

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027647.D
 Acq On : 24 Jun 2017 1:50
 Operator : SJ/JU
 Sample : I3657-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-104D

Quant Time: Jun 24 02:33:49 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	20912	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	93390	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	57856	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	149537	20.00	ng	0.00
75) Chrysene-d12	22.20	240	169613	20.00	ng	-0.01
86) Perylene-d12	25.84	264	162182	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	74123	50.45	ng	0.00
7) Phenol-d6	7.64	99	77096	35.44	ng	0.00
23) Nitrobenzene-d5	9.67	82	161922	82.04	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	120156	139.30	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	365832	86.37	ng	0.00
78) Terphenyl-d14	20.42	244	685161	95.18	ng	0.00

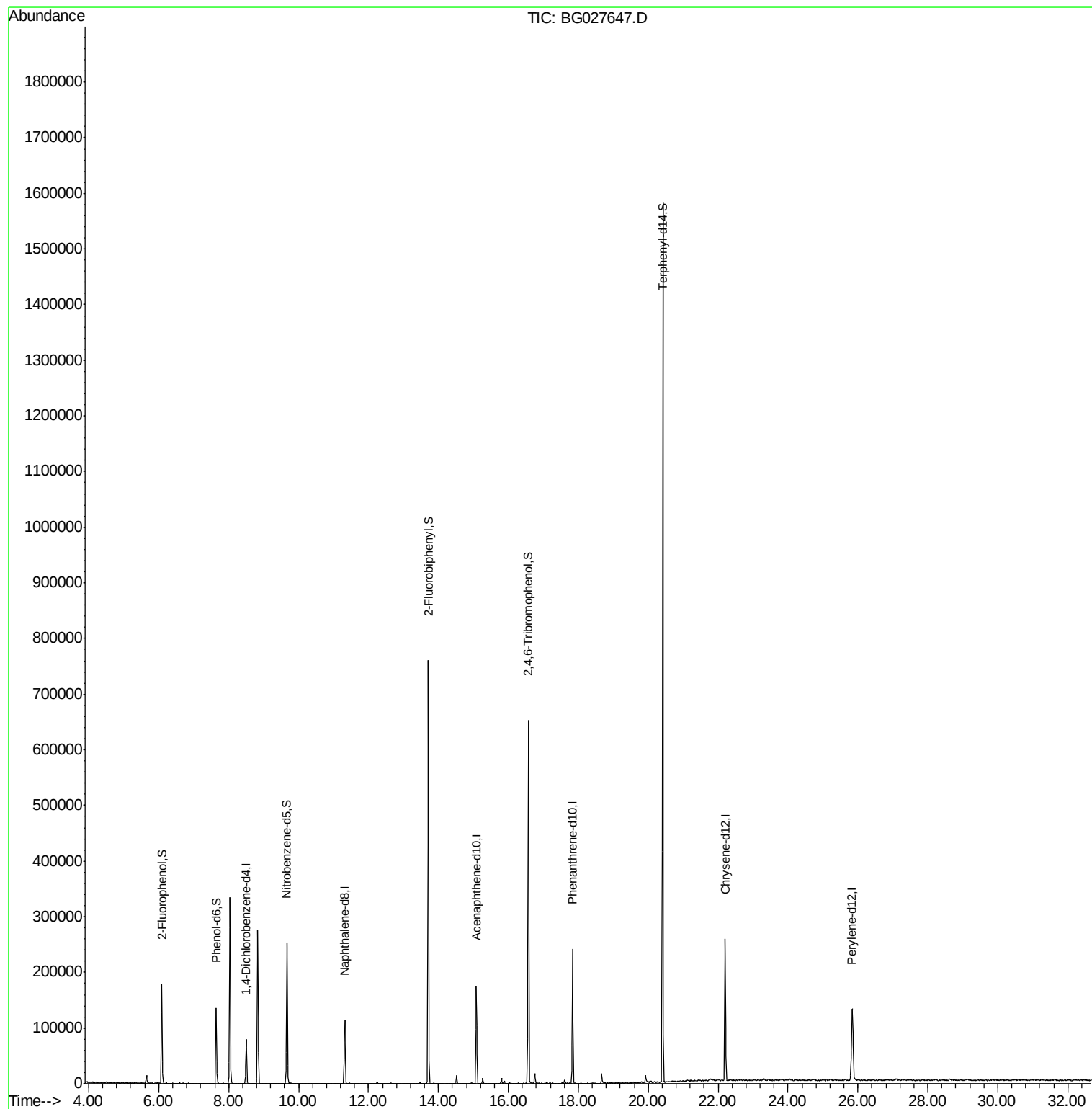
Target Compounds Qvalue

(#) = 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: BG027647.D

Acq: 24 Jun 2017 1:50

Instrument :

BNA_G

ClientSampleId :

MW-104D

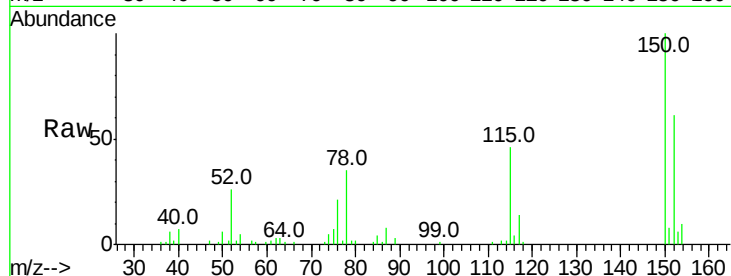
Tot Ion:152 Resp: 20912

Ion Ratio Lower Upper

152 100

150 165.0 114.0 171.0

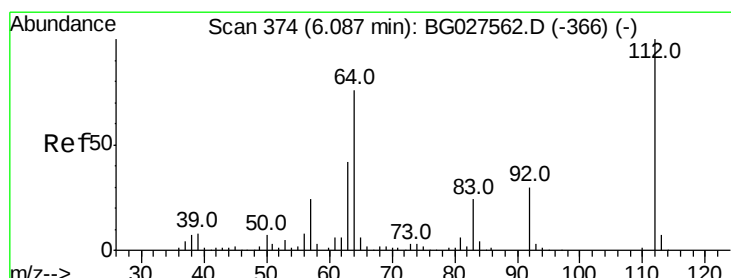
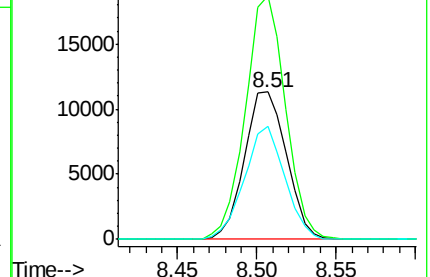
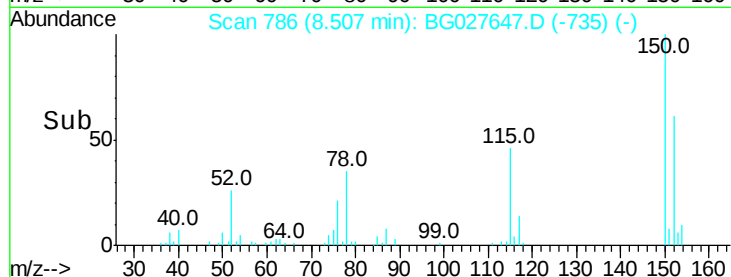
115 76.5 48.1 72.1#



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: 50.45 ng

RT: 6.09 min Scan# 375

Delta R.T. 0.00 min

Lab File: BG027647.D

Acq: 24 Jun 2017 1:50

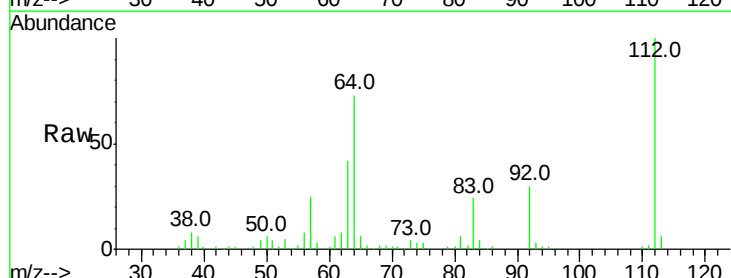
Tgt Ion:112 Resp: 74123

Ion Ratio Lower Upper

112 100

64 72.8 61.8 92.6

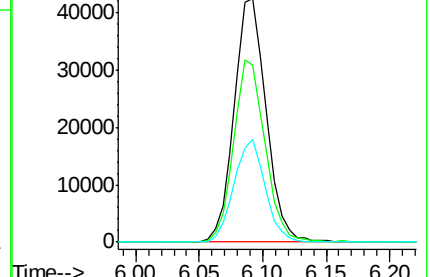
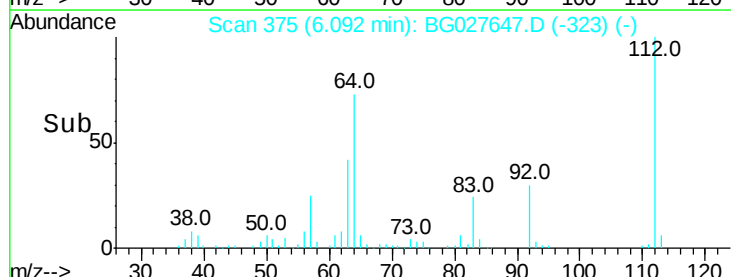
63 42.2 37.2 55.8

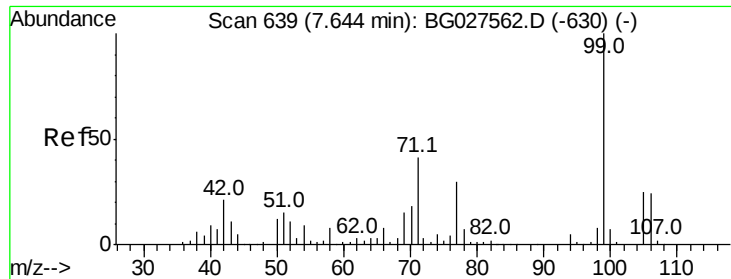


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 35.44 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027647.D

Acq: 24 Jun 2017 1:50

Instrument :

BNA_G

ClientSampled :

MW-104D

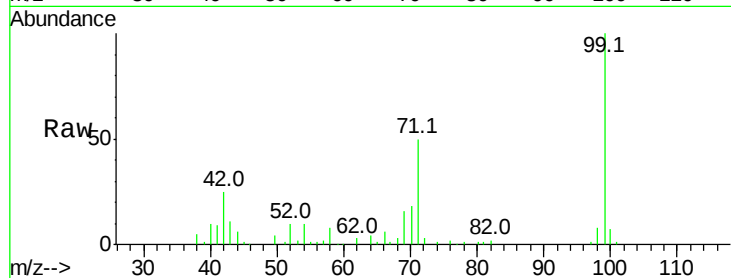
Tot Ion: 99 Resp: 77096

Ion Ratio Lower Upper

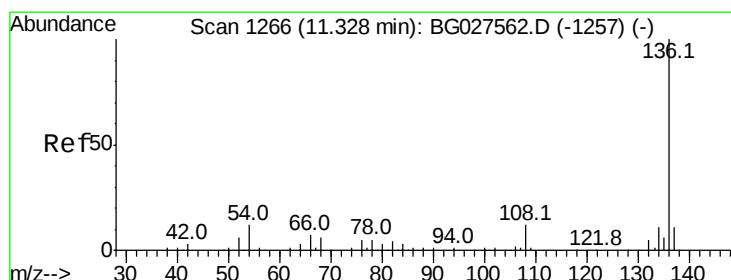
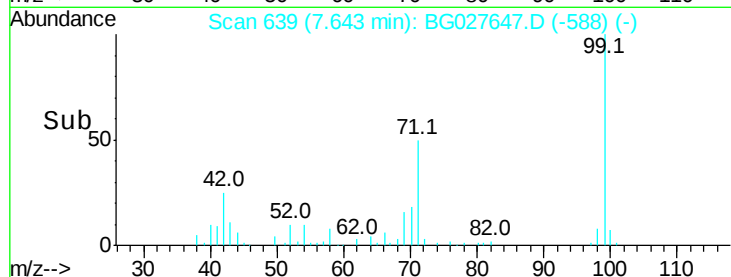
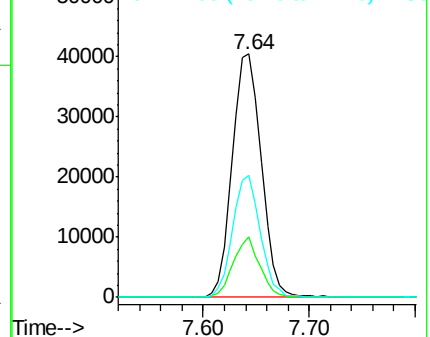
99 100

42 25.1 20.5 30.7

71 50.1 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: 11.32 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BG027647.D

Acq: 24 Jun 2017 1:50

Tgt Ion: 136 Resp: 93390

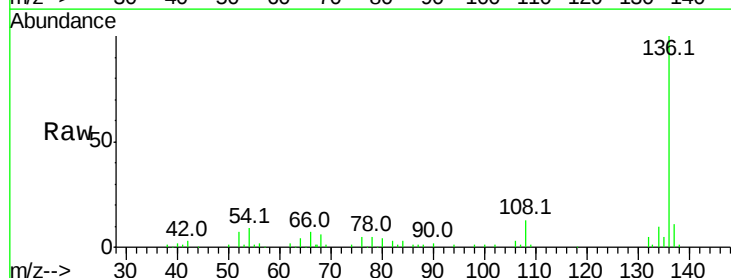
Ion Ratio Lower Upper

136 100

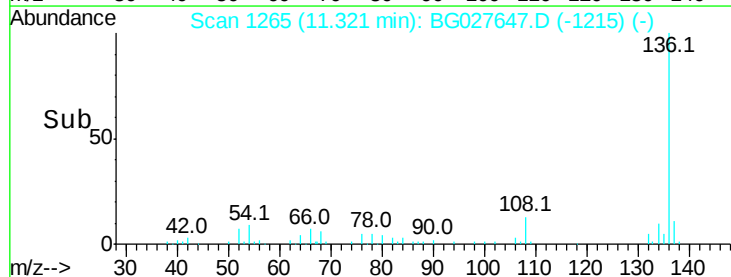
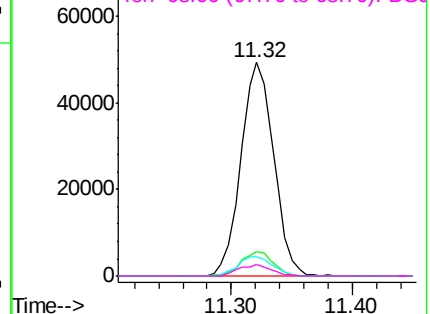
137 11.2 8.9 13.3

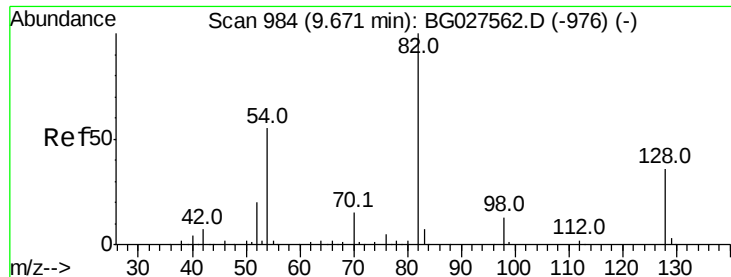
54 9.1 9.3 13.9#

68 5.6 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

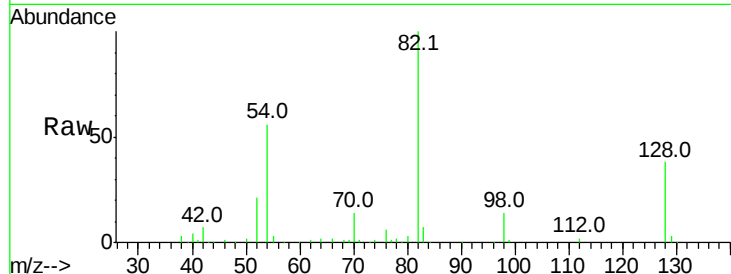




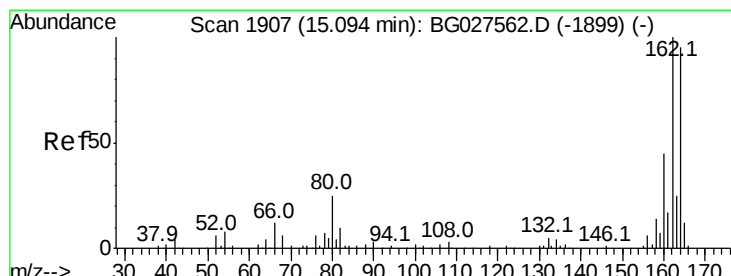
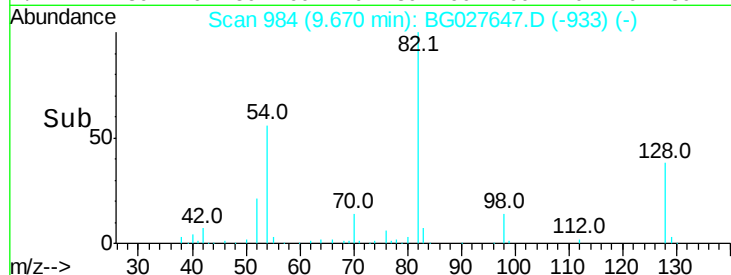
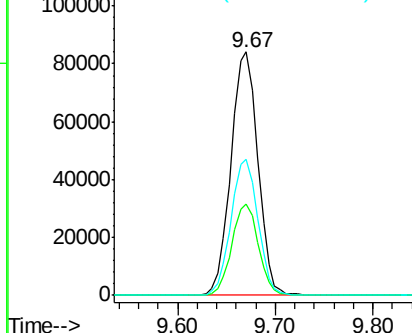
#23
 Nitrobenzene-d5
 Concen: 82.04 ng
 RT: 9.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BG027647.D
 Acq: 24 Jun 2017 1:50

Instrument :
 BNA_G
 ClientSampled :
 MW-104D

Tot Ion	82	Resp	161922
Ion Ratio	Lower	Upper	
82	100		
128	37.5	26.4	39.6
54	55.7	49.4	74.2

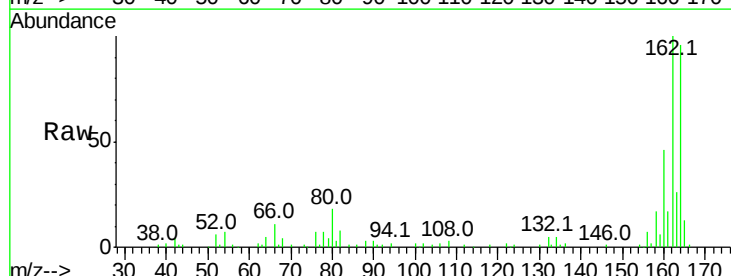


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

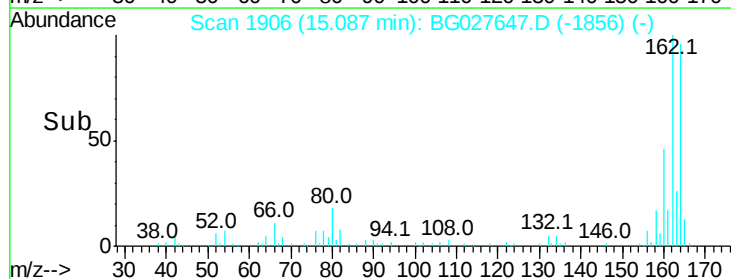
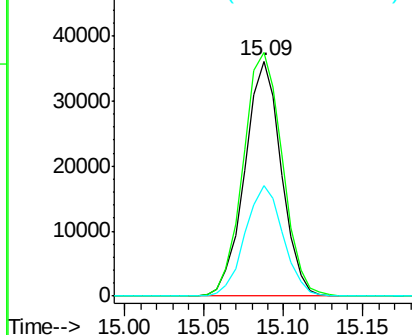


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BG027647.D
 Acq: 24 Jun 2017 1:50

Tgt Ion	164	Resp	57856
Ion Ratio	Lower	Upper	
164	100		
162	103.7	85.1	127.7
160	47.3	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

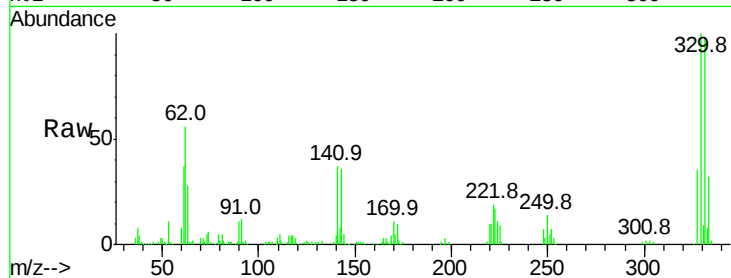




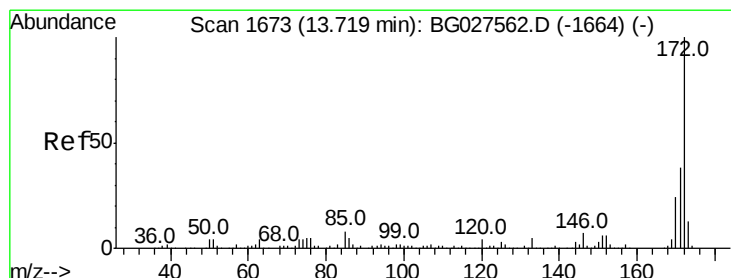
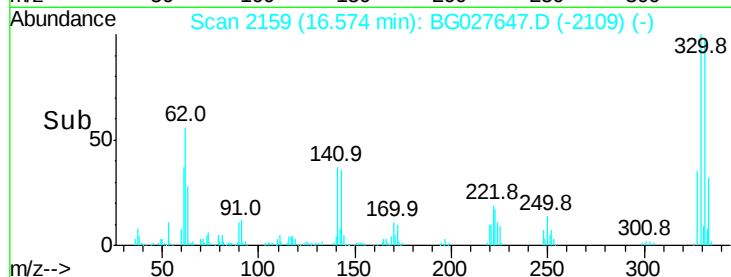
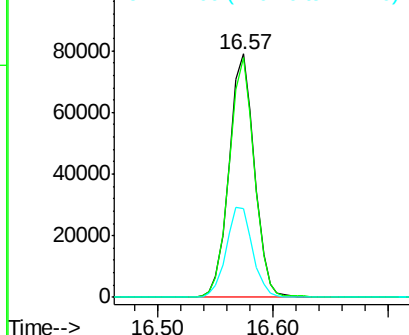
#41
 2,4,6-Tribromophenol
 Concen: 139.30 ng
 RT: 16.57 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG027647.D
 Acq: 24 Jun 2017 1:50

Instrument :
 BNA_G
 ClientSampled :
 MW-104D

Tot Ion:330 Resp: 120156
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.3 115.9
 141 38.4 32.1 48.1

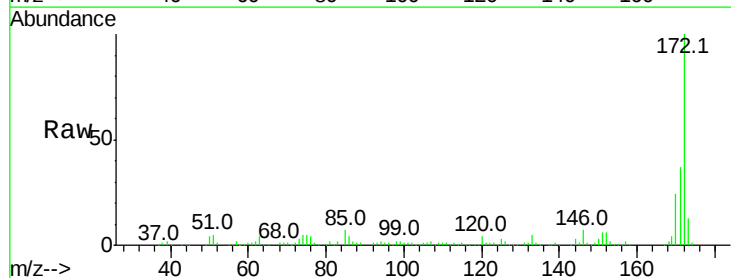


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

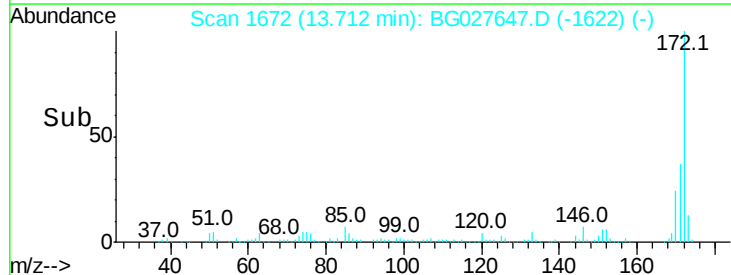
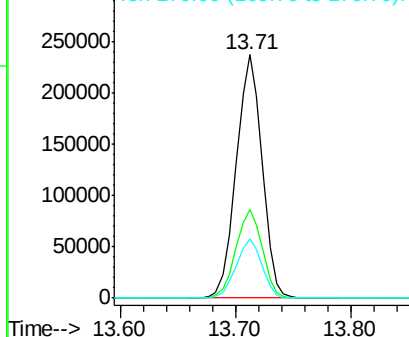


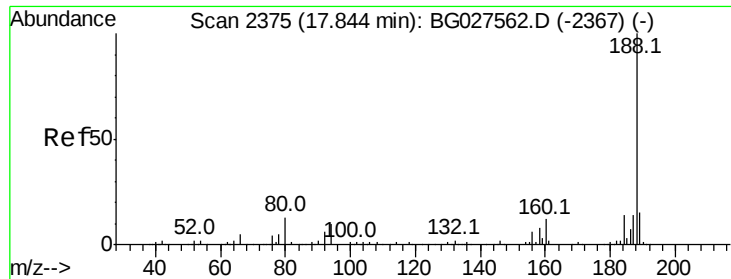
#44
 2-Fluorobiphenyl
 Concen: 86.37 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027647.D
 Acq: 24 Jun 2017 1:50

Tgt Ion:172 Resp: 365832
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

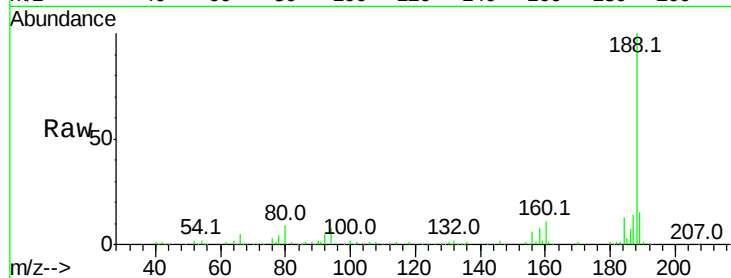




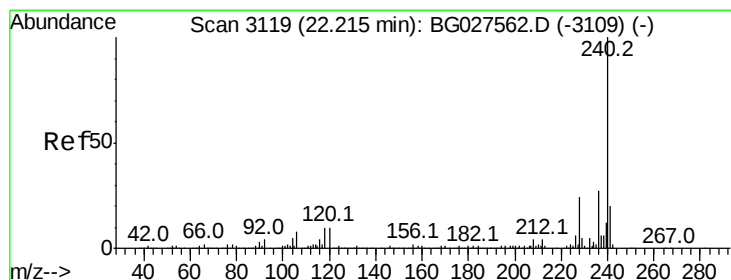
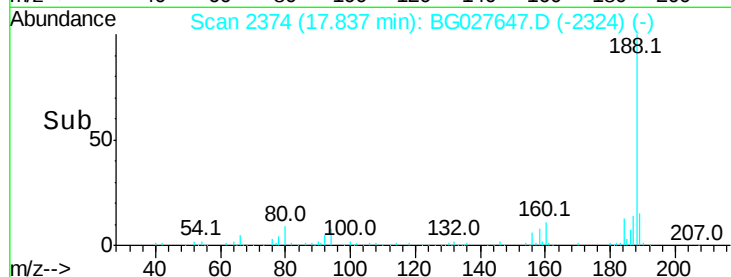
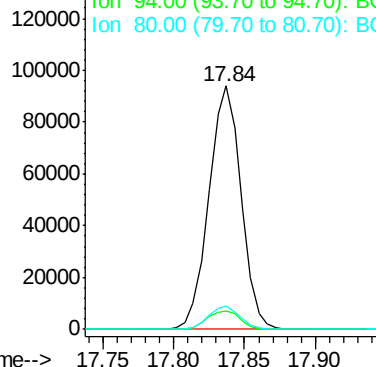
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027647.D
Acq: 24 Jun 2017 1:50

Instrument :
BNA_G
ClientSampleId :
MW-104D

Tot Ion	188	Ratio	Lower	Upper
188	100			
94	7.6	5.8	8.8	
80	9.4	7.5	11.3	

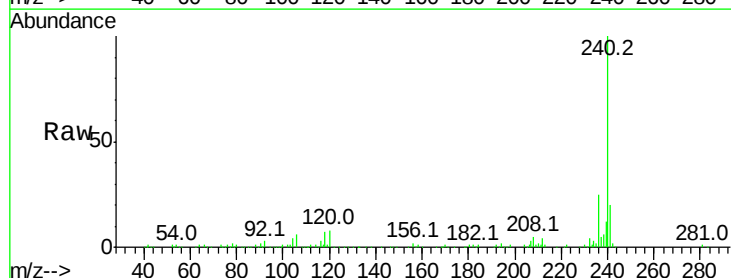


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

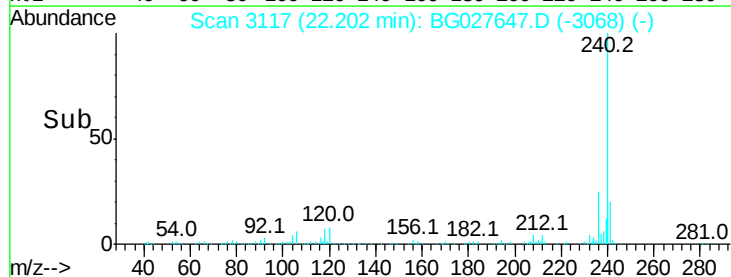
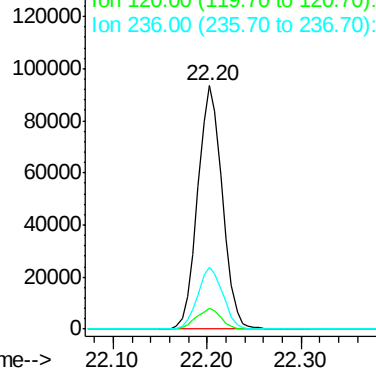


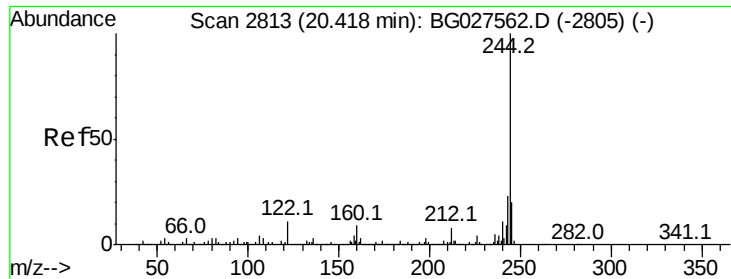
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027647.D
Acq: 24 Jun 2017 1:50

Tgt Ion	240	Ratio	Lower	Upper
240	100			
120	8.5	5.7	8.5	
236	25.4	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: 95.18 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027647.D

Acq: 24 Jun 2017 1:50

Instrument :

BNA_G

ClientSampleId :

MW-104D

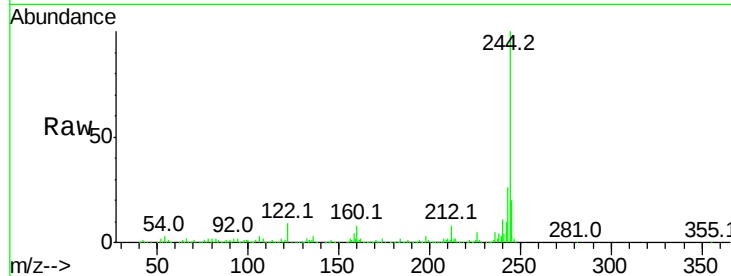
Tot Ion:244 Resp: 685161

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

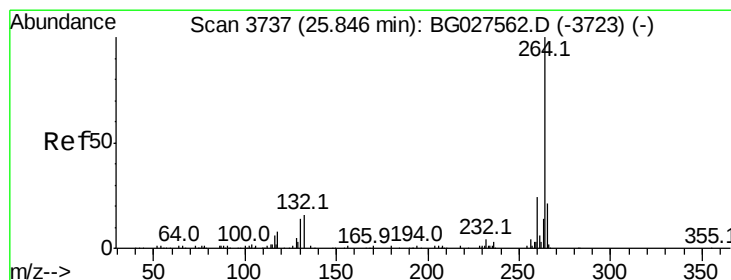
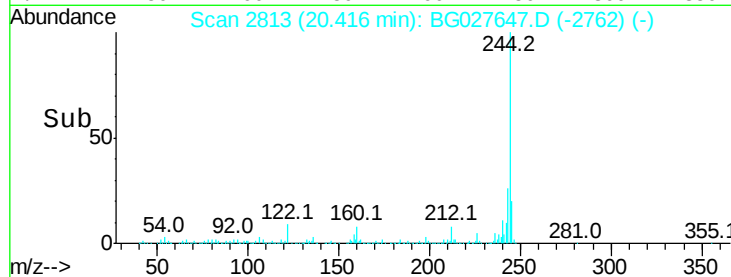
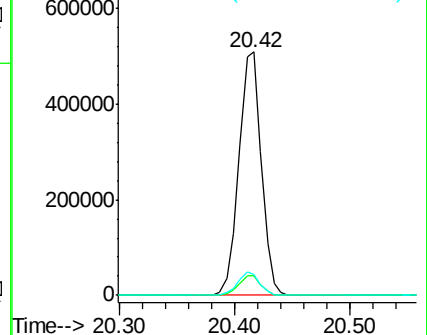
122 8.8 8.6 12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.84 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG027647.D

Acq: 24 Jun 2017 1:50

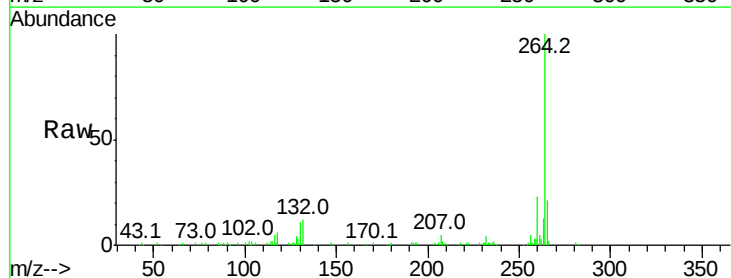
Tgt Ion:264 Resp: 162182

Ion Ratio Lower Upper

264 100

260 22.9 21.8 32.8

265 21.2 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

