

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
 Data File : BG027310.D
 Acq On : 8 Jun 2017 9:19
 Operator : SJ/MA
 Sample : I3500-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 10:57:02 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

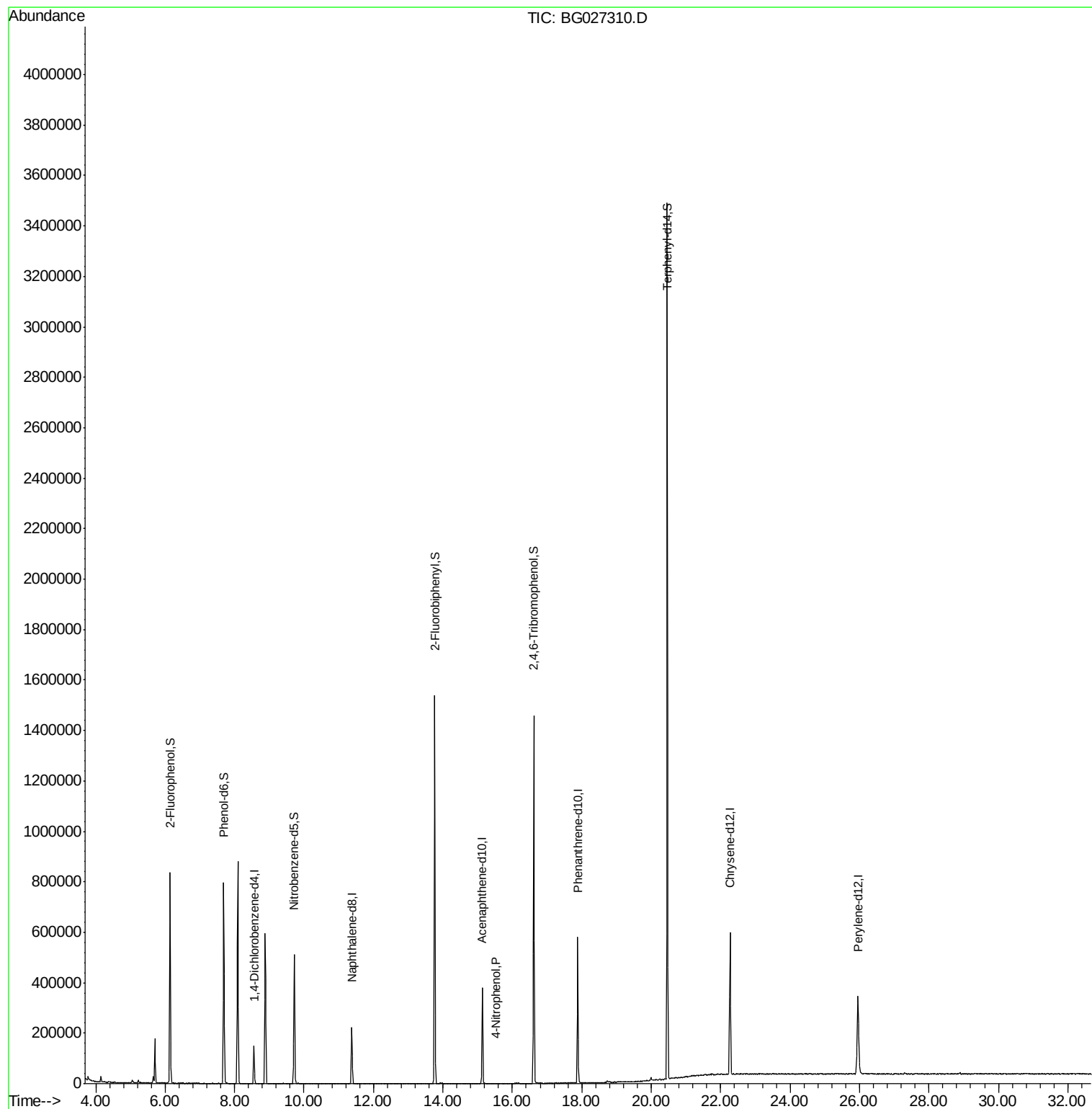
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	43959	20.00	ng	-0.02
21) Naphthalene-d8	11.37	136	202792	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	134969	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	361073	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	407175	20.00	ng	-0.04
86) Perylene-d12	25.95	264	374487	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	394332	136.89	ng	-0.02
7) Phenol-d6	7.69	99	519879	122.94	ng	-0.01
23) Nitrobenzene-d5	9.72	82	345522	107.15	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	295547	166.29	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	846633	87.75	ng	-0.03
78) Terphenyl-d14	20.46	244	1528764	95.78	ng	-0.03
Target Compounds						
55) 4-Nitrophenol	15.53	139	54	6.15	ng	Qvalue # 1

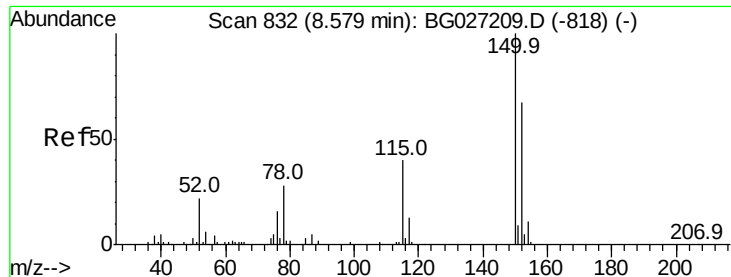
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027310.D

Acq: 8 Jun 2017 9:19

Instrument :

BNA_G

ClientSampled :

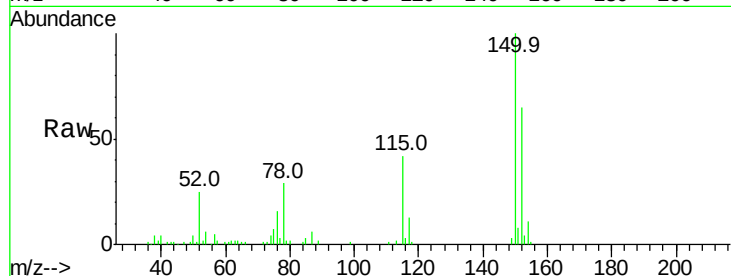
Tot Ion:152 Resp: 43959

Ion Ratio Lower Upper

152 100

150 153.8 114.0 171.0

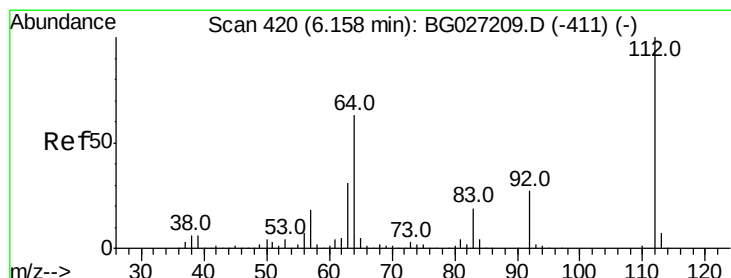
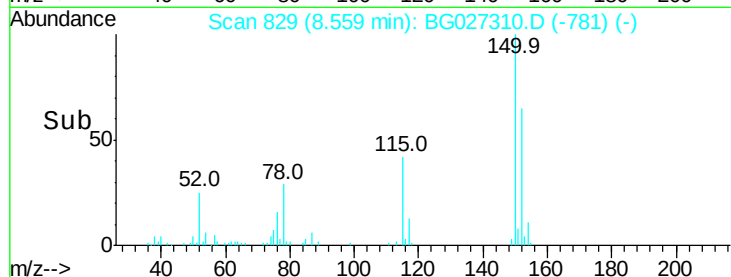
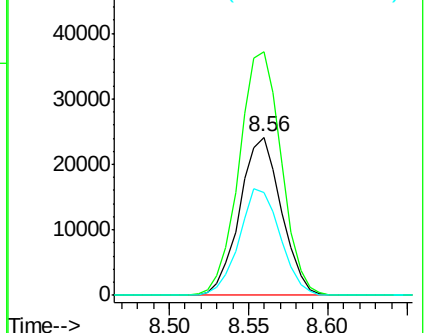
115 65.3 48.1 72.1



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: 136.89 ng

RT: 6.14 min Scan# 417

Delta R.T. -0.02 min

Lab File: BG027310.D

Acq: 8 Jun 2017 9:19

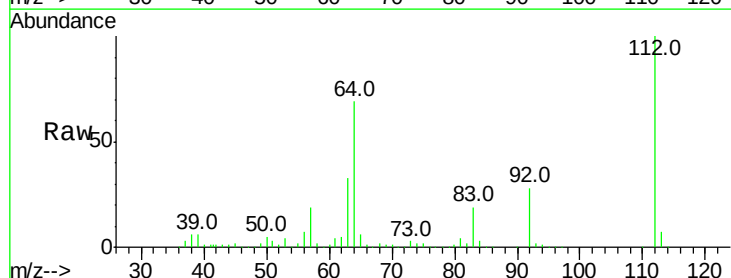
Tgt Ion:112 Resp: 394332

Ion Ratio Lower Upper

112 100

64 68.6 61.8 92.6

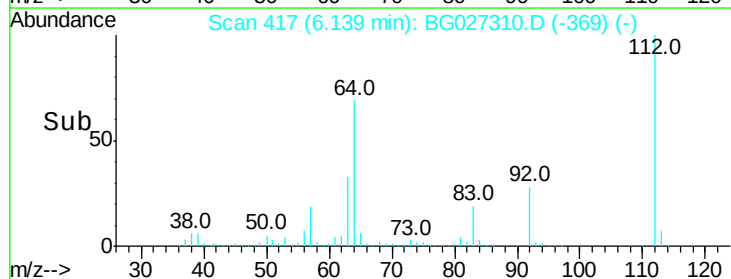
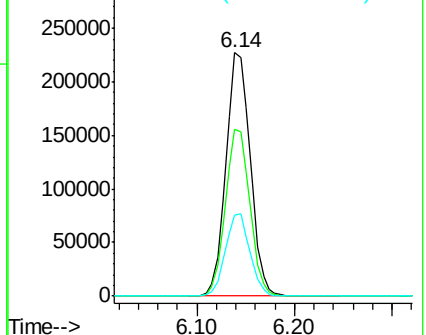
63 33.2 37.2 55.8#

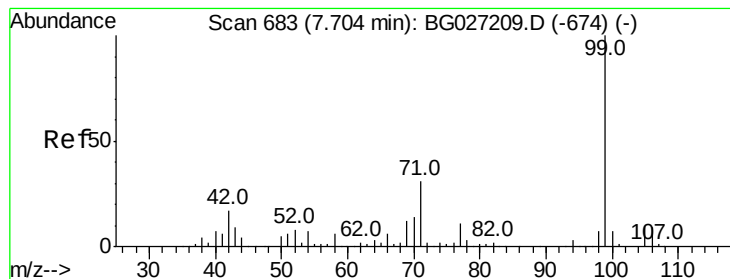


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.94 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027310.D

Acq: 8 Jun 2017 9:19

Instrument :

BNA_G

ClientSampled :

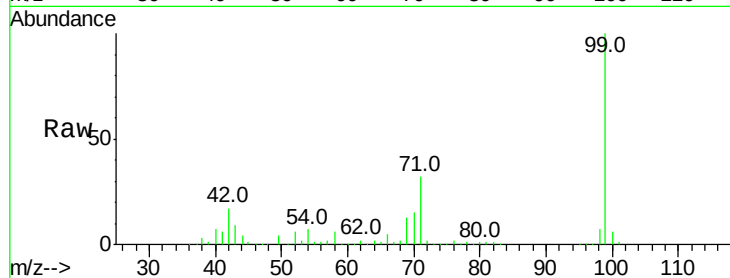
Tot Ion: 99 Resp: 519879

Ion Ratio Lower Upper

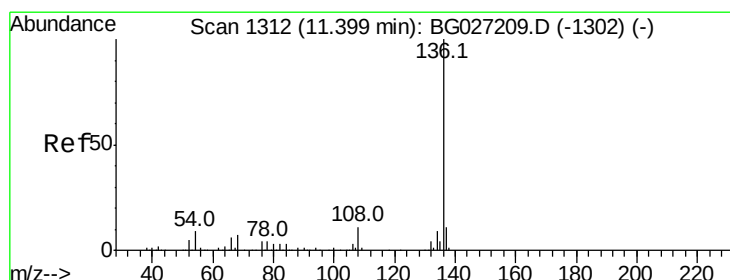
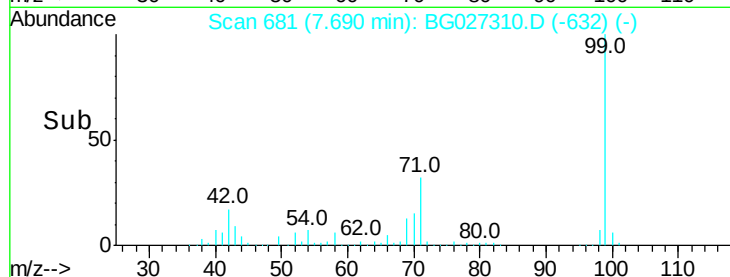
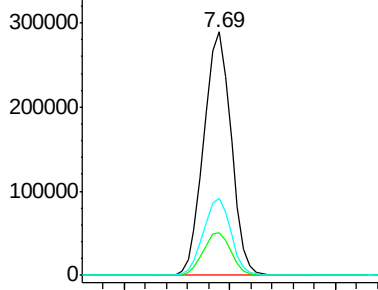
99 100

42 17.4 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027310.D

Acq: 8 Jun 2017 9:19

Tgt Ion: 136 Resp: 202792

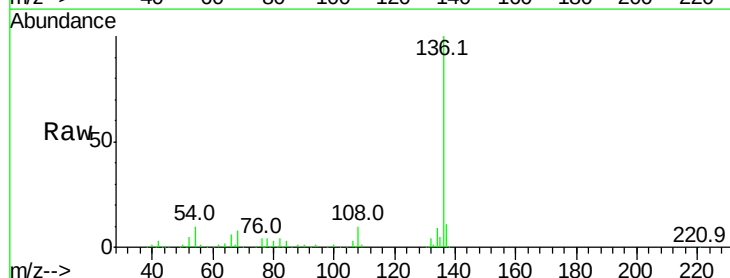
Ion Ratio Lower Upper

136 100

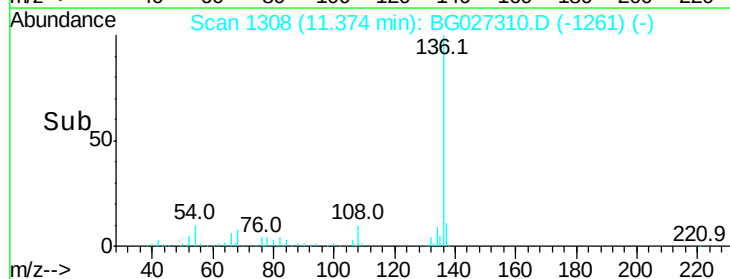
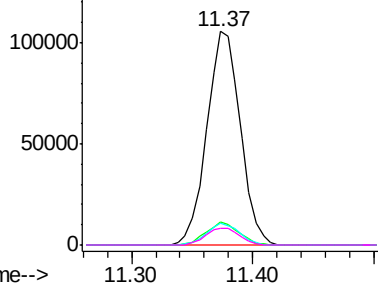
137 10.9 8.9 13.3

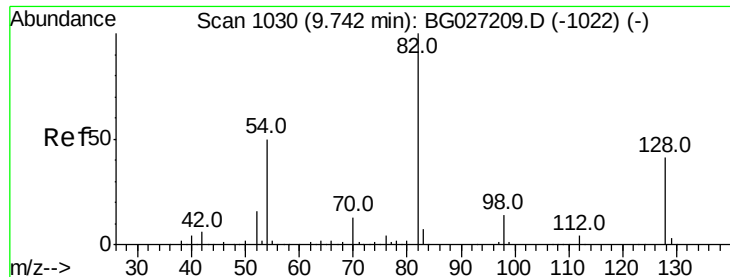
54 9.9 9.3 13.9

68 7.9 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

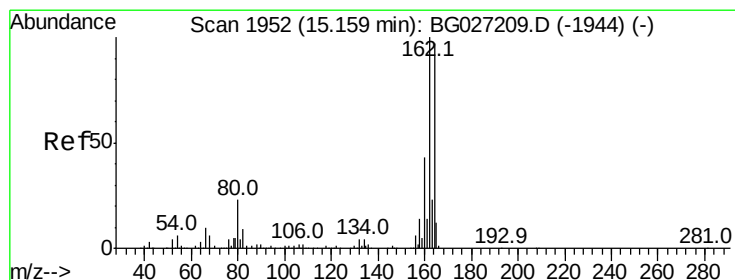
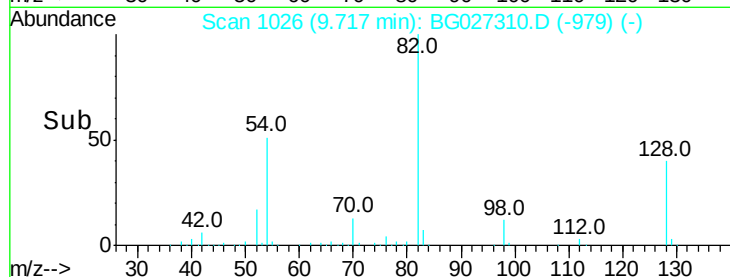
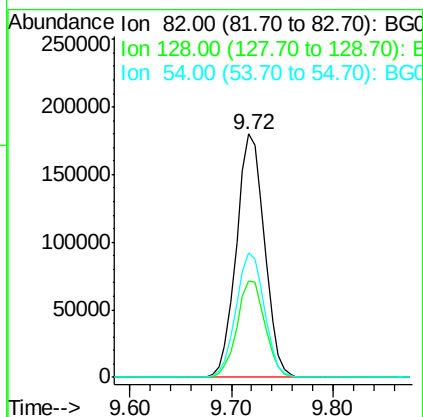
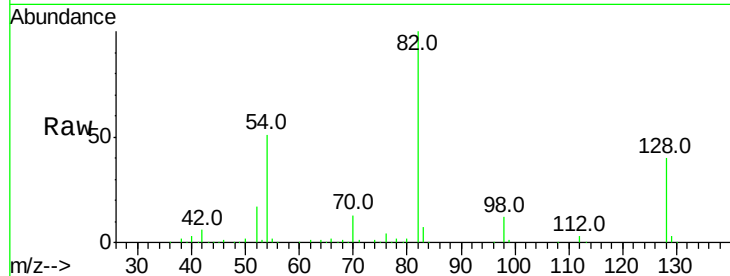




#23
 Nitrobenzene-d5
 Concen: 107.15 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027310.D
 Acq: 8 Jun 2017 9:19

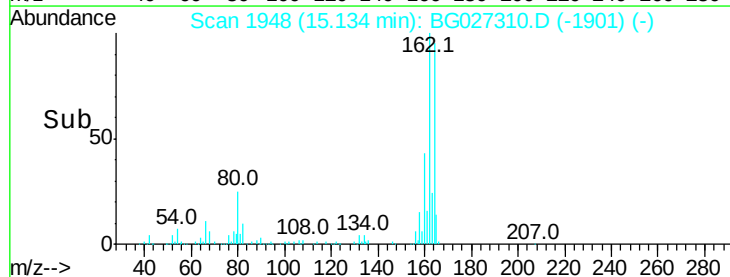
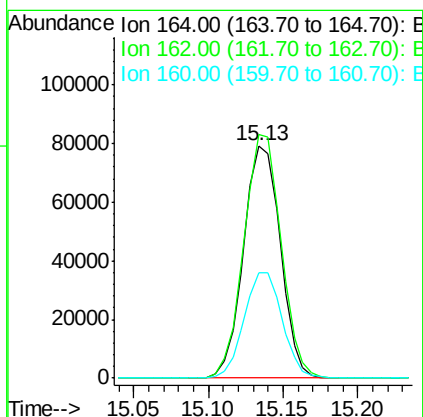
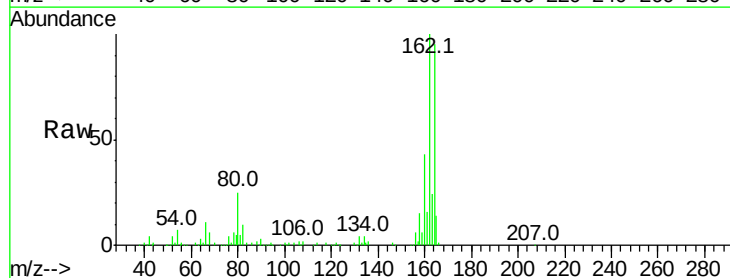
Instrument :
 BNA_G
 ClientSampleID :

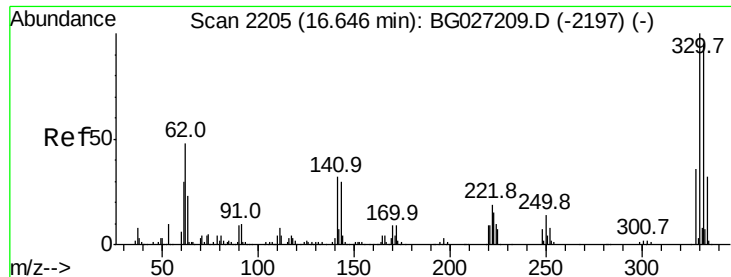
Tot Ion	82	Resp	345522
Ion	Ratio	Lower	Upper
82	100		
128	39.6	26.4	39.6
54	50.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: BG027310.D
 Acq: 8 Jun 2017 9:19

Tgt Ion	164	Resp	134969
Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.1	127.7
160	45.2	34.7	52.1

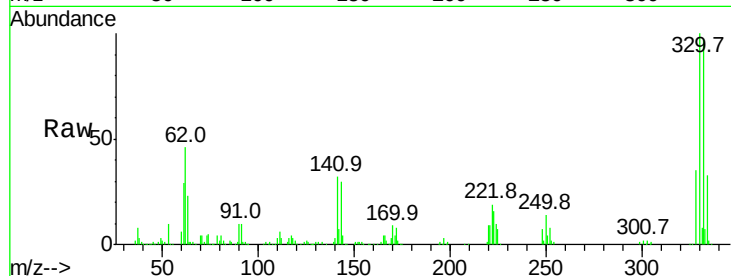




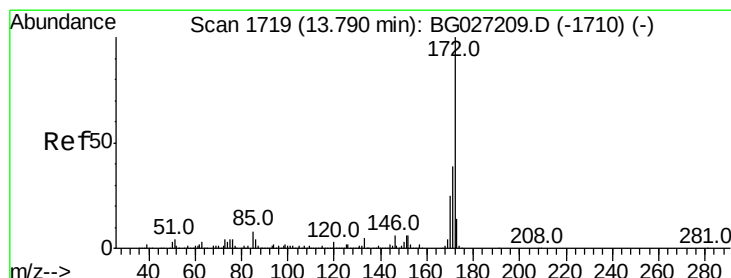
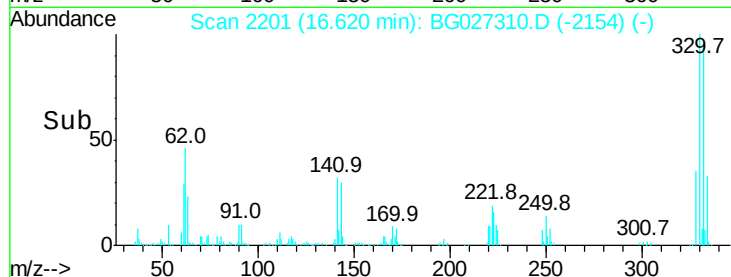
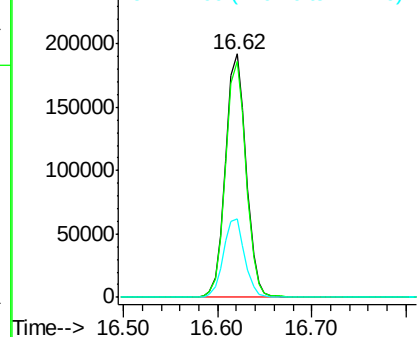
#41
 2,4,6-Tribromophenol
 Concen: 166.29 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027310.D
 Acq: 8 Jun 2017 9:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.2	32.1	48.1

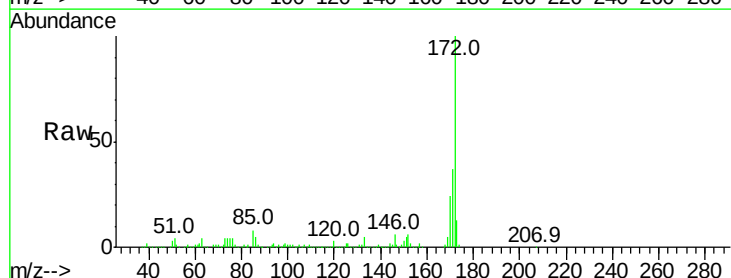


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

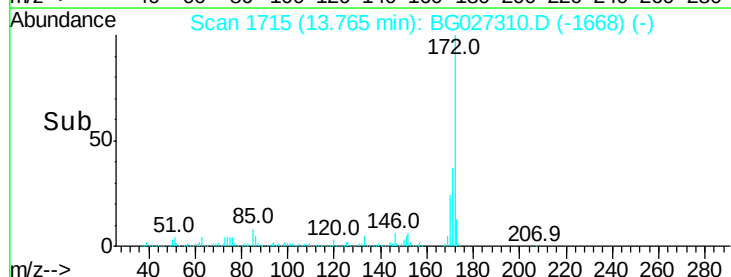
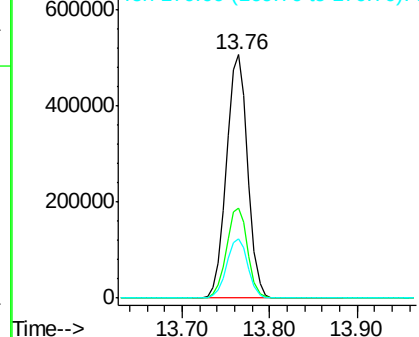


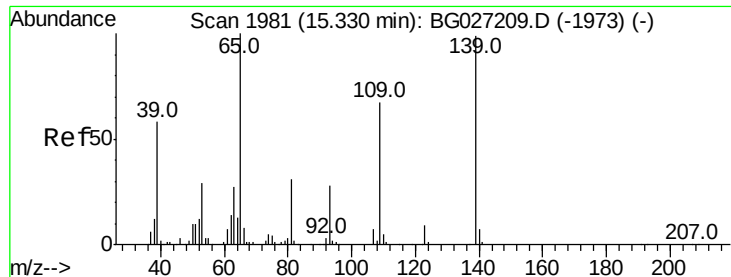
#44
 2-Fluorobiphenyl
 Concen: 87.75 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027310.D
 Acq: 8 Jun 2017 9:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	24.4	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

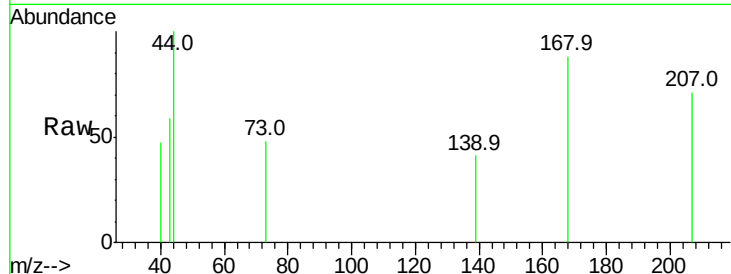




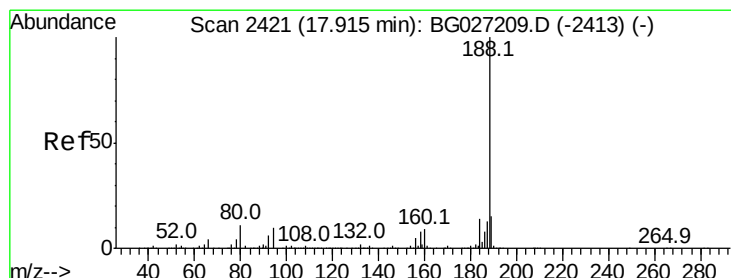
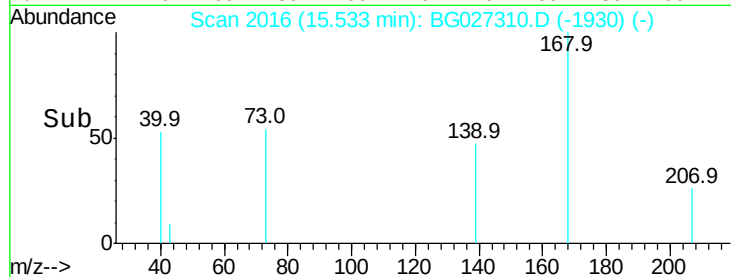
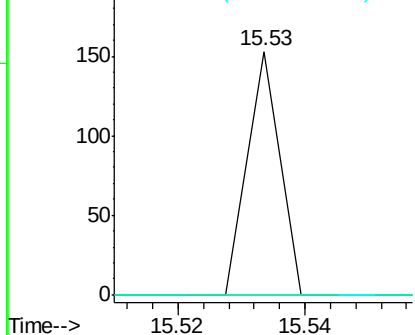
#55
4-Nitrophenol
Concen: 6.15 ng
RT: 15.53 min Scan# 2016
Delta R.T. 0.20 min
Lab File: BG027310.D
Acq: 8 Jun 2017 9:19

Instrument :
BNA_G
ClientSampled :

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#

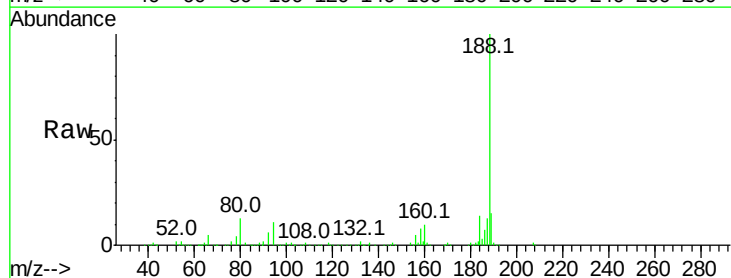


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

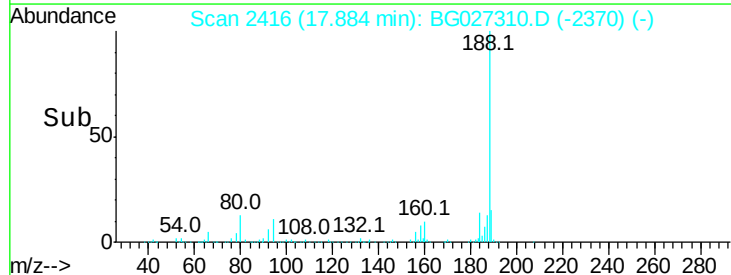
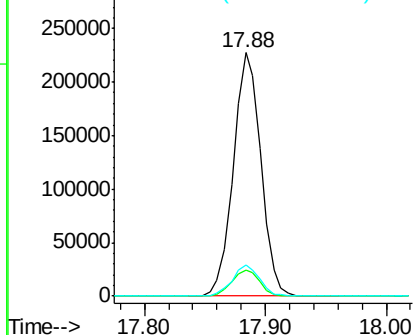


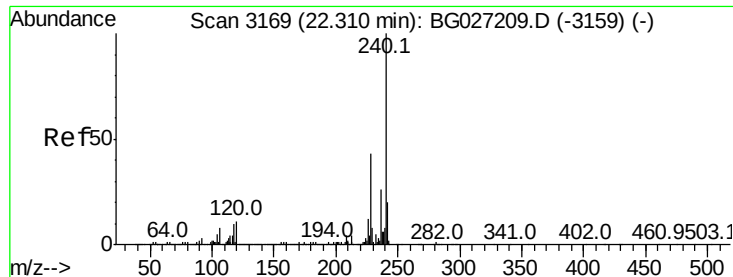
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027310.D
Acq: 8 Jun 2017 9:19

Tgt Ion:188 Resp: 361073
Ion Ratio Lower Upper
188 100
94 10.7 5.8 8.8#
80 12.7 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: 22.27 min Scan# 3162

Delta R.T. -0.04 min

Lab File: BG027310.D

Acq: 8 Jun 2017 9:19

Instrument :

BNA_G

ClientSampleId :

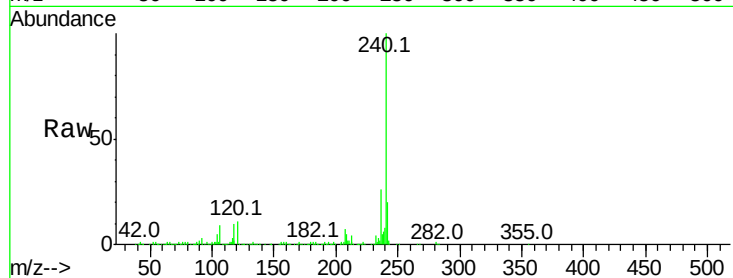
Tot Ion:240 Resp: 407175

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

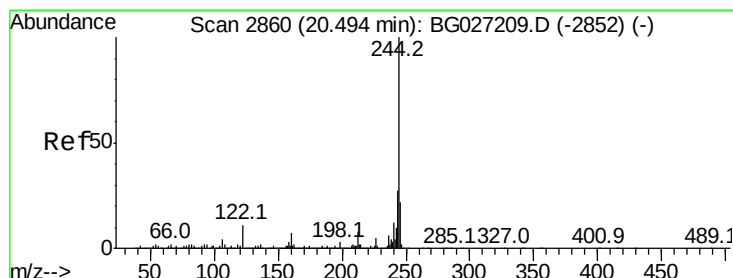
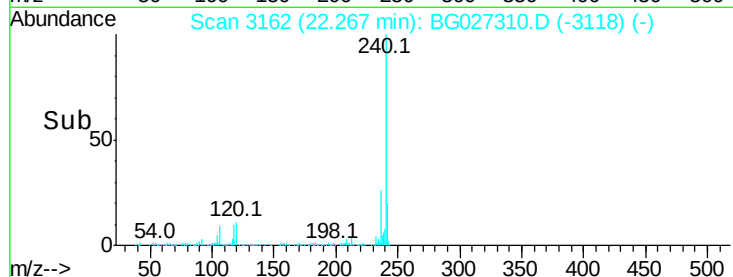
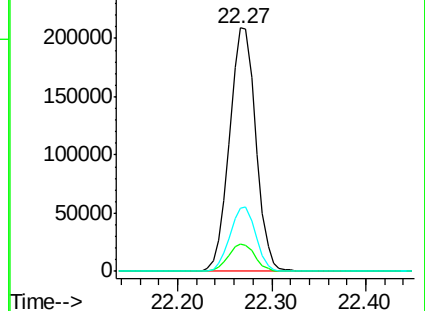
236 25.8 22.2 33.4



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: 95.78 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027310.D

Acq: 8 Jun 2017 9:19

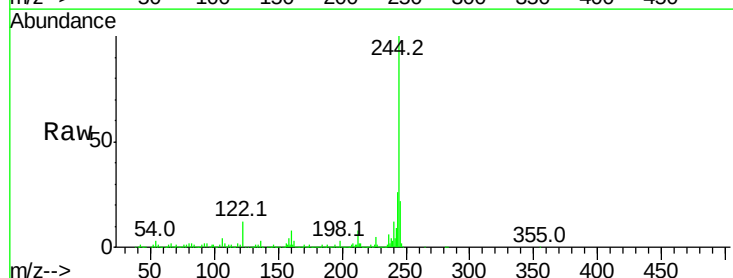
Tgt Ion:244 Resp: 1528764

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

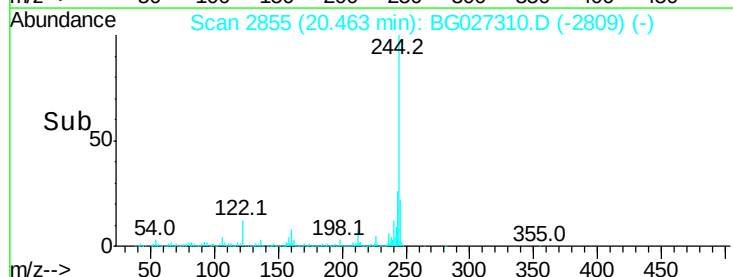
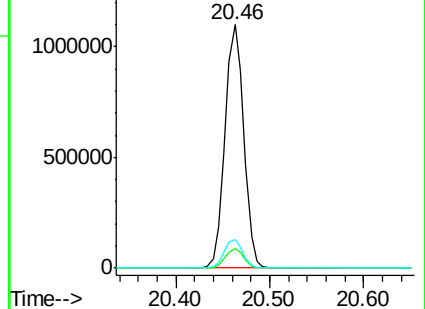
122 11.5 8.6 12.8

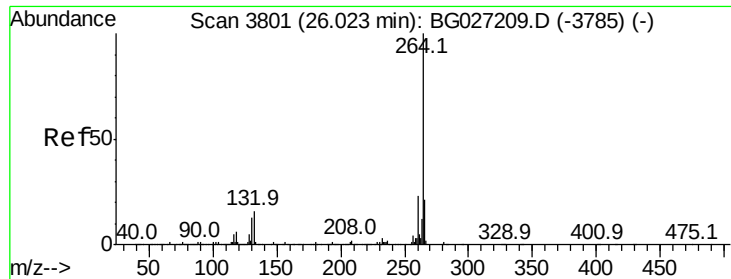


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

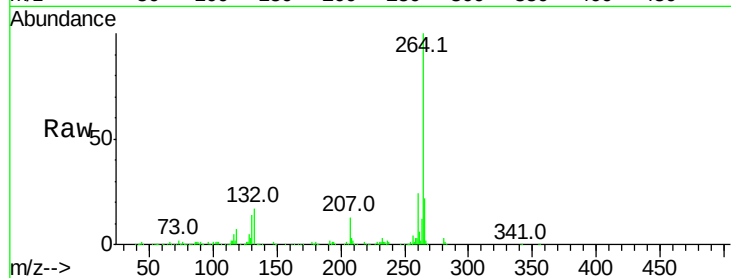




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.95 min Scan# 3789
 Delta R.T. -0.07 min
 Lab File: BG027310.D
 Acq: 8 Jun 2017 9:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.6	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

