

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091715\
 Data File : BG018729.D
 Acq On : 17 Sep 2015 5:47
 Operator : TP
 Sample : PB85596BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB85596BL

Quant Time: Sep 17 06:51:30 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	37221	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	155297	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	110438	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	333053	20.00	ng	0.00
75) Chrysene-d12	21.62	240	364157	20.00	ng	-0.01
86) Perylene-d12	24.81	264	357319	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	281519	130.65	ng	0.00
7) Phenol-d6	7.16	99	385390	124.75	ng	0.00
23) Nitrobenzene-d5	9.16	82	208483	75.12	ng	0.00
41) 2,4,6-Tribromophenol	16.11	330	190093	127.83	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	596770	75.01	ng	0.00
78) Terphenyl-d14	19.98	244	1120414	80.79	ng	0.00

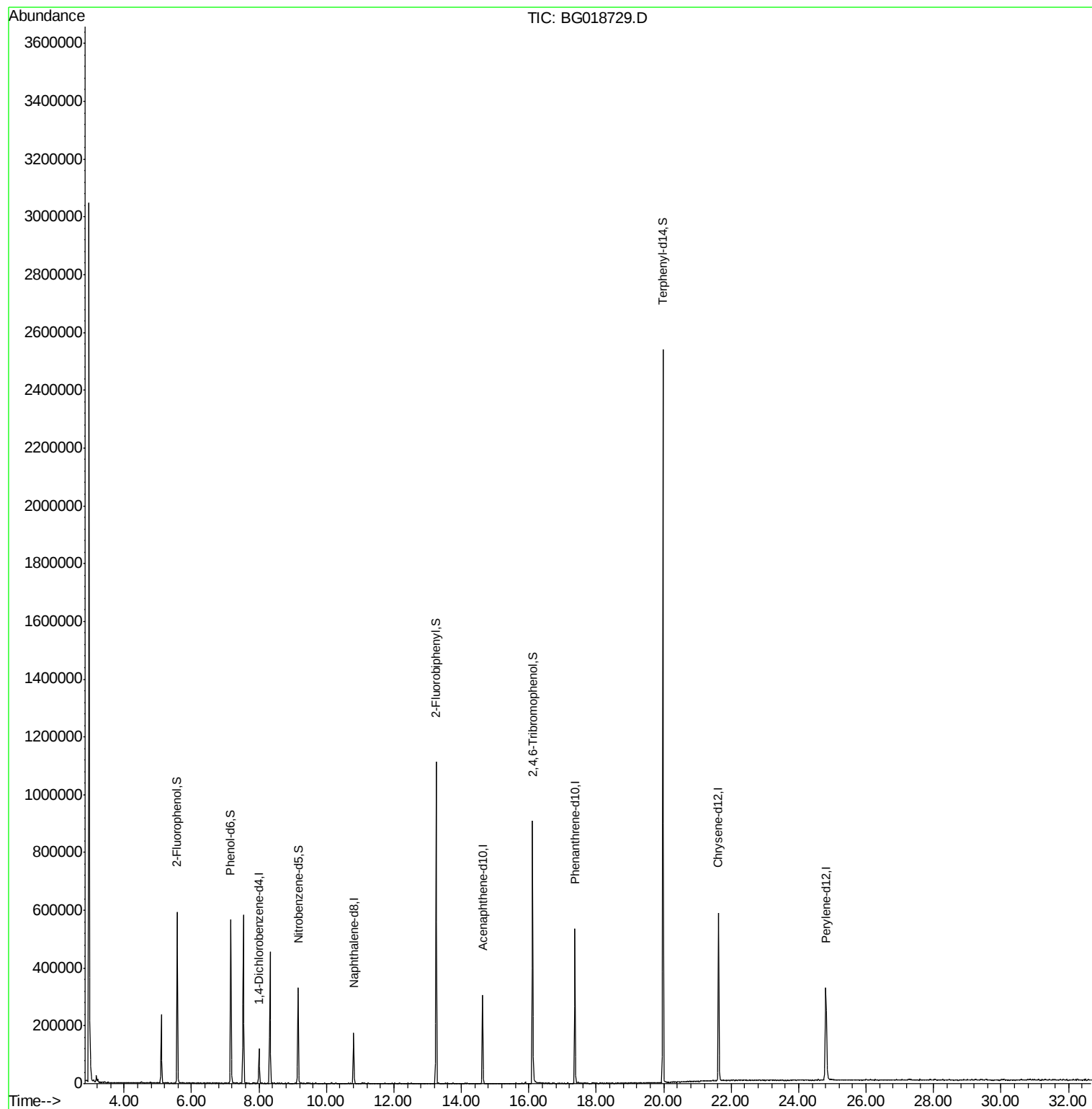
Target Compounds Qvalue

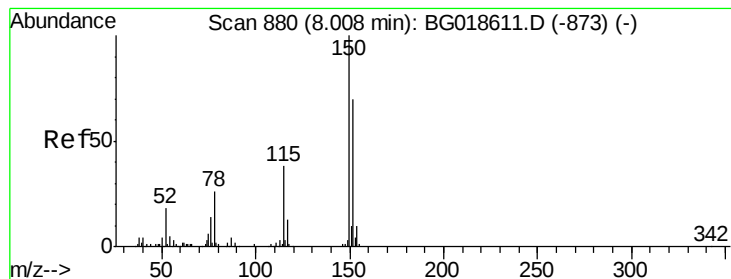
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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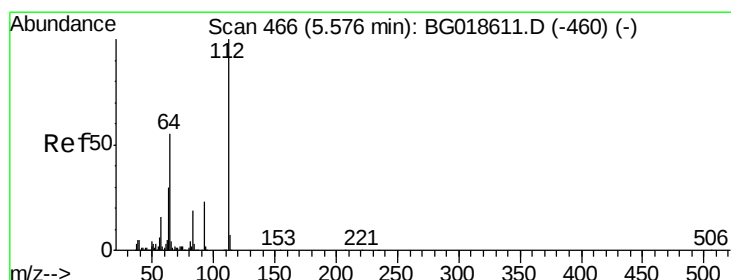
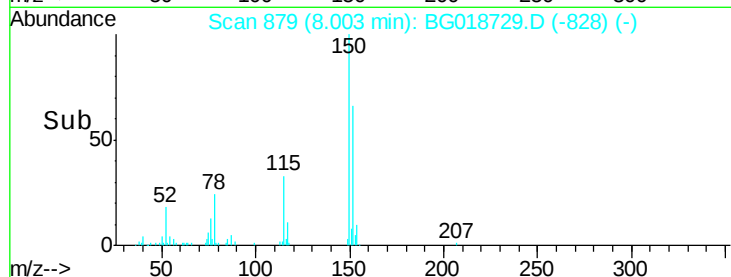
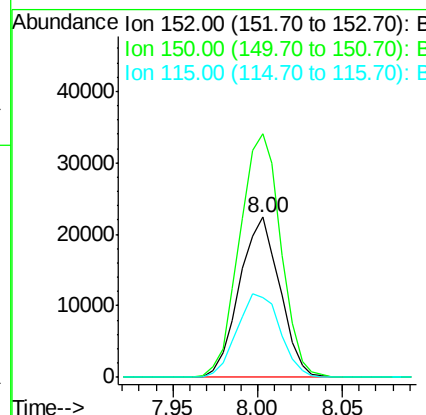
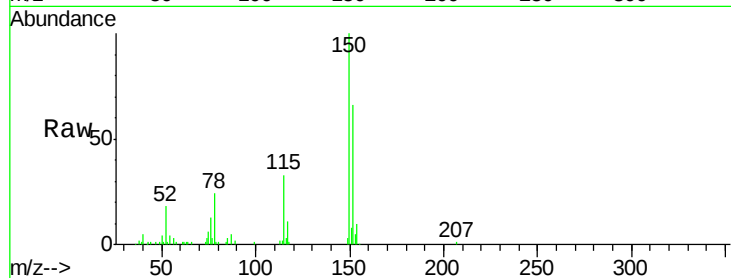




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.00 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BG018729.D
 Acq: 17 Sep 2015 5:47

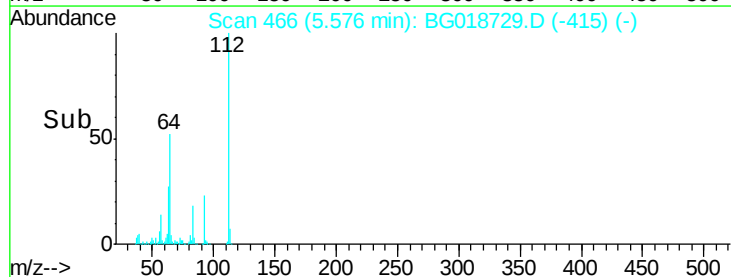
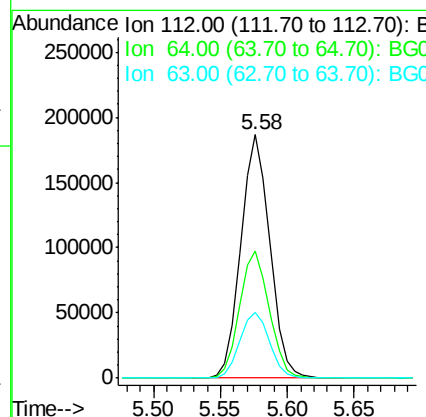
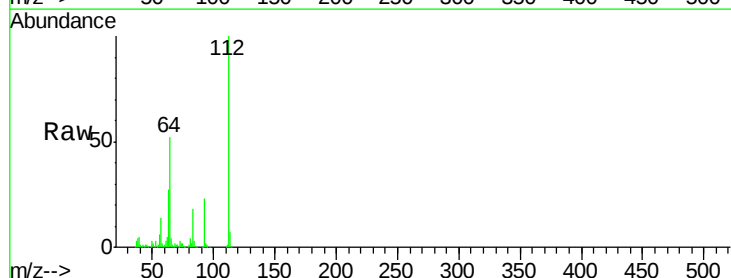
Instrument :
 BNA_G
 ClientSampleId :
 PB85596BL

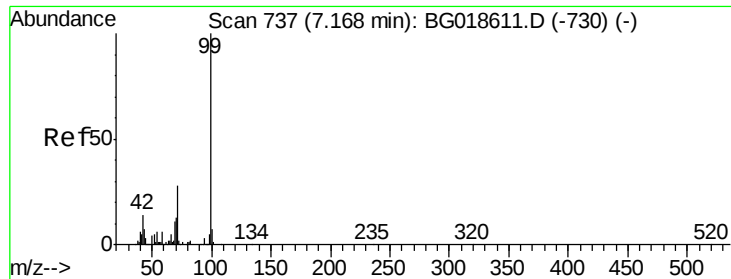
Tot Ion:152 Resp: 37221
 Ion Ratio Lower Upper
 152 100
 150 152.0 115.0 172.4
 115 49.6 43.9 65.9



#5
 2-Fluorophenol
 Concen: 130.65 ng
 RT: 5.58 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BG018729.D
 Acq: 17 Sep 2015 5:47

Tgt Ion:112 Resp: 281519
 Ion Ratio Lower Upper
 112 100
 64 52.5 43.7 65.5
 63 27.0 24.0 36.0





#7

Phenol-d6

Concen: 124.75 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.00 min

Lab File: BG018729.D

Acq: 17 Sep 2015 5:47

Instrument :

BNA_G

ClientSampleId :

PB85596BL

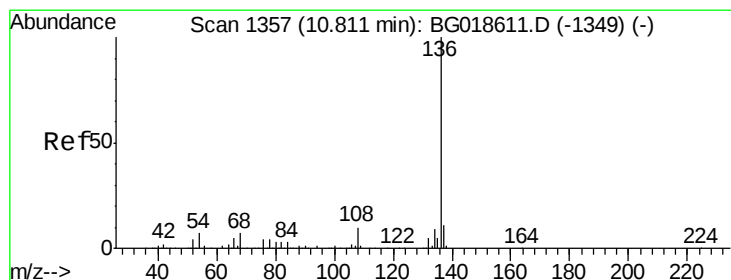
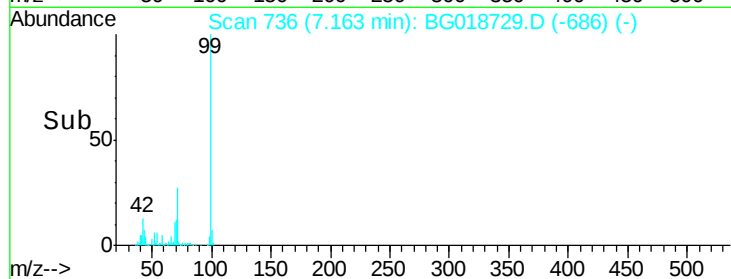
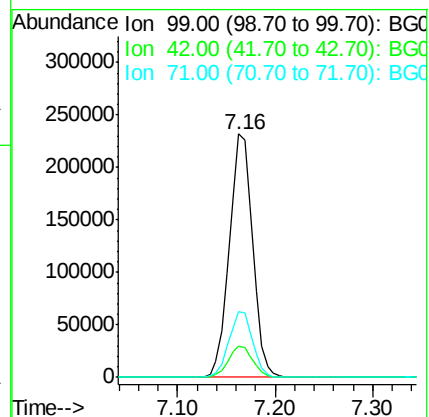
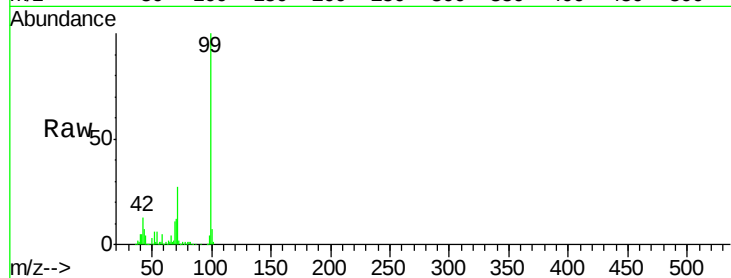
Tot Ion: 99 Resp: 385390

Ion Ratio Lower Upper

99 100

42 13.0 11.5 17.3

71 27.1 22.6 34.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BG018729.D

Acq: 17 Sep 2015 5:47

Tgt Ion: 136 Resp: 155297

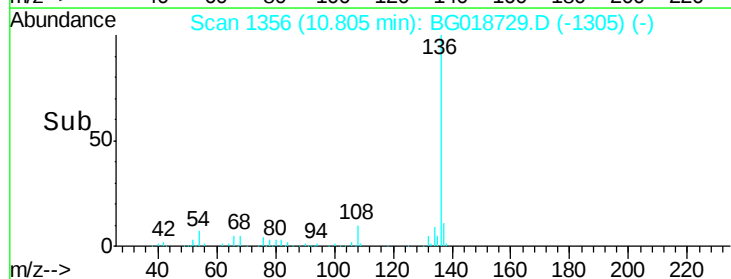
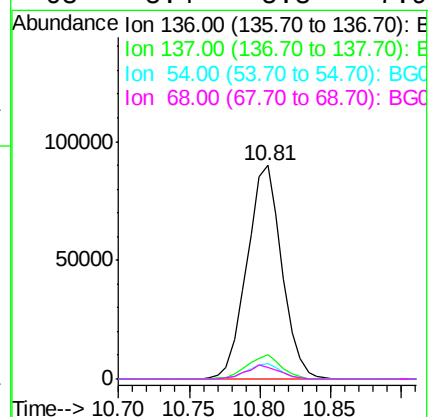
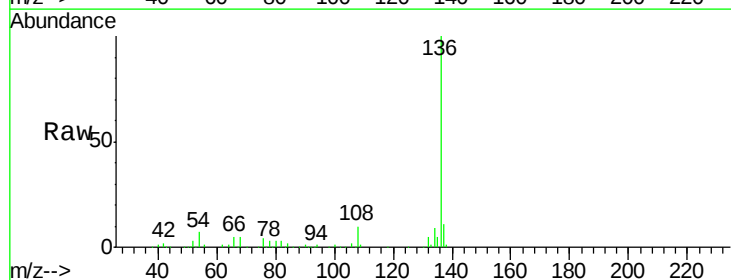
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 7.1 5.4 8.2

68 5.4 5.3 7.9

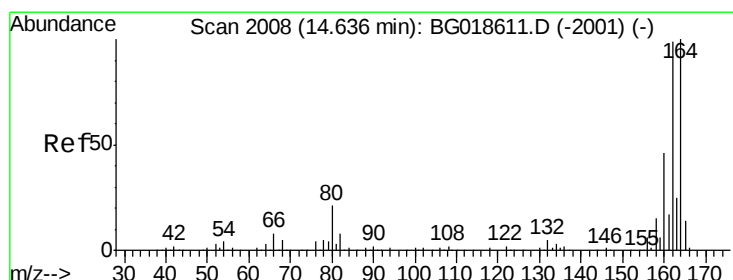
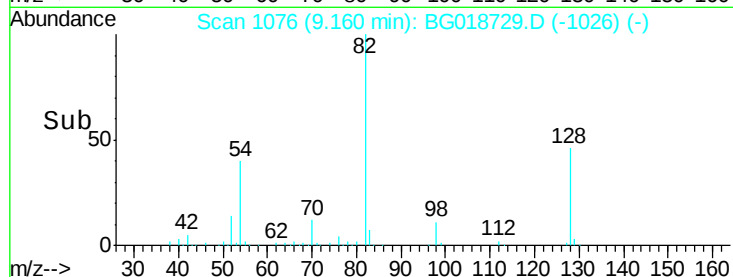
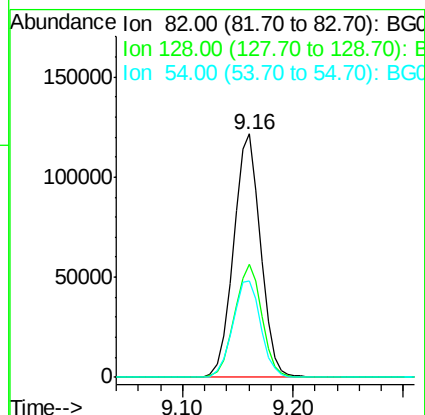
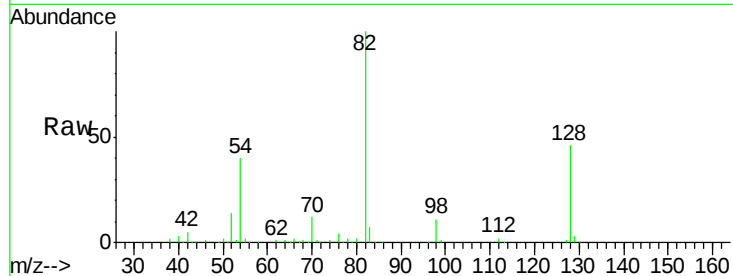




#23
Nitrobenzene-d5
Concen: 75.12 ng
RT: 9.16 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BG018729.D
Acq: 17 Sep 2015 5:47

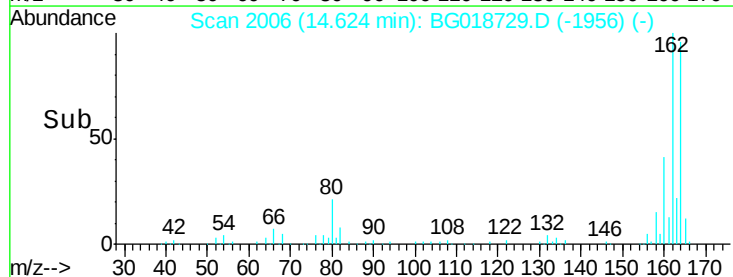
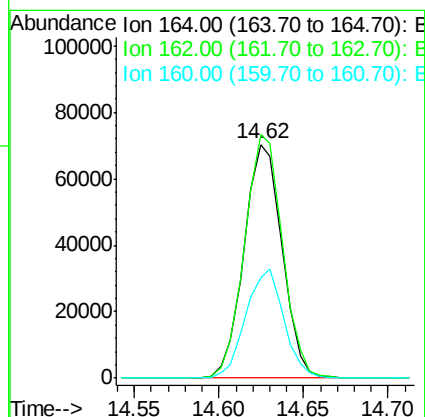
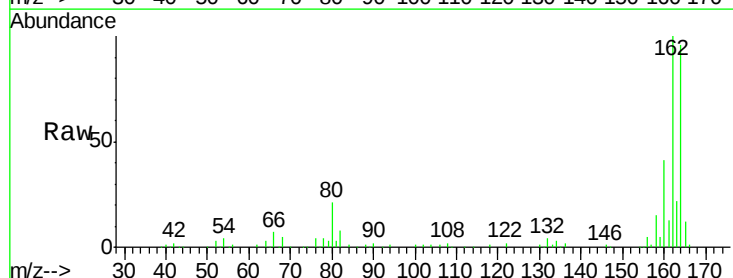
Instrument :
BNA_G
ClientSampleId :
PB85596BL

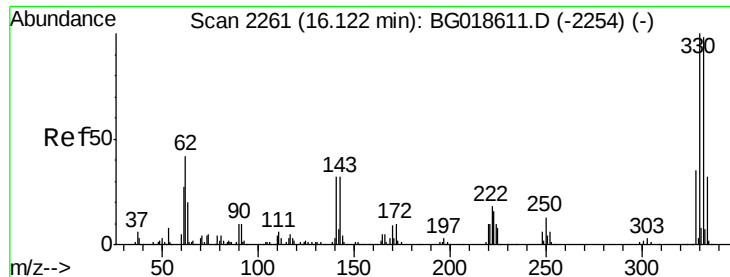
Tot Ion: 82 Resp: 208483
Ion Ratio Lower Upper
82 100
128 46.5 36.7 55.1
54 39.8 33.8 50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG018729.D
Acq: 17 Sep 2015 5:47

Tgt Ion: 164 Resp: 110438
Ion Ratio Lower Upper
164 100
162 104.0 78.8 118.2
160 42.7 36.4 54.6

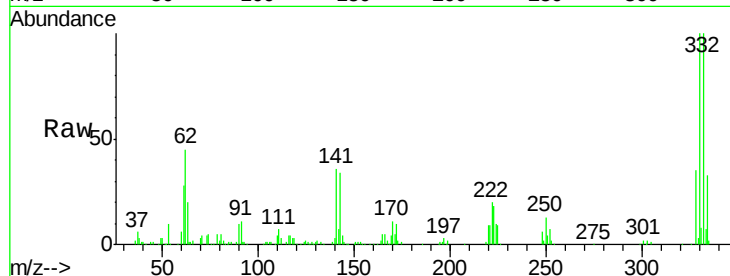




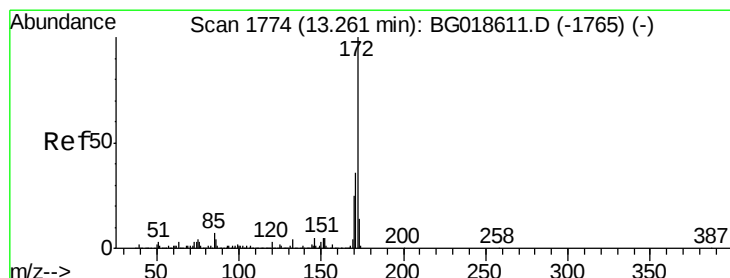
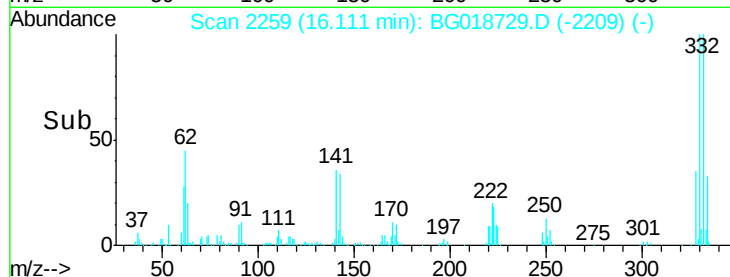
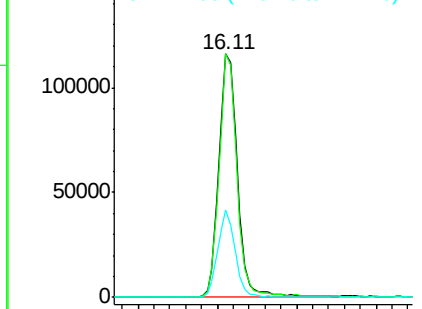
#41
 2,4,6-Tribromophenol
 Concen: 127.83 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BG018729.D
 Acq: 17 Sep 2015 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB85596BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.1	117.1
141	33.6	28.2	42.2

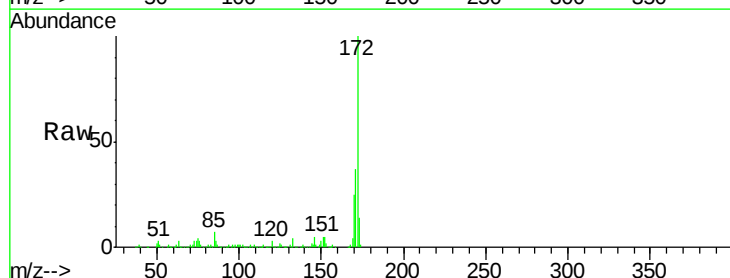


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

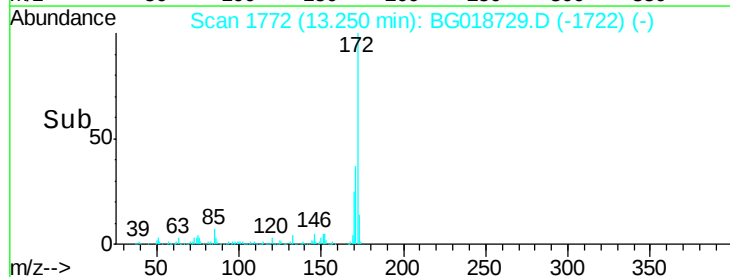
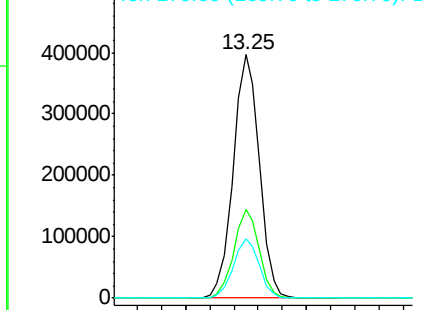


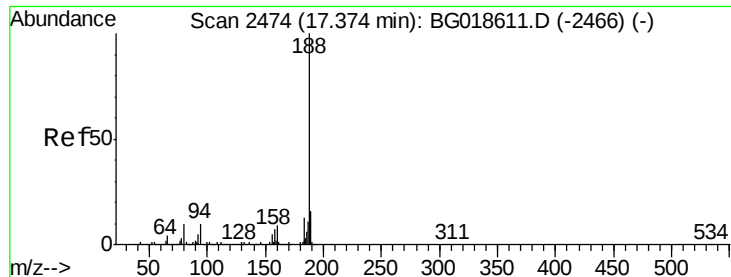
#44
 2-Fluorobiphenyl
 Concen: 75.01 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG018729.D
 Acq: 17 Sep 2015 5:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.5	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: BG018729.D

Acq: 17 Sep 2015 5:47

Instrument :

BNA_G

ClientSampleId :

PB85596BL

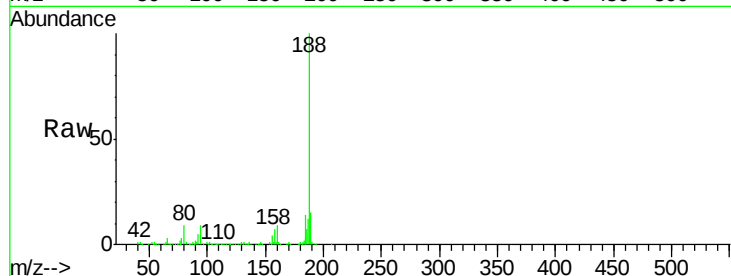
Tot Ion:188 Resp: 333053

Ion Ratio Lower Upper

188 100

94 8.8 7.7 11.5

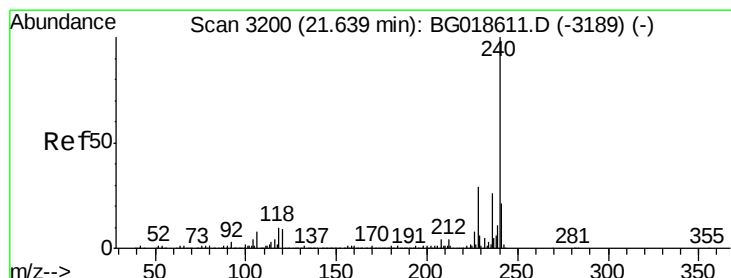
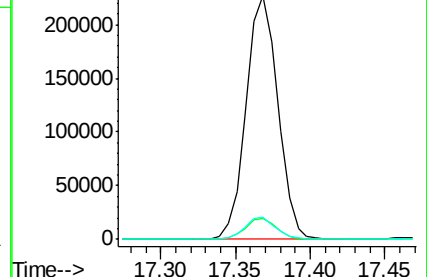
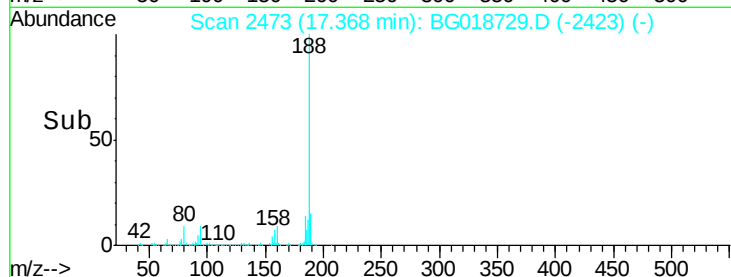
80 9.0 7.8 11.8



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: BG018729.D

Acq: 17 Sep 2015 5:47

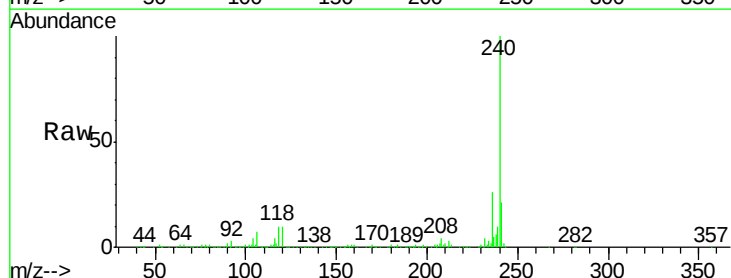
Tgt Ion:240 Resp: 364157

Ion Ratio Lower Upper

240 100

120 10.4 7.4 11.0

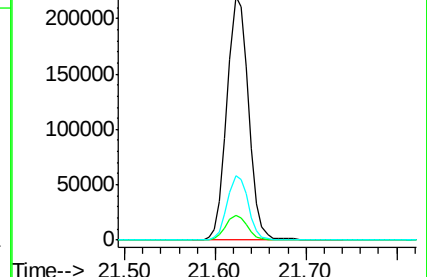
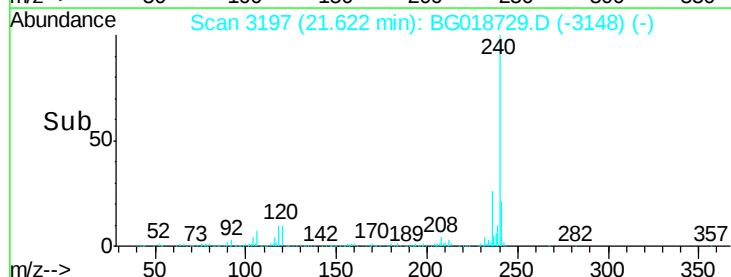
236 26.2 20.7 31.1

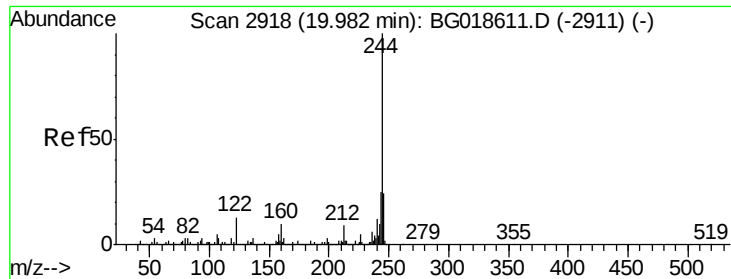


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.79 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.00 min

Lab File: BG018729.D

Acq: 17 Sep 2015 5:47

Instrument :

BNA_G

ClientSampled :

PB85596BL

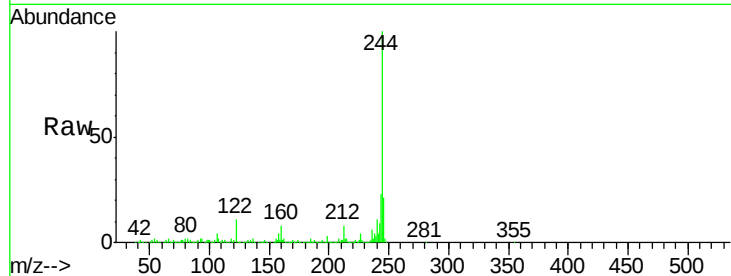
Tot Ion:244 Resp: 1120414

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

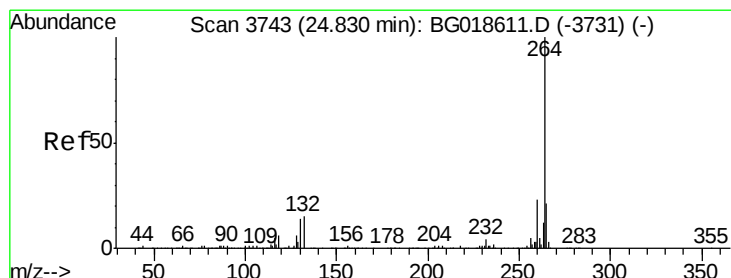
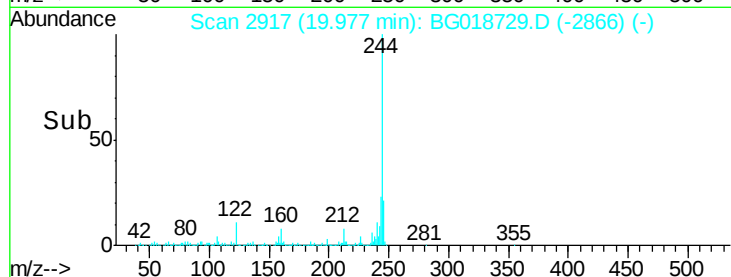
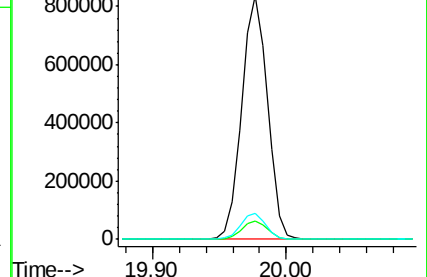
122 10.9 10.2 15.2



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# 3739

Delta R.T. -0.01 min

Lab File: BG018729.D

Acq: 17 Sep 2015 5:47

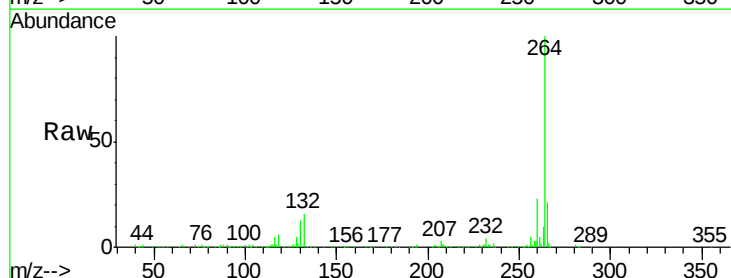
Tgt Ion:264 Resp: 357319

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 20.8 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

