

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027268.D
 Acq On : 7 Jun 2017 3:21
 Operator : SJ/MA
 Sample : I3469-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-2-20170603

Quant Time: Jun 07 05:21:10 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

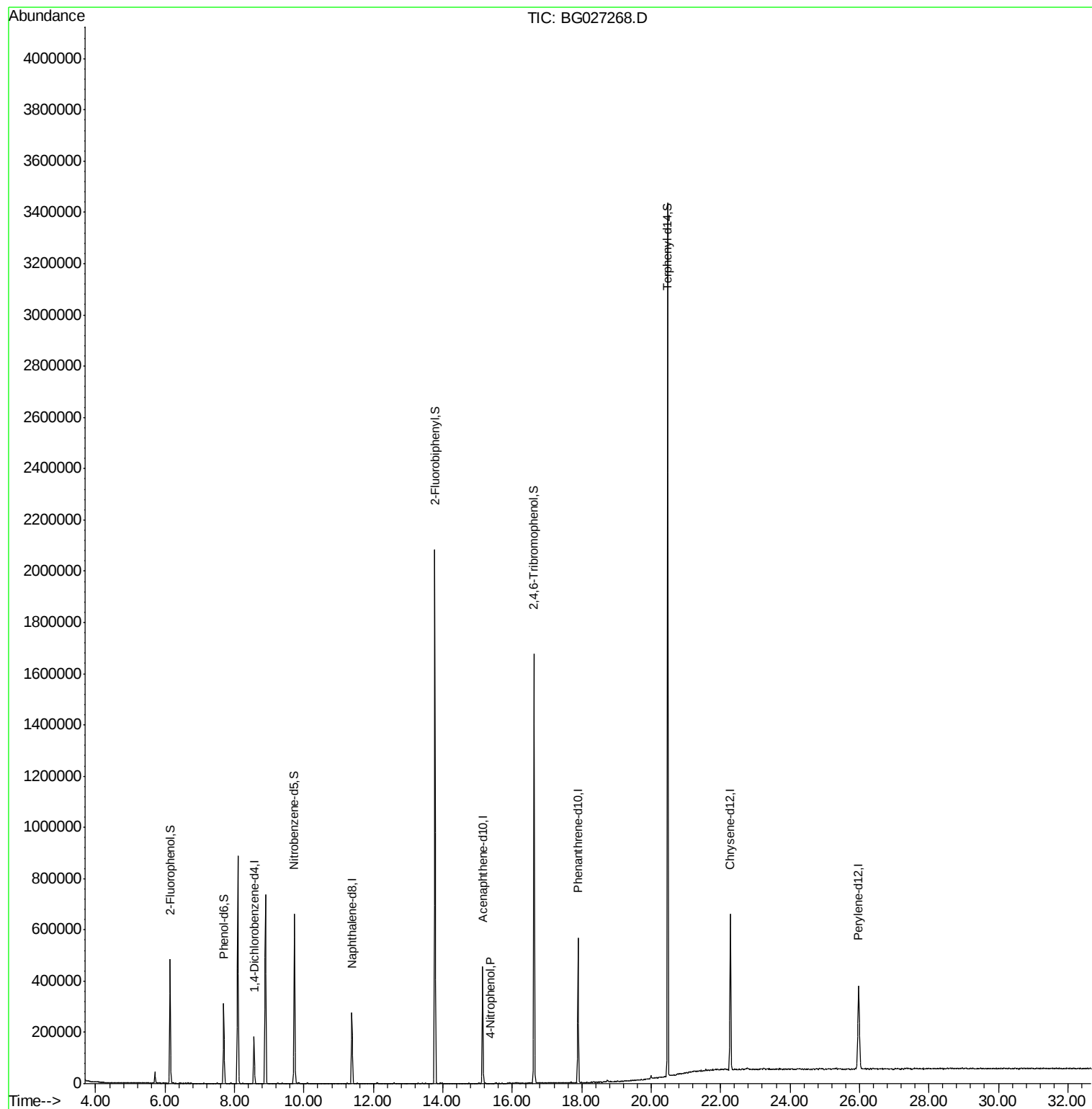
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	53078	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	252859	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	164032	20.00	ng	-0.02
63) Phenanthrene-d10	17.90	188	376378	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	423439	20.00	ng	-0.03
86) Perylene-d12	25.98	264	394530	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	237827	68.37	ng	-0.01
7) Phenol-d6	7.69	99	209840	41.10	ng	-0.01
23) Nitrobenzene-d5	9.72	82	436285	108.51	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	346866	160.59	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1120816	95.59	ng	-0.02
78) Terphenyl-d14	20.48	244	1596147	96.16	ng	-0.02
Target Compounds						
55) 4-Nitrophenol	15.37	139	54	6.14	ng	Qvalue # 1

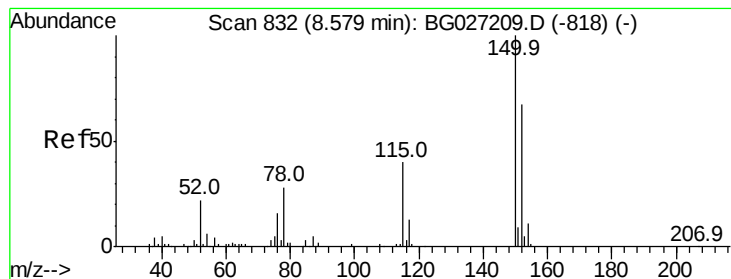
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG027268.D

Acq: 7 Jun 2017 3:21

Instrument :

BNA_G

ClientSampleId :

TW-2-20170603

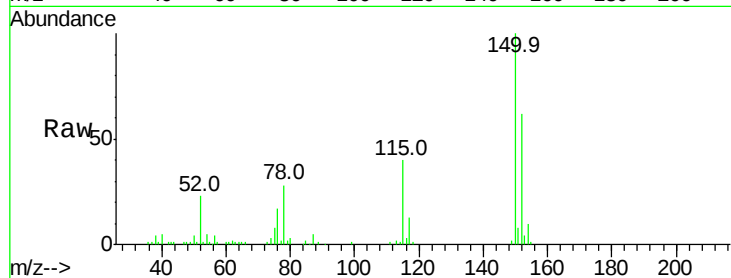
Tot Ion:152 Resp: 53078

Ion Ratio Lower Upper

152 100

150 160.7 114.0 171.0

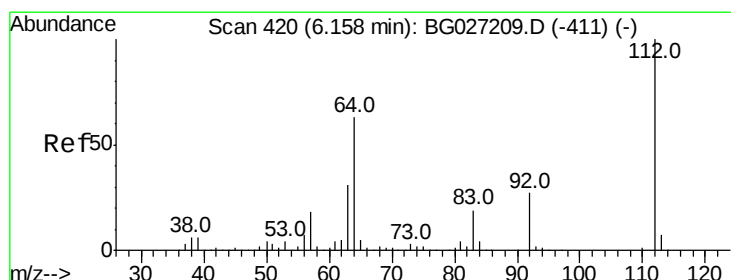
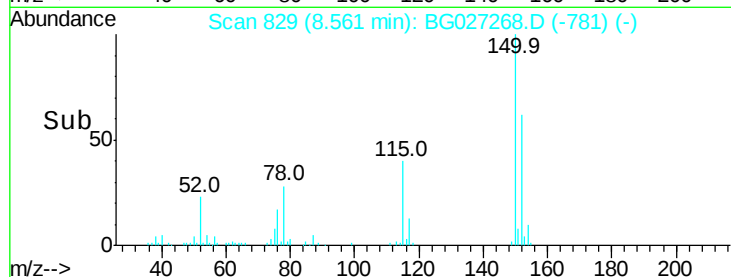
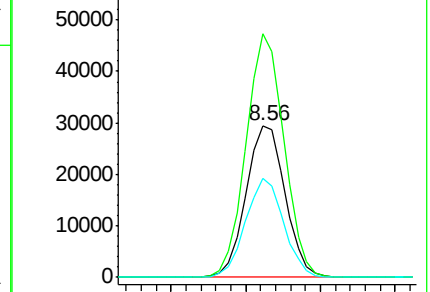
115 65.1 48.1 72.1



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: 68.37 ng

RT: 6.15 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027268.D

Acq: 7 Jun 2017 3:21

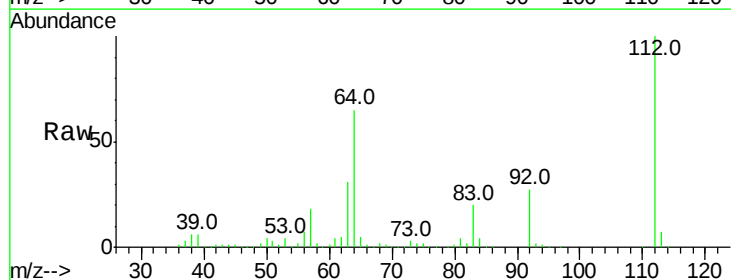
Tgt Ion:112 Resp: 237827

Ion Ratio Lower Upper

112 100

64 65.4 61.8 92.6

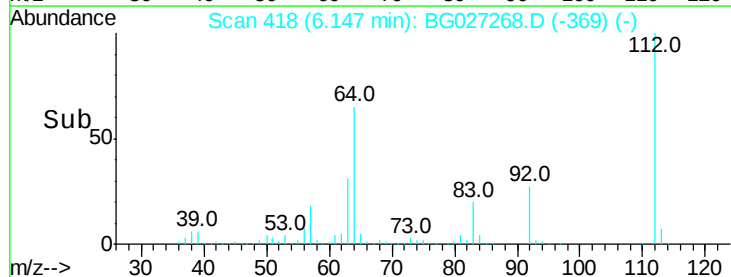
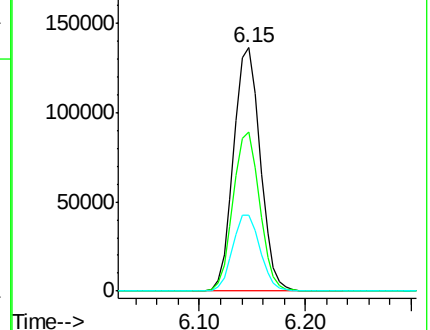
63 31.3 37.2 55.8#



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: 41.10 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027268.D

Acq: 7 Jun 2017 3:21

Instrument :

BNA_G

ClientSampleId :

TW-2-20170603

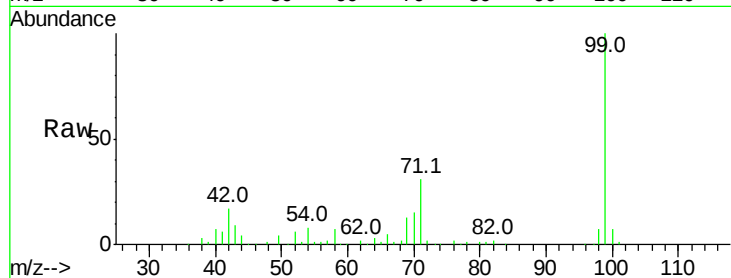
Tot Ion: 99 Resp: 209840

Ion Ratio Lower Upper

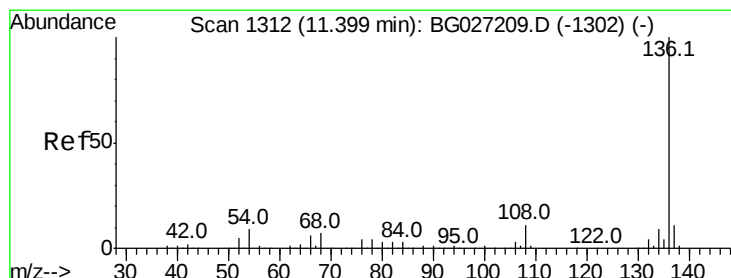
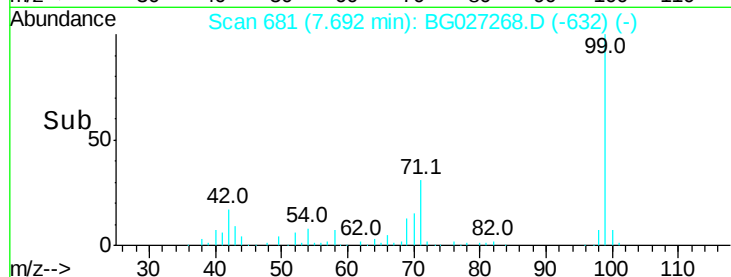
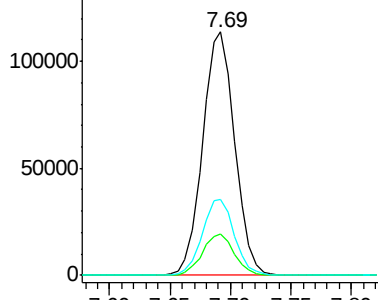
99 100

42 16.8 20.5 30.7#

71 31.4 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: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027268.D

Acq: 7 Jun 2017 3:21

Tgt Ion: 136 Resp: 252859

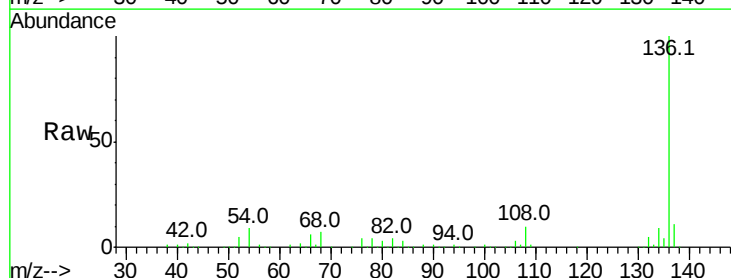
Ion Ratio Lower Upper

136 100

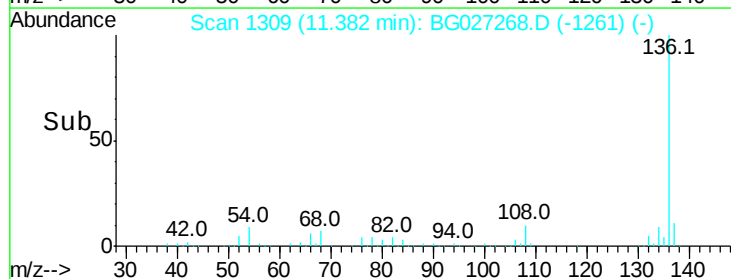
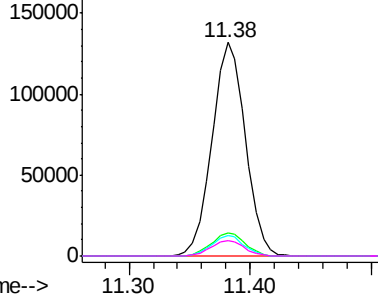
137 10.7 8.9 13.3

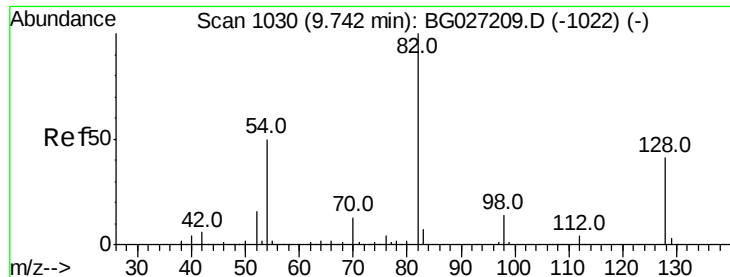
54 9.3 9.3 13.9

68 7.4 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

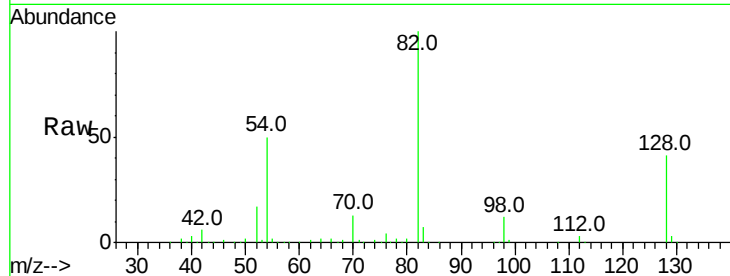




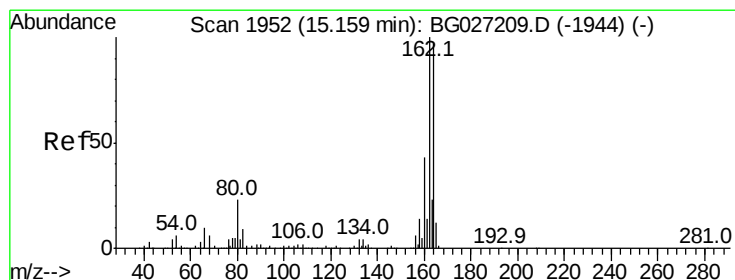
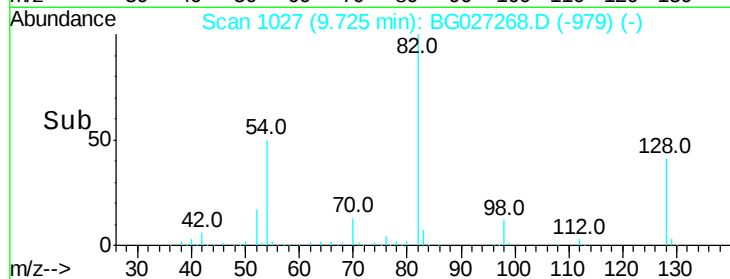
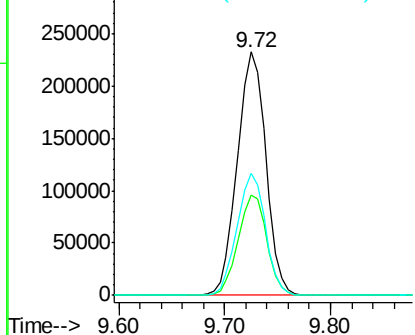
#23
 Nitrobenzene-d5
 Concen: 108.51 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027268.D
 Acq: 7 Jun 2017 3:21

Instrument :
 BNA_G
 ClientSampleId :
 TW-2-20170603

Tot Ion	82	Resp	436285
Ion Ratio	Lower	Upper	
82	100		
128	41.3	26.4	39.6#
54	50.0	49.4	74.2

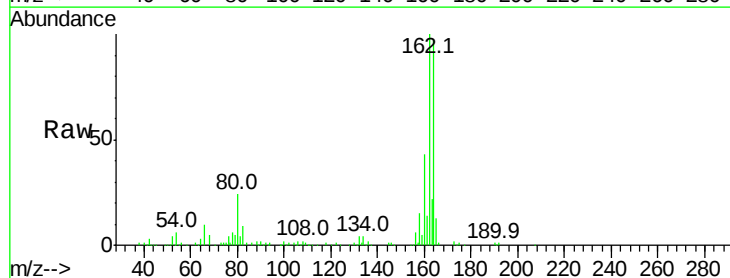


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

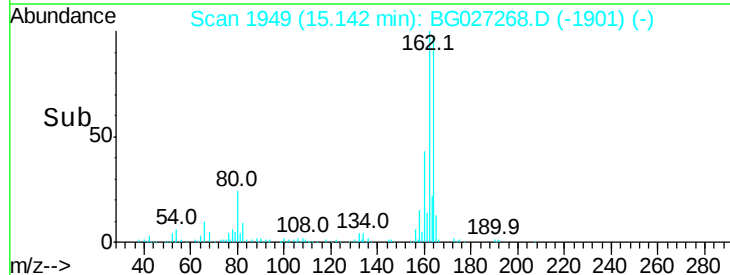
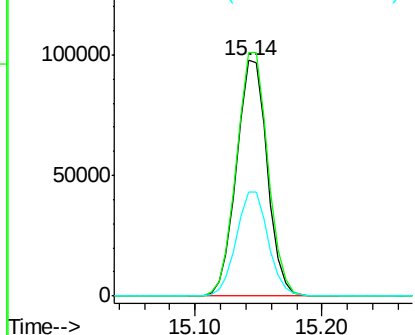


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027268.D
 Acq: 7 Jun 2017 3:21

Tgt Ion	164	Resp	164032
Ion Ratio	Lower	Upper	
164	100		
162	103.2	85.1	127.7
160	43.9	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

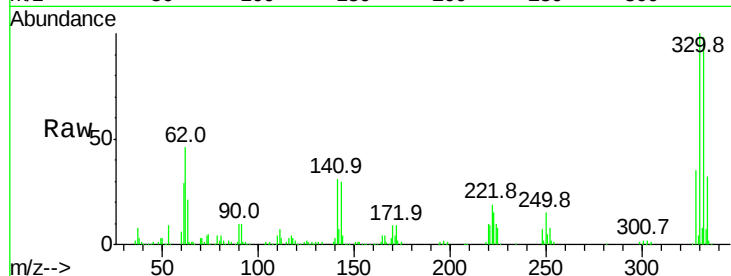




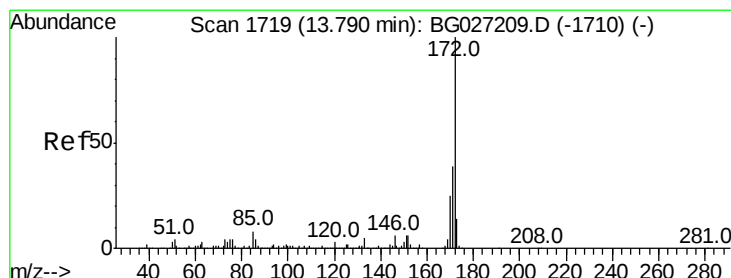
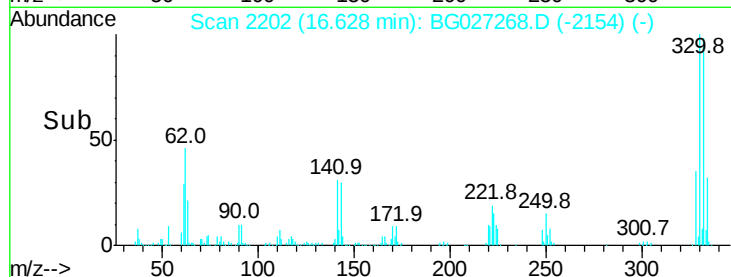
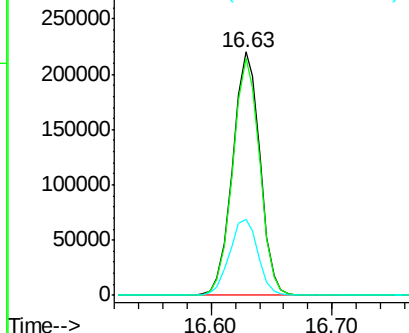
#41
 2,4,6-Tribromophenol
 Concen: 160.59 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027268.D
 Acq: 7 Jun 2017 3:21

Instrument :
 BNA_G
 ClientSampleId :
 TW-2-20170603

Tot Ion:330 Resp: 346866
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 32.6 32.1 48.1

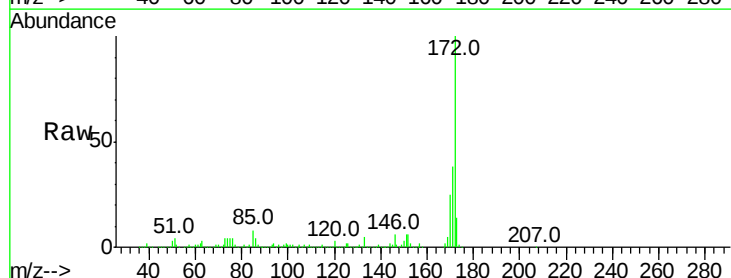


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

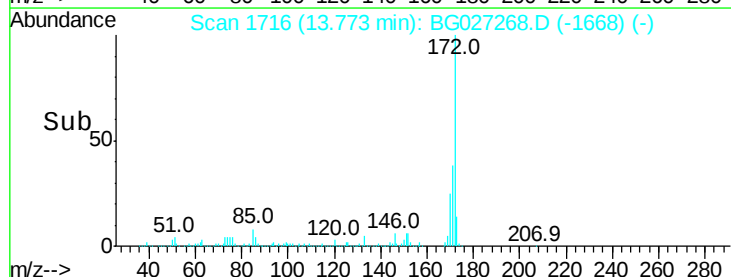
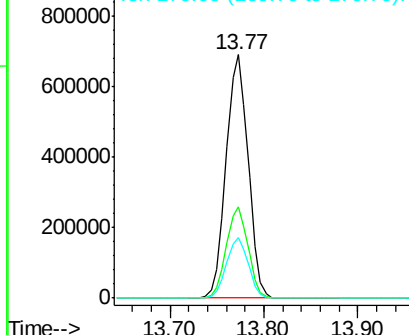


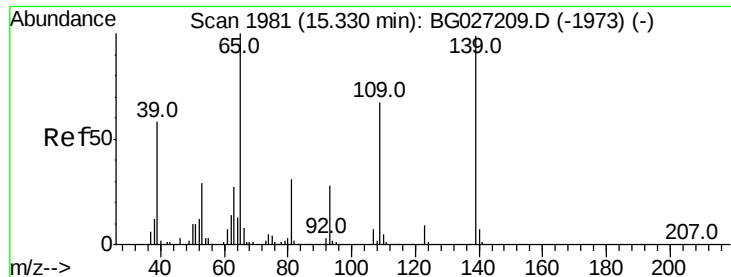
#44
 2-Fluorobiphenyl
 Concen: 95.59 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027268.D
 Acq: 7 Jun 2017 3:21

Tgt Ion:172 Resp: 1120816
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.2 48.2
 170 25.1 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





#55

4-Nitrophenol

Concen: 6.14 ng

RT: 15.37 min Scan# 1988

Delta R.T. 0.04 min

Lab File: BG027268.D

Acq: 7 Jun 2017 3:21

Instrument :

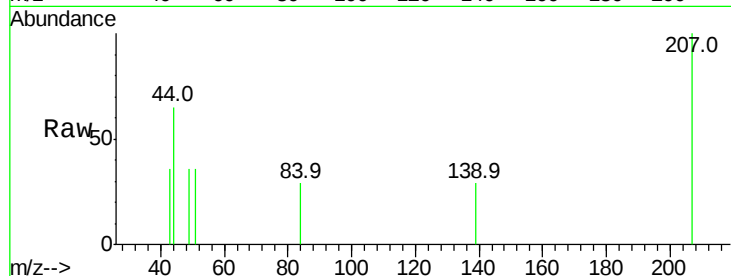
BNA_G

ClientSampleId :

TW-2-20170603

Tot Ion:139 Resp: 54

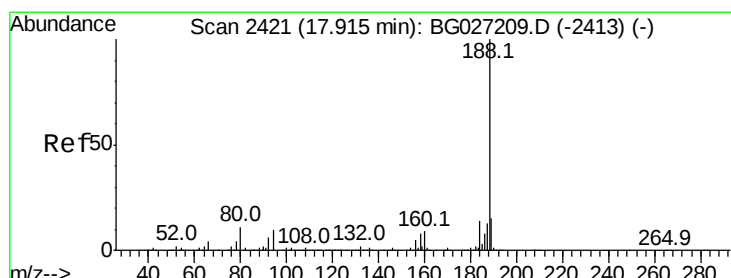
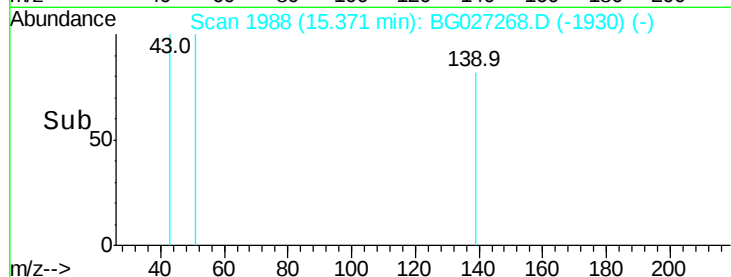
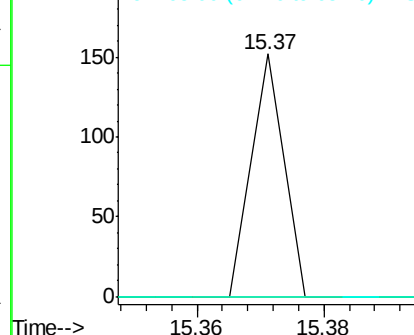
Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.90 min Scan# 2418

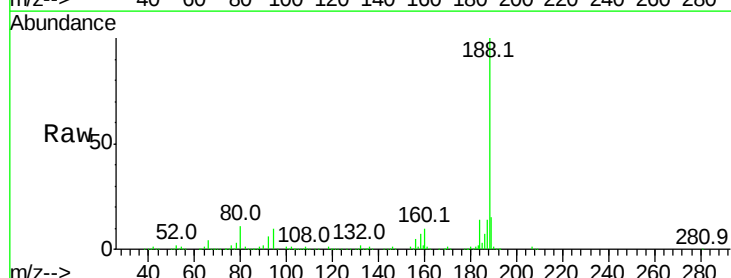
Delta R.T. -0.02 min

Lab File: BG027268.D

Acq: 7 Jun 2017 3:21

Tgt Ion:188 Resp: 376378

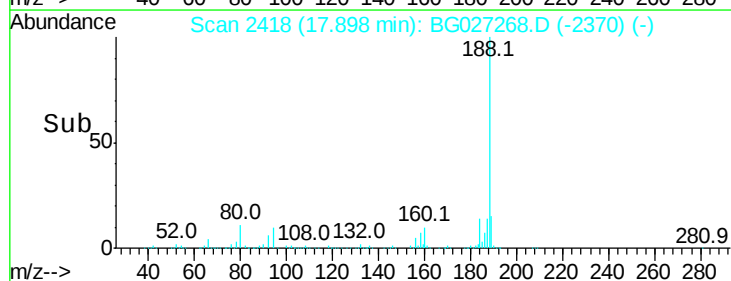
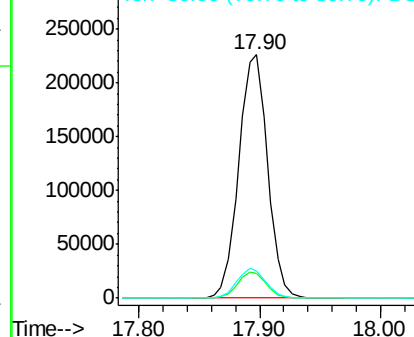
Ion	Ratio	Lower	Upper
188	100		
94	10.2	5.8	8.8#
80	11.2	7.5	11.3

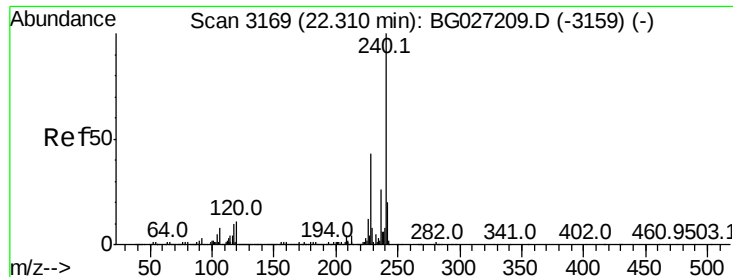


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.28 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG027268.D

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Instrument :

BNA_G

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TW-2-20170603

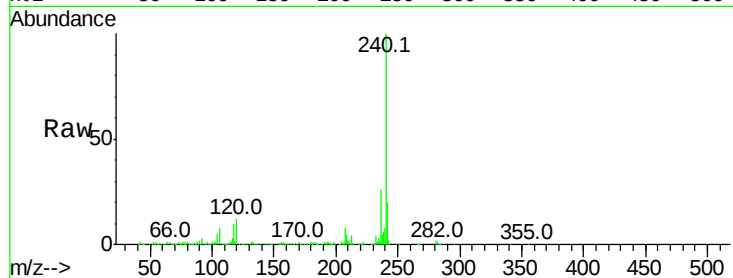
Tot Ion:240 Resp: 423439

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

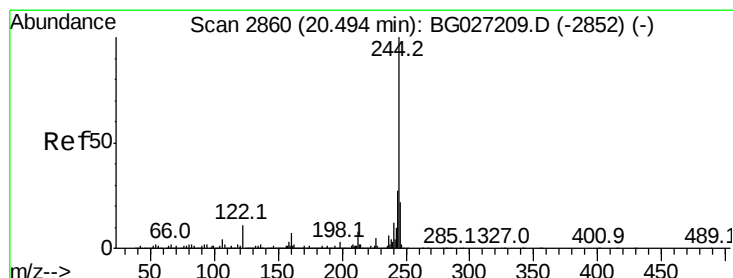
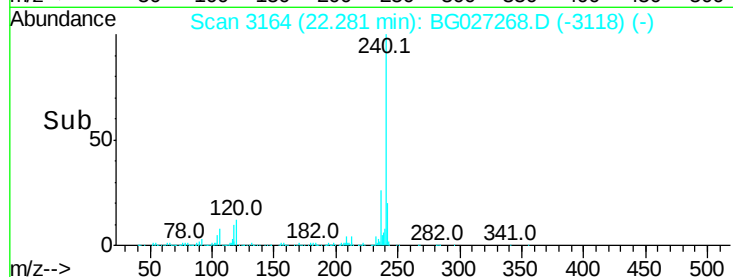
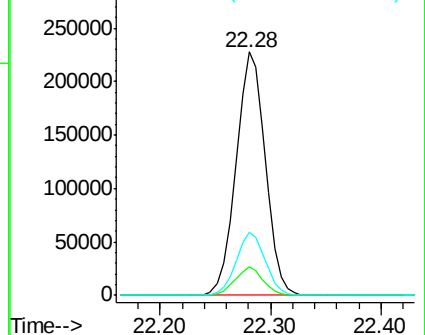
236 26.0 22.2 33.4



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: 96.16 ng

RT: 20.48 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027268.D

Acq: 7 Jun 2017 3:21

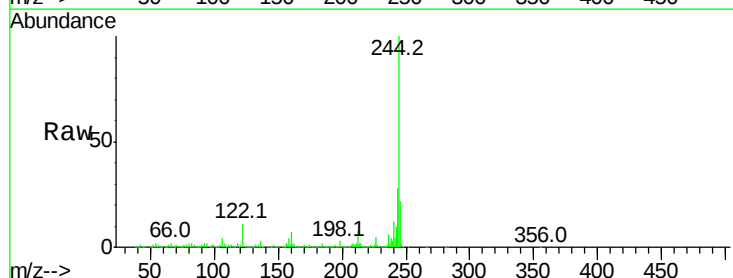
Tgt Ion:244 Resp: 1596147

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

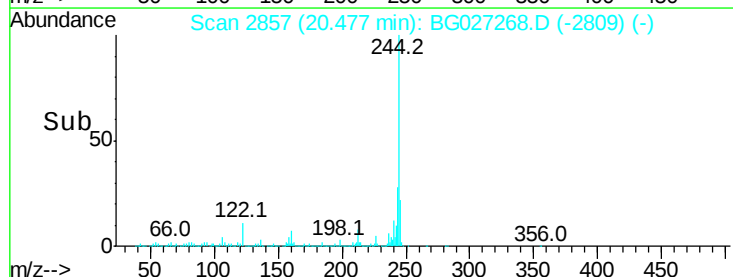
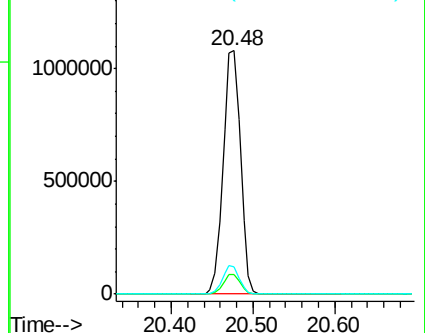
122 11.3 8.6 12.8

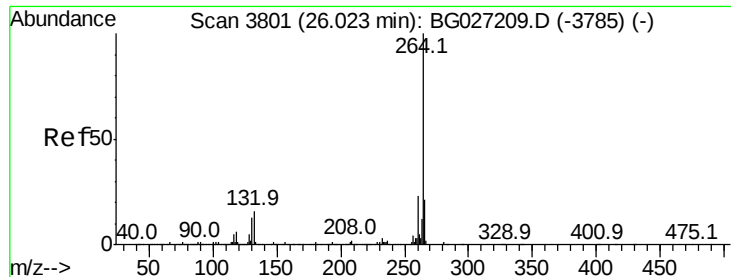


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.98 min Scan# 3793
Delta R.T. -0.05 min
Lab File: BG027268.D
Acq: 7 Jun 2017 3:21

Instrument :
BNA_G
ClientSampleId :
TW-2-20170603

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.8	32.8
265	21.5	18.2	27.4

