

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050115\
 Data File : BG016851.D
 Acq On : 1 May 2015 18:48
 Operator : TP/IZ
 Sample : PB83121BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83121BL

Quant Time: May 02 00:04:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 23:47:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	50176	20.00	ng	0.00
21) Naphthalene-d8	10.03	136	202402	20.00	ng	0.00
38) Acenaphthene-d10	13.94	164	107982	20.00	ng	0.00
63) Phenanthrene-d10	16.69	188	222632	20.00	ng	0.00
75) Chrysene-d12	20.91	240	216673	20.00	ng	0.00
86) Perylene-d12	22.98	264	202067	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.87	112	386652	141.95	ng	0.00
7) Phenol-d6	6.48	99	503875	131.79	ng	0.00
23) Nitrobenzene-d5	8.42	82	240351	77.36	ng	0.00
41) 2,4,6-Tribromophenol	15.45	330	109215	135.80	ng	0.00
44) 2-Fluorobiphenyl	12.55	172	575249	82.48	ng	0.00
78) Terphenyl-d14	19.36	244	753146	83.84	ng	0.00

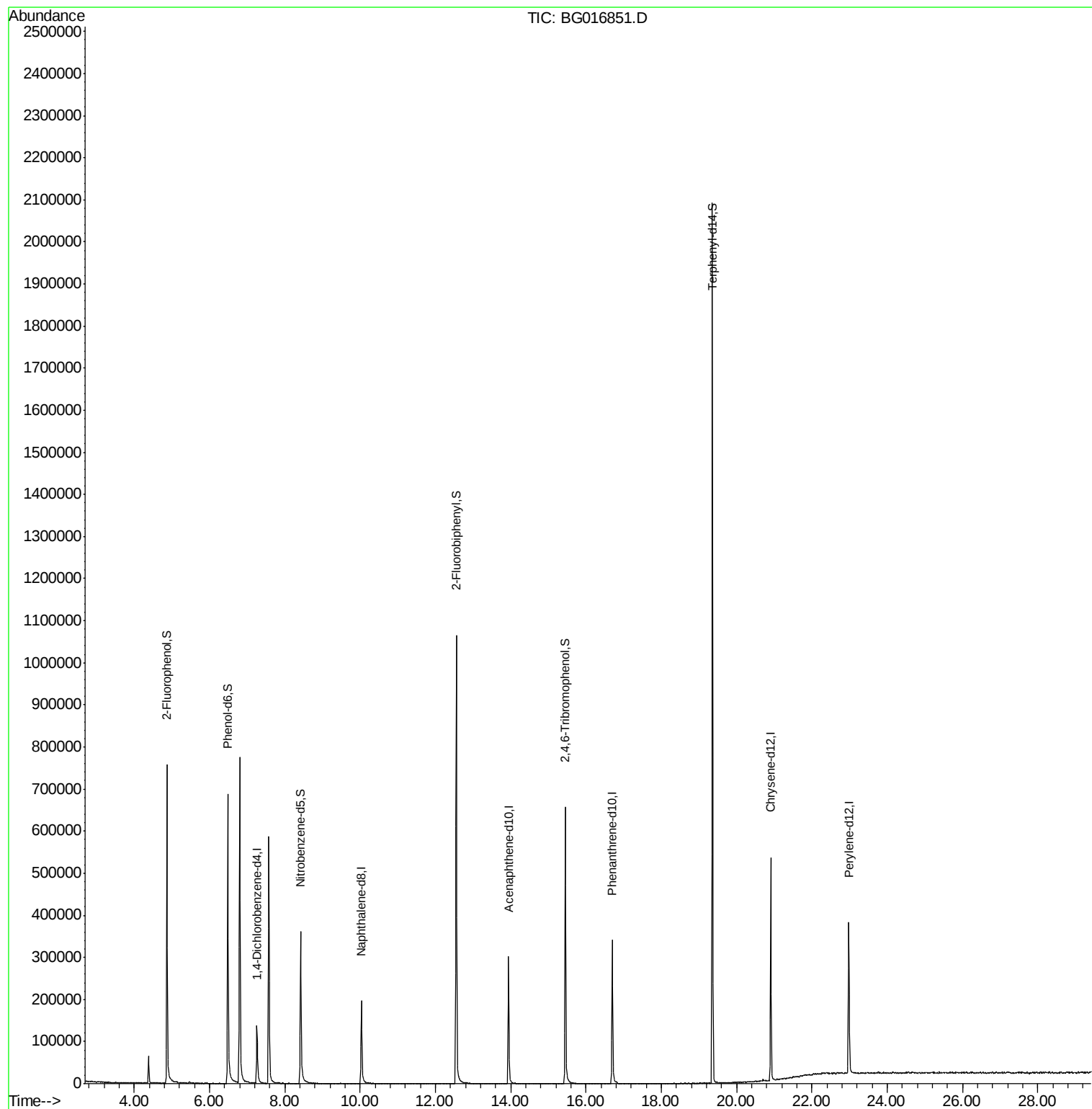
Target Compounds	Qvalue
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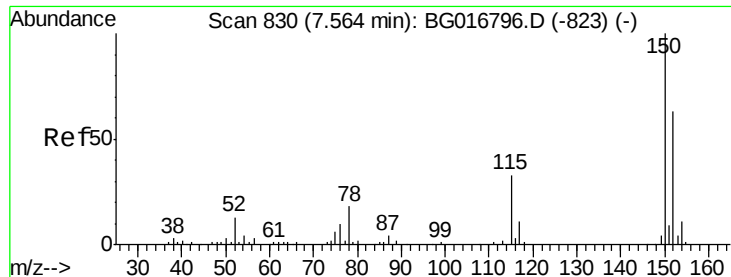
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.26 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG016851.D

Acq: 1 May 2015 18:48

Instrument :

BNA_G

ClientSampleId :

PB83121BL

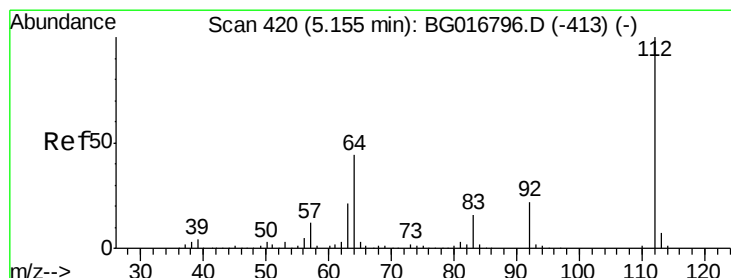
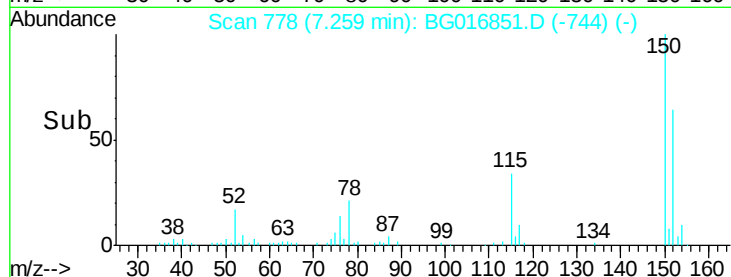
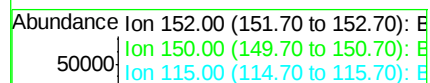
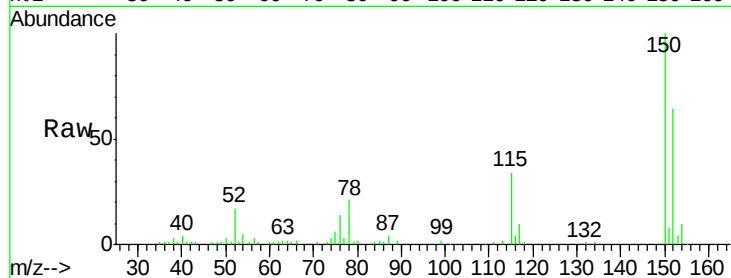
Tgt Ion:152 Resp: 50176

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.4

115 53.5 41.1 61.7



#5

2-Fluorophenol

Concen: 141.95 ng

RT: 4.87 min Scan# 371

Delta R.T. 0.01 min

Lab File: BG016851.D

Acq: 1 May 2015 18:48

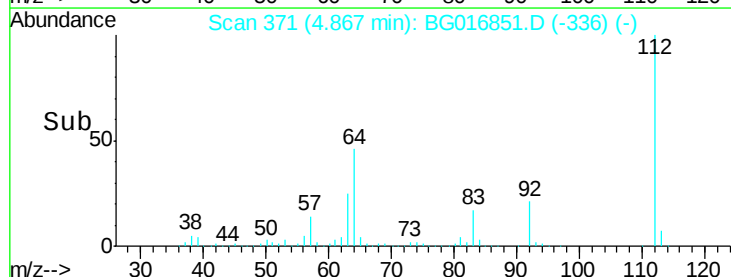
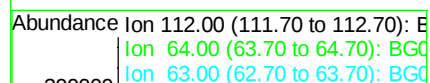
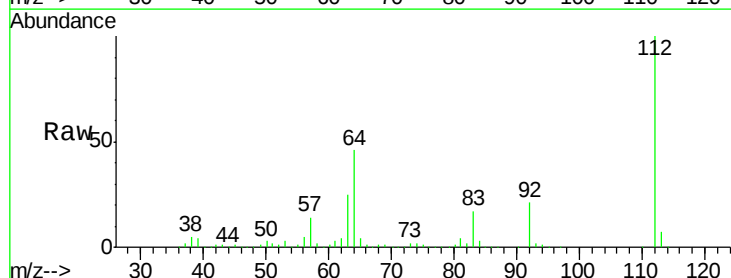
Tgt Ion:112 Resp: 386652

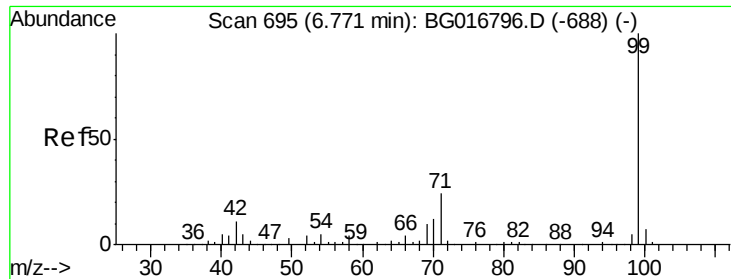
Ion Ratio Lower Upper

112 100

64 46.4 35.5 53.3

63 24.9 17.2 25.8





#7

Phenol-d6

Concen: 131.79 ng

RT: 6.48 min Scan# 646

Delta R.T. 0.01 min

Lab File: BG016851.D

Acq: 1 May 2015 18:48

Instrument :

BNA_G

ClientSampleId :

PB83121BL

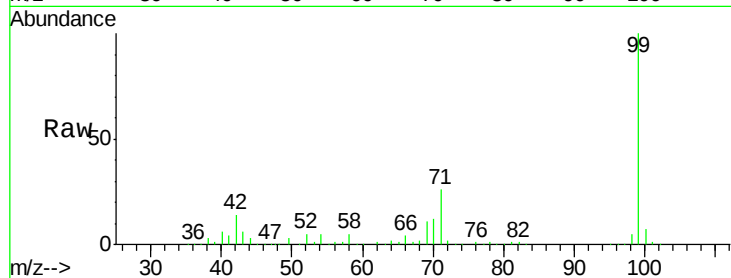
Tgt Ion: 99 Resp: 503875

Ion Ratio Lower Upper

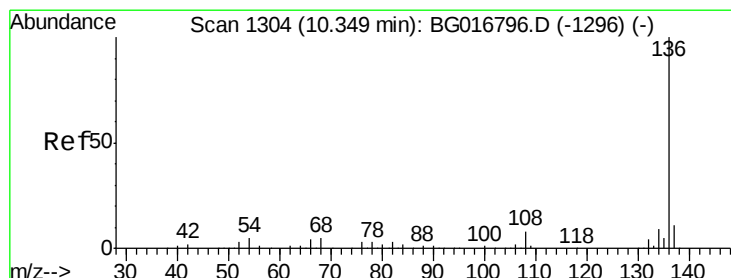
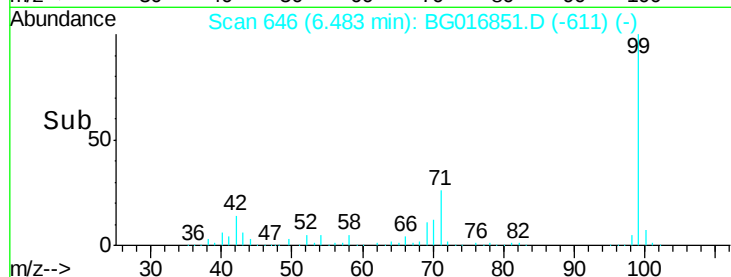
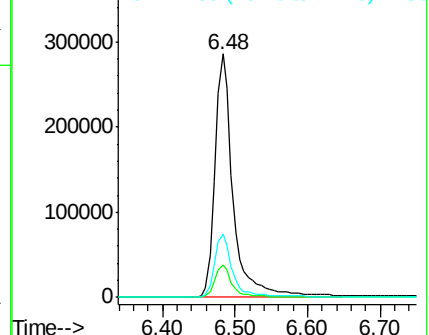
99 100

42 13.6 8.9 13.3#

71 26.1 19.0 28.6



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: 10.03 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BG016851.D

Acq: 1 May 2015 18:48

Tgt Ion: 136 Resp: 202402

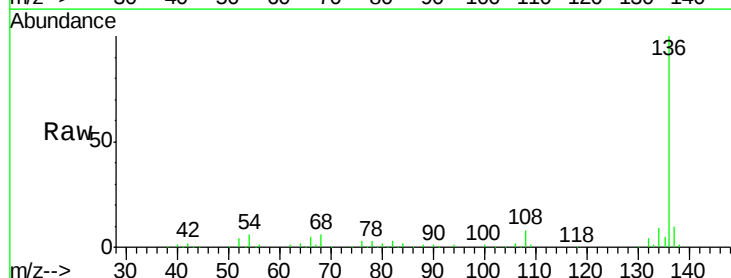
Ion Ratio Lower Upper

136 100

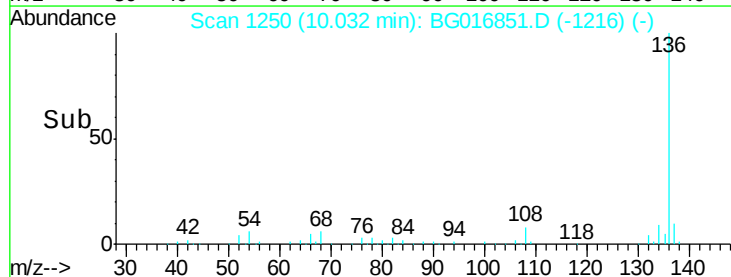
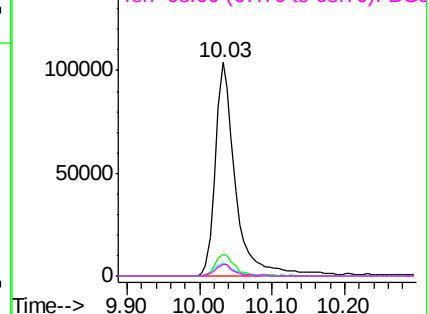
137 10.2 8.6 12.8

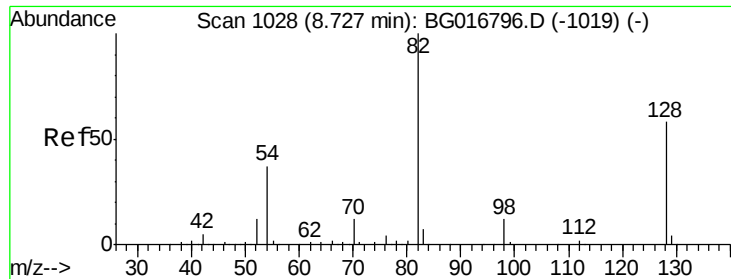
54 6.3 4.3 6.5

68 5.7 4.3 6.5



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

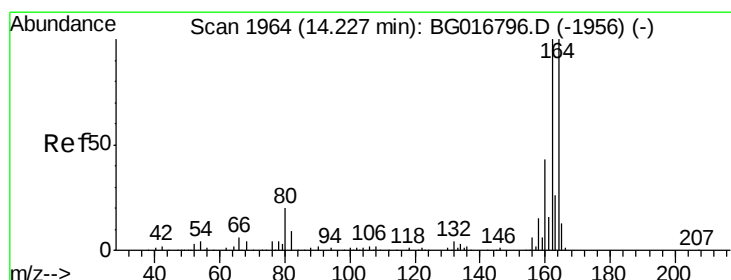
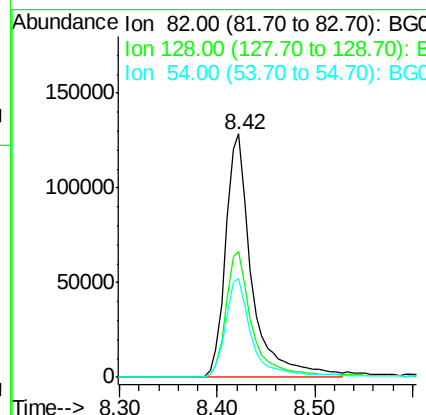
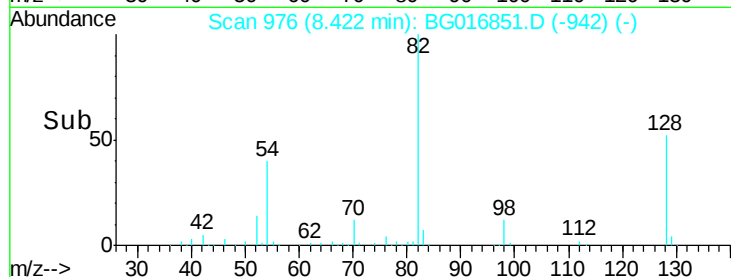
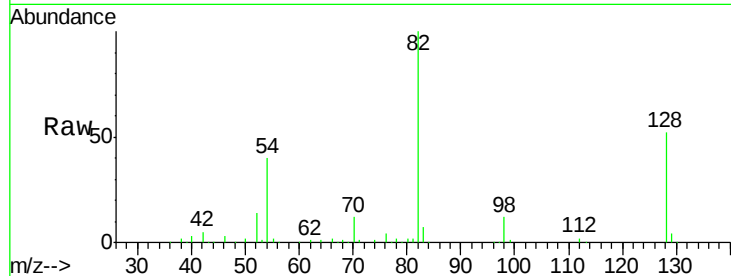




#23
 Nitrobenzene-d5
 Concen: 77.36 ng
 RT: 8.42 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BG016851.D
 Acq: 1 May 2015 18:48

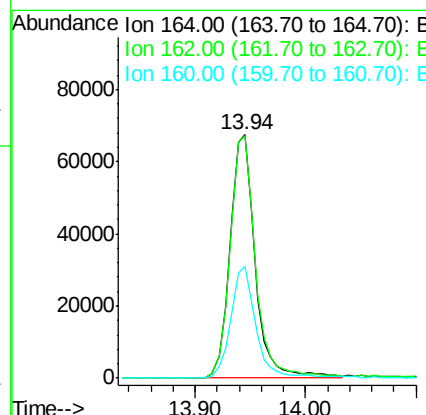
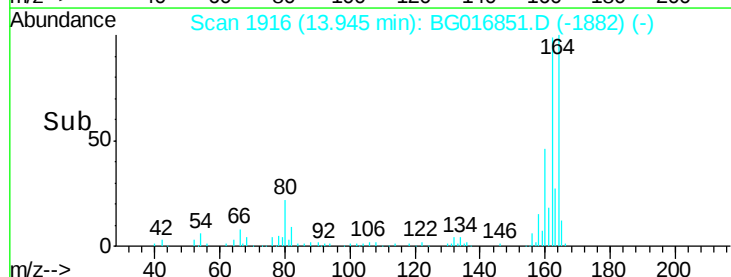
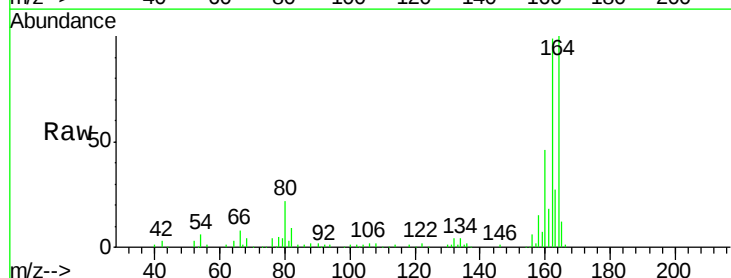
Instrument :
 BNA_G
 ClientSampleId :
 PB83121BL

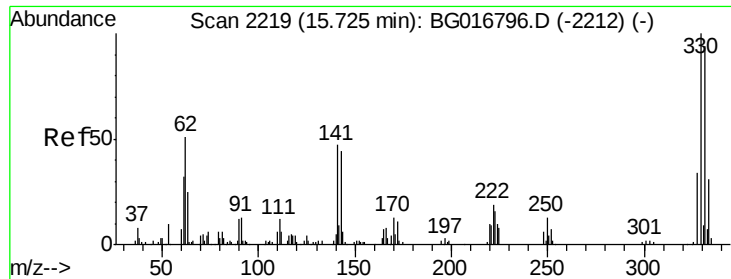
Tgt Ion: 82 Resp: 240351
 Ion Ratio Lower Upper
 82 100
 128 52.0 46.3 69.5
 54 40.4 30.0 45.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BG016851.D
 Acq: 1 May 2015 18:48

Tgt Ion: 164 Resp: 107982
 Ion Ratio Lower Upper
 164 100
 162 99.3 80.2 120.4
 160 46.1 34.8 52.2

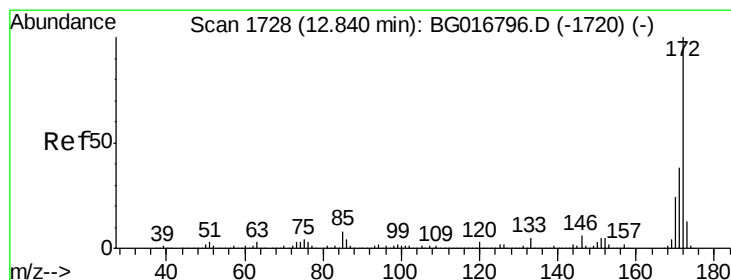
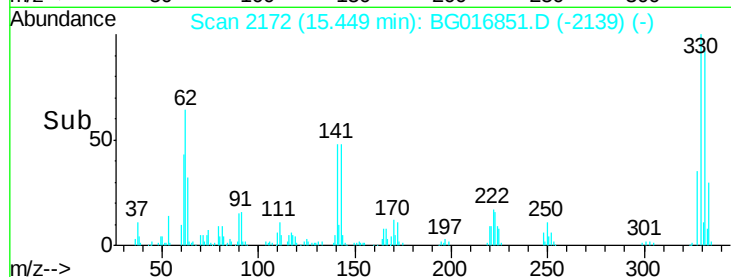
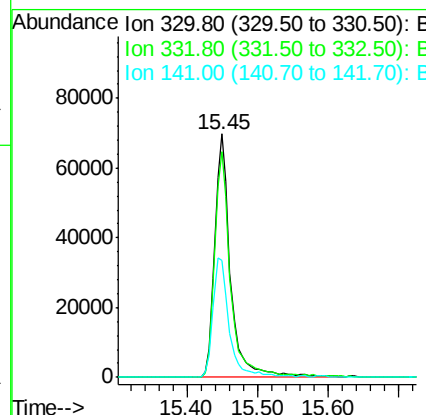
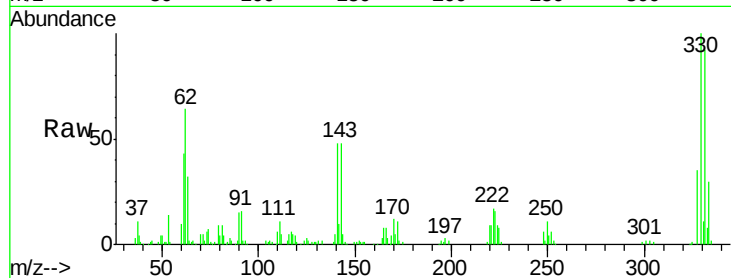




#41
 2,4,6-Tribromophenol
 Concen: 135.80 ng
 RT: 15.45 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG016851.D
 Acq: 1 May 2015 18:48

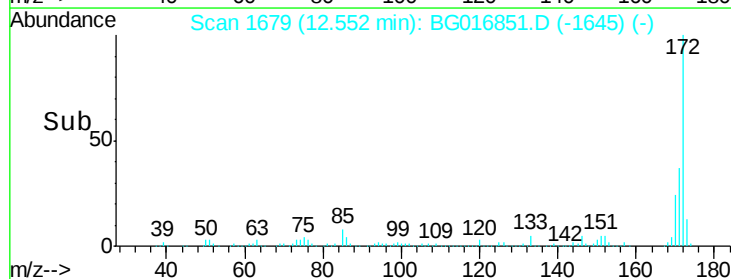
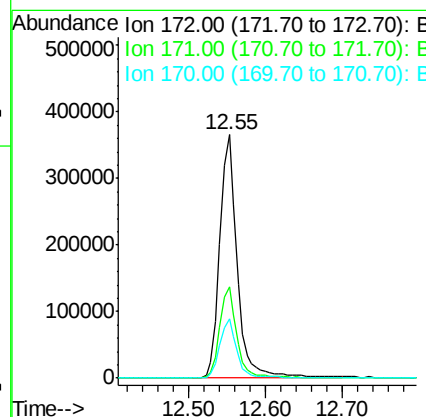
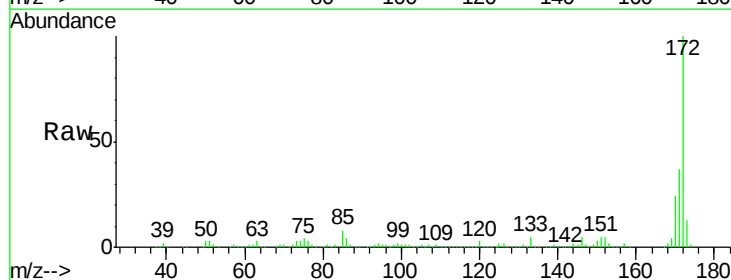
Instrument :
 BNA_G
 ClientSampleId :
 PB83121BL

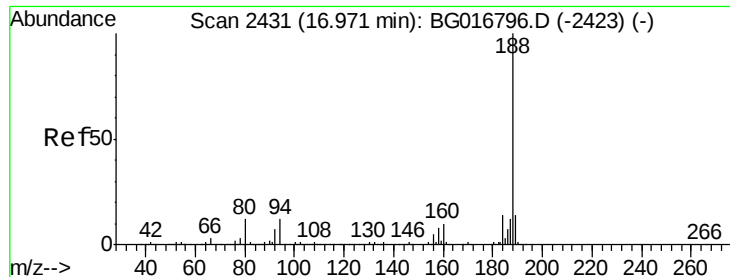
Tgt Ion:330 Resp: 109215
 Ion Ratio Lower Upper
 330 100
 332 92.8 75.3 112.9
 141 49.7 40.7 61.1



#44
 2-Fluorobiphenyl
 Concen: 82.48 ng
 RT: 12.55 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG016851.D
 Acq: 1 May 2015 18:48

Tgt Ion:172 Resp: 575249
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.2 45.4
 170 24.2 19.4 29.0

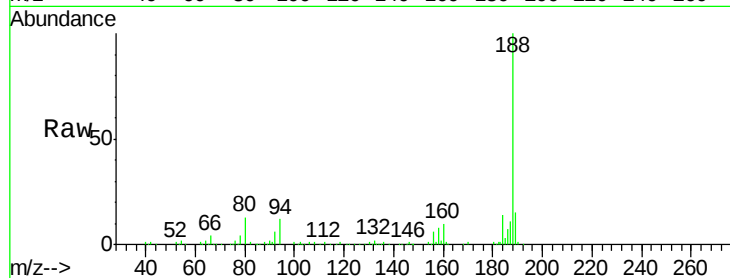




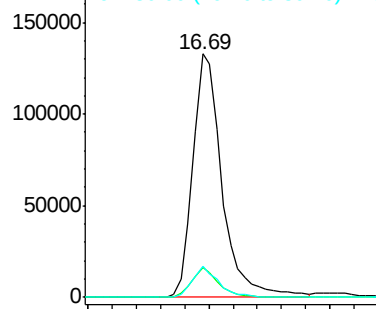
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.69 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG016851.D
Acq: 1 May 2015 18:48

Instrument :
BNA_G
ClientSampleId :
PB83121BL

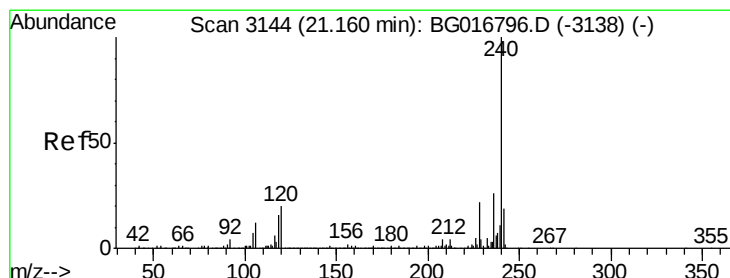
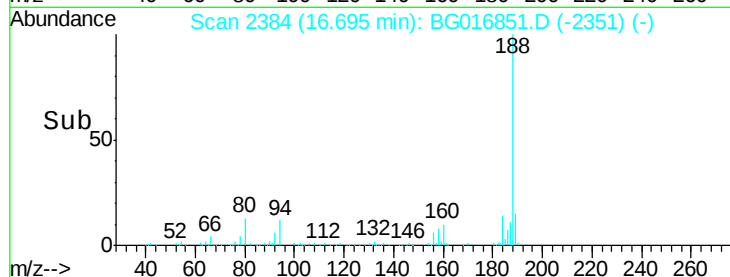
Tgt Ion:188 Resp: 222632
Ion Ratio Lower Upper
188 100
94 12.4 9.5 14.3
80 12.8 9.2 13.8



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

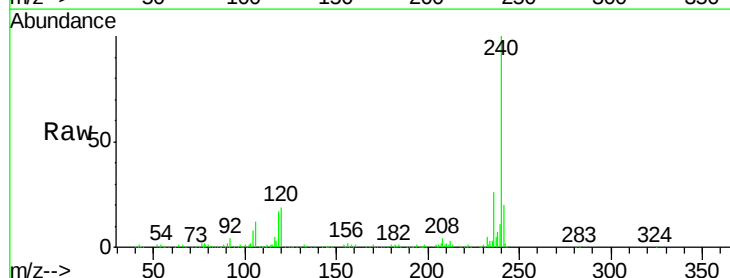


Time--> 16.60 16.70 16.80

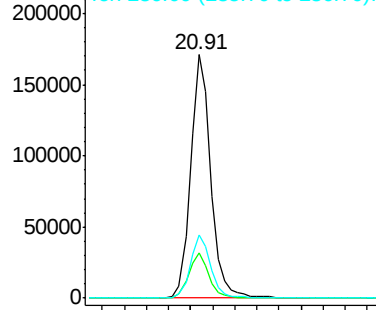


#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.91 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BG016851.D
Acq: 1 May 2015 18:48

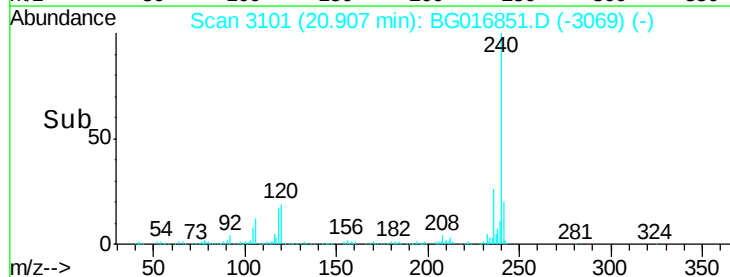
Tgt Ion:240 Resp: 216673
Ion Ratio Lower Upper
240 100
120 18.7 16.1 24.1
236 25.7 21.0 31.6

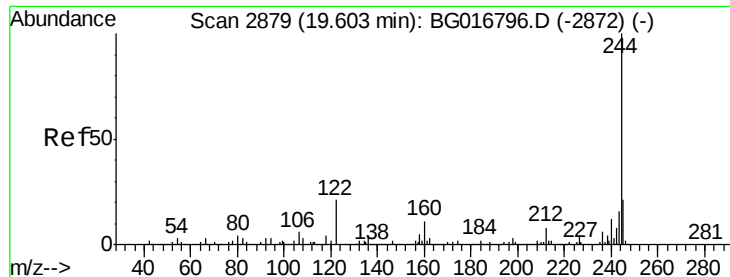


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 20.90 21.00





#78

Terphenyl-d14

Concen: 83.84 ng

RT: 19.36 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG016851.D

Acq: 1 May 2015 18:48

Instrument :

BNA_G

ClientSampleId :

PB83121BL

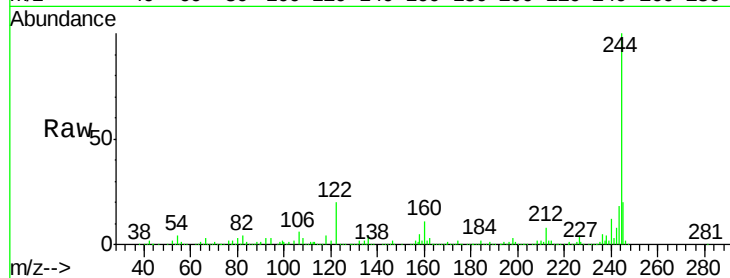
Tgt Ion:244 Resp: 753146

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

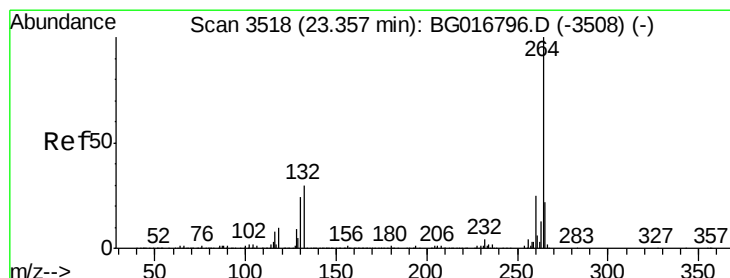
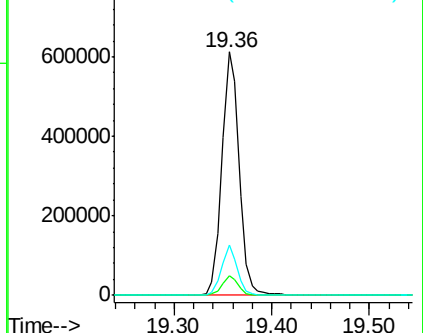
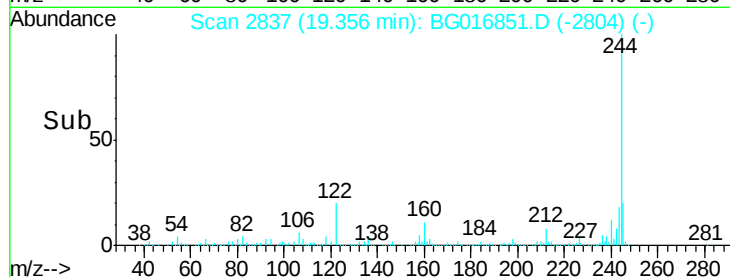
122 20.5 16.4 24.6



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: 22.98 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BG016851.D

Acq: 1 May 2015 18:48

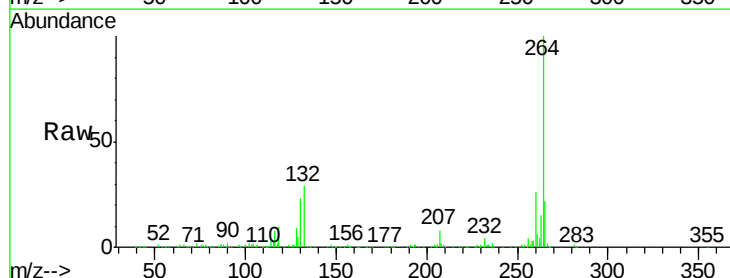
Tgt Ion:264 Resp: 202067

Ion Ratio Lower Upper

264 100

260 26.2 19.7 29.5

265 22.3 17.4 26.2



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

