

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016368.D
 Acq On : 13 Apr 2015 19:36
 Operator : TP/IZ
 Sample : PB82615BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82615BL

Quant Time: Apr 14 02:30:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 02:12:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	81229	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	338320	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	186425	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	392307	20.00	ng	0.00
75) Chrysene-d12	21.24	240	373835	20.00	ng	0.00
86) Perylene-d12	23.47	264	347707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	649496	126.19	ng	0.01
7) Phenol-d6	6.86	99	876733	113.47	ng	0.00
23) Nitrobenzene-d5	8.83	82	452307	77.45	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	166698	132.22	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	916135	83.67	ng	0.00
78) Terphenyl-d14	19.69	244	1168568	73.16	ng	0.00

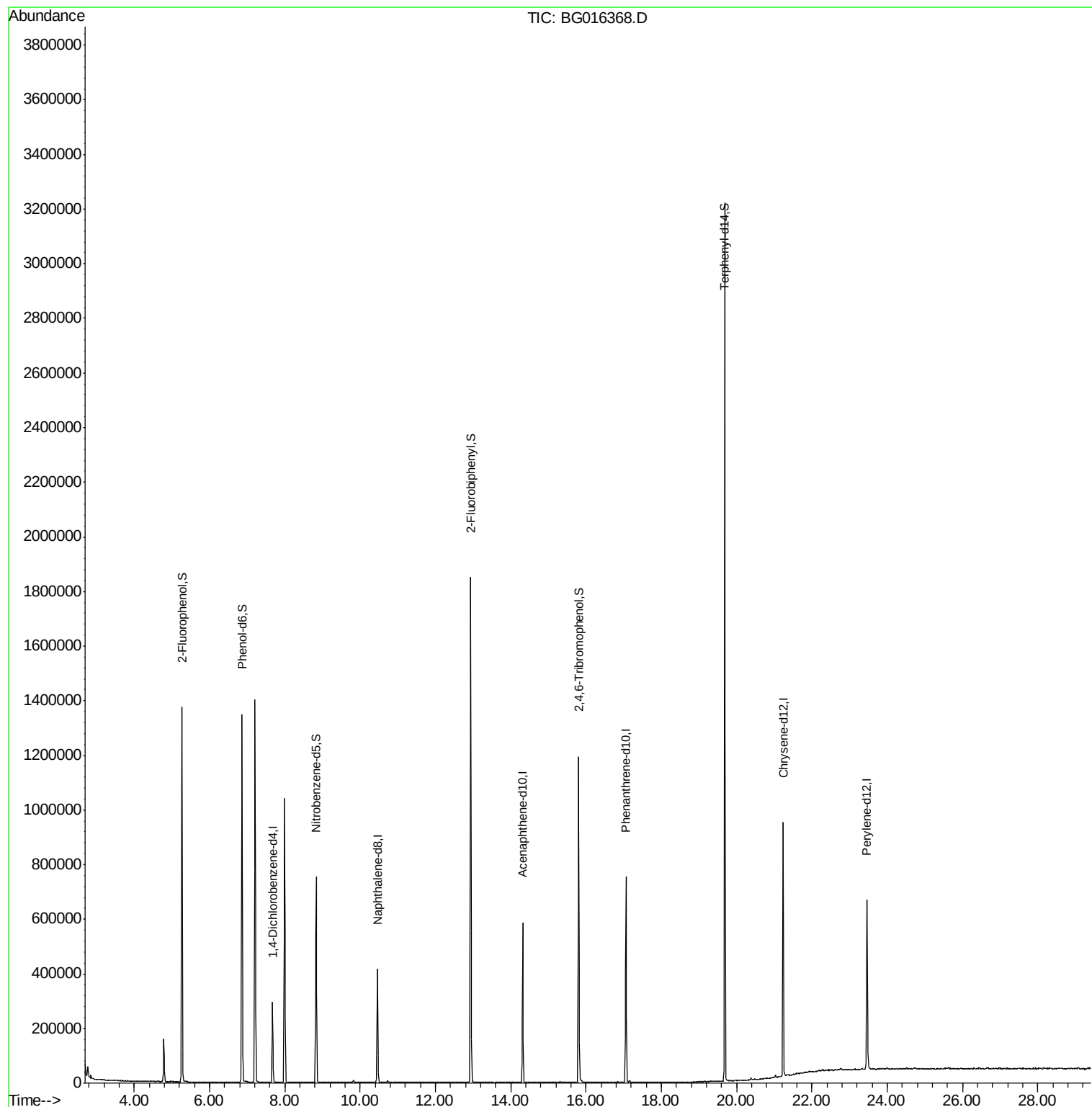
Target Compounds	Qvalue
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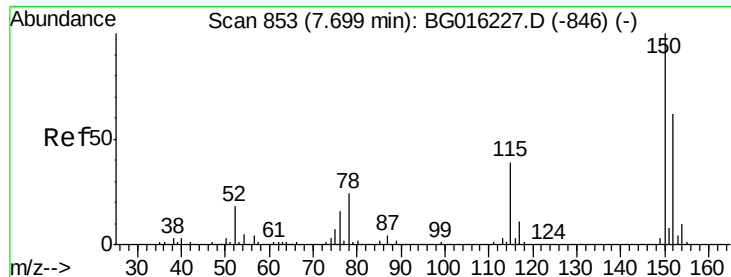
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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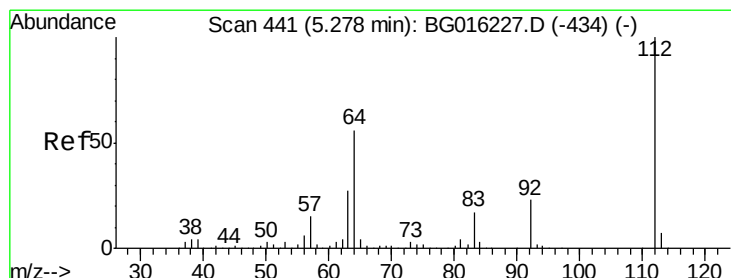
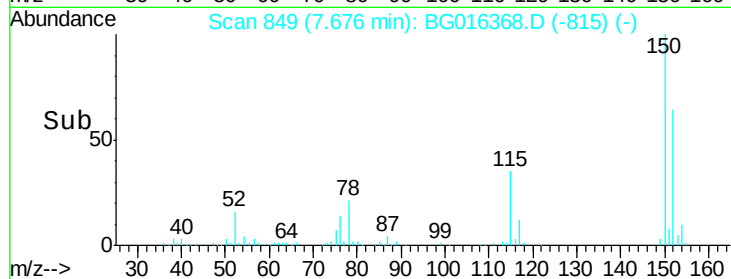
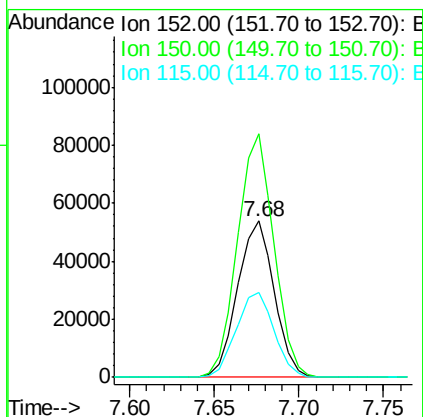
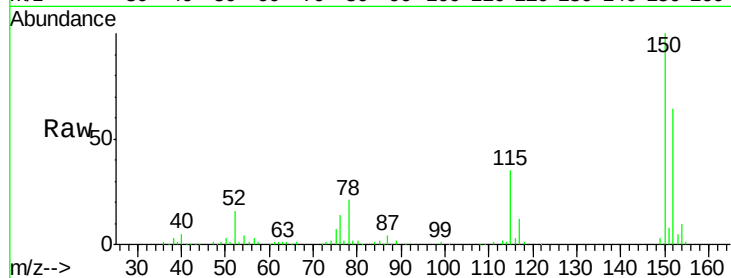


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.68 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BG016368.D
 Acq: 13 Apr 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB82615BL

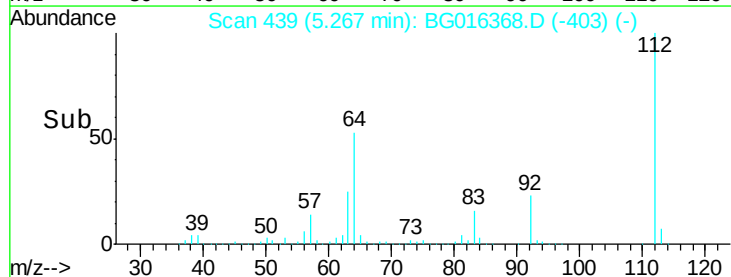
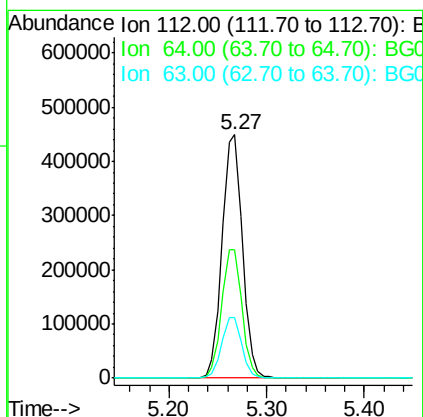
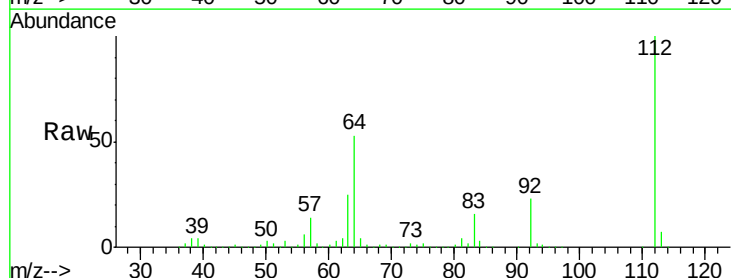
Tgt Ion:152 Resp: 81229
 Ion Ratio Lower Upper
 152 100
 150 155.6 130.1 195.1
 115 54.5 50.5 75.7

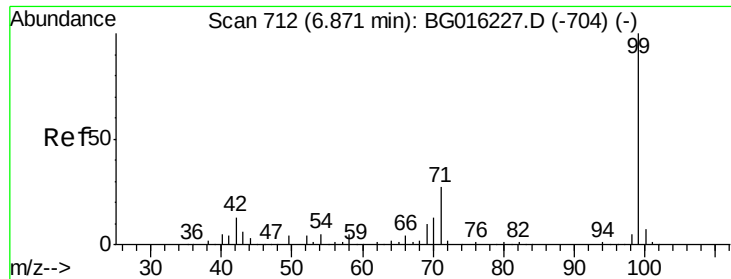


#5

2-Fluorophenol
 Concen: 126.19 ng
 RT: 5.27 min Scan# 439
 Delta R.T. 0.01 min
 Lab File: BG016368.D
 Acq: 13 Apr 2015 19:36

Tgt Ion:112 Resp: 649496
 Ion Ratio Lower Upper
 112 100
 64 52.5 44.5 66.7
 63 24.7 21.4 32.0





#7

Phenol-d6

Concen: 113.47 ng

RT: 6.86 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG016368.D

Acq: 13 Apr 2015 19:36

Instrument :

BNA_G

ClientSampleId :

PB82615BL

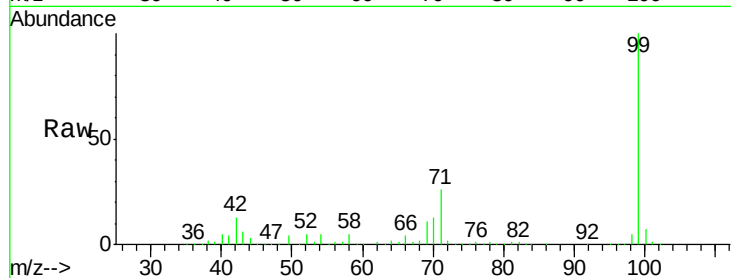
Tgt Ion: 99 Resp: 876733

Ion Ratio Lower Upper

99 100

42 12.7 10.0 15.0

71 26.2 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

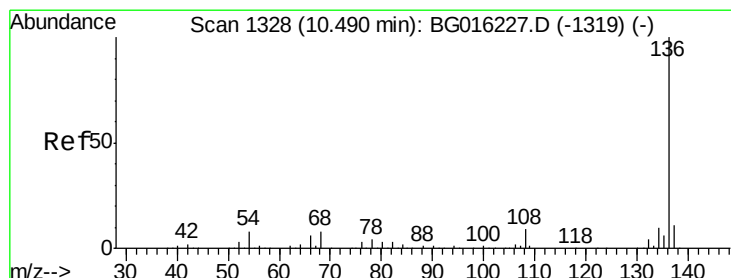
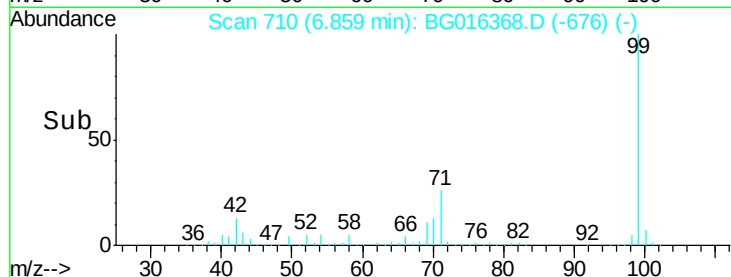
6.86

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.46 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BG016368.D

Acq: 13 Apr 2015 19:36

Tgt Ion: 136 Resp: 338320

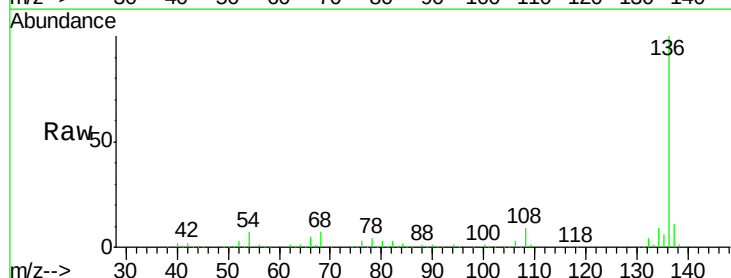
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.9 6.3 9.5

68 7.3 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

10.46

300000

250000

200000

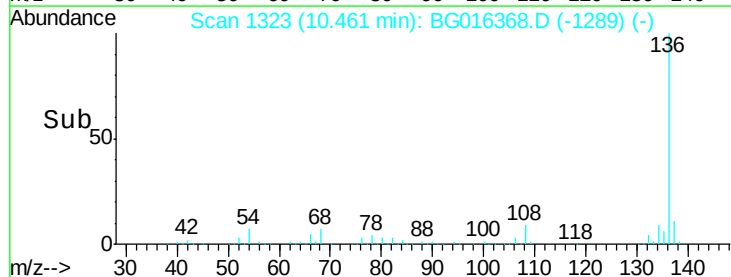
150000

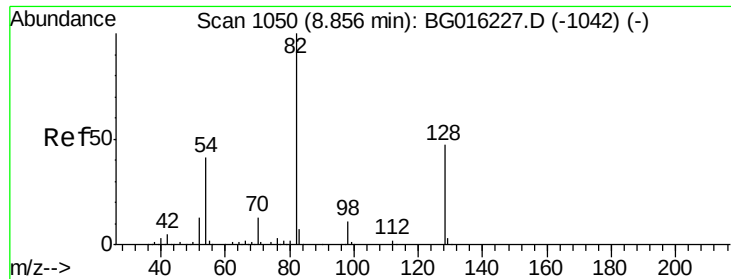
100000

50000

0

Time-->

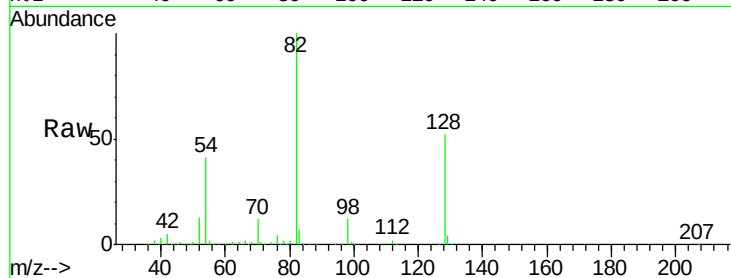




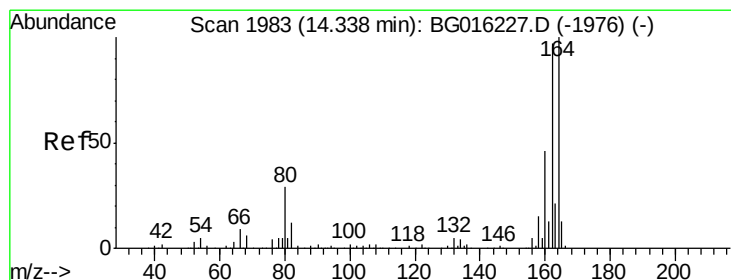
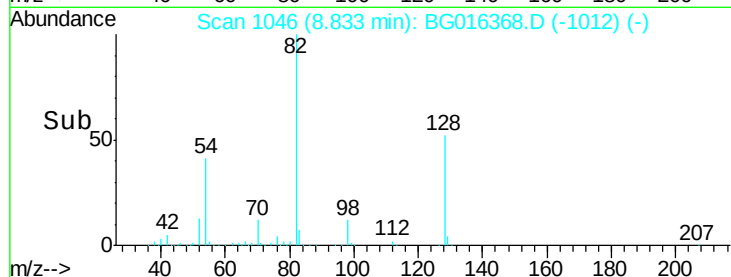
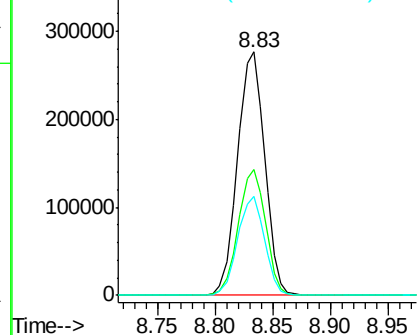
#23
 Nitrobenzene-d5
 Concen: 77.45 ng
 RT: 8.83 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG016368.D
 Acq: 13 Apr 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB82615BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.9	37.8	56.8
54	40.7	32.6	49.0

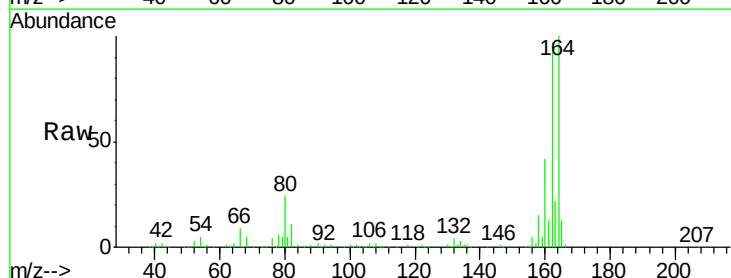


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

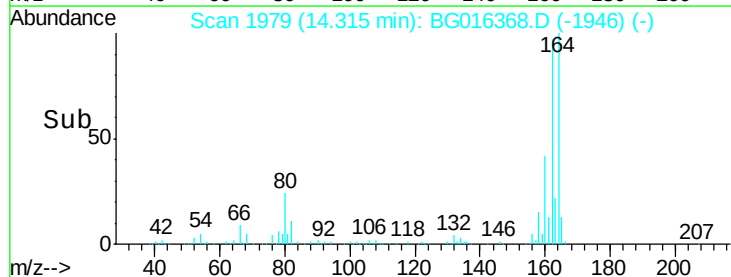
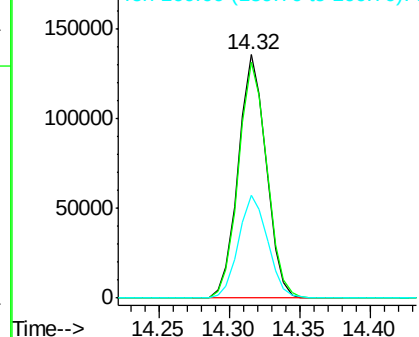


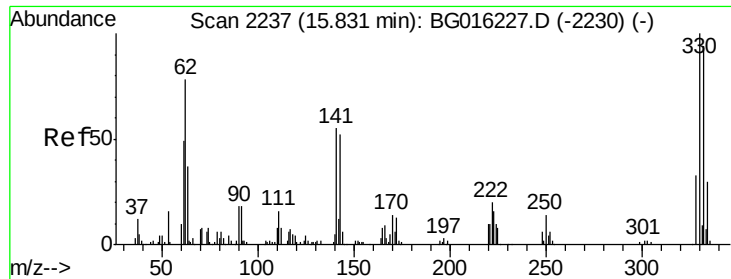
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG016368.D
 Acq: 13 Apr 2015 19:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	77.3	115.9
160	42.4	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

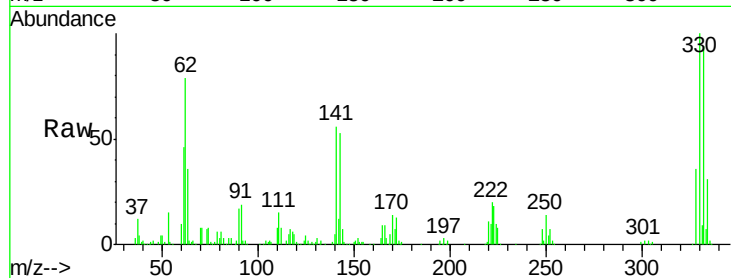




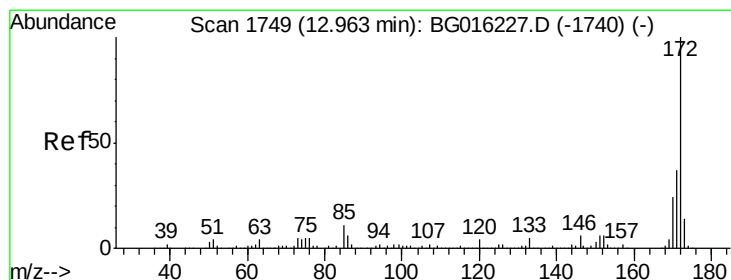
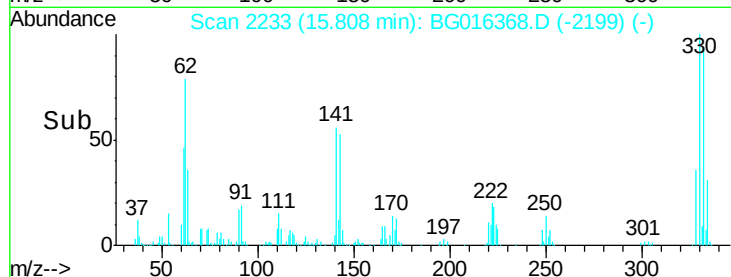
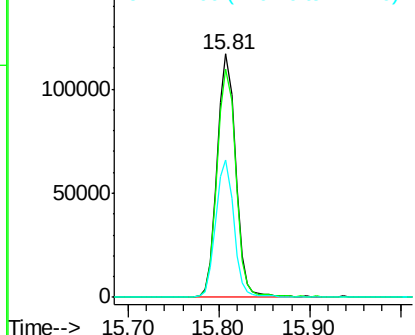
#41
 2,4,6-Tribromophenol
 Concen: 132.22 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG016368.D
 Acq: 13 Apr 2015 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB82615BL

Tgt Ion:330 Resp: 166698
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.8 113.6
 141 55.2 46.6 69.8

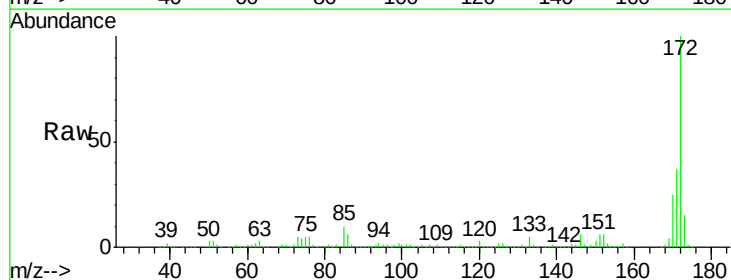


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

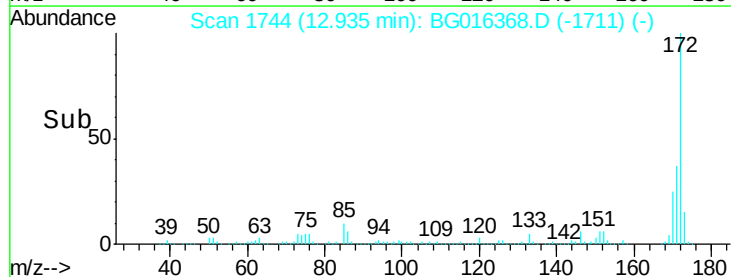
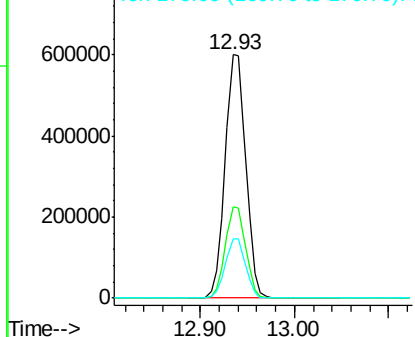


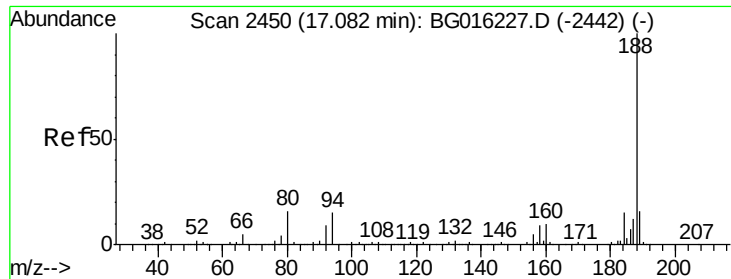
#44
 2-Fluorobiphenyl
 Concen: 83.67 ng
 RT: 12.93 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016368.D
 Acq: 13 Apr 2015 19:36

Tgt Ion:172 Resp: 916135
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.6 44.4
 170 24.5 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

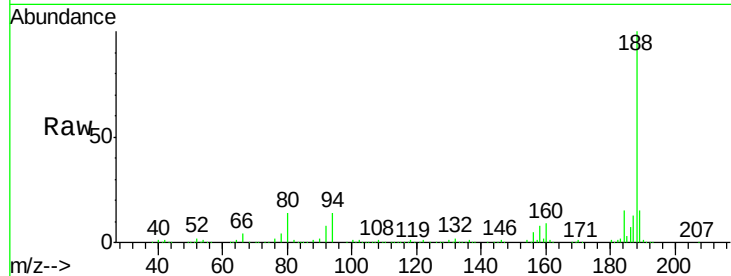




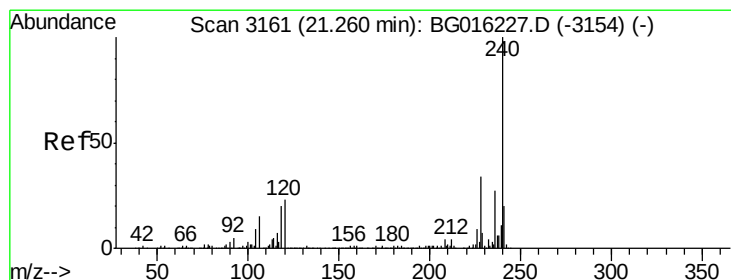
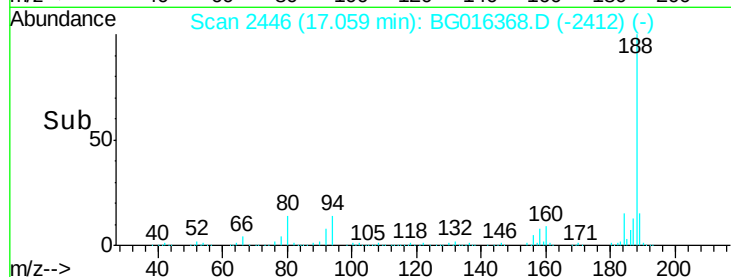
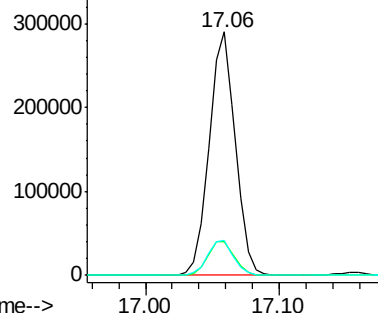
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG016368.D
Acq: 13 Apr 2015 19:36

Instrument :
BNA_G
ClientSampleId :
PB82615BL

Tgt Ion:188 Resp: 392307
Ion Ratio Lower Upper
188 100
94 13.7 12.2 18.4
80 14.3 12.8 19.2

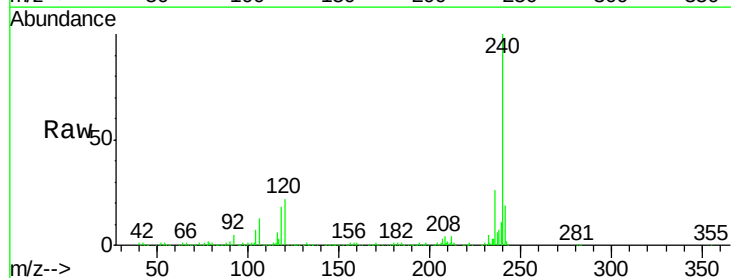


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

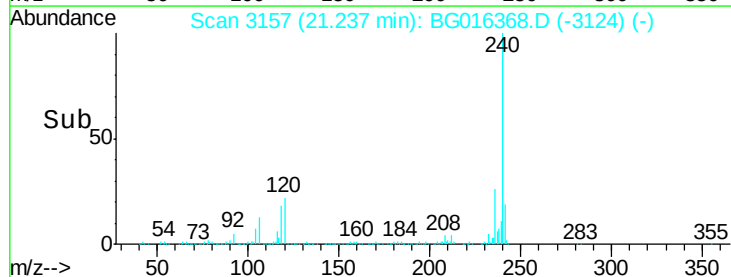
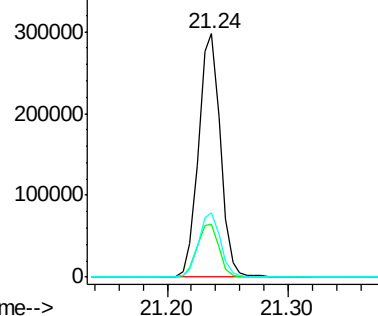


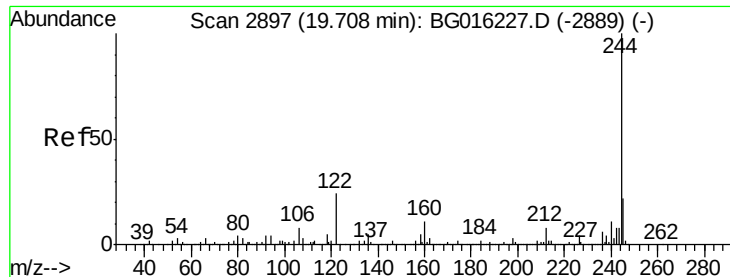
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG016368.D
Acq: 13 Apr 2015 19:36

Tgt Ion:240 Resp: 373835
Ion Ratio Lower Upper
240 100
120 21.6 18.6 28.0
236 26.3 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: 73.16 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016368.D

Acq: 13 Apr 2015 19:36

Instrument :

BNA_G

ClientSampleId :

PB82615BL

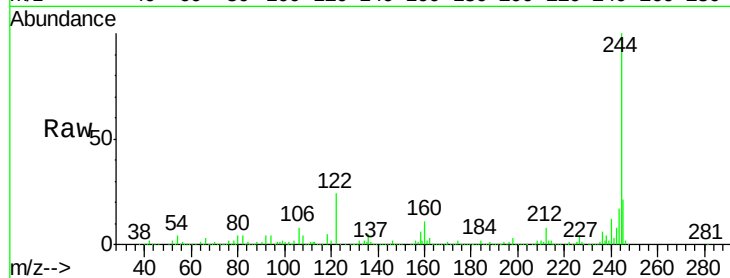
Tgt Ion:244 Resp: 1168568

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

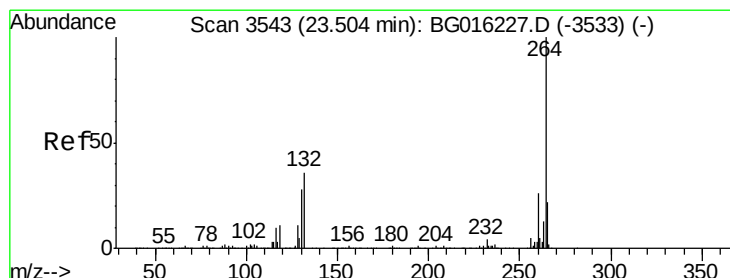
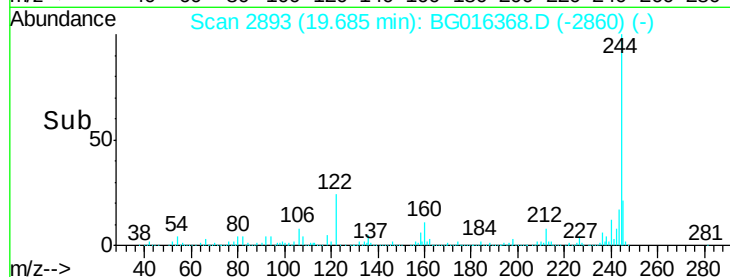
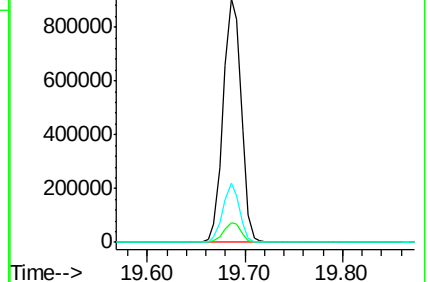
122 24.1 19.1 28.7



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: 23.47 min Scan# 3537

Delta R.T. 0.00 min

Lab File: BG016368.D

Acq: 13 Apr 2015 19:36

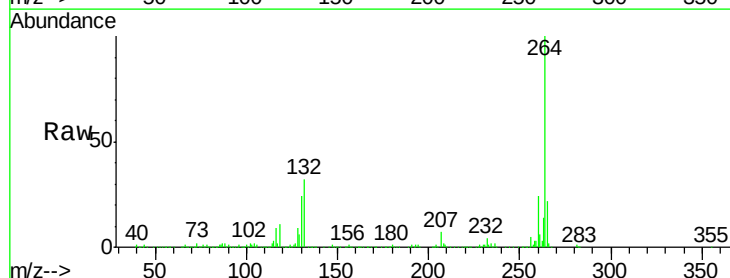
Tgt Ion:264 Resp: 347707

Ion Ratio Lower Upper

264 100

260 24.2 20.4 30.6

265 21.5 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

