

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091715\
 Data File : BG018728.D
 Acq On : 17 Sep 2015 5:09
 Operator : TP
 Sample : PB85576TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85576TB

Quant Time: Sep 17 06:51:17 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 06:49:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	40003	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	163358	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	120500	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	352431	20.00	ng	0.00
75) Chrysene-d12	21.62	240	379749	20.00	ng	0.00
86) Perylene-d12	24.81	264	374497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	301978	130.40	ng	0.00
7) Phenol-d6	7.16	99	422625	127.28	ng	0.00
23) Nitrobenzene-d5	9.16	82	232058	79.49	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	211184	130.16	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	672712	77.50	ng	0.00
78) Terphenyl-d14	19.98	244	1214441	83.98	ng	0.00

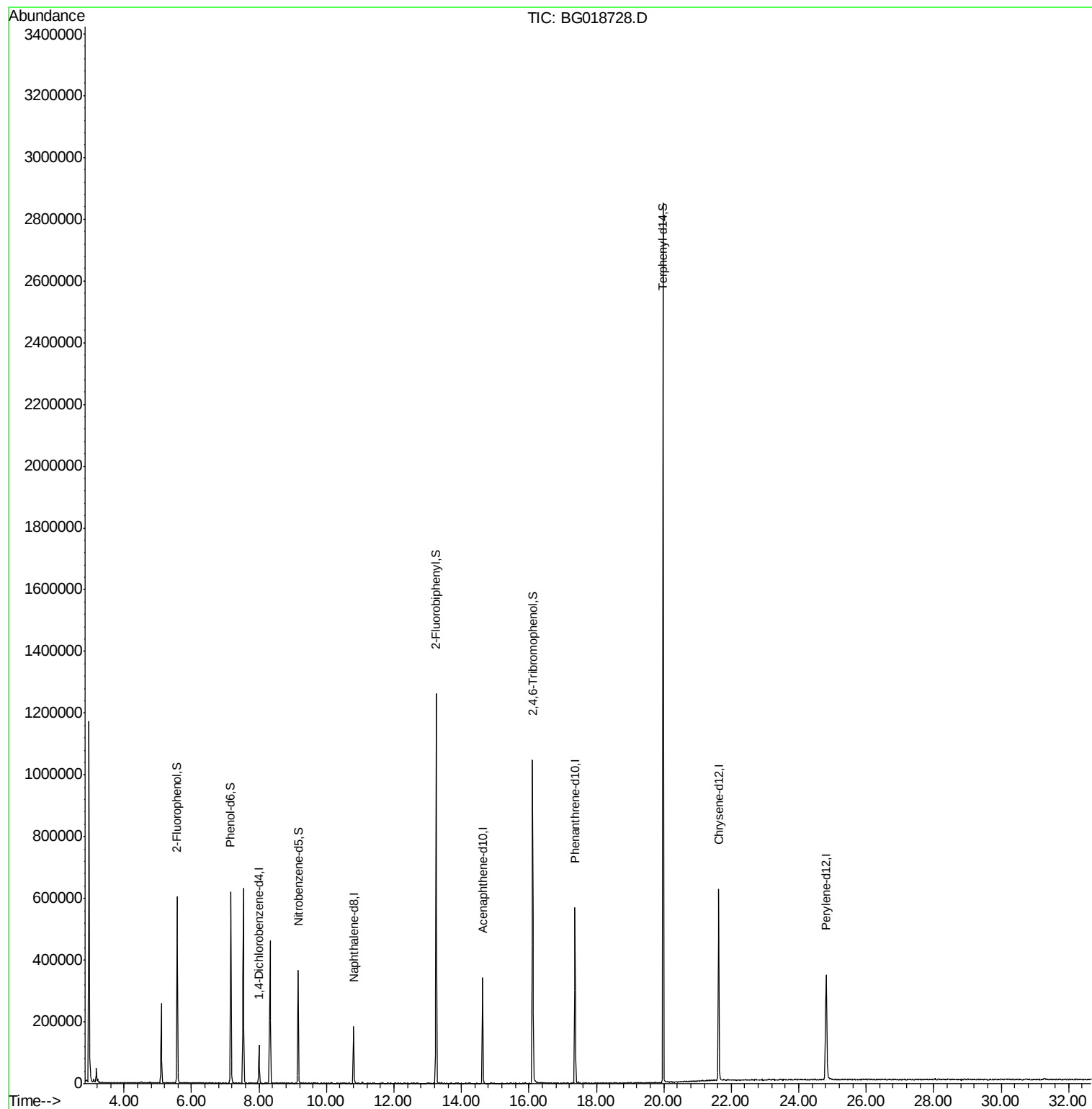
Target Compounds Qvalue

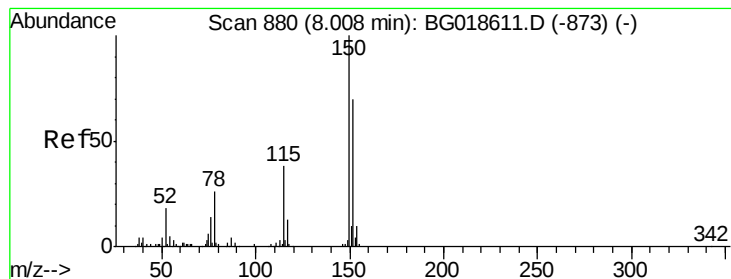
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. 0.00 min

Lab File: BG018728.D

Acq: 17 Sep 2015 5:09

Instrument :

BNA_G

ClientSampleId :

PB85576TB

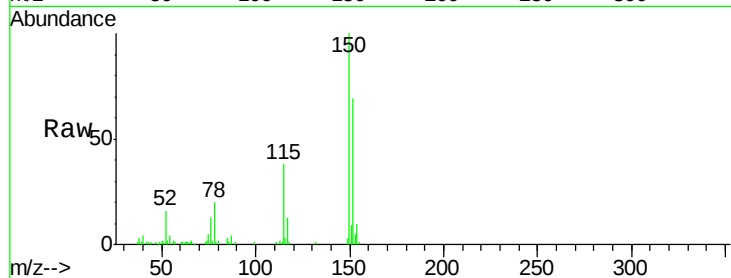
Tot Ion:152 Resp: 40003

Ion Ratio Lower Upper

152 100

150 145.6 115.0 172.4

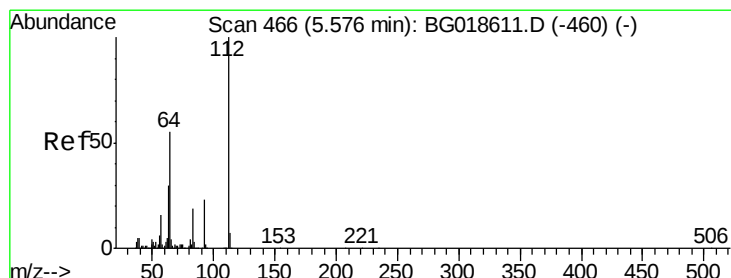
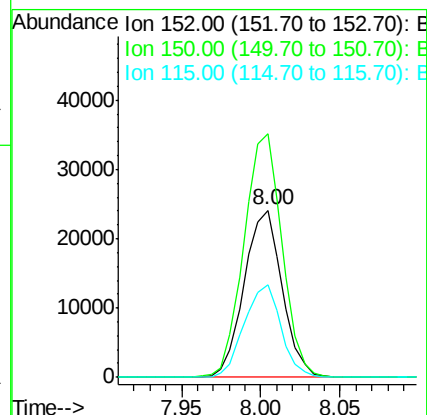
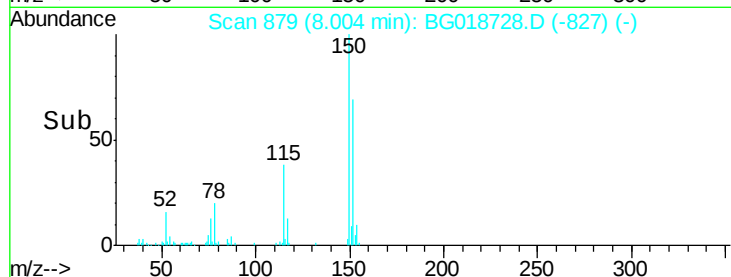
115 55.5 43.9 65.9



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: 130.40 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018728.D

Acq: 17 Sep 2015 5:09

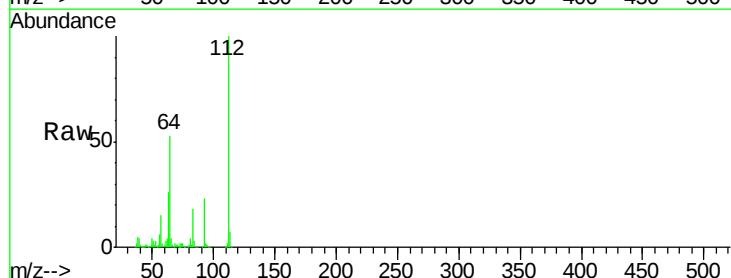
Tgt Ion:112 Resp: 301978

Ion Ratio Lower Upper

112 100

64 52.8 43.7 65.5

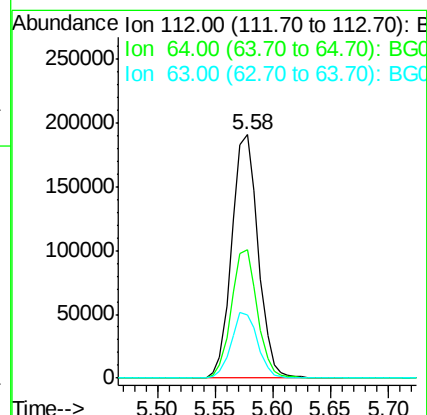
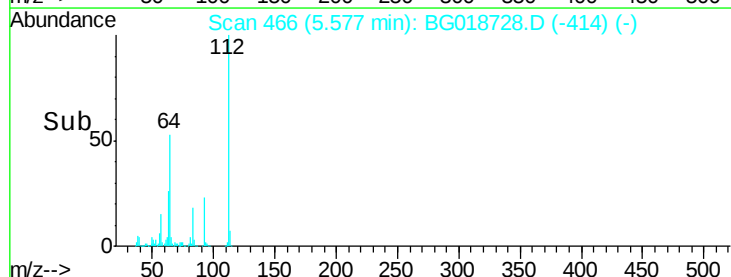
63 26.0 24.0 36.0

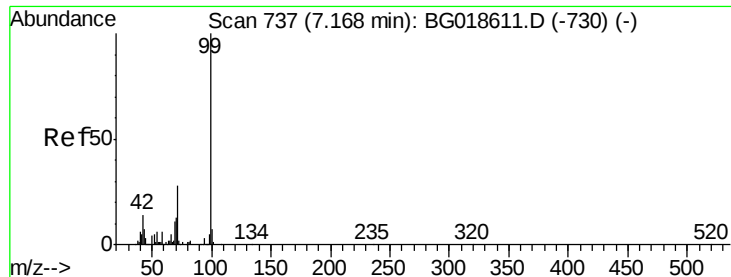


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.28 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018728.D

Acq: 17 Sep 2015 5:09

Instrument :

BNA_G

ClientSampleId :

PB85576TB

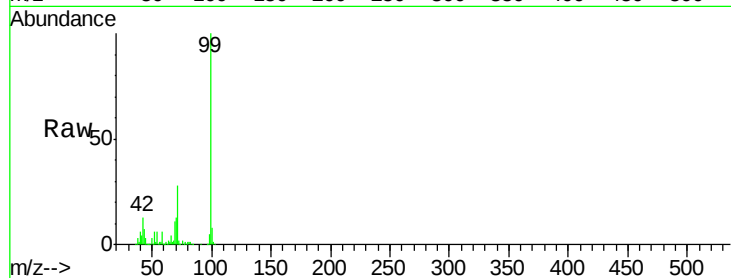
Tot Ion: 99 Resp: 422625

Ion Ratio Lower Upper

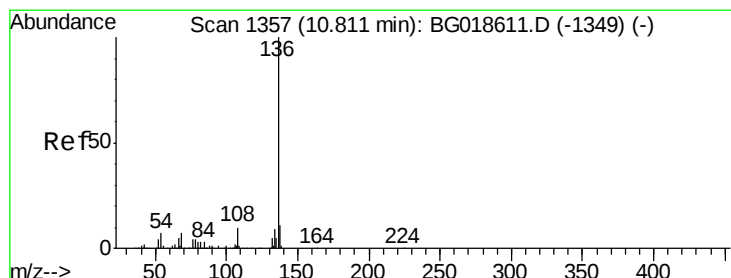
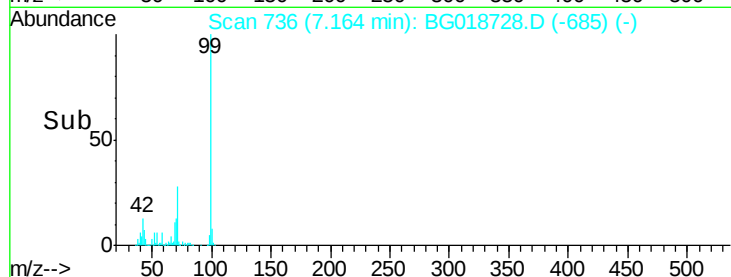
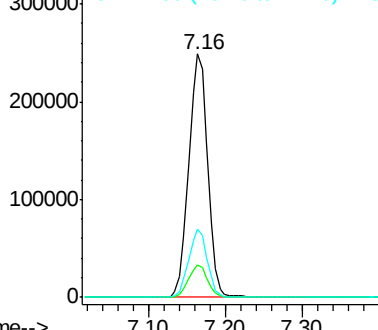
99 100

42 13.3 11.5 17.3

71 28.1 22.6 34.0



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: 10.81 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BG018728.D

Acq: 17 Sep 2015 5:09

Tgt Ion: 136 Resp: 163358

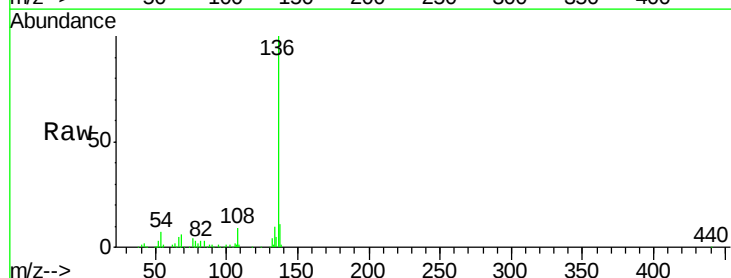
Ion Ratio Lower Upper

136 100

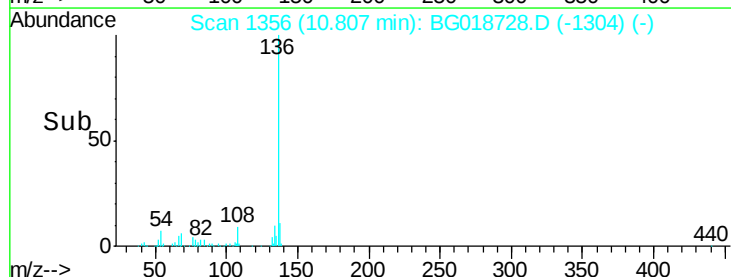
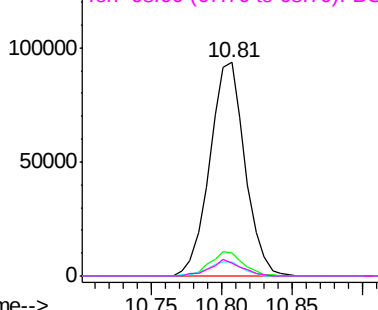
137 10.8 8.6 12.8

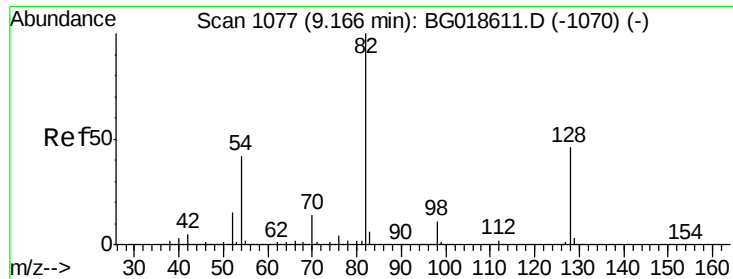
54 6.9 5.4 8.2

68 5.9 5.3 7.9



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

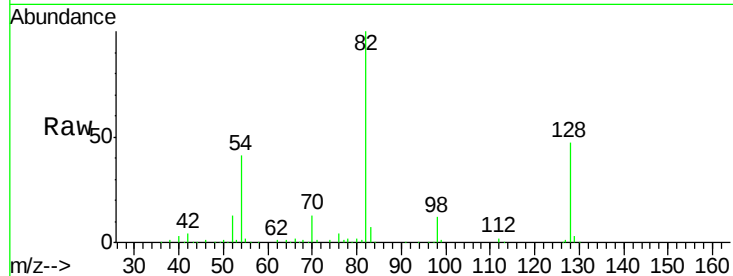




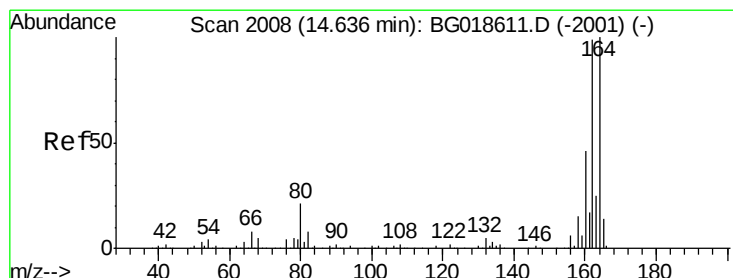
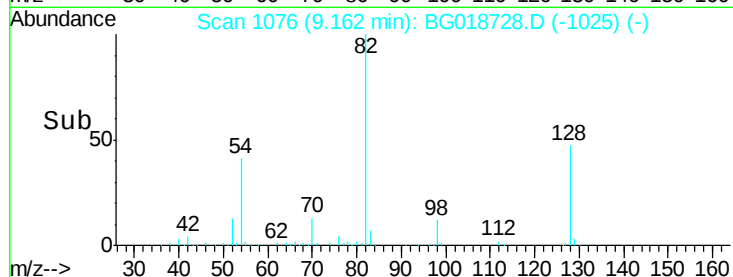
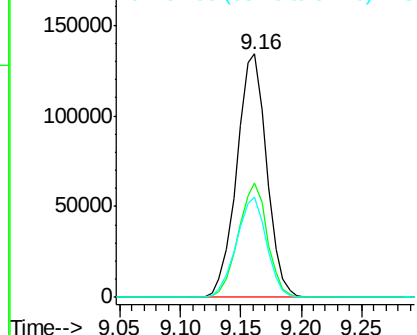
#23
Nitrobenzene-d5
Concen: 79.49 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018728.D
Acq: 17 Sep 2015 5:09

Instrument :
BNA_G
ClientSampleId :
PB85576TB

Tot Ion: 82 Resp: 232058
Ion Ratio Lower Upper
82 100
128 47.0 36.7 55.1
54 41.2 33.8 50.8

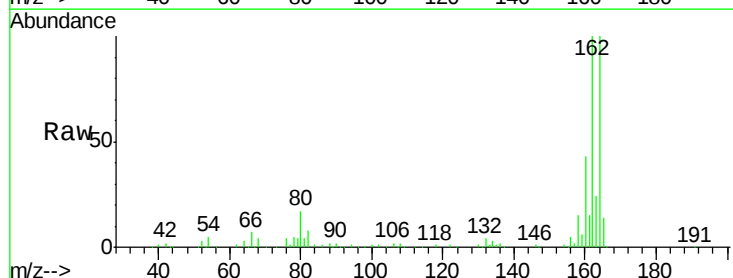


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

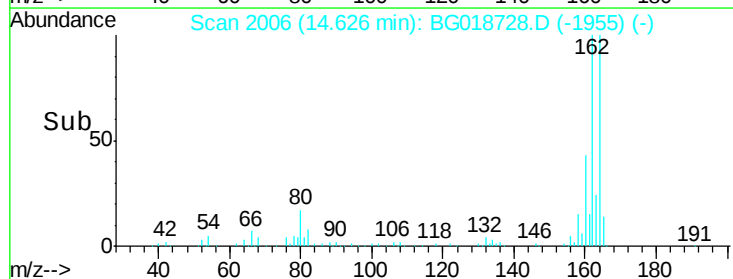
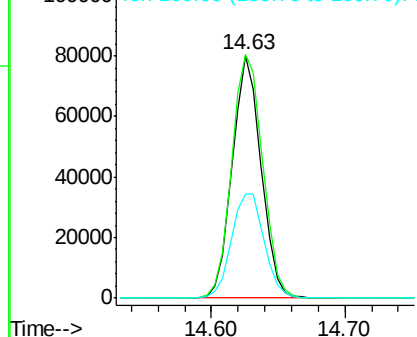


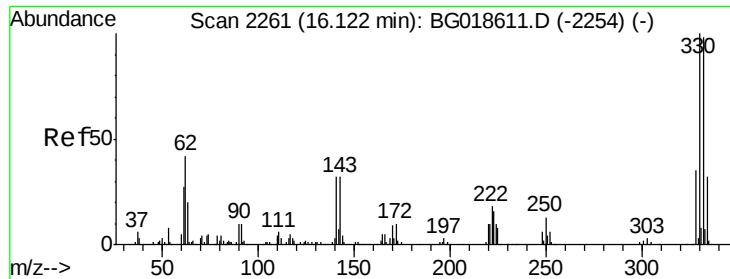
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG018728.D
Acq: 17 Sep 2015 5:09

Tgt Ion: 164 Resp: 120500
Ion Ratio Lower Upper
164 100
162 100.3 78.8 118.2
160 42.9 36.4 54.6



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

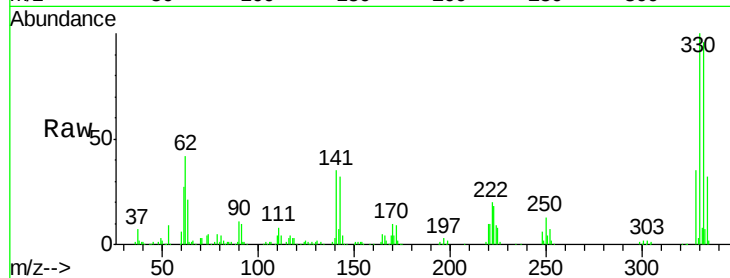




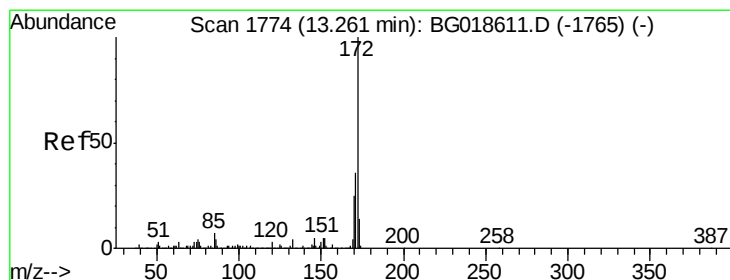
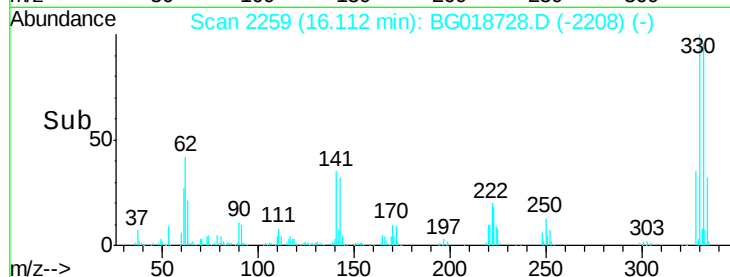
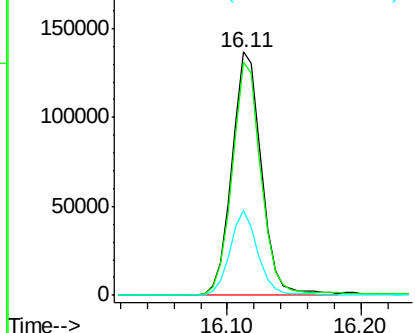
#41
 2,4,6-Tribromophenol
 Concen: 130.16 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BG018728.D
 Acq: 17 Sep 2015 5:09

Instrument :
 BNA_G
 ClientSampleId :
 PB85576TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.1	117.1
141	33.0	28.2	42.2

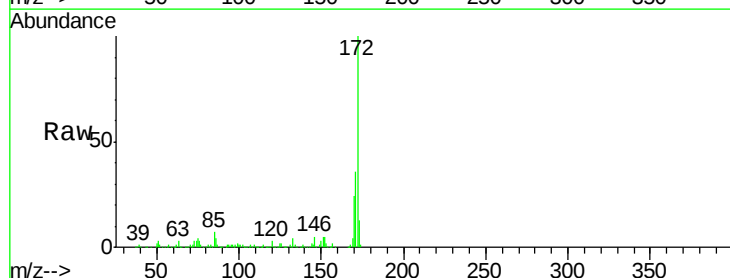


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

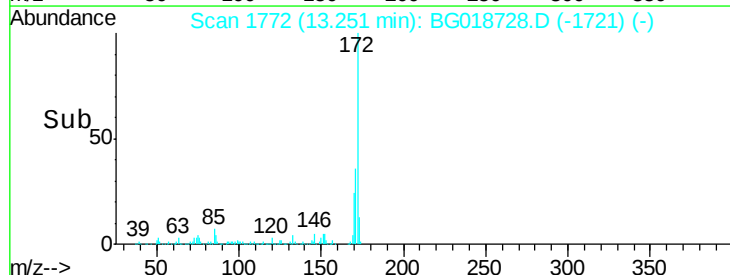
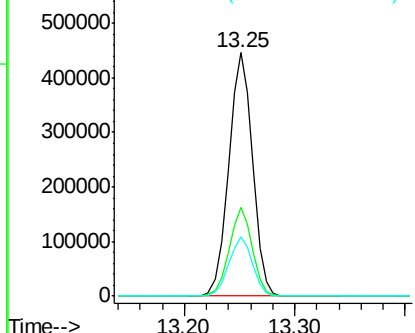


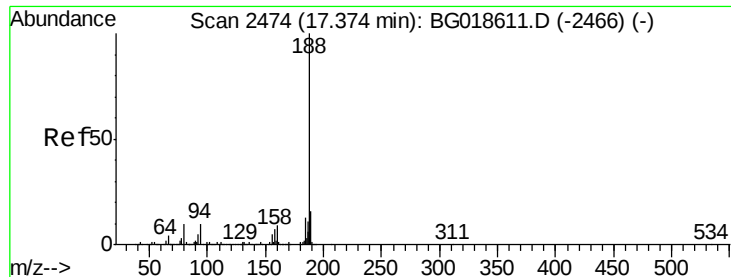
#44
 2-Fluorobiphenyl
 Concen: 77.50 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG018728.D
 Acq: 17 Sep 2015 5:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.2	19.9	29.9



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: 17.37 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BG018728.D

Acq: 17 Sep 2015 5:09

Instrument :

BNA_G

ClientSampleId :

PB85576TB

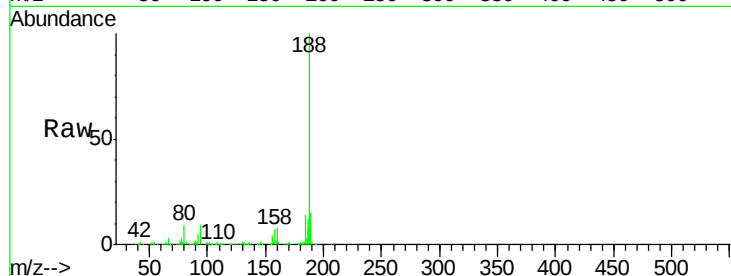
Tot Ion:188 Resp: 352431

Ion Ratio Lower Upper

188 100

94 8.8 7.7 11.5

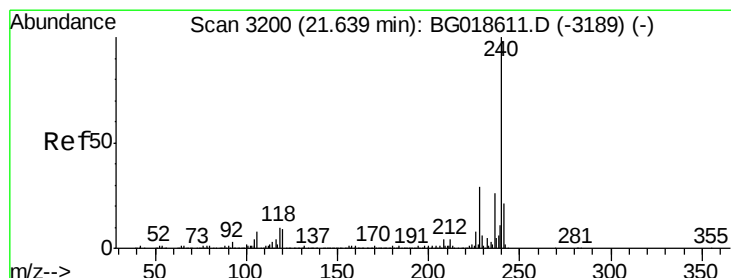
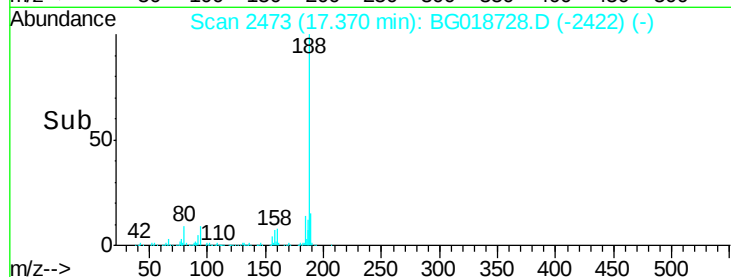
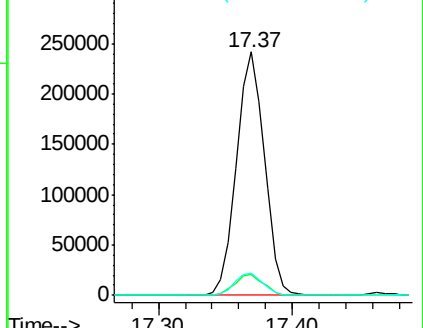
80 9.3 7.8 11.8



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: 21.62 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG018728.D

Acq: 17 Sep 2015 5:09

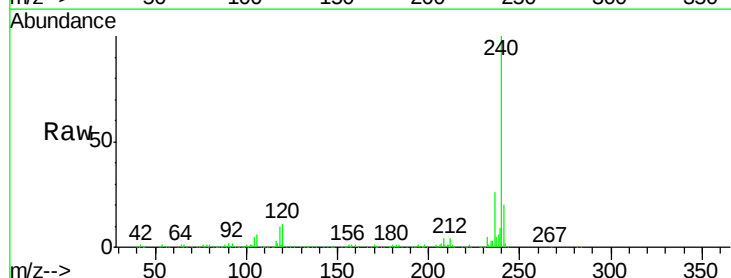
Tgt Ion:240 Resp: 379749

Ion Ratio Lower Upper

240 100

120 10.9 7.4 11.0

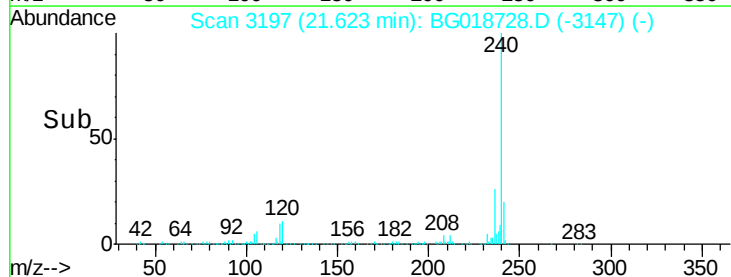
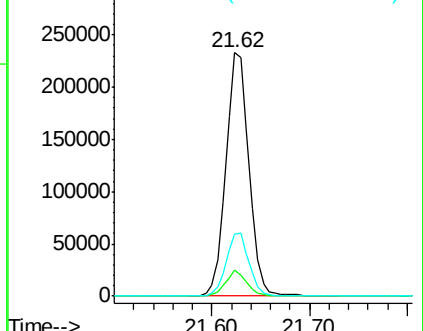
236 25.5 20.7 31.1

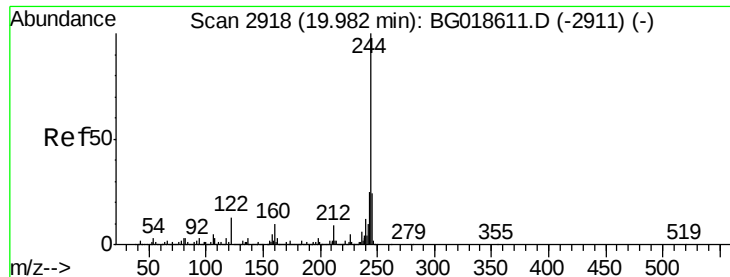


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.98 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG018728.D

Acq: 17 Sep 2015 5:09

Instrument :

BNA_G

ClientSampleId :

PB85576TB

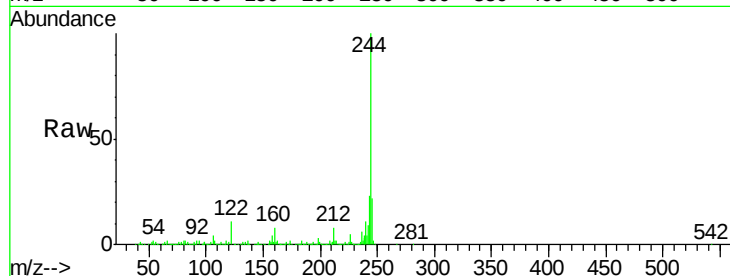
Tot Ion:244 Resp: 1214441

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

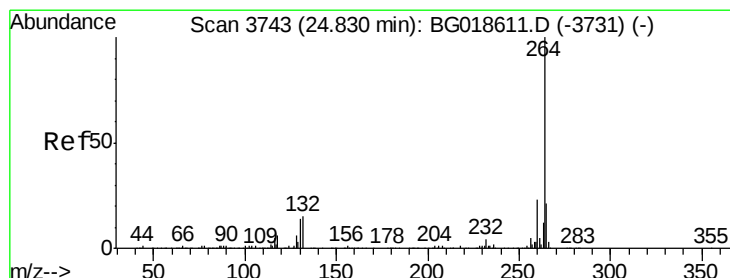
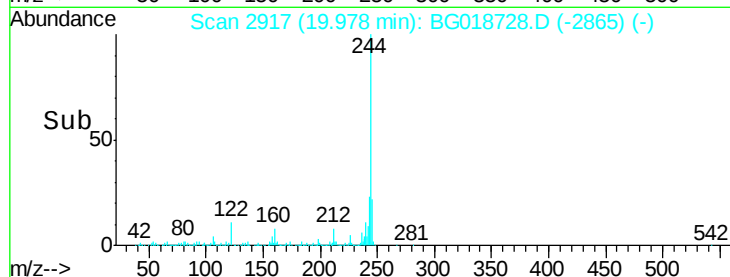
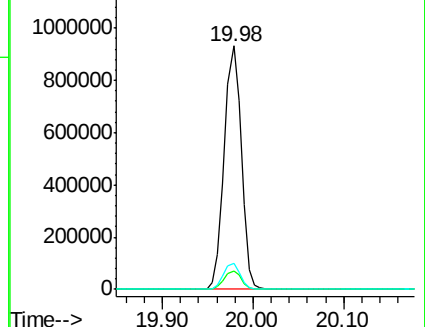
122 10.9 10.2 15.2



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: 24.81 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BG018728.D

Acq: 17 Sep 2015 5:09

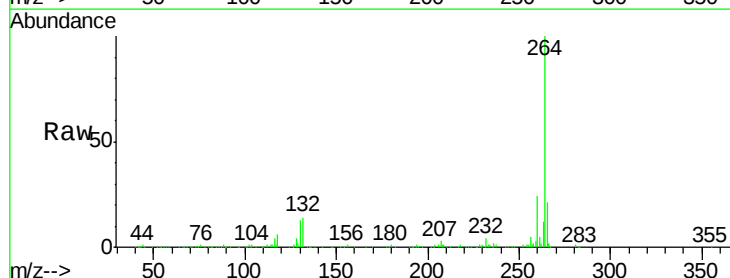
Tgt Ion:264 Resp: 374497

Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 21.4 17.2 25.8



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

