

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
 Data File : BG016686.D
 Acq On : 24 Apr 2015 17:00
 Operator : TP/IZ
 Sample : PB82956TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82956TB

Quant Time: Apr 24 23:12:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 22:57:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	44469	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	177444	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	98959	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	217240	20.00	ng	0.00
75) Chrysene-d12	21.18	240	236248	20.00	ng	0.00
86) Perylene-d12	23.38	264	230962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	371868	135.70	ng	0.00
7) Phenol-d6	6.79	99	482364	125.47	ng	0.00
23) Nitrobenzene-d5	8.75	82	238607	84.97	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	100487	136.88	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	540607	87.77	ng	0.00
78) Terphenyl-d14	19.63	244	789372	76.97	ng	0.00

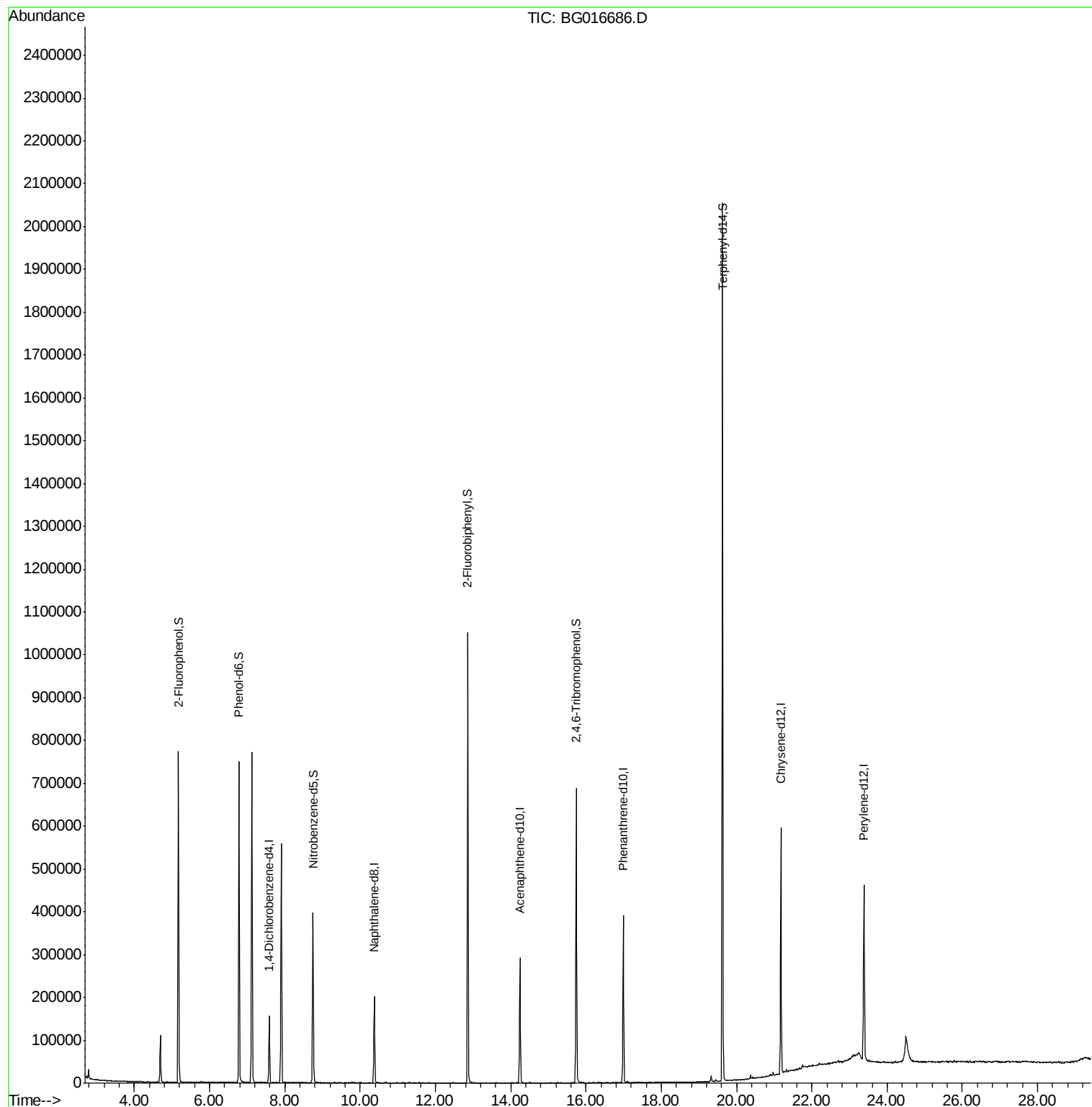
Target Compounds	Qvalue
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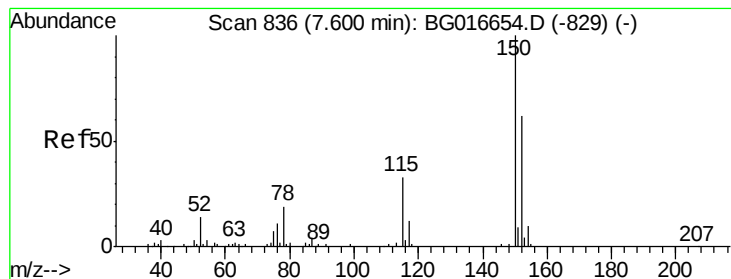
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.58 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG016686.D

Acq: 24 Apr 2015 17:00

Instrument :

BNA_G

ClientSampleId :

PB82956TB

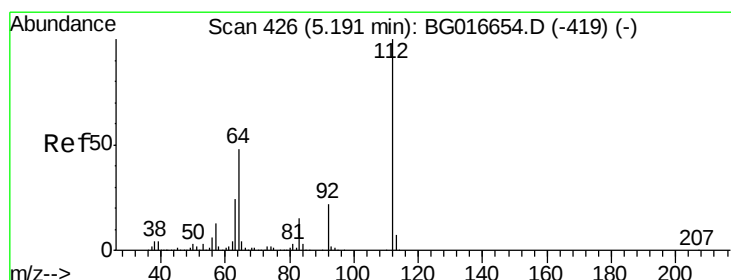
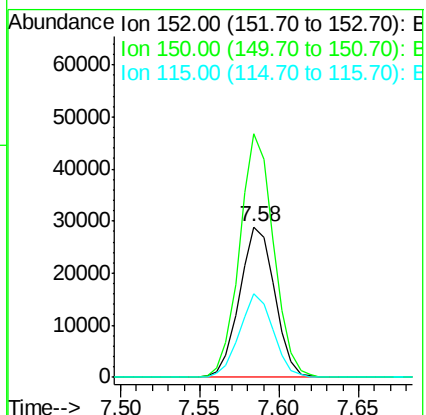
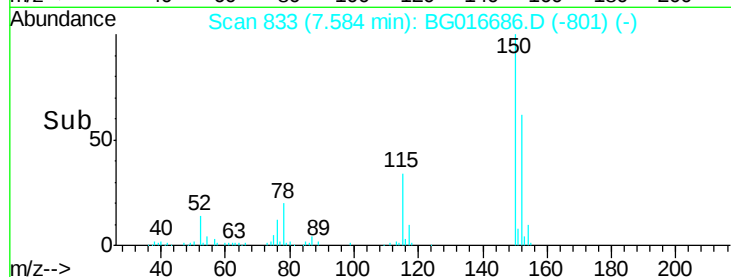
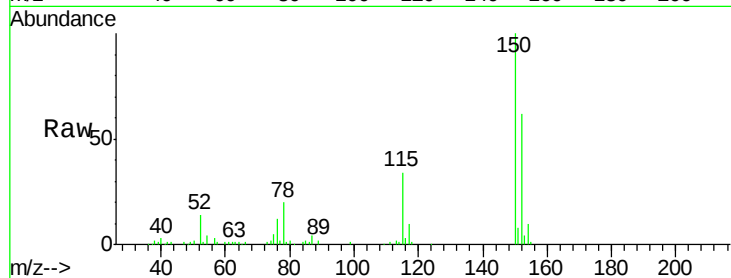
Tot Ion:152 Resp: 44469

Ion Ratio Lower Upper

152 100

150 161.5 129.6 194.4

115 55.6 43.0 64.6



#5

2-Fluorophenol

Concen: 135.70 ng

RT: 5.18 min Scan# 423

Delta R.T. -0.01 min

Lab File: BG016686.D

Acq: 24 Apr 2015 17:00

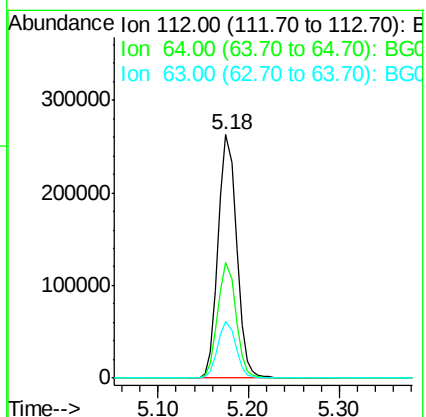
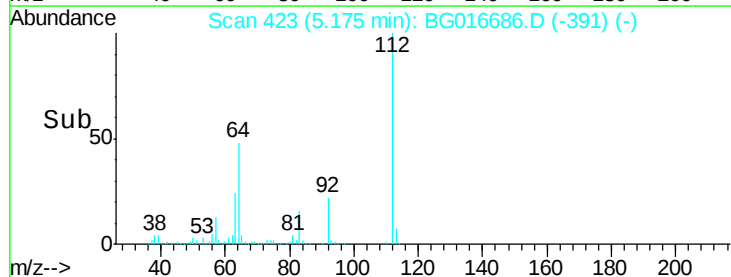
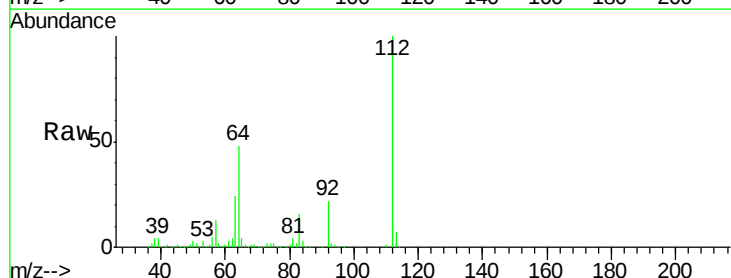
Tgt Ion:112 Resp: 371868

Ion Ratio Lower Upper

112 100

64 47.6 38.3 57.5

63 23.6 18.9 28.3





#7

Phenol-d6

Concen: 125.47 ng

RT: 6.79 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG016686.D

Acq: 24 Apr 2015 17:00

Instrument :

BNA_G

ClientSampleId :

PB82956TB

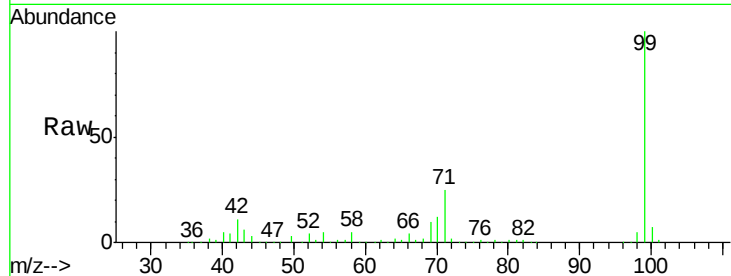
Tot Ion: 99 Resp: 482364

Ion Ratio Lower Upper

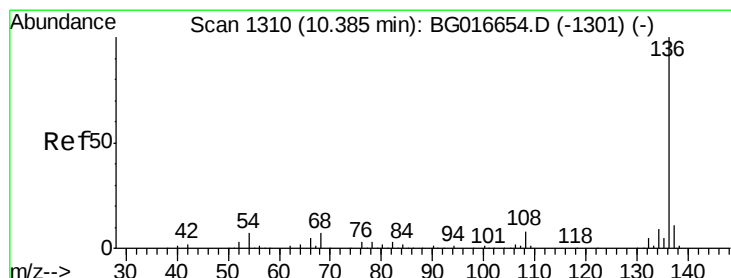
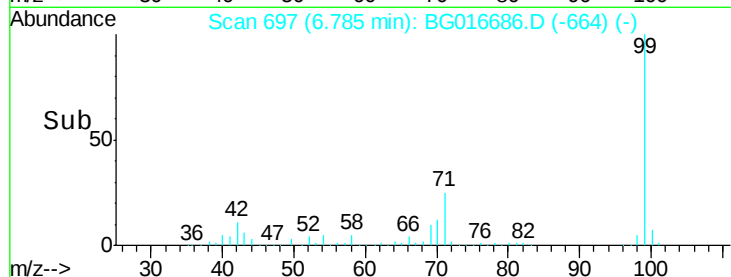
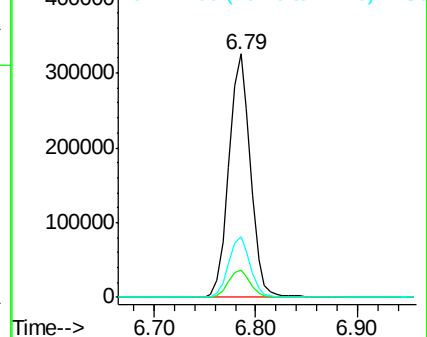
99 100

42 11.5 8.8 13.2

71 25.1 19.9 29.9



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: 10.37 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG016686.D

Acq: 24 Apr 2015 17:00

Tgt Ion: 136 Resp: 177444

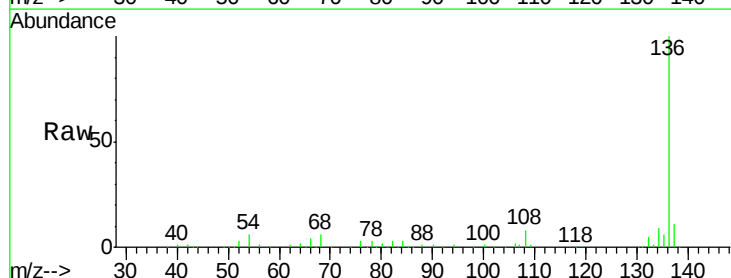
Ion Ratio Lower Upper

136 100

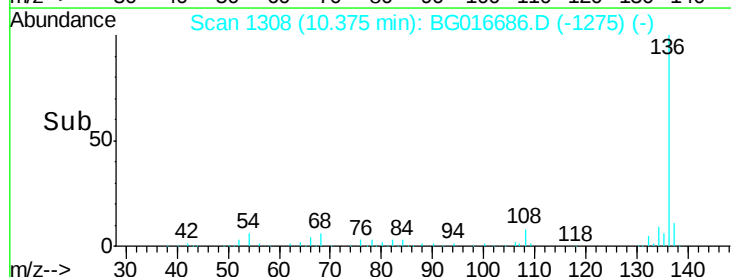
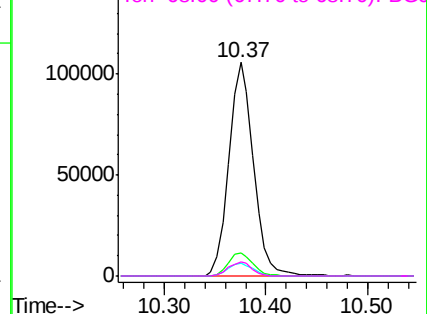
137 10.8 8.5 12.7

54 6.3 5.4 8.2

68 6.4 5.2 7.8



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

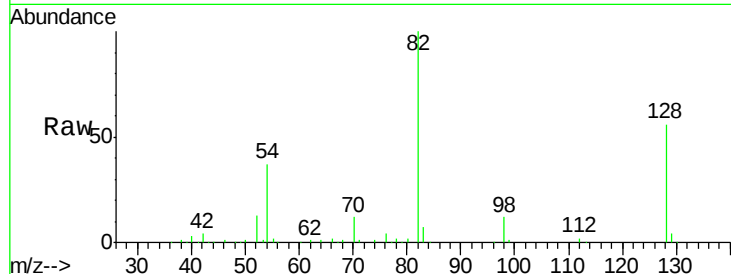




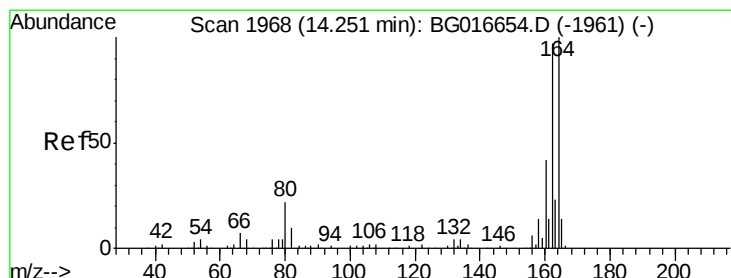
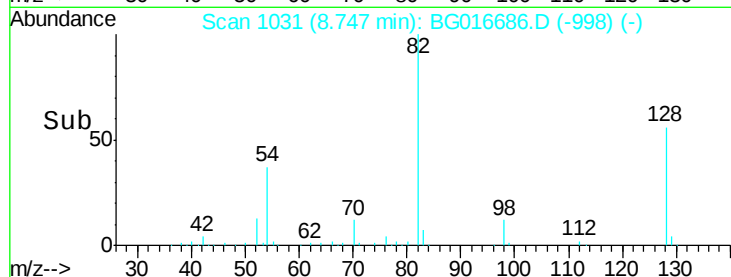
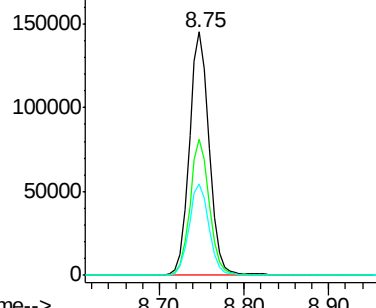
#23
 Nitrobenzene-d5
 Concen: 84.97 ng
 RT: 8.75 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BG016686.D
 Acq: 24 Apr 2015 17:00

Instrument :
 BNA_G
 ClientSampleId :
 PB82956TB

Tot Ion	82	Resp	238607
Ion Ratio	100	Lower	Upper
128	56.1	44.7	67.1
54	37.3	30.9	46.3

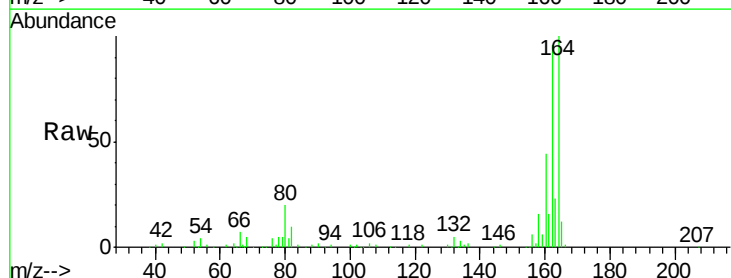


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

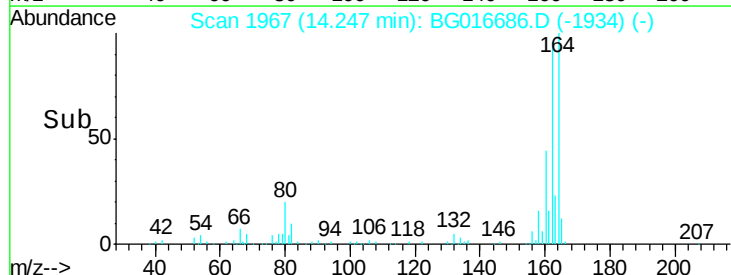
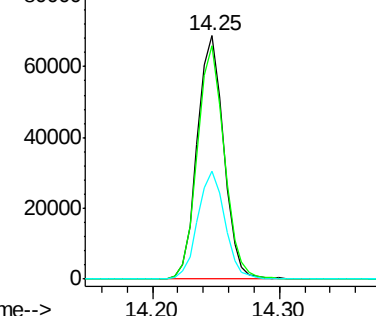


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG016686.D
 Acq: 24 Apr 2015 17:00

Tgt Ion	164	Resp	98959
Ion Ratio	100	Lower	Upper
162	95.9	77.3	115.9
160	44.2	33.7	50.5



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

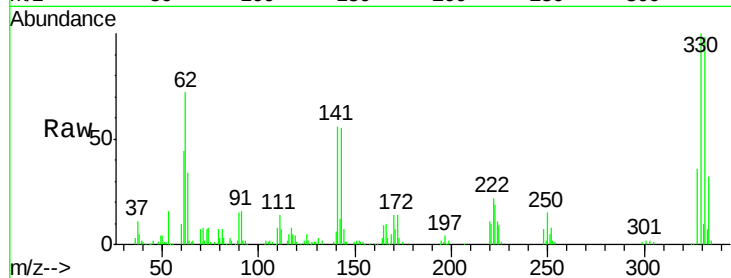




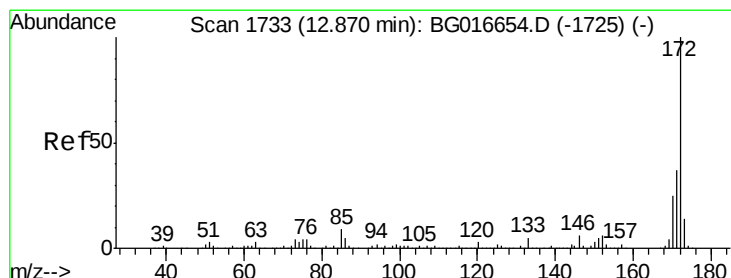
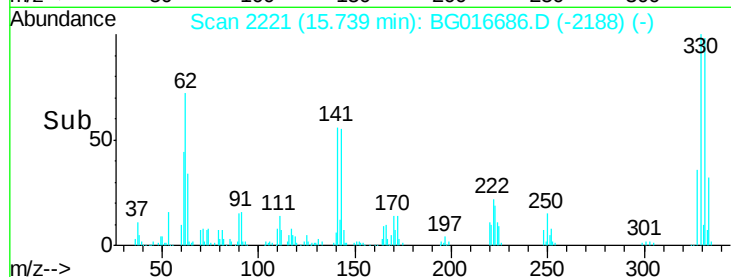
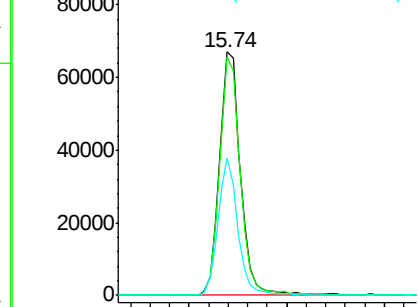
#41
 2,4,6-Tribromophenol
 Concen: 136.88 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG016686.D
 Acq: 24 Apr 2015 17:00

Instrument :
 BNA_G
 ClientSampleId :
 PB82956TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	53.3	43.0	64.6

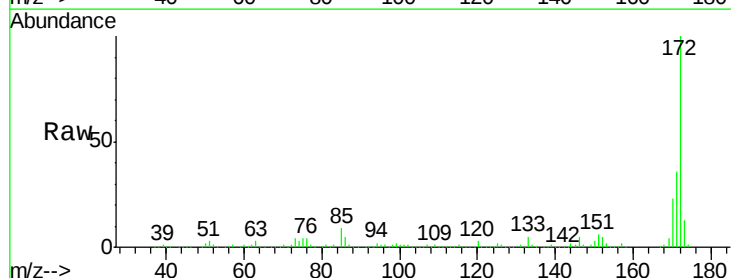


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

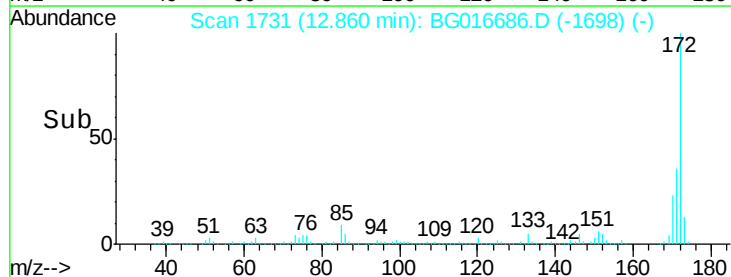
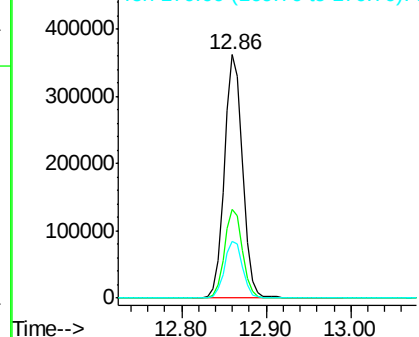


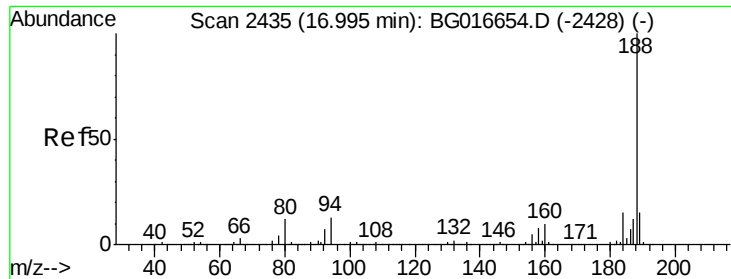
#44
 2-Fluorobiphenyl
 Concen: 87.77 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: BG016686.D
 Acq: 24 Apr 2015 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.9	44.9
170	23.4	19.8	29.8



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

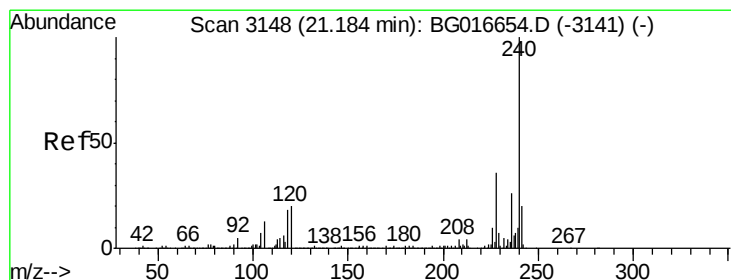
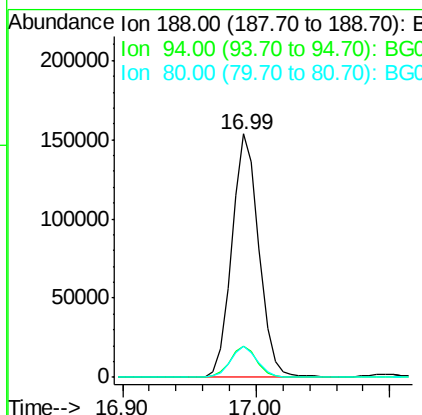
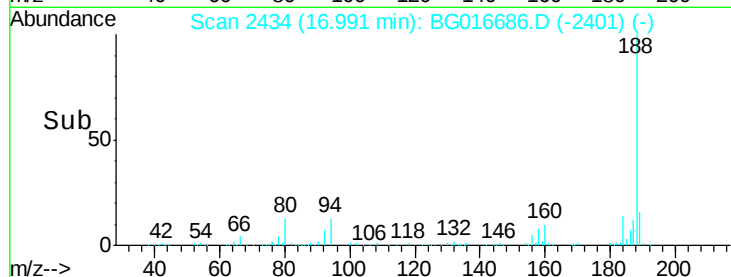
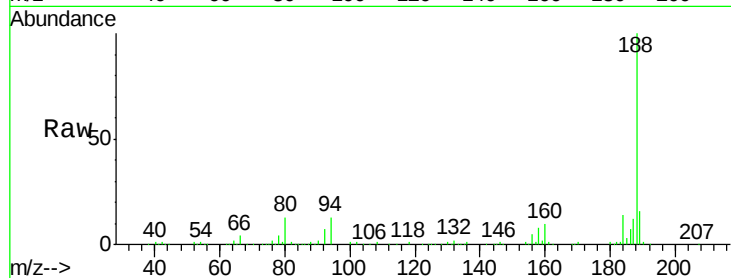




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG016686.D
Acq: 24 Apr 2015 17:00

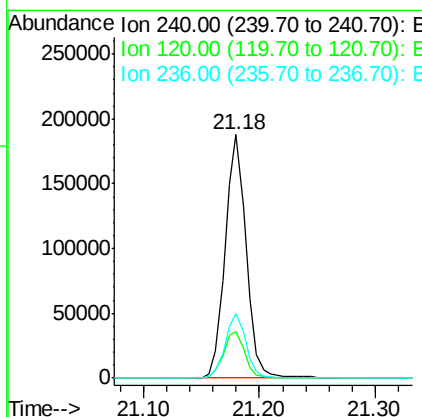
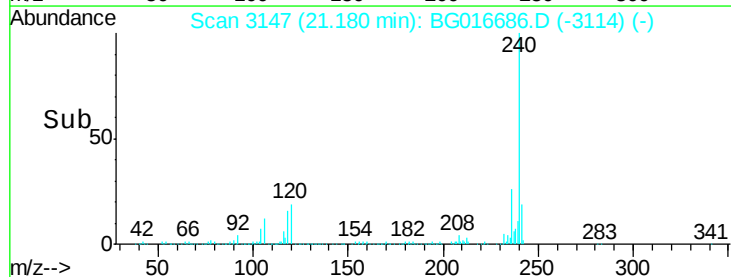
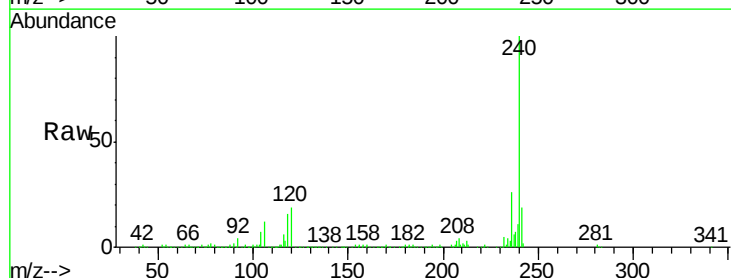
Instrument :
BNA_G
ClientSampleId :
PB82956TB

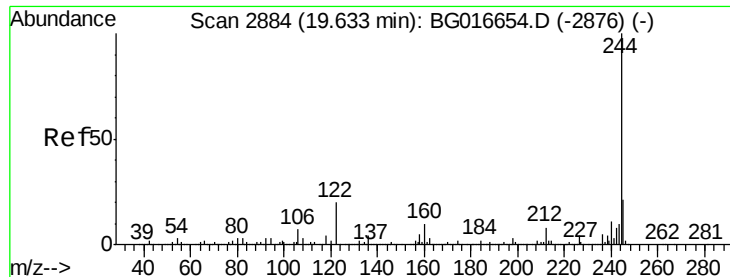
Tot Ion:188 Resp: 217240
Ion Ratio Lower Upper
188 100
94 12.7 10.7 16.1
80 12.6 9.9 14.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016686.D
Acq: 24 Apr 2015 17:00

Tgt Ion:240 Resp: 236248
Ion Ratio Lower Upper
240 100
120 18.9 16.3 24.5
236 26.3 21.1 31.7





#78

Terphenyl-d14

Concen: 76.97 ng

RT: 19.63 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG016686.D

Acq: 24 Apr 2015 17:00

Instrument :

BNA_G

ClientSampleId :

PB82956TB

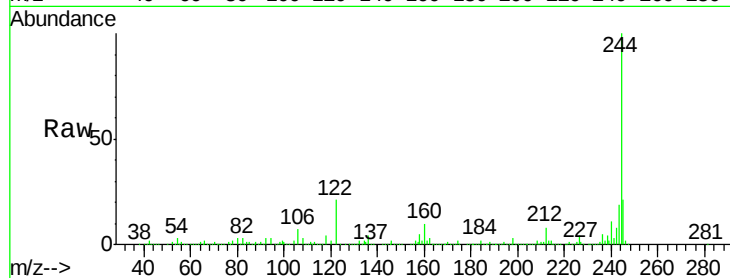
Tot Ion:244 Resp: 789372

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

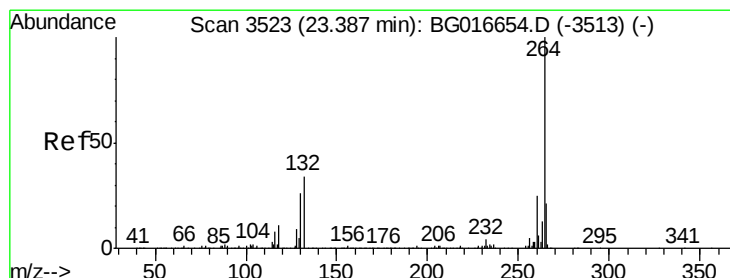
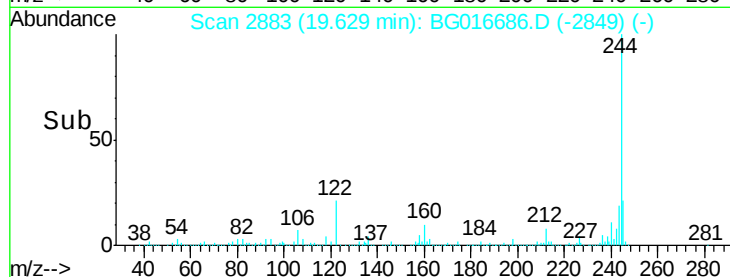
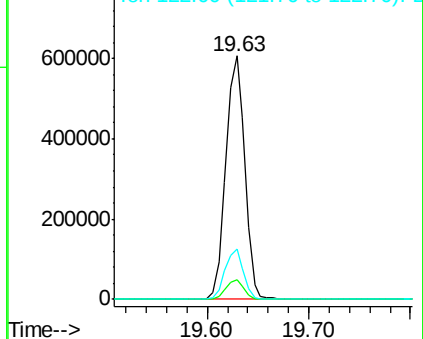
122 20.5 15.9 23.9



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: 23.38 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG016686.D

Acq: 24 Apr 2015 17:00

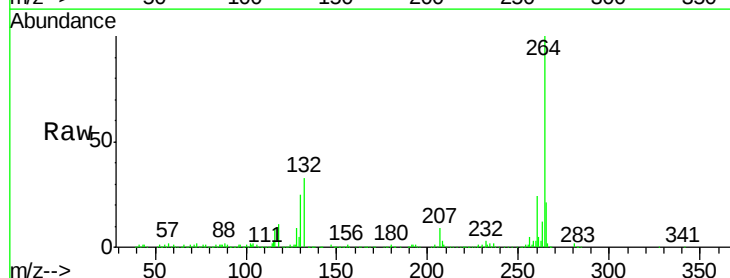
Tgt Ion:264 Resp: 230962

Ion Ratio Lower Upper

264 100

260 24.0 20.0 30.0

265 21.3 16.8 25.2



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

