

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
 Data File : BG027637.D
 Acq On : 23 Jun 2017 19:11
 Operator : SJ/JU
 Sample : PB100074TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100074TB

Quant Time: Jun 24 01:25:00 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	8.50	152	16538	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	74521	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	47270	20.00	ng	0.00
63) Phenanthrene-d10	17.83	188	142885	20.00	ng	-0.01
75) Chrysene-d12	22.20	240	159617	20.00	ng	-0.01
86) Perylene-d12	25.84	264	150647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	151993	130.80	ng	0.00
7) Phenol-d6	7.65	99	202631	117.79	ng	0.00
23) Nitrobenzene-d5	9.67	82	129971	82.53	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	114355	162.27	ng	-0.01
44) 2-Fluorobiphenyl	13.71	172	308343	89.10	ng	0.00
78) Terphenyl-d14	20.41	244	677807	100.05	ng	0.00

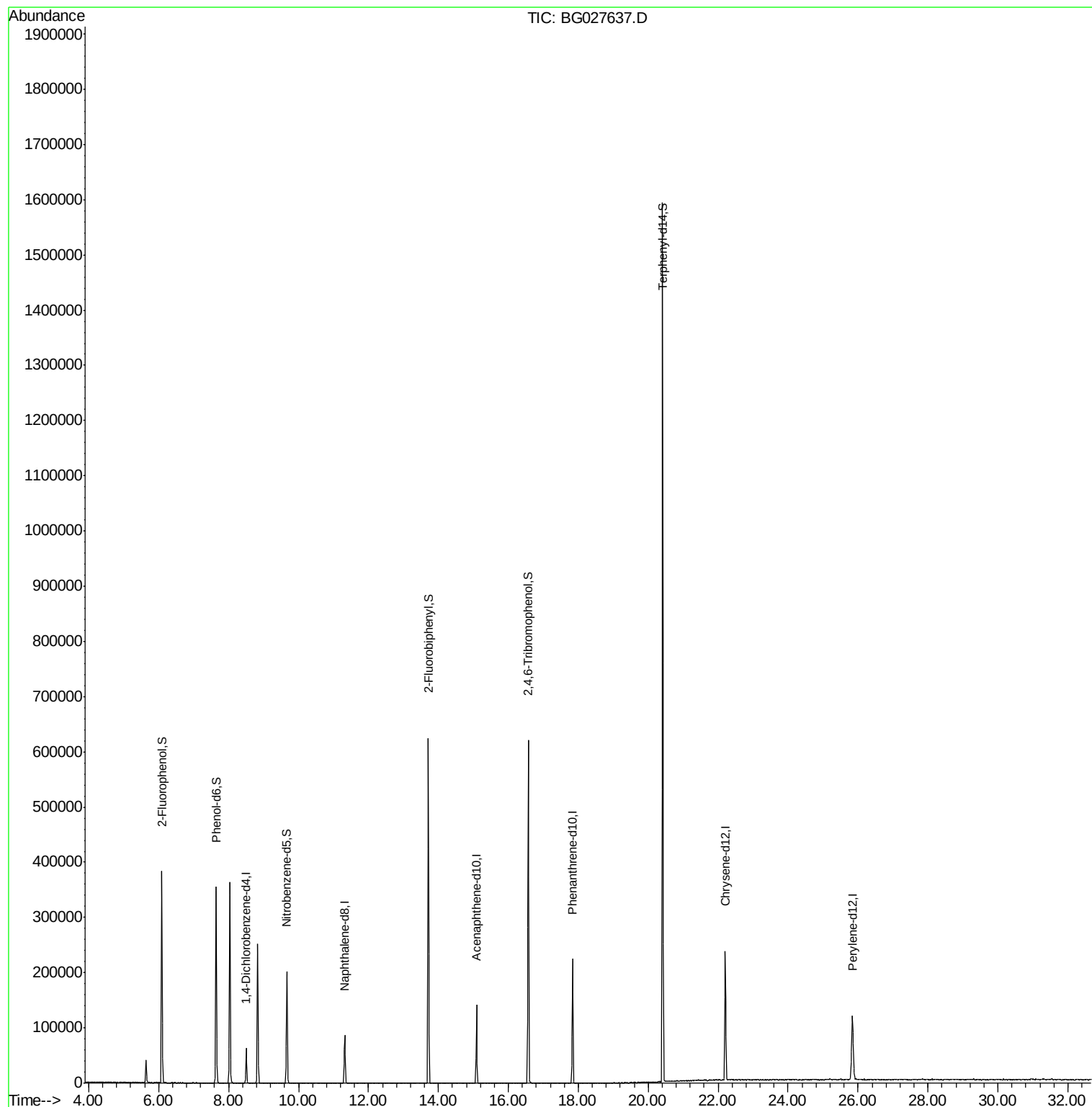
Target Compounds Qvalue

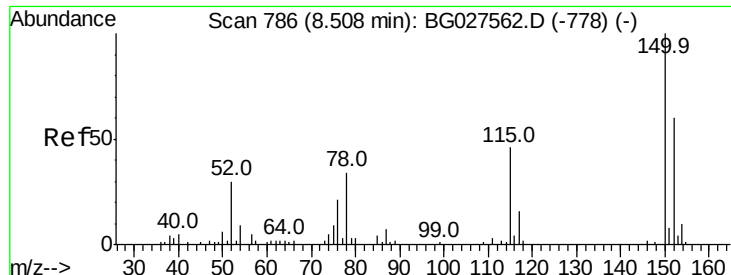
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG027637.D

Acq: 23 Jun 2017 19:11

Instrument :

BNA_G

ClientSampleId :

PB100074TB

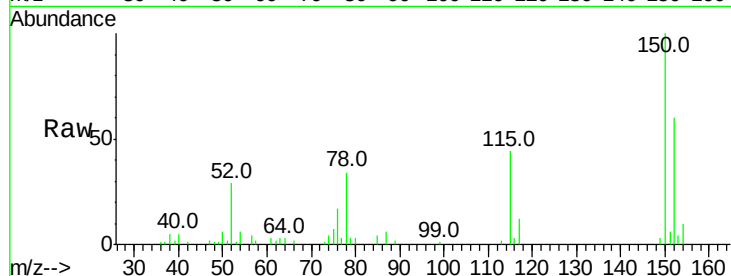
Tot Ion:152 Resp: 16538

Ion Ratio Lower Upper

152 100

150 167.1 114.0 171.0

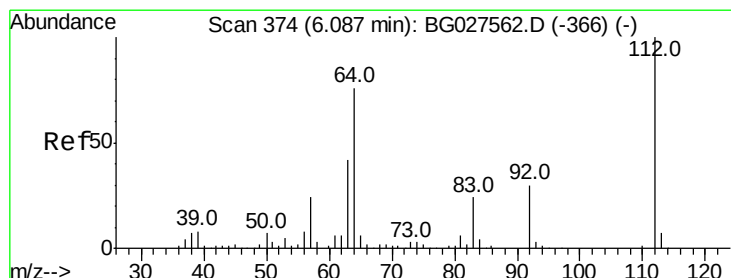
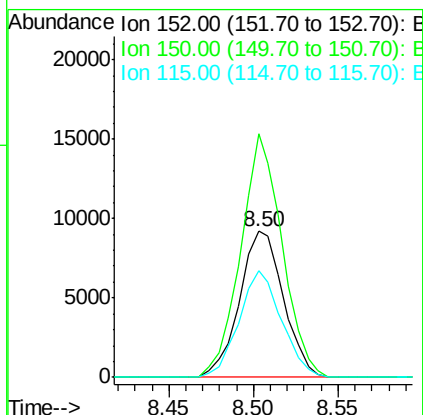
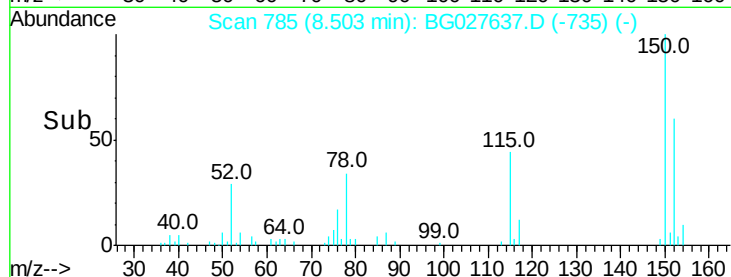
115 73.4 48.1 72.1#



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: 130.80 ng

RT: 6.09 min Scan# 374

Delta R.T. 0.00 min

Lab File: BG027637.D

Acq: 23 Jun 2017 19:11

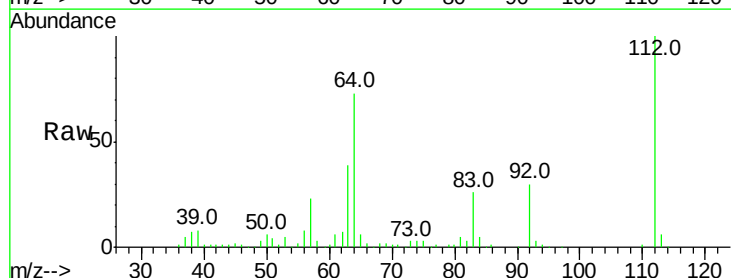
Tgt Ion:112 Resp: 151993

Ion Ratio Lower Upper

112 100

64 73.0 61.8 92.6

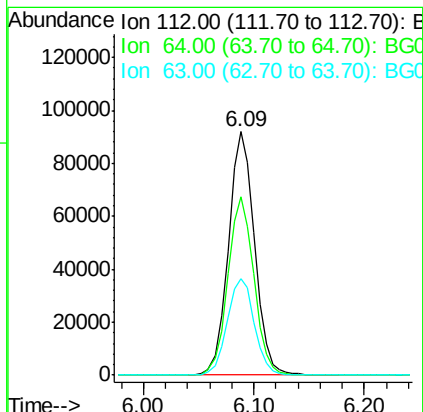
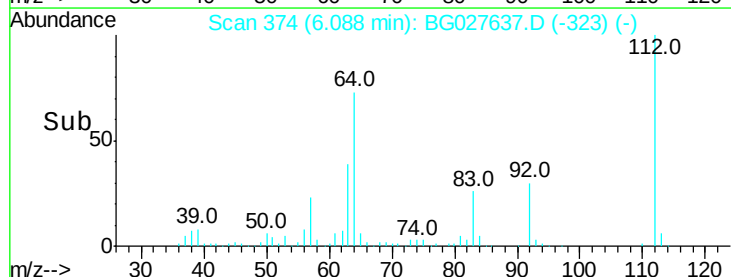
63 39.4 37.2 55.8

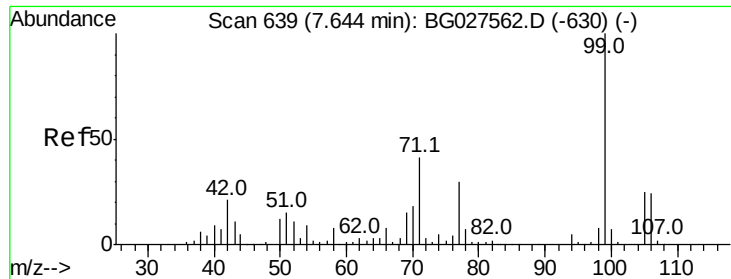


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 117.79 ng

RT: 7.65 min Scan# 639

Delta R.T. 0.00 min

Lab File: BG027637.D

Acq: 23 Jun 2017 19:11

Instrument :

BNA_G

ClientSampleId :

PB100074TB

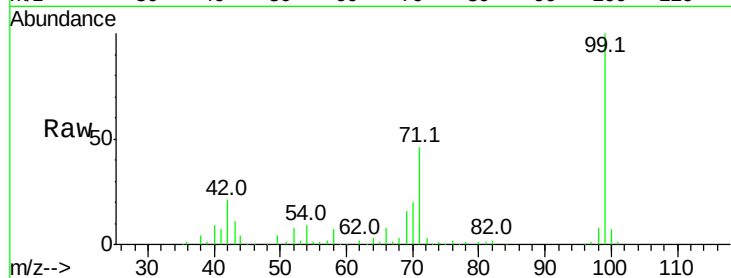
Tot Ion: 99 Resp: 202631

Ion Ratio Lower Upper

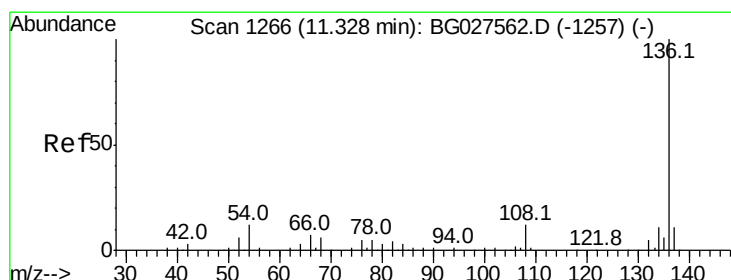
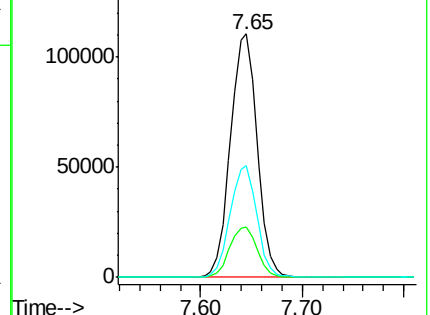
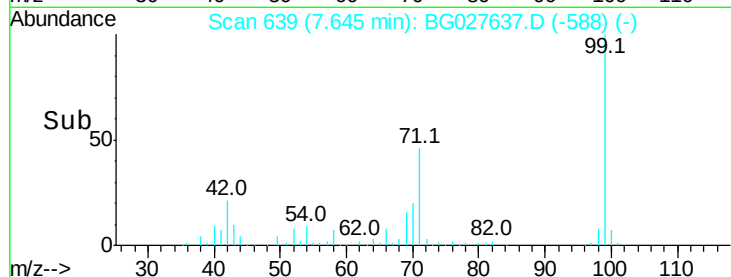
99 100

42 20.8 20.5 30.7

71 45.8 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: BG027637.D

Acq: 23 Jun 2017 19:11

Tgt Ion: 136 Resp: 74521

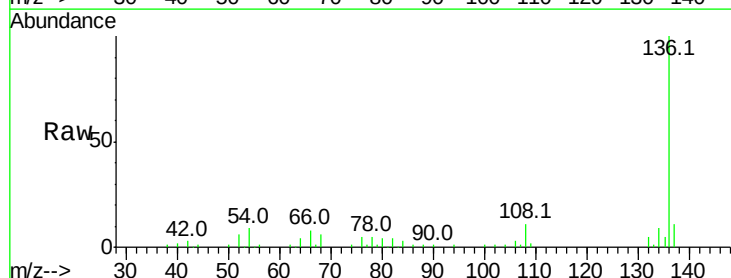
Ion Ratio Lower Upper

136 100

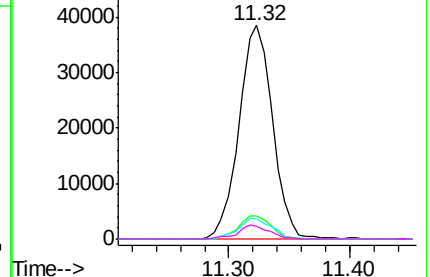
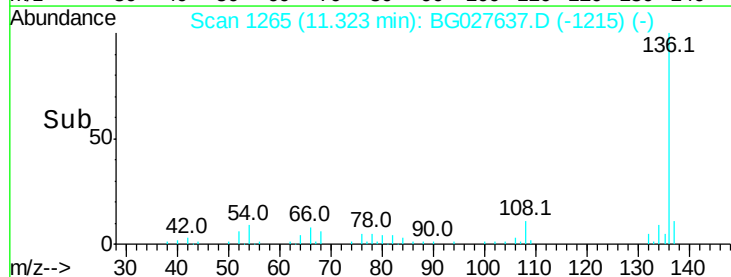
137 10.9 8.9 13.3

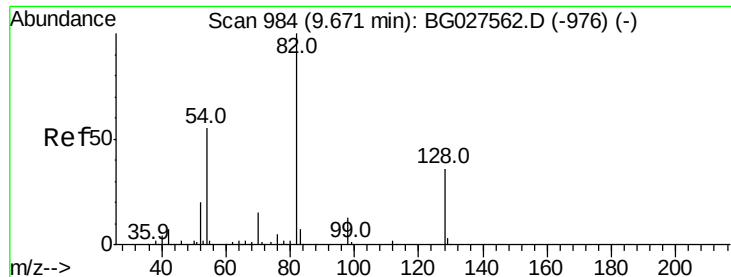
54 9.3 9.3 13.9

68 6.0 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: 82.53 ng

RT: 9.67 min Scan# 983

Delta R.T. -0.01 min

Lab File: BG027637.D

Acq: 23 Jun 2017 19:11

Instrument :

BNA_G

ClientSampleId :

PB100074TB

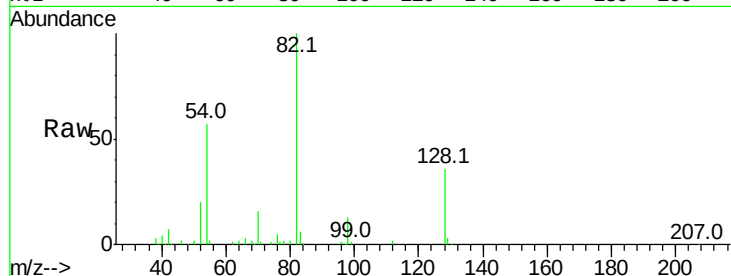
Tot Ion: 82 Resp: 129971

Ion Ratio Lower Upper

82 100

128 36.1 26.4 39.6

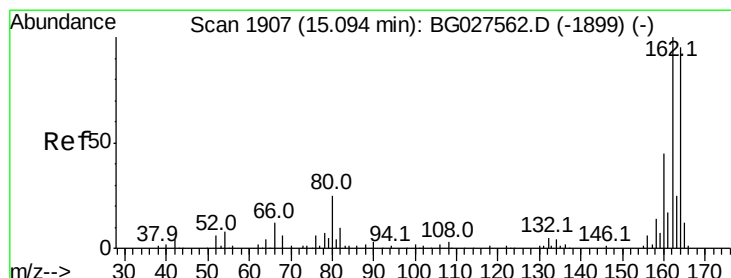
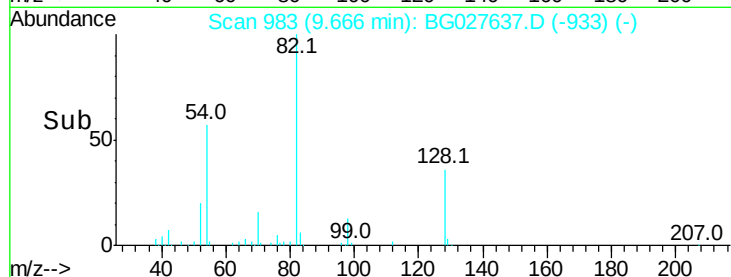
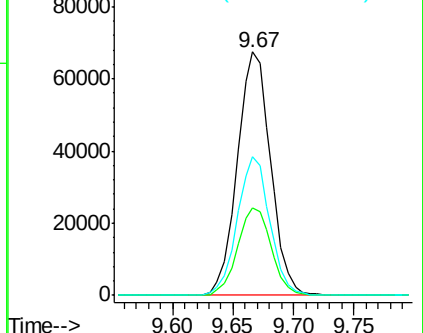
54 56.7 49.4 74.2



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: BG027637.D

Acq: 23 Jun 2017 19:11

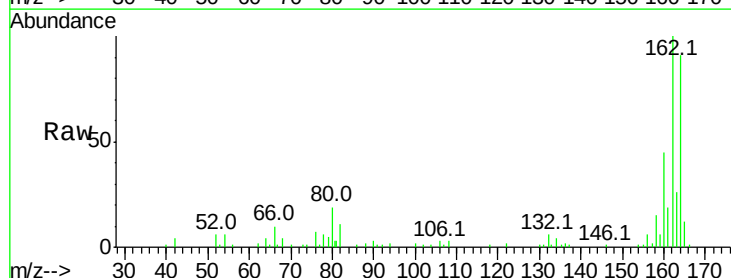
Tgt Ion: 164 Resp: 47270

Ion Ratio Lower Upper

164 100

162 110.3 85.1 127.7

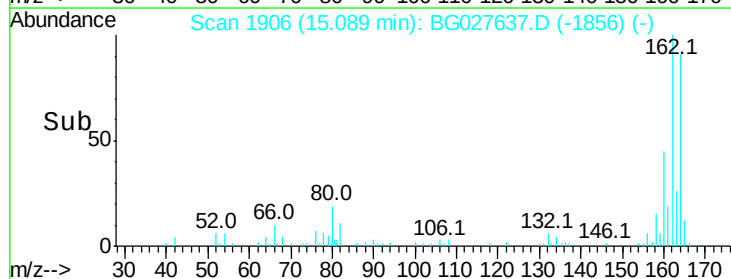
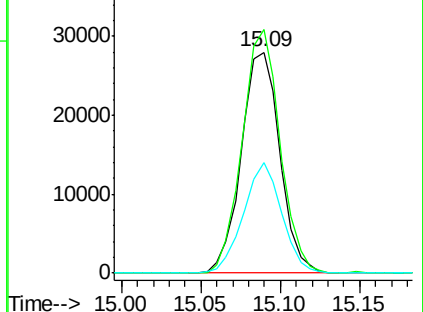
160 49.8 34.7 52.1

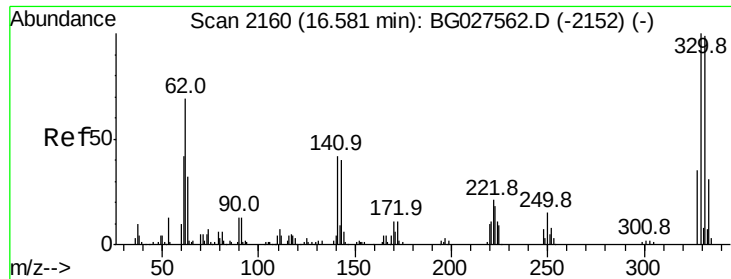


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

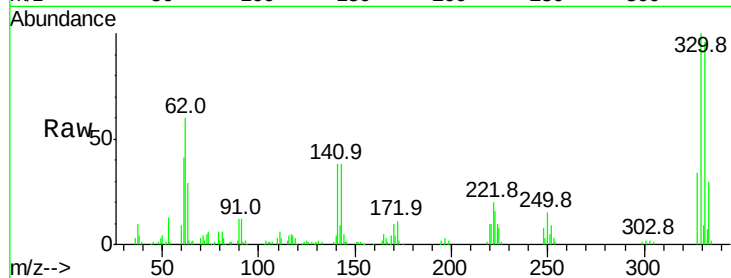




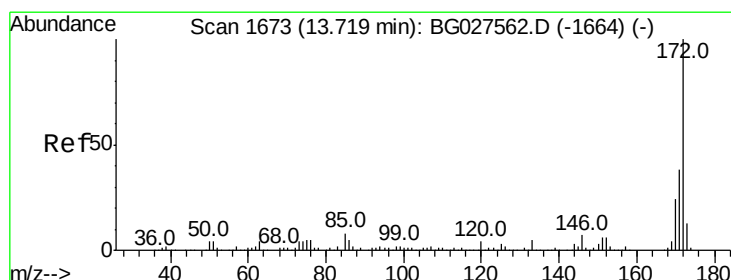
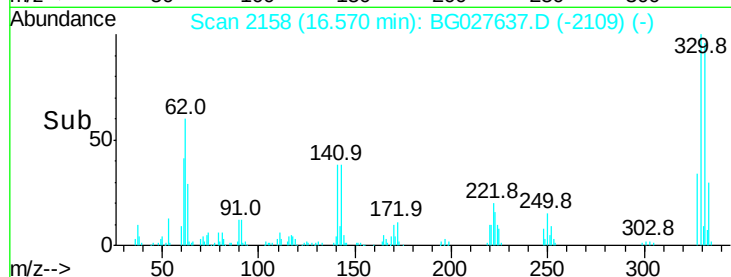
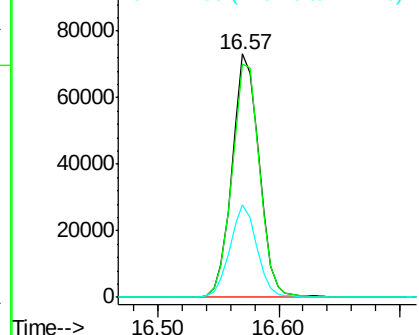
#41
 2,4,6-Tribromophenol
 Concen: 162.27 ng
 RT: 16.57 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG027637.D
 Acq: 23 Jun 2017 19:11

Instrument :
 BNA_G
 ClientSampleID :
 PB100074TB

Tot Ion:330 Resp: 114355
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.3 115.9
 141 37.5 32.1 48.1

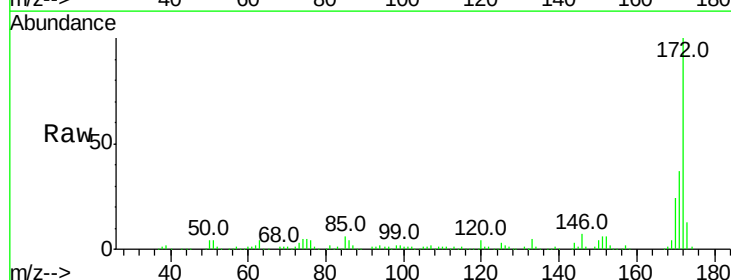


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

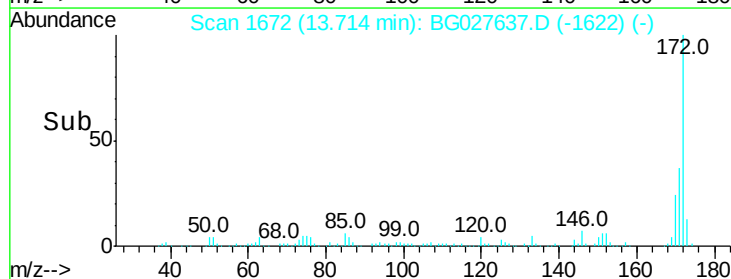
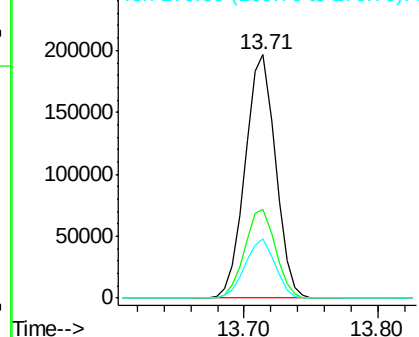


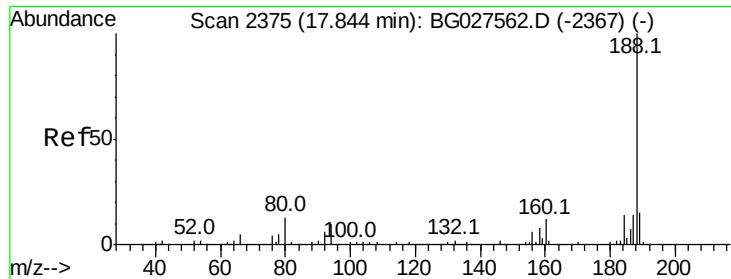
#44
 2-Fluorobiphenyl
 Concen: 89.10 ng
 RT: 13.71 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG027637.D
 Acq: 23 Jun 2017 19:11

Tgt Ion:172 Resp: 308343
 Ion Ratio Lower Upper
 172 100
 171 36.7 32.2 48.2
 170 24.2 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

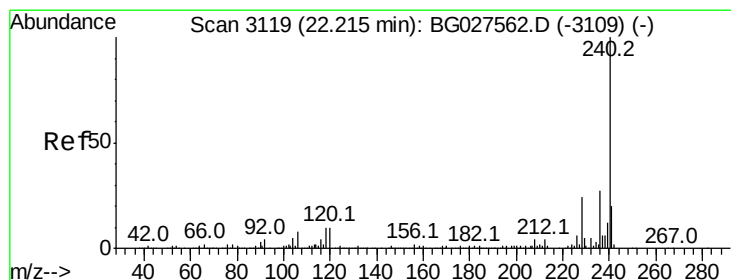
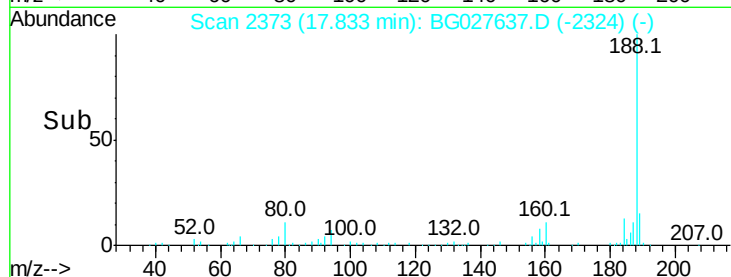
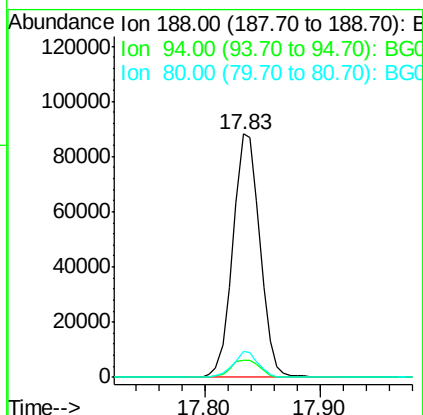
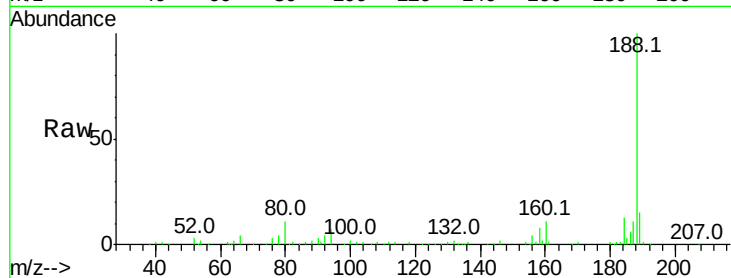




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.83 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BG027637.D
 Acq: 23 Jun 2017 19:11

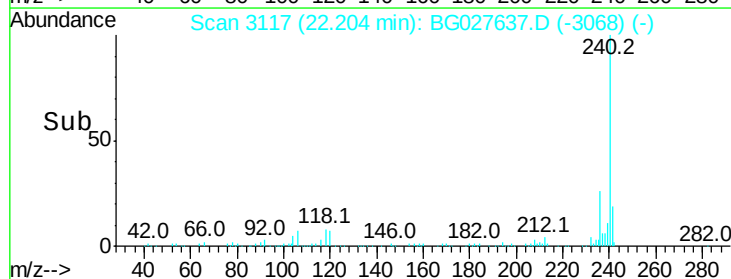
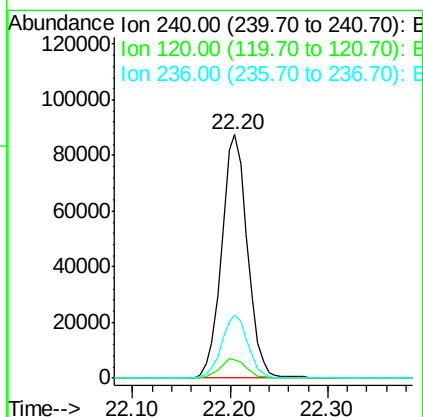
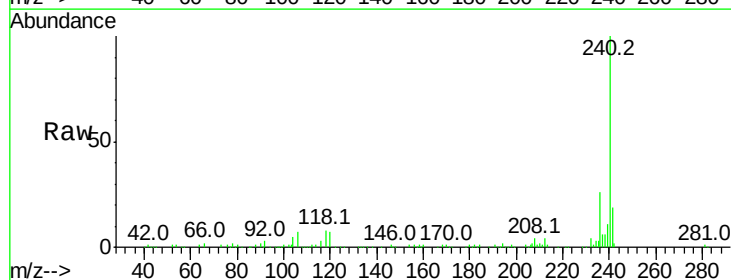
Instrument :
 BNA_G
 ClientSampleId :
 PB100074TB

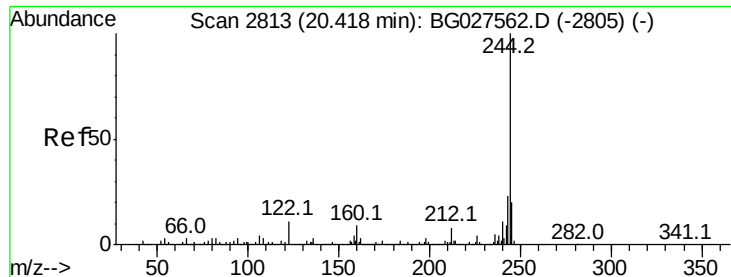
Tot Ion:188 Resp: 142885
 Ion Ratio Lower Upper
 188 100
 94 7.1 5.8 8.8
 80 10.9 7.5 11.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.20 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG027637.D
 Acq: 23 Jun 2017 19:11

Tgt Ion:240 Resp: 159617
 Ion Ratio Lower Upper
 240 100
 120 7.5 5.7 8.5
 236 26.1 22.2 33.4





#78

Terphenyl-d14

Concen: 100.05 ng

RT: 20.41 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG027637.D

Acq: 23 Jun 2017 19:11

Instrument :

BNA_G

ClientSampleId :

PB100074TB

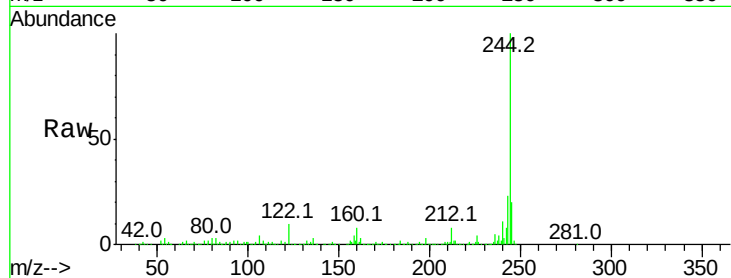
Tot Ion:244 Resp: 677807

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

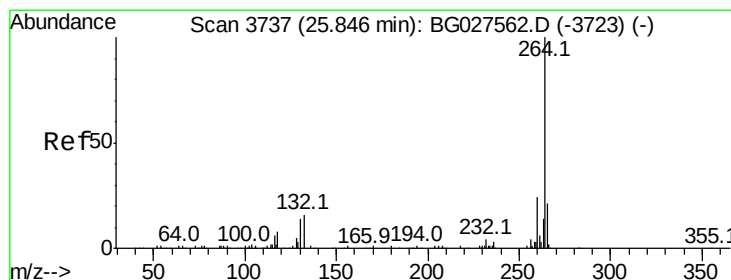
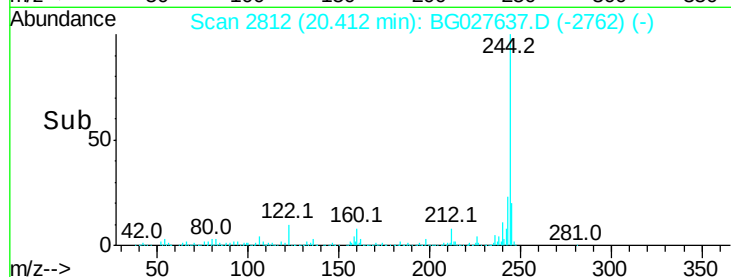
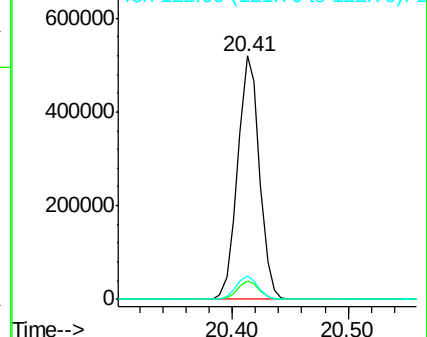
122 9.8 8.6 12.8



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: BG027637.D

Acq: 23 Jun 2017 19:11

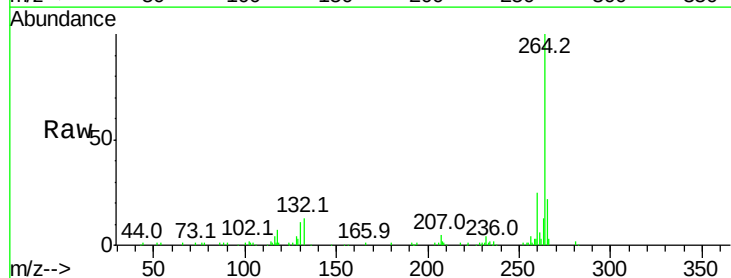
Tgt Ion:264 Resp: 150647

Ion Ratio Lower Upper

264 100

260 24.8 21.8 32.8

265 22.0 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

