

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041415\
 Data File : BG016396.D
 Acq On : 14 Apr 2015 15:00
 Operator : TP/IZ
 Sample : PB82704BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82704BL

Quant Time: Apr 15 03:36:27 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 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	77029	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	348314	20.00	ng	-0.02
38) Acenaphthene-d10	14.31	164	204750	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	468553	20.00	ng	0.00
75) Chrysene-d12	21.23	240	482454	20.00	ng	0.00
86) Perylene-d12	23.46	264	433518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	507030	103.88	ng	-0.02
7) Phenol-d6	6.85	99	700934	95.66	ng	-0.02
23) Nitrobenzene-d5	8.82	82	359497	59.79	ng	-0.02
41) 2,4,6-Tribromophenol	15.80	330	147097	106.23	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	788600	65.58	ng	0.00
78) Terphenyl-d14	19.68	244	1137348	55.17	ng	0.00

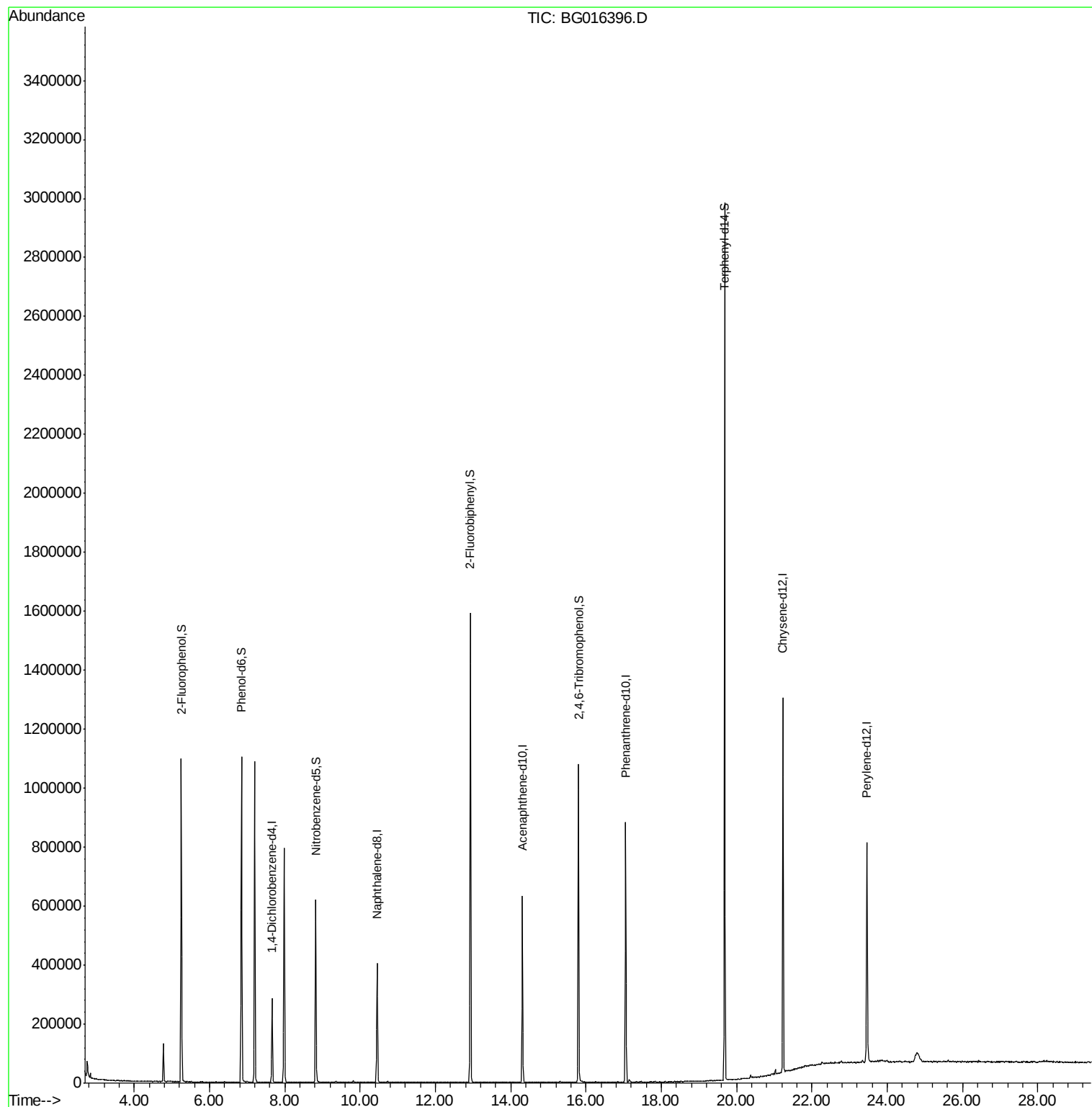
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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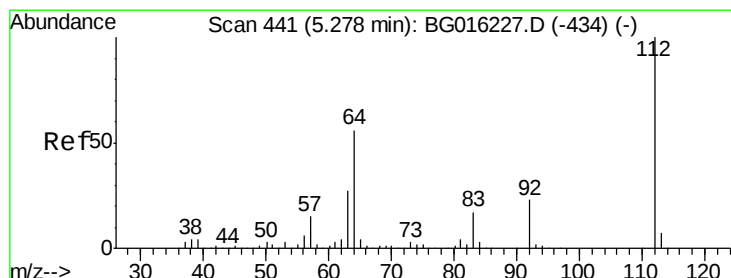
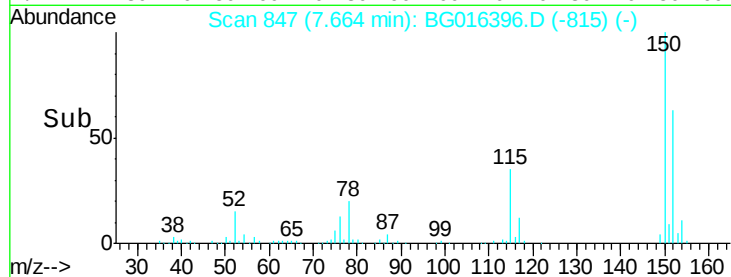
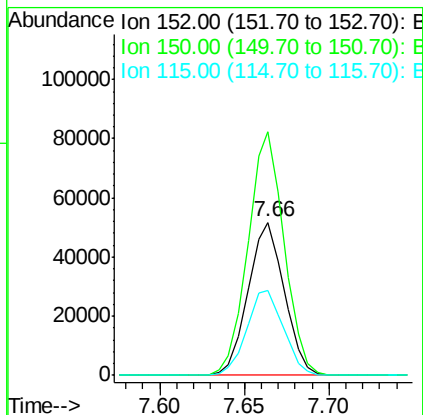
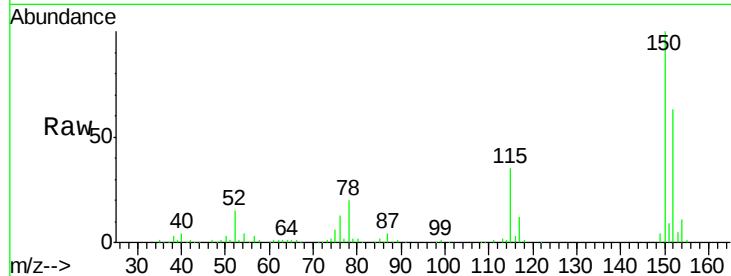


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016396.D
 Acq: 14 Apr 2015 15:00

Instrument :
 BNA_G
 ClientSampleID :
 PB82704BL

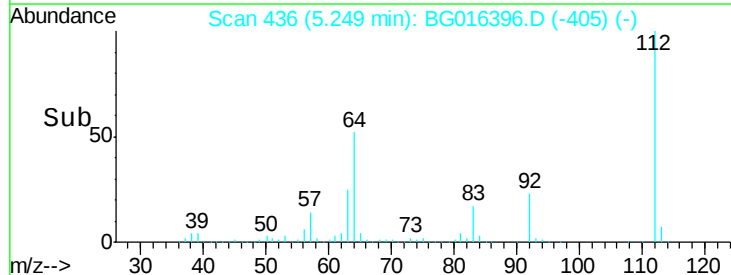
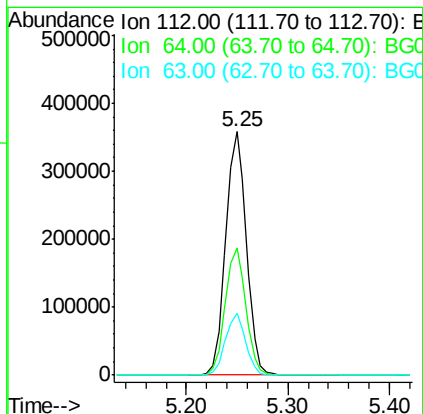
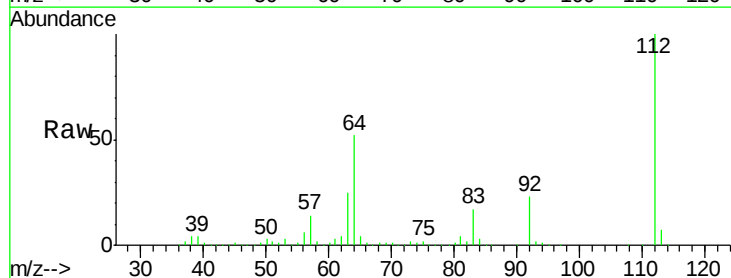
Tgt Ion:152 Resp: 77029
 Ion Ratio Lower Upper
 152 100
 150 159.4 130.1 195.1
 115 55.7 50.5 75.7

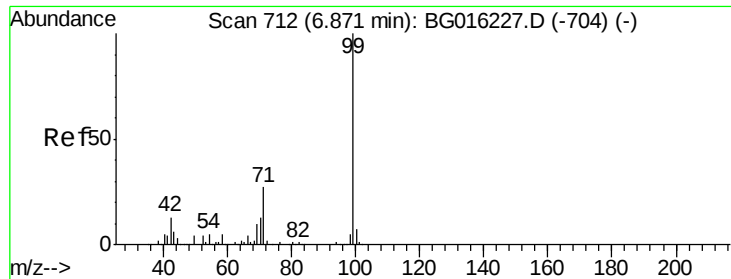


#5

2-Fluorophenol
 Concen: 103.88 ng
 RT: 5.25 min Scan# 436
 Delta R.T. -0.02 min
 Lab File: BG016396.D
 Acq: 14 Apr 2015 15:00

Tgt Ion:112 Resp: 507030
 Ion Ratio Lower Upper
 112 100
 64 52.1 44.5 66.7
 63 25.3 21.4 32.0





#7

Phenol-d6

Concen: 95.66 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG016396.D

Acq: 14 Apr 2015 15:00

Instrument :

BNA_G

ClientSampleId :

PB82704BL

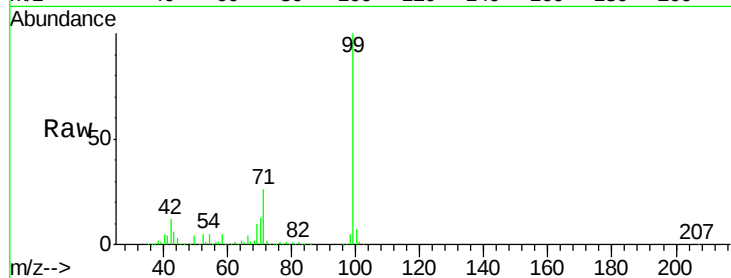
Tgt Ion: 99 Resp: 700934

Ion Ratio Lower Upper

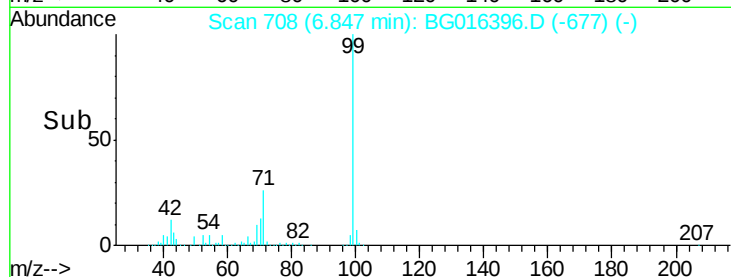
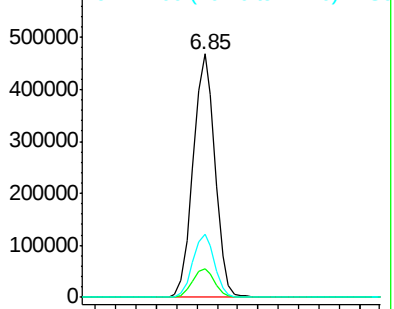
99 100

42 11.7 10.0 15.0

71 25.8 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: 10.45 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BG016396.D

Acq: 14 Apr 2015 15:00

Tgt Ion: 136 Resp: 348314

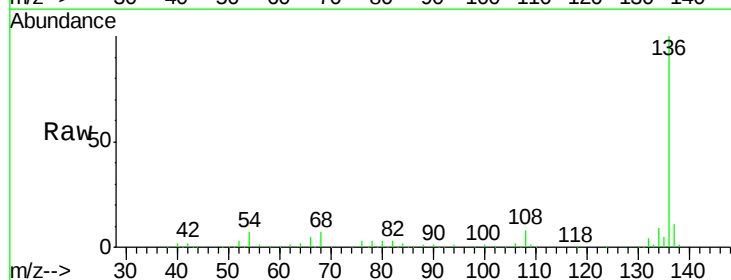
Ion Ratio Lower Upper

136 100

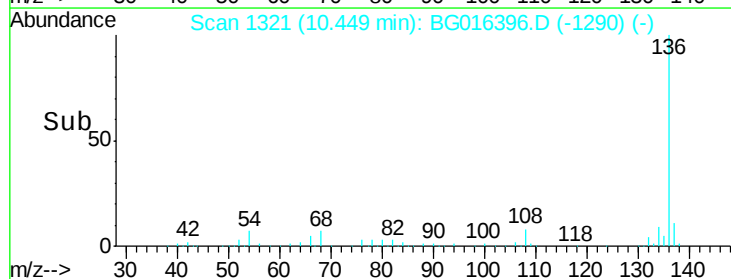
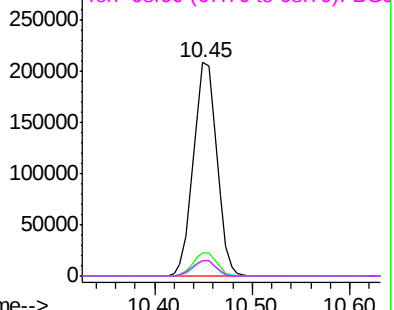
137 11.0 8.7 13.1

54 7.1 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

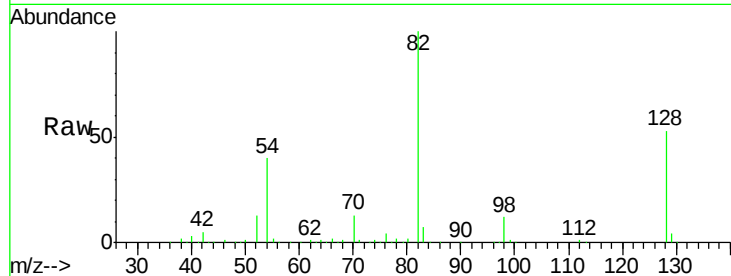




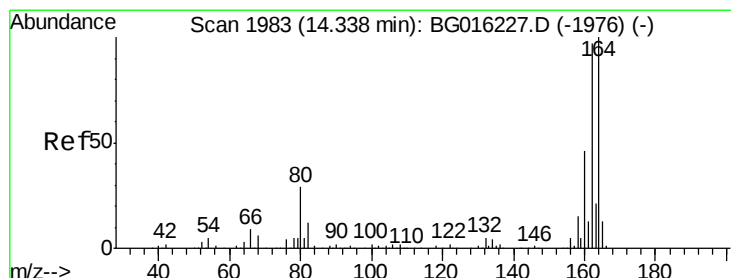
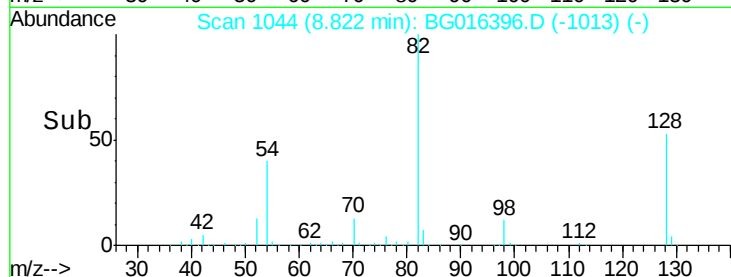
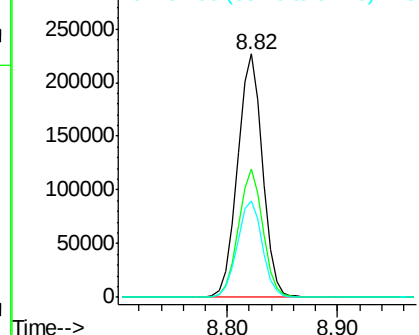
#23
Nitrobenzene-d5
Concen: 59.79 ng
RT: 8.82 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG016396.D
Acq: 14 Apr 2015 15:00

Instrument :
BNA_G
ClientSampleId :
PB82704BL

Tgt Ion: 82 Resp: 359497
Ion Ratio Lower Upper
82 100
128 52.6 37.8 56.8
54 39.8 32.6 49.0

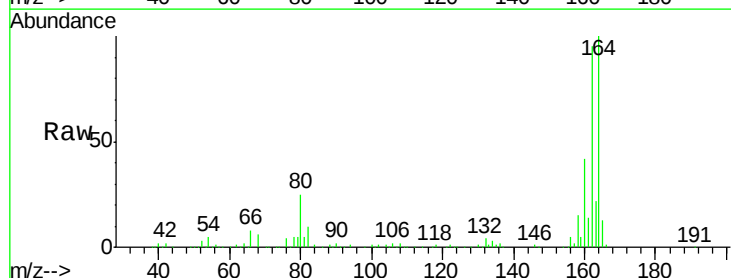


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

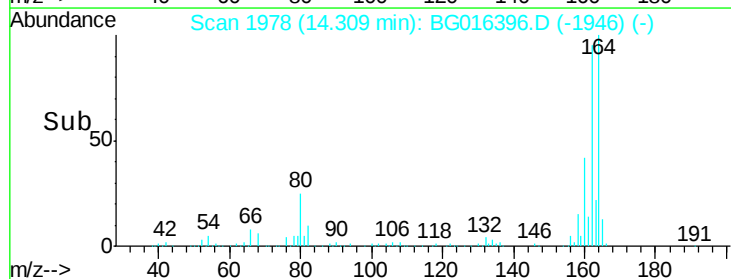
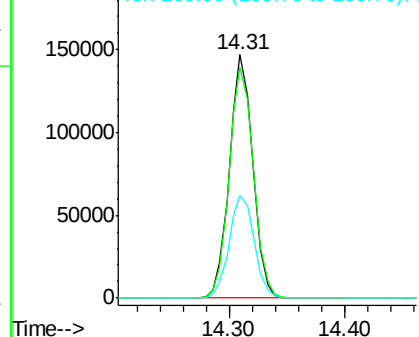


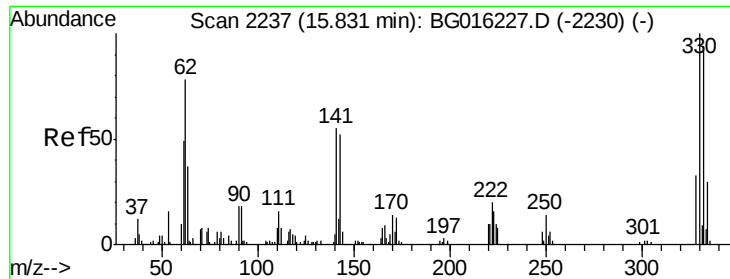
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.31 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG016396.D
Acq: 14 Apr 2015 15:00

Tgt Ion: 164 Resp: 204750
Ion Ratio Lower Upper
164 100
162 94.9 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

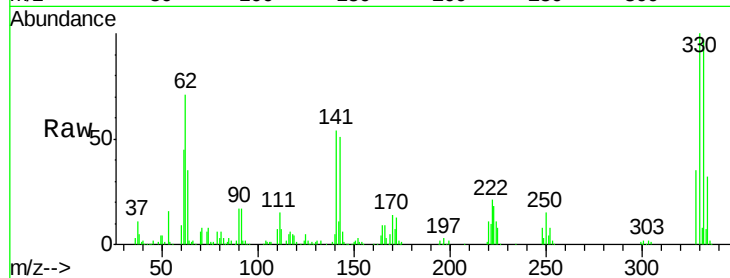




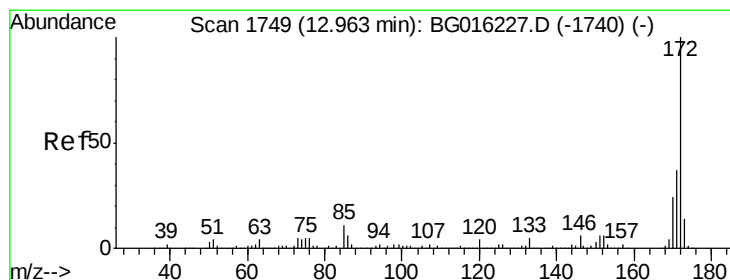
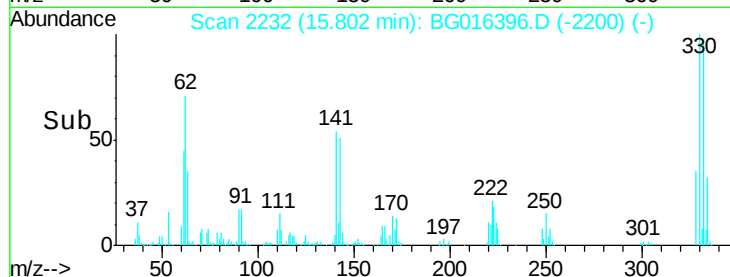
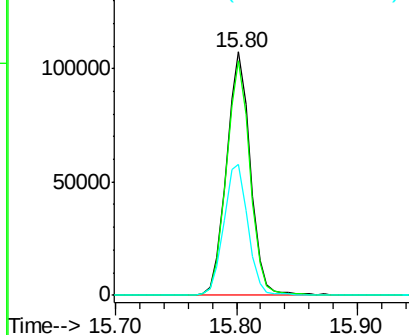
#41
 2,4,6-Tribromophenol
 Concen: 106.23 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016396.D
 Acq: 14 Apr 2015 15:00

Instrument :
 BNA_G
 ClientSampleID :
 PB82704BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.8	113.6
141	54.3	46.6	69.8

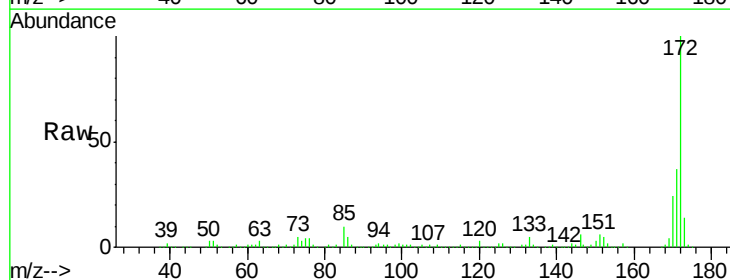


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

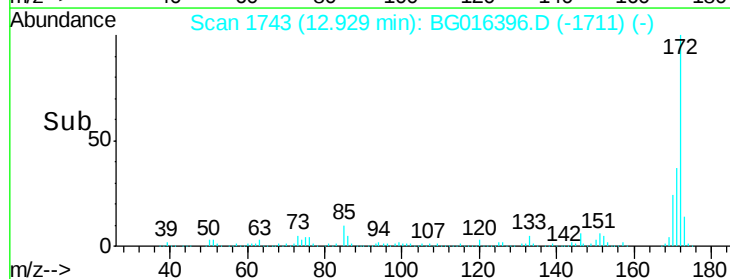
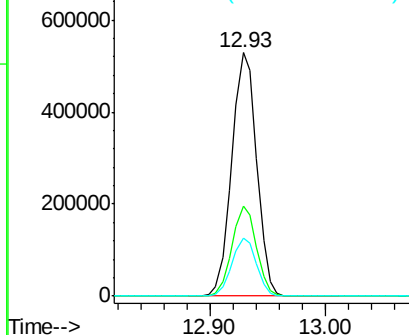


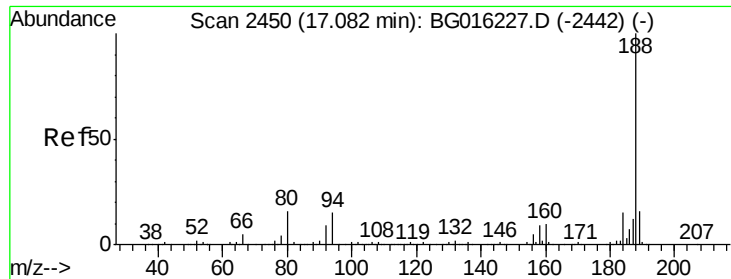
#44
 2-Fluorobiphenyl
 Concen: 65.58 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016396.D
 Acq: 14 Apr 2015 15:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	23.9	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

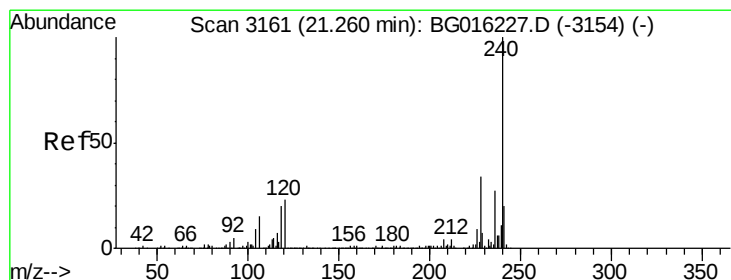
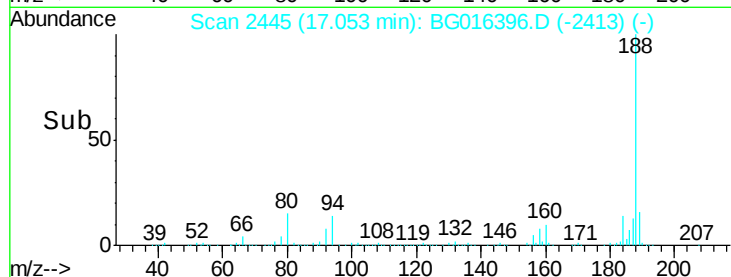
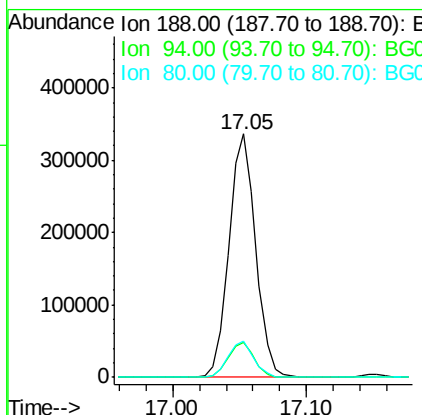
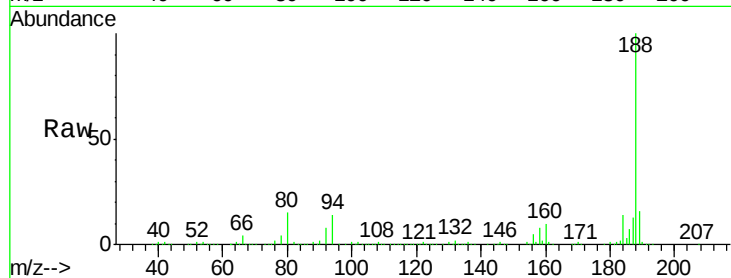




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG016396.D
Acq: 14 Apr 2015 15:00

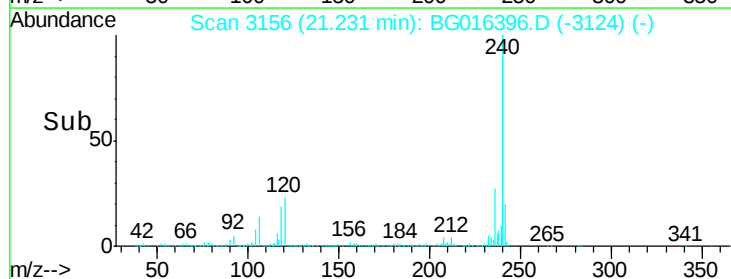
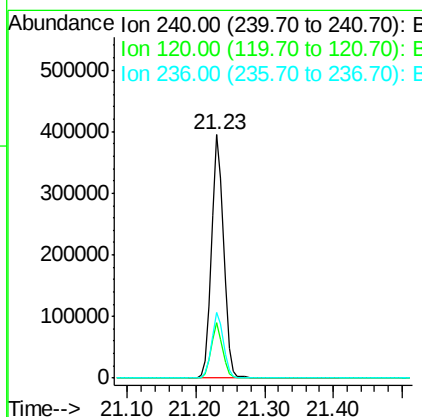
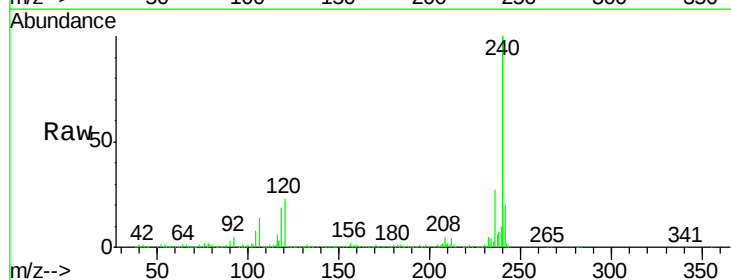
Instrument :
BNA_G
ClientSampleId :
PB82704BL

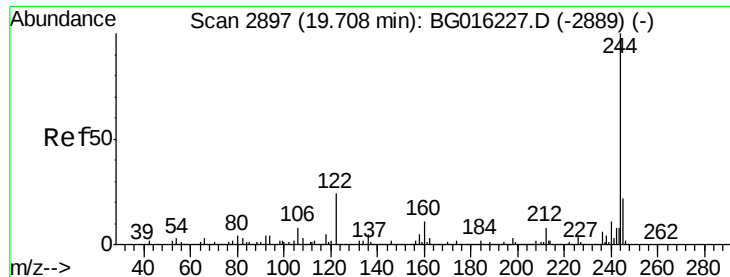
Tgt Ion:188 Resp: 468553
Ion Ratio Lower Upper
188 100
94 14.2 12.2 18.4
80 14.6 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016396.D
Acq: 14 Apr 2015 15:00

Tgt Ion:240 Resp: 482454
Ion Ratio Lower Upper
240 100
120 22.9 18.6 28.0
236 26.9 21.7 32.5





#78

Terphenyl-d14

Concen: 55.17 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016396.D

Acq: 14 Apr 2015 15:00

Instrument :

BNA_G

ClientSampled :

PB82704BL

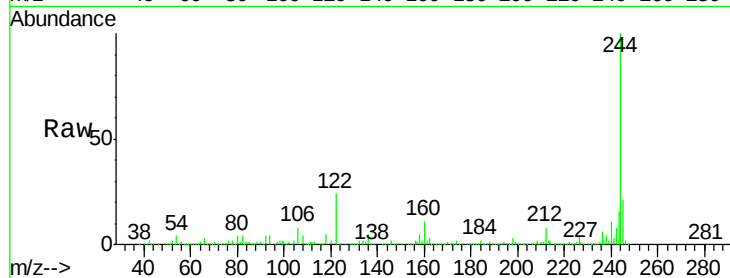
Tgt Ion:244 Resp: 1137348

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

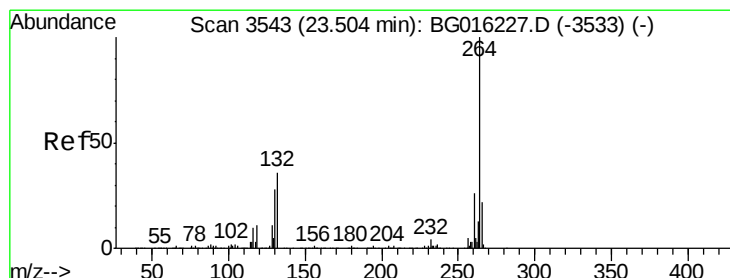
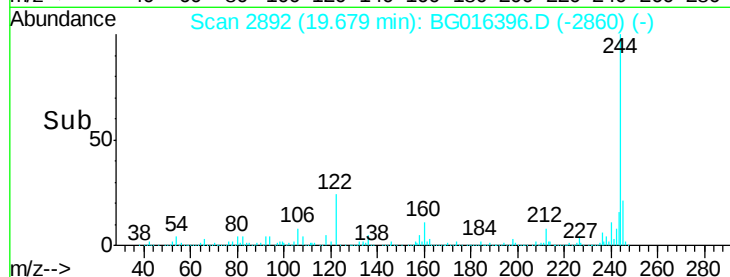
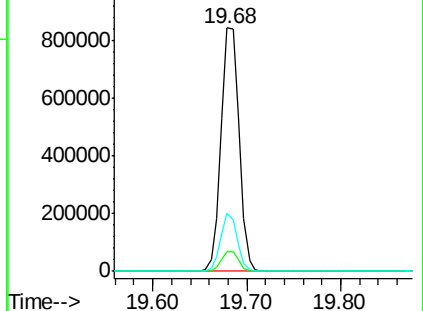
122 23.9 19.1 28.7



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# 3536

Delta R.T. -0.00 min

Lab File: BG016396.D

Acq: 14 Apr 2015 15:00

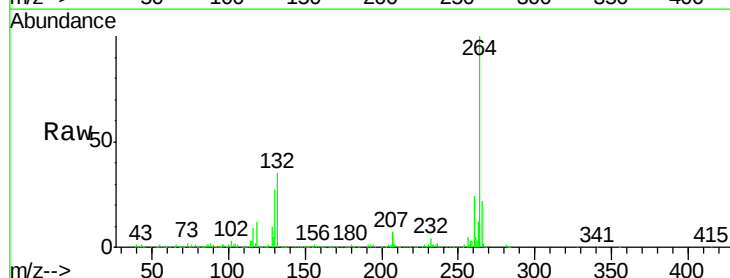
Tgt Ion:264 Resp: 433518

Ion Ratio Lower Upper

264 100

260 24.1 20.4 30.6

265 21.7 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

