

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027308.D
 Acq On : 8 Jun 2017 8:01
 Operator : SJ/MA
 Sample : I3488-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-RO-211757-060517

Quant Time: Jun 08 10:59:01 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

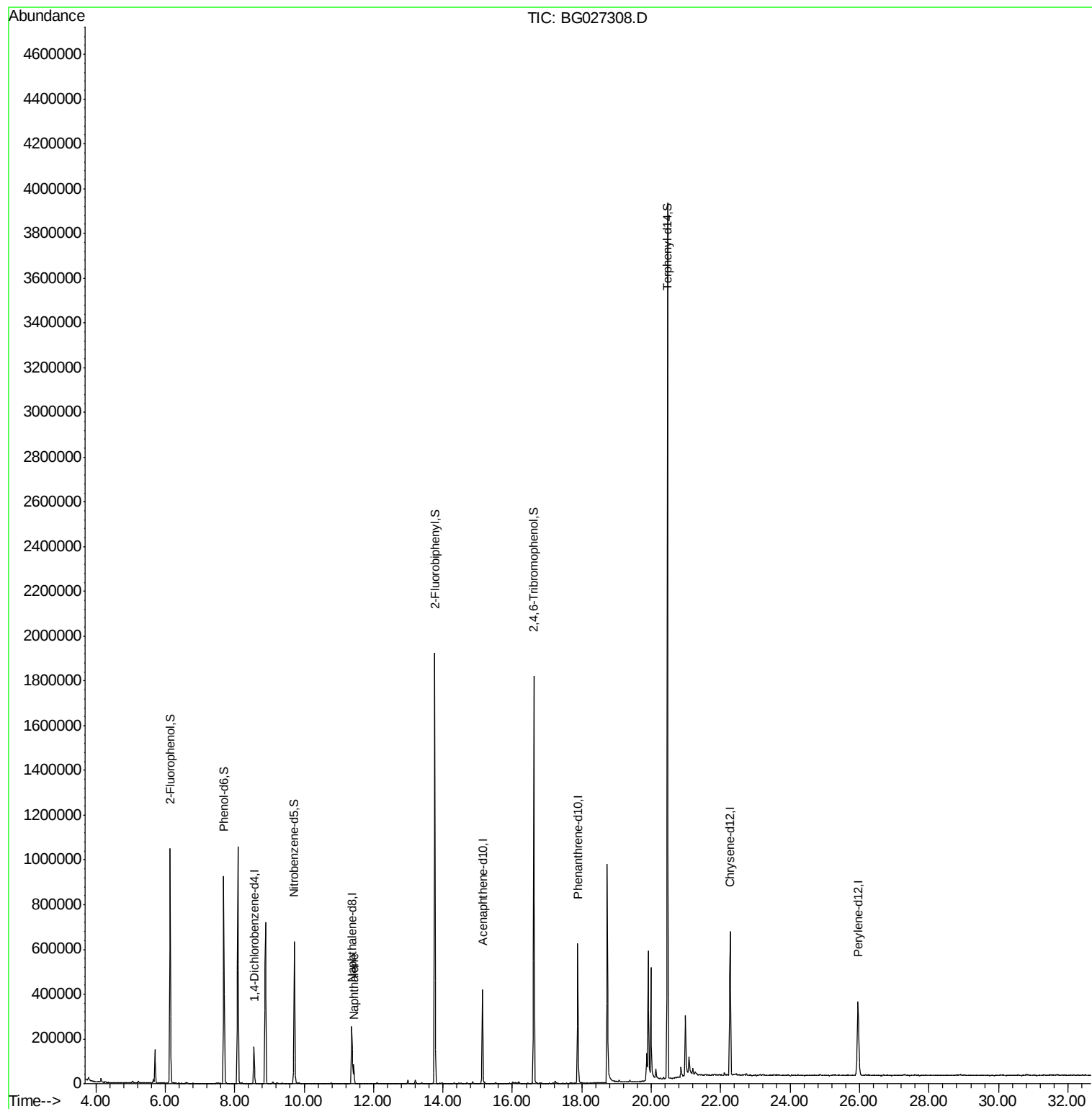
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	48502	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	226863	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	150356	20.00	ng	-0.02
63) Phenanthrene-d10	17.88	188	390831	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	444357	20.00	ng	-0.04
86) Perylene-d12	25.96	264	400897	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	478601	150.58	ng	-0.01
7) Phenol-d6	7.69	99	616426	132.12	ng	0.00
23) Nitrobenzene-d5	9.72	82	419468	116.28	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	365341	184.52	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	1024490	95.32	ng	-0.03
78) Terphenyl-d14	20.47	244	1792065	102.88	ng	-0.03
Target Compounds						
31) Naphthalene	11.43	128	78665	6.34	ng	Qvalue 96

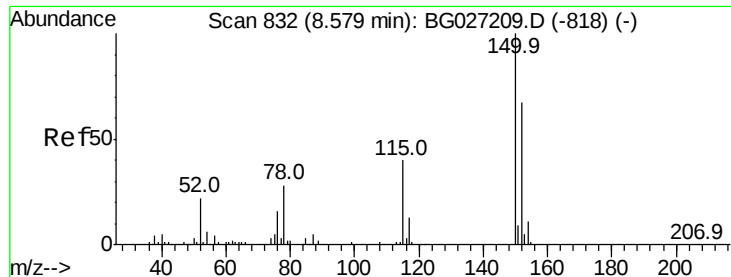
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027308.D
Acq On : 8 Jun 2017 8:01
Operator : SJ/MA
Sample : I3488-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-RO-211757-060517

Quant Time: Jun 08 10:59:01 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 829

Delta R.T. -0.02 min

Lab File: BG027308.D

Acq: 8 Jun 2017 8:01

Instrument :

BNA_G

ClientSampleId :

TR-RO-211757-060517

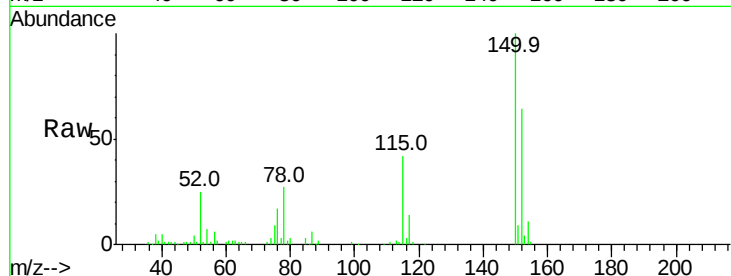
Tot Ion:152 Resp: 48502

Ion Ratio Lower Upper

152 100

150 157.4 114.0 171.0

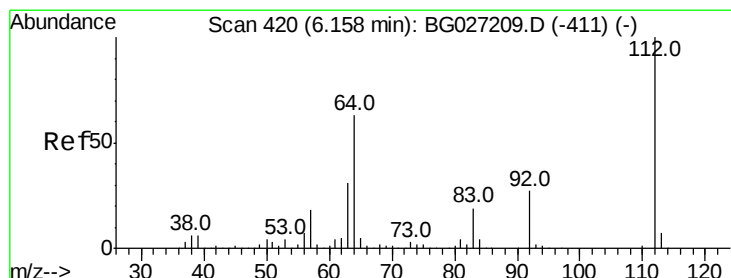
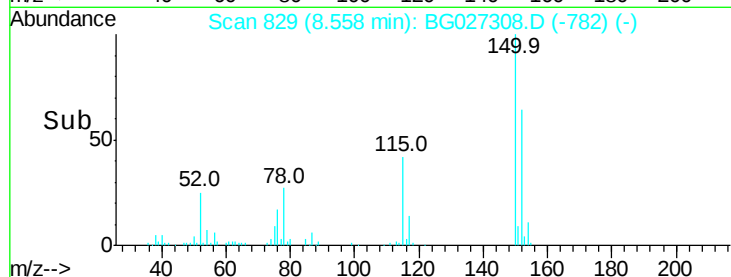
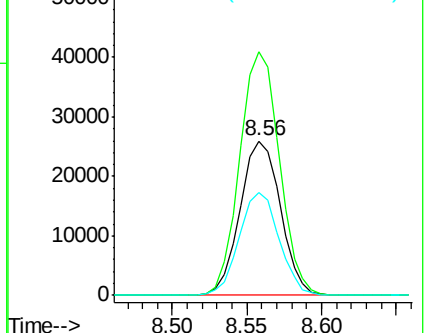
115 66.2 48.1 72.1



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: 150.58 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027308.D

Acq: 8 Jun 2017 8:01

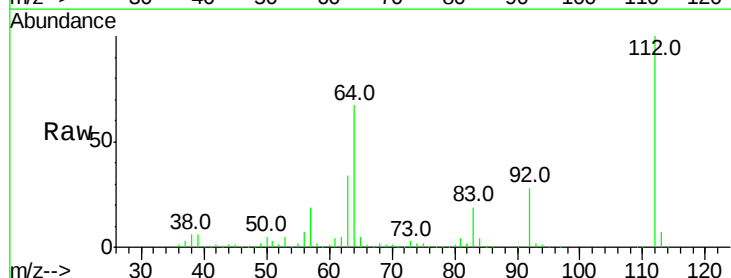
Tgt Ion:112 Resp: 478601

Ion Ratio Lower Upper

112 100

64 67.5 61.8 92.6

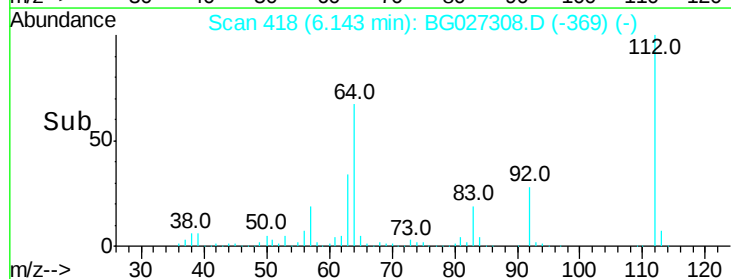
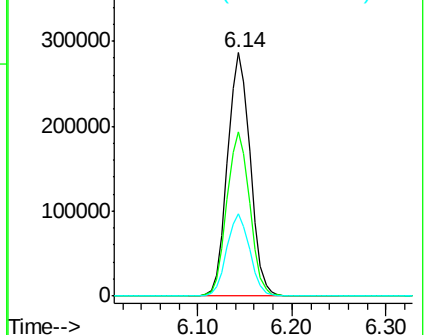
63 33.8 37.2 55.8#

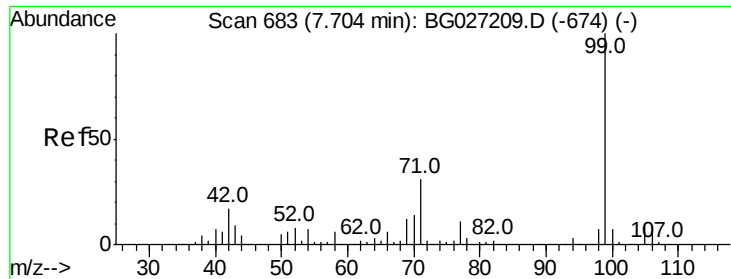


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.12 ng

RT: 7.69 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027308.D

Acq: 8 Jun 2017 8:01

Instrument :

BNA_G

ClientSampleId :

TR-RO-211757-060517

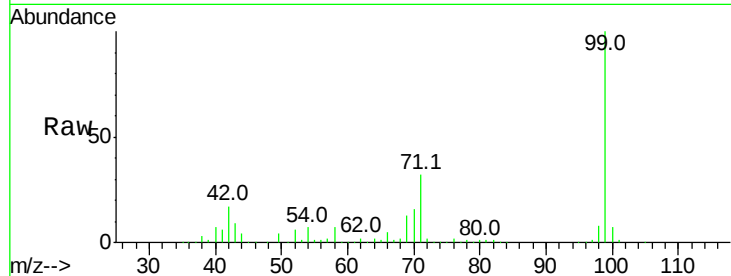
Tot Ion: 99 Resp: 616426

Ion Ratio Lower Upper

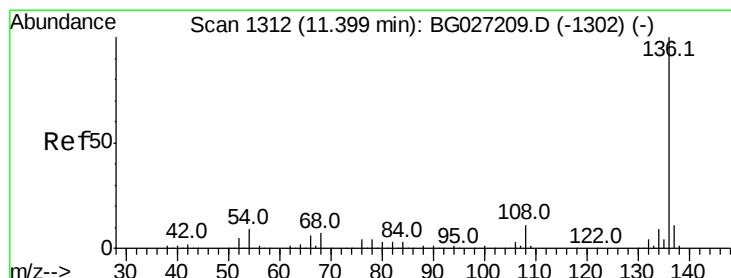
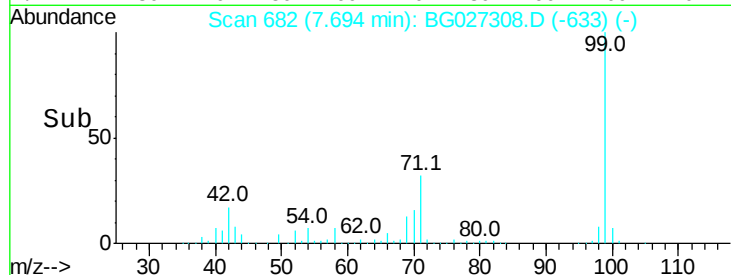
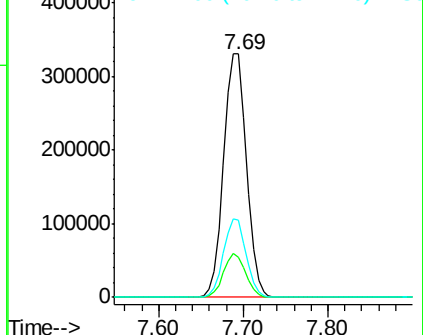
99 100

42 16.7 20.5 30.7#

71 31.8 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: BG027308.D

Acq: 8 Jun 2017 8:01

Tgt Ion: 136 Resp: 226863

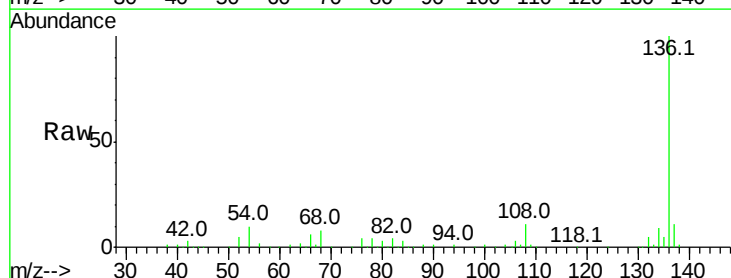
Ion Ratio Lower Upper

136 100

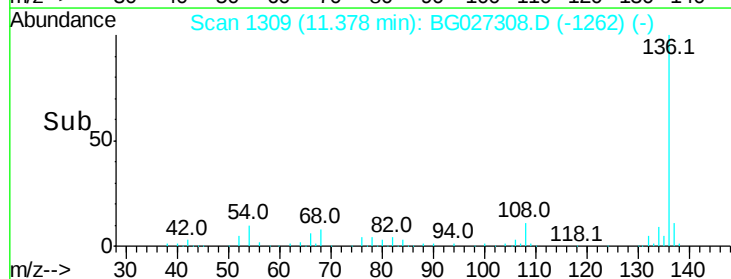
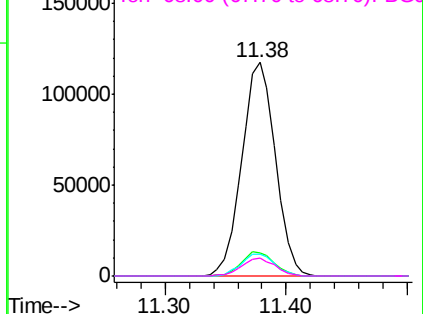
137 10.9 8.9 13.3

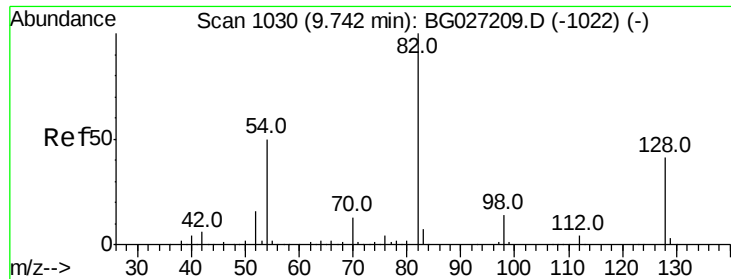
54 9.9 9.3 13.9

68 8.3 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

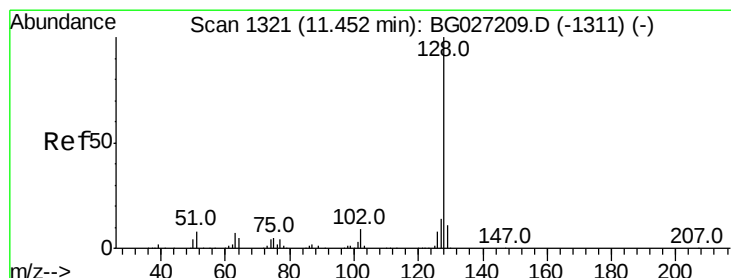
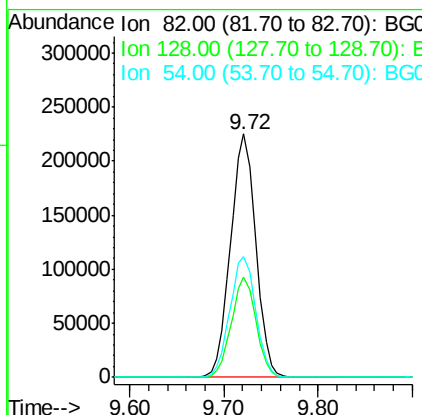
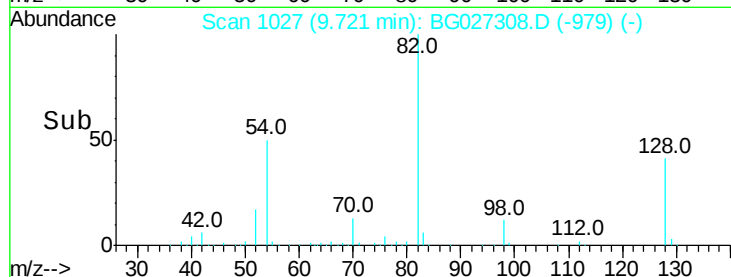
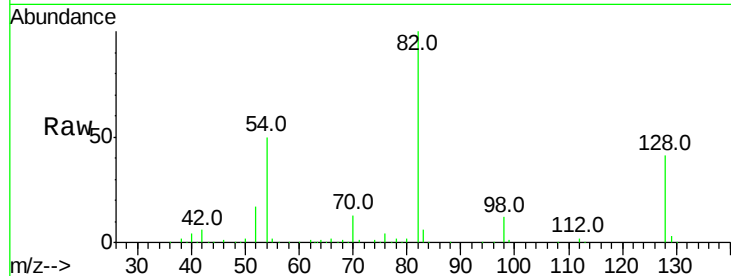




#23
 Nitrobenzene-d5
 Concen: 116.28 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027308.D
 Acq: 8 Jun 2017 8:01

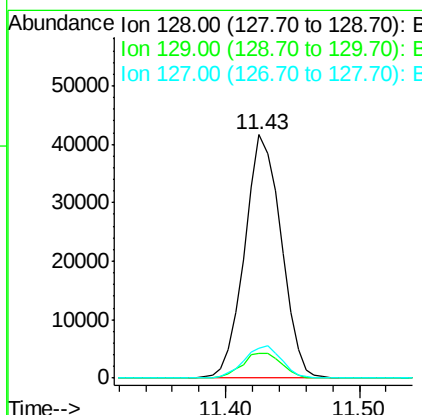
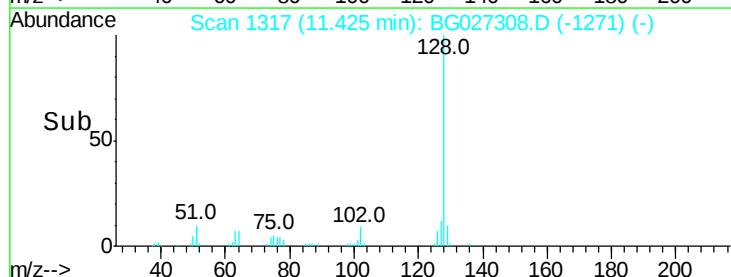
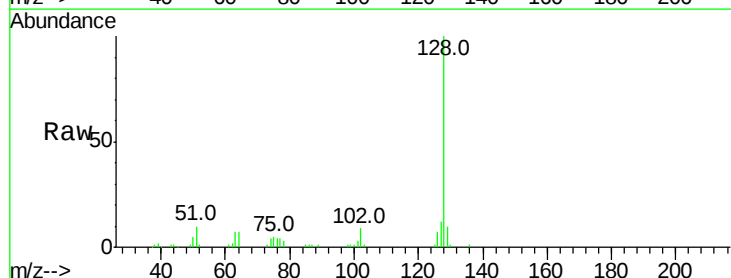
Instrument :
 BNA_G
 ClientSampleId :
 TR-RO-211757-060517

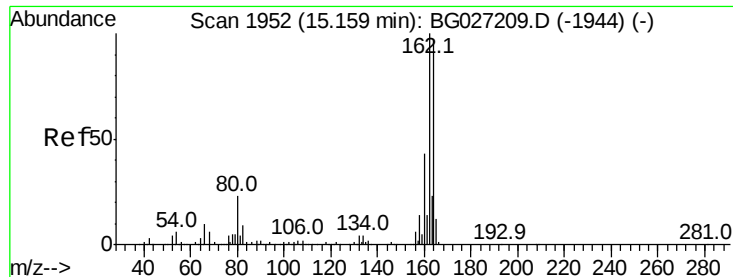
Tot Ion: 82 Resp: 419468
 Ion Ratio Lower Upper
 82 100
 128 41.1 26.4 39.6#
 54 49.8 49.4 74.2



#31
 Naphthalene
 Concen: 6.34 ng
 RT: 11.43 min Scan# 1317
 Delta R.T. -0.03 min
 Lab File: BG027308.D
 Acq: 8 Jun 2017 8:01

Tgt Ion: 128 Resp: 78665
 Ion Ratio Lower Upper
 128 100
 129 10.2 9.3 13.9
 127 12.4 11.4 17.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.14 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG027308.D

Acq: 8 Jun 2017 8:01

Instrument :

BNA_G

ClientSampleId :

TR-RO-211757-060517

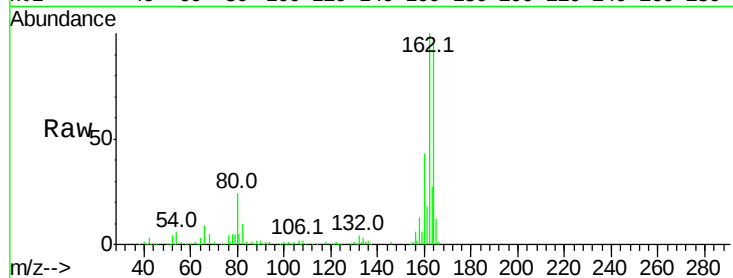
Tot Ion:164 Resp: 150356

Ion Ratio Lower Upper

164 100

162 105.7 85.1 127.7

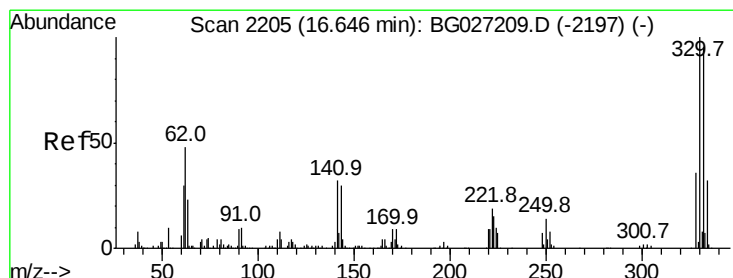
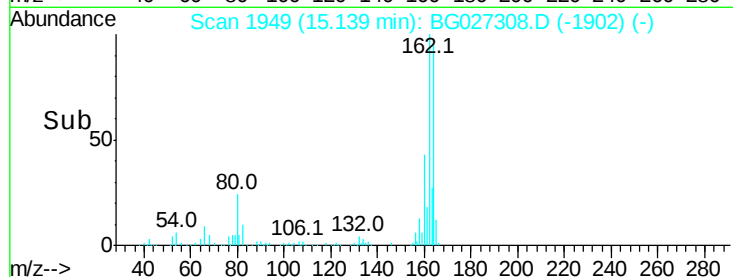
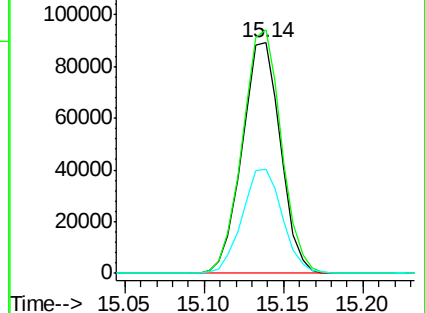
160 45.0 34.7 52.1



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: 184.52 ng

RT: 16.62 min Scan# 2201

Delta R.T. -0.03 min

Lab File: BG027308.D

Acq: 8 Jun 2017 8:01

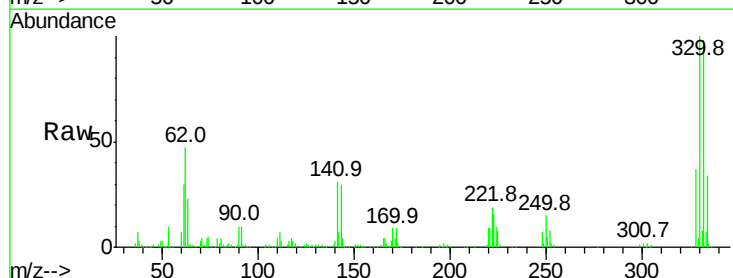
Tgt Ion:330 Resp: 365341

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

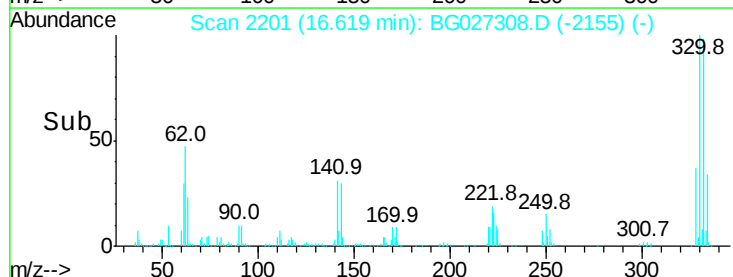
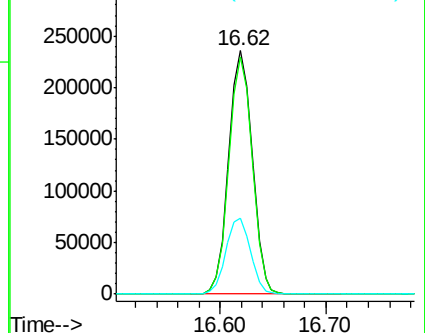
141 32.7 32.1 48.1

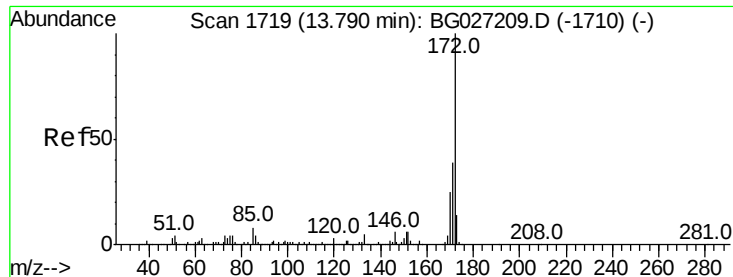


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

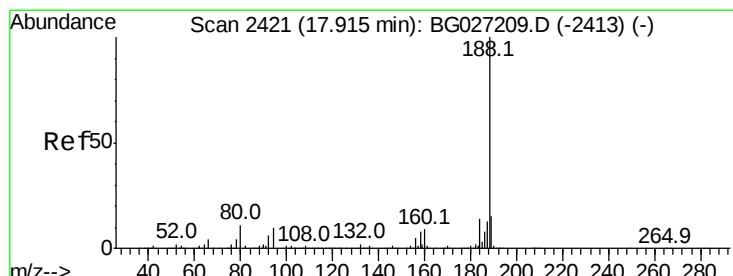
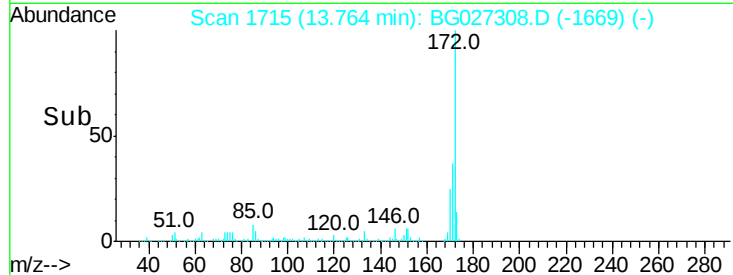
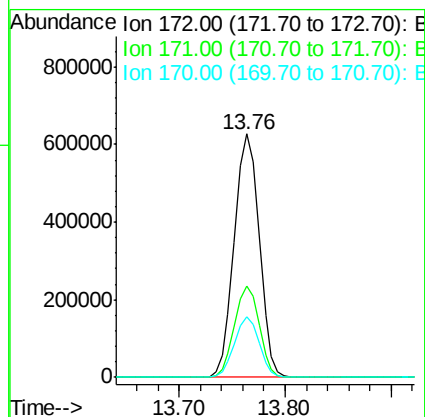
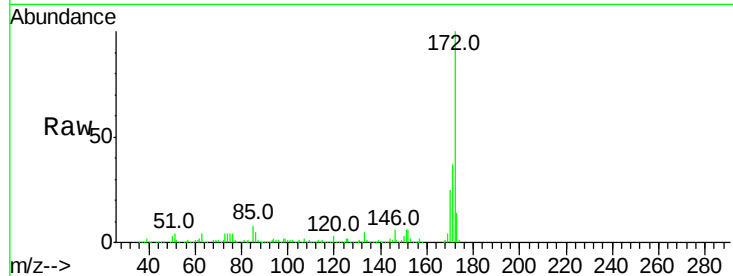




#44
2-Fluorobiphenyl
Concen: 95.32 ng
RT: 13.76 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027308.D
Acq: 8 Jun 2017 8:01

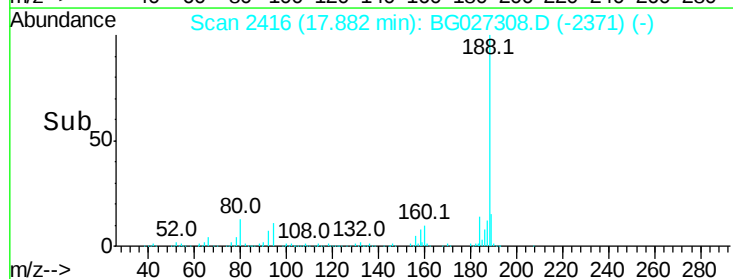
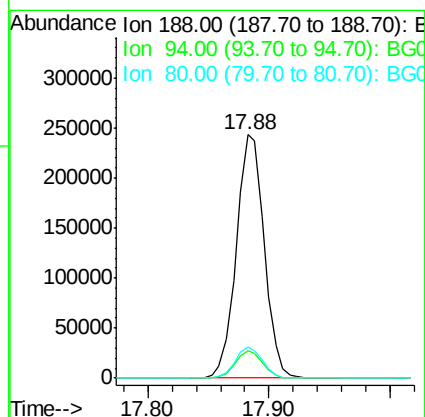
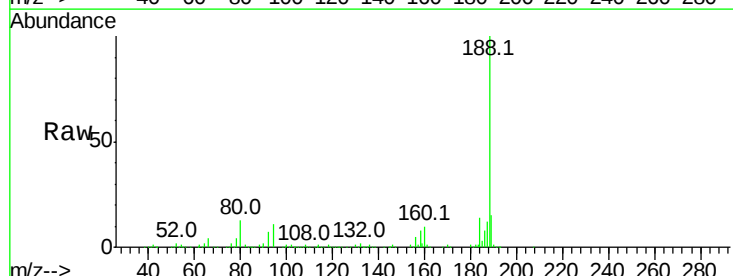
Instrument :
BNA_G
ClientSampleId :
TR-RO-211757-060517

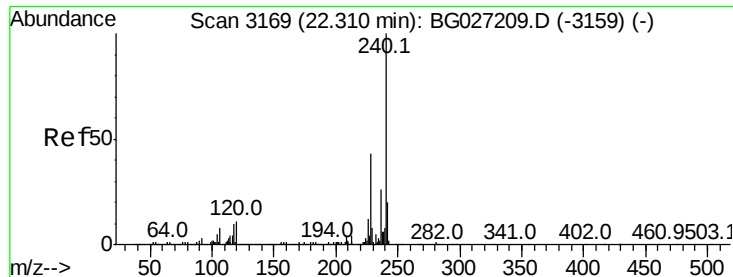
Tot Ion:172 Resp: 1024490
Ion Ratio Lower Upper
172 100
171 37.4 32.2 48.2
170 24.9 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027308.D
Acq: 8 Jun 2017 8:01

Tgt Ion:188 Resp: 390831
Ion Ratio Lower Upper
188 100
94 11.2 5.8 8.8#
80 12.6 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.27 min Scan# 3163

Delta R.T. -0.04 min

Lab File: BG027308.D

Acq: 8 Jun 2017 8:01

Instrument :

BNA_G

ClientSampleId :

TR-RO-211757-060517

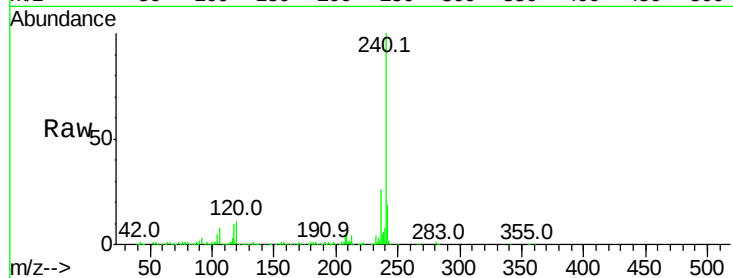
Tot Ion:240 Resp: 444357

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

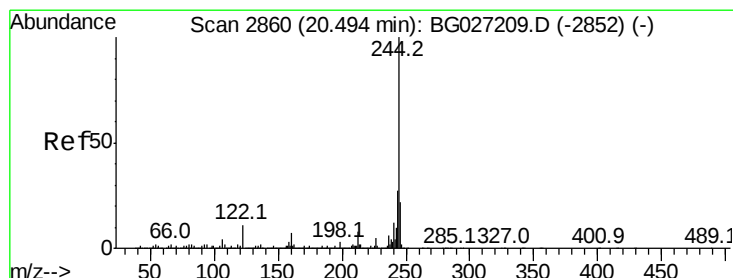
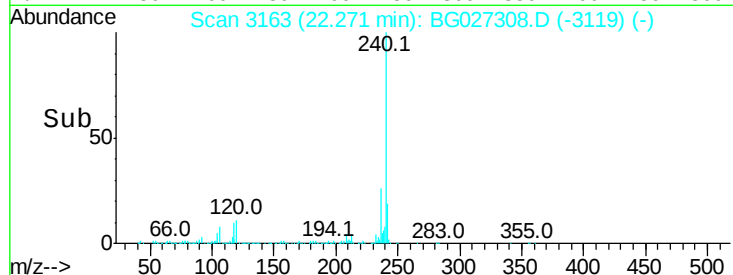
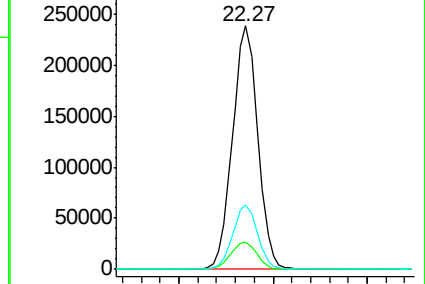
236 26.4 22.2 33.4



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: 102.88 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.03 min

Lab File: BG027308.D

Acq: 8 Jun 2017 8:01

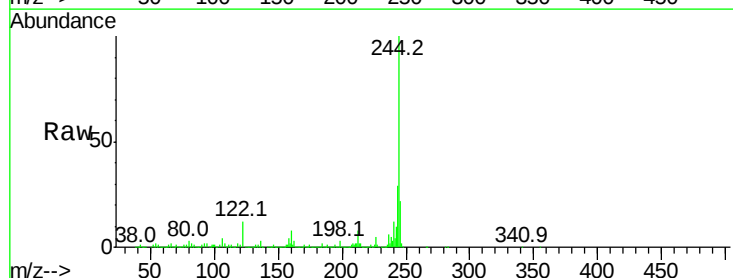
Tgt Ion:244 Resp: 1792065

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

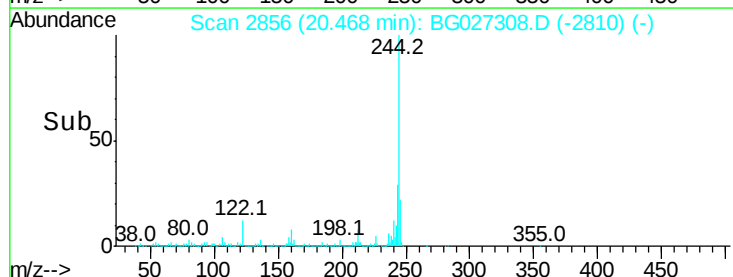
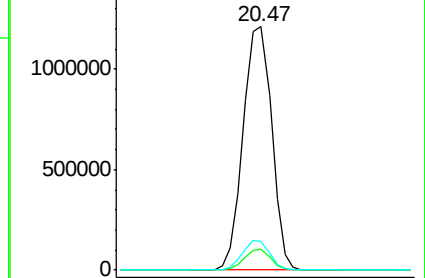
122 11.7 8.6 12.8

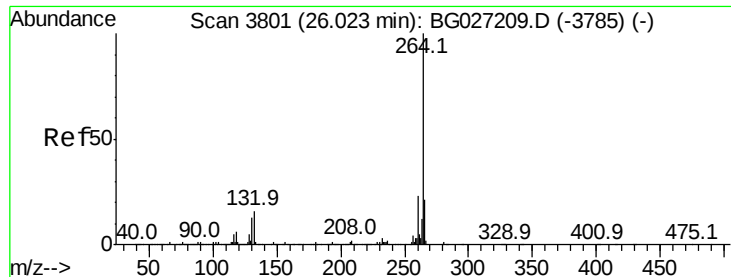


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.96 min Scan# 3790
 Delta R.T. -0.07 min
 Lab File: BG027308.D
 Acq: 8 Jun 2017 8:01

Instrument :
 BNA_G
 ClientSampleId :
 TR-RO-211757-060517

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	21.7	18.2	27.4

