

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG062217\
 Data File : BG027597.D
 Acq On : 22 Jun 2017 15:36
 Operator : SJ/JU
 Sample : PB99872BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99872BL

Quant Time: Jun 23 02:08:08 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	19907	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	88122	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	55644	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	168330	20.00	ng	0.00
75) Chrysene-d12	22.20	240	188357	20.00	ng	-0.01
86) Perylene-d12	25.84	264	180946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	181352	129.65	ng	0.00
7) Phenol-d6	7.64	99	246133	118.87	ng	0.00
23) Nitrobenzene-d5	9.67	82	156804	84.20	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	127835	154.10	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	350004	85.92	ng	0.00
78) Terphenyl-d14	20.42	244	756279	94.60	ng	0.00

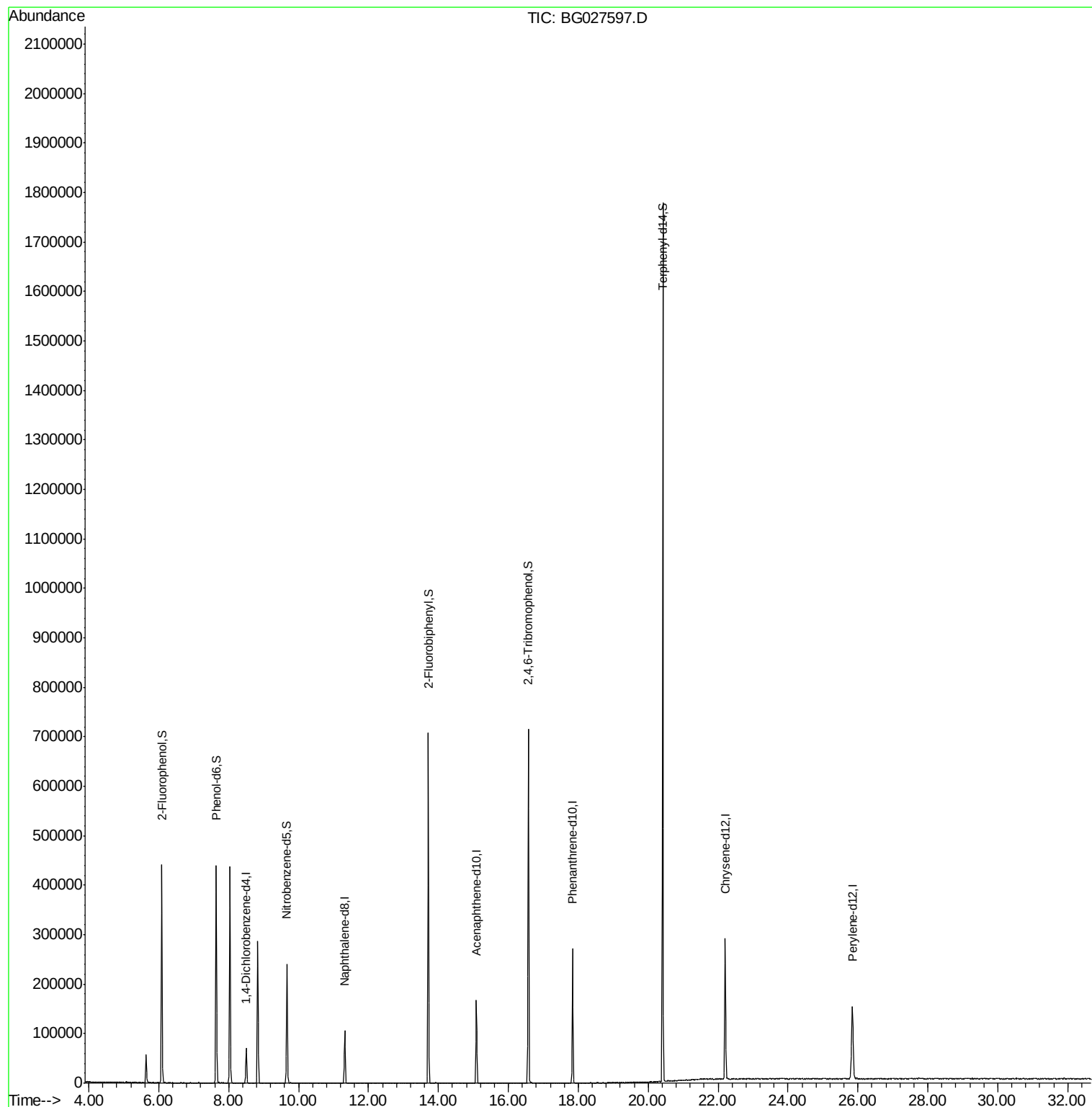
Target Compounds Qvalue

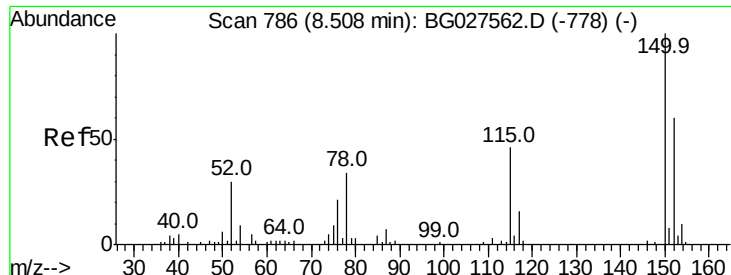
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG027597.D

Acq: 22 Jun 2017 15:36

Instrument :

BNA_G

ClientSampleId :

PB99872BL

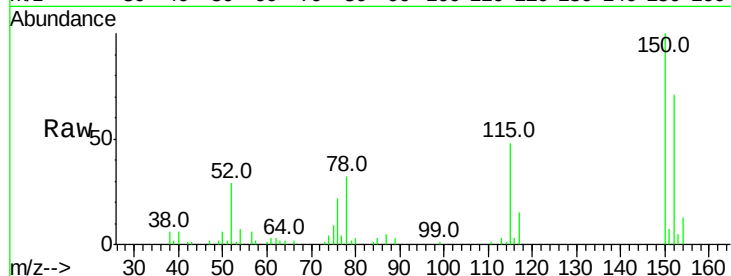
Tot Ion:152 Resp: 19907

Ion Ratio Lower Upper

152 100

150 140.0 114.0 171.0

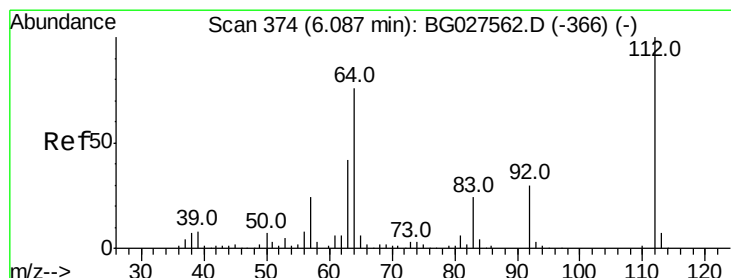
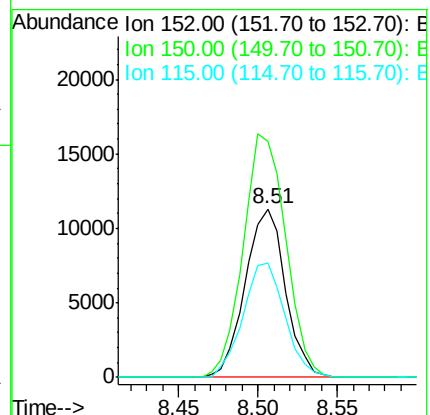
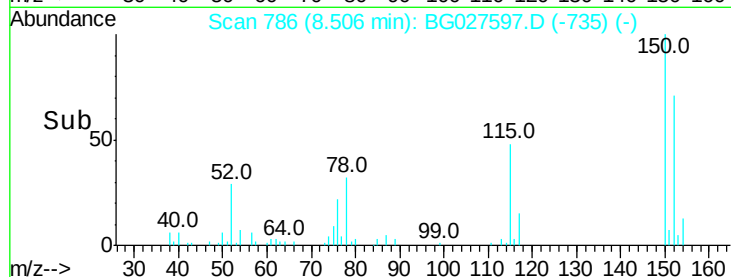
115 67.9 48.1 72.1



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: 129.65 ng

RT: 6.09 min Scan# 374

Delta R.T. -0.00 min

Lab File: BG027597.D

Acq: 22 Jun 2017 15:36

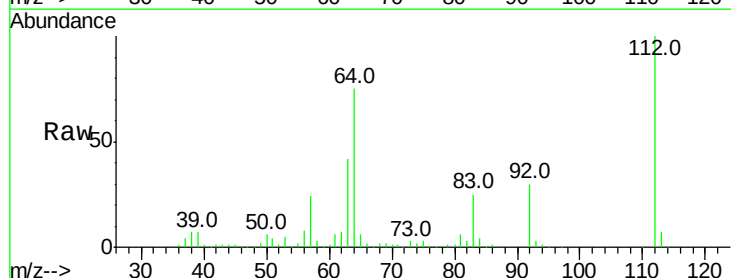
Tgt Ion:112 Resp: 181352

Ion Ratio Lower Upper

112 100

64 74.6 61.8 92.6

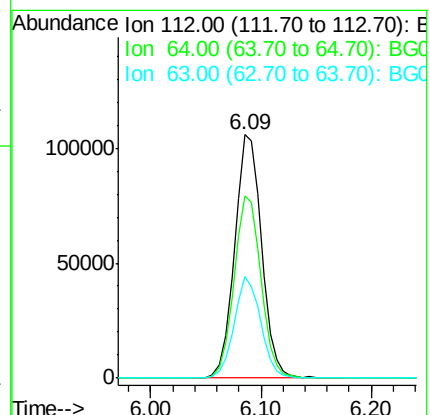
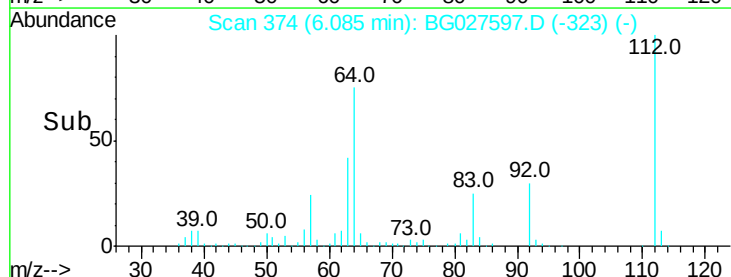
63 41.9 37.2 55.8

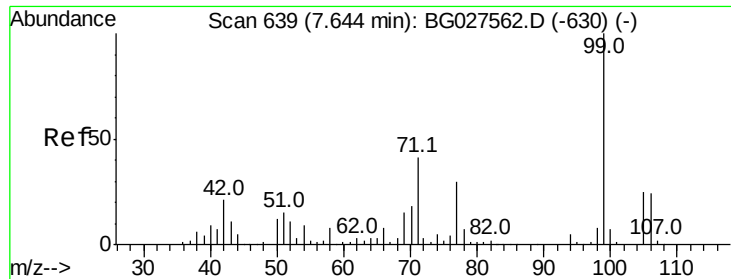


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 118.87 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027597.D

Acq: 22 Jun 2017 15:36

Instrument :

BNA_G

ClientSampleId :

PB99872BL

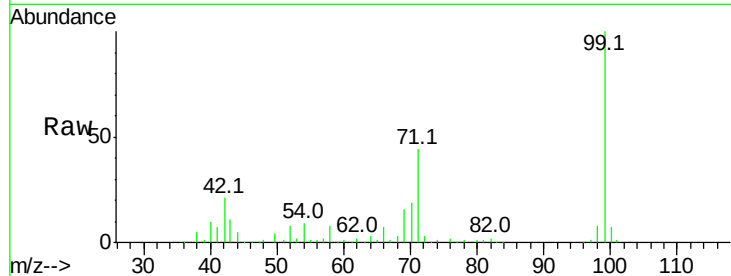
Tot Ion: 99 Resp: 246133

Ion Ratio Lower Upper

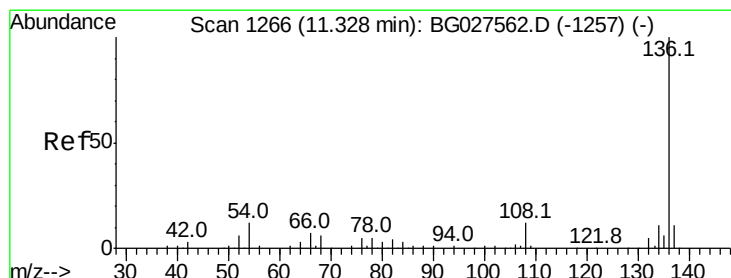
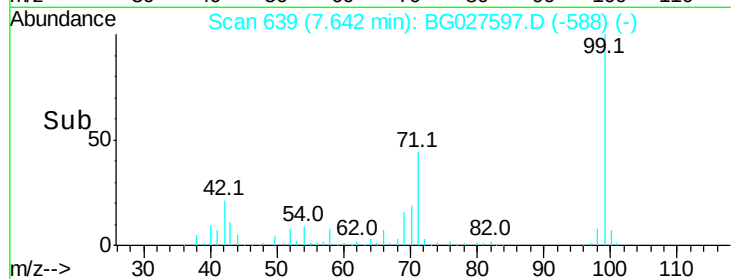
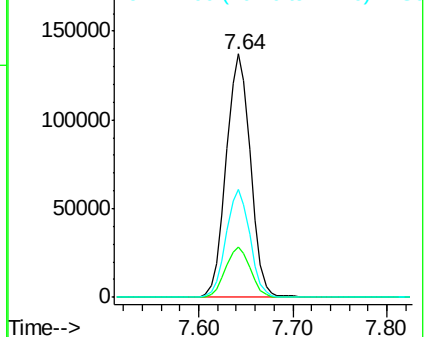
99 100

42 20.9 20.5 30.7

71 44.1 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: BG027597.D

Acq: 22 Jun 2017 15:36

Tgt Ion: 136 Resp: 88122

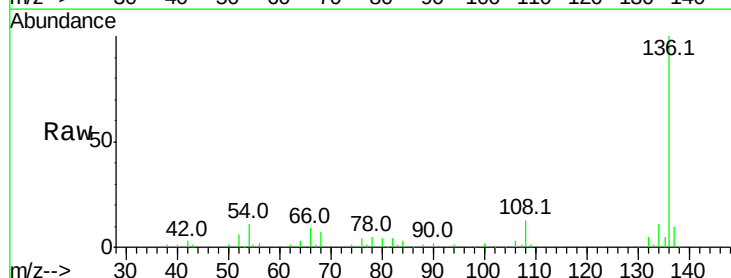
Ion Ratio Lower Upper

136 100

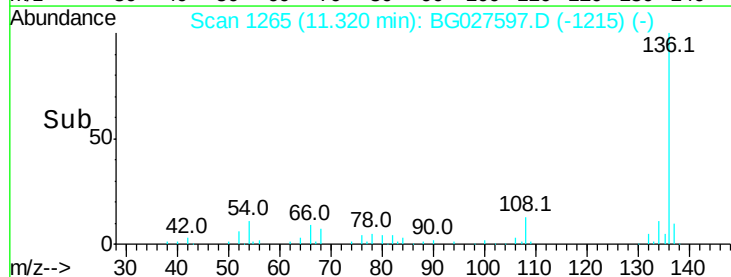
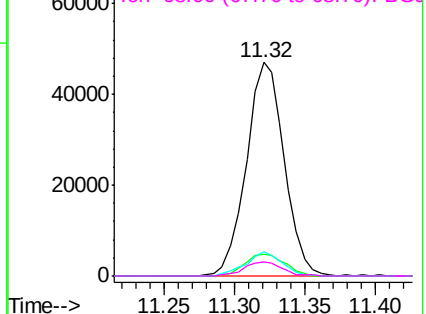
137 10.4 8.9 13.3

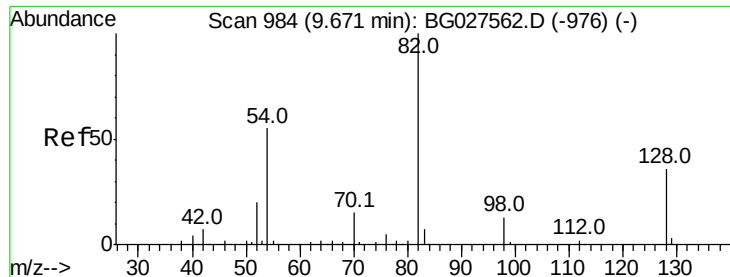
54 11.2 9.3 13.9

68 6.6 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

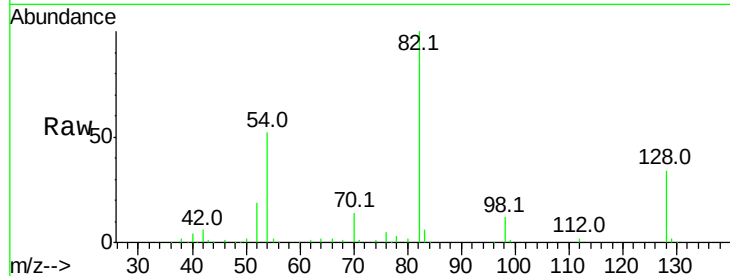




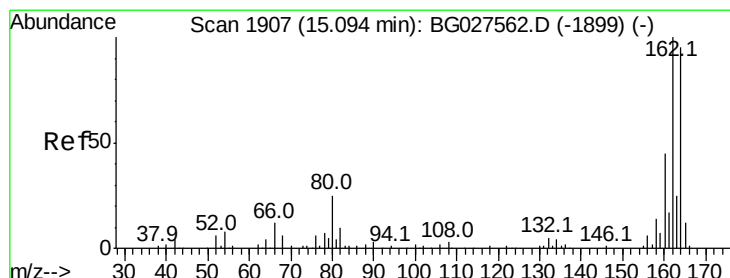
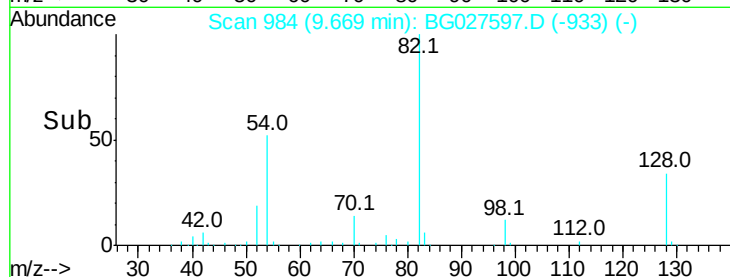
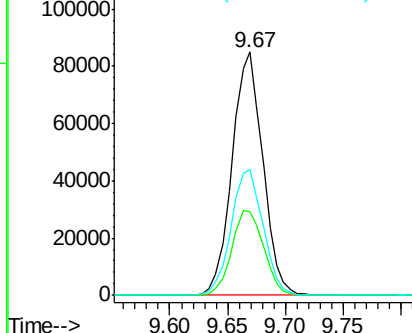
#23
Nitrobenzene-d5
Concen: 84.20 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027597.D
Acq: 22 Jun 2017 15:36

Instrument :
BNA_G
ClientSampled :
PB99872BL

Tot Ion: 82 Resp: 156804
Ion Ratio Lower Upper
82 100
128 34.5 26.4 39.6
54 51.9 49.4 74.2

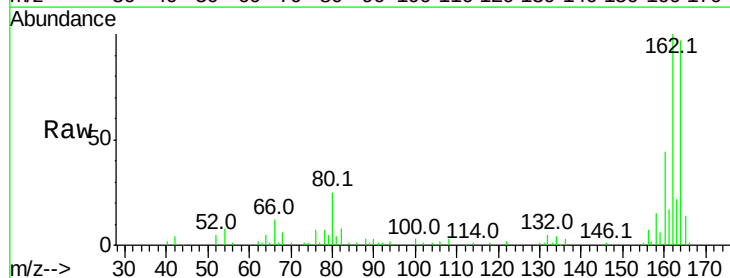


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

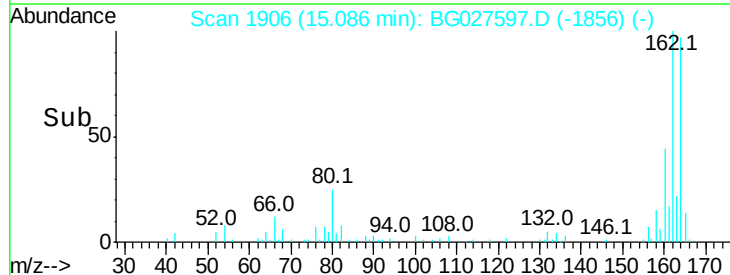
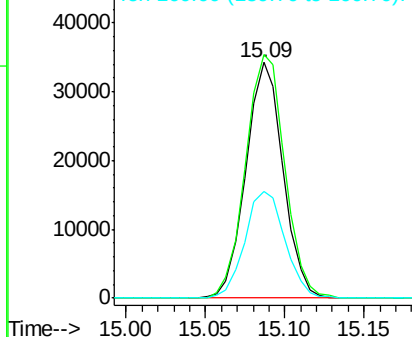


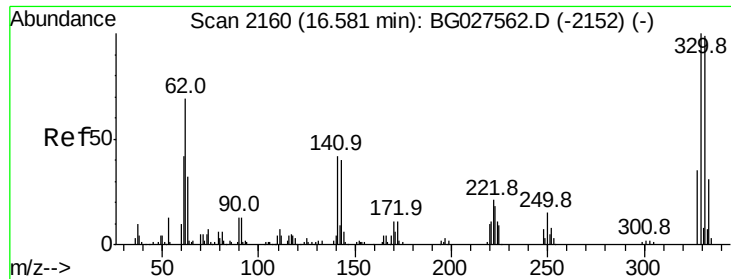
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027597.D
Acq: 22 Jun 2017 15:36

Tgt Ion:164 Resp: 55644
Ion Ratio Lower Upper
164 100
162 103.4 85.1 127.7
160 45.5 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: 154.10 ng

RT: 16.57 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG027597.D

Acq: 22 Jun 2017 15:36

Instrument :

BNA_G

ClientSampleId :

PB99872BL

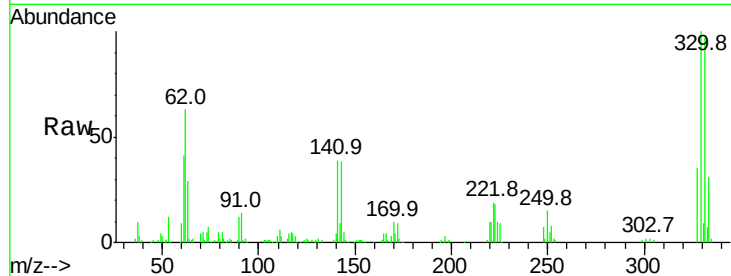
Tot Ion:330 Resp: 127835

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

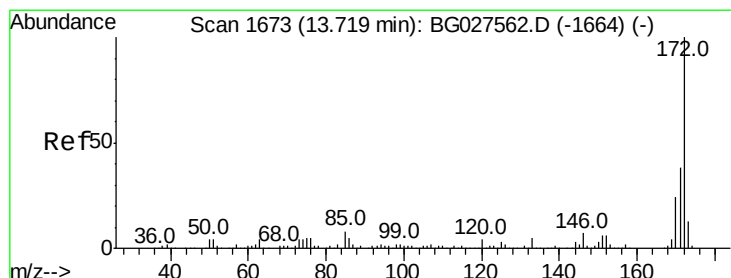
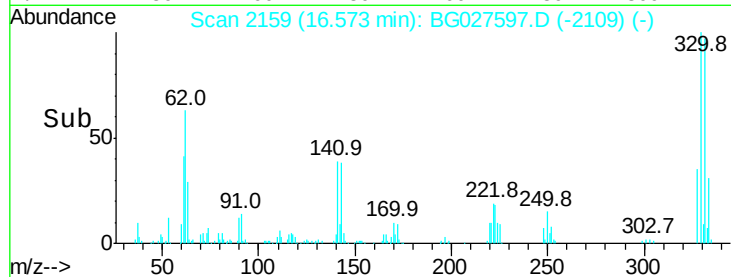
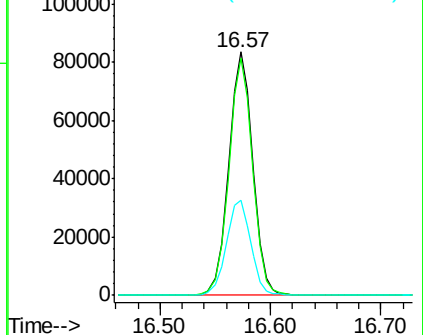
141 39.6 32.1 48.1



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: 85.92 ng

RT: 13.71 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG027597.D

Acq: 22 Jun 2017 15:36

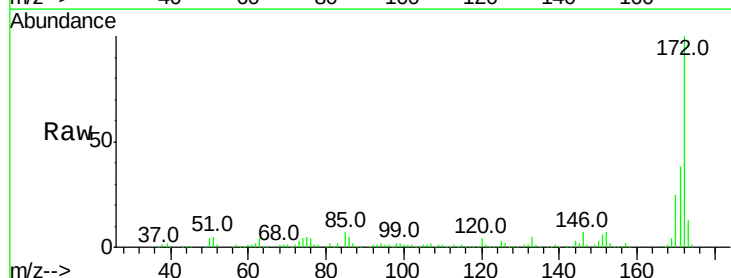
Tgt Ion:172 Resp: 350004

Ion Ratio Lower Upper

172 100

171 37.5 32.2 48.2

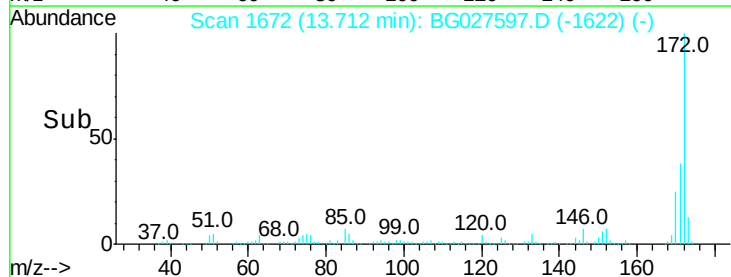
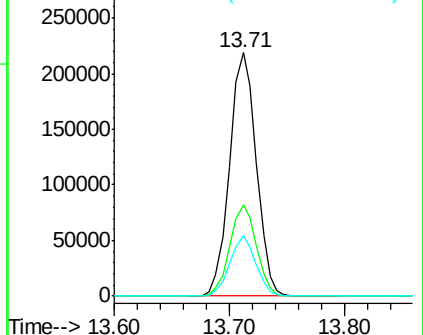
170 25.0 21.8 32.6

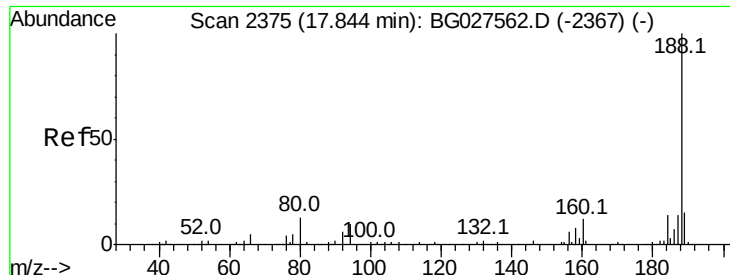


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

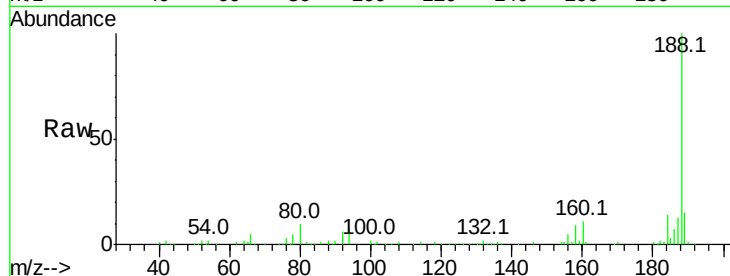




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.84 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG027597.D
 Acq: 22 Jun 2017 15:36

Instrument :
 BNA_G
 ClientSampleId :
 PB99872BL

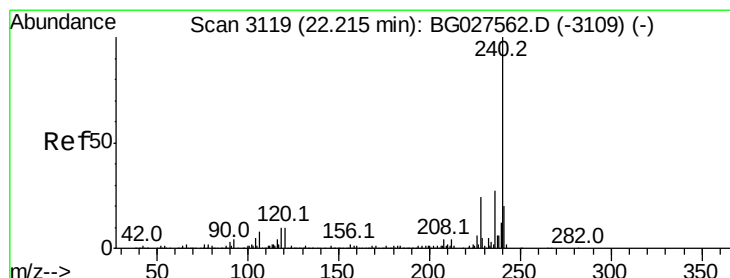
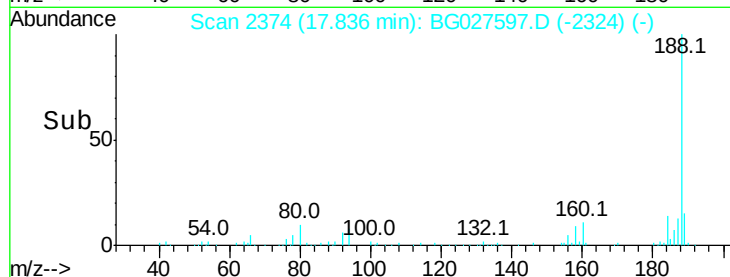
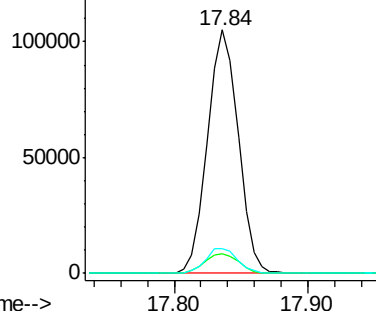
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.8	8.8
80	9.9	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): E

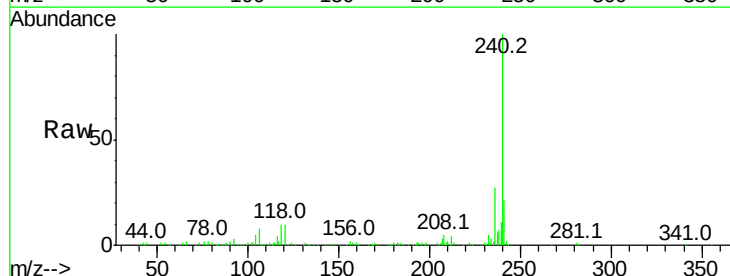
Ion 94.00 (93.70 to 94.70): BGC

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: BG027597.D
 Acq: 22 Jun 2017 15:36

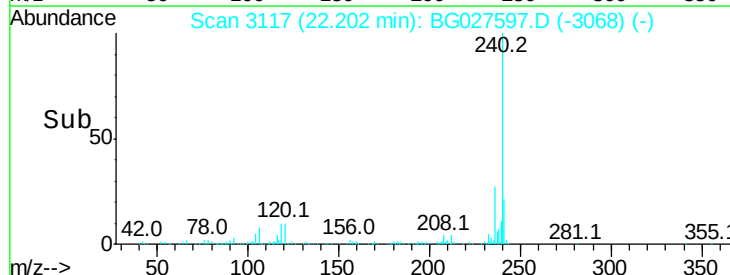
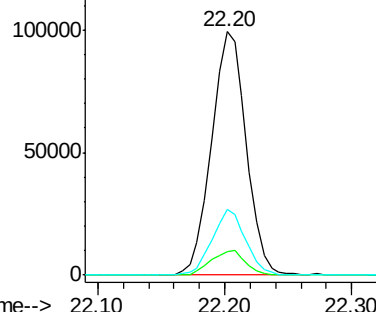
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.7	8.5#
236	26.8	22.2	33.4

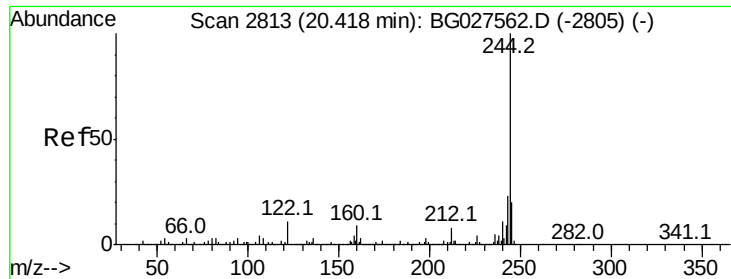


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.60 ng

RT: 20.42 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG027597.D

Acq: 22 Jun 2017 15:36

Instrument :

BNA_G

ClientSampleId :

PB99872BL

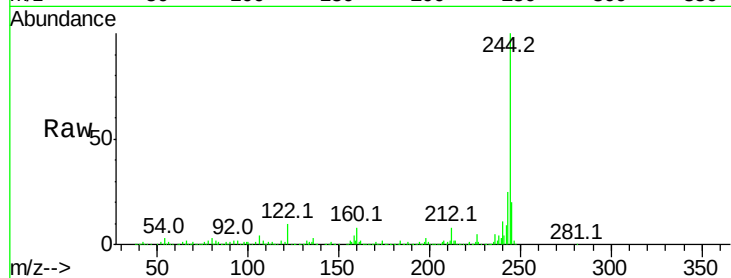
Tot Ion:244 Resp: 756279

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

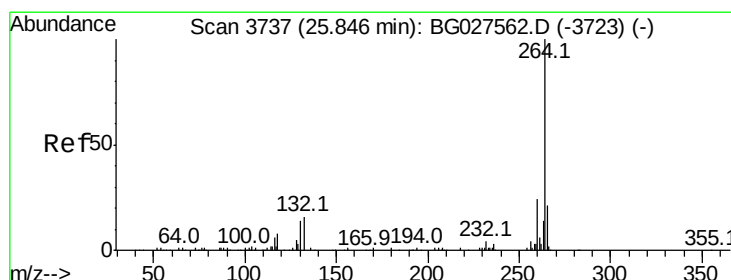
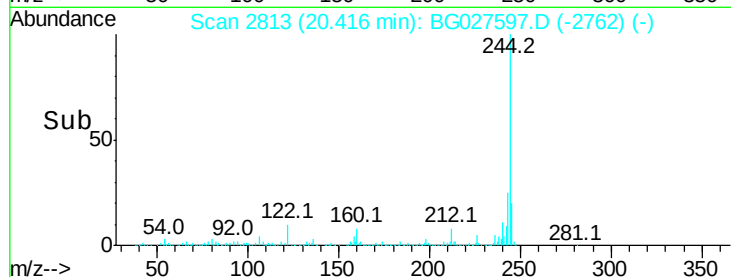
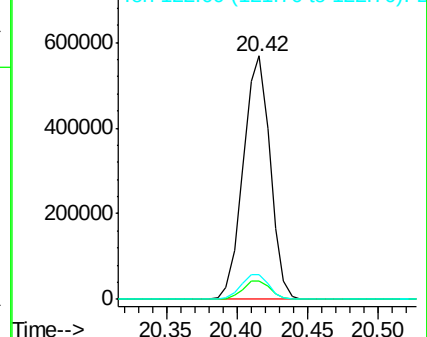
122 10.0 8.6 12.8



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: BG027597.D

Acq: 22 Jun 2017 15:36

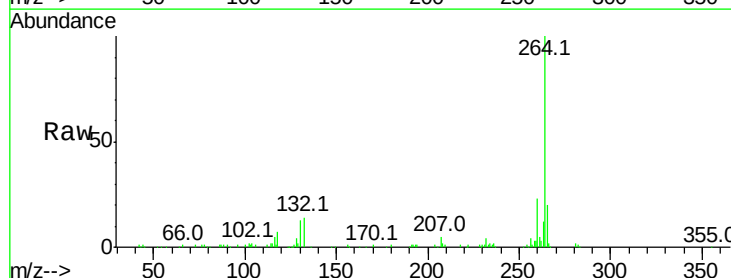
Tgt Ion:264 Resp: 180946

Ion Ratio Lower Upper

264 100

260 23.1 21.8 32.8

265 19.5 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

