

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027323.D
 Acq On : 8 Jun 2017 19:00
 Operator : SJ/MA
 Sample : I3460-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 05:49:14 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

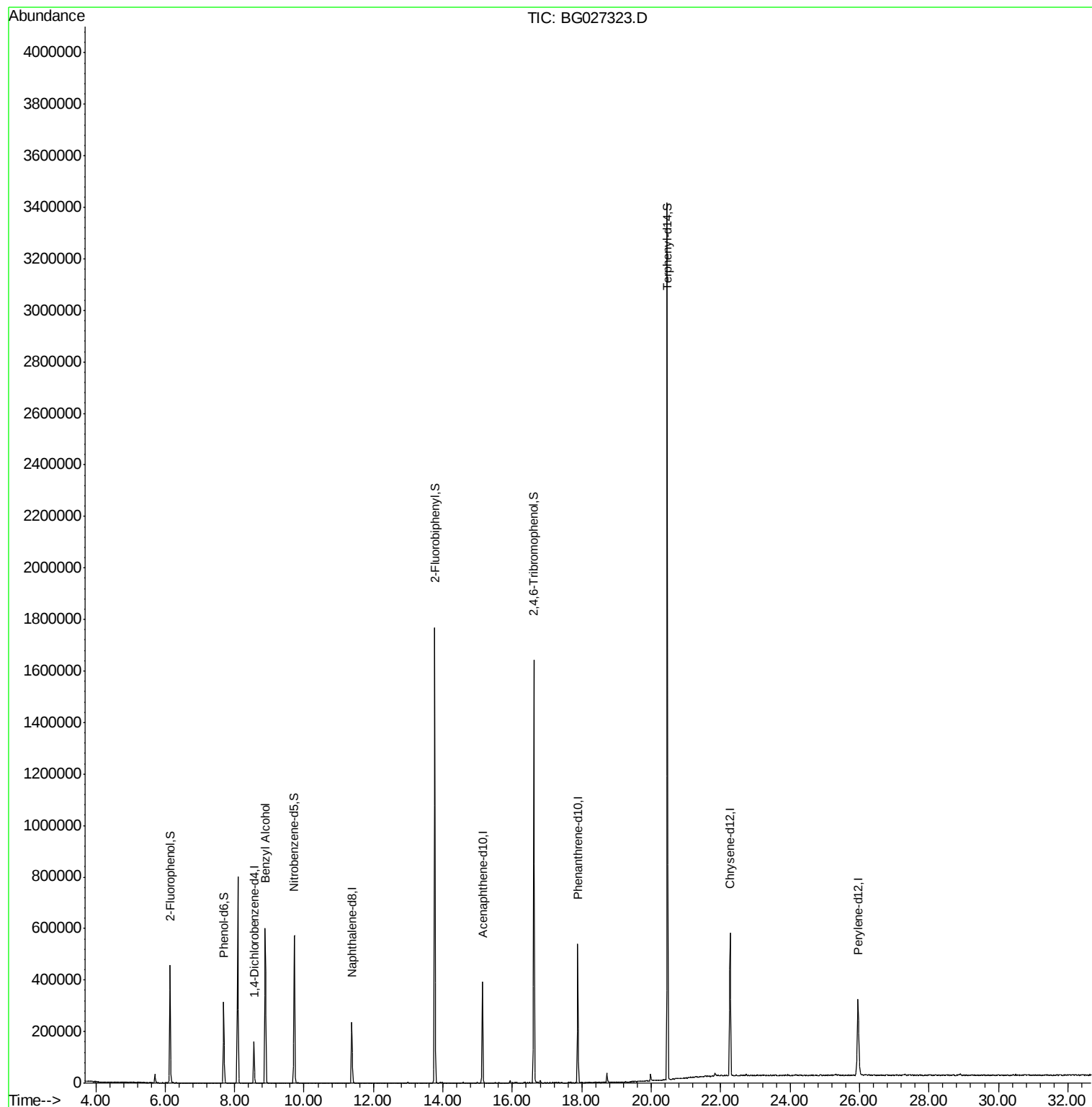
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	44443	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	214158	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	140939	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	341096	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	385412	20.00	ng	-0.04
86) Perylene-d12	25.96	264	357705	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	215081	73.85	ng	-0.01
7) Phenol-d6	7.68	99	203036	47.49	ng	-0.02
23) Nitrobenzene-d5	9.72	82	386217	113.42	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	319616	172.21	ng	-0.03
44) 2-Fluorobiphenyl	13.77	172	945497	93.85	ng	-0.03
78) Terphenyl-d14	20.46	244	1574524	104.22	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.88	79	6123	2.03	ng	Qvalue # 48

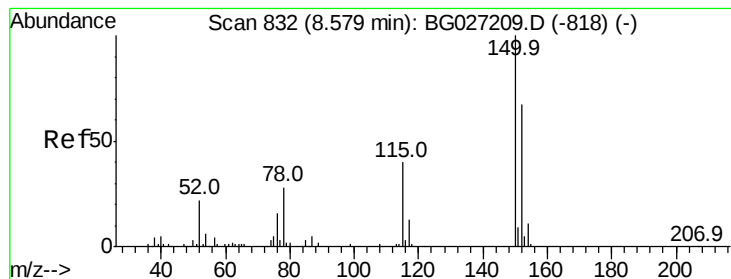
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027323.D

Acq: 8 Jun 2017 19:00

Instrument :

BNA_G

ClientSampleId :

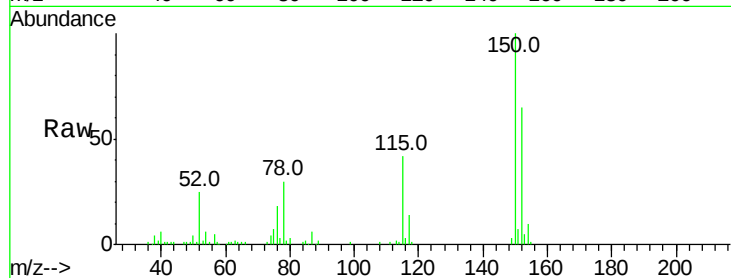
Tot Ion:152 Resp: 44443

Ion Ratio Lower Upper

152 100

150 153.2 114.0 171.0

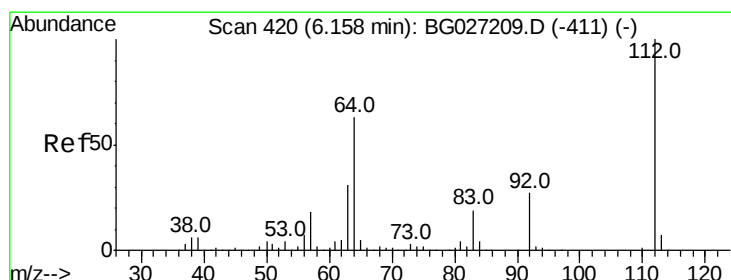
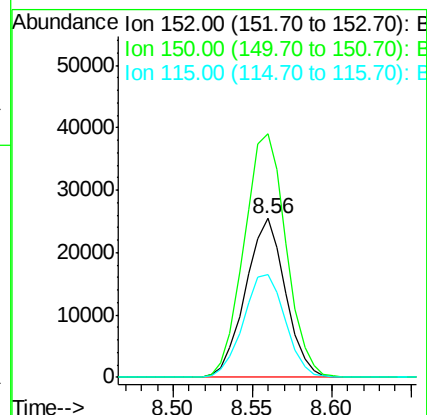
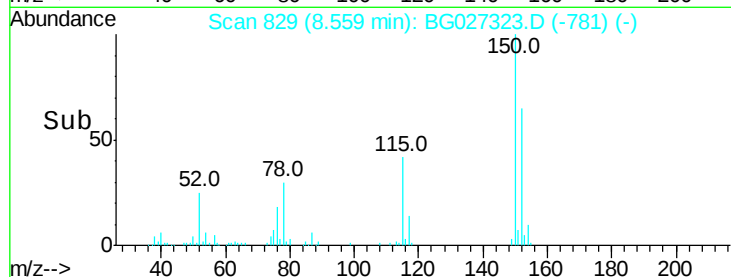
115 64.8 48.1 72.1



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: 73.85 ng

RT: 6.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027323.D

Acq: 8 Jun 2017 19:00

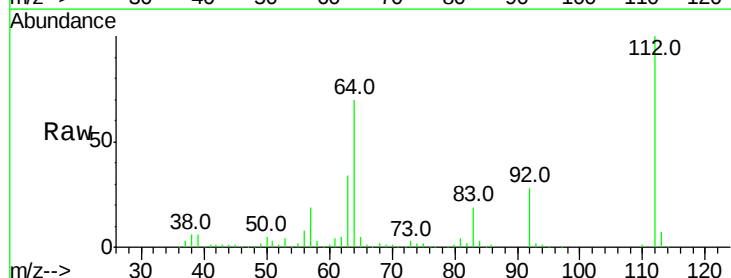
Tgt Ion:112 Resp: 215081

Ion Ratio Lower Upper

112 100

64 69.8 61.8 92.6

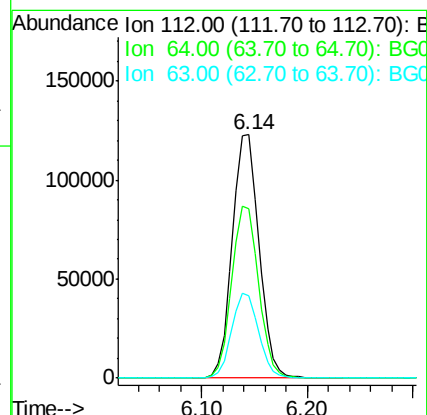
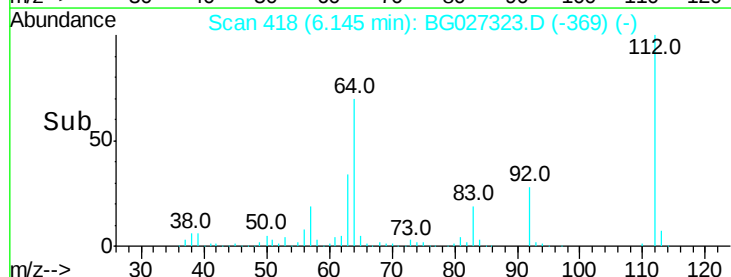
63 33.8 37.2 55.8#

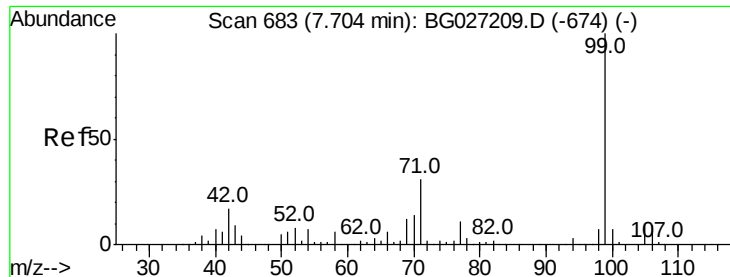


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 47.49 ng

RT: 7.68 min Scan# 680

Delta R.T. -0.02 min

Lab File: BG027323.D

Acq: 8 Jun 2017 19:00

Instrument :

BNA_G

ClientSampled :

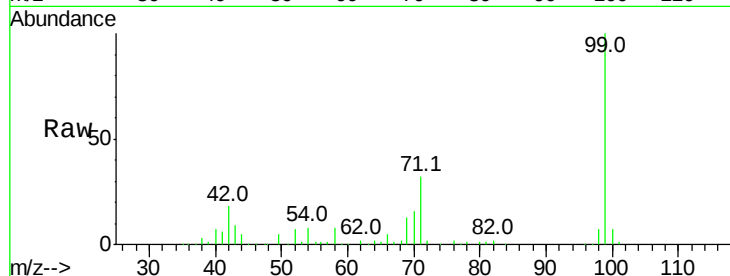
Tot Ion: 99 Resp: 203036

Ion Ratio Lower Upper

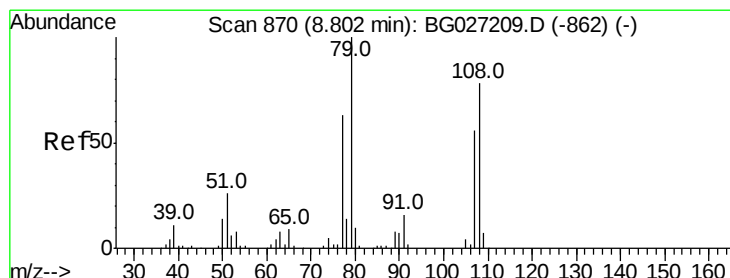
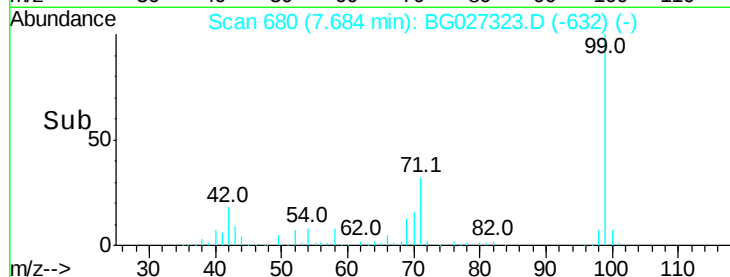
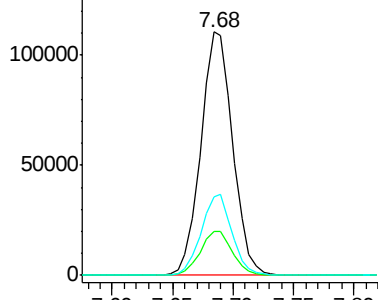
99 100

42 18.3 20.5 30.7#

71 32.3 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: 2.03 ng

RT: 8.88 min Scan# 884

Delta R.T. 0.08 min

Lab File: BG027323.D

Acq: 8 Jun 2017 19:00

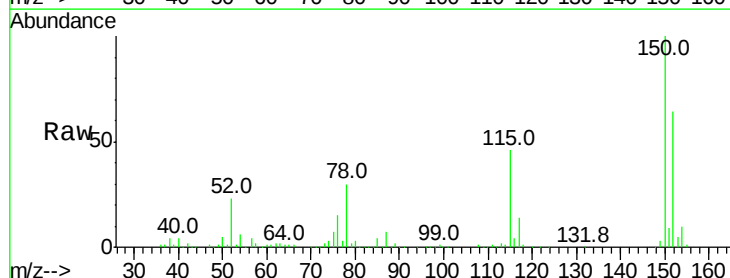
Tgt Ion: 79 Resp: 6123

Ion Ratio Lower Upper

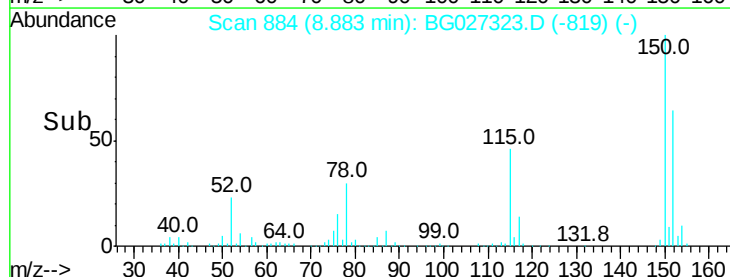
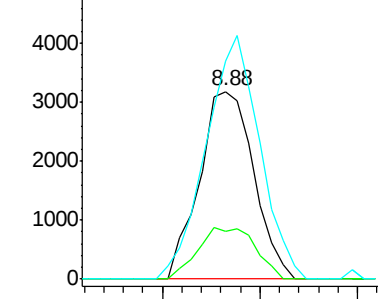
79 100

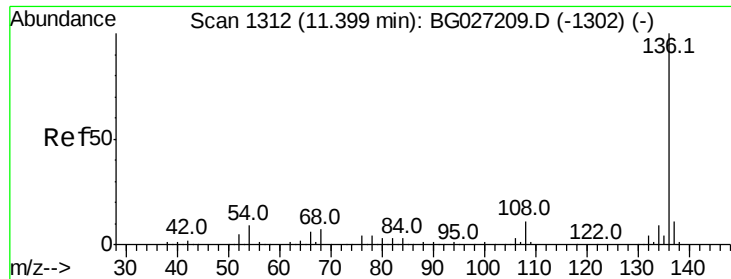
108 25.4 45.5 68.3#

77 115.8 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

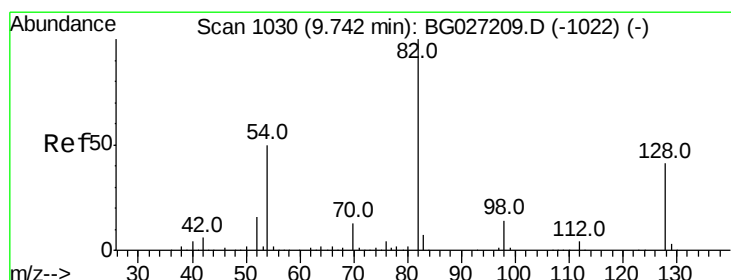
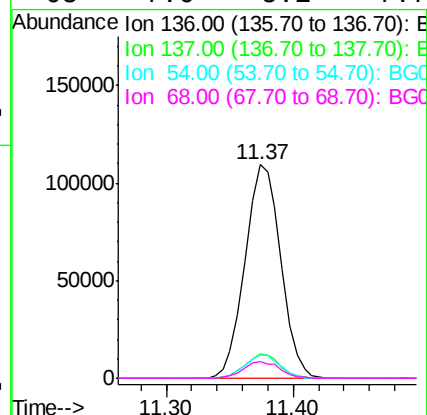
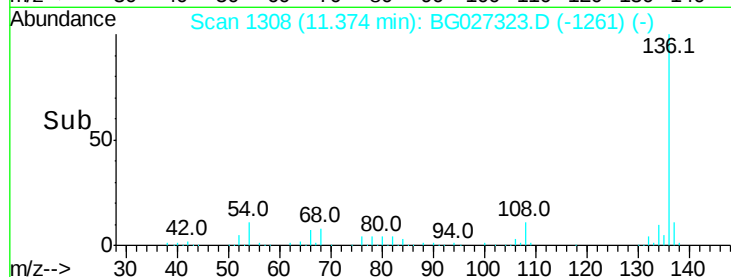
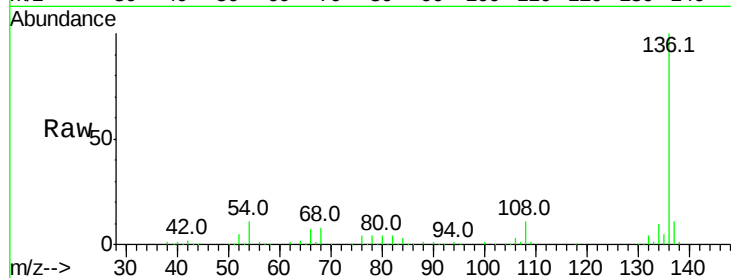




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027323.D
Acq: 8 Jun 2017 19:00

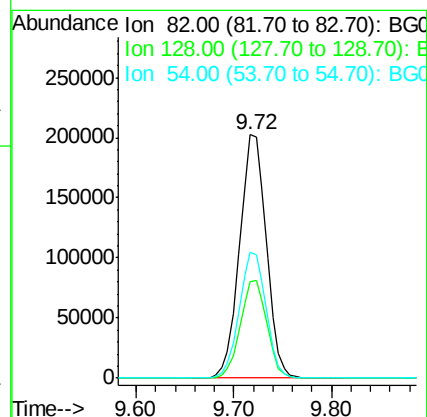
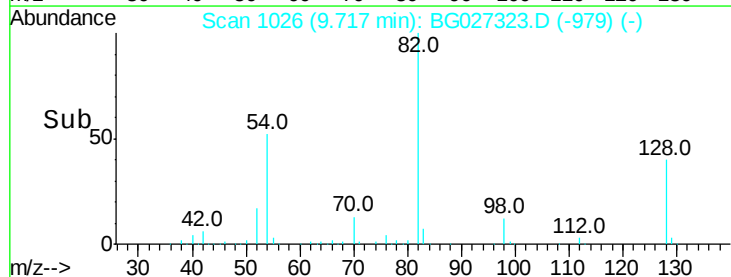
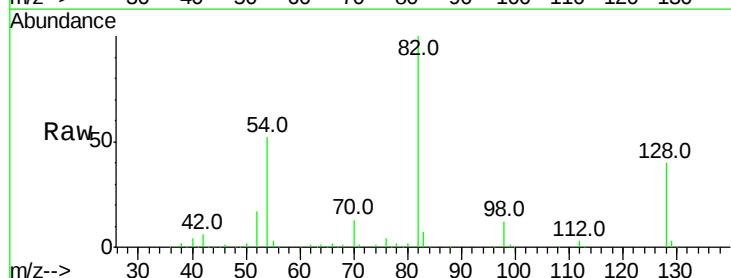
Instrument :
BNA_G
ClientSampleId :

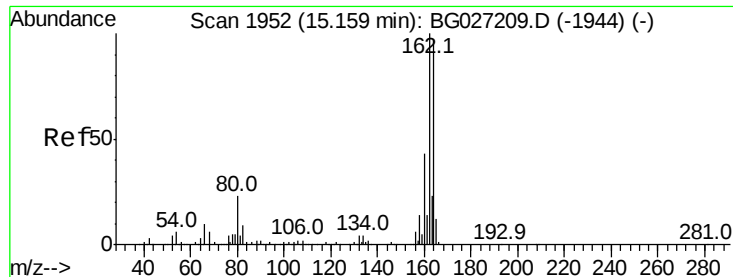
Tot Ion:	136	Resp:	214158
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.6	9.3	13.9
68	7.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 113.42 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027323.D
Acq: 8 Jun 2017 19:00

Tgt Ion:	82	Resp:	386217
Ion	Ratio	Lower	Upper
82	100		
128	39.6	26.4	39.6
54	51.7	49.4	74.2

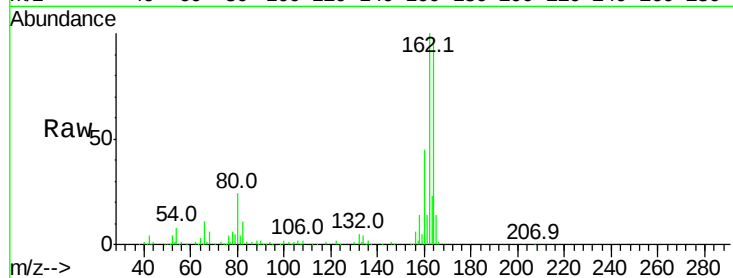




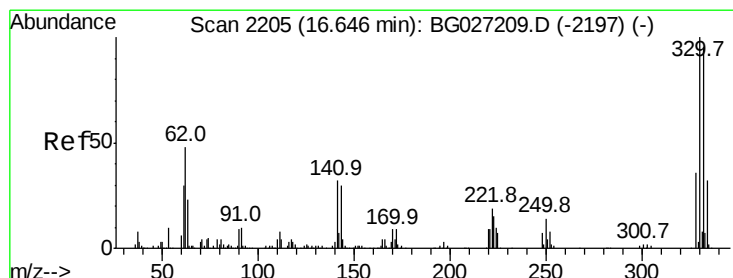
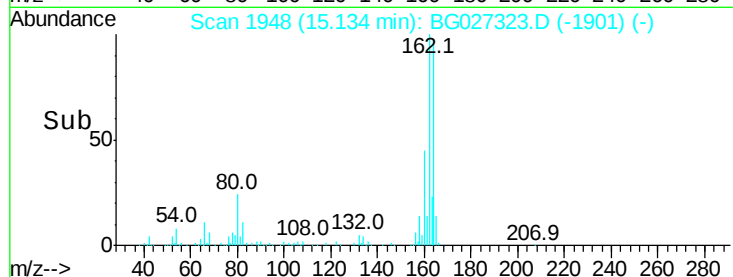
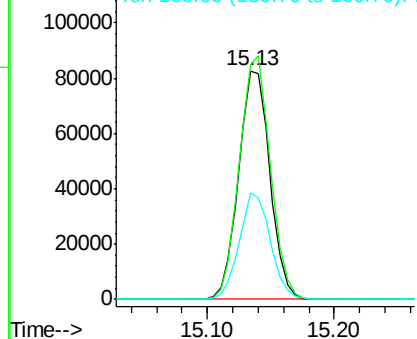
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.13 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BG027323.D
Acq: 8 Jun 2017 19:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:164 Resp: 140939
Ion Ratio Lower Upper
164 100
162 102.7 85.1 127.7
160 46.5 34.7 52.1

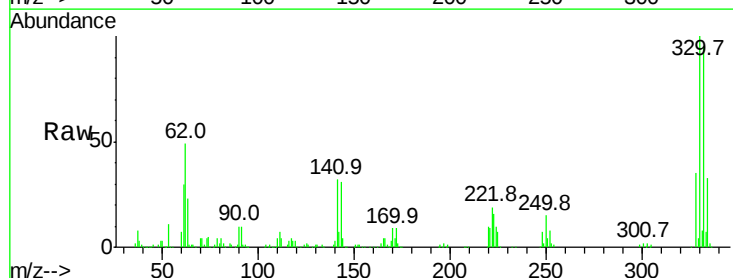


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

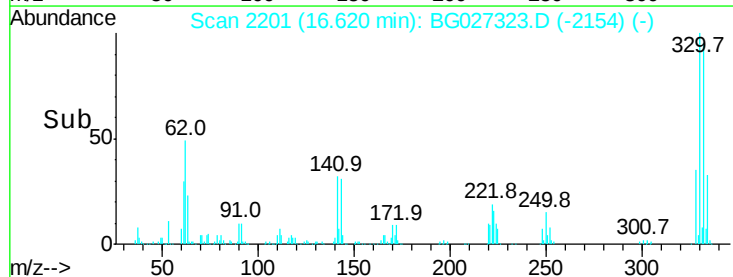
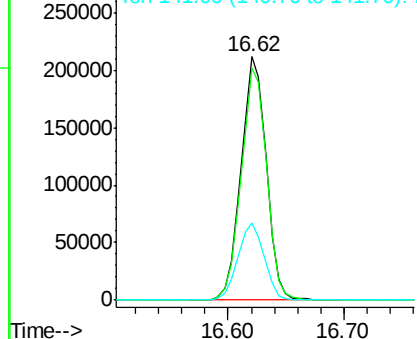


#41
2,4,6-Tribromophenol
Concen: 172.21 ng
RT: 16.62 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG027323.D
Acq: 8 Jun 2017 19:00

Tgt Ion:330 Resp: 319616
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 33.0 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

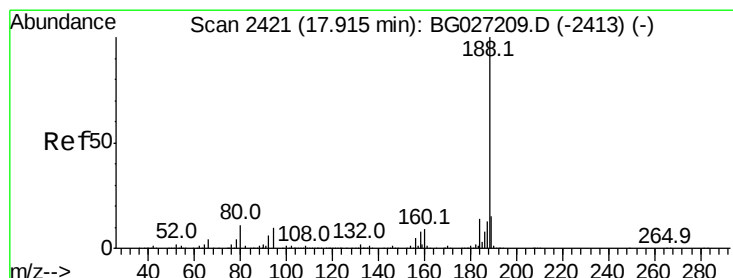
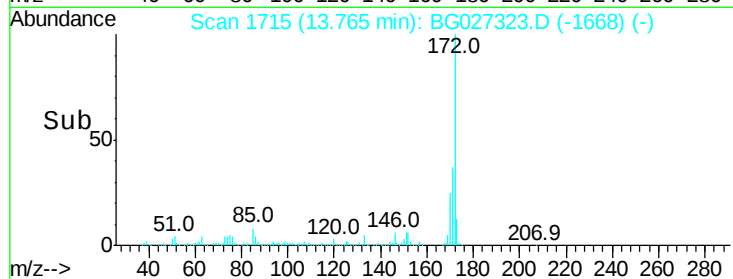
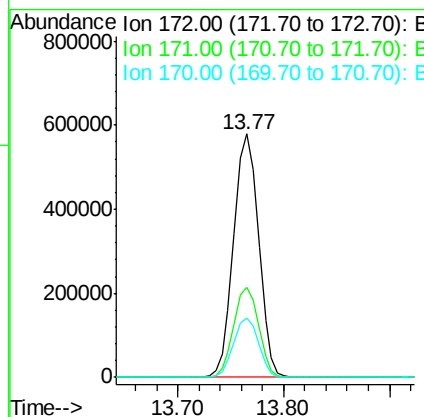
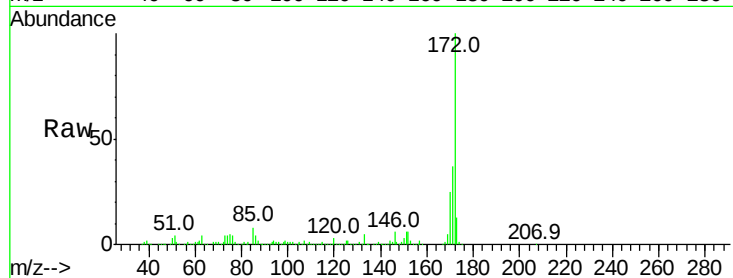




#44
2-Fluorobiphenyl
Concen: 93.85 ng
RT: 13.77 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027323.D
Acq: 8 Jun 2017 19:00

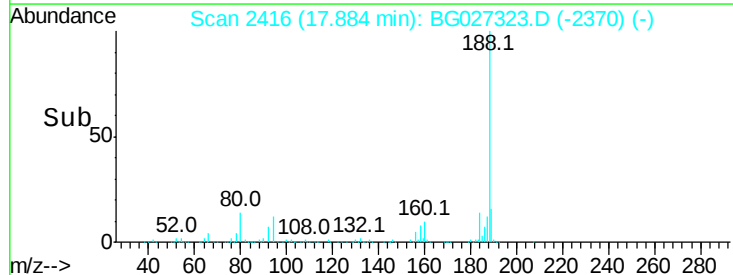
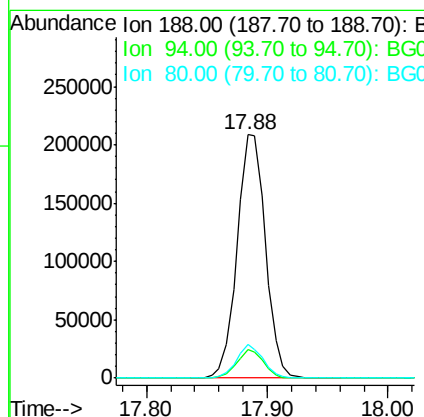
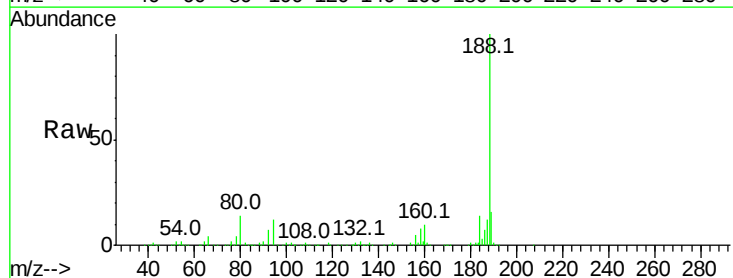
Instrument :
BNA_G
ClientSampleId :

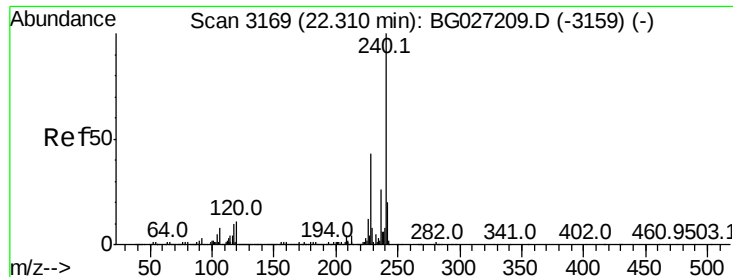
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.6	21.8	32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027323.D
Acq: 8 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	5.8	8.8#
80	13.8	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: BG027323.D

Acq: 8 Jun 2017 19:00

Instrument :

BNA_G

ClientSampleId :

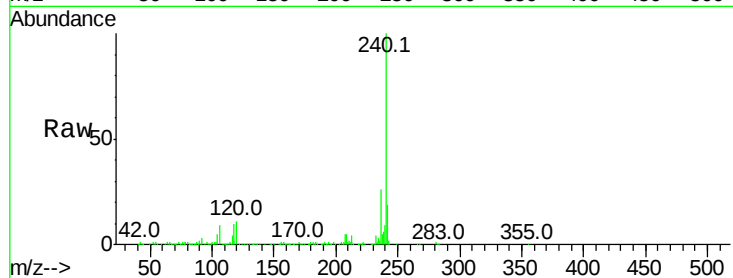
Tot Ion:240 Resp: 385412

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

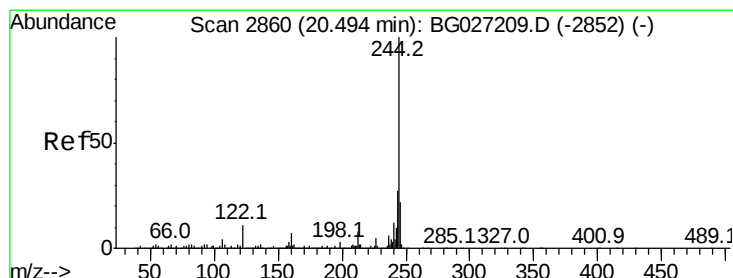
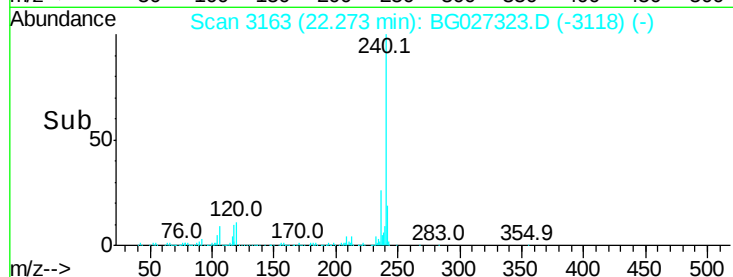
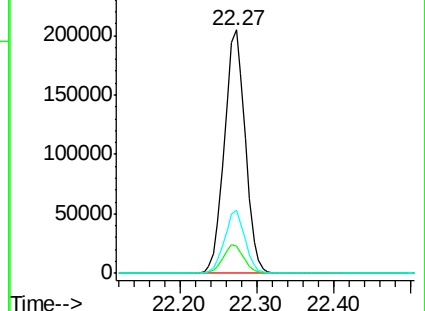
236 26.0 22.2 33.4



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: 104.22 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027323.D

Acq: 8 Jun 2017 19:00

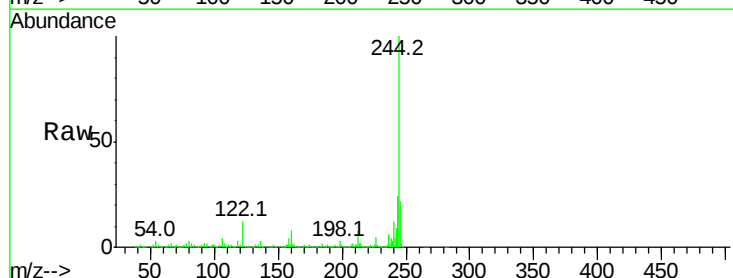
Tgt Ion:244 Resp: 1574524

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

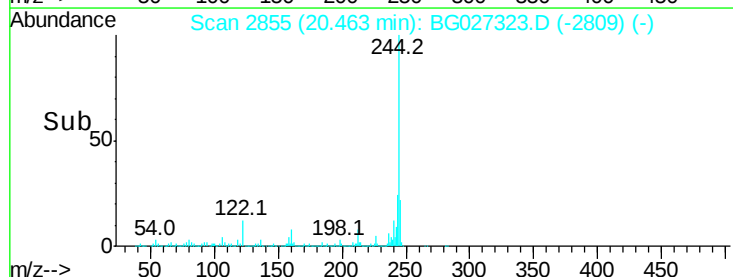
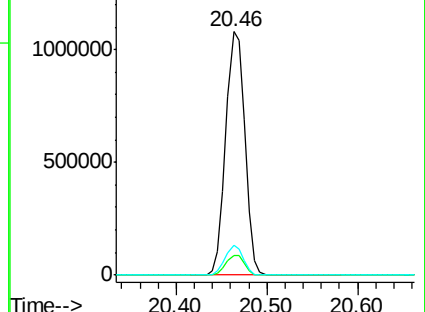
122 12.3 8.6 12.8

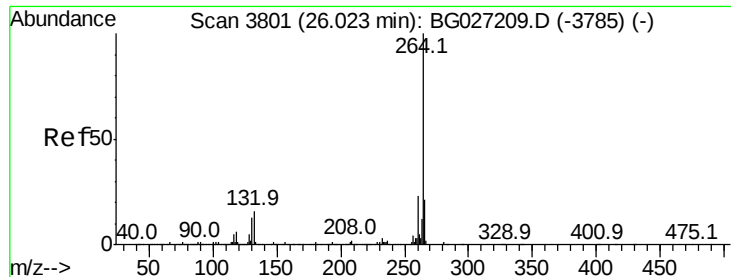


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

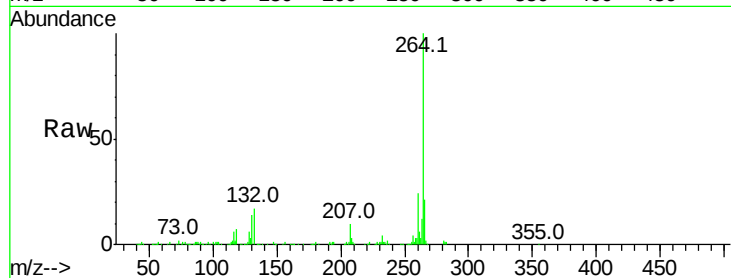




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.96 min Scan# 3790
Delta R.T. -0.07 min
Lab File: BG027323.D
Acq: 8 Jun 2017 19:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.3	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

