

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027225.D
 Acq On : 5 Jun 2017 23:11
 Operator : SJ/MA
 Sample : PB99436BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99436BL

Quant Time: Jun 06 04:05:42 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	8.57	152	50111	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	237029	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	158008	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	394728	20.00	ng	-0.01
75) Chrysene-d12	22.30	240	437901	20.00	ng	-0.01
86) Perylene-d12	26.00	264	411467	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	524988	159.87	ng	0.00
7) Phenol-d6	7.70	99	725608	150.53	ng	0.00
23) Nitrobenzene-d5	9.73	82	357740	94.92	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	317322	152.51	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	1037248	91.84	ng	0.00
78) Terphenyl-d14	20.49	244	1619558	94.35	ng	0.00

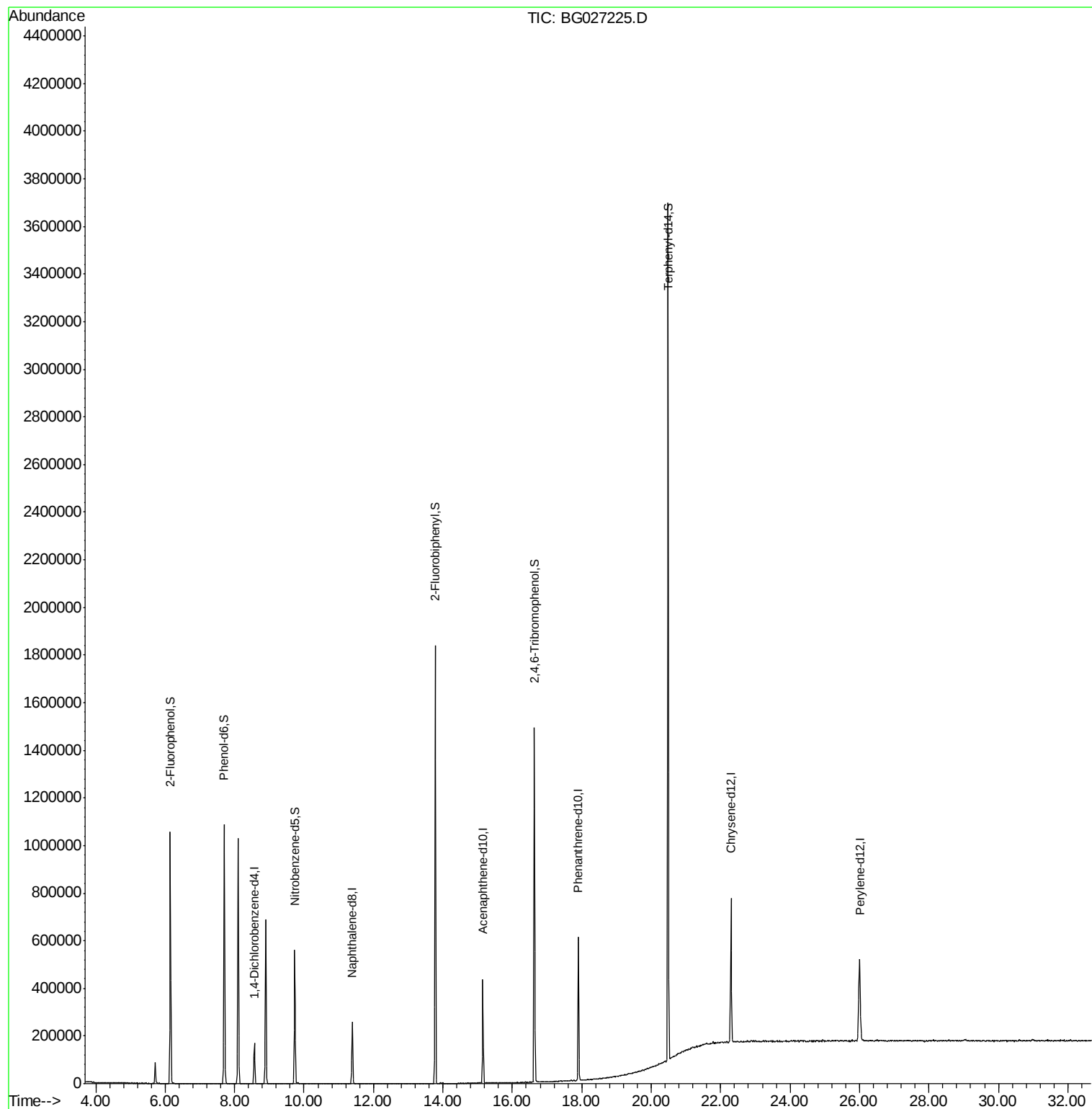
Target Compounds Qvalue

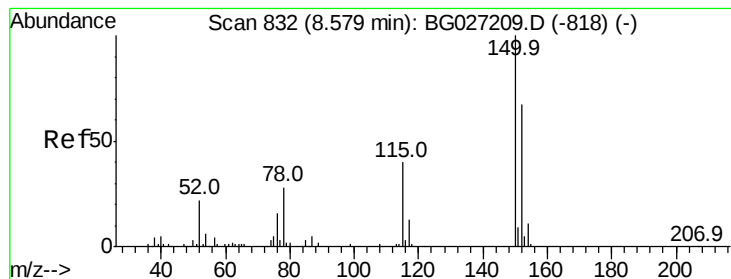
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

Instrument :

BNA_G

ClientSampleId :

PB99436BL

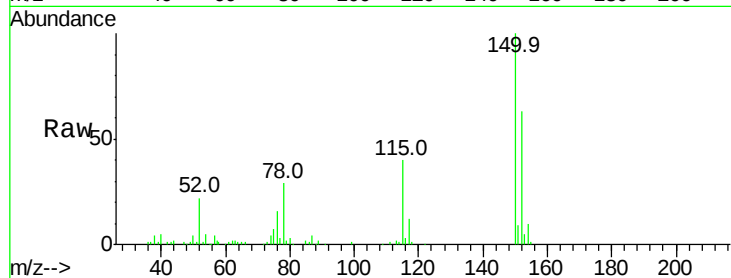
Tot Ion:152 Resp: 50111

Ion Ratio Lower Upper

152 100

150 158.9 114.0 171.0

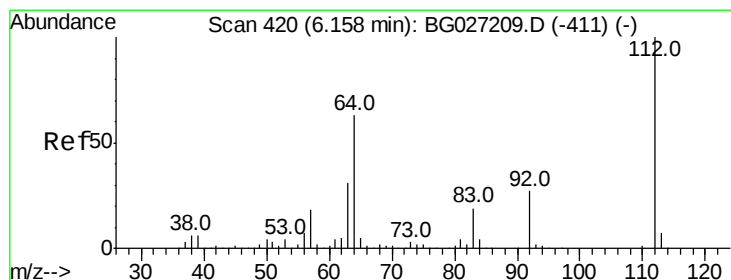
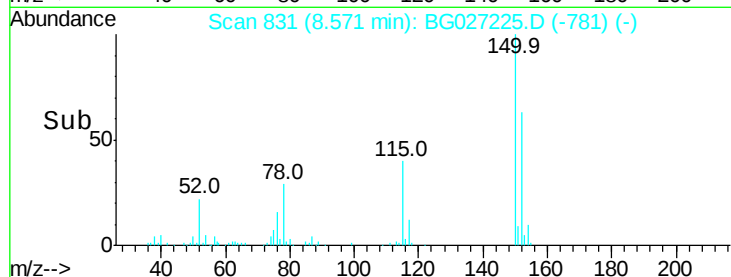
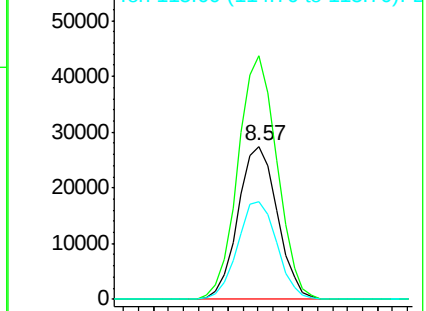
115 63.4 48.1 72.1



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: 159.87 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

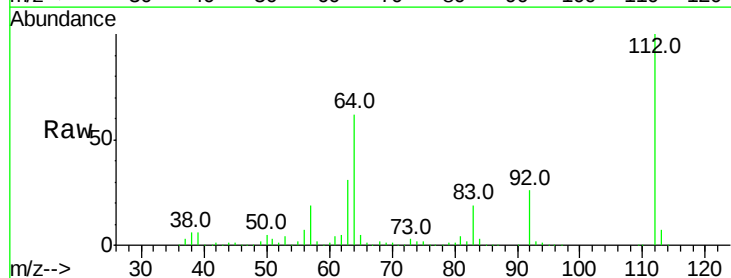
Tgt Ion:112 Resp: 524988

Ion Ratio Lower Upper

112 100

64 61.8 61.8 92.6

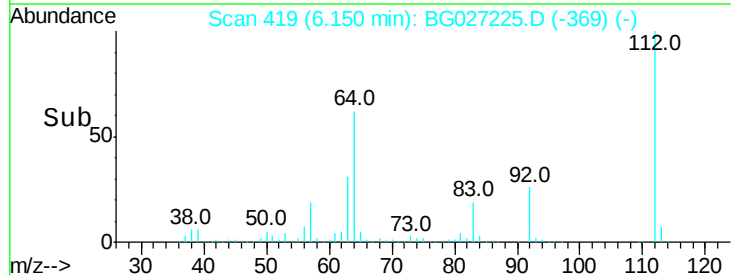
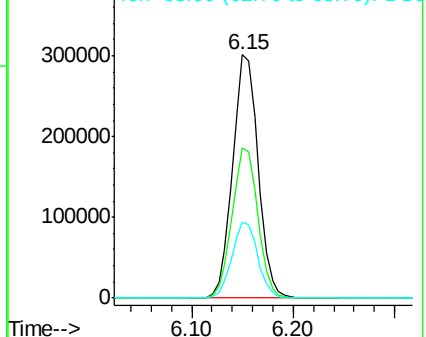
63 31.2 37.2 55.8#

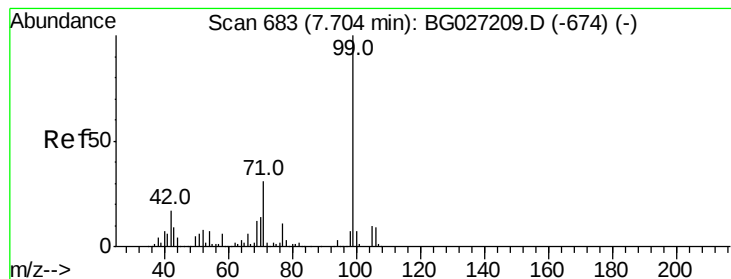


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 150.53 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

Instrument :

BNA_G

ClientSampleId :

PB99436BL

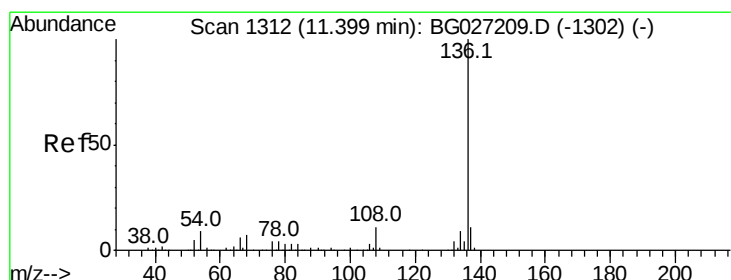
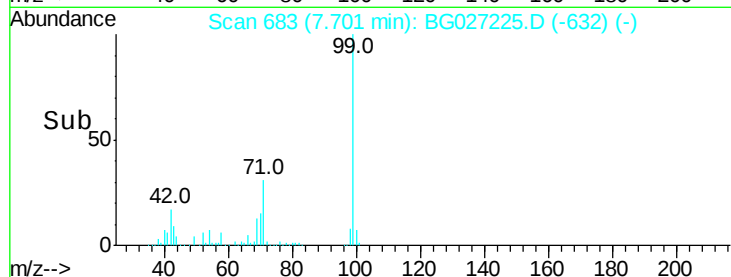
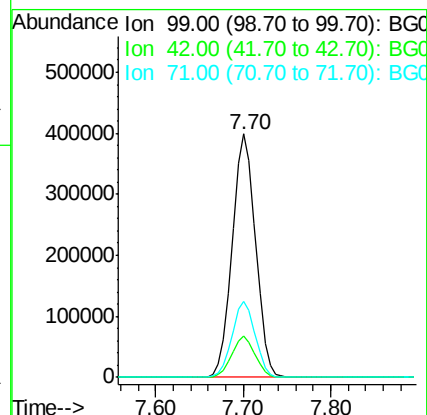
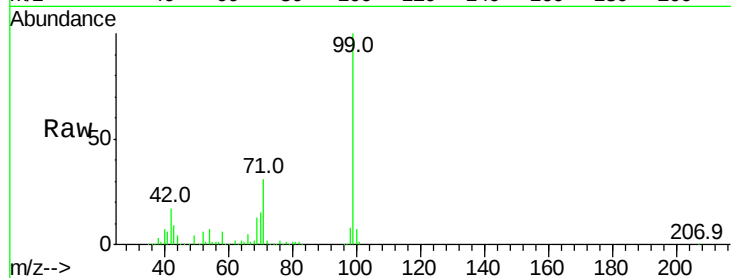
Tot Ion: 99 Resp: 725608

Ion Ratio Lower Upper

99 100

42 16.7 20.5 30.7#

71 31.1 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.39 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

Tgt Ion: 136 Resp: 237029

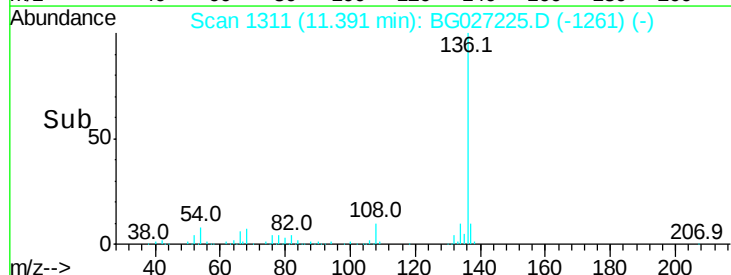
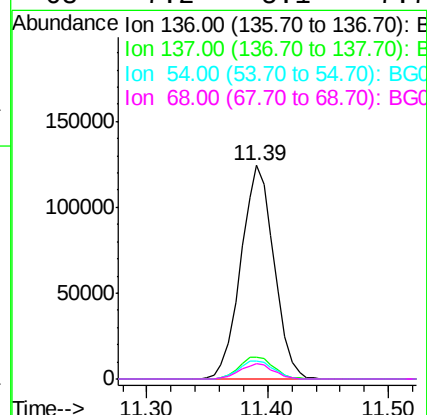
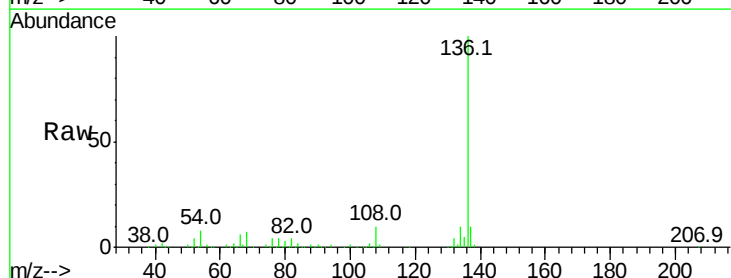
Ion Ratio Lower Upper

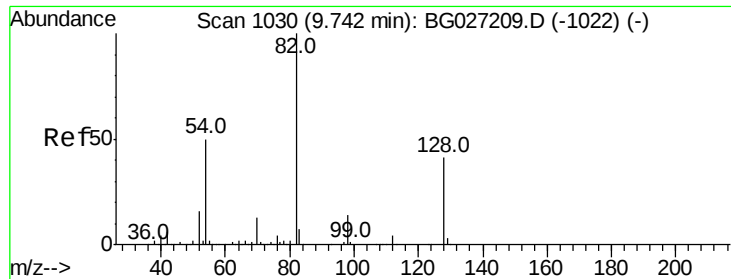
136 100

137 10.4 8.9 13.3

54 8.4 9.3 13.9#

68 7.2 5.1 7.7

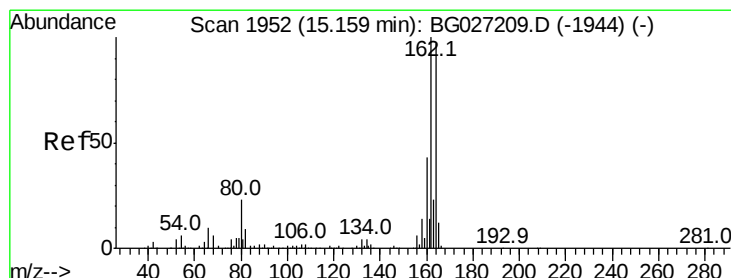
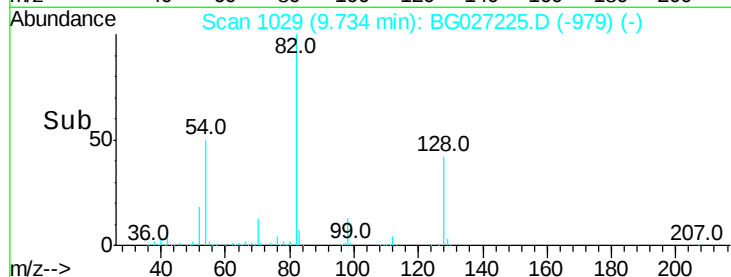
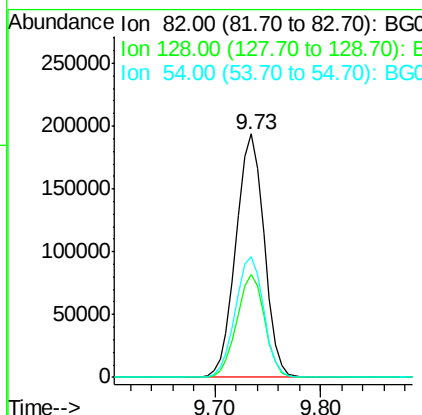
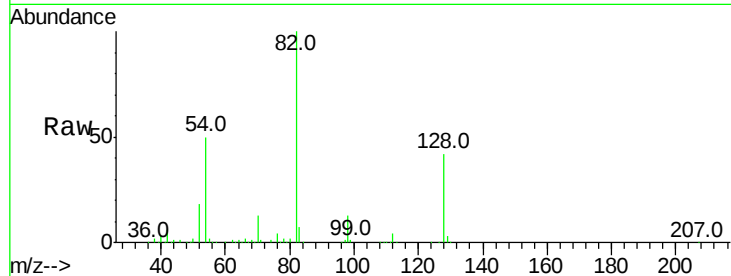




#23
 Nitrobenzene-d5
 Concen: 94.92 ng
 RT: 9.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027225.D
 Acq: 5 Jun 2017 23:11

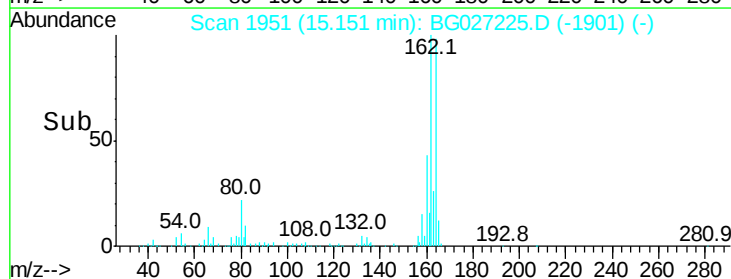
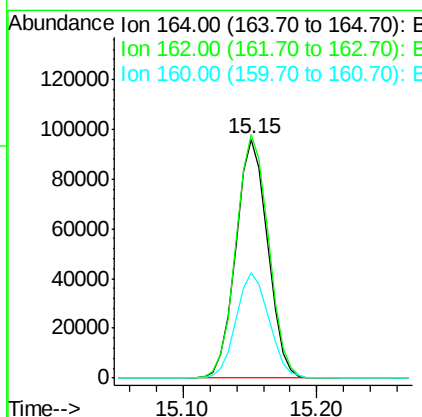
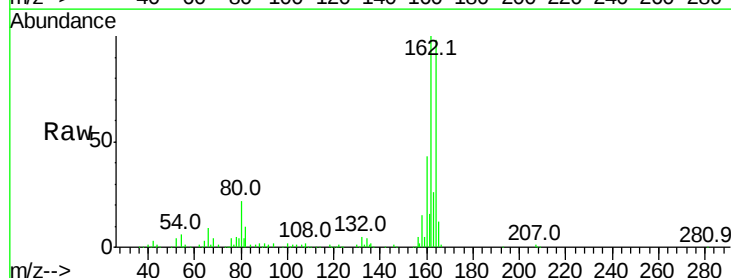
Instrument :
 BNA_G
 ClientSampleID :
 PB99436BL

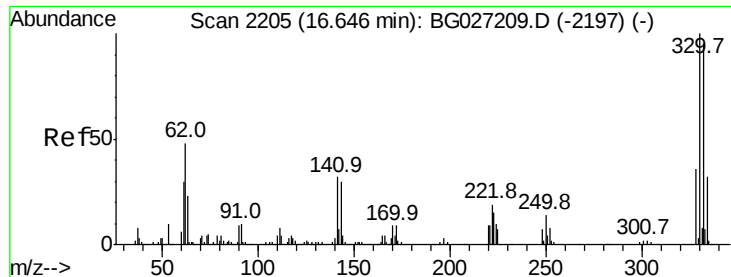
Tot Ion: 82 Resp: 357740
 Ion Ratio Lower Upper
 82 100
 128 42.3 26.4 39.6#
 54 49.5 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG027225.D
 Acq: 5 Jun 2017 23:11

Tgt Ion:164 Resp: 158008
 Ion Ratio Lower Upper
 164 100
 162 101.8 85.1 127.7
 160 44.2 34.7 52.1

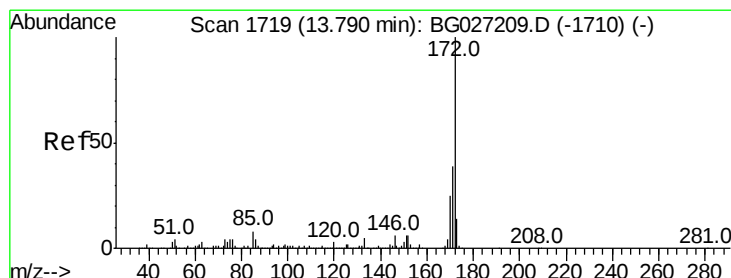
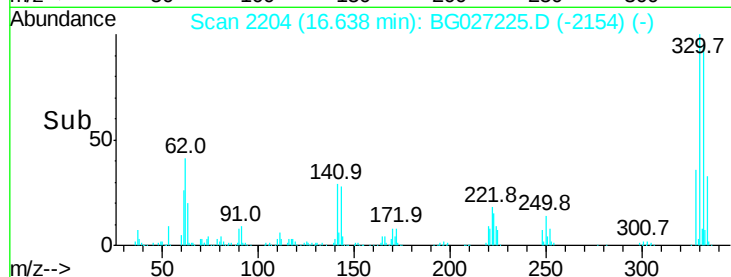
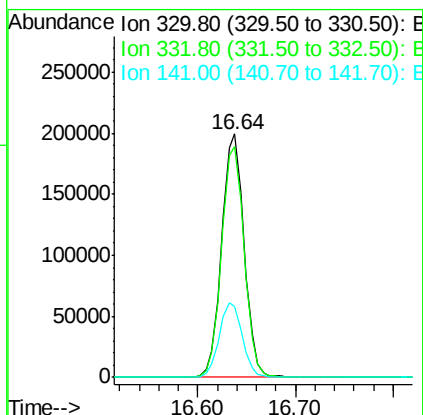
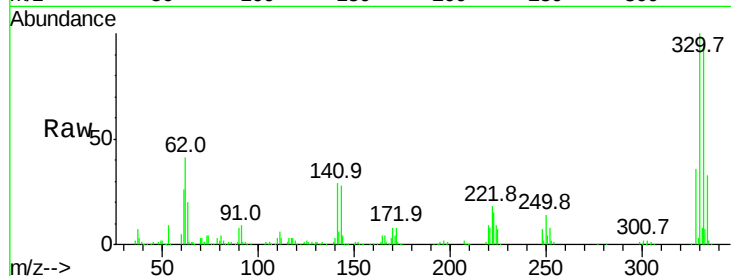




#41
 2,4,6-Tribromophenol
 Concen: 152.51 ng
 RT: 16.64 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG027225.D
 Acq: 5 Jun 2017 23:11

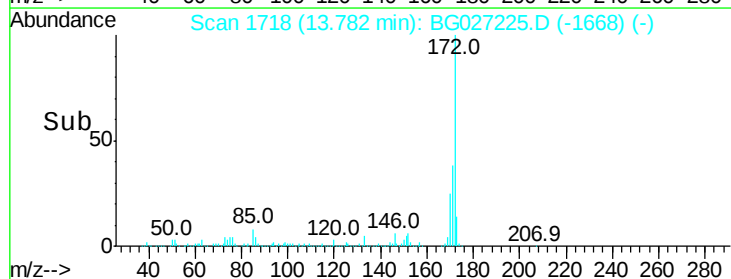
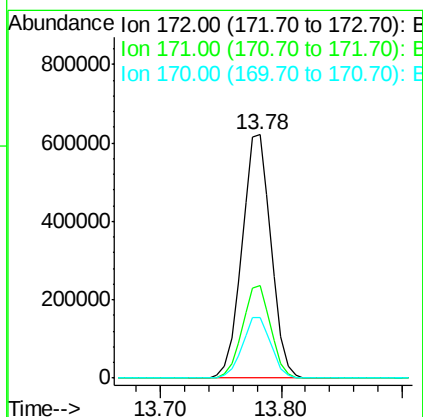
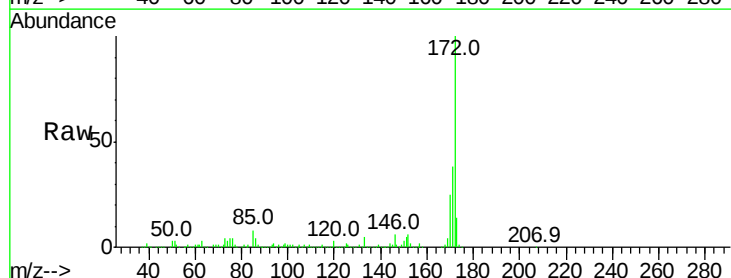
Instrument :
 BNA_G
 ClientSampled :
 PB99436BL

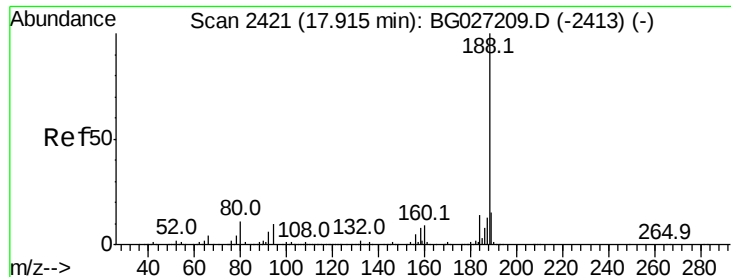
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	31.7	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 91.84 ng
 RT: 13.78 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027225.D
 Acq: 5 Jun 2017 23:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.7	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.90 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

Instrument :

BNA_G

ClientSampleId :

PB99436BL

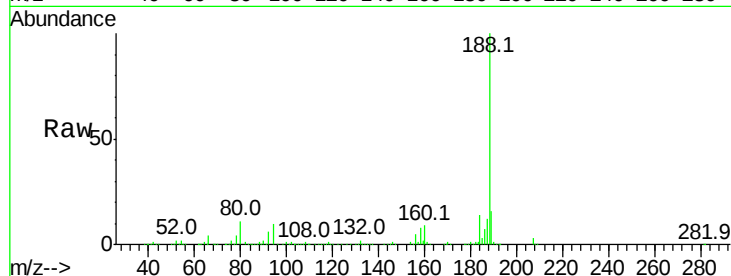
Tot Ion:188 Resp: 394728

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.8#

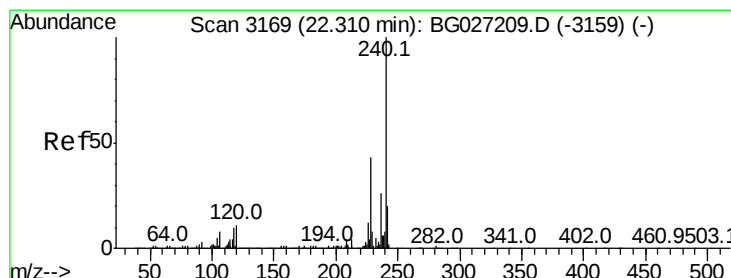
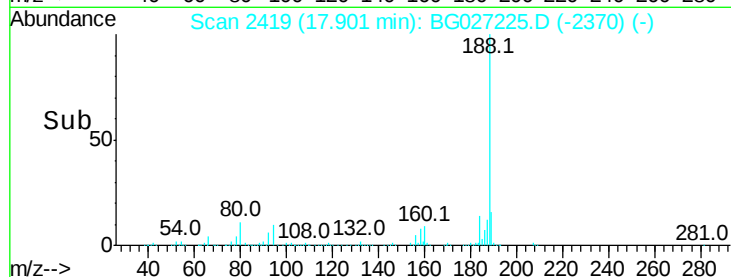
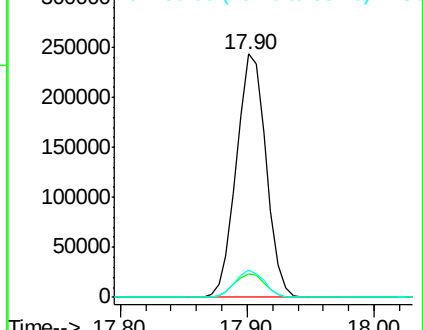
80 11.1 7.5 11.3



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: 22.30 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

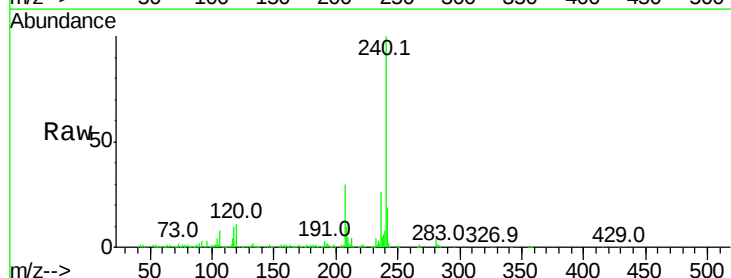
Tgt Ion:240 Resp: 437901

Ion Ratio Lower Upper

240 100

120 10.7 5.7 8.5#

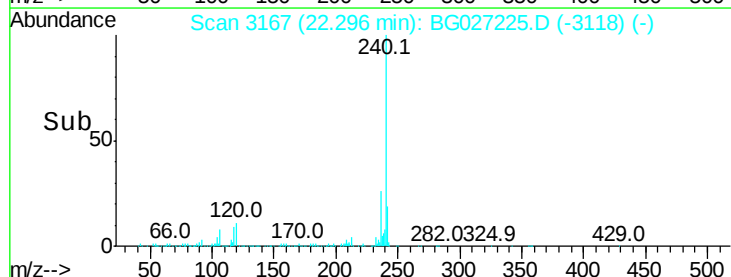
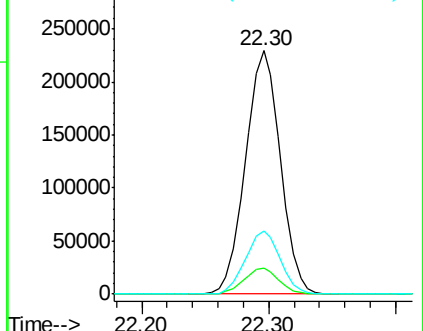
236 25.8 22.2 33.4

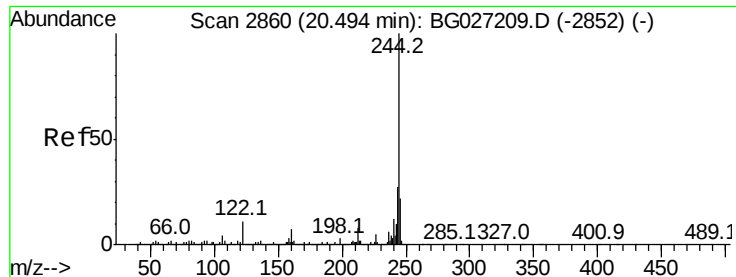


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.35 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

Instrument :

BNA_G

ClientSampleId :

PB99436BL

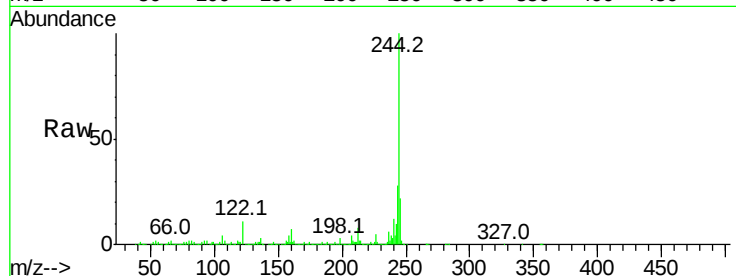
Tot Ion:244 Resp: 1619558

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	11.2	8.6	12.8

244 100

212 8.1 10.0 15.0#

122 11.2 8.6 12.8

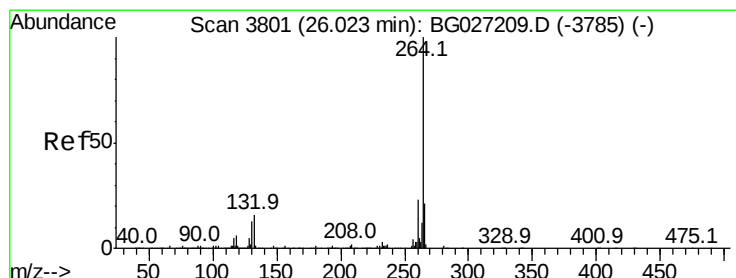
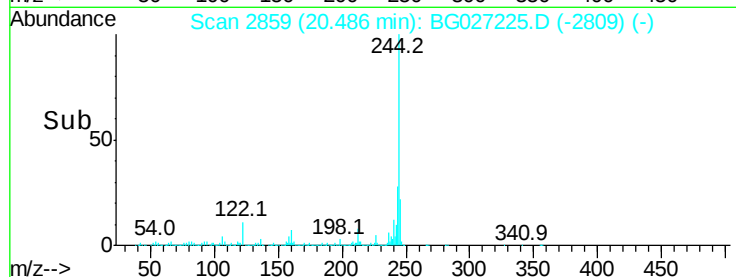
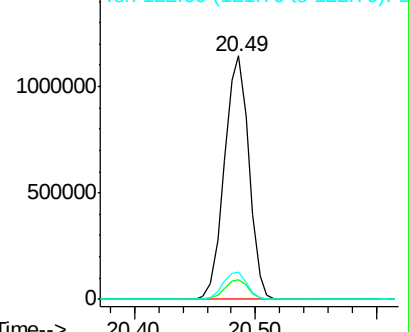


Abundance

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: 26.00 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BG027225.D

Acq: 5 Jun 2017 23:11

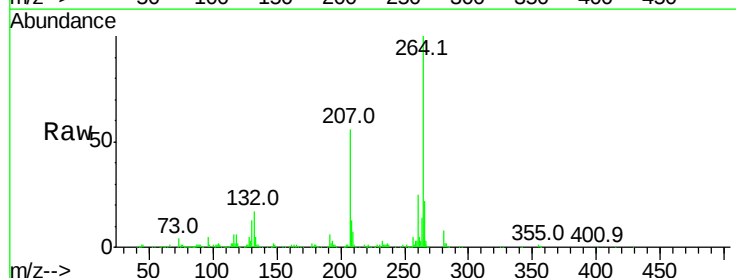
Tgt Ion:264 Resp: 411467

Ion	Ratio	Lower	Upper
264	100		
260	24.7	21.8	32.8
265	21.7	18.2	27.4

264 100

260 24.7 21.8 32.8

265 21.7 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

