

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027623.D
 Acq On : 23 Jun 2017 9:15
 Operator : SJ/JU
 Sample : I3657-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 15:19:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	15018	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	70986	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	48399	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	147615	20.00	ng	0.00
75) Chrysene-d12	22.20	240	166390	20.00	ng	-0.01
86) Perylene-d12	25.84	264	157556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	53879	51.06	ng	0.00
7) Phenol-d6	7.64	99	44922	28.76	ng	0.00
23) Nitrobenzene-d5	9.67	82	119583	79.71	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	116672	161.70	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	281477	79.44	ng	0.00
78) Terphenyl-d14	20.42	244	697189	98.72	ng	0.00

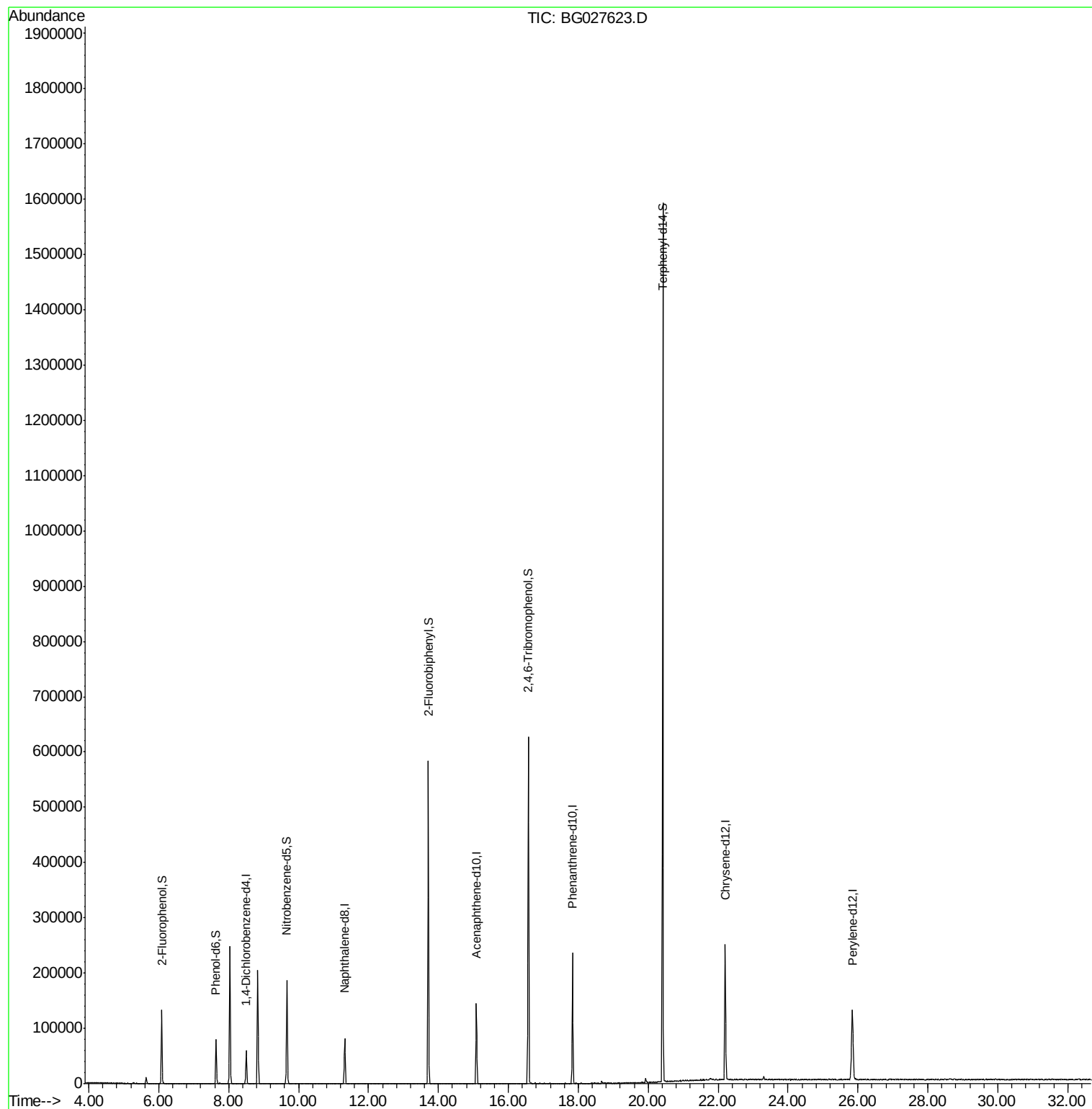
Target Compounds Qvalue

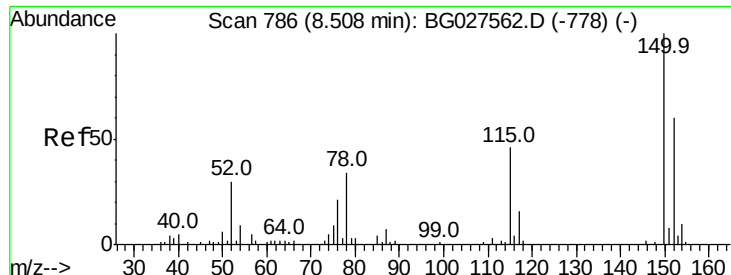
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BG027623.D

Acq: 23 Jun 2017 9:15

Instrument :

BNA_G

ClientSampleId :

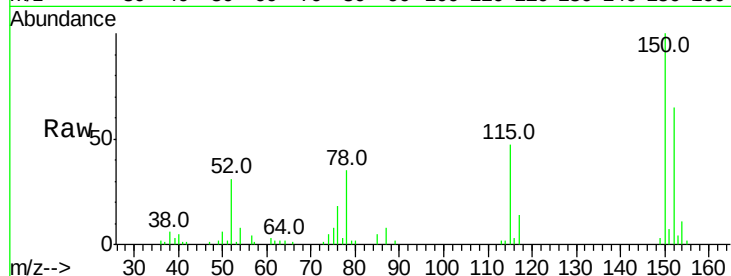
Tot Ion:152 Resp: 15018

Ion Ratio Lower Upper

152 100

150 154.4 114.0 171.0

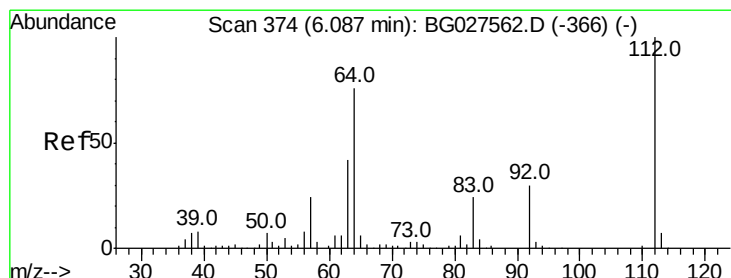
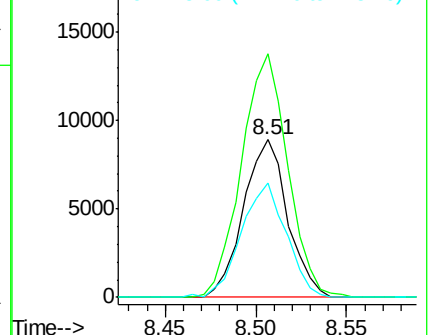
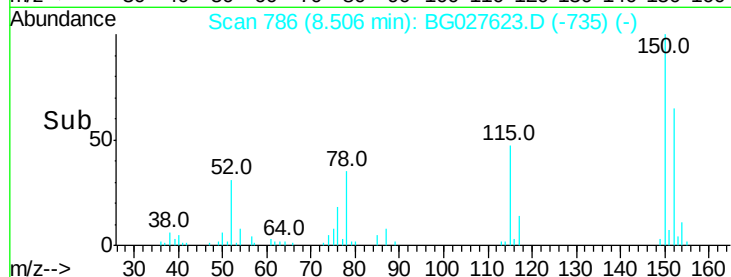
115 72.3 48.1 72.1#



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: 51.06 ng

RT: 6.09 min Scan# 374

Delta R.T. -0.00 min

Lab File: BG027623.D

Acq: 23 Jun 2017 9:15

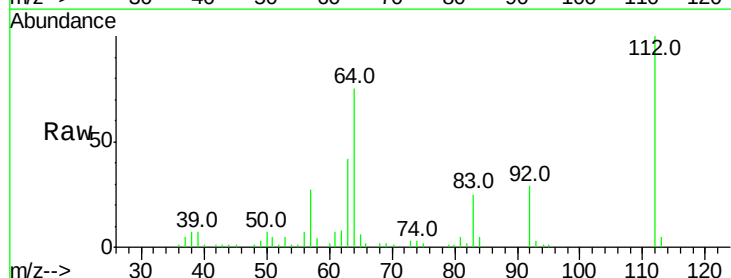
Tgt Ion:112 Resp: 53879

Ion Ratio Lower Upper

112 100

64 74.6 61.8 92.6

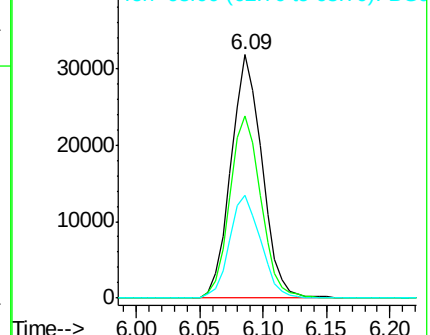
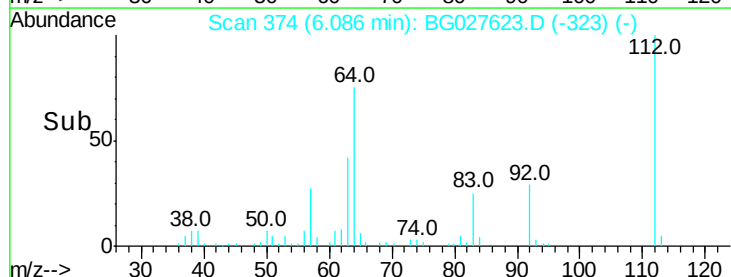
63 42.3 37.2 55.8

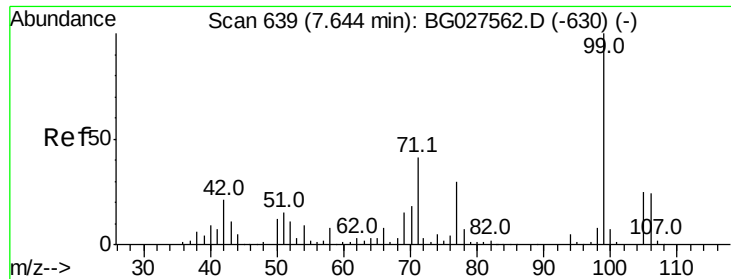


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 28.76 ng

RT: 7.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BG027623.D

Acq: 23 Jun 2017 9:15

Instrument :

BNA_G

ClientSampleId :

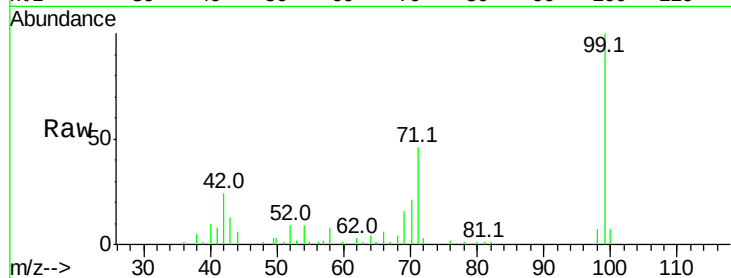
Tot Ion: 99 Resp: 44922

Ion Ratio Lower Upper

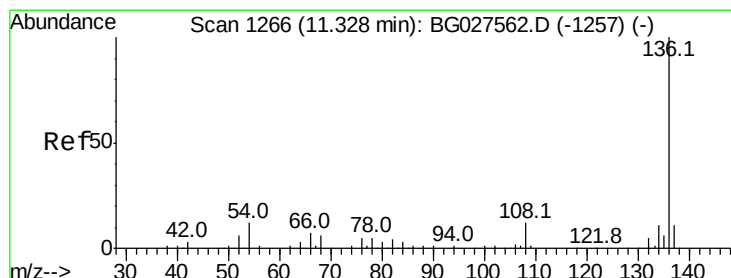
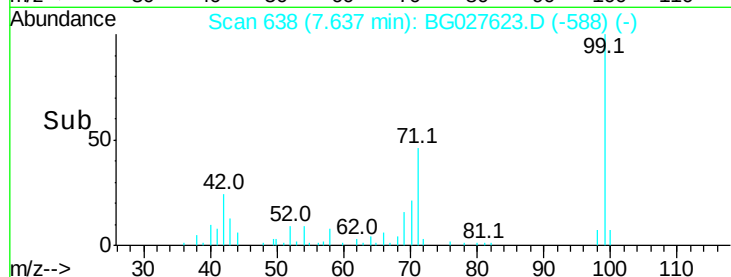
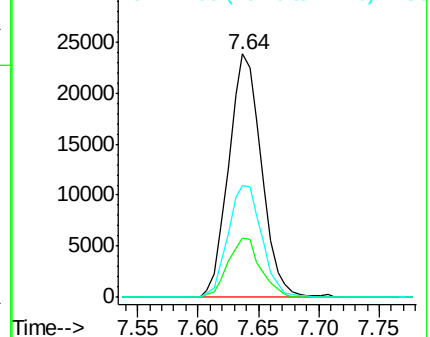
99 100

42 24.2 20.5 30.7

71 45.9 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: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027623.D

Acq: 23 Jun 2017 9:15

Tgt Ion: 136 Resp: 70986

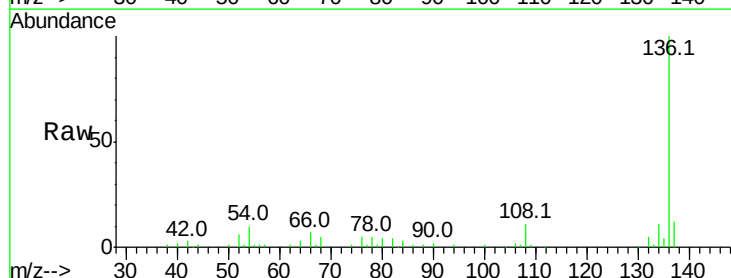
Ion Ratio Lower Upper

136 100

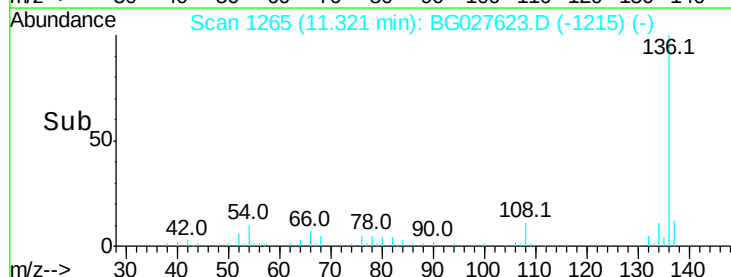
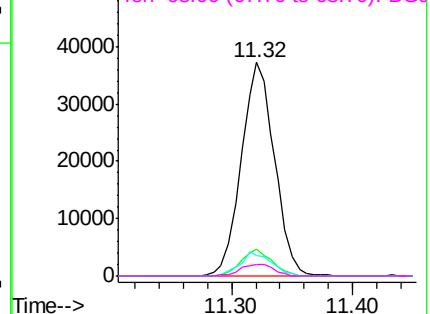
137 12.4 8.9 13.3

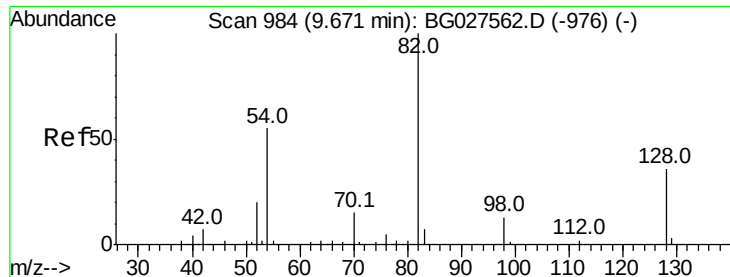
54 9.8 9.3 13.9

68 5.4 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

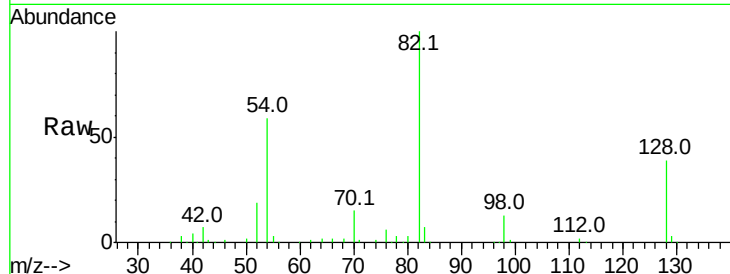




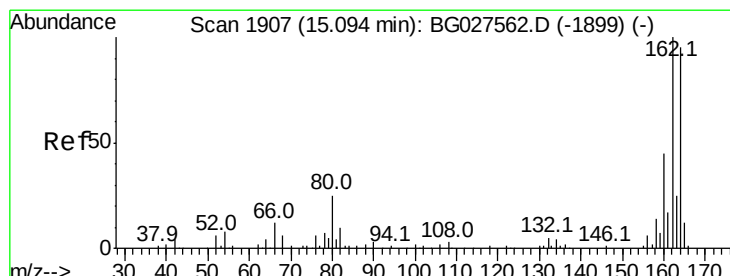
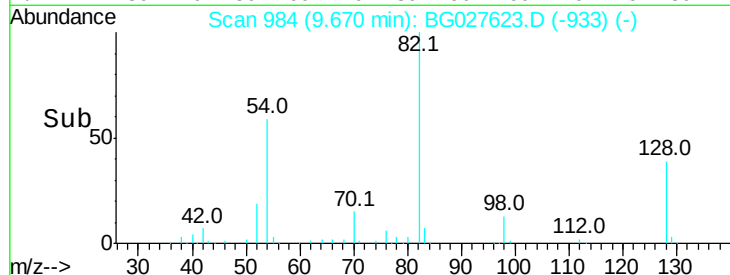
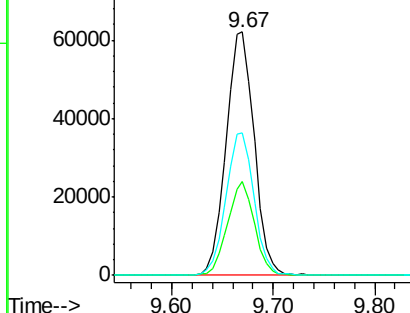
#23
 Nitrobenzene-d5
 Concen: 79.71 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027623.D
 Acq: 23 Jun 2017 9:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	119583
Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.4	39.6
54	58.5	49.4	74.2

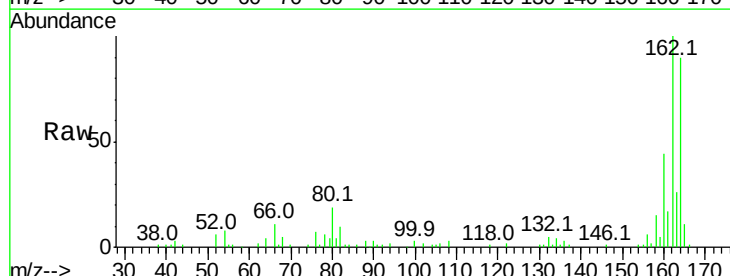


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

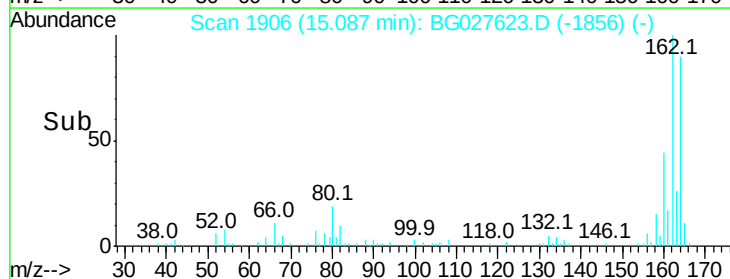
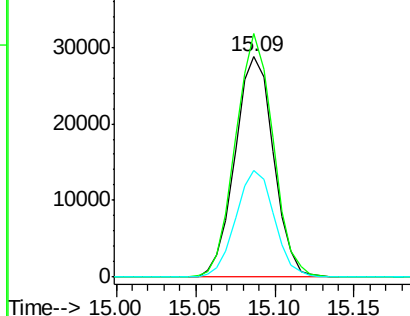


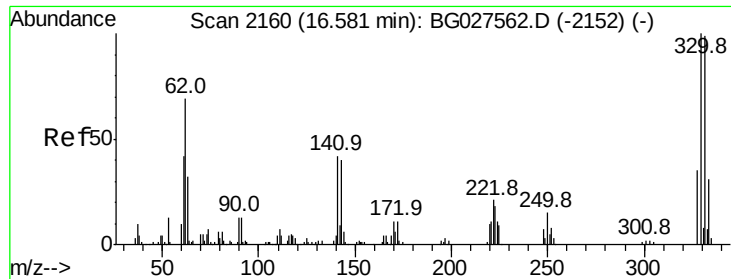
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027623.D
 Acq: 23 Jun 2017 9:15

Tgt Ion	164	Resp	48399
Ion	Ratio	Lower	Upper
164	100		
162	110.6	85.1	127.7
160	48.2	34.7	52.1



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

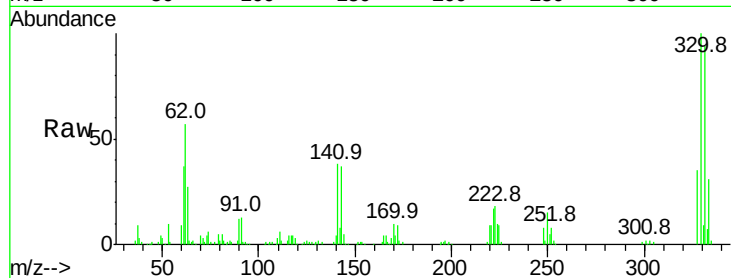




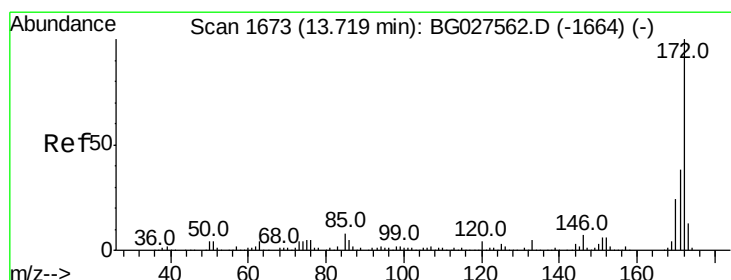
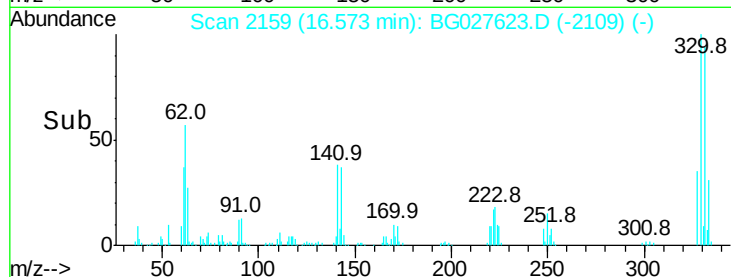
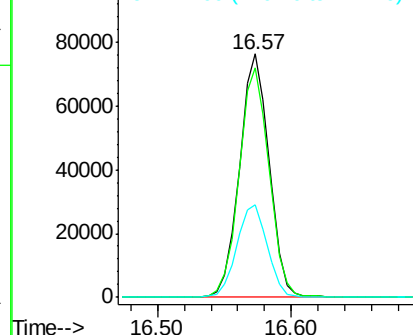
#41
 2,4,6-Tribromophenol
 Concen: 161.70 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027623.D
 Acq: 23 Jun 2017 9:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	39.6	32.1	48.1

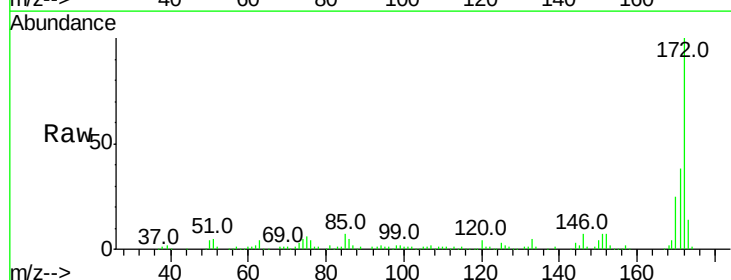


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

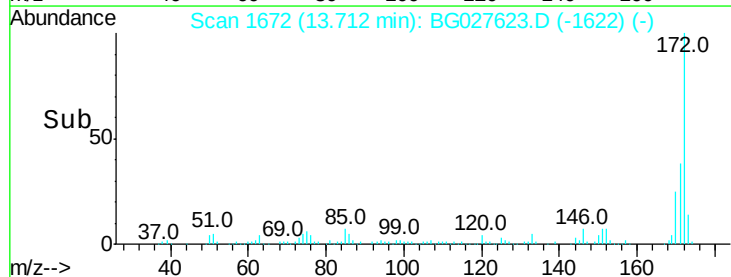
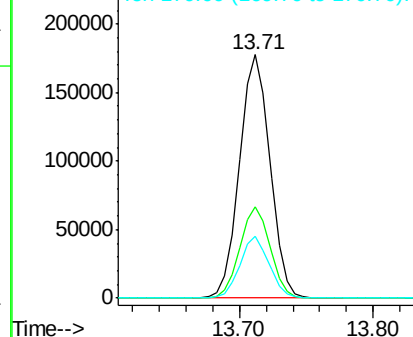


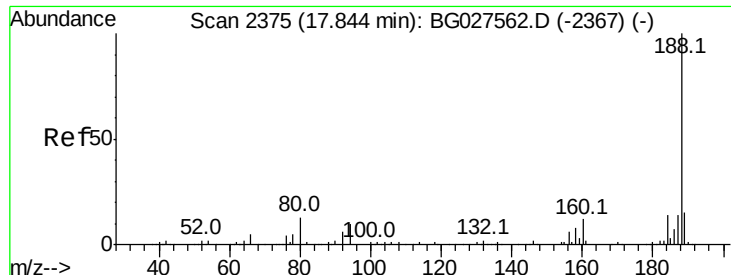
#44
 2-Fluorobiphenyl
 Concen: 79.44 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027623.D
 Acq: 23 Jun 2017 9:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	25.4	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.84 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG027623.D

Acq: 23 Jun 2017 9:15

Instrument :

BNA_G

ClientSampleId :

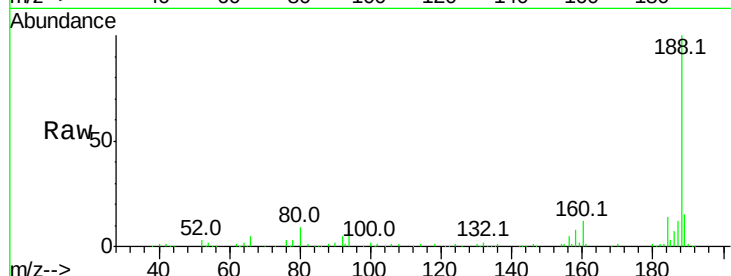
Tot Ion:188 Resp: 147615

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.8

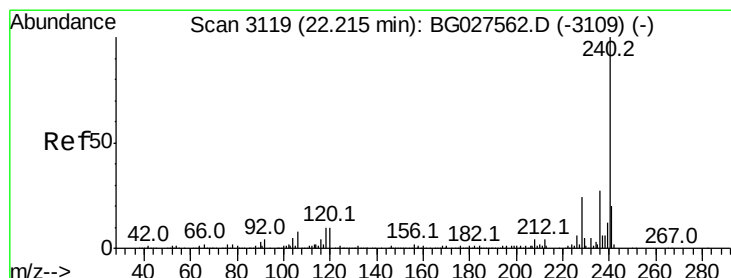
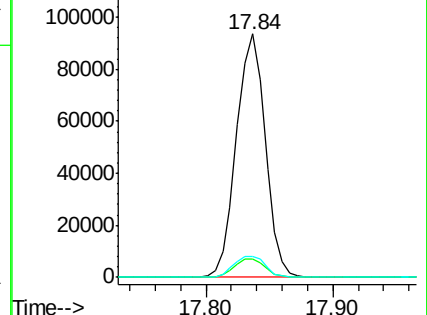
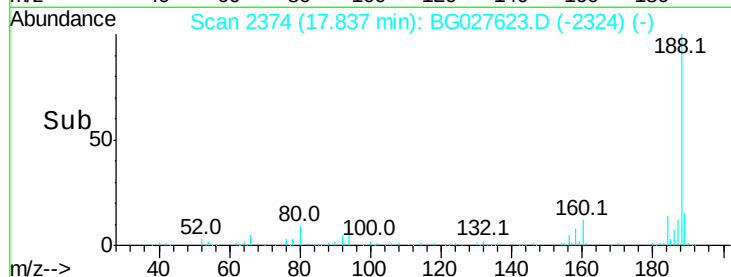
80 8.6 7.5 11.3



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: 22.20 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG027623.D

Acq: 23 Jun 2017 9:15

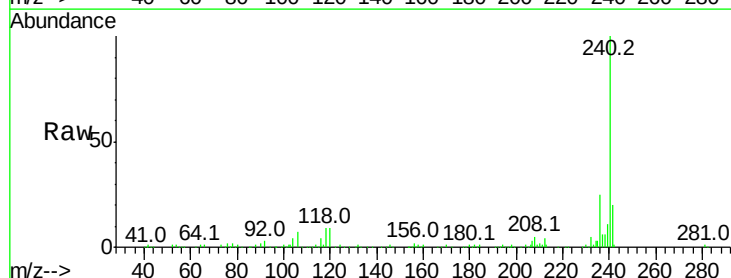
Tgt Ion:240 Resp: 166390

Ion Ratio Lower Upper

240 100

120 8.8 5.7 8.5#

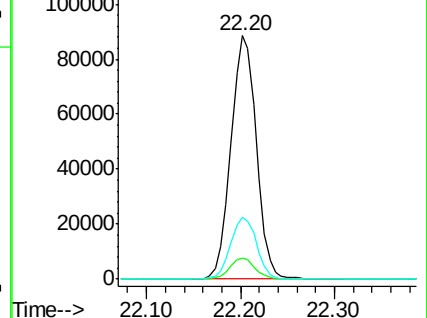
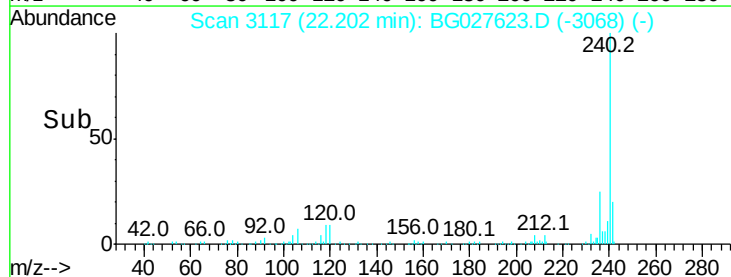
236 25.3 22.2 33.4

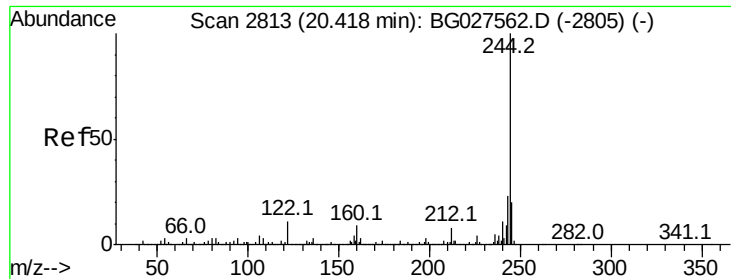


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.72 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027623.D

Acq: 23 Jun 2017 9:15

Instrument :

BNA_G

ClientSampleId :

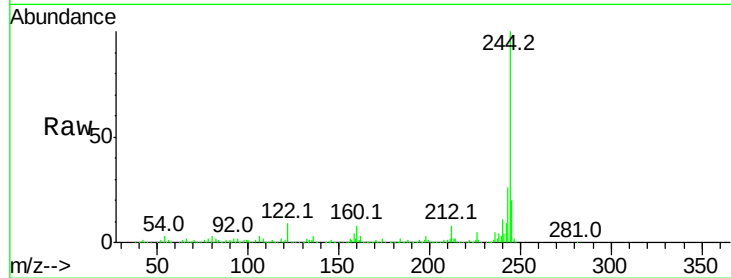
Tot Ion:244 Resp: 697189

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

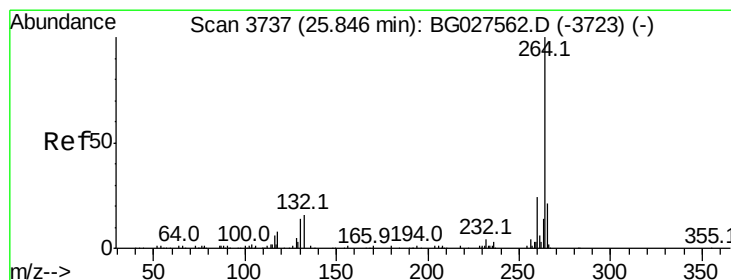
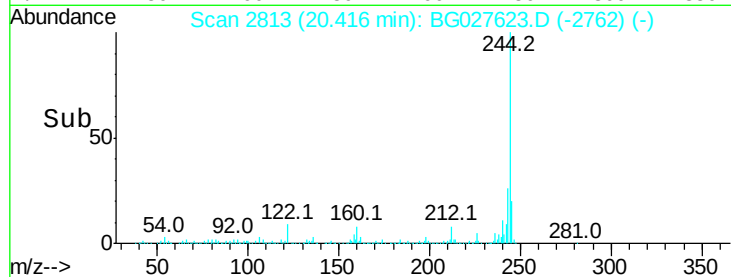
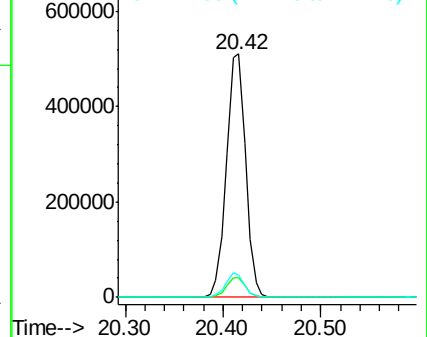
122 9.0 8.6 12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.84 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG027623.D

Acq: 23 Jun 2017 9:15

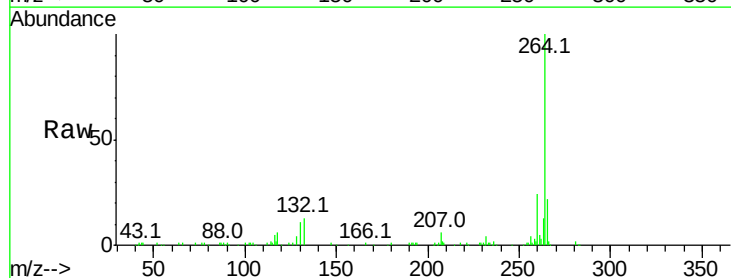
Tgt Ion:264 Resp: 157556

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 22.1 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

