

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027249.D
 Acq On : 6 Jun 2017 14:55
 Operator : SJ/MA
 Sample : I3437-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 18:08:37 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

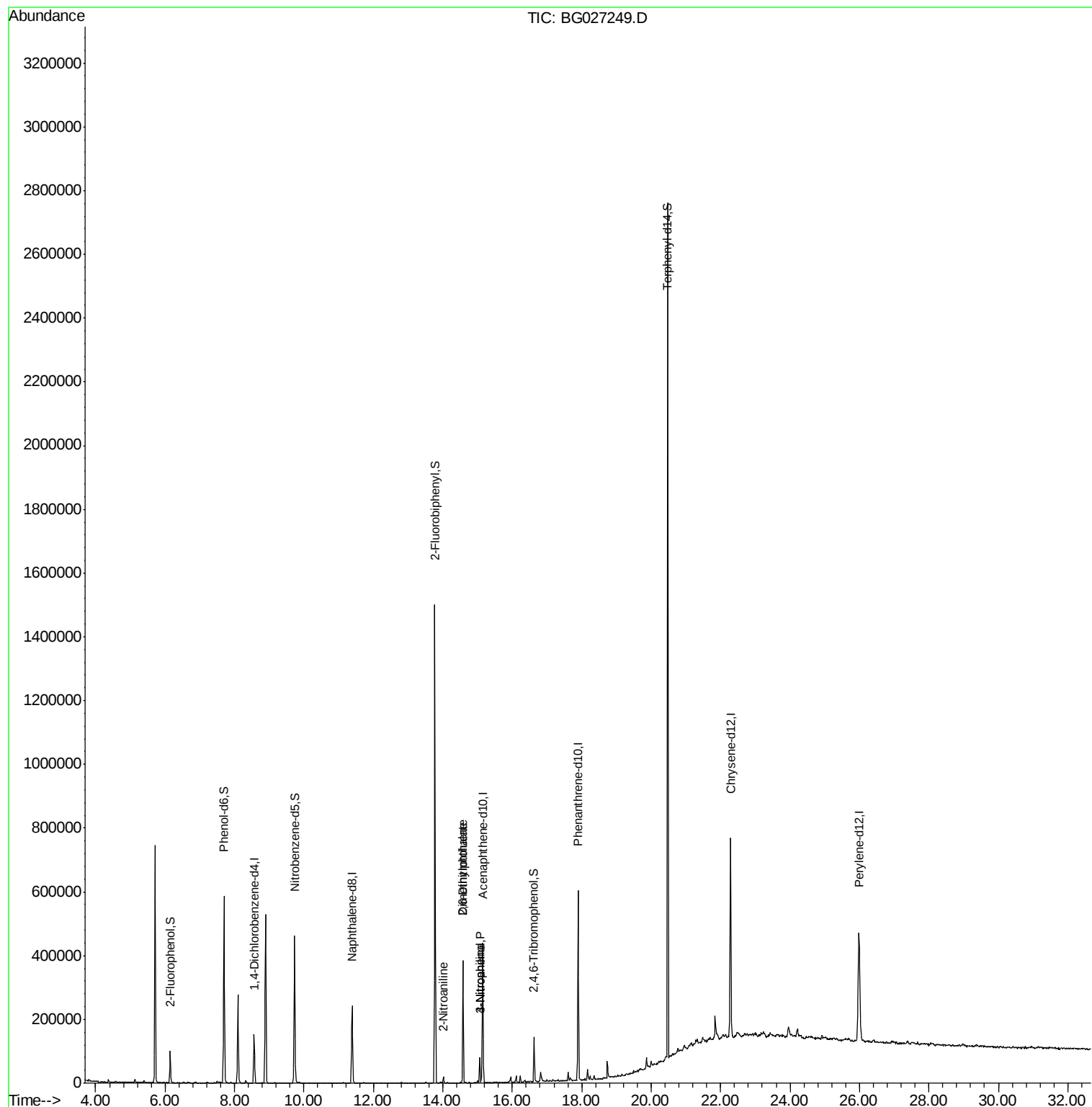
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	45746	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	223280	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	157410	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	392922	20.00	ng	-0.02
75) Chrysene-d12	22.29	240	437398	20.00	ng	-0.02
86) Perylene-d12	25.98	264	421592	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	48173	16.07	ng	-0.01
7) Phenol-d6	7.70	99	394328	89.61	ng	0.00
23) Nitrobenzene-d5	9.73	82	306995	86.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	24375	11.76	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	804030	71.46	ng	-0.02
78) Terphenyl-d14	20.48	244	1219838	71.14	ng	-0.02
Target Compounds						
47) 2-Nitroaniline	14.02	65	347	6.94	ng	# 16
49) Dimethylphthalate	14.58	163	270237	21.64	ng	96
50) 2,6-Dinitrotoluene	14.58	165	2678	6.55	ng	# 20
52) 3-Nitroaniline	15.06	138	189	5.78	ng	# 1
55) 4-Nitrophenol	15.07	139	4291	7.80	ng	# 1

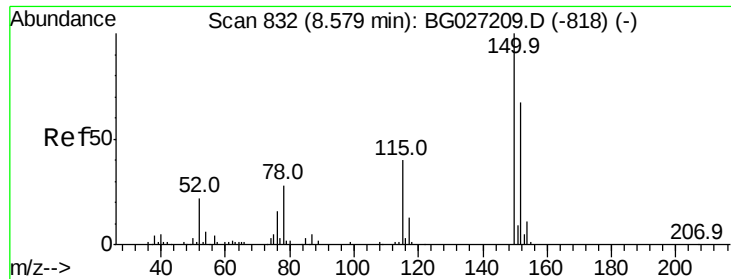
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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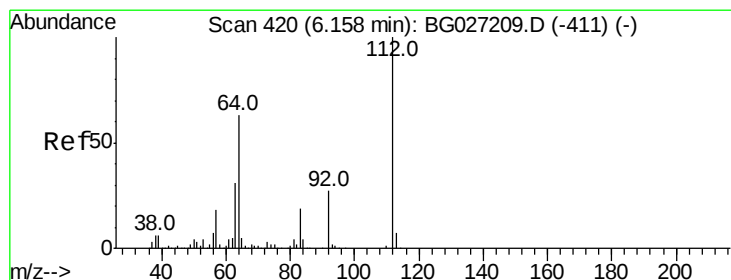
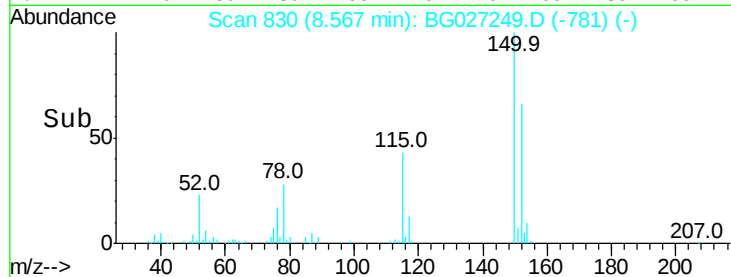
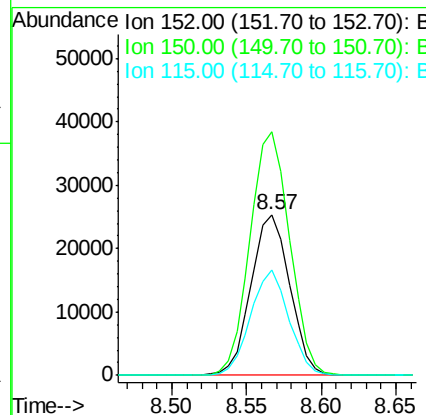
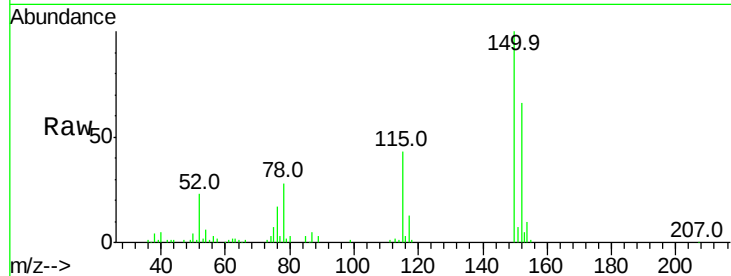


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027249.D
Acq: 6 Jun 2017 14:55

Instrument :
BNA_G
ClientSampled :

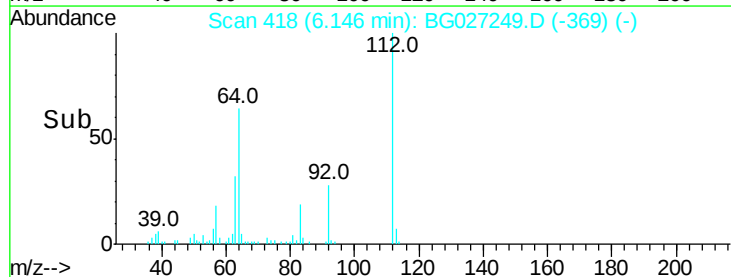
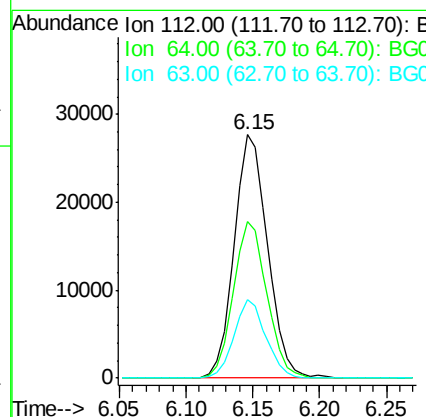
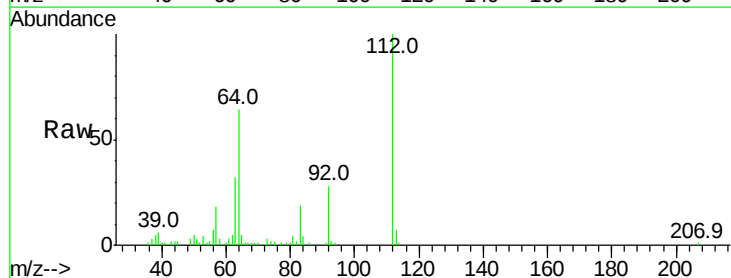
Tot Ion:152 Resp: 45746
Ion Ratio Lower Upper
152 100
150 151.7 114.0 171.0
115 65.6 48.1 72.1



#5

2-Fluorophenol
Concen: 16.07 ng
RT: 6.15 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027249.D
Acq: 6 Jun 2017 14:55

Tgt Ion:112 Resp: 48173
Ion Ratio Lower Upper
112 100
64 64.3 61.8 92.6
63 32.3 37.2 55.8#





#7

Phenol-d6

Concen: 89.61 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027249.D

Acq: 6 Jun 2017 14:55

Instrument :

BNA_G

ClientSampled :

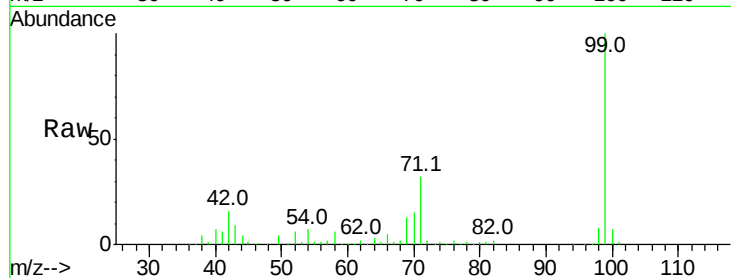
Tot Ion: 99 Resp: 394328

Ion Ratio Lower Upper

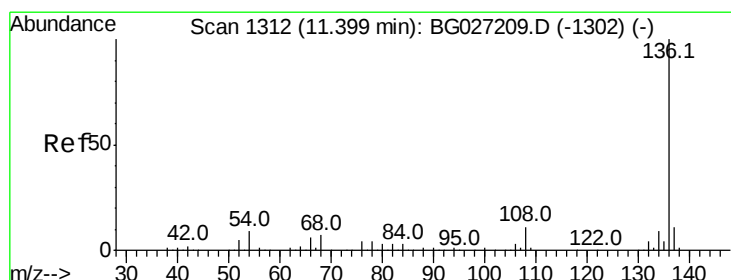
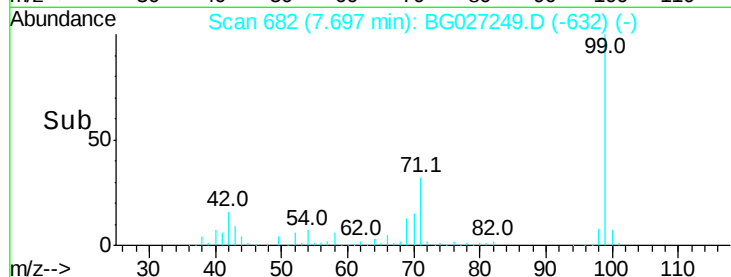
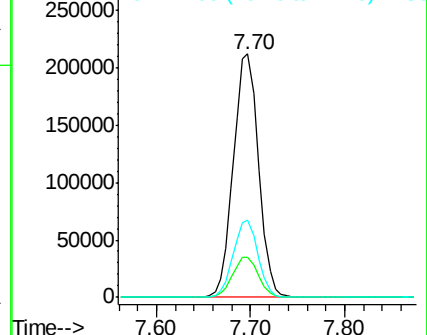
99 100

42 16.4 20.5 30.7#

71 31.7 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: 11.39 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG027249.D

Acq: 6 Jun 2017 14:55

Tgt Ion: 136 Resp: 223280

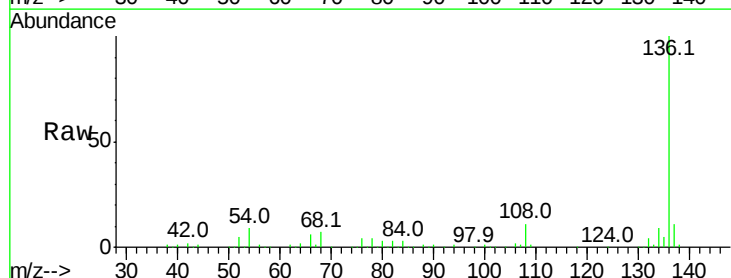
Ion Ratio Lower Upper

136 100

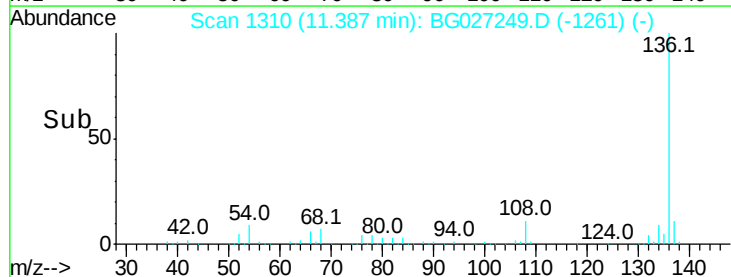
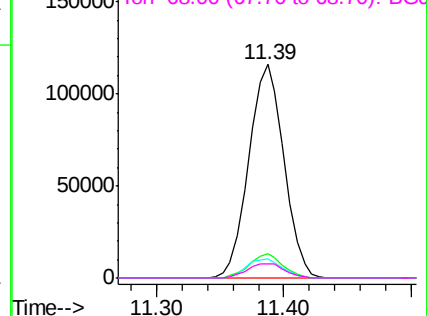
137 11.2 8.9 13.3

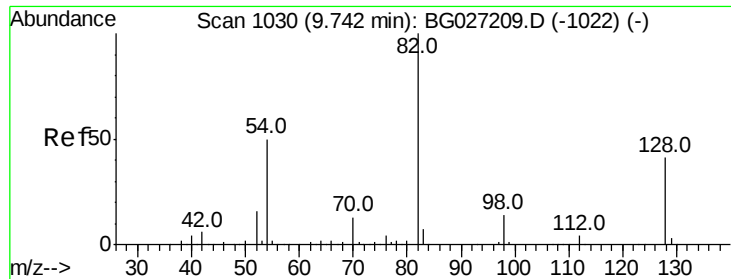
54 8.8 9.3 13.9#

68 6.8 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

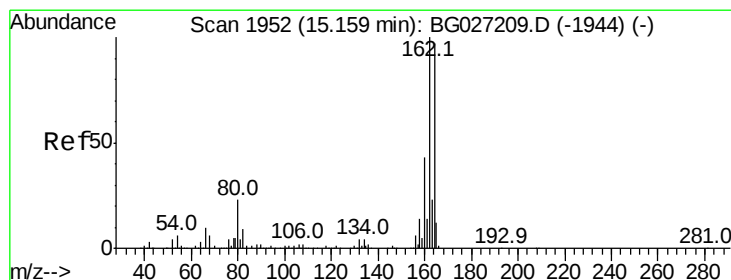
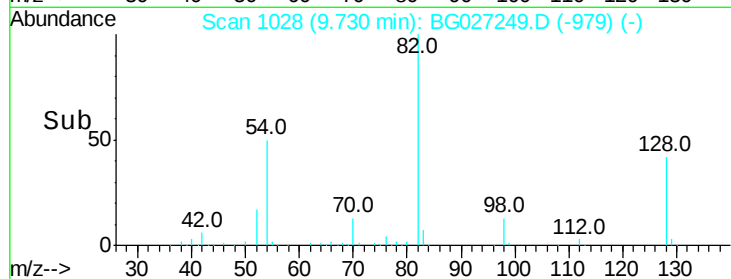
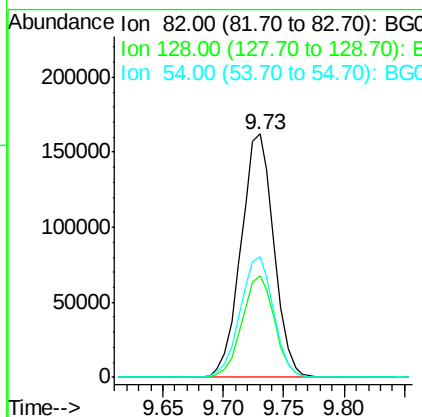
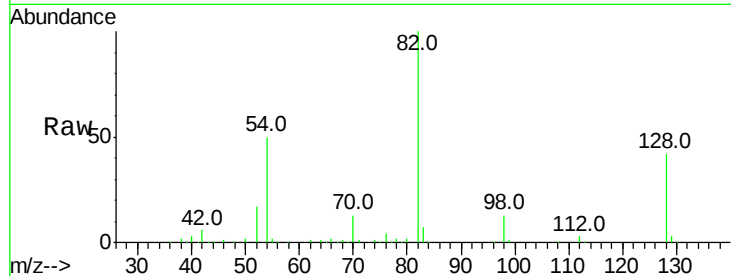




#23
 Nitrobenzene-d5
 Concen: 86.47 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027249.D
 Acq: 6 Jun 2017 14:55

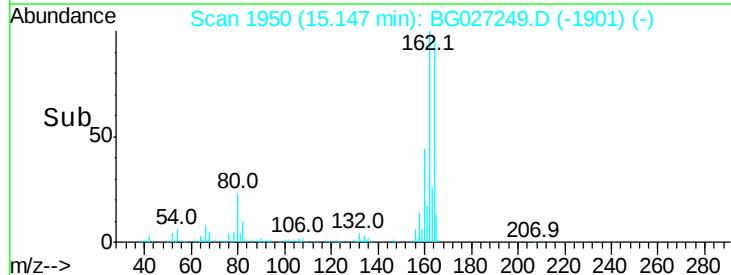
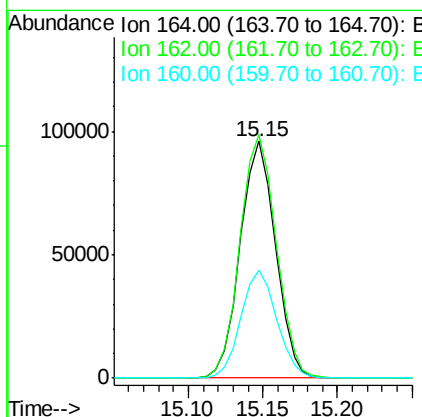
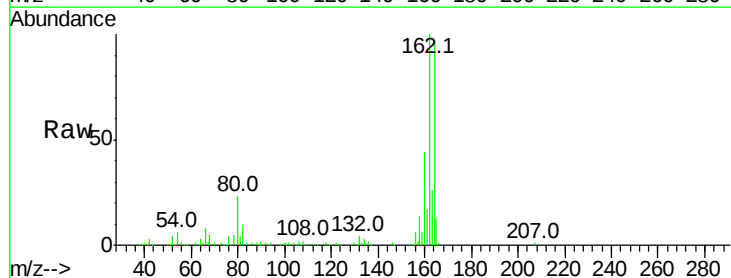
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	306995
Ion	Ratio	Lower	Upper
82	100		
128	41.9	26.4	39.6
54	49.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027249.D
 Acq: 6 Jun 2017 14:55

Tgt Ion	164	Resp	157410
Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	45.7	34.7	52.1

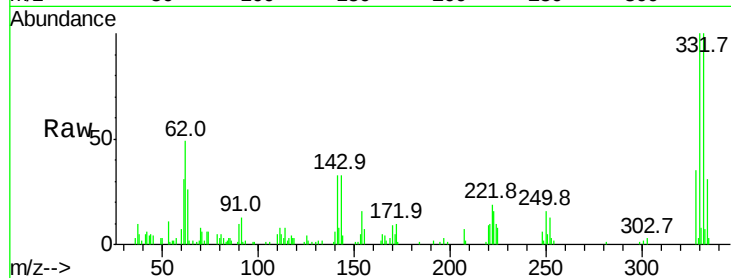




#41
 2,4,6-Tribromophenol
 Concen: 11.76 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027249.D
 Acq: 6 Jun 2017 14:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.3	115.9
141	35.8	32.1	48.1

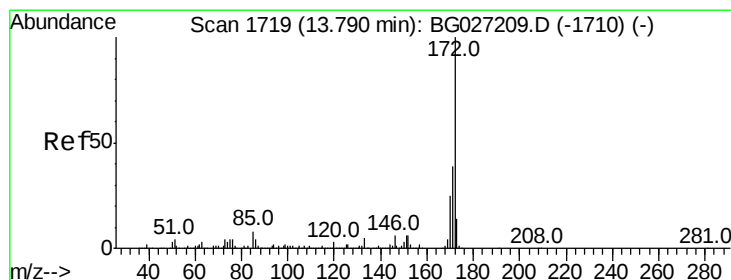
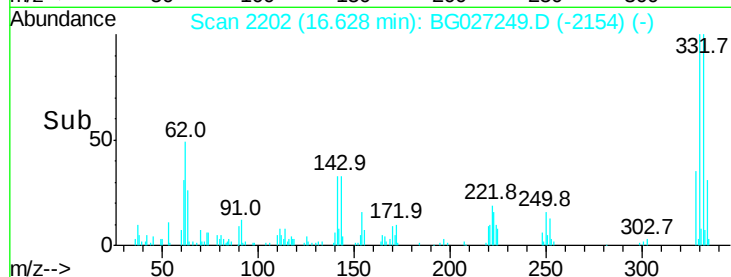
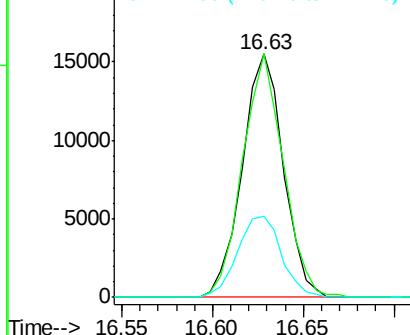


Abundance

Ion 329.80 (329.50 to 330.50): E

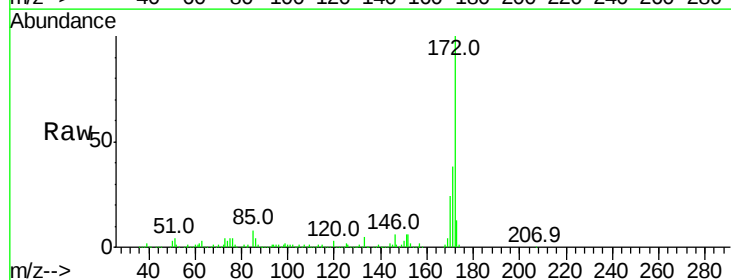
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.46 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027249.D
 Acq: 6 Jun 2017 14:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.2	21.8	32.6

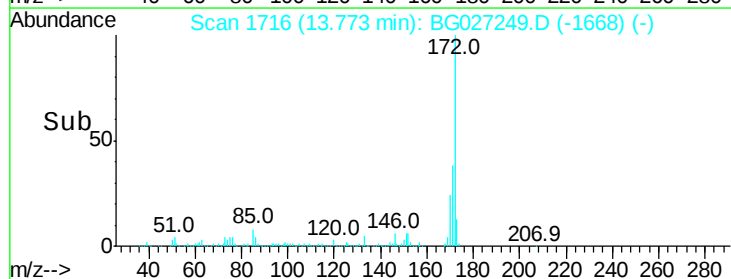
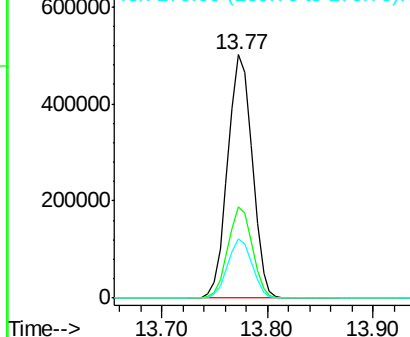


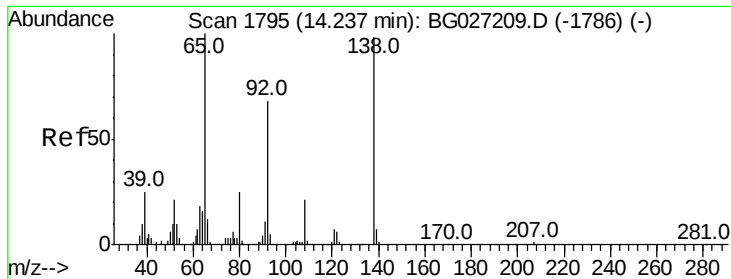
Abundance

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





#47

2-Nitroaniline

Concen: 6.94 ng

RT: 14.02 min Scan# 1758

Delta R.T. -0.22 min

Lab File: BG027249.D

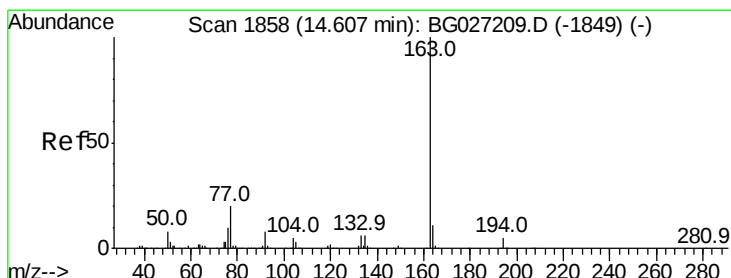
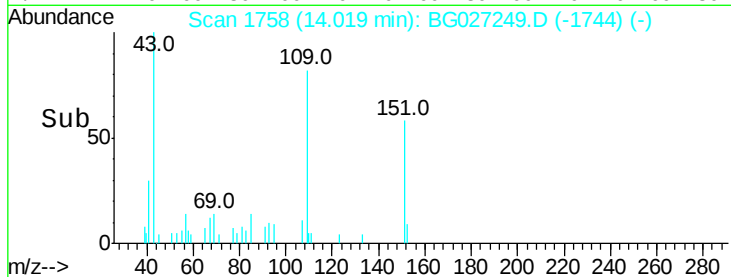
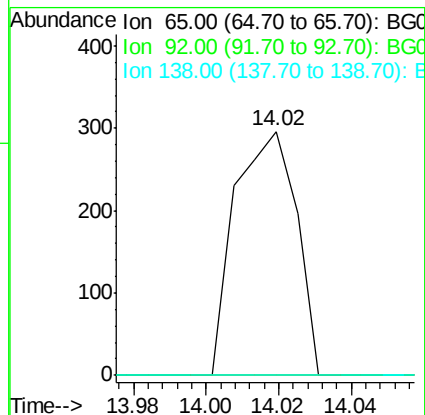
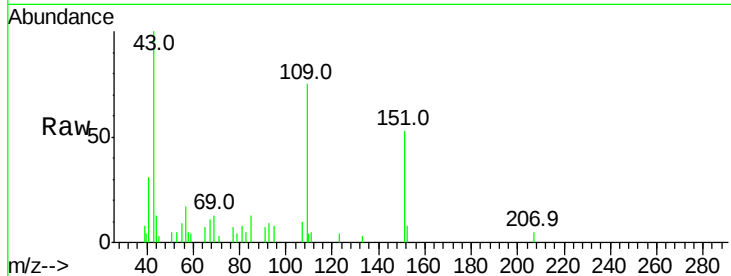
Acq: 6 Jun 2017 14:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	65	Resp:	347
Ion	Ratio	Lower	Upper
65	100		
92	0.0	49.0	73.4#
138	0.0	58.6	87.8#



#49

Dimethylphthalate

Concen: 21.64 ng

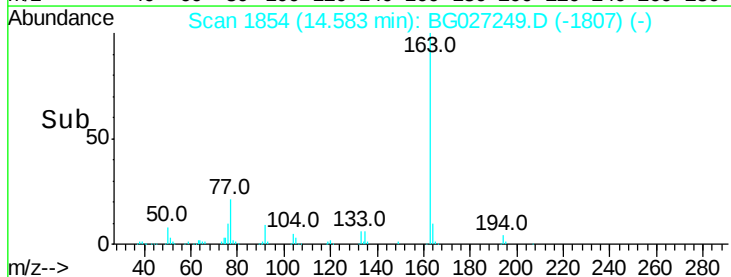
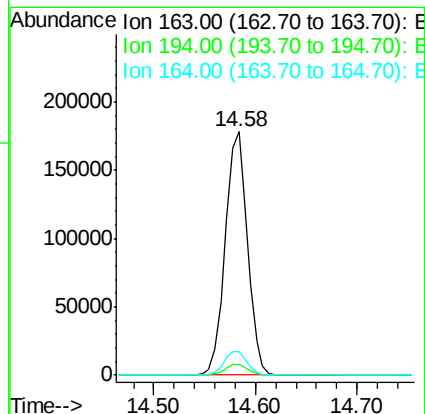
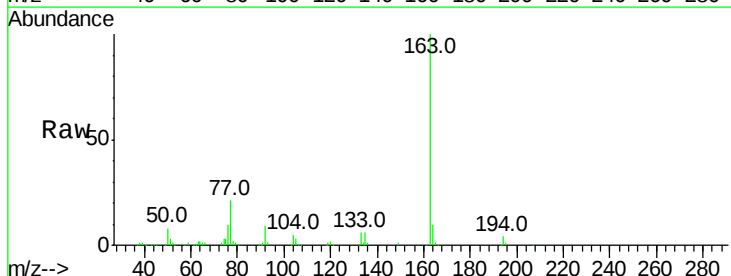
RT: 14.58 min Scan# 1854

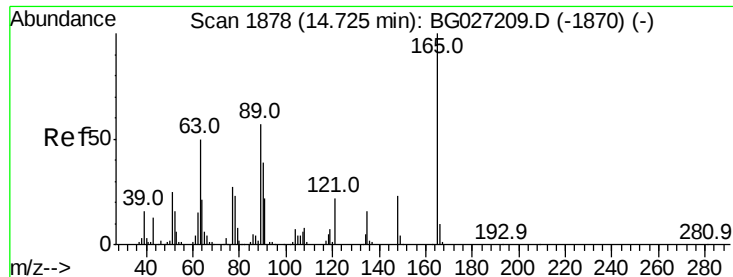
Delta R.T. -0.02 min

Lab File: BG027249.D

Acq: 6 Jun 2017 14:55

Tgt Ion:	163	Resp:	270237
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.8	5.6
164	9.9	9.3	13.9

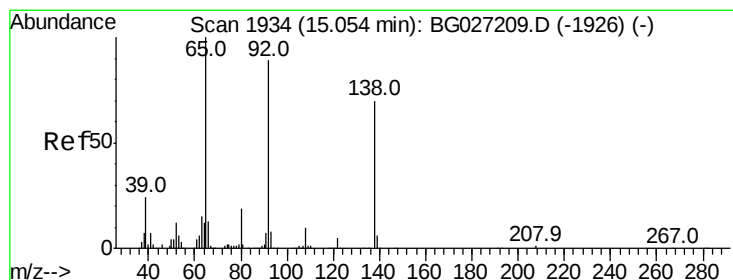
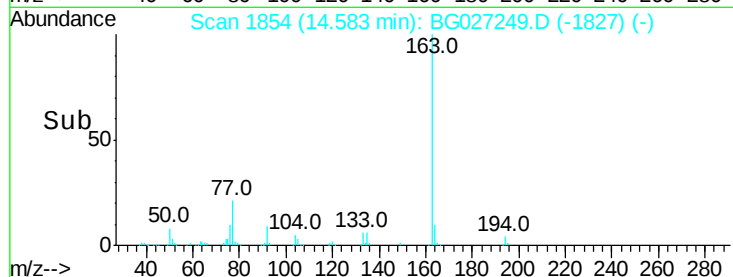
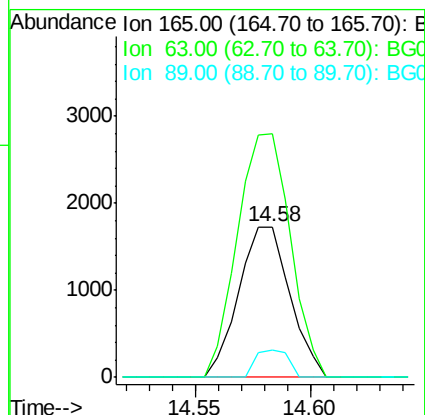
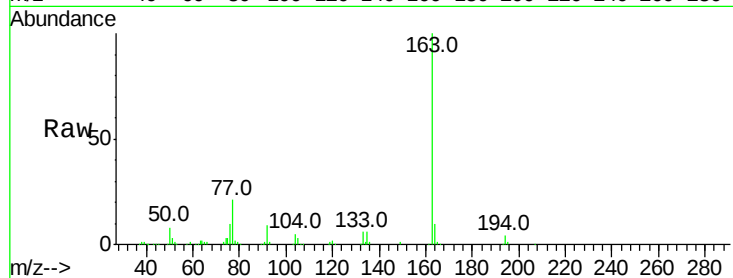




#50
 2,6-Dinitrotoluene
 Concen: 6.55 ng
 RT: 14.58 min Scan# 1854
 Delta R.T. -0.14 min
 Lab File: BG027249.D
 Acq: 6 Jun 2017 14:55

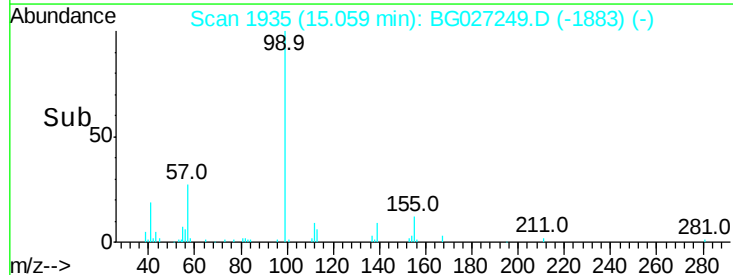
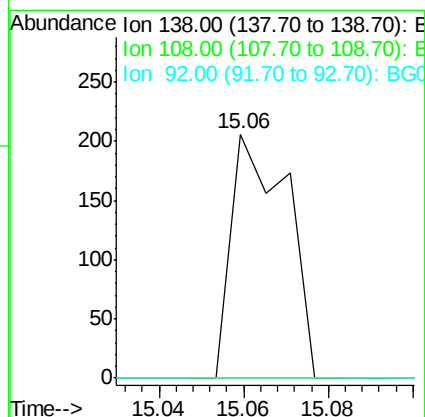
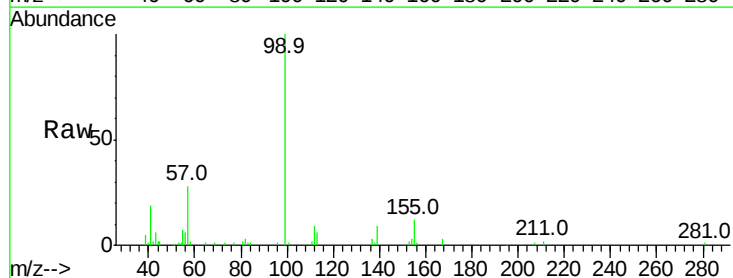
Instrument :
 BNA_G
 ClientSampleId :

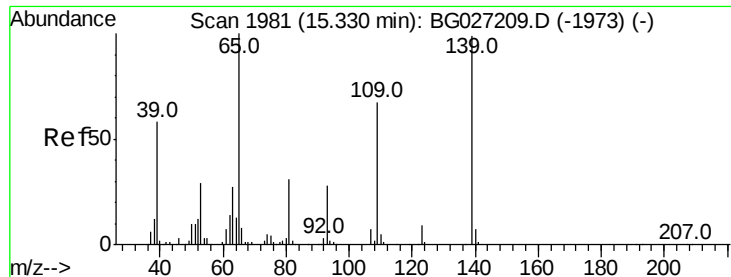
Tot Ion:165 Resp: 2678
 Ion Ratio Lower Upper
 165 100
 63 161.6 63.9 95.9#
 89 18.3 58.6 88.0#



#52
 3-Nitroaniline
 Concen: 5.78 ng
 RT: 15.06 min Scan# 1935
 Delta R.T. 0.01 min
 Lab File: BG027249.D
 Acq: 6 Jun 2017 14:55

Tgt Ion:138 Resp: 189
 Ion Ratio Lower Upper
 138 100
 108 0.0 10.9 16.3#
 92 0.0 115.3 172.9#





#55

4-Nitrophenol

Concen: 7.80 ng

RT: 15.07 min Scan# 1936

Delta R.T. -0.26 min

Lab File: BG027249.D

Acq: 6 Jun 2017 14:55

Instrument :

BNA_G

ClientSampleId :

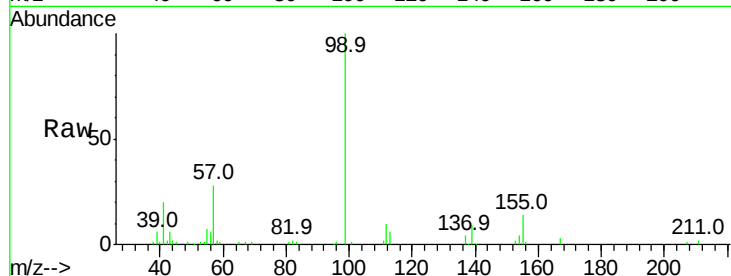
Tot Ion:139 Resp: 4291

Ion Ratio Lower Upper

139 100

109 0.0 101.2 141.2#

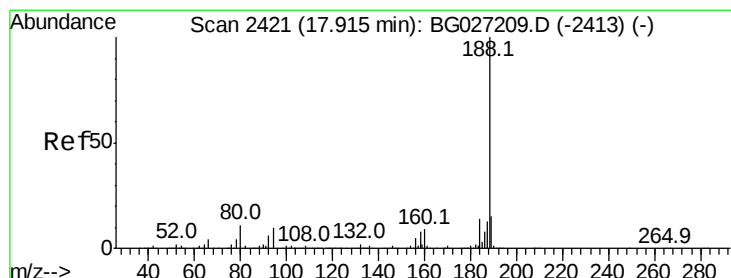
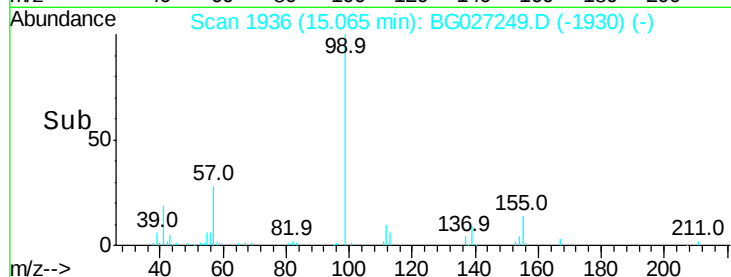
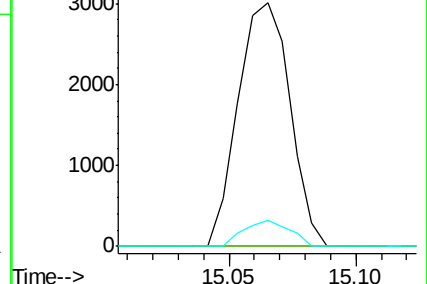
65 10.8 135.3 175.3#



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: BG027249.D

Acq: 6 Jun 2017 14:55

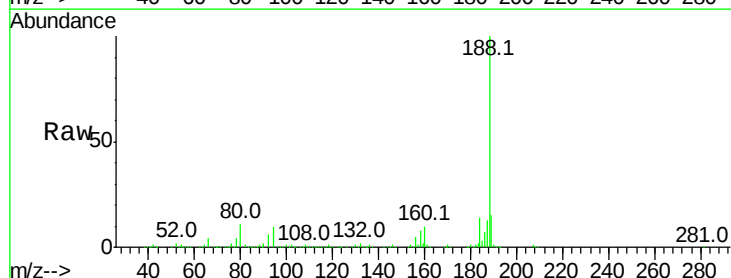
Tgt Ion:188 Resp: 392922

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.8#

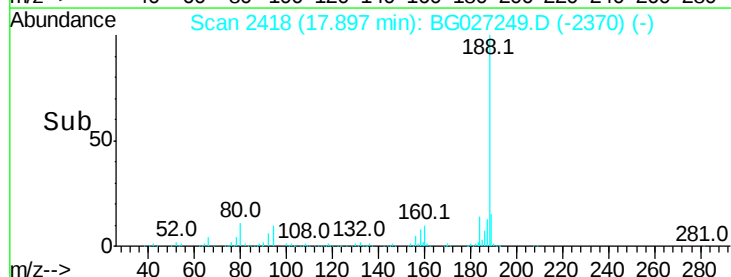
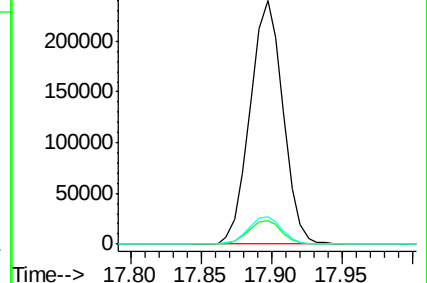
80 11.0 7.5 11.3

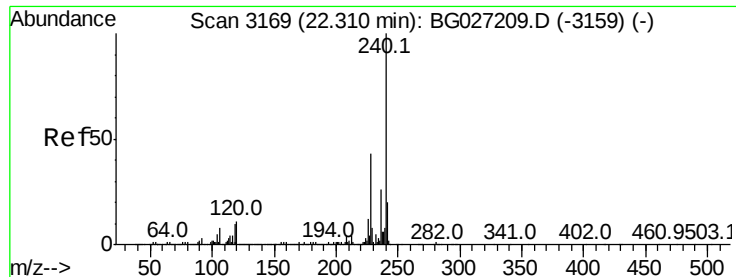


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.29 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG027249.D

Acq: 6 Jun 2017 14:55

Instrument :

BNA_G

ClientSampleId :

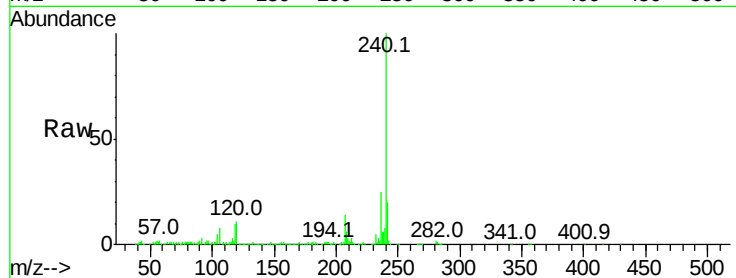
Tot Ion:240 Resp: 437398

Ion Ratio Lower Upper

240 100

120 10.7 5.7 8.5#

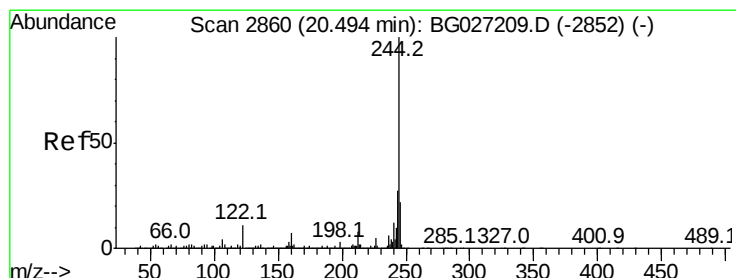
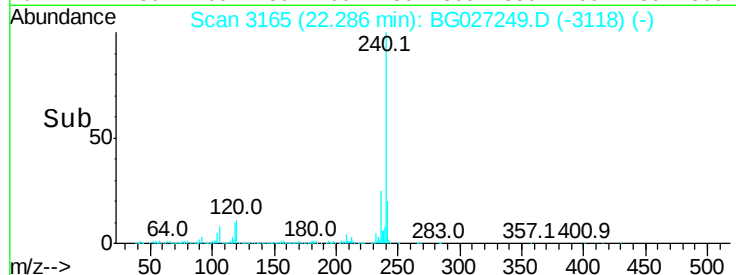
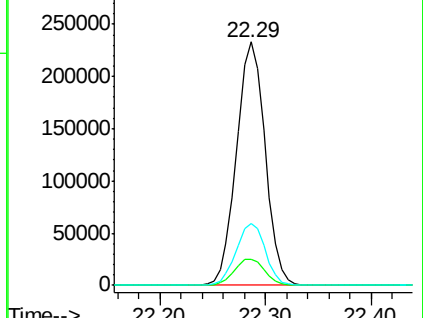
236 25.3 22.2 33.4



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: 71.14 ng

RT: 20.48 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027249.D

Acq: 6 Jun 2017 14:55

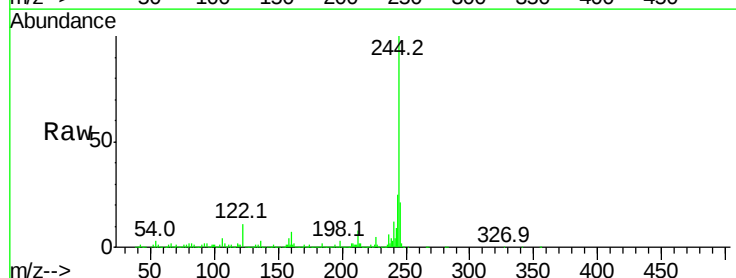
Tgt Ion:244 Resp: 1219838

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

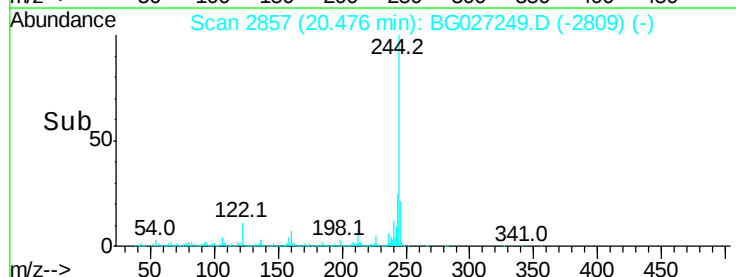
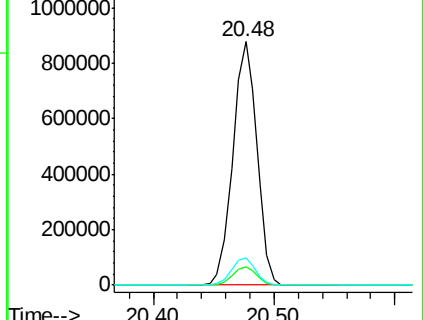
122 11.0 8.6 12.8

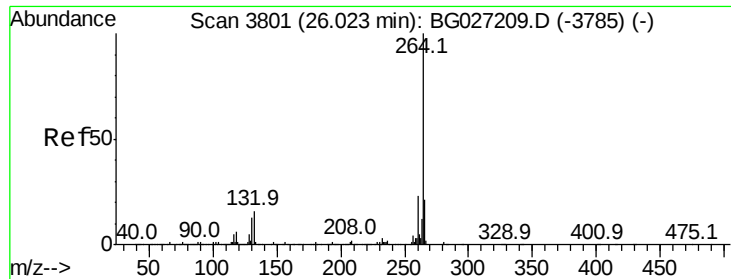


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

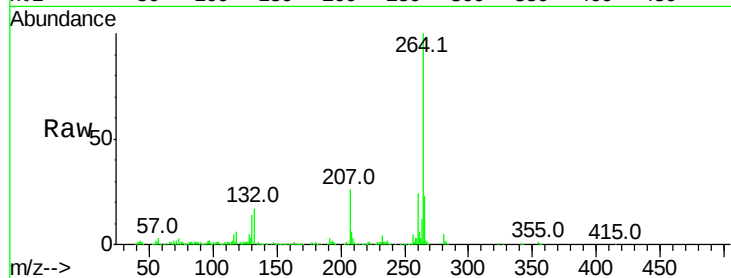




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.98 min Scan# 3794
Delta R.T. -0.04 min
Lab File: BG027249.D
Acq: 6 Jun 2017 14:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	22.6	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

