

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016458.D
 Acq On : 16 Apr 2015 16:47
 Operator : TP/IZ
 Sample : PB82771BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82771BL

Quant Time: Apr 17 04:24:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 03:57:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	55917	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	236001	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	132260	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	290356	20.00	ng	0.00
75) Chrysene-d12	21.23	240	257255	20.00	ng	0.00
86) Perylene-d12	23.46	264	246440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	468968	132.36	ng	0.00
7) Phenol-d6	6.85	99	630100	118.47	ng	0.00
23) Nitrobenzene-d5	8.81	82	317742	77.99	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	138200	154.51	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	682555	87.87	ng	0.00
78) Terphenyl-d14	19.67	244	871908	79.32	ng	0.00

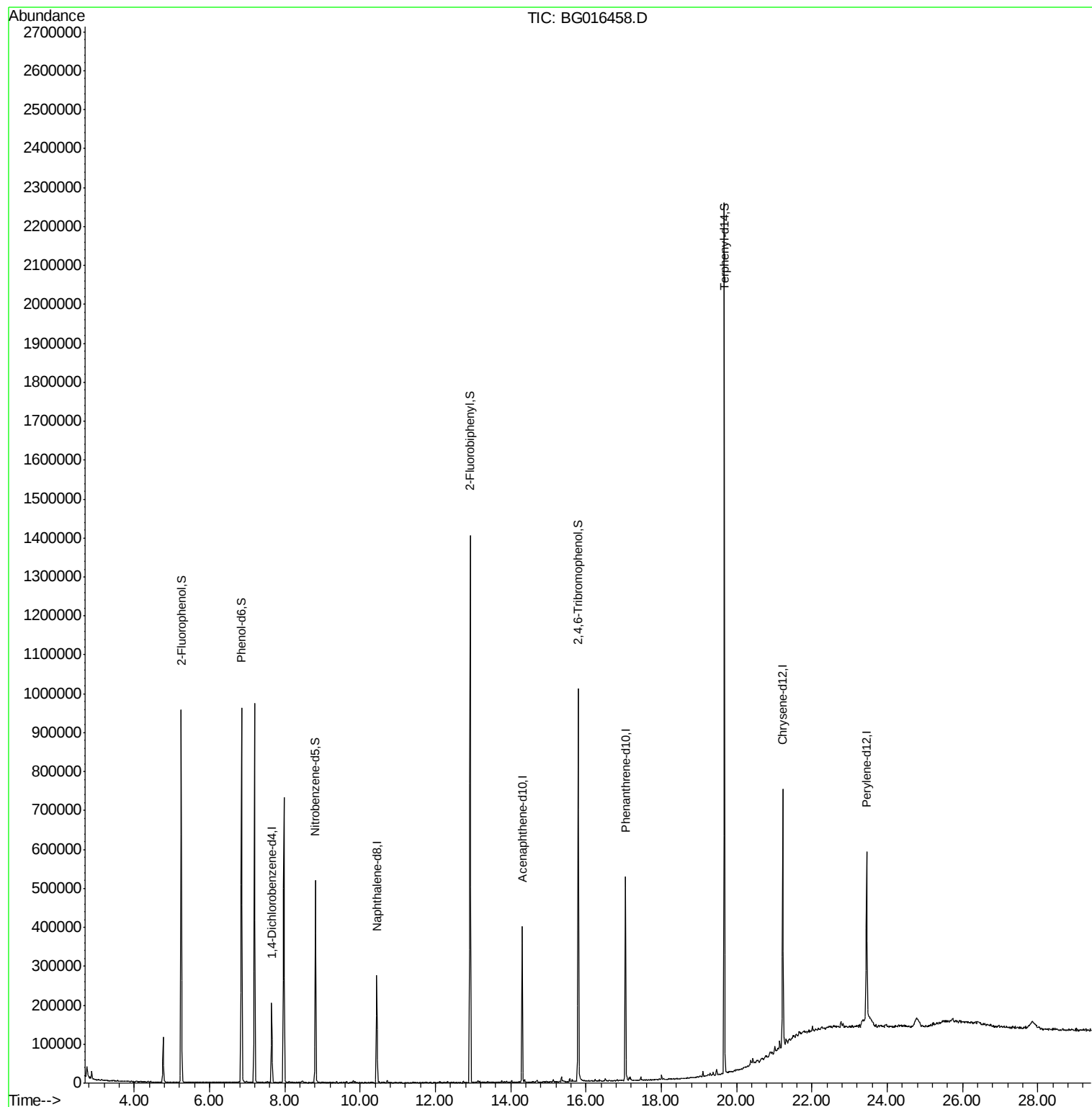
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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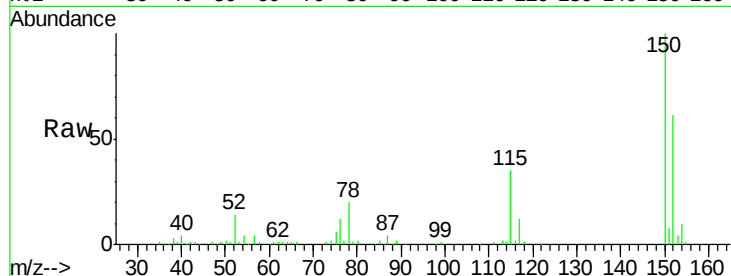


#1

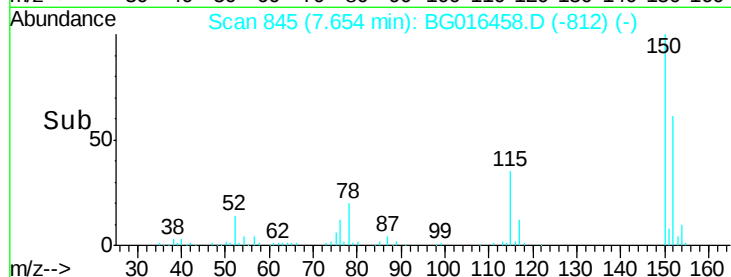
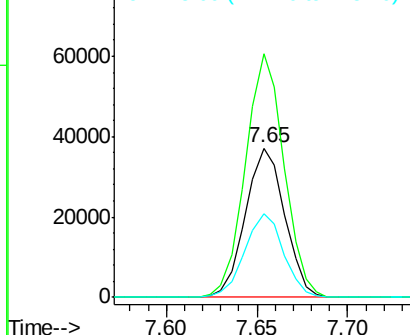
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.65 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG016458.D
 Acq: 16 Apr 2015 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB82771BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.3	130.1	195.1
115	56.5	50.5	75.7



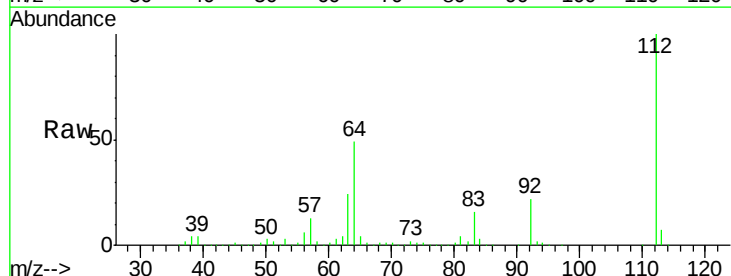
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



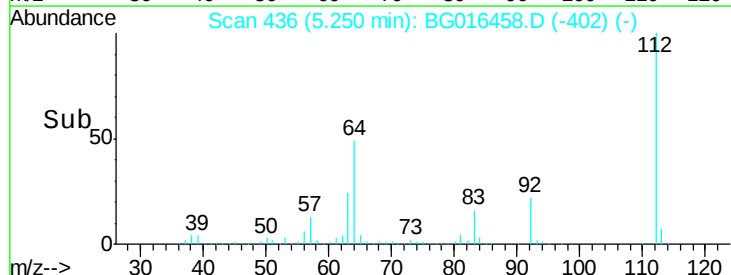
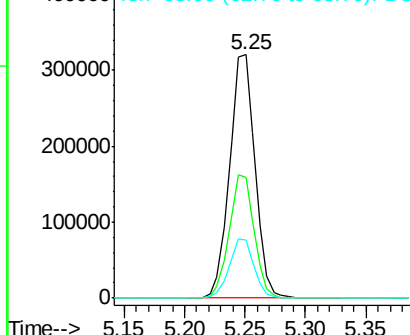
#5

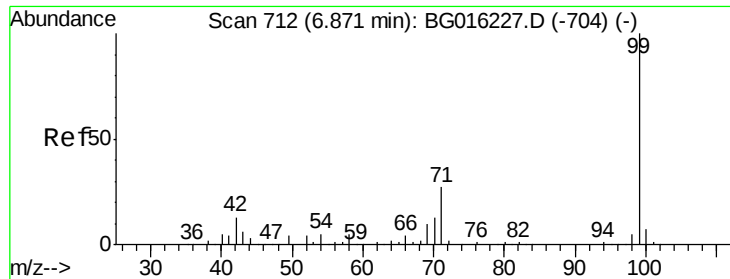
2-Fluorophenol
 Concen: 132.36 ng
 RT: 5.25 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BG016458.D
 Acq: 16 Apr 2015 16:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.5	44.5	66.7
63	23.9	21.4	32.0



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: 118.47 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016458.D

Acq: 16 Apr 2015 16:47

Instrument :

BNA_G

ClientSampled :

PB82771BL

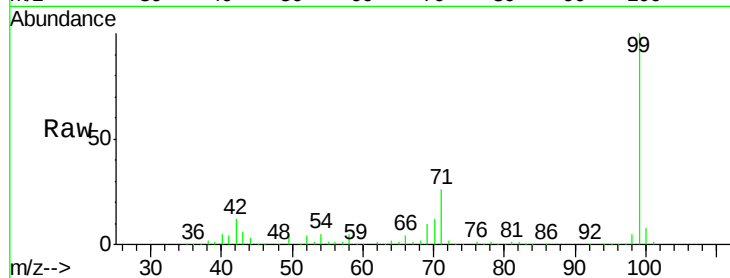
Tgt Ion: 99 Resp: 630100

Ion Ratio Lower Upper

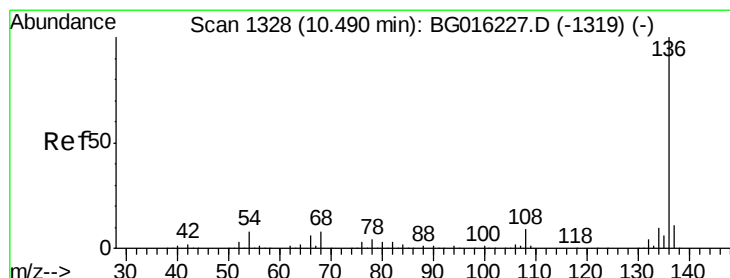
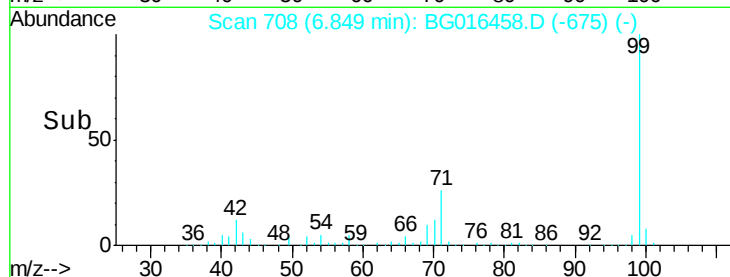
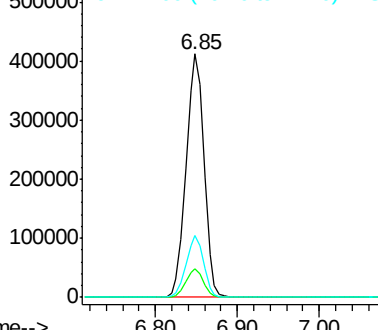
99 100

42 11.6 10.0 15.0

71 25.6 21.5 32.3



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: 10.44 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG016458.D

Acq: 16 Apr 2015 16:47

Tgt Ion: 136 Resp: 236001

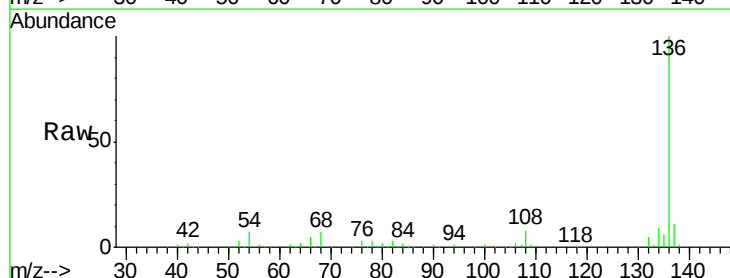
Ion Ratio Lower Upper

136 100

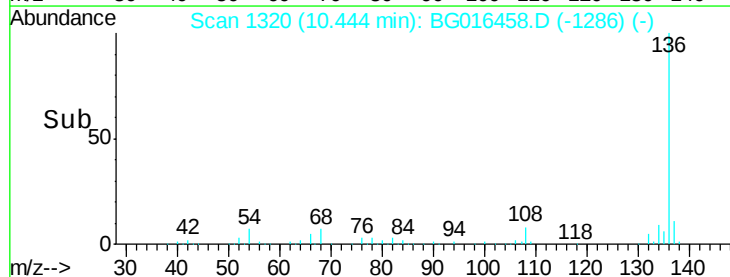
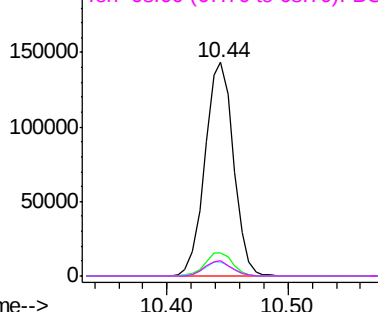
137 10.9 8.7 13.1

54 6.5 6.3 9.5

68 7.0 6.5 9.7



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

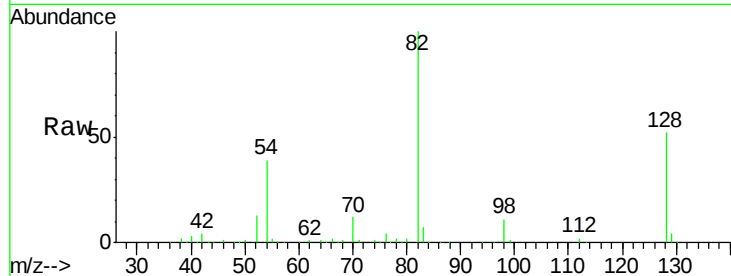




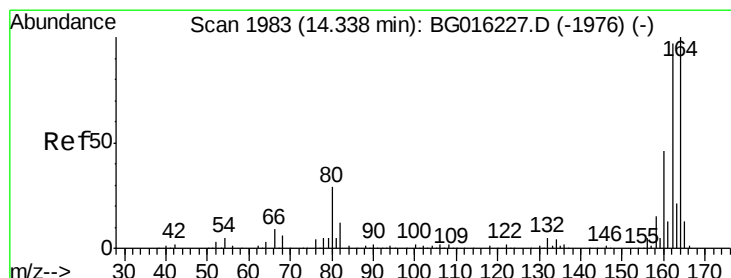
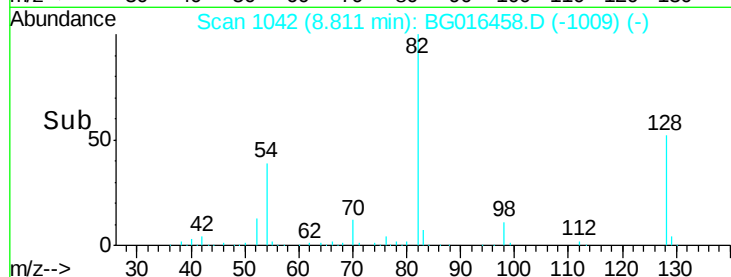
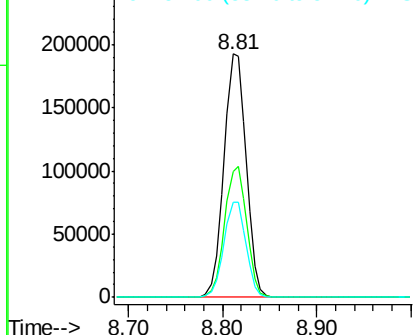
#23
 Nitrobenzene-d5
 Concen: 77.99 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG016458.D
 Acq: 16 Apr 2015 16:47

Instrument :
 BNA_G
 ClientSampled :
 PB82771BL

Tgt Ion: 82 Resp: 317742
 Ion Ratio Lower Upper
 82 100
 128 51.9 37.8 56.8
 54 39.2 32.6 49.0

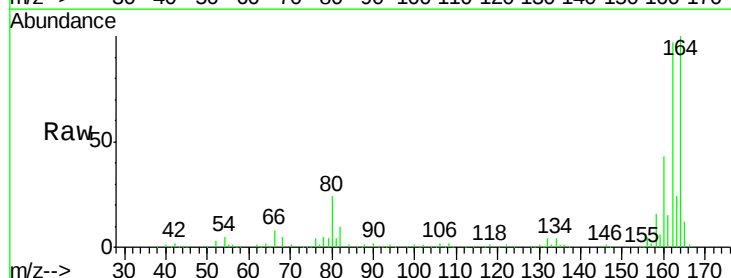


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

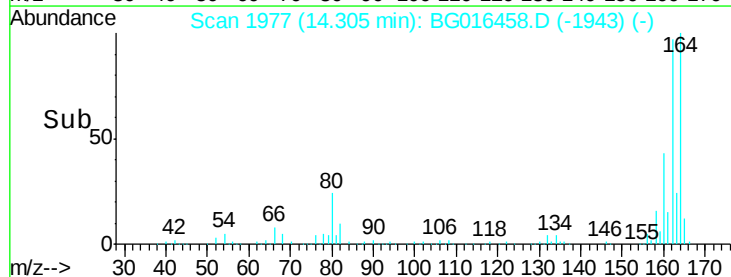
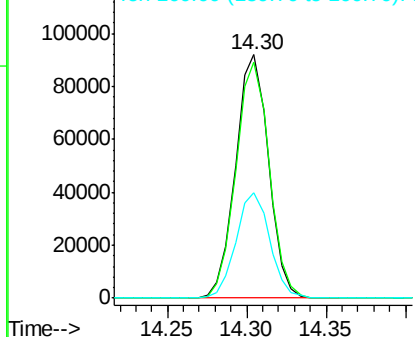


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BG016458.D
 Acq: 16 Apr 2015 16:47

Tgt Ion: 164 Resp: 132260
 Ion Ratio Lower Upper
 164 100
 162 96.9 77.3 115.9
 160 43.2 36.7 55.1



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

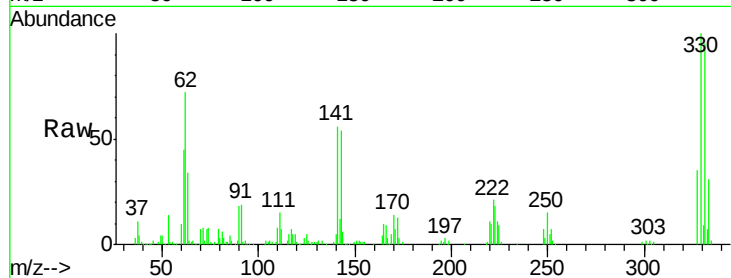




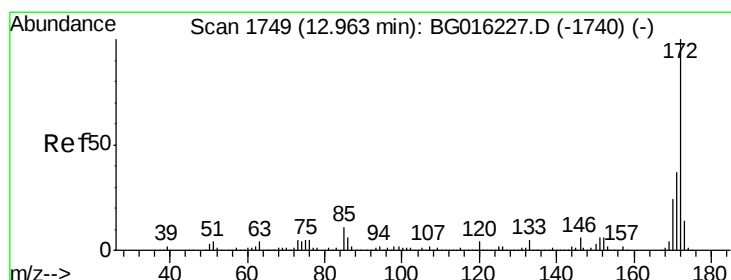
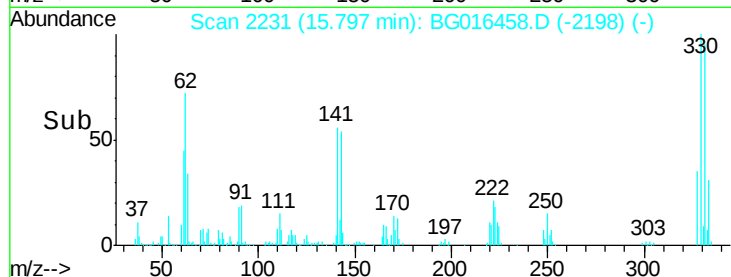
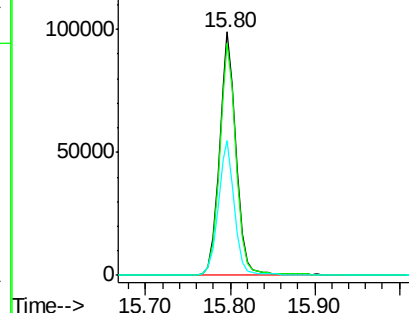
#41
 2,4,6-Tribromophenol
 Concen: 154.51 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BG016458.D
 Acq: 16 Apr 2015 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB82771BL

Tgt Ion:330 Resp: 138200
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.8 113.6
 141 53.5 46.6 69.8

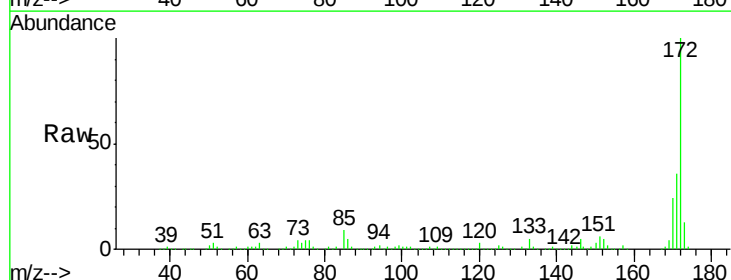


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

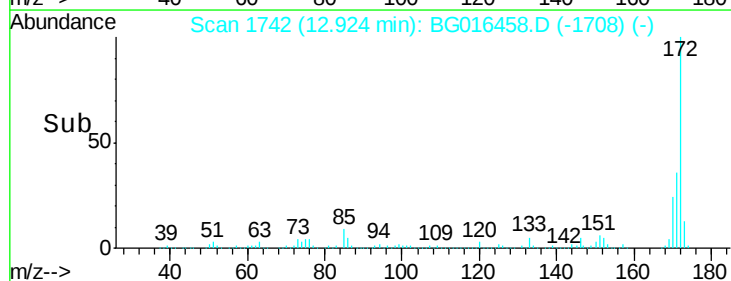
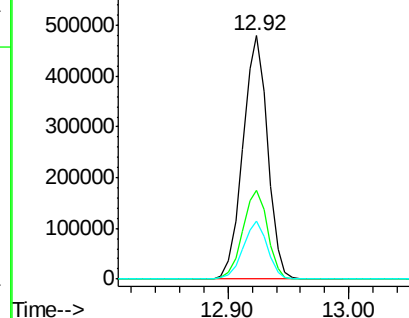


#44
 2-Fluorobiphenyl
 Concen: 87.87 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG016458.D
 Acq: 16 Apr 2015 16:47

Tgt Ion:172 Resp: 682555
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.0 19.4 29.2



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: 17.05 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG016458.D

Acq: 16 Apr 2015 16:47

Instrument :

BNA_G

ClientSampleId :

PB82771BL

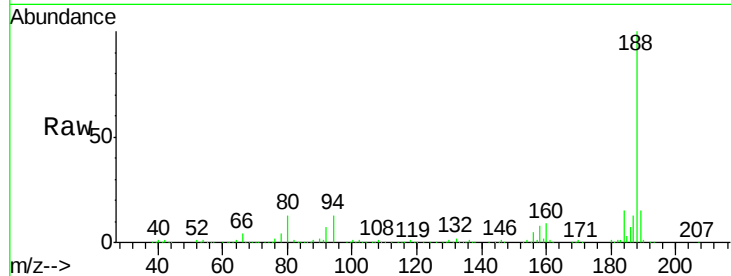
Tgt Ion:188 Resp: 290356

Ion Ratio Lower Upper

188 100

94 12.5 12.2 18.4

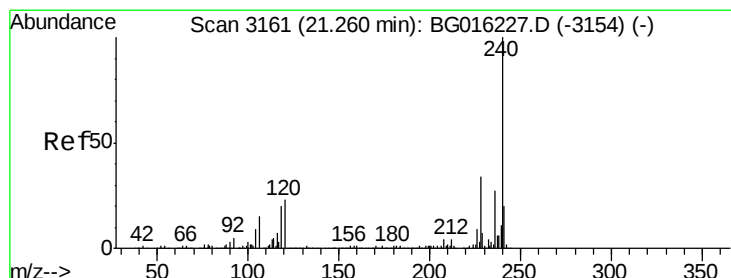
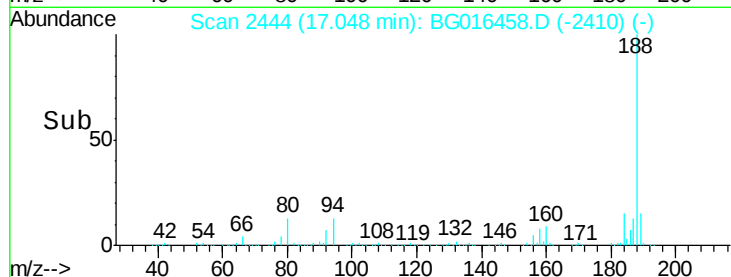
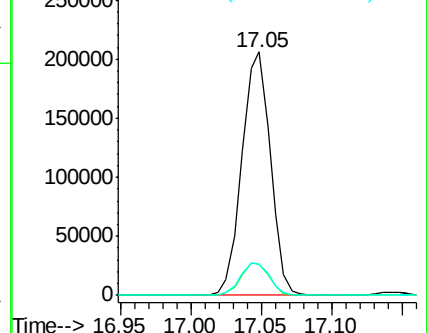
80 12.8 12.8 19.2#



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: 21.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG016458.D

Acq: 16 Apr 2015 16:47

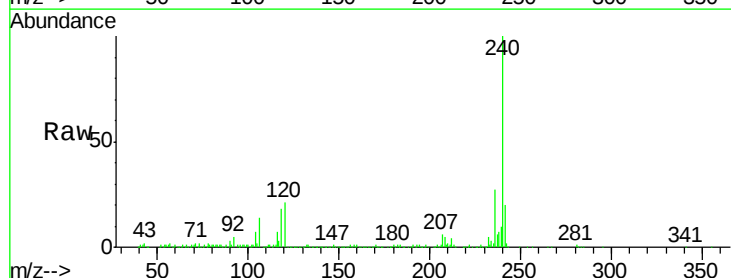
Tgt Ion:240 Resp: 257255

Ion Ratio Lower Upper

240 100

120 20.8 18.6 28.0

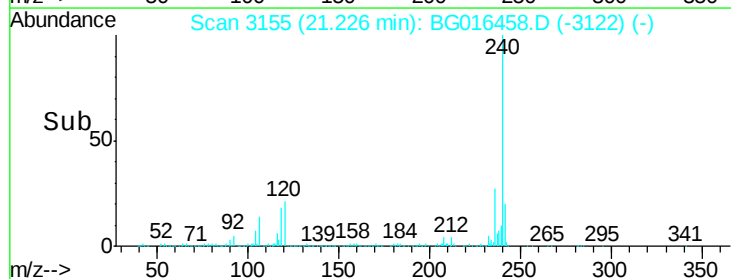
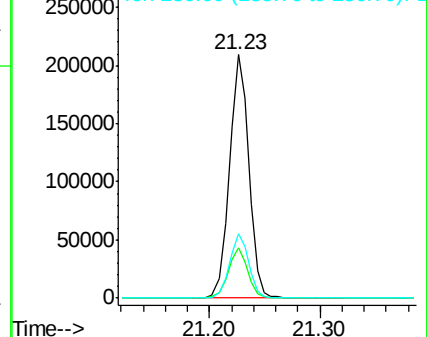
236 26.6 21.7 32.5

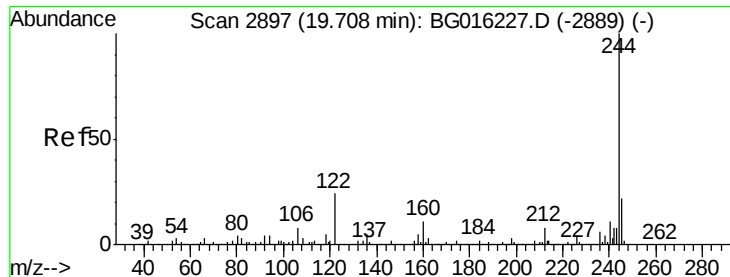


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

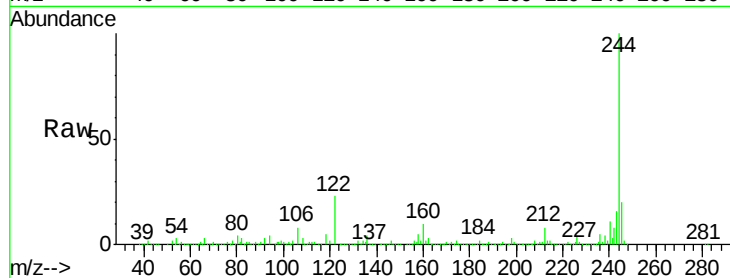




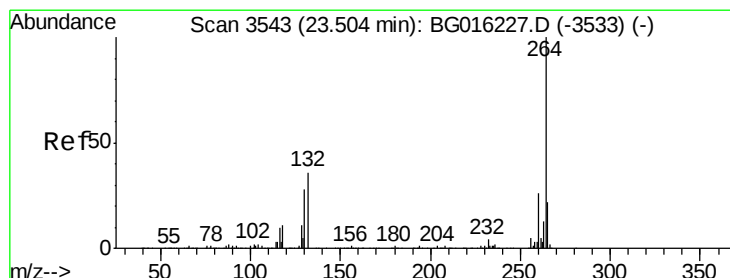
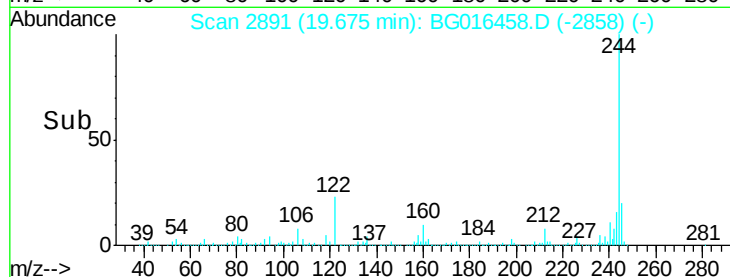
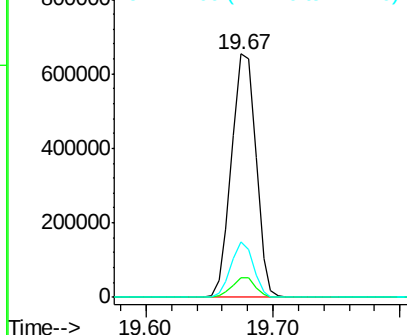
#78
 Terphenyl-d14
 Concen: 79.32 ng
 RT: 19.67 min Scan# 2891
 Delta R.T. -0.01 min
 Lab File: BG016458.D
 Acq: 16 Apr 2015 16:47

Instrument :
 BNA_G
 ClientSampleId :
 PB82771BL

Tgt Ion:244 Resp: 871908
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 22.6 19.1 28.7

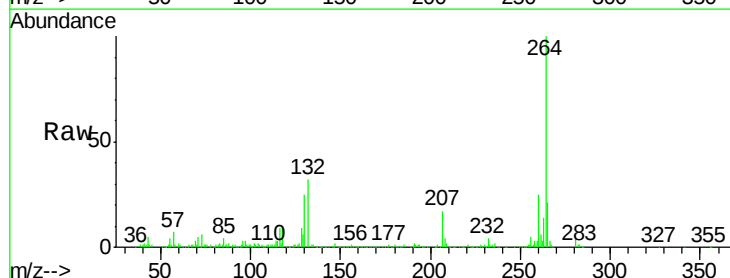


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.46 min Scan# 3535
 Delta R.T. -0.01 min
 Lab File: BG016458.D
 Acq: 16 Apr 2015 16:47

Tgt Ion:264 Resp: 246440
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.4 30.6
 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

