

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050115\
 Data File : BG016843.D
 Acq On : 1 May 2015 14:10
 Operator : TP/IZ
 Sample : PB83075BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83075BL

Quant Time: May 02 00:02:41 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	7.25	152	48919	20.00	ng	0.00
21) Naphthalene-d8	10.03	136	195500	20.00	ng	0.00
38) Acenaphthene-d10	13.94	164	107197	20.00	ng	0.00
63) Phenanthrene-d10	16.70	188	222925	20.00	ng	0.00
75) Chrysene-d12	20.91	240	216028	20.00	ng	0.00
86) Perylene-d12	22.98	264	195532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.86	112	388507	146.29	ng	0.00
7) Phenol-d6	6.48	99	501042	134.41	ng	0.00
23) Nitrobenzene-d5	8.42	82	250175	83.36	ng	0.00
41) 2,4,6-Tribromophenol	15.45	330	109066	136.61	ng	0.00
44) 2-Fluorobiphenyl	12.55	172	600049	86.67	ng	0.00
78) Terphenyl-d14	19.36	244	819342	91.48	ng	0.00

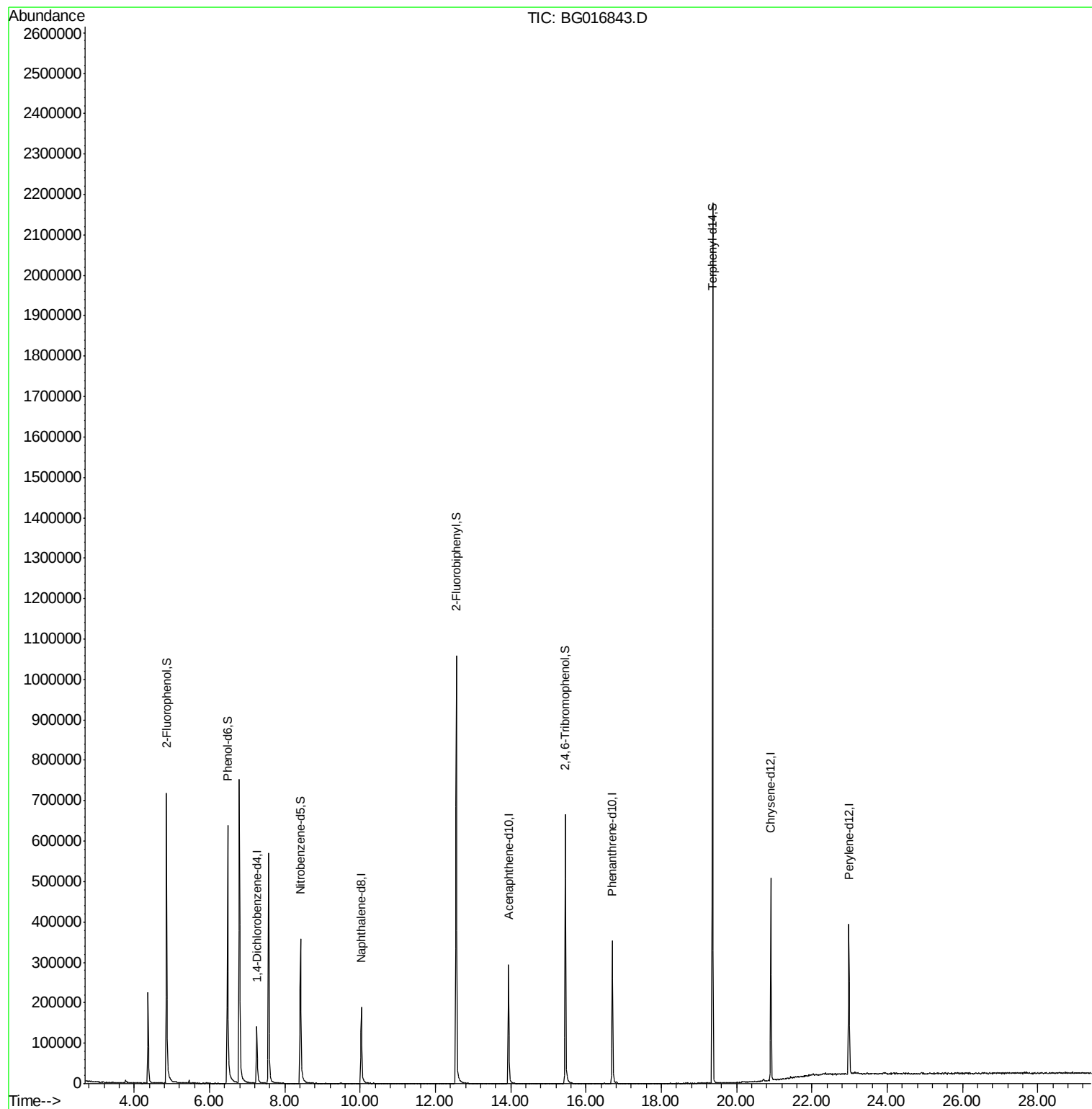
Target Compounds	Qvalue
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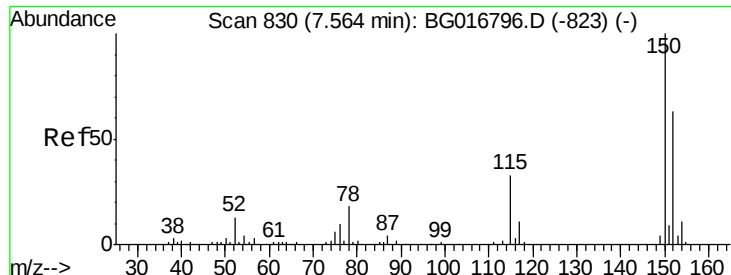
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.25 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG016843.D

Acq: 1 May 2015 14:10

Instrument :

BNA_G

ClientSampled :

PB83075BL

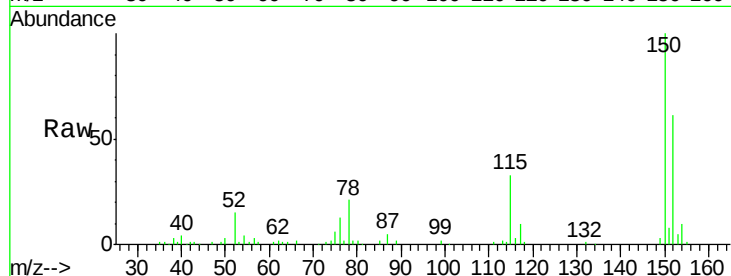
Tgt Ion:152 Resp: 48919

Ion Ratio Lower Upper

152 100

150 162.8 126.2 189.4

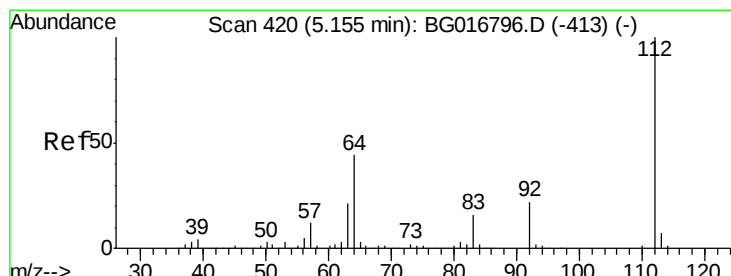
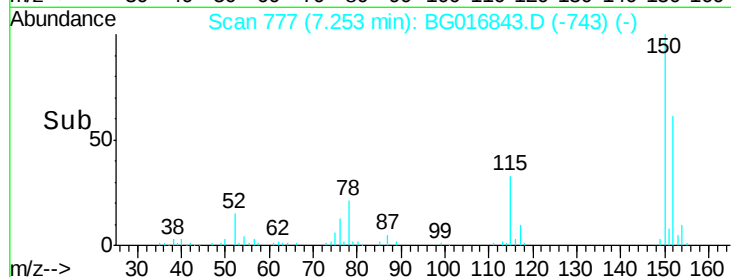
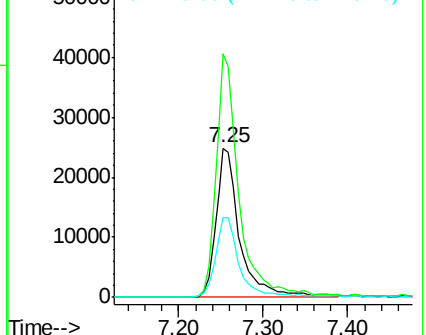
115 53.2 41.1 61.7



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: 146.29 ng

RT: 4.86 min Scan# 369

Delta R.T. -0.00 min

Lab File: BG016843.D

Acq: 1 May 2015 14:10

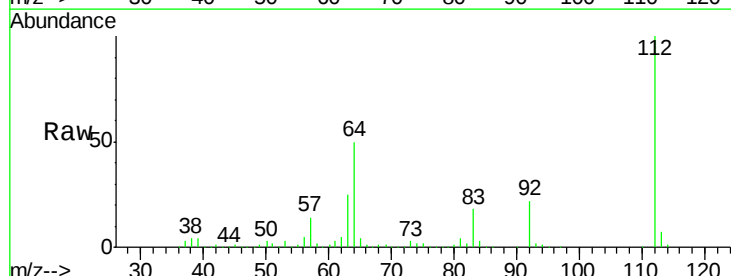
Tgt Ion:112 Resp: 388507

Ion Ratio Lower Upper

112 100

64 49.5 35.5 53.3

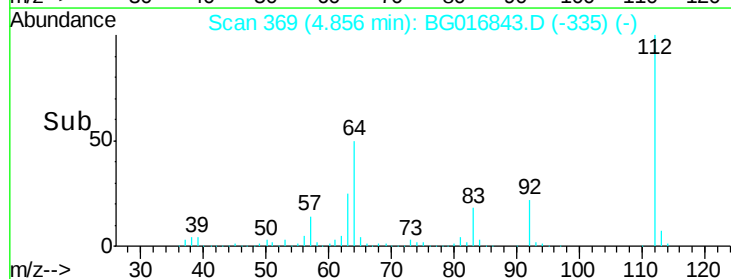
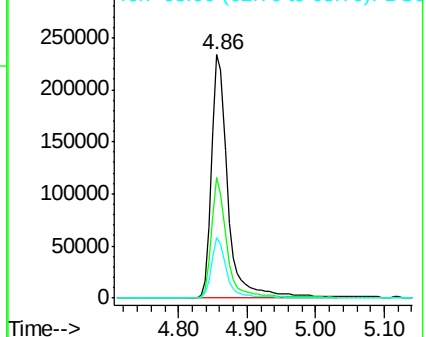
63 24.9 17.2 25.8

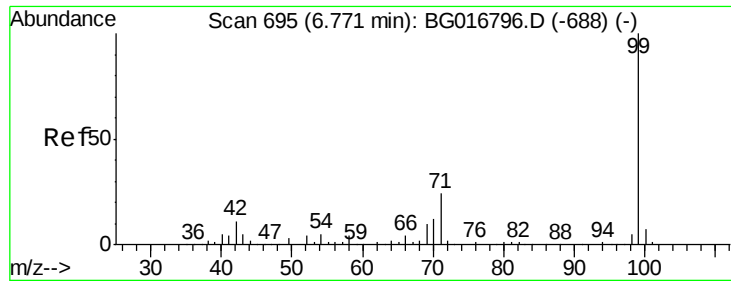


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.41 ng

RT: 6.48 min Scan# 645

Delta R.T. 0.00 min

Lab File: BG016843.D

Acq: 1 May 2015 14:10

Instrument :

BNA_G

ClientSampleId :

PB83075BL

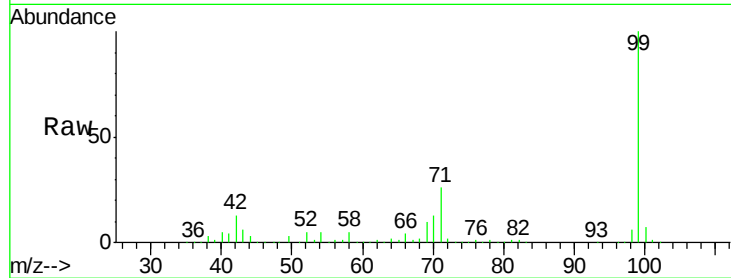
Tgt Ion: 99 Resp: 501042

Ion Ratio Lower Upper

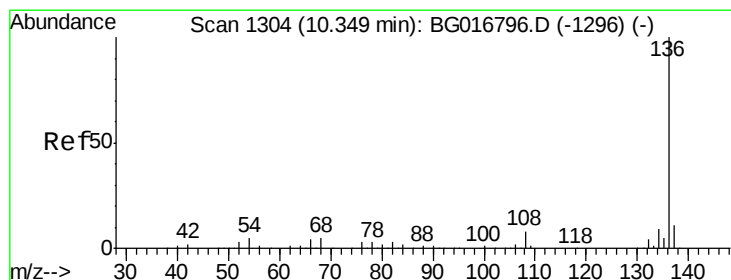
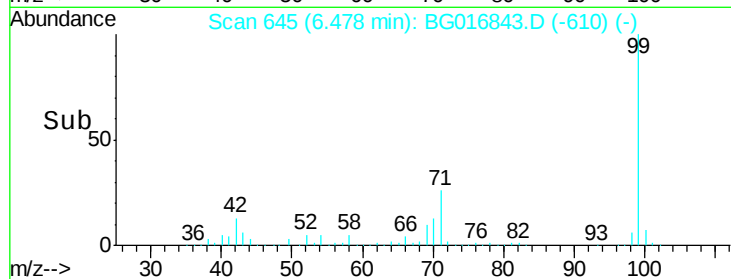
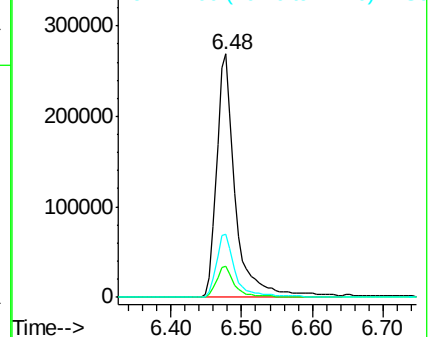
99 100

42 12.7 8.9 13.3

71 26.0 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: BG016843.D

Acq: 1 May 2015 14:10

Tgt Ion: 136 Resp: 195500

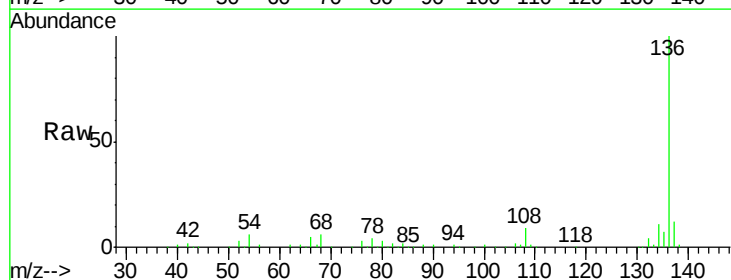
Ion Ratio Lower Upper

136 100

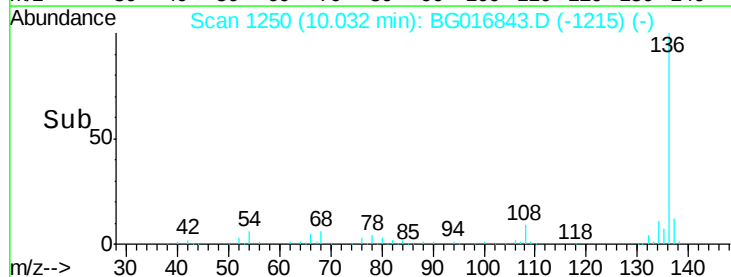
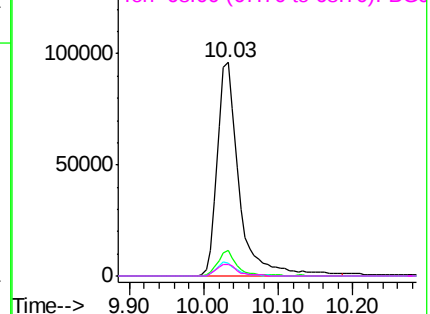
137 11.9 8.6 12.8

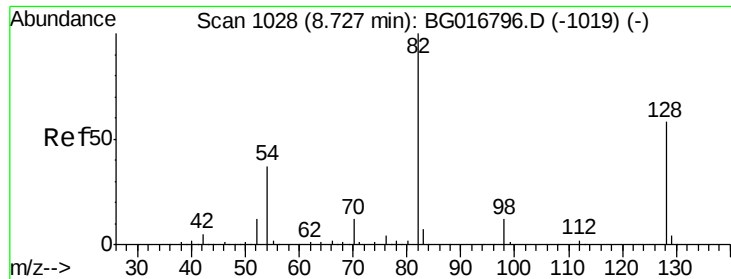
54 6.3 4.3 6.5

68 5.5 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

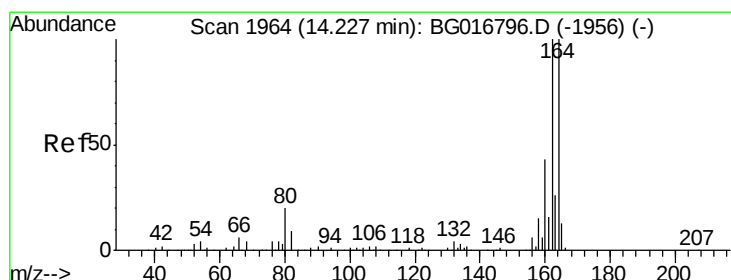
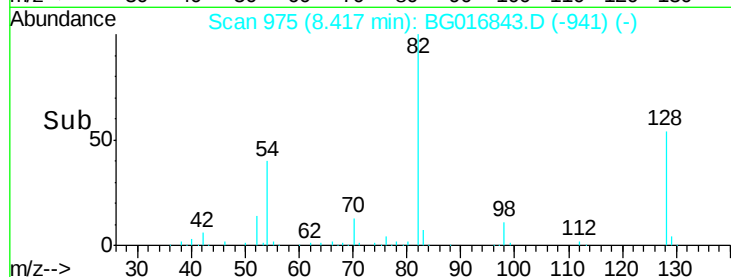
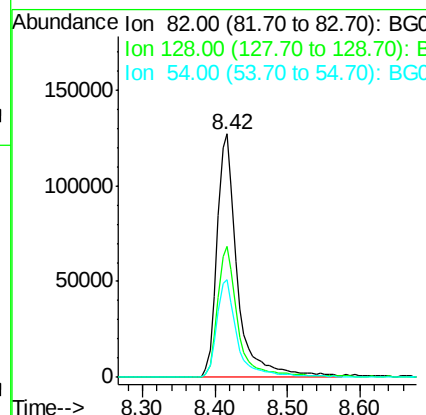
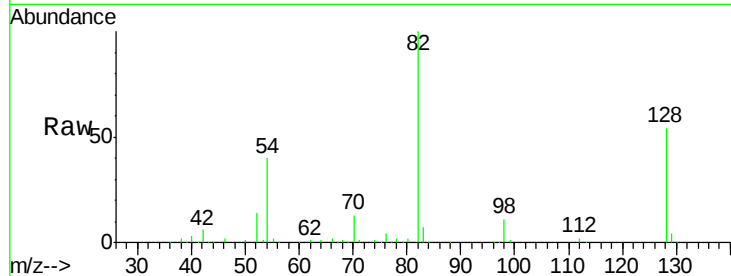




#23
 Nitrobenzene-d5
 Concen: 83.36 ng
 RT: 8.42 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BG016843.D
 Acq: 1 May 2015 14:10

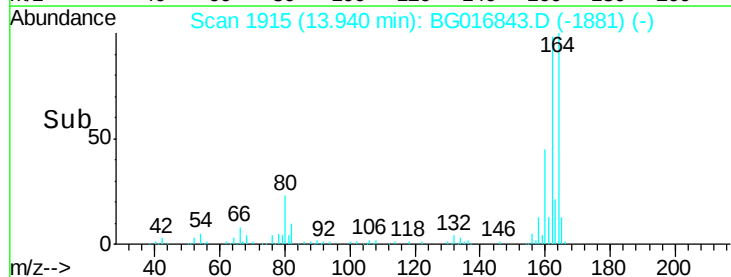
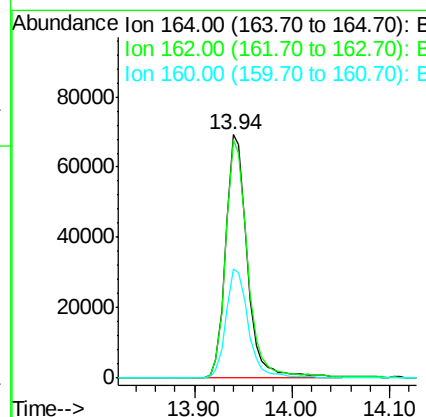
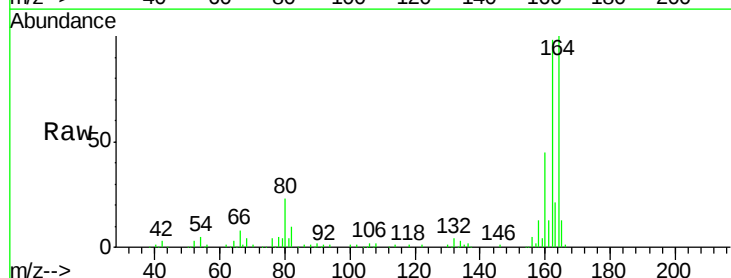
Instrument :
 BNA_G
 ClientSampleId :
 PB83075BL

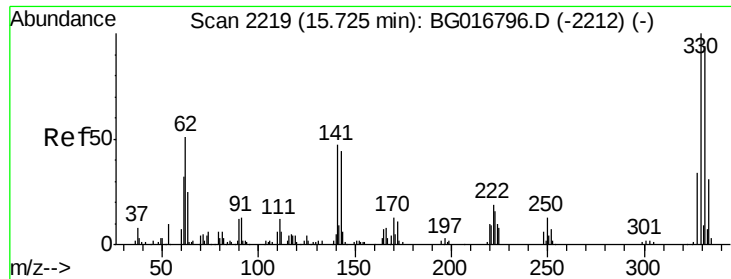
Tgt Ion: 82 Resp: 250175
 Ion Ratio Lower Upper
 82 100
 128 53.6 46.3 69.5
 54 40.0 30.0 45.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BG016843.D
 Acq: 1 May 2015 14:10

Tgt Ion: 164 Resp: 107197
 Ion Ratio Lower Upper
 164 100
 162 98.1 80.2 120.4
 160 44.8 34.8 52.2

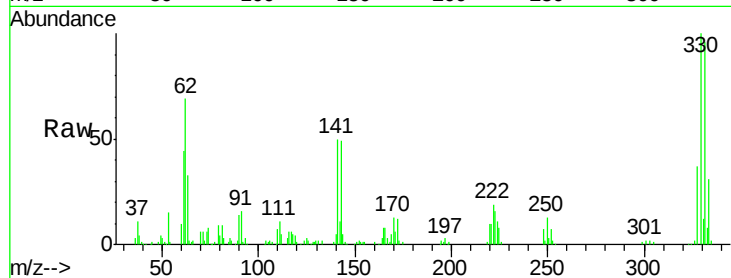




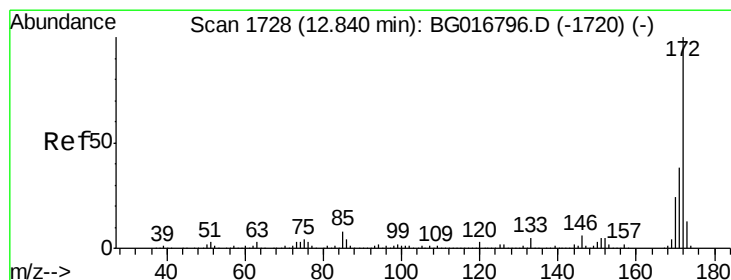
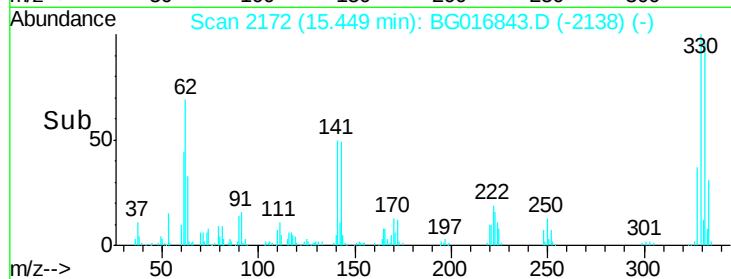
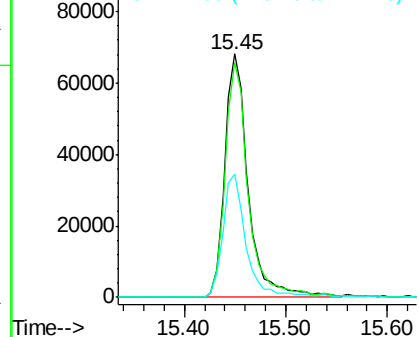
#41
 2,4,6-Tribromophenol
 Concen: 136.61 ng
 RT: 15.45 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG016843.D
 Acq: 1 May 2015 14:10

Instrument :
 BNA_G
 ClientSampleId :
 PB83075BL

Tgt Ion:330 Resp: 109066
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.3 112.9
 141 49.8 40.7 61.1

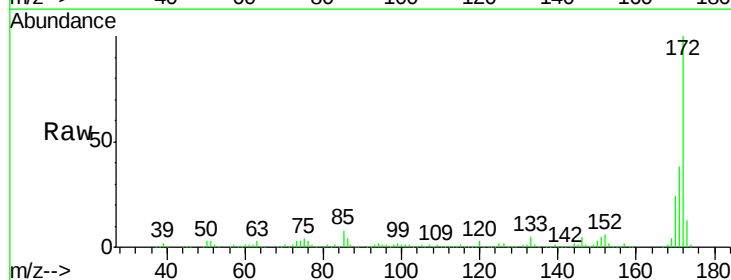


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

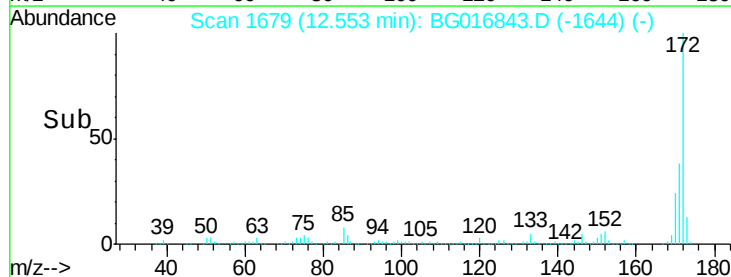
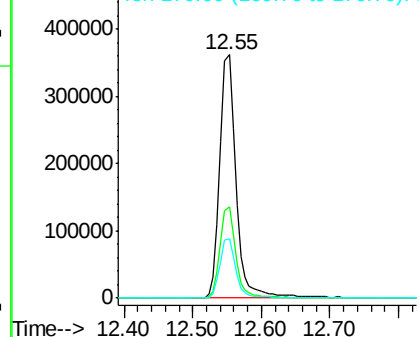


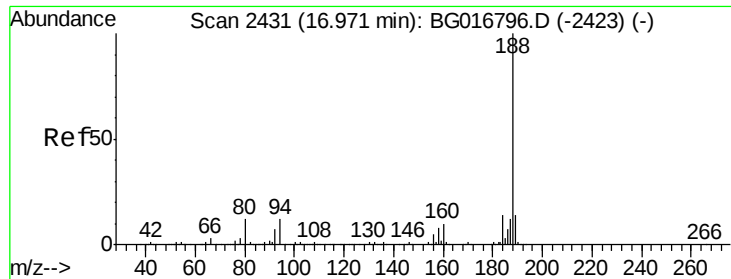
#44
 2-Fluorobiphenyl
 Concen: 86.67 ng
 RT: 12.55 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG016843.D
 Acq: 1 May 2015 14:10

Tgt Ion:172 Resp: 600049
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.2 45.4
 170 24.4 19.4 29.0



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: 16.70 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG016843.D

Acq: 1 May 2015 14:10

Instrument :

BNA_G

ClientSampleId :

PB83075BL

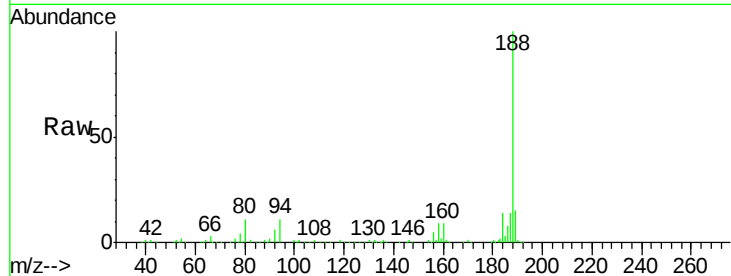
Tgt Ion:188 Resp: 222925

Ion Ratio Lower Upper

188 100

94 11.2 9.5 14.3

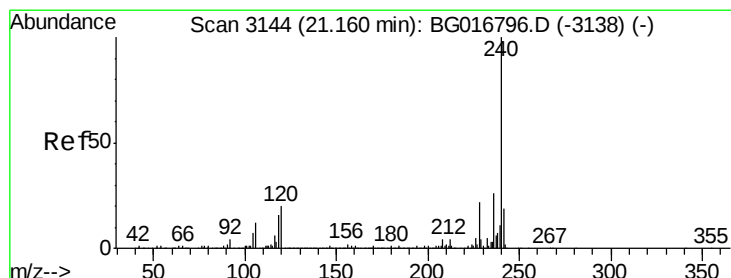
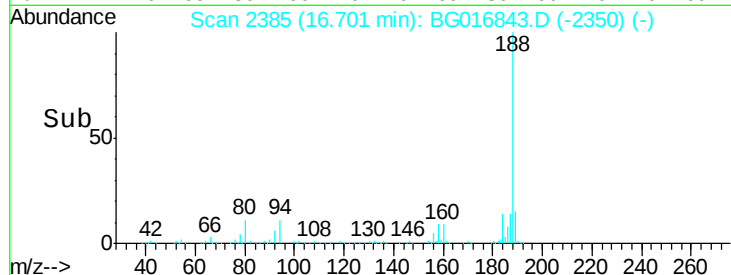
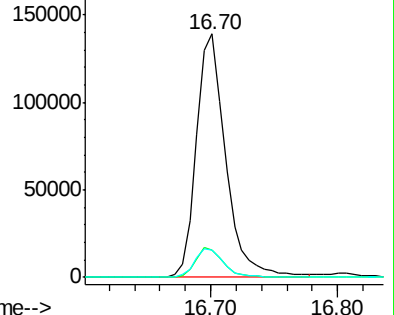
80 11.1 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.91 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BG016843.D

Acq: 1 May 2015 14:10

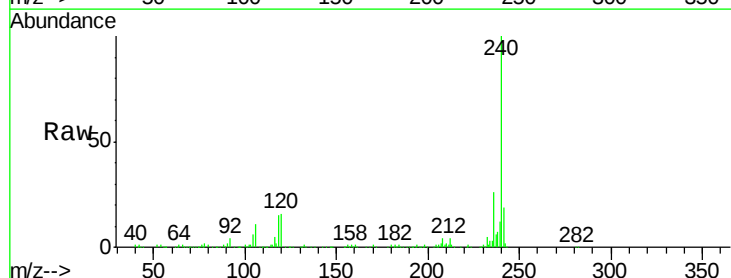
Tgt Ion:240 Resp: 216028

Ion Ratio Lower Upper

240 100

120 16.4 16.1 24.1

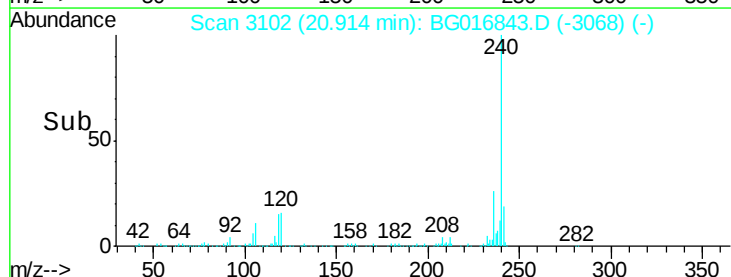
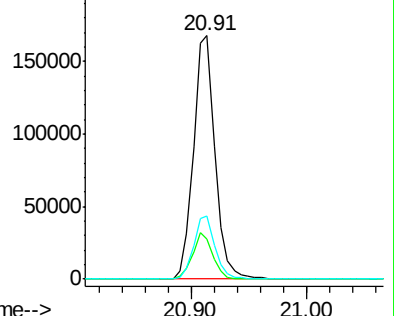
236 26.1 21.0 31.6

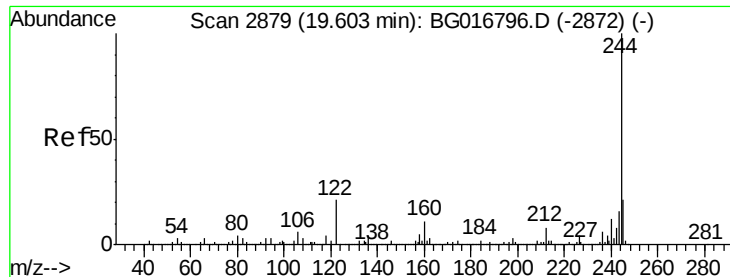


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.48 ng

RT: 19.36 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG016843.D

Acq: 1 May 2015 14:10

Instrument :

BNA_G

ClientSampleId :

PB83075BL

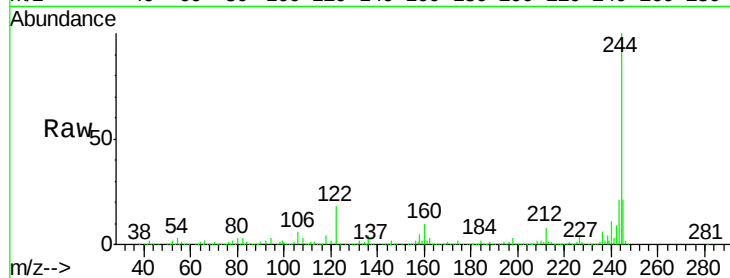
Tgt Ion:244 Resp: 819342

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

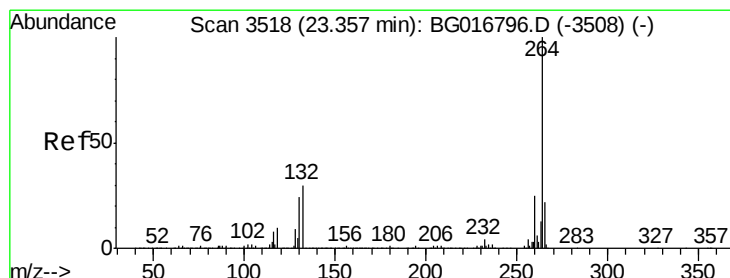
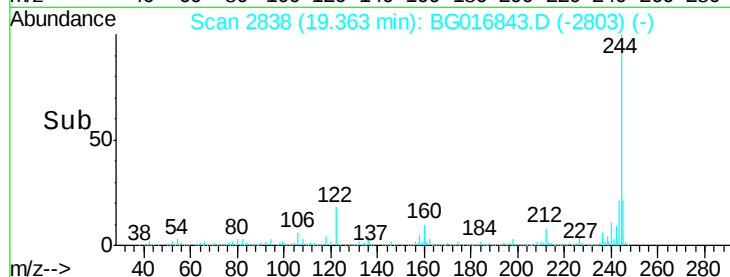
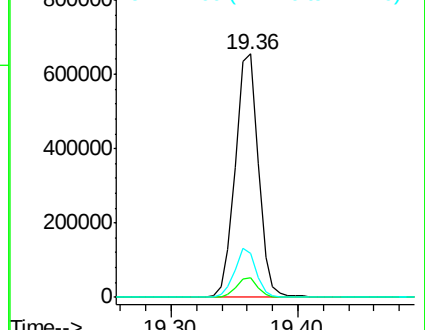
122 18.0 16.4 24.6



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: BG016843.D

Acq: 1 May 2015 14:10

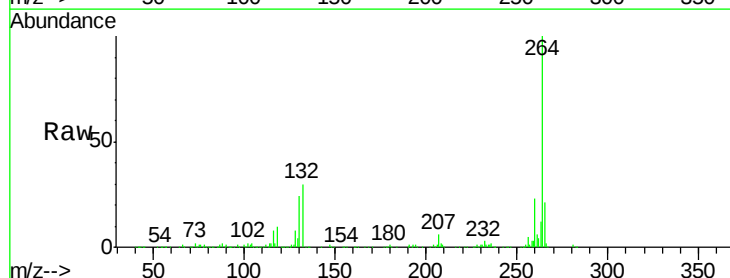
Tgt Ion:264 Resp: 195532

Ion Ratio Lower Upper

264 100

260 23.4 19.7 29.5

265 20.9 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

