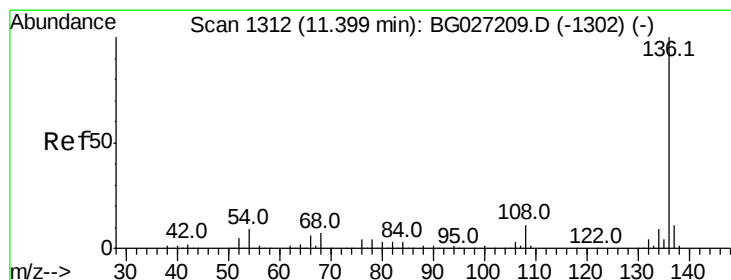
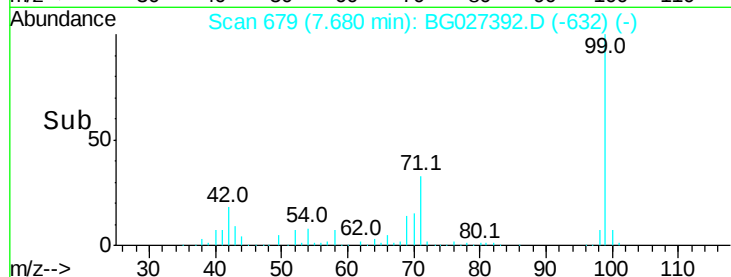
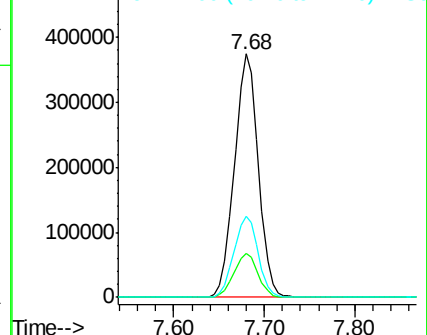
99 100

42 18.1 20.5 30.7#

71 33.2 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: BG027392.D

Acq: 13 Jun 2017 19:01

Tgt Ion: 136 Resp: 211244

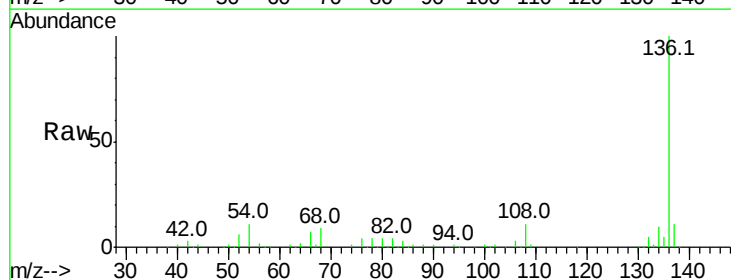
Ion Ratio Lower Upper

136 100

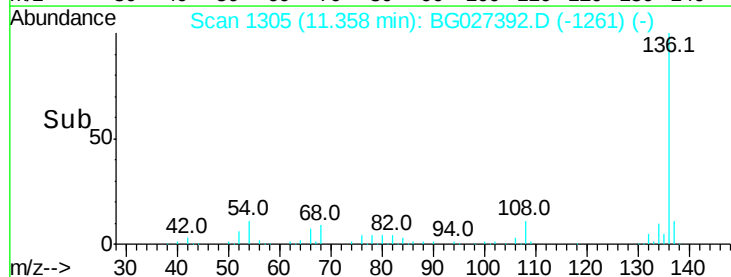
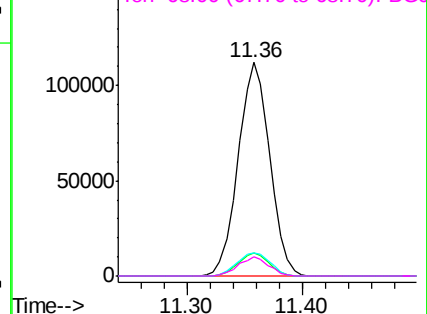
137 10.7 8.9 13.3

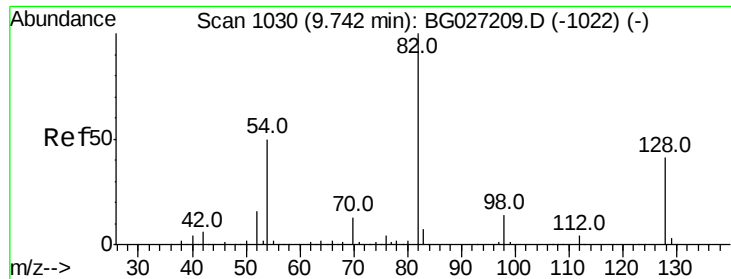
54 11.0 9.3 13.9

68 9.0 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

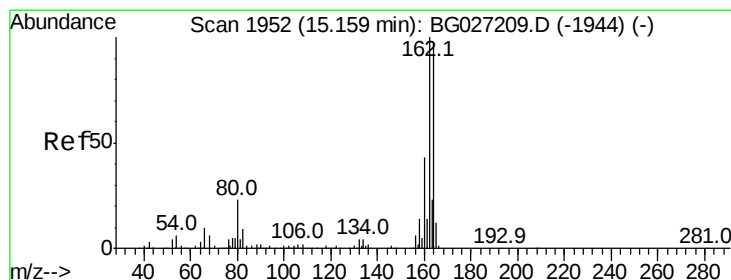
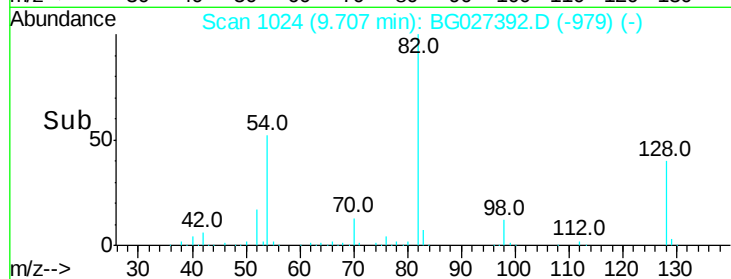
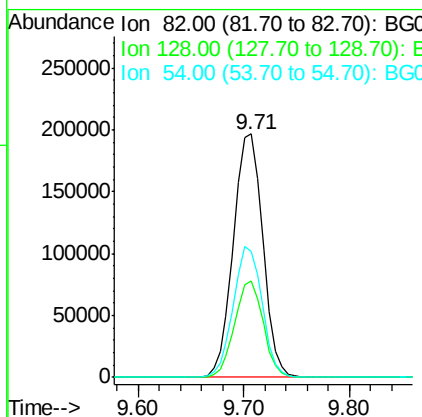
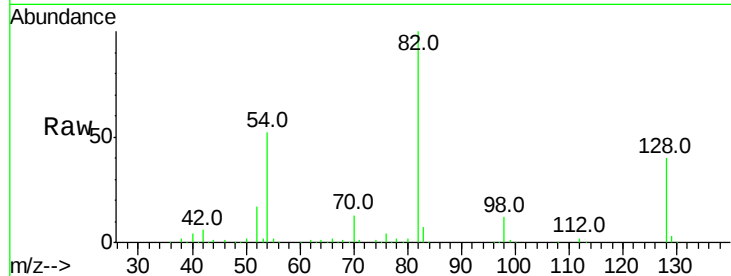




#23
 Nitrobenzene-d5
 Concen: 112.72 ng
 RT: 9.71 min Scan# 1024
 Delta R.T. -0.04 min
 Lab File: BG027392.D
 Acq: 13 Jun 2017 19:01

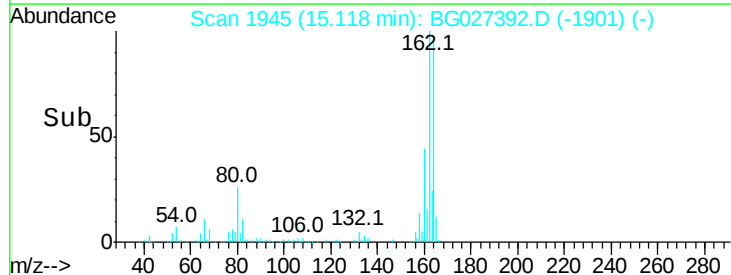
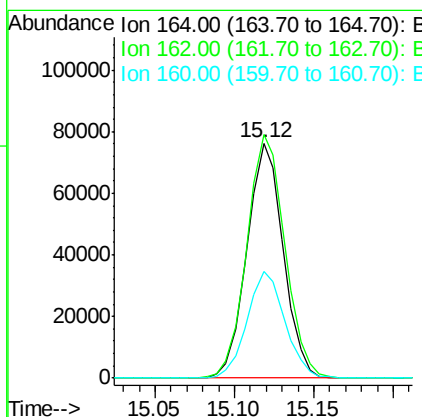
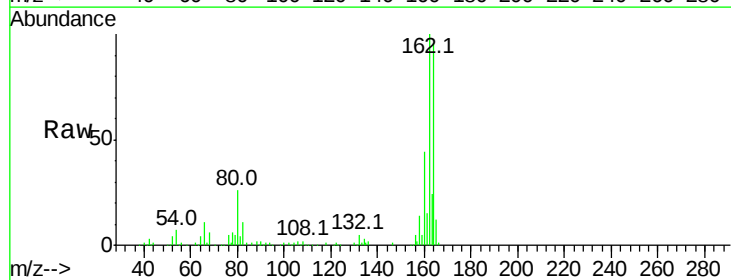
Instrument :
 BNA_G
 ClientSampleId :
 PB99729TB

Tot Ion: 82 Resp: 378608
 Ion Ratio Lower Upper
 82 100
 128 39.7 26.4 39.6#
 54 51.6 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: BG027392.D
 Acq: 13 Jun 2017 19:01

Tgt Ion:164 Resp: 121210
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.1 127.7
 160 45.3 34.7 52.1

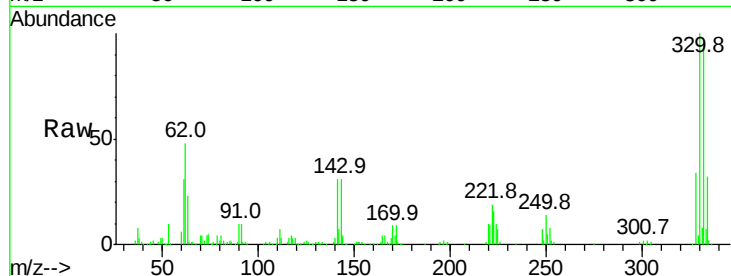




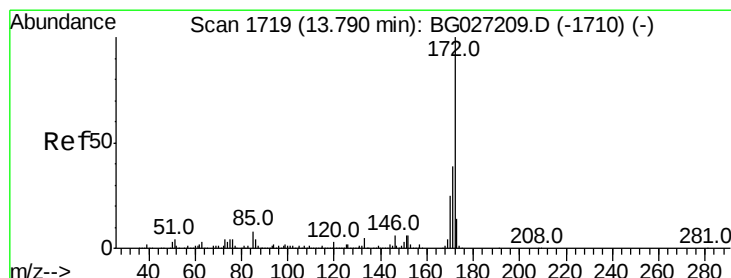
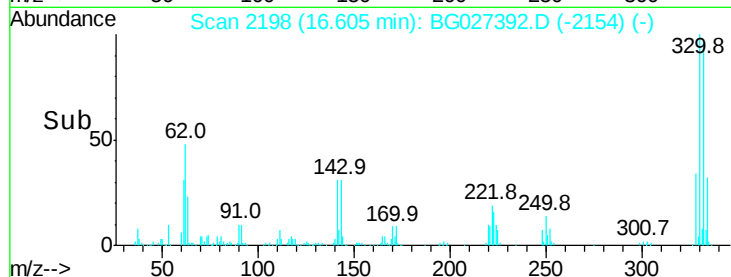
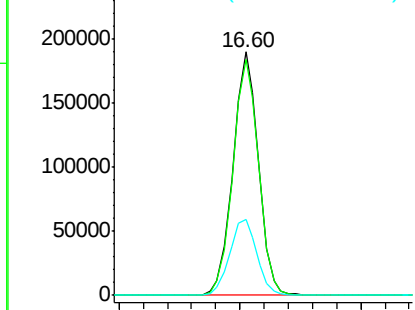
#41
 2,4,6-Tribromophenol
 Concen: 174.37 ng
 RT: 16.60 min Scan# 2198
 Delta R.T. -0.04 min
 Lab File: BG027392.D
 Acq: 13 Jun 2017 19:01

Instrument :
 BNA_G
 ClientSampleId :
 PB99729TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	33.6	32.1	48.1

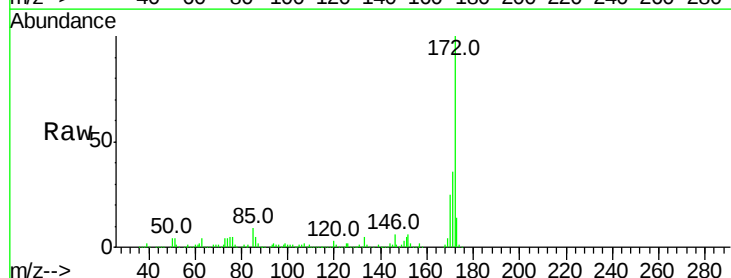


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

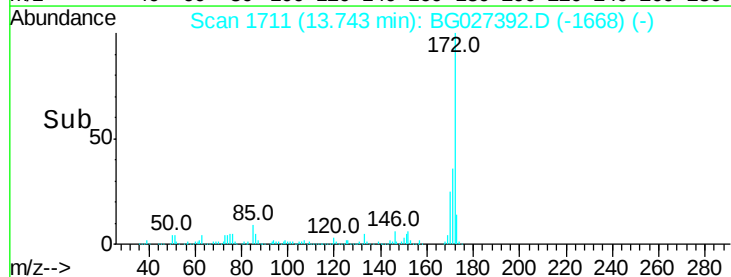
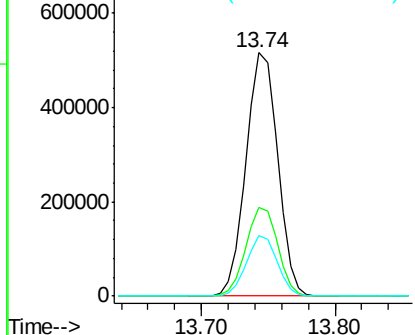


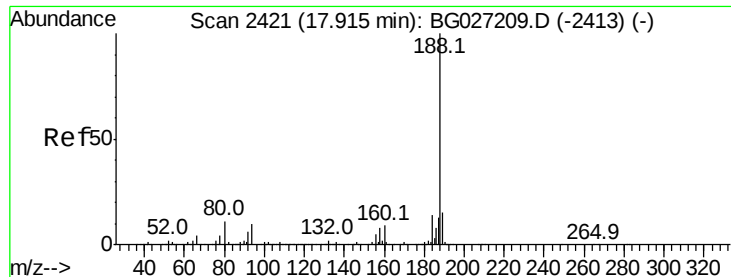
#44
 2-Fluorobiphenyl
 Concen: 97.52 ng
 RT: 13.74 min Scan# 1711
 Delta R.T. -0.05 min
 Lab File: BG027392.D
 Acq: 13 Jun 2017 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	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# 2413

Delta R.T. -0.05 min

Lab File: BG027392.D

Acq: 13 Jun 2017 19:01

Instrument :

BNA_G

ClientSampleId :

PB99729TB

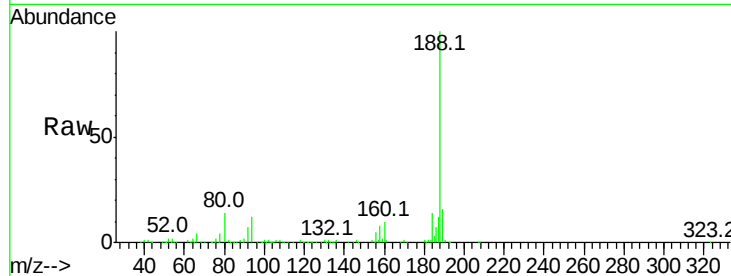
Tot Ion:188 Resp: 323765

Ion Ratio Lower Upper

188 100

94 11.8 5.8 8.8#

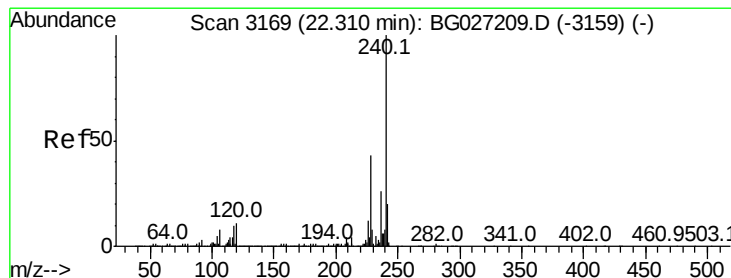
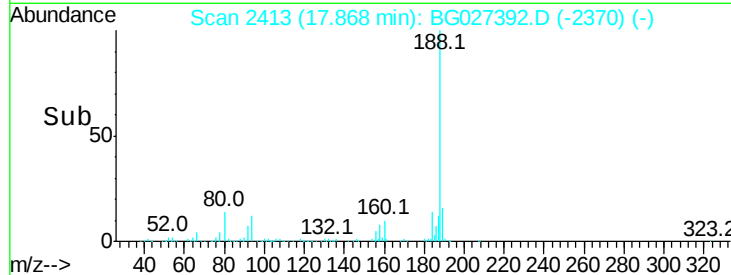
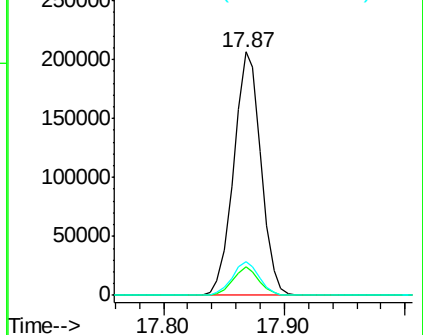
80 13.8 7.5 11.3#



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: BG027392.D

Acq: 13 Jun 2017 19:01

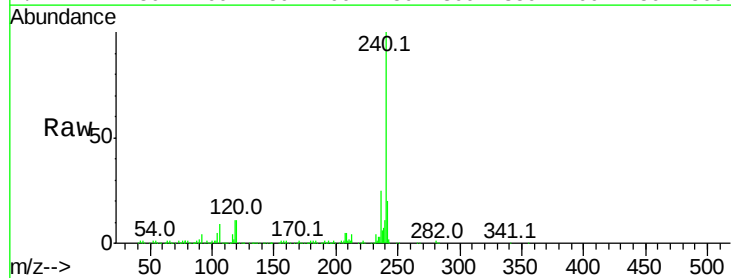
Tgt Ion:240 Resp: 390439

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

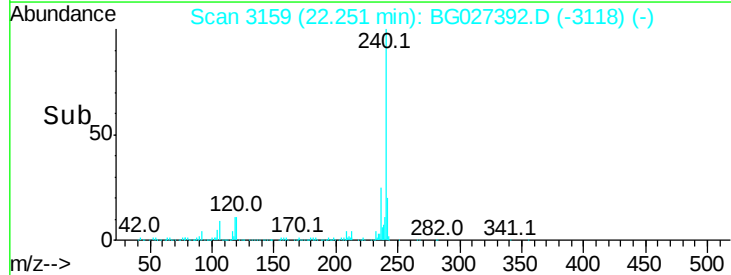
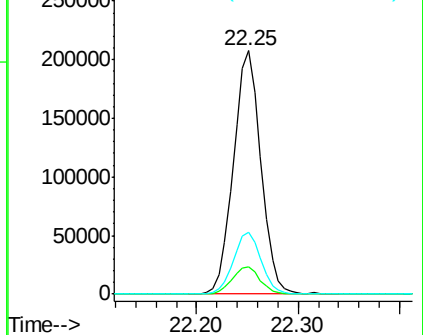
236 25.2 22.2 33.4

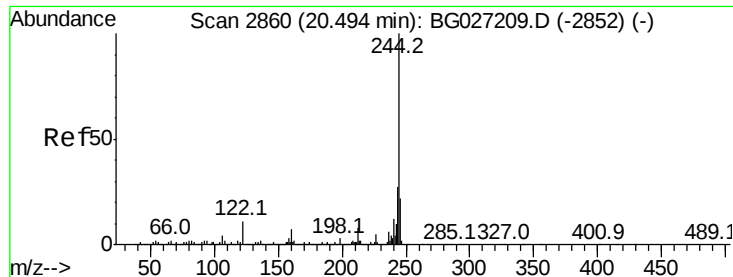


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.01 ng

RT: 20.45 min Scan# 2852

Delta R.T. -0.05 min

Lab File: BG027392.D

Acq: 13 Jun 2017 19:01

Instrument :

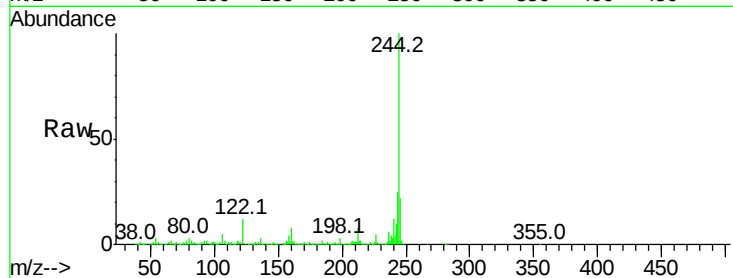
BNA_G

ClientSampleId :

PB99729TB

Tot Ion:244 Resp: 1591868

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	12.2	8.6	12.8

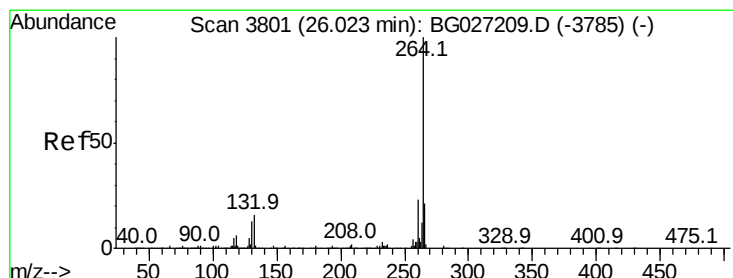
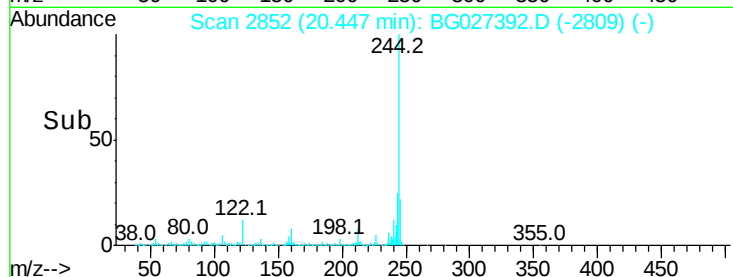
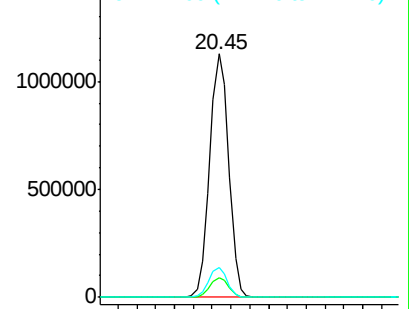


Abundance

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

Perylene-d12

Concen: 20.00 ng

RT: 25.92 min Scan# 3784

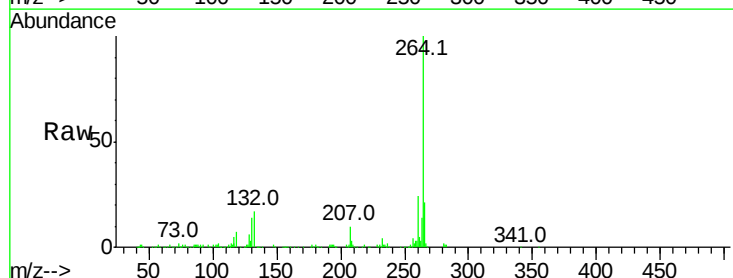
Delta R.T. -0.10 min

Lab File: BG027392.D

Acq: 13 Jun 2017 19:01

Tgt Ion:264 Resp: 364309

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.1	18.2	27.4



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

