

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027254.D
 Acq On : 6 Jun 2017 18:12
 Operator : SJ/MA
 Sample : PB99498BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 07 05:16:12 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

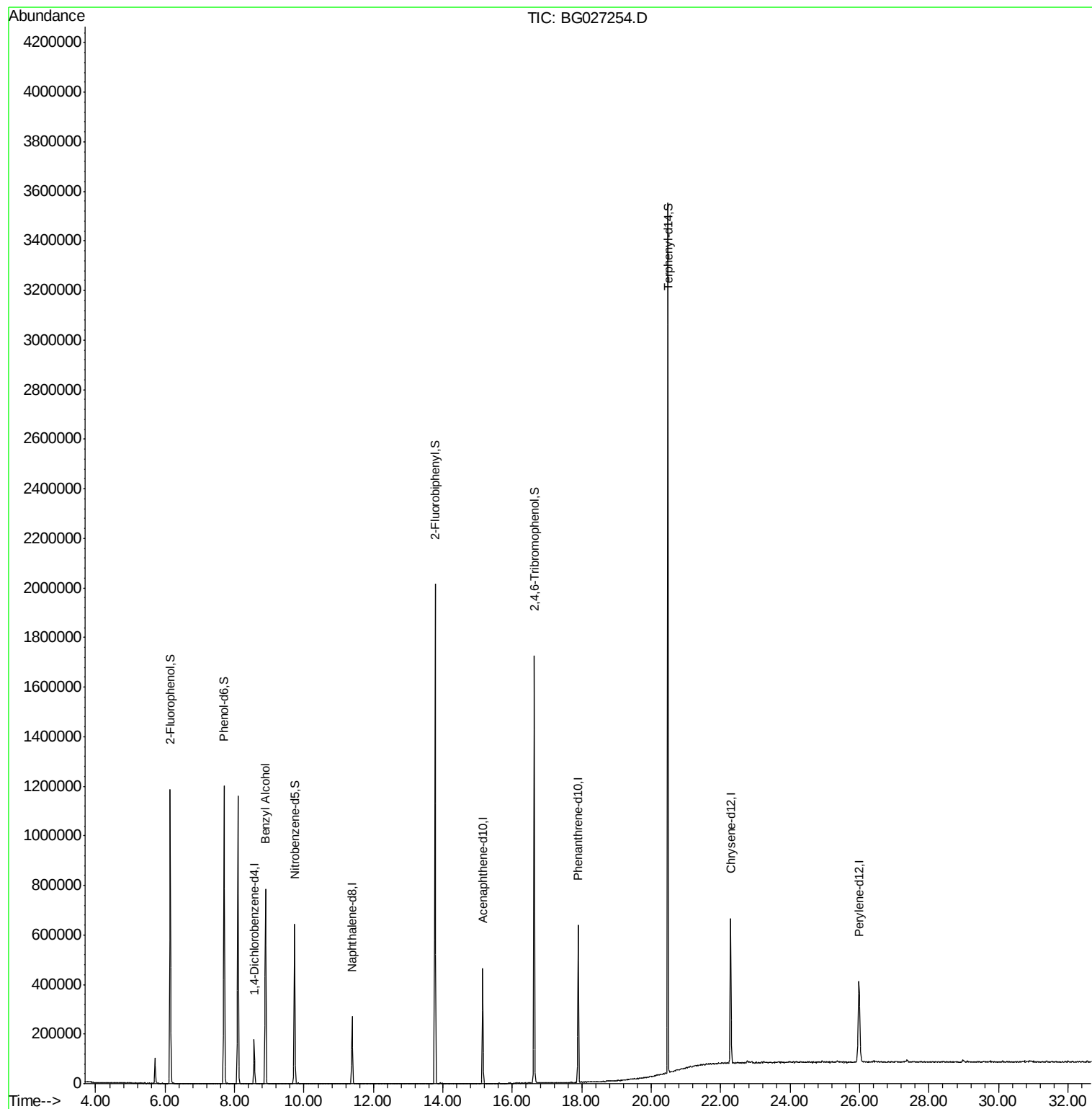
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	52901	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	254060	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	166615	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	395377	20.00	ng	-0.02
75) Chrysene-d12	22.29	240	419193	20.00	ng	-0.02
86) Perylene-d12	25.98	264	395749	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	577934	166.71	ng	-0.01
7) Phenol-d6	7.70	99	804030	158.00	ng	0.00
23) Nitrobenzene-d5	9.73	82	431069	106.71	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	344258	156.91	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1112573	93.42	ng	-0.02
78) Terphenyl-d14	20.48	244	1587578	96.61	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.89	79	7260	2.02	ng	Qvalue # 49

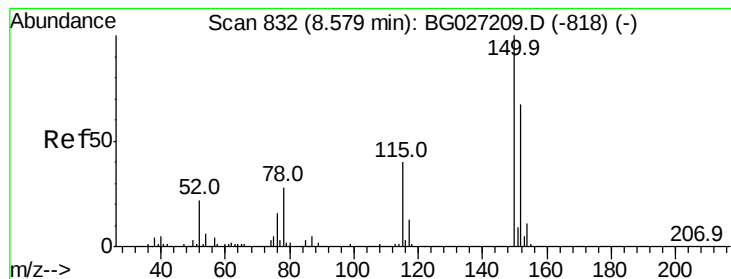
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG027254.D

Acq: 6 Jun 2017 18:12

Instrument :

BNA_G

ClientSampleId :

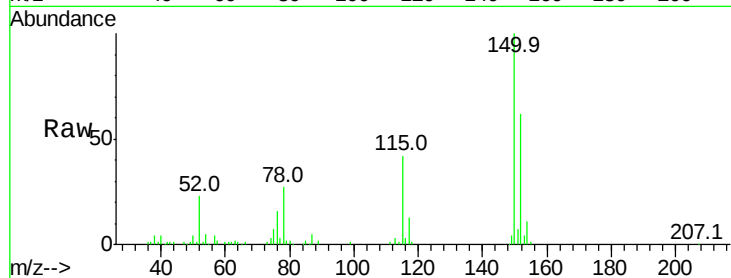
Tot Ion:152 Resp: 52901

Ion Ratio Lower Upper

152 100

150 160.2 114.0 171.0

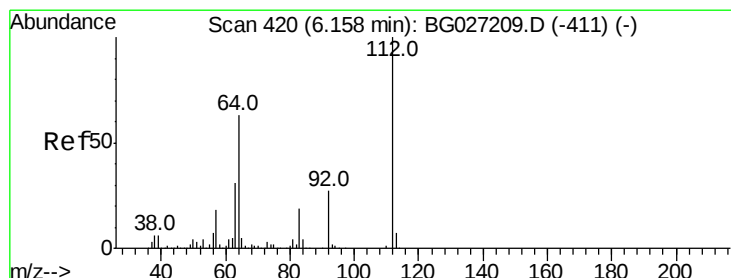
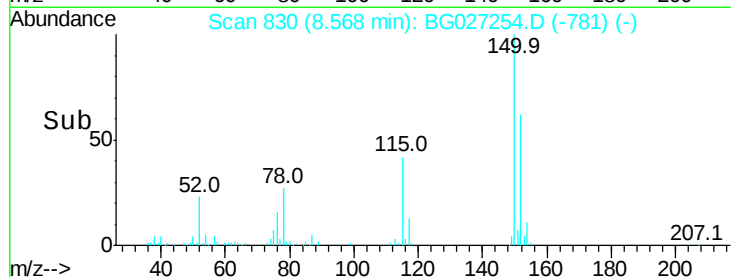
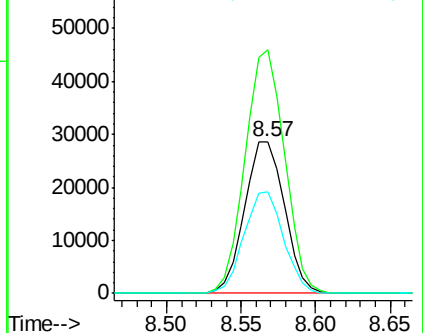
115 66.7 48.1 72.1



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: 166.71 ng

RT: 6.15 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027254.D

Acq: 6 Jun 2017 18:12

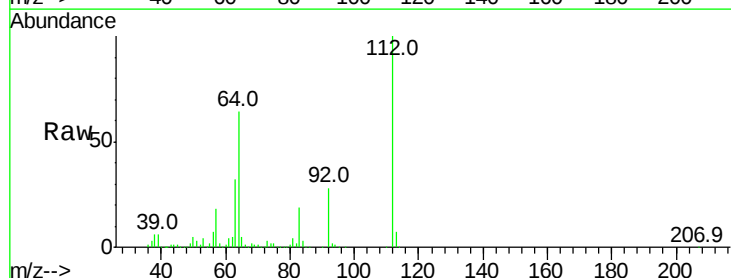
Tgt Ion:112 Resp: 577934

Ion Ratio Lower Upper

112 100

64 64.2 61.8 92.6

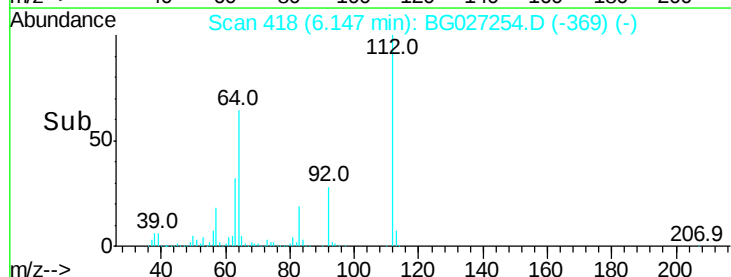
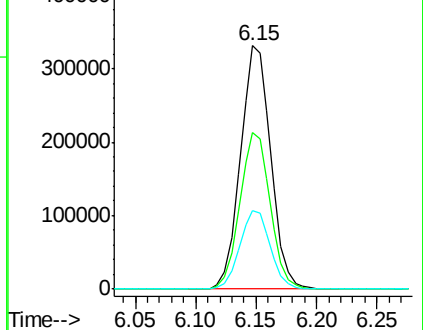
63 32.2 37.2 55.8#

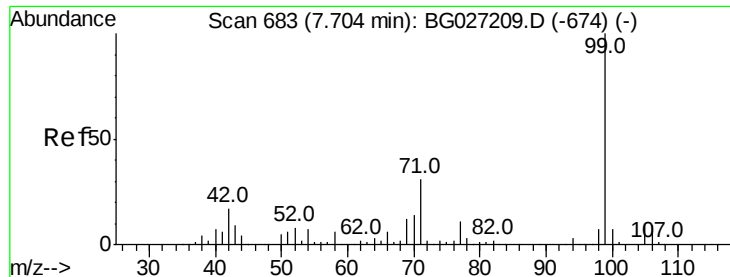


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 158.00 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027254.D

Acq: 6 Jun 2017 18:12

Instrument :

BNA_G

ClientSampled :

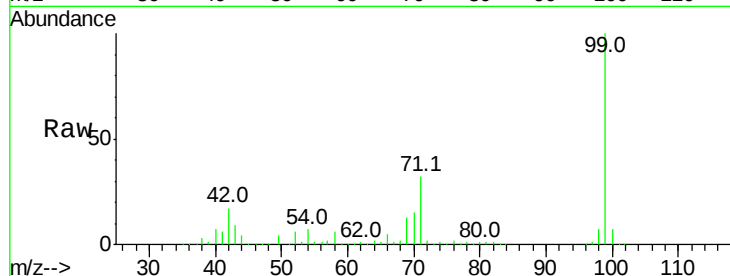
Tot Ion: 99 Resp: 804030

Ion Ratio Lower Upper

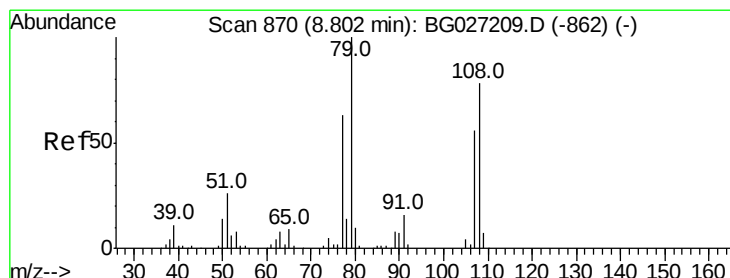
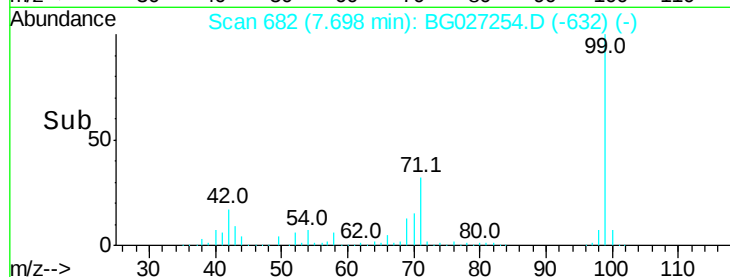
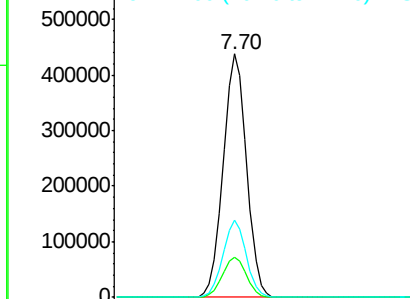
99 100

42 16.6 20.5 30.7#

71 31.6 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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 8.89 min Scan# 885

Delta R.T. 0.09 min

Lab File: BG027254.D

Acq: 6 Jun 2017 18:12

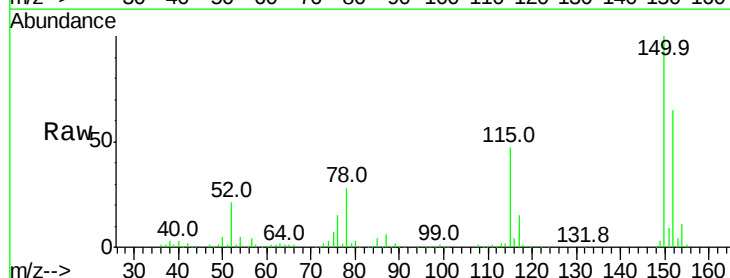
Tgt Ion: 79 Resp: 7260

Ion Ratio Lower Upper

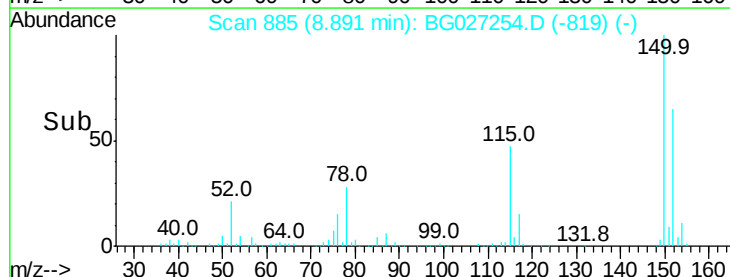
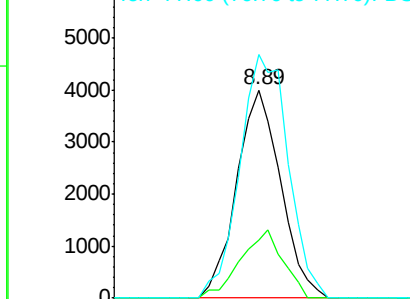
79 100

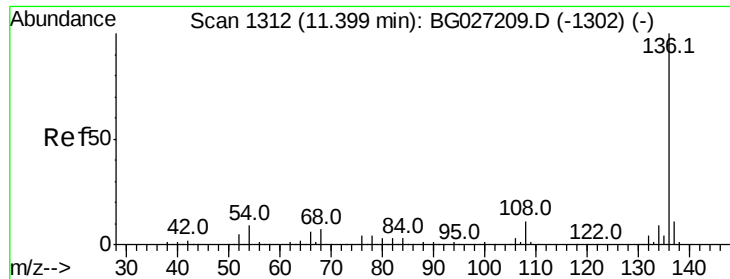
108 27.6 45.5 68.3#

77 117.2 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

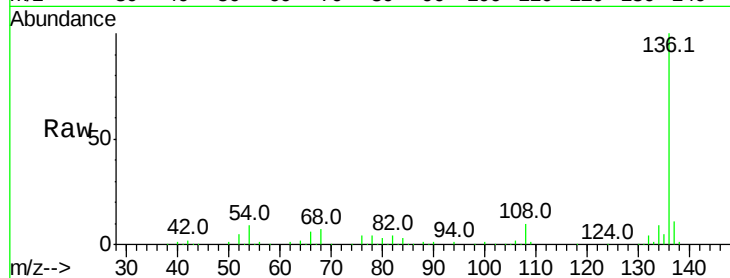




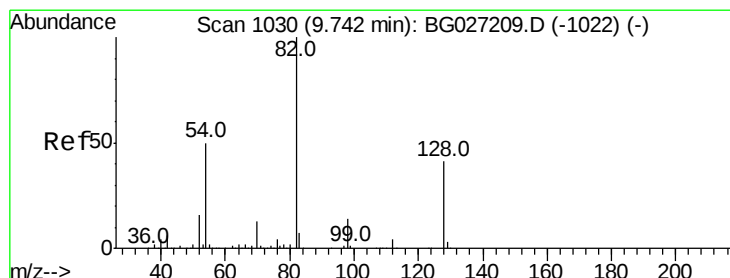
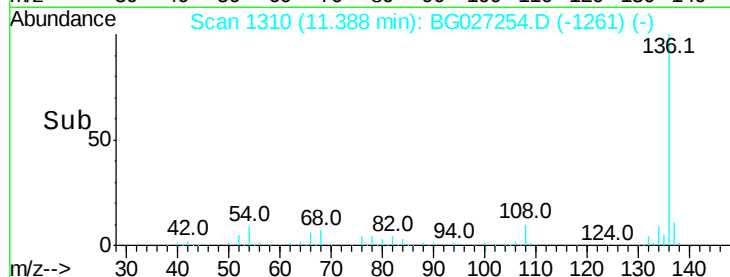
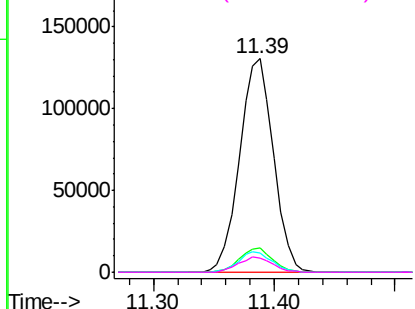
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027254.D
Acq: 6 Jun 2017 18:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	254060
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 8.9	9.3	13.9#
68 6.7	5.1	7.7

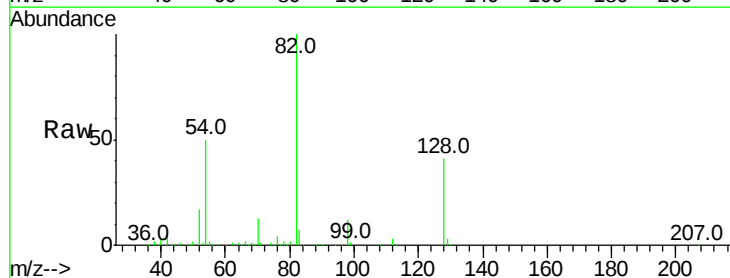


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

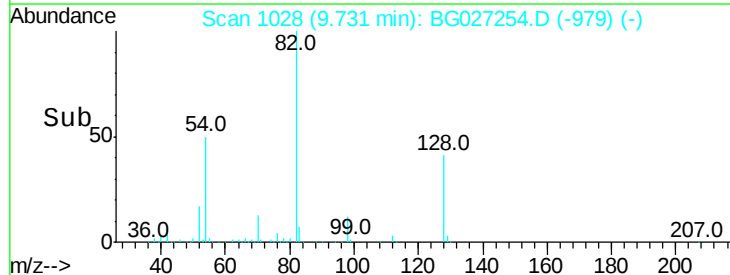
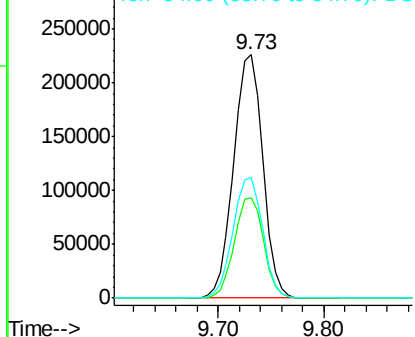


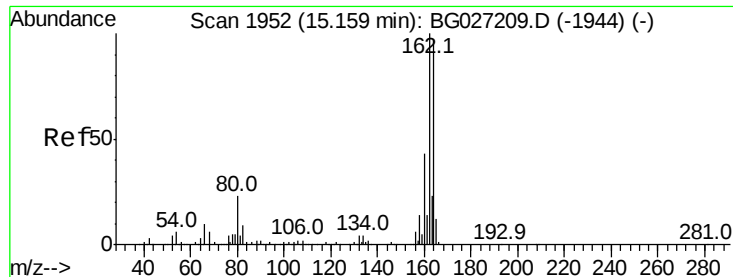
#23
Nitrobenzene-d5
Concen: 106.71 ng
RT: 9.73 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG027254.D
Acq: 6 Jun 2017 18:12

Tgt	Ion: 82	Resp:	431069
Ion	Ratio	Lower	Upper
82	100		
128	41.4	26.4	39.6#
54	49.7	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: 15.15 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG027254.D

Acq: 6 Jun 2017 18:12

Instrument :

BNA_G

ClientSampleId :

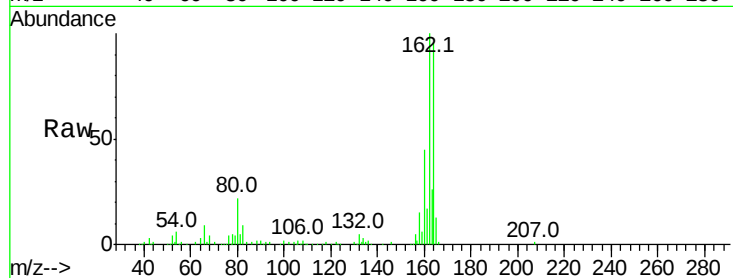
Tot Ion:164 Resp: 166615

Ion Ratio Lower Upper

164 100

162 103.8 85.1 127.7

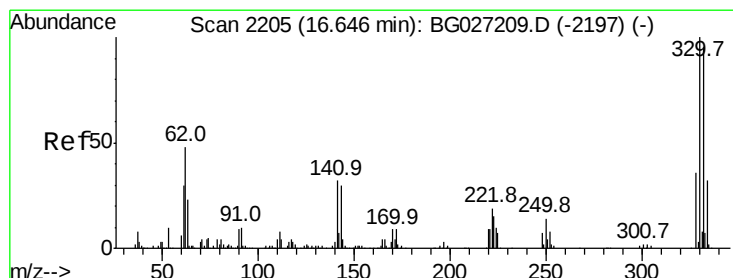
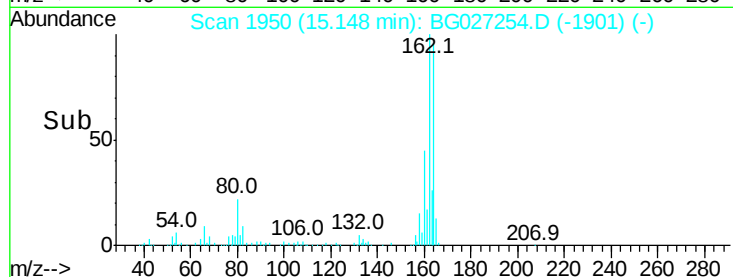
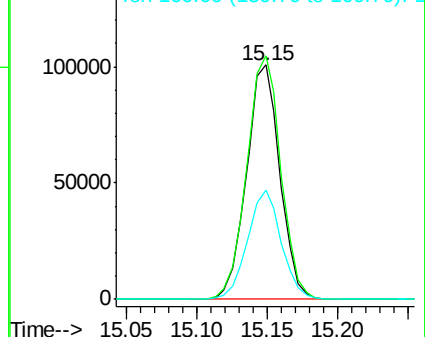
160 46.5 34.7 52.1



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: 156.91 ng

RT: 16.63 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG027254.D

Acq: 6 Jun 2017 18:12

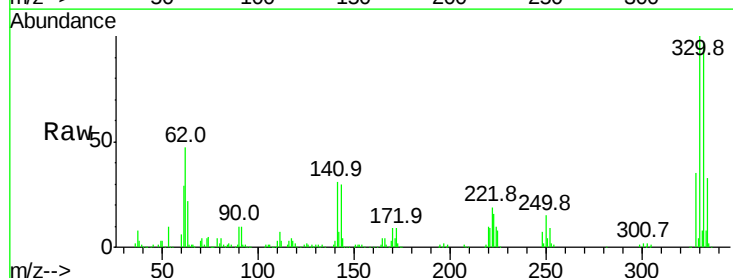
Tgt Ion:330 Resp: 344258

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

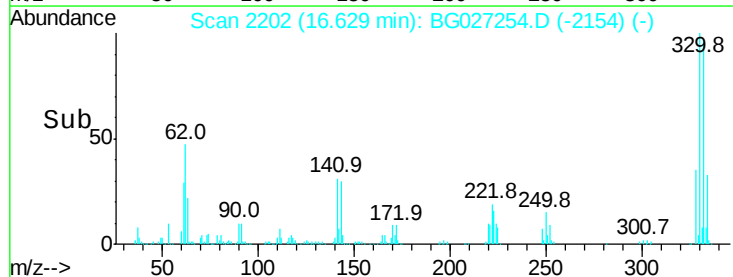
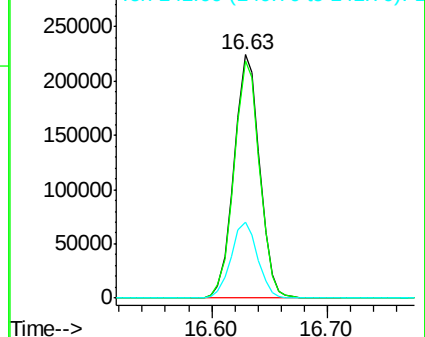
141 32.4 32.1 48.1



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



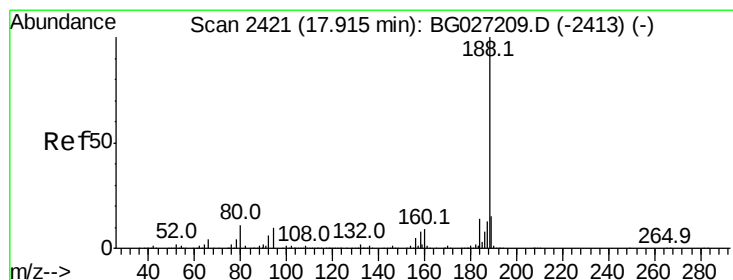
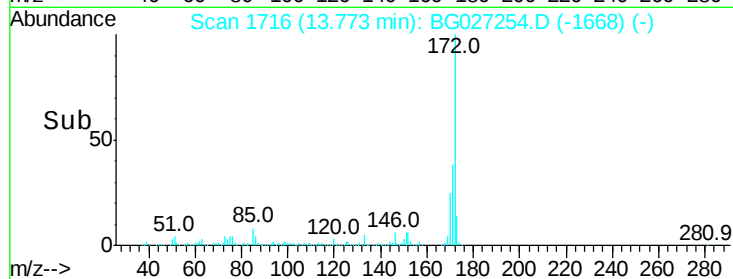
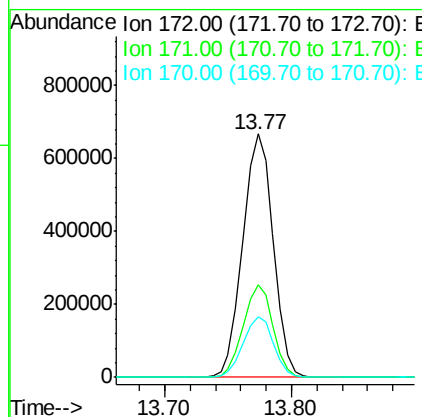
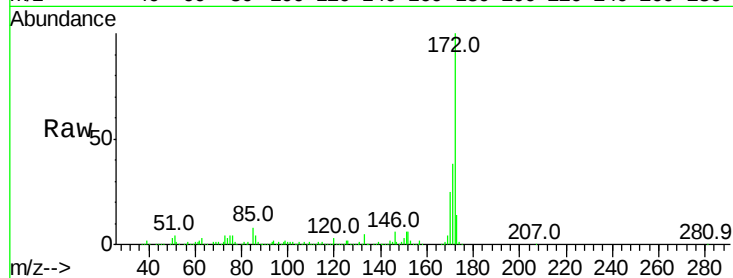


#44
 2-Fluorobiphenyl
 Concen: 93.42 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027254.D
 Acq: 6 Jun 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1112573

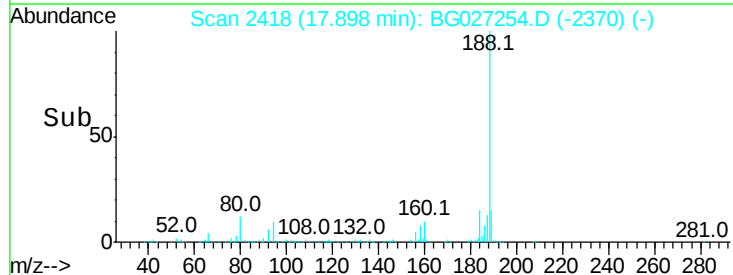
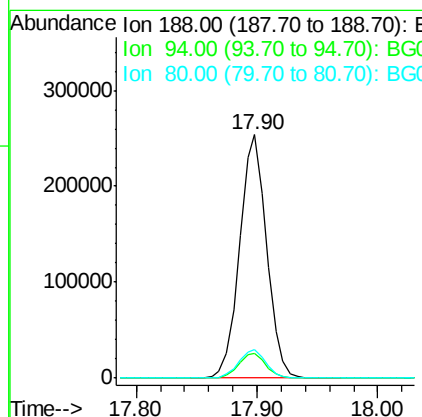
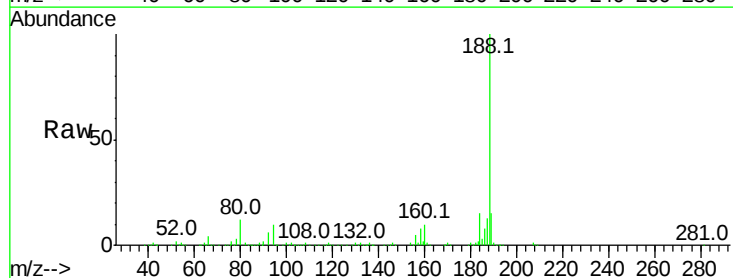
Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	25.0	21.8	32.6

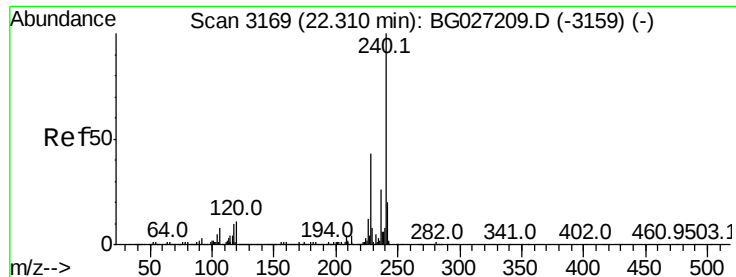


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.90 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG027254.D
 Acq: 6 Jun 2017 18:12

Tgt Ion:188 Resp: 395377

Ion	Ratio	Lower	Upper
188	100		
94	10.2	5.8	8.8#
80	11.5	7.5	11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.29 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG027254.D

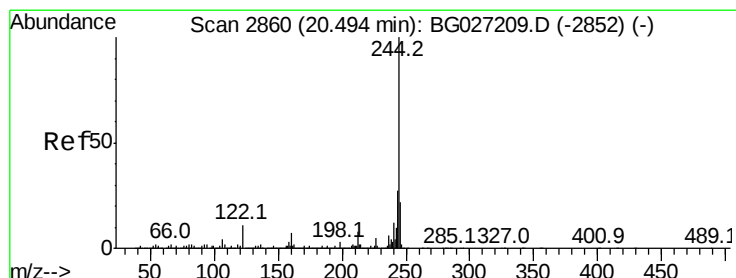
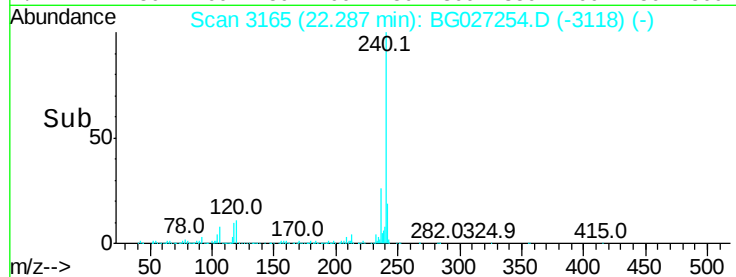
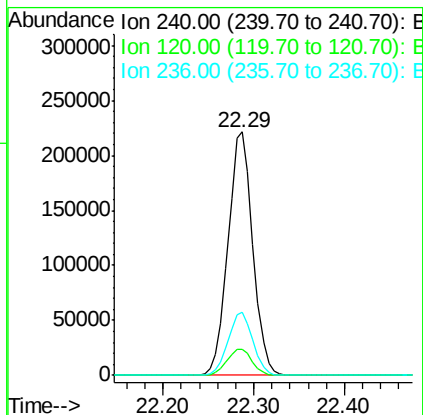
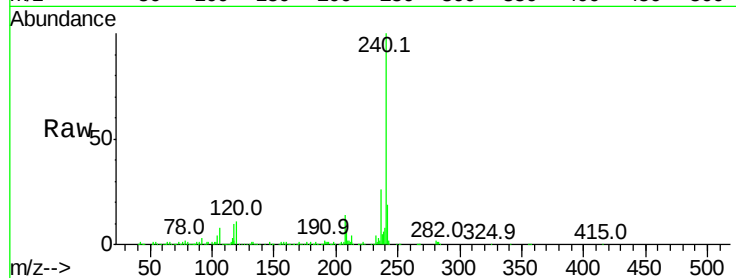
Acq: 6 Jun 2017 18:12

Instrument :

BNA_G

ClientSampled :

Tot Ion:240 Resp: 419193
 Ion Ratio Lower Upper
 240 100
 120 10.6 5.7 8.5#
 236 25.9 22.2 33.4



#78

Terphenyl-d14

Concen: 96.61 ng

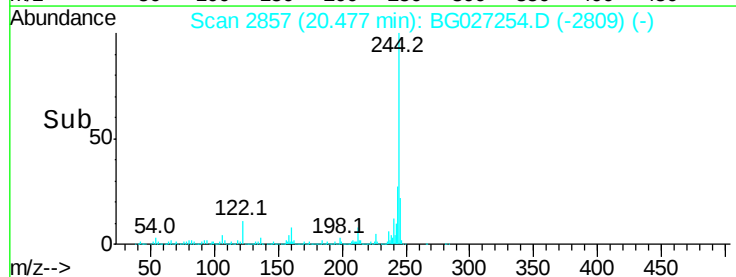
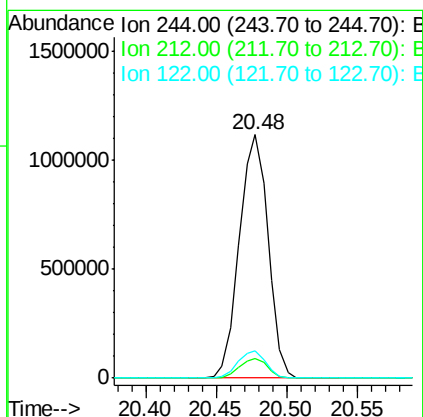
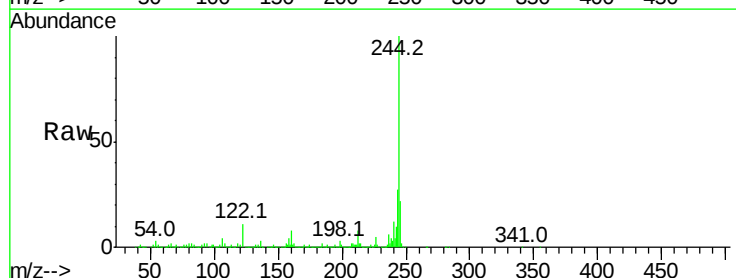
RT: 20.48 min Scan# 2857

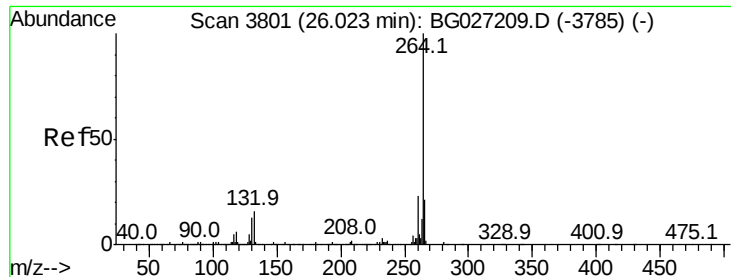
Delta R.T. -0.02 min

Lab File: BG027254.D

Acq: 6 Jun 2017 18:12

Tgt Ion:244 Resp: 1587578
 Ion Ratio Lower Upper
 244 100
 212 8.2 10.0 15.0#
 122 11.4 8.6 12.8

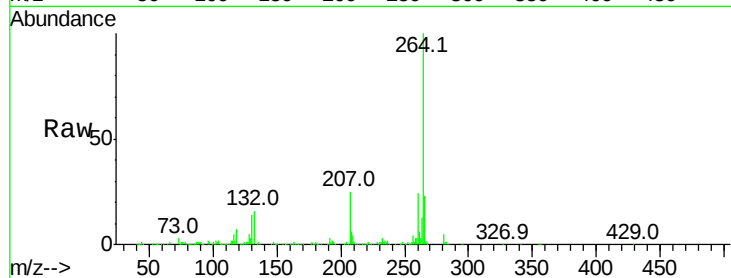




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.98 min Scan# 3794
 Delta R.T. -0.04 min
 Lab File: BG027254.D
 Acq: 6 Jun 2017 18:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.7	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

