

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027262.D
 Acq On : 6 Jun 2017 23:26
 Operator : SJ/MA
 Sample : I3438-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 07 05:18:40 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

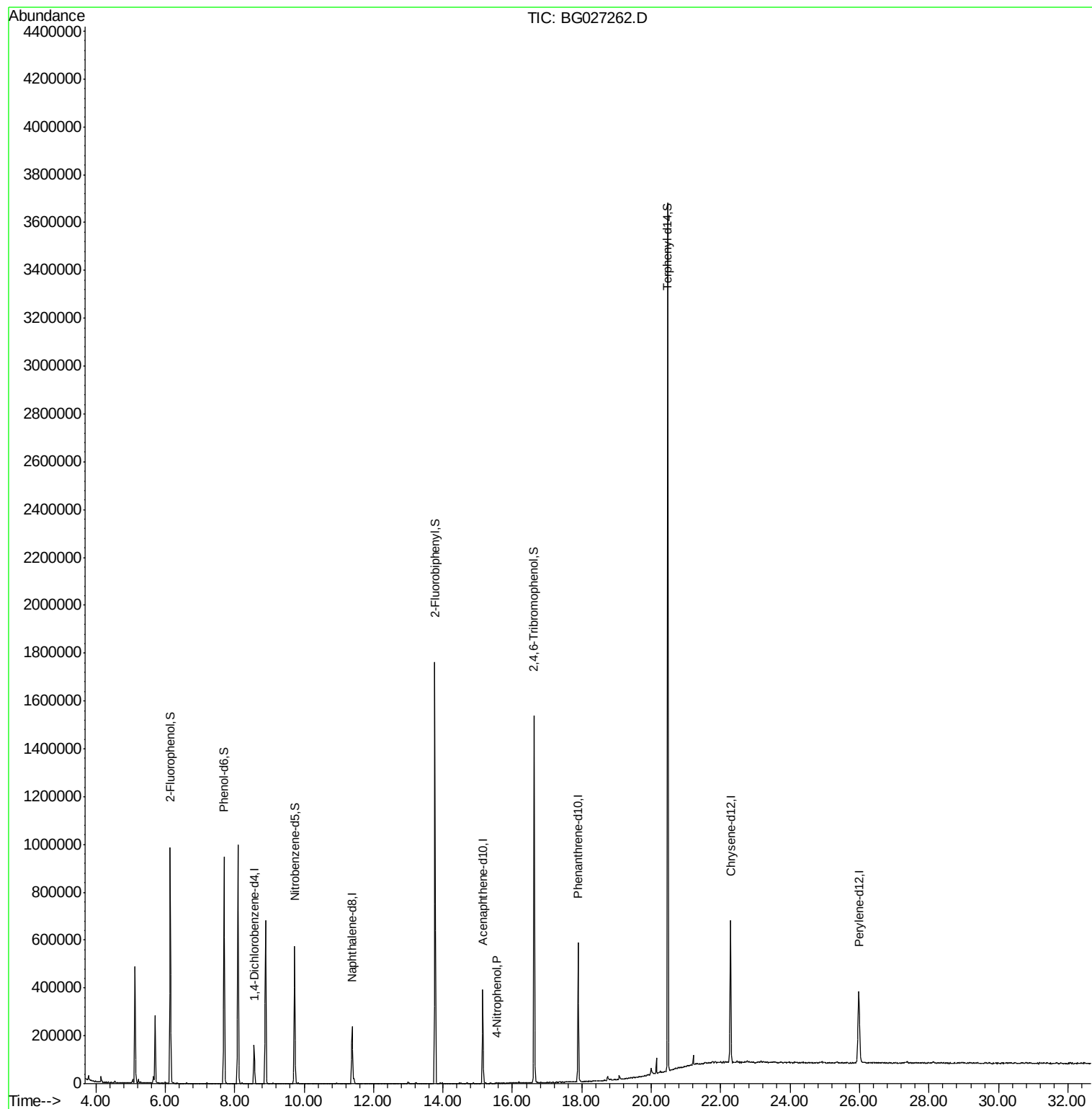
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	47217	20.00	ng	-0.01
21) Naphthalene-d8	11.38	136	213140	20.00	ng	-0.01
38) Acenaphthene-d10	15.14	164	139842	20.00	ng	-0.01
63) Phenanthrene-d10	17.89	188	364571	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	411147	20.00	ng	-0.03
86) Perylene-d12	25.98	264	371392	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	472560	152.72	ng	0.00
7) Phenol-d6	7.69	99	623865	137.35	ng	0.00
23) Nitrobenzene-d5	9.73	82	380167	112.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	324589	176.27	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	968895	96.93	ng	-0.01
78) Terphenyl-d14	20.47	244	1652206	102.51	ng	-0.02
Target Compounds						
55) 4-Nitrophenol	15.54	139	1066	6.59	ng	Qvalue # 1

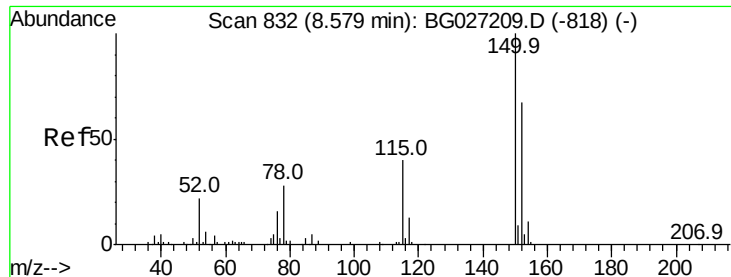
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

Instrument :

BNA_G

ClientSampleId :

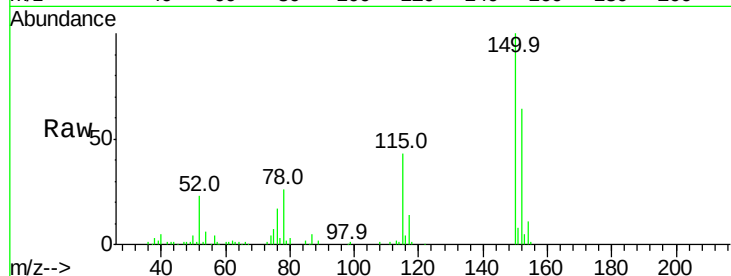
Tot Ion:152 Resp: 47217

Ion Ratio Lower Upper

152 100

150 155.1 114.0 171.0

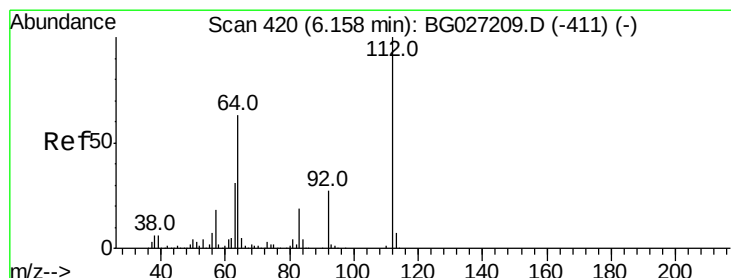
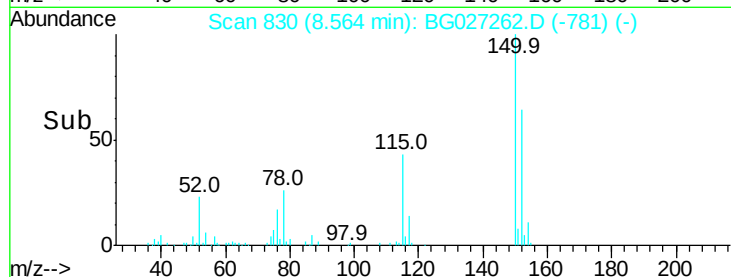
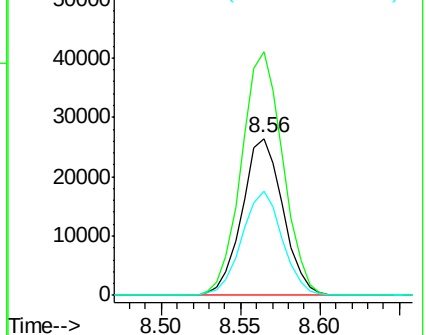
115 66.5 48.1 72.1



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: 152.72 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

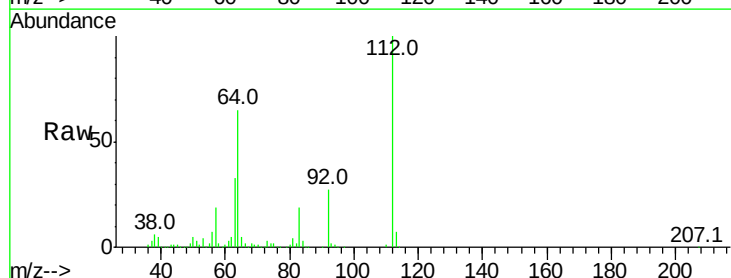
Tgt Ion:112 Resp: 472560

Ion Ratio Lower Upper

112 100

64 65.0 61.8 92.6

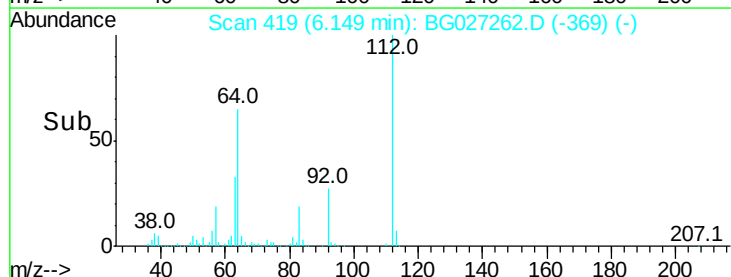
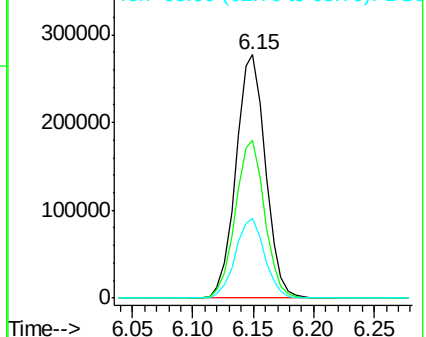
63 32.6 37.2 55.8#

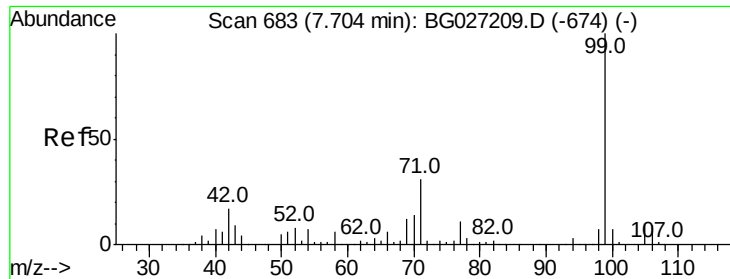


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 137.35 ng

RT: 7.69 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

Instrument :

BNA_G

ClientSampleId :

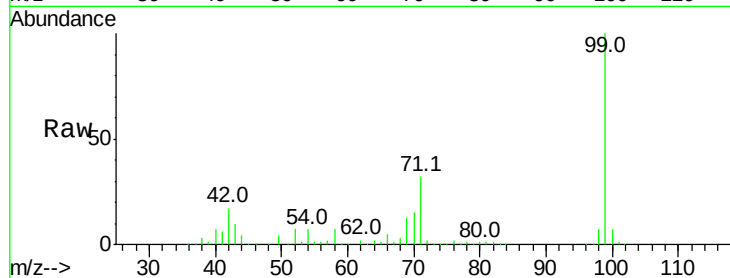
Tot Ion: 99 Resp: 623865

Ion Ratio Lower Upper

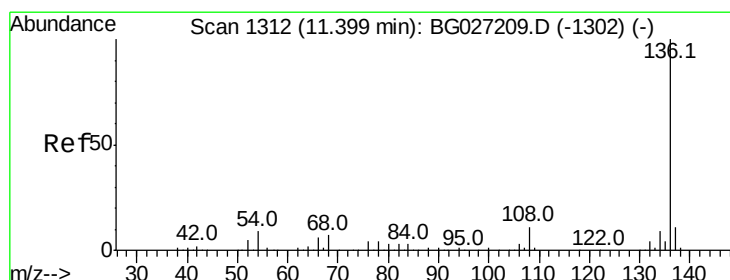
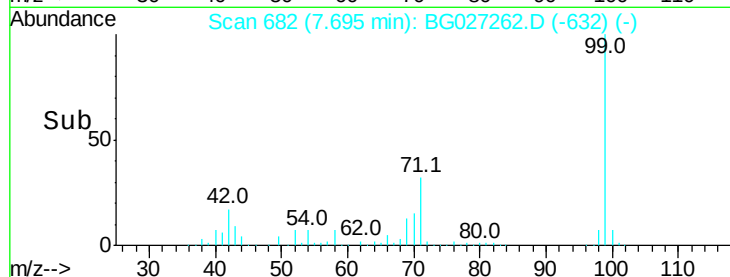
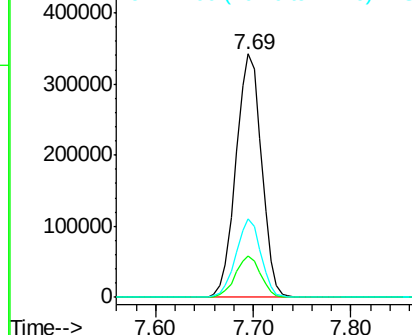
99 100

42 17.2 20.5 30.7#

71 32.1 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# 1310

Delta R.T. -0.01 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

Tgt Ion: 136 Resp: 213140

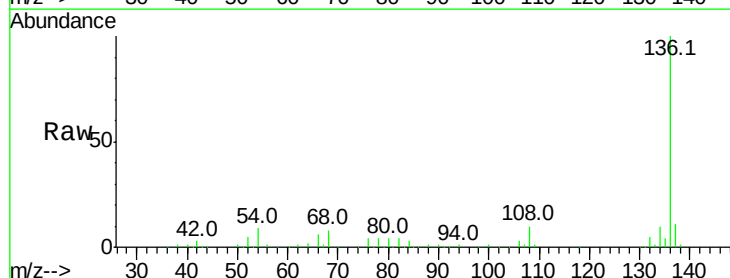
Ion Ratio Lower Upper

136 100

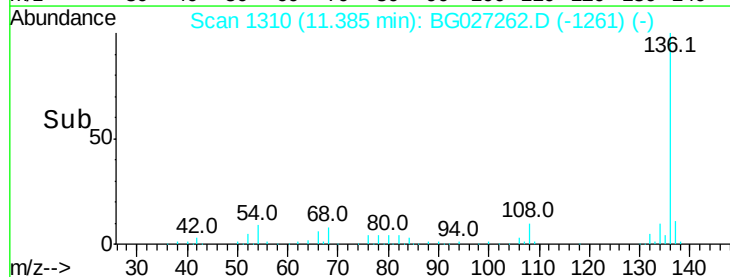
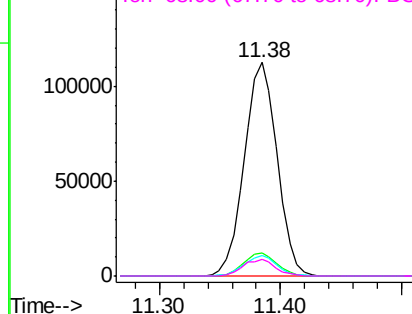
137 11.1 8.9 13.3

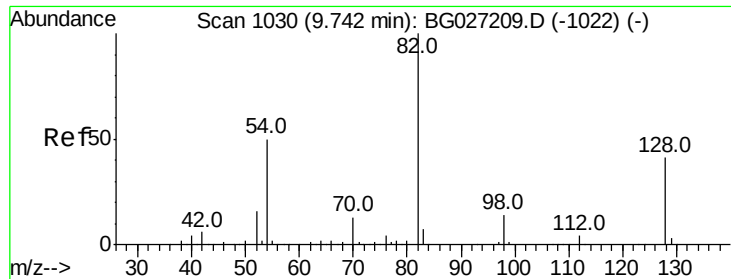
54 9.4 9.3 13.9

68 7.6 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

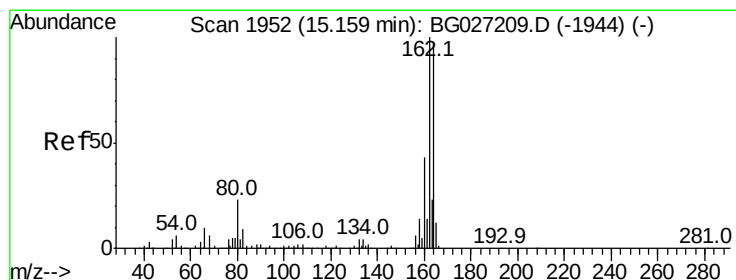
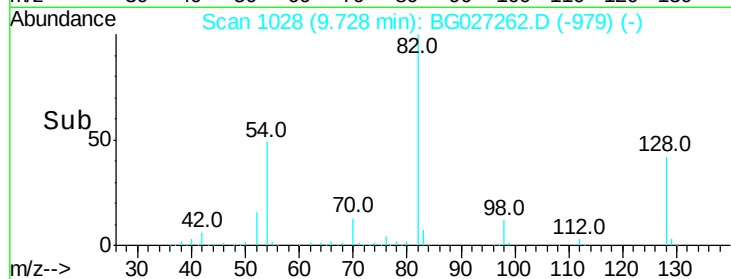
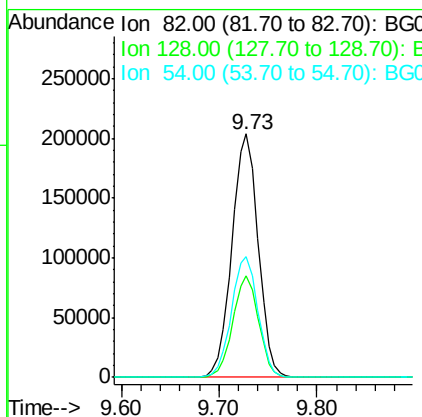
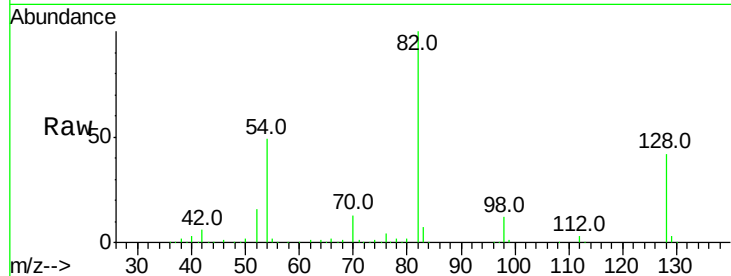




#23
 Nitrobenzene-d5
 Concen: 112.17 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027262.D
 Acq: 6 Jun 2017 23:26

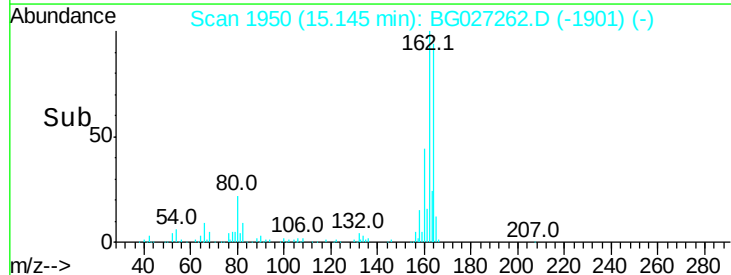
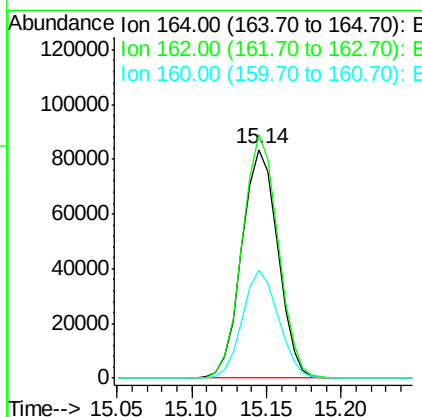
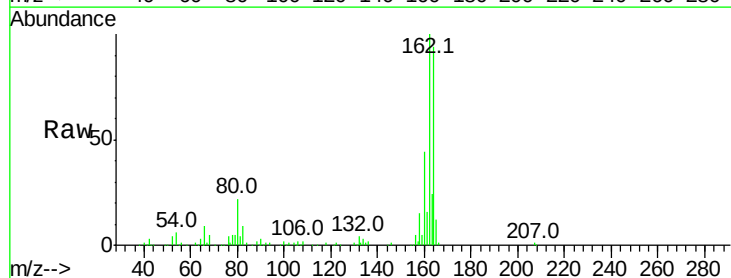
Instrument :
 BNA_G
 ClientSampleId :

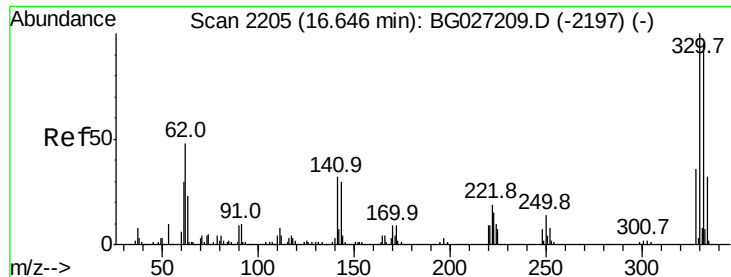
Tot Ion	82	Resp	380167
Ion	Ratio	Lower	Upper
82	100		
128	41.7	26.4	39.6#
54	49.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027262.D
 Acq: 6 Jun 2017 23:26

Tgt Ion	164	Resp	139842
Ion	Ratio	Lower	Upper
164	100		
162	106.4	85.1	127.7
160	47.0	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 176.27 ng

RT: 16.63 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

Instrument :

BNA_G

ClientSampled :

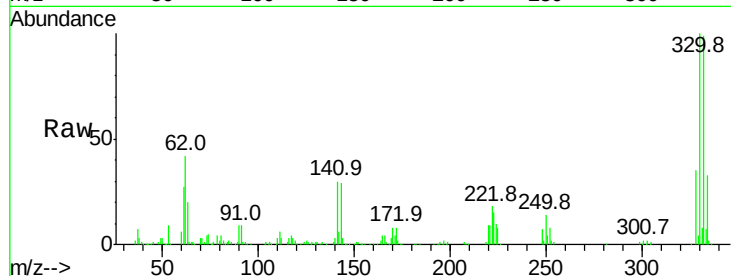
Tot Ion:330 Resp: 324589

Ion Ratio Lower Upper

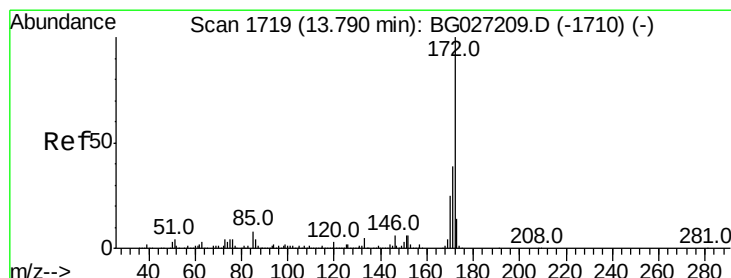
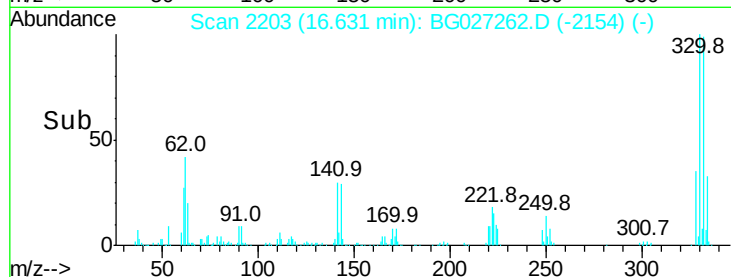
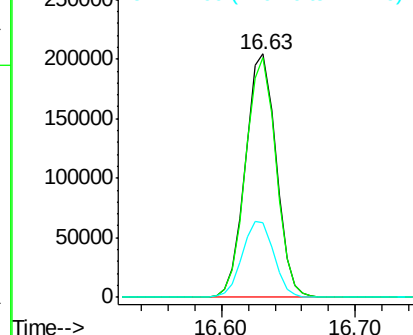
330 100

332 97.4 77.3 115.9

141 32.3 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: 96.93 ng

RT: 13.78 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

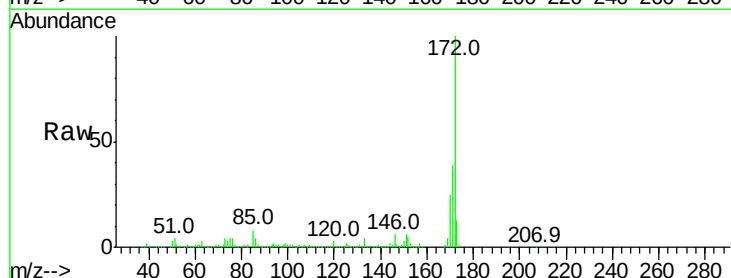
Tgt Ion:172 Resp: 968895

Ion Ratio Lower Upper

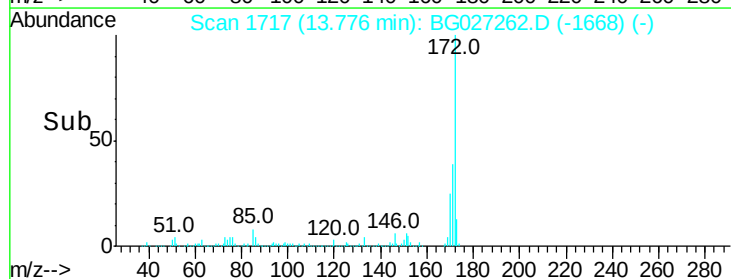
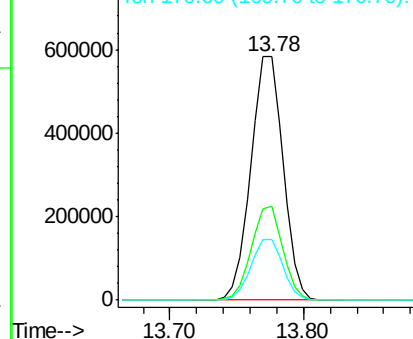
172 100

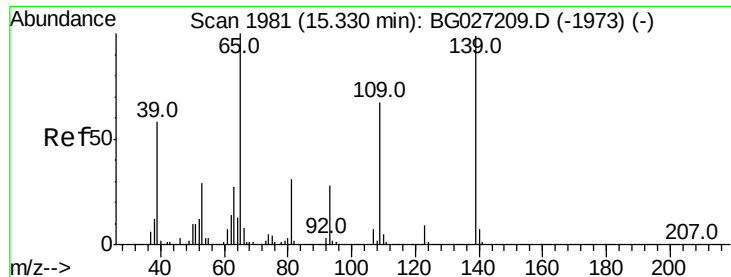
171 38.8 32.2 48.2

170 24.9 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: 6.59 ng

RT: 15.54 min Scan# 2018

Delta R.T. 0.22 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

Instrument :

BNA_G

ClientSampleId :

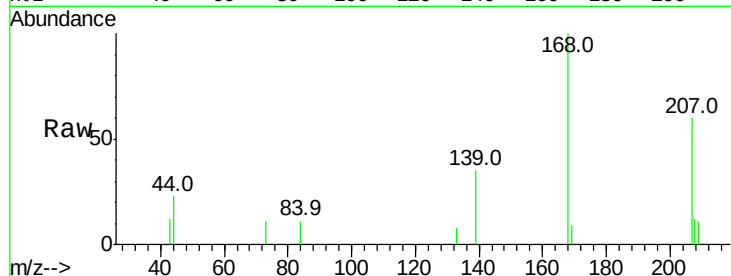
Tot Ion:139 Resp: 1066

Ion Ratio Lower Upper

139 100

109 0.0 101.2 141.2#

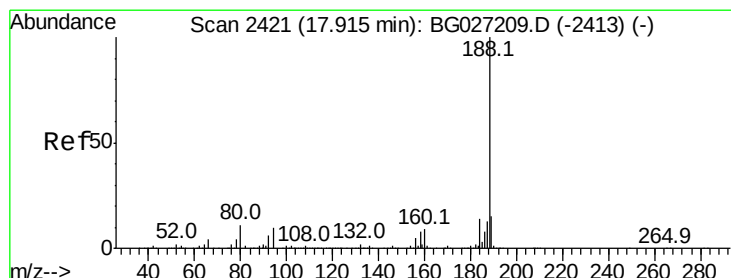
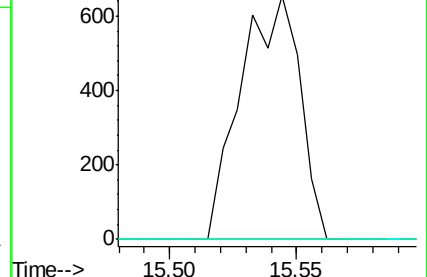
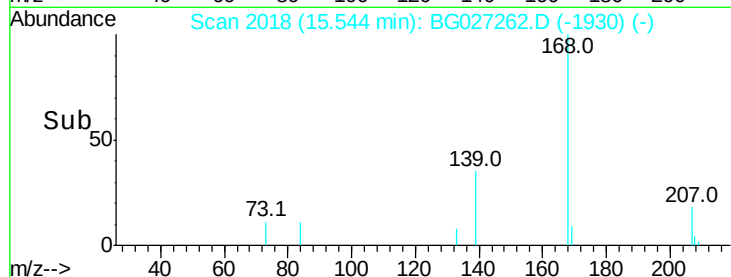
65 0.0 135.3 175.3#



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: 17.89 min Scan# 2418

Delta R.T. -0.02 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

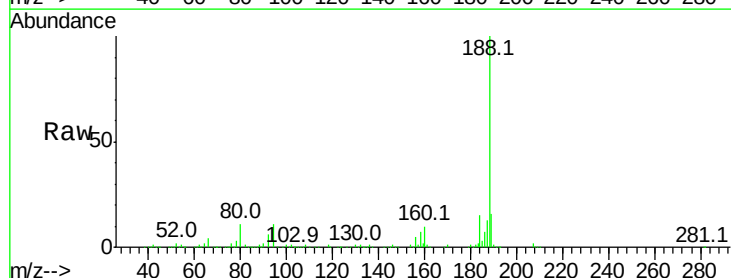
Tgt Ion:188 Resp: 364571

Ion Ratio Lower Upper

188 100

94 10.7 5.8 8.8#

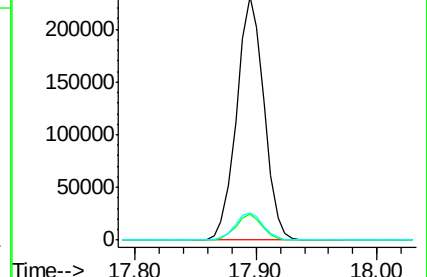
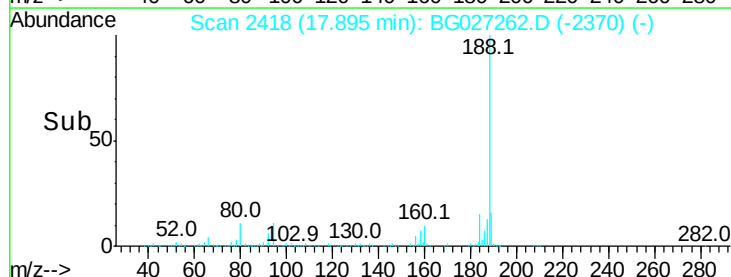
80 11.3 7.5 11.3#

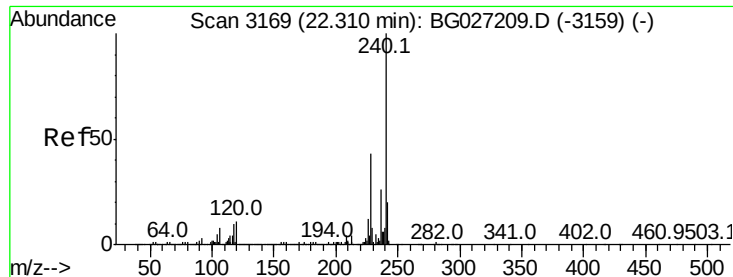


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.28 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

Instrument :

BNA_G

ClientSampleId :

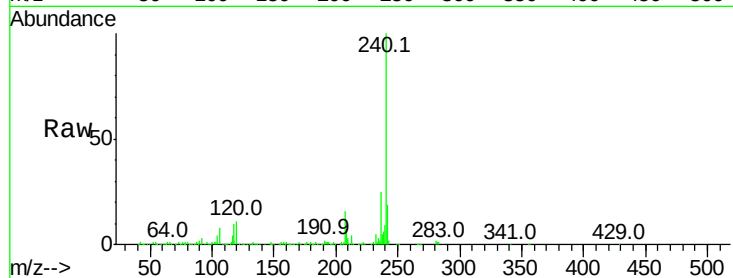
Tot Ion:240 Resp: 411147

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

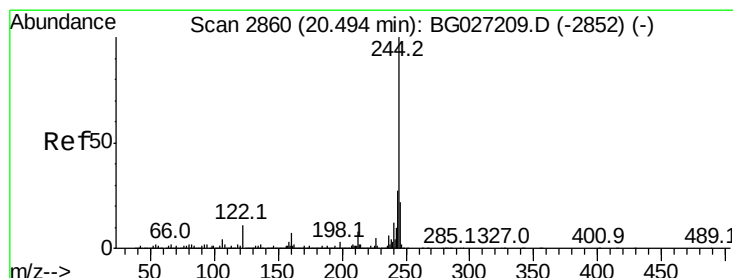
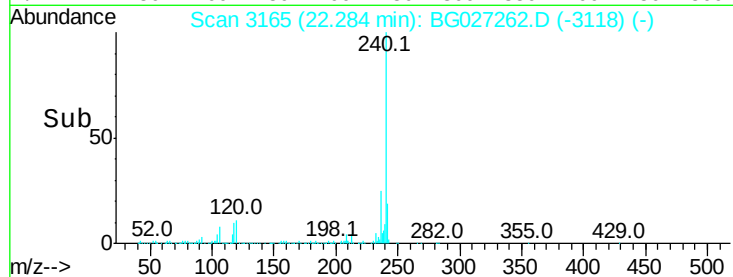
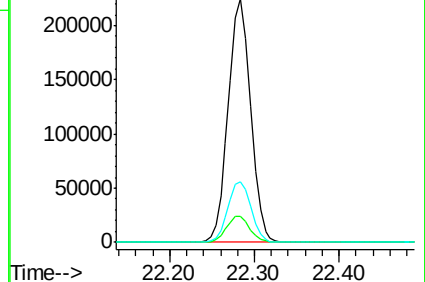
236 25.0 22.2 33.4



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: 102.51 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027262.D

Acq: 6 Jun 2017 23:26

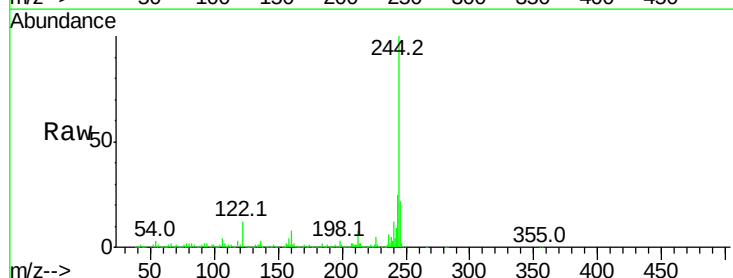
Tgt Ion:244 Resp: 1652206

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

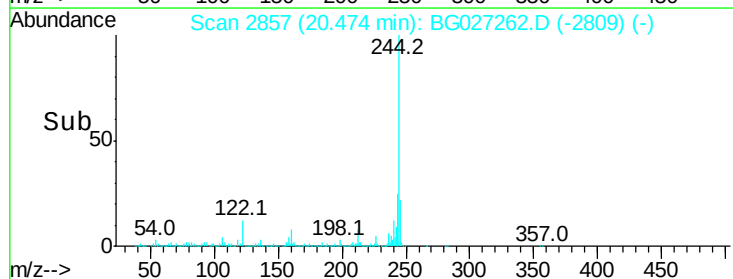
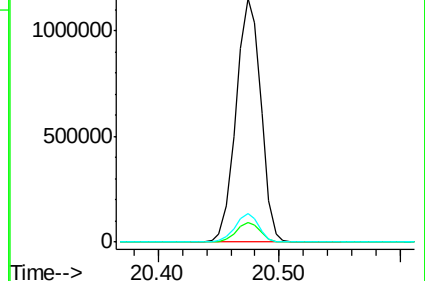
122 11.8 8.6 12.8

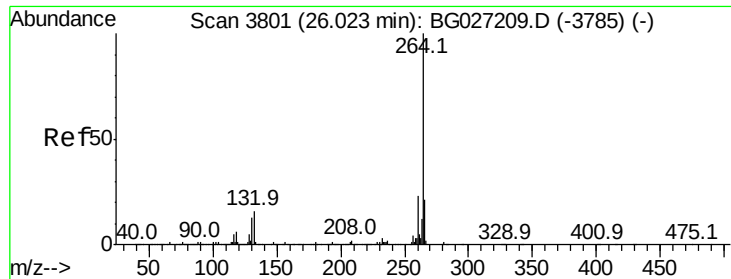


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

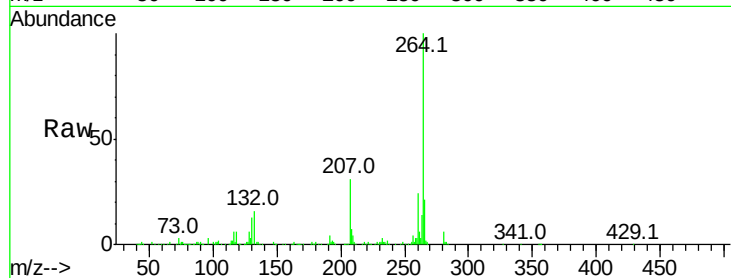




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.98 min Scan# 3794
 Delta R.T. -0.04 min
 Lab File: BG027262.D
 Acq: 6 Jun 2017 23:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264	Resp:	371392
Ion Ratio	Lower	Upper
264	100	
260	23.9	21.8 32.8
265	20.8	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

