

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016508.D
 Acq On : 18 Apr 2015 5:26
 Operator : TP/IZ
 Sample : PB82837TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82837TB

Quant Time: Apr 18 07:42:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:46:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	66148	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	280093	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	155190	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	334756	20.00	ng	0.00
75) Chrysene-d12	21.23	240	297483	20.00	ng	0.00
86) Perylene-d12	23.46	264	280487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	447709	106.82	ng	0.00
7) Phenol-d6	6.85	99	595373	94.62	ng	0.00
23) Nitrobenzene-d5	8.82	82	302799	62.63	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	104945	99.99	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	655615	71.93	ng	0.00
78) Terphenyl-d14	19.67	244	818278	64.38	ng	0.00

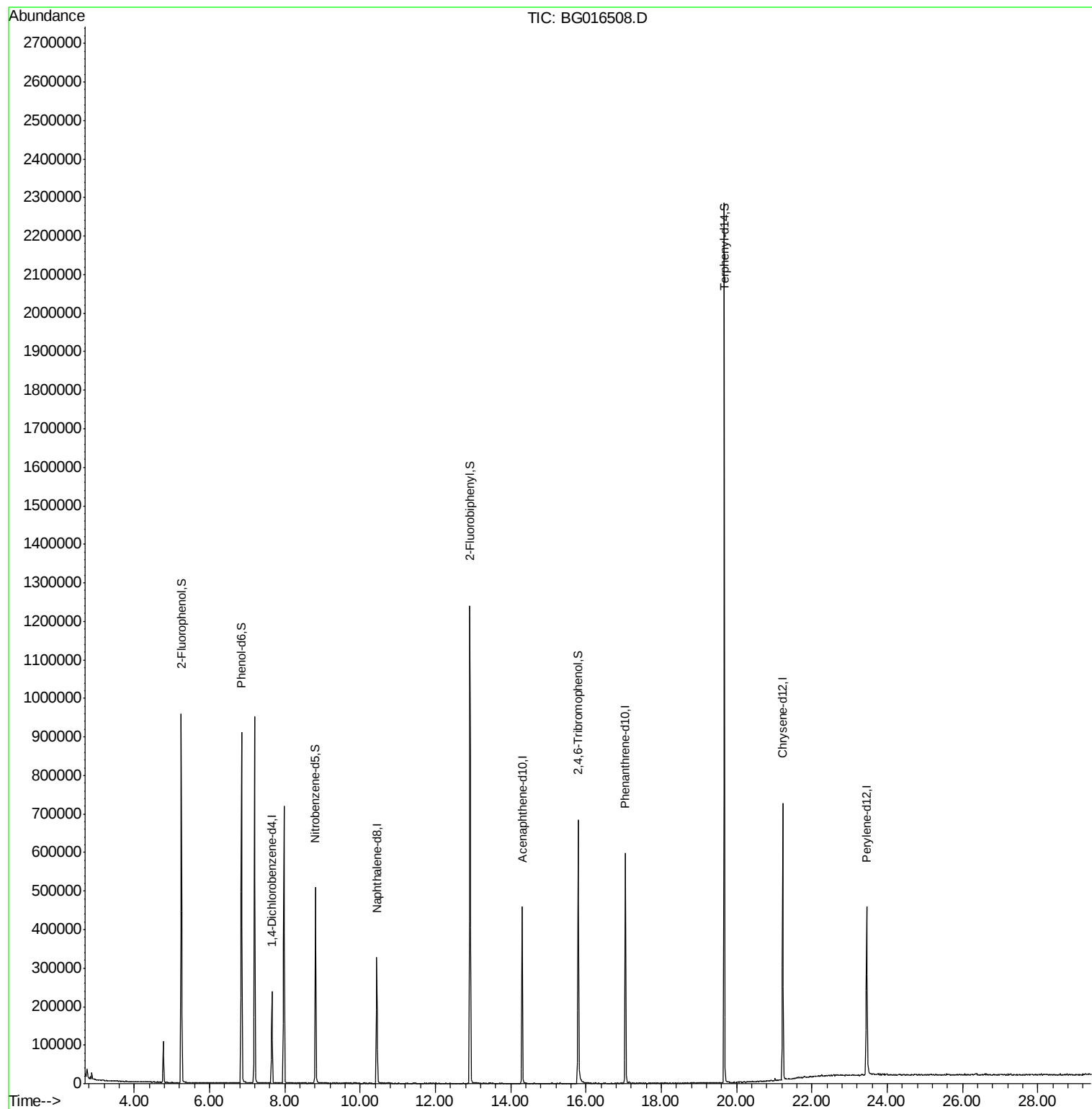
Target Compounds	Qvalue
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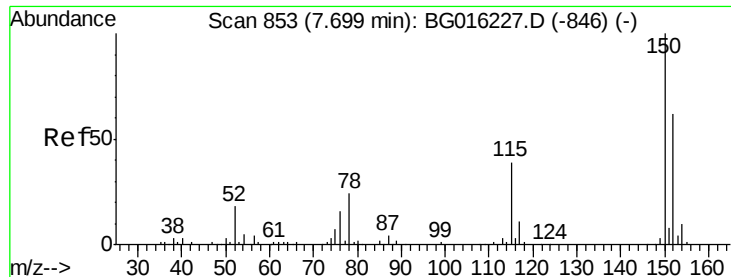
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG016508.D

Acq: 18 Apr 2015 5:26

Instrument :

BNA_G

ClientSampleId :

PB82837TB

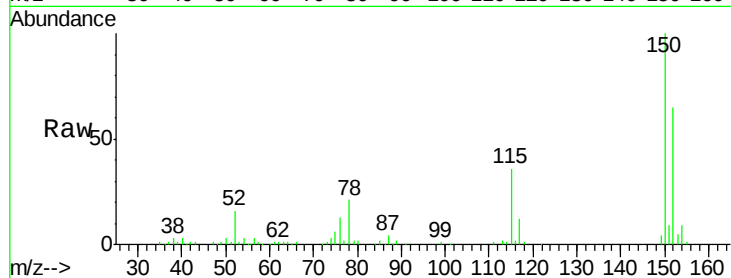
Tgt Ion:152 Resp: 66148

Ion Ratio Lower Upper

152 100

150 153.0 130.1 195.1

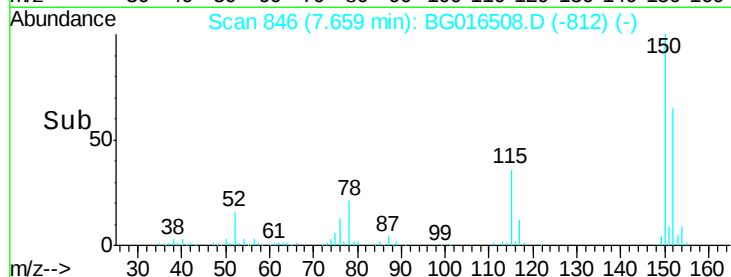
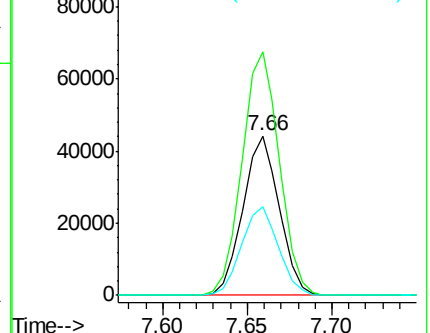
115 55.4 50.5 75.7



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: 106.82 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG016508.D

Acq: 18 Apr 2015 5:26

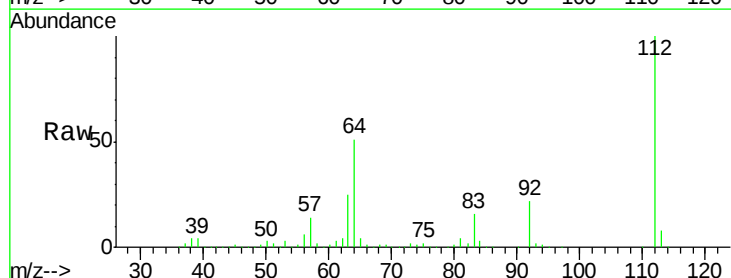
Tgt Ion:112 Resp: 447709

Ion Ratio Lower Upper

112 100

64 51.3 44.5 66.7

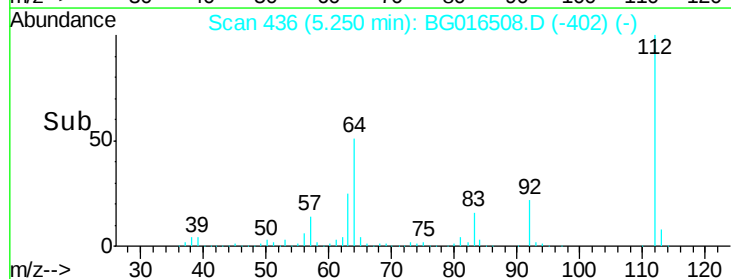
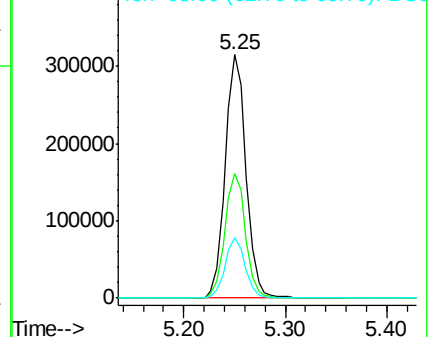
63 25.1 21.4 32.0

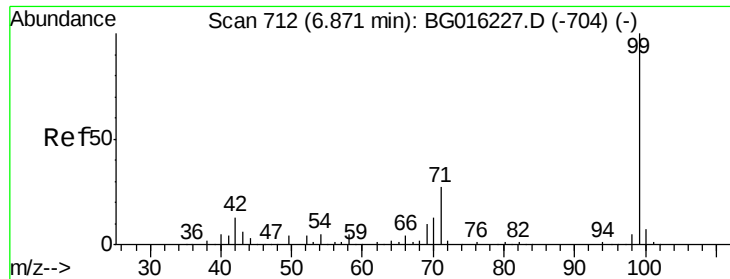


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 94.62 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG016508.D

Acq: 18 Apr 2015 5:26

Instrument :

BNA_G

ClientSampleId :

PB82837TB

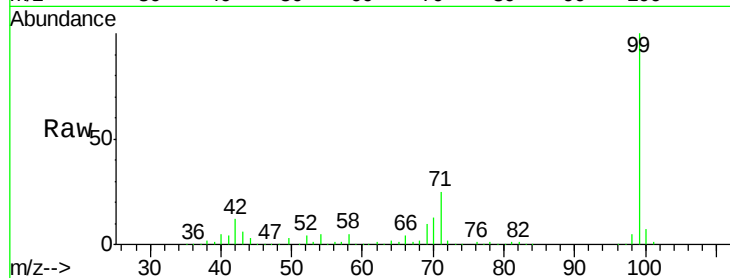
Tgt Ion: 99 Resp: 595373

Ion Ratio Lower Upper

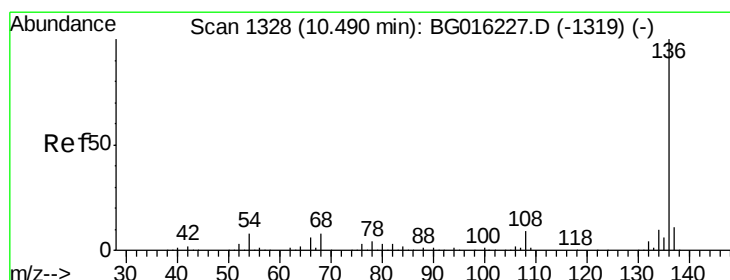
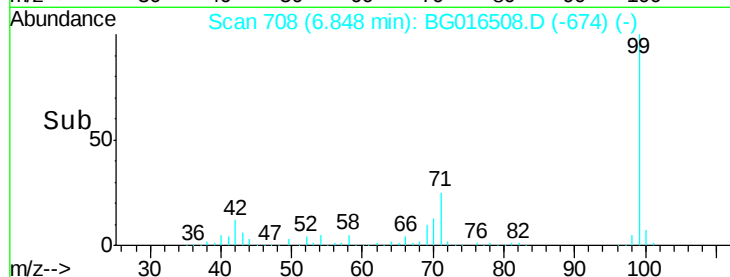
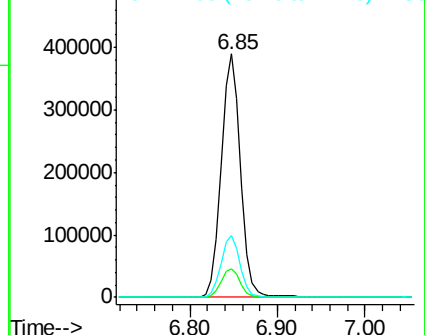
99 100

42 11.8 10.0 15.0

71 25.4 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: BG016508.D

Acq: 18 Apr 2015 5:26

Tgt Ion: 136 Resp: 280093

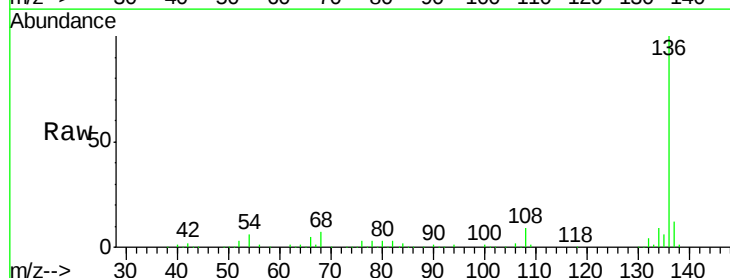
Ion Ratio Lower Upper

136 100

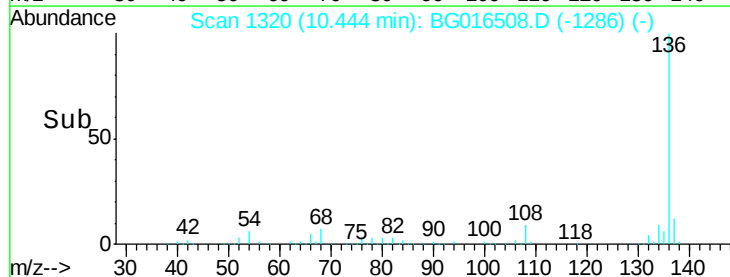
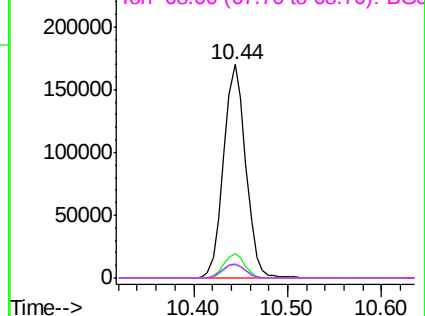
137 11.6 8.7 13.1

54 6.0 6.3 9.5#

68 6.8 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

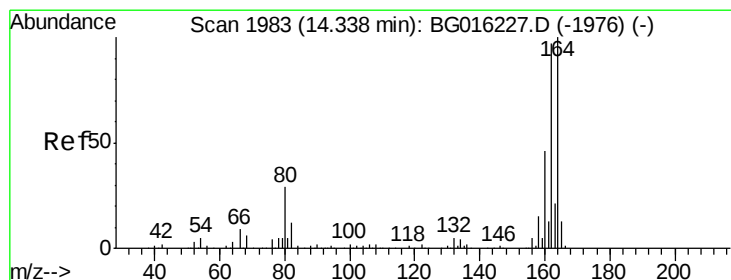
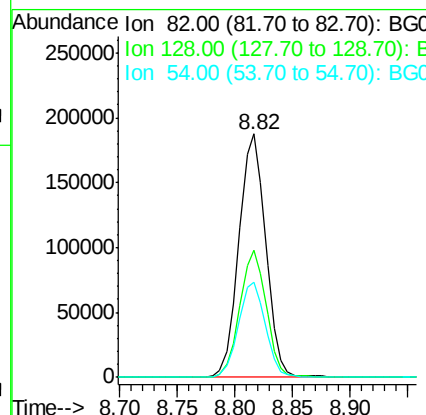
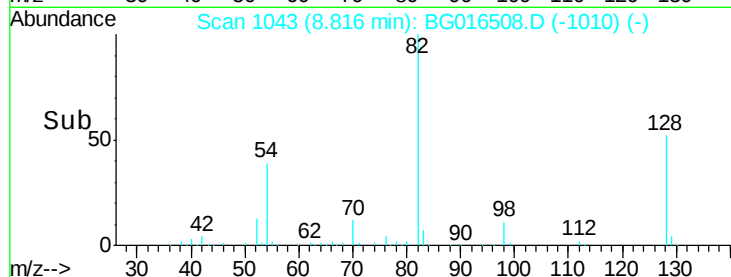
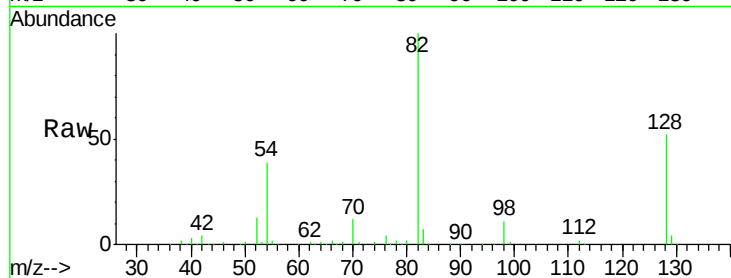




#23
 Nitrobenzene-d5
 Concen: 62.63 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG016508.D
 Acq: 18 Apr 2015 5:26

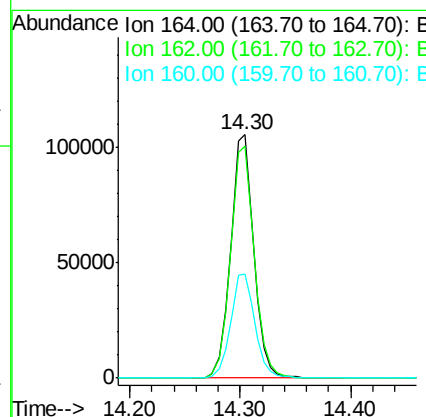
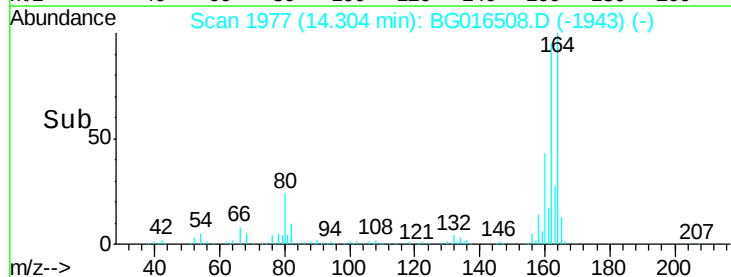
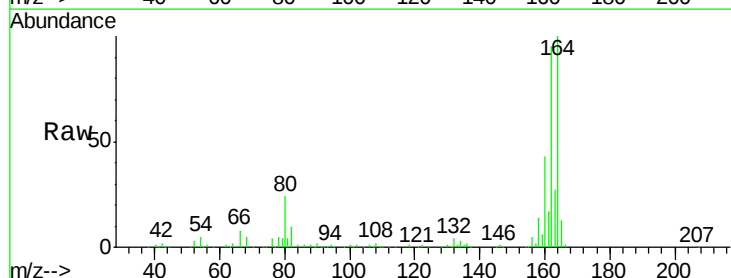
Instrument :
 BNA_G
 ClientSampleId :
 PB82837TB

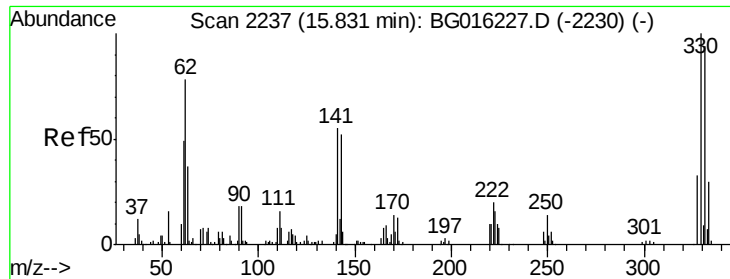
Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.4	37.8	56.8
54	38.9	32.6	49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BG016508.D
 Acq: 18 Apr 2015 5:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.2	77.3	115.9
160	42.9	36.7	55.1

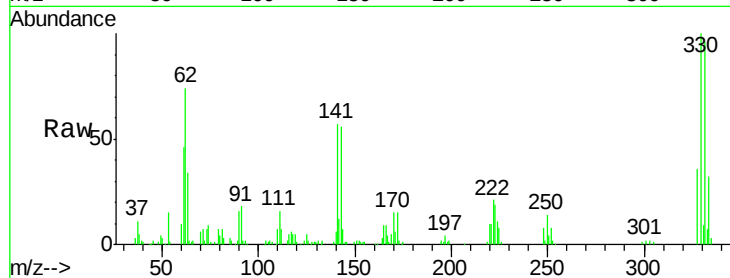




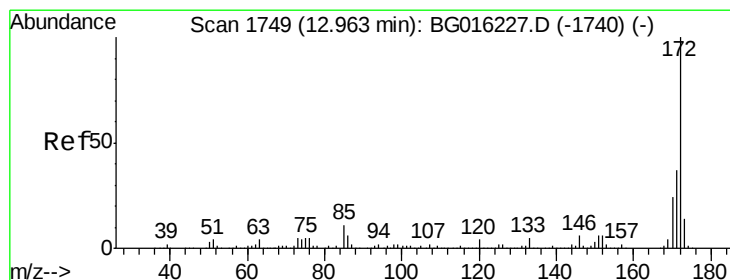
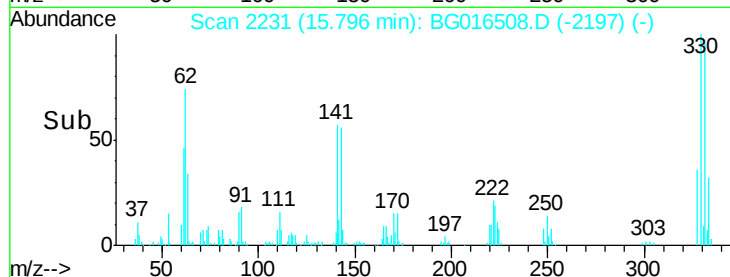
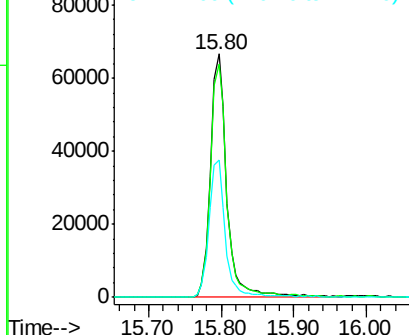
#41
 2,4,6-Tribromophenol
 Concen: 99.99 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG016508.D
 Acq: 18 Apr 2015 5:26

Instrument :
 BNA_G
 ClientSampleId :
 PB82837TB

Tgt Ion:330 Resp: 104945
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.8 113.6
 141 55.6 46.6 69.8

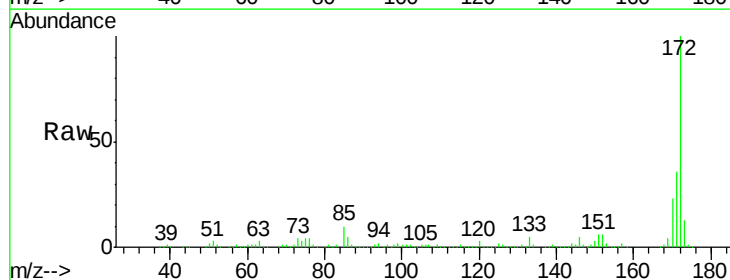


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

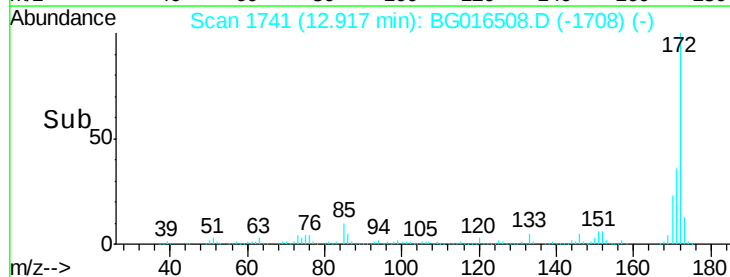
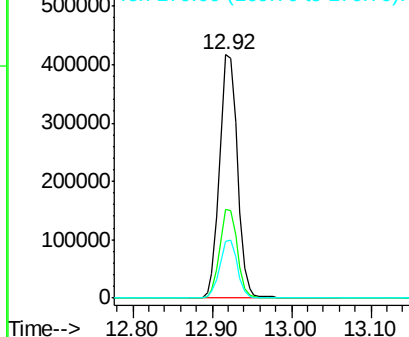


#44
 2-Fluorobiphenyl
 Concen: 71.93 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG016508.D
 Acq: 18 Apr 2015 5:26

Tgt Ion:172 Resp: 655615
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.2 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

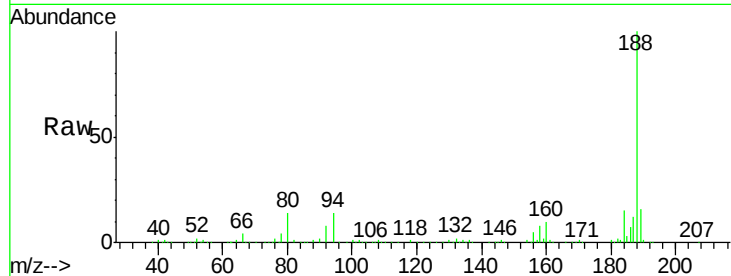




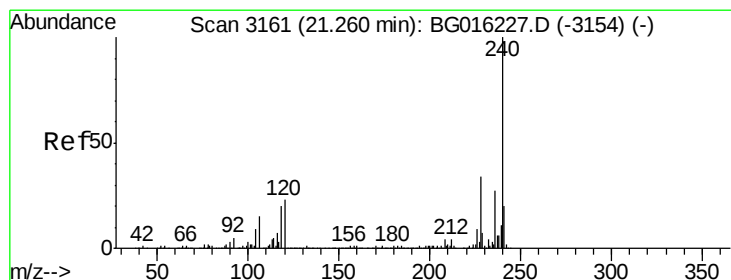
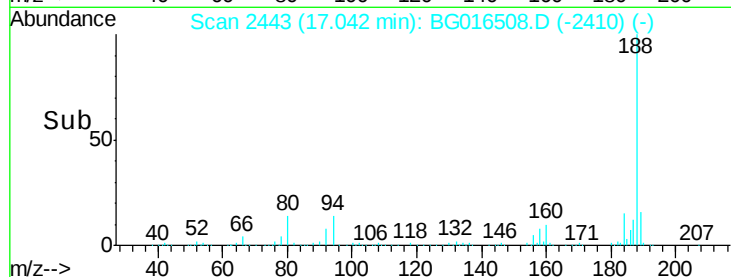
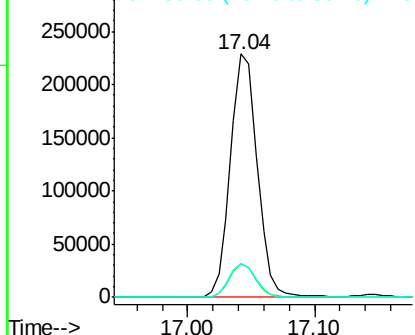
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG016508.D
Acq: 18 Apr 2015 5:26

Instrument :
BNA_G
ClientSampleId :
PB82837TB

Tgt Ion:188 Resp: 334756
Ion Ratio Lower Upper
188 100
94 14.0 12.2 18.4
80 14.1 12.8 19.2

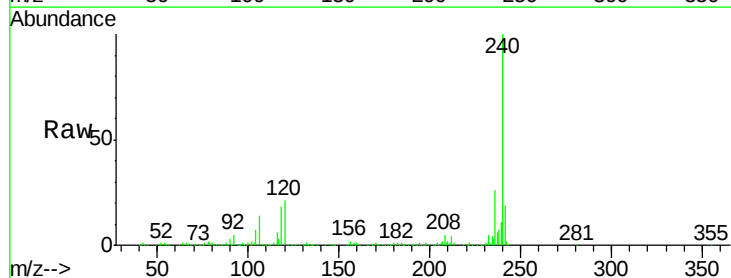


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

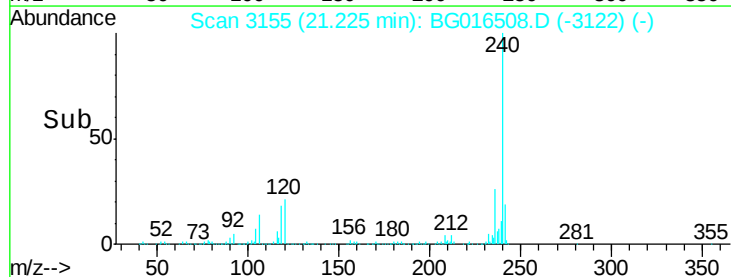
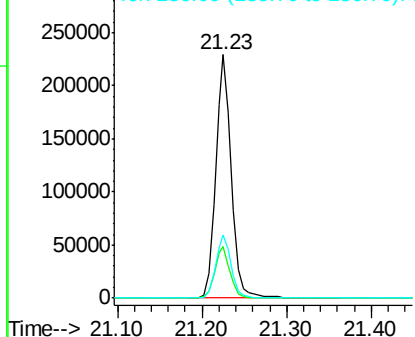


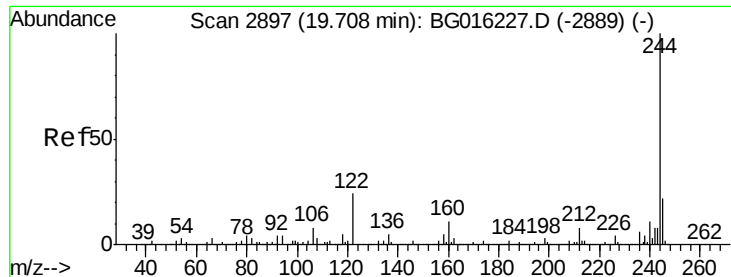
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016508.D
Acq: 18 Apr 2015 5:26

Tgt Ion:240 Resp: 297483
Ion Ratio Lower Upper
240 100
120 21.4 18.6 28.0
236 26.2 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

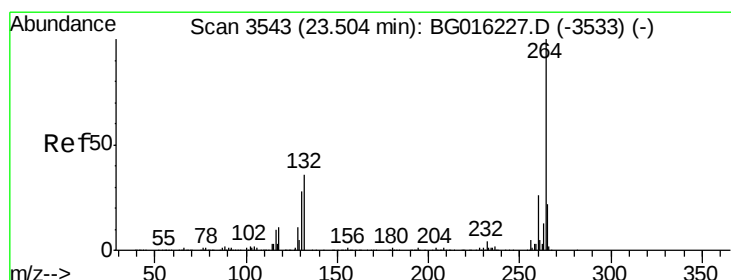
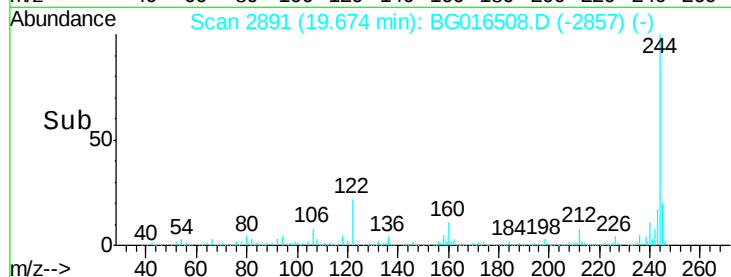
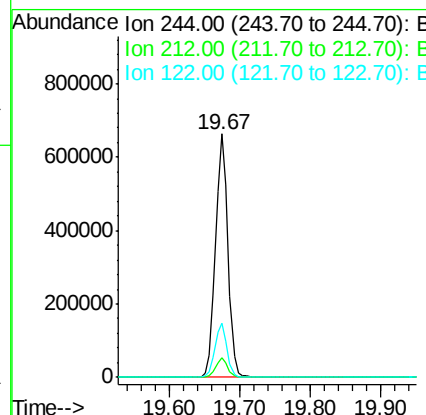
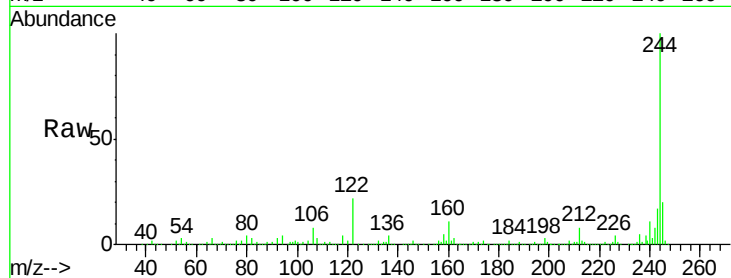




#78
 Terphenyl-d14
 Concen: 64.38 ng
 RT: 19.67 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG016508.D
 Acq: 18 Apr 2015 5:26

Instrument :
 BNA_G
 ClientSampleId :
 PB82837TB

Tgt Ion:244 Resp: 818278
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 22.2 19.1 28.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.46 min Scan# 3535
 Delta R.T. 0.01 min
 Lab File: BG016508.D
 Acq: 18 Apr 2015 5:26

Tgt Ion:264 Resp: 280487
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.4 30.6
 265 21.3 17.2 25.8

