

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
 Data File : BG027758.D
 Acq On : 30 Jun 2017 17:48
 Operator : SJ/JU
 Sample : PB100337TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB100337TB

Quant Time: Jul 01 00:49:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	31291	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	152693	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	94236	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	252924	20.00	ng	0.00
75) Chrysene-d12	22.18	240	265668	20.00	ng	0.00
86) Perylene-d12	25.79	264	257631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	270308	133.03	ng	0.00
7) Phenol-d6	7.62	99	375989	121.12	ng	0.00
23) Nitrobenzene-d5	9.64	82	220768	80.59	ng	0.00
41) 2,4,6-Tribromophenol	16.56	330	181132	140.14	ng	0.00
44) 2-Fluorobiphenyl	13.70	172	569784	86.35	ng	0.00
78) Terphenyl-d14	20.39	244	1064539	93.94	ng	0.00

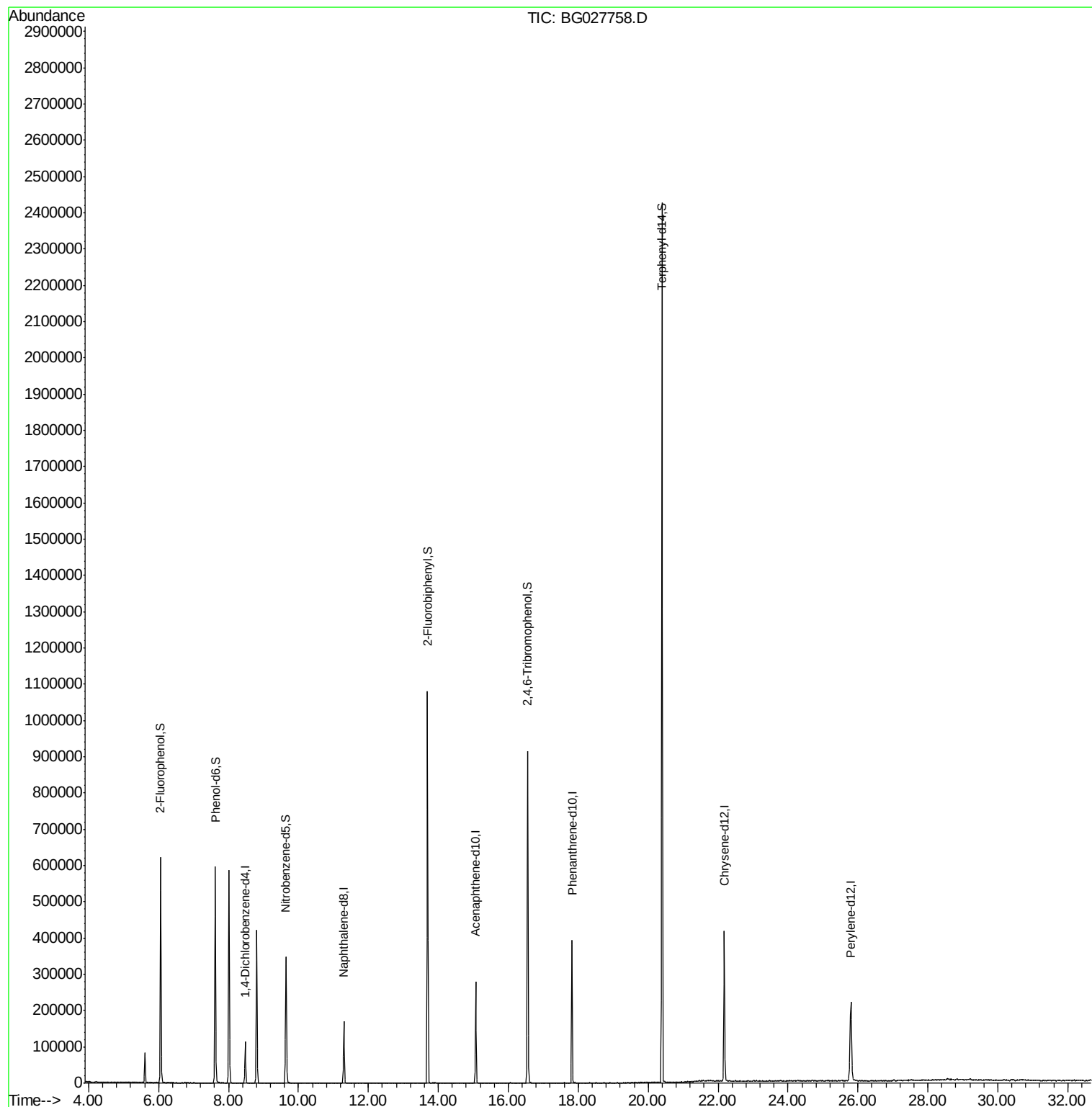
Target Compounds Qvalue

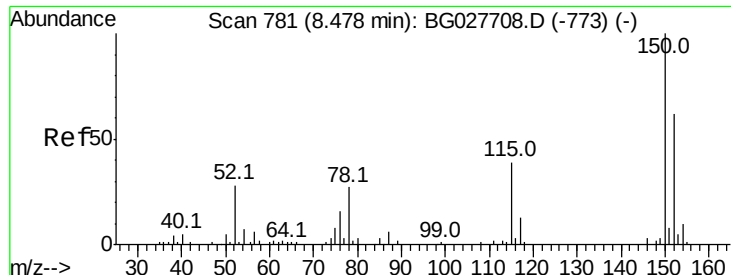
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG027758.D

Acq: 30 Jun 2017 17:48

Instrument :

BNA_G

ClientSampleId :

PB100337TB

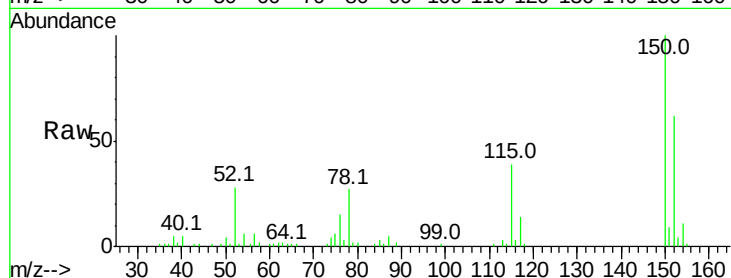
Tot Ion:152 Resp: 31291

Ion Ratio Lower Upper

152 100

150 160.2 114.0 171.0

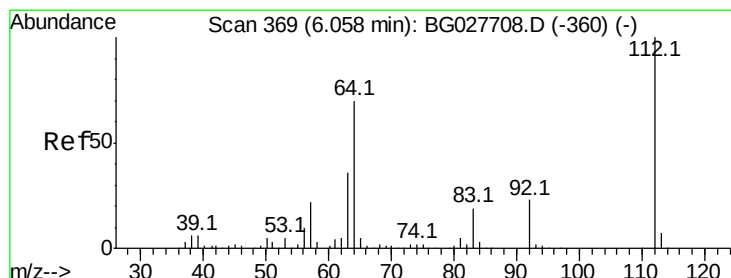
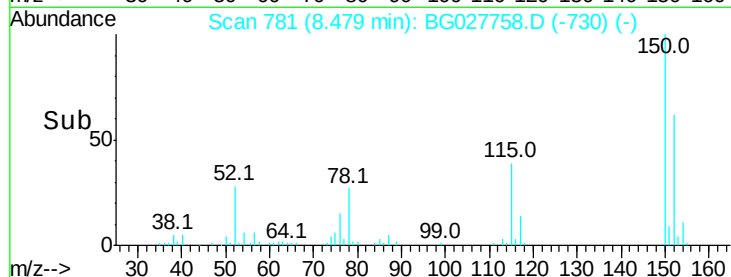
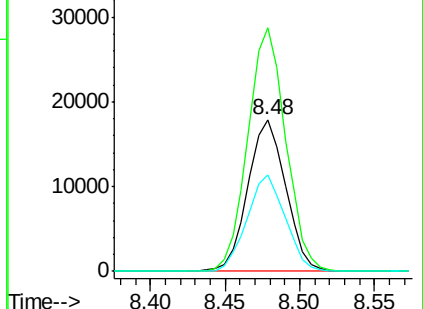
115 63.2 48.1 72.1



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: 133.03 ng

RT: 6.06 min Scan# 369

Delta R.T. 0.00 min

Lab File: BG027758.D

Acq: 30 Jun 2017 17:48

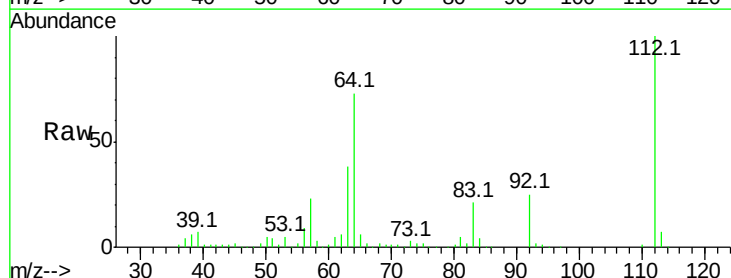
Tgt Ion:112 Resp: 270308

Ion Ratio Lower Upper

112 100

64 73.1 61.8 92.6

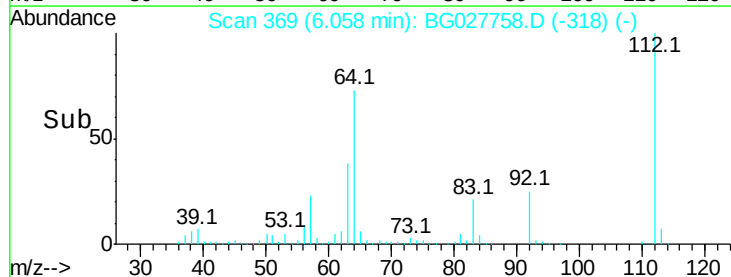
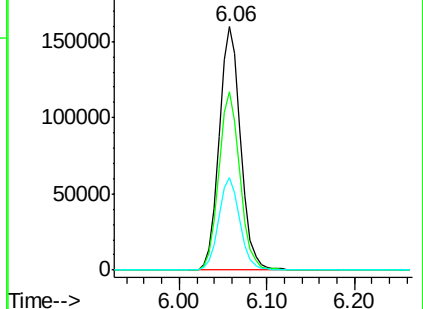
63 38.1 37.2 55.8

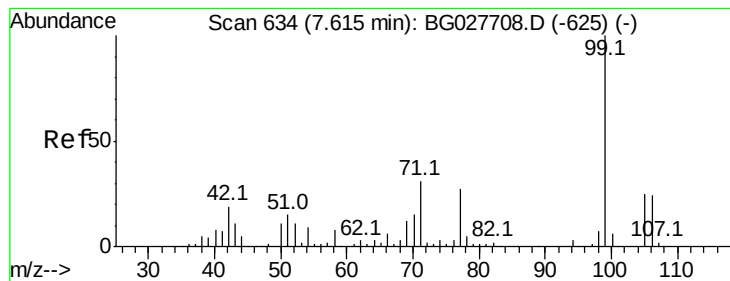


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.12 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.01 min

Lab File: BG027758.D

Acq: 30 Jun 2017 17:48

Instrument :

BNA_G

ClientSampleId :

PB100337TB

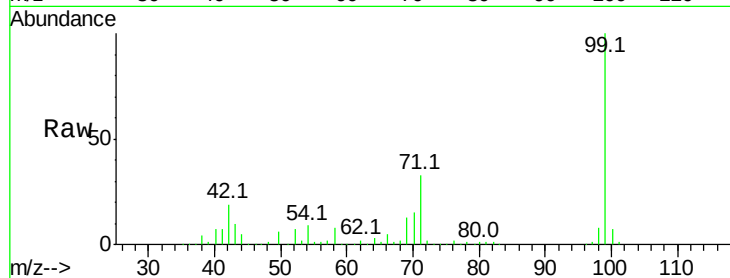
Tot Ion: 99 Resp: 375989

Ion Ratio Lower Upper

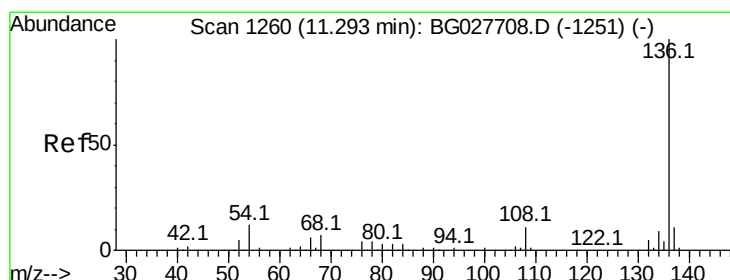
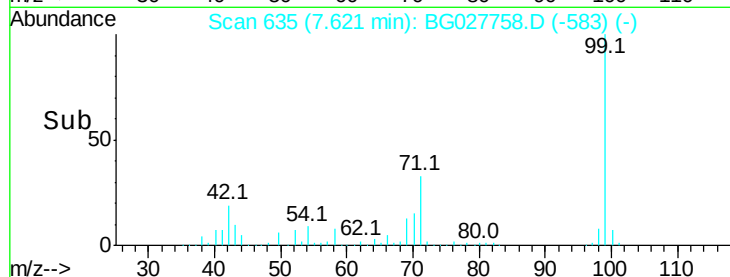
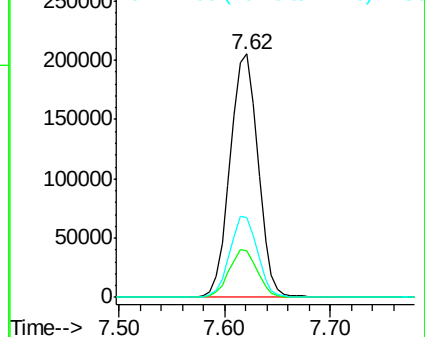
99 100

42 19.1 20.5 30.7#

71 32.5 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: 11.30 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BG027758.D

Acq: 30 Jun 2017 17:48

Tgt Ion: 136 Resp: 152693

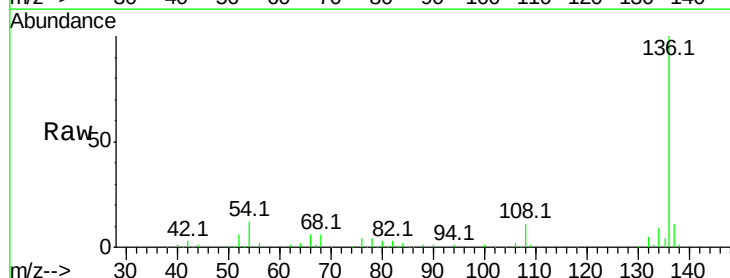
Ion Ratio Lower Upper

136 100

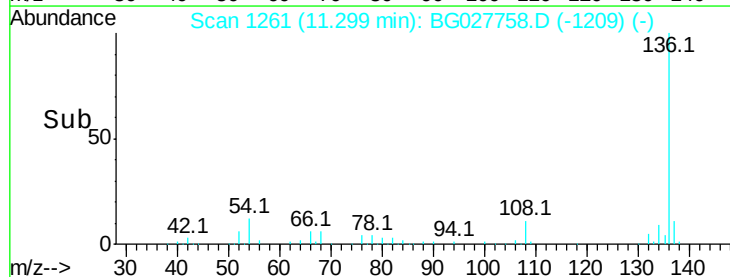
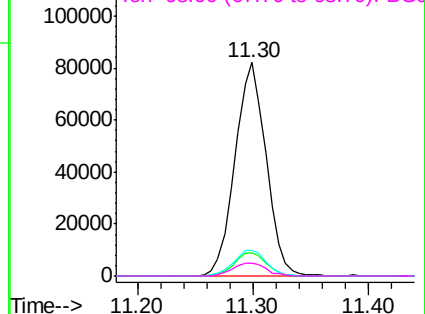
137 10.7 8.9 13.3

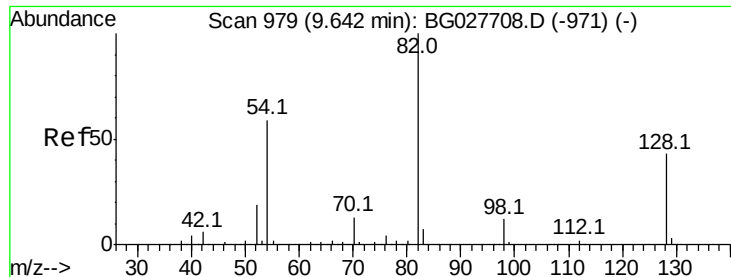
54 12.0 9.3 13.9

68 5.8 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

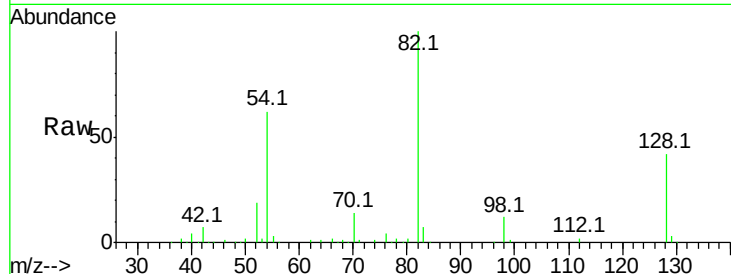




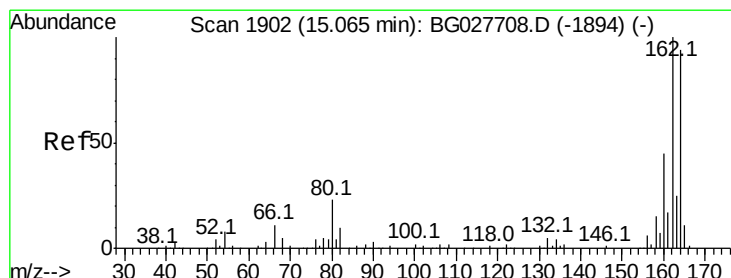
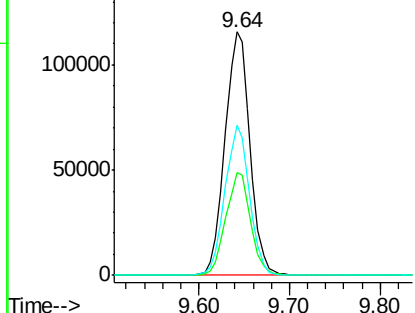
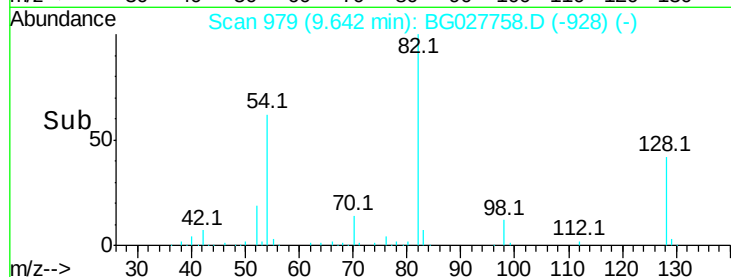
#23
 Nitrobenzene-d5
 Concen: 80.59 ng
 RT: 9.64 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BG027758.D
 Acq: 30 Jun 2017 17:48

Instrument :
 BNA_G
 ClientSampleId :
 PB100337TB

Tot Ion	82	Resp	220768
Ion Ratio	100		
Lower	26.4		
Upper	39.6		
54	61.5	49.4	74.2

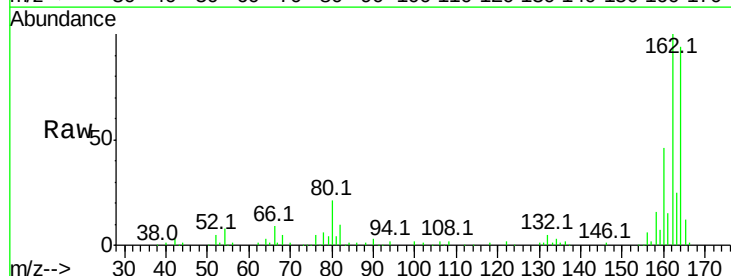


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

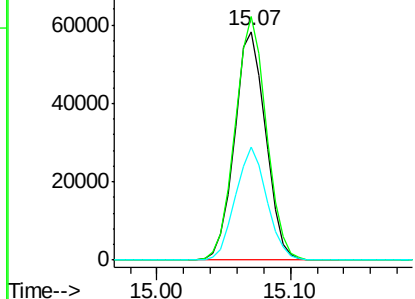
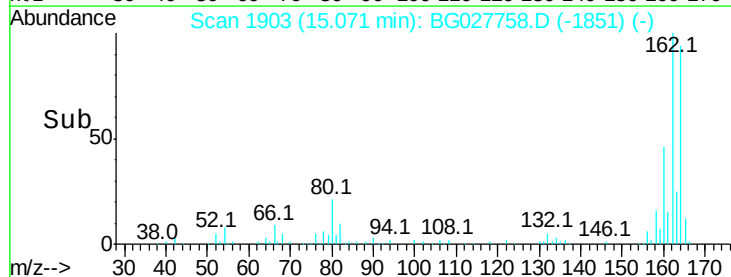


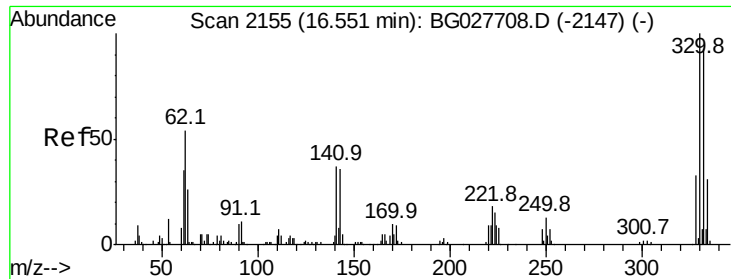
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BG027758.D
 Acq: 30 Jun 2017 17:48

Tgt Ion	164	Resp	94236
Ion Ratio	100		
Lower	85.1		
Upper	127.7		
162	106.5	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: 140.14 ng

RT: 16.56 min Scan# 2156

Delta R.T. 0.01 min

Lab File: BG027758.D

Acq: 30 Jun 2017 17:48

Instrument :

BNA_G

ClientSampleId :

PB100337TB

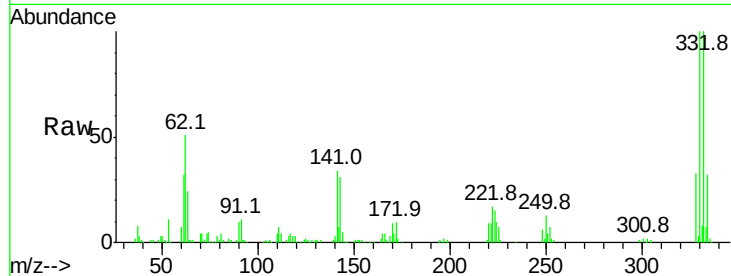
Tot Ion:330 Resp: 181132

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

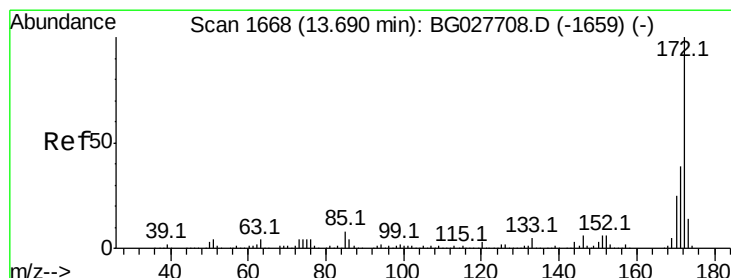
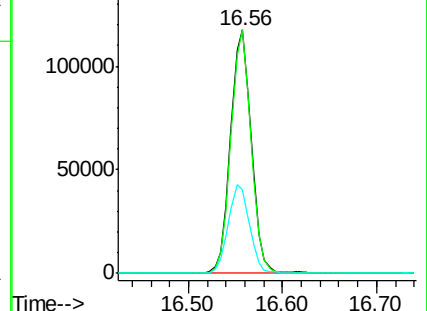
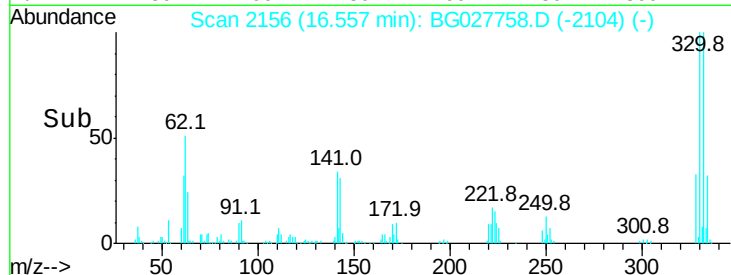
141 37.5 32.1 48.1



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: 86.35 ng

RT: 13.70 min Scan# 1669

Delta R.T. 0.01 min

Lab File: BG027758.D

Acq: 30 Jun 2017 17:48

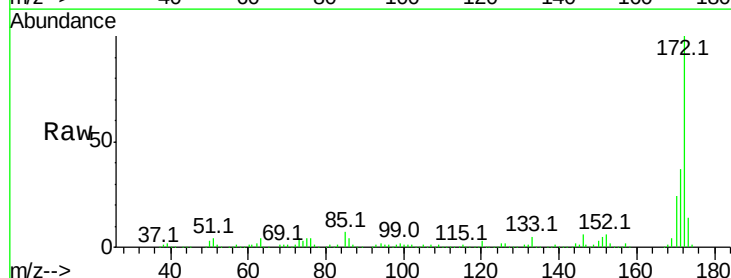
Tgt Ion:172 Resp: 569784

Ion Ratio Lower Upper

172 100

171 36.5 32.2 48.2

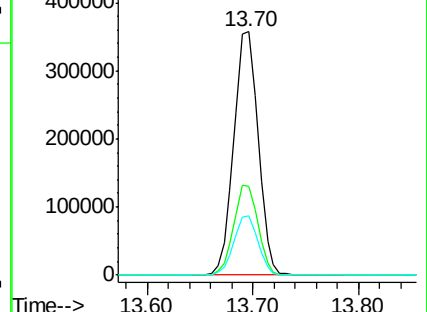
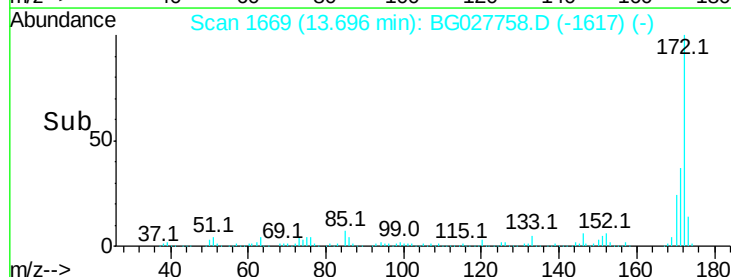
170 24.2 21.8 32.6

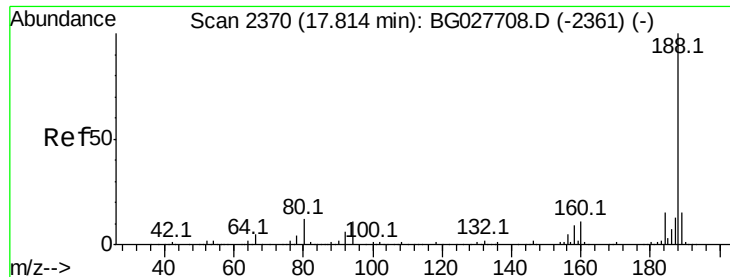


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.82 min Scan# 2371

Delta R.T. 0.01 min

Lab File: BG027758.D

Acq: 30 Jun 2017 17:48

Instrument :

BNA_G

ClientSampleId :

PB100337TB

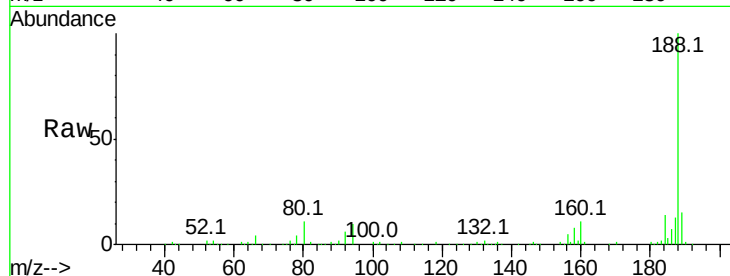
Tot Ion:188 Resp: 252924

Ion Ratio Lower Upper

188 100

94 10.2 5.8 8.8#

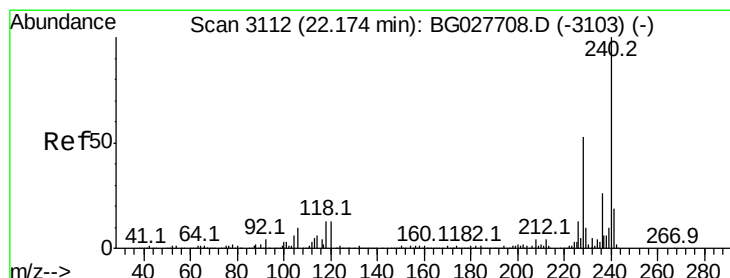
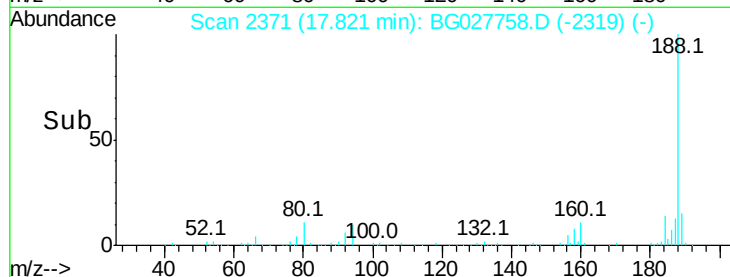
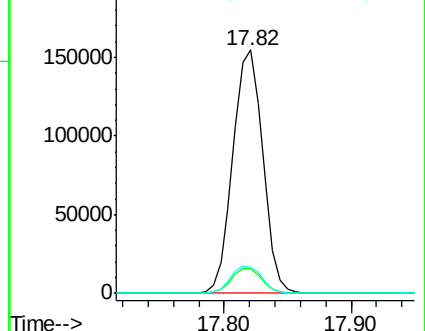
80 10.6 7.5 11.3



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: 22.18 min Scan# 3113

Delta R.T. 0.01 min

Lab File: BG027758.D

Acq: 30 Jun 2017 17:48

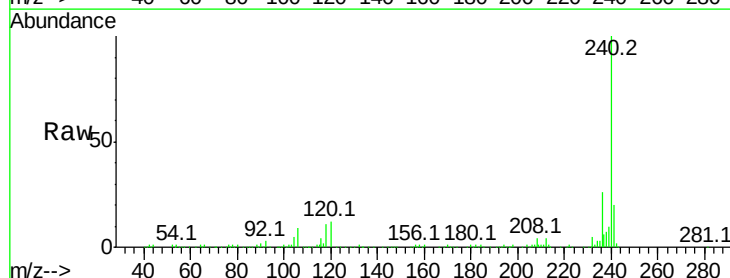
Tgt Ion:240 Resp: 265668

Ion Ratio Lower Upper

240 100

120 12.2 5.7 8.5#

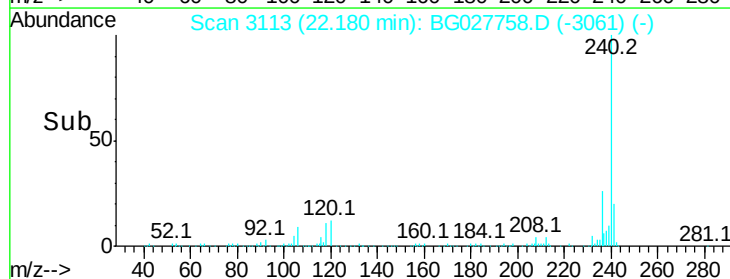
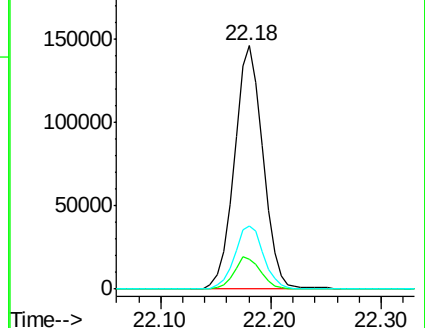
236 25.9 22.2 33.4

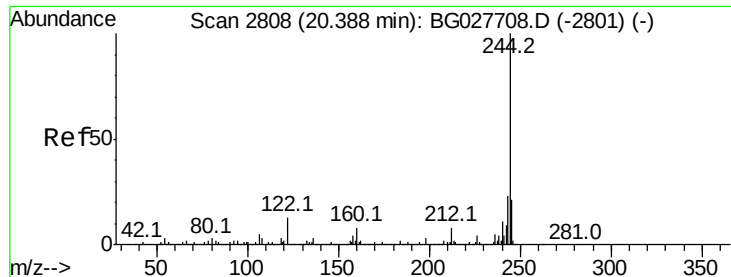


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.94 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.01 min

Lab File: BG027758.D

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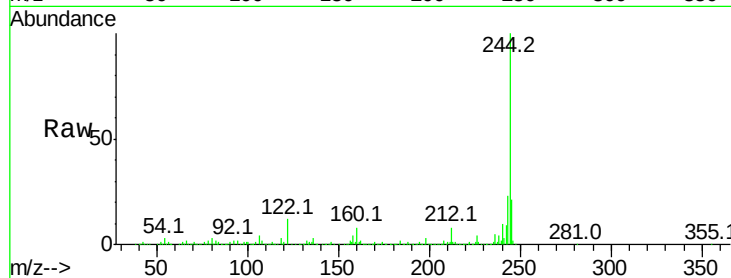
Tot Ion:244 Resp: 1064539

Ion Ratio Lower Upper

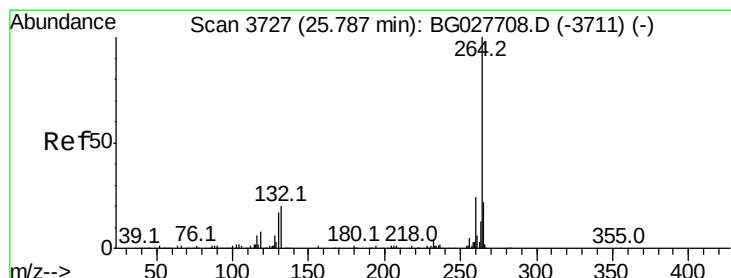
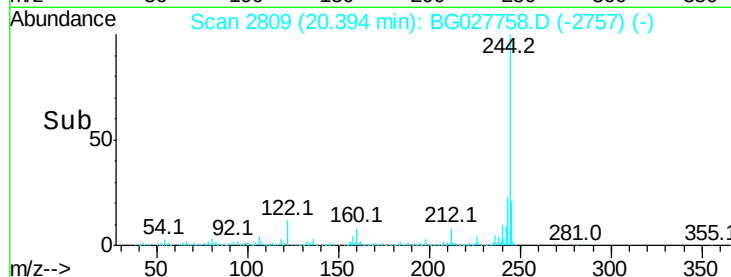
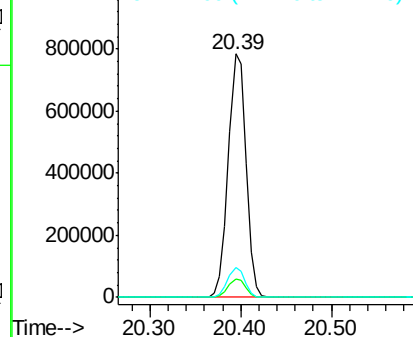
244 100

212 7.8 10.0 15.0#

122 12.4 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: 25.79 min Scan# 3728

Delta R.T. 0.01 min

Lab File: BG027758.D

Acq: 30 Jun 2017 17:48

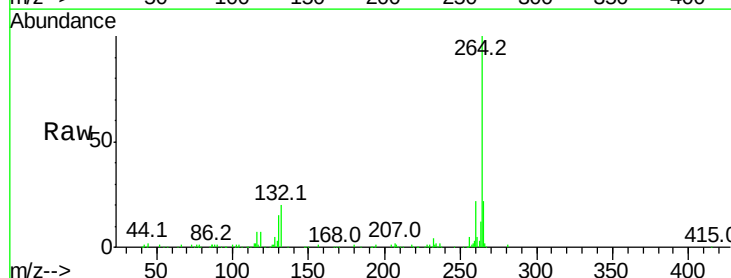
Tgt Ion:264 Resp: 257631

Ion Ratio Lower Upper

264 100

260 22.5 21.8 32.8

265 21.7 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

