

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016465.D
 Acq On : 16 Apr 2015 20:50
 Operator : TP/IZ
 Sample : PB82743BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82743BL

Quant Time: Apr 17 04:14:33 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	7.66	152	66991	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	281909	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	164364	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	370292	20.00	ng	0.00
75) Chrysene-d12	21.23	240	327591	20.00	ng	0.00
86) Perylene-d12	23.45	264	308404	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	440061	103.67	ng	0.00
7) Phenol-d6	6.85	99	590738	92.71	ng	0.00
23) Nitrobenzene-d5	8.82	82	296761	60.98	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	125967	113.32	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	650590	67.39	ng	0.00
78) Terphenyl-d14	19.67	244	843926	60.29	ng	0.00

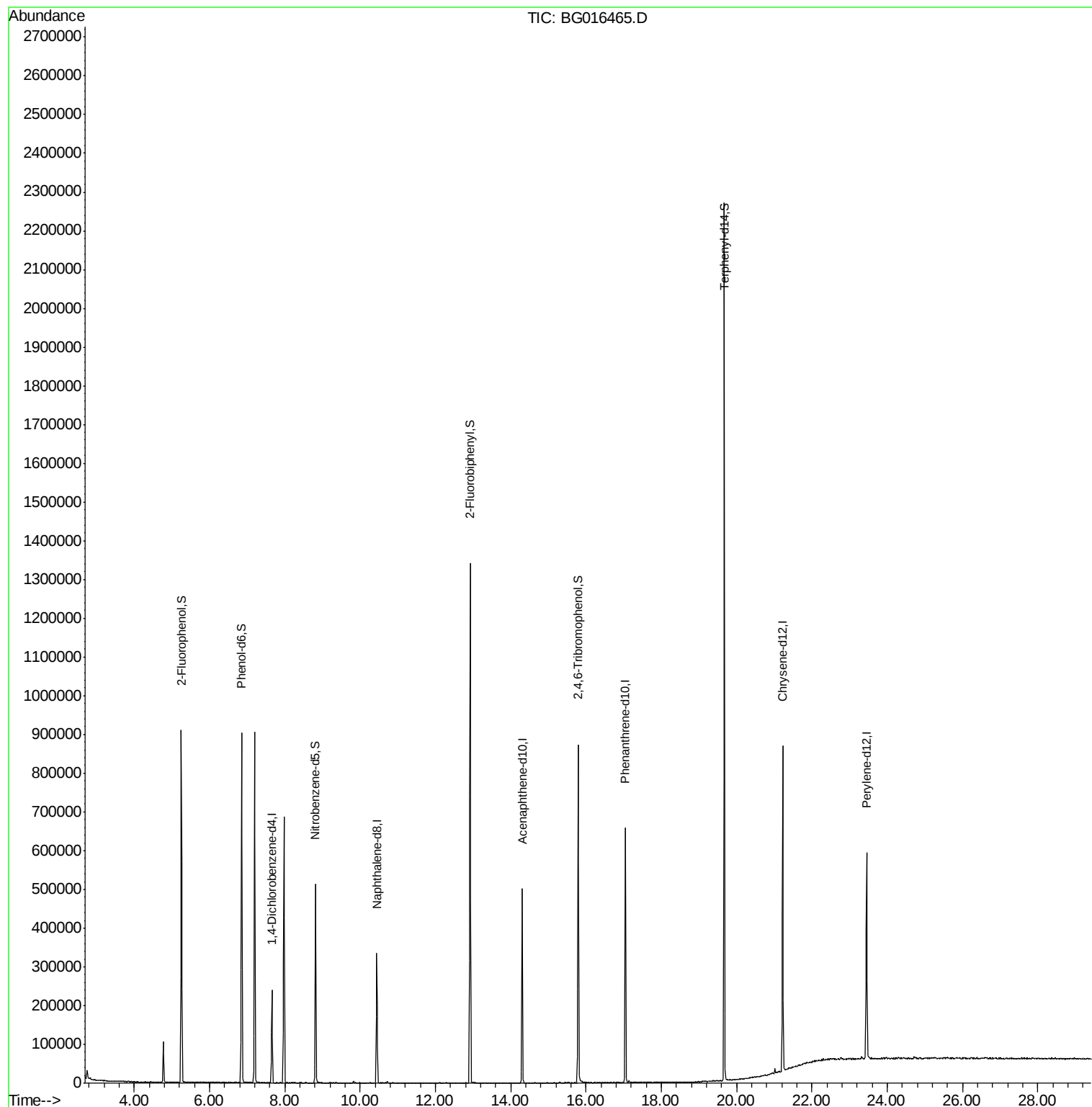
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016465.D

Acq: 16 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

PB82743BL

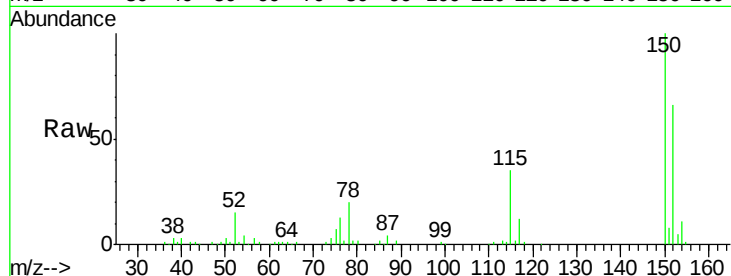
Tgt Ion:152 Resp: 66991

Ion Ratio Lower Upper

152 100

150 152.6 130.1 195.1

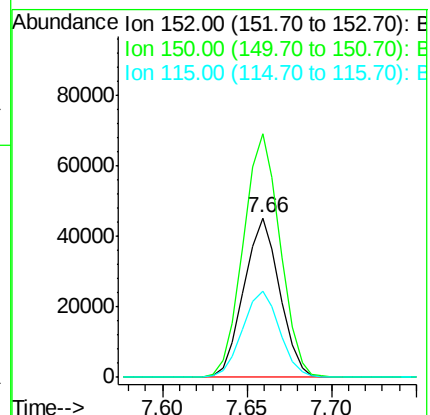
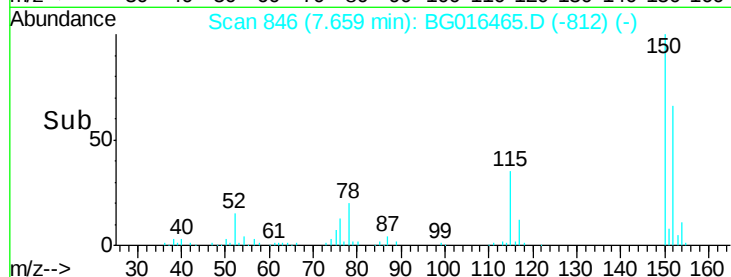
115 53.7 50.5 75.7



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: 103.67 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.01 min

Lab File: BG016465.D

Acq: 16 Apr 2015 20:50

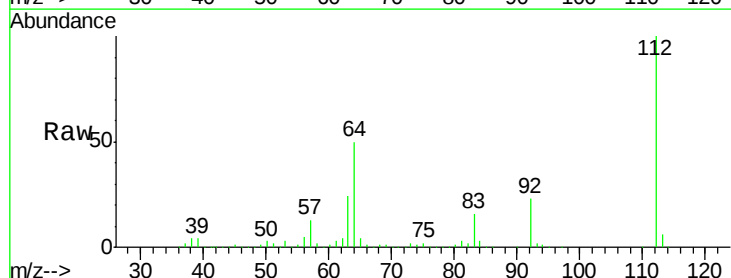
Tgt Ion:112 Resp: 440061

Ion Ratio Lower Upper

112 100

64 50.2 44.5 66.7

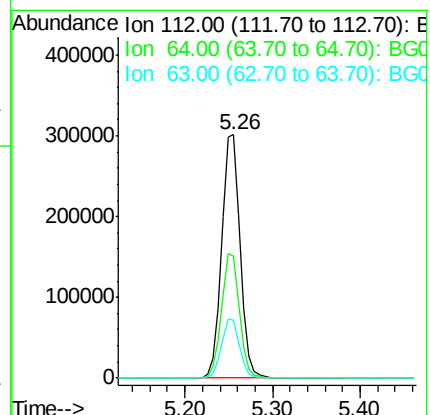
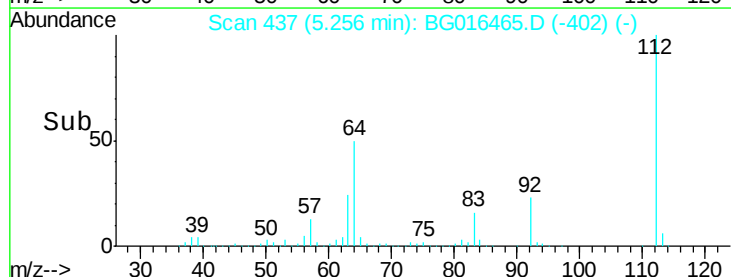
63 23.9 21.4 32.0



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: 92.71 ng

RT: 6.85 min Scan# 709

Delta R.T. -0.00 min

Lab File: BG016465.D

Acq: 16 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

PB82743BL

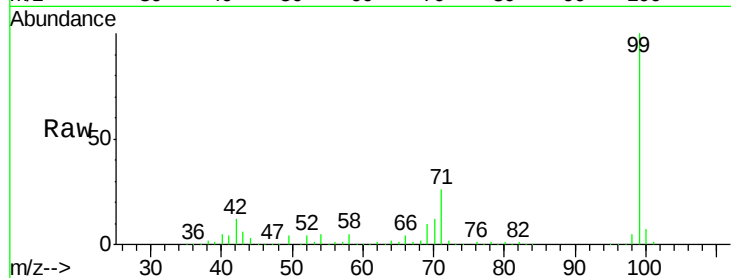
Tgt Ion: 99 Resp: 590738

Ion Ratio Lower Upper

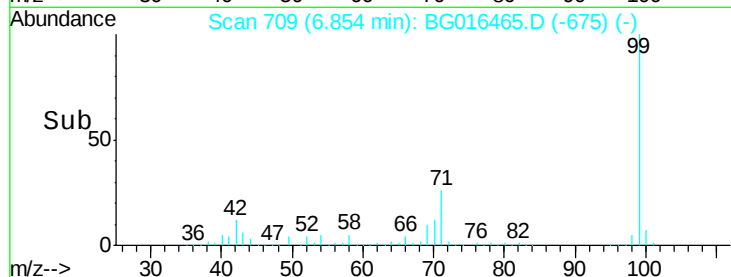
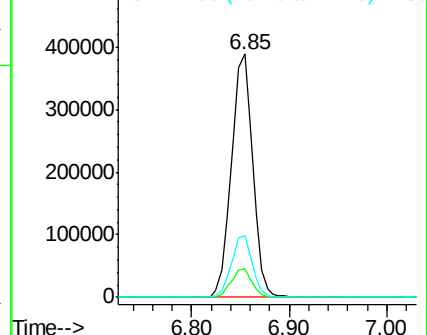
99 100

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: BG016465.D

Acq: 16 Apr 2015 20:50

Tgt Ion: 136 Resp: 281909

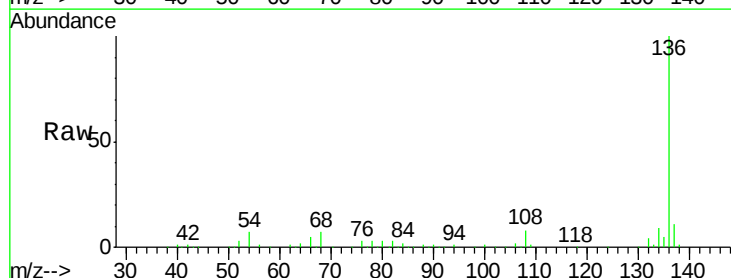
Ion Ratio Lower Upper

136 100

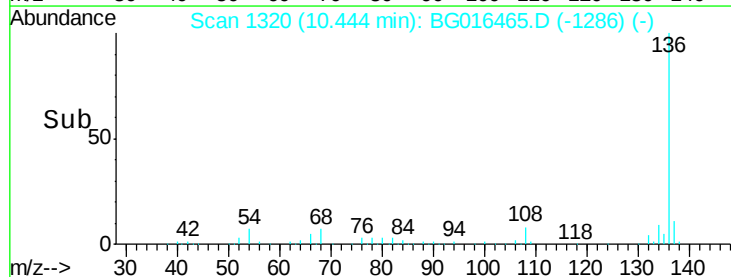
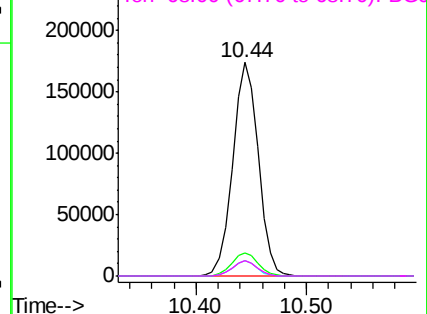
137 10.6 8.7 13.1

54 7.2 6.3 9.5

68 7.1 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

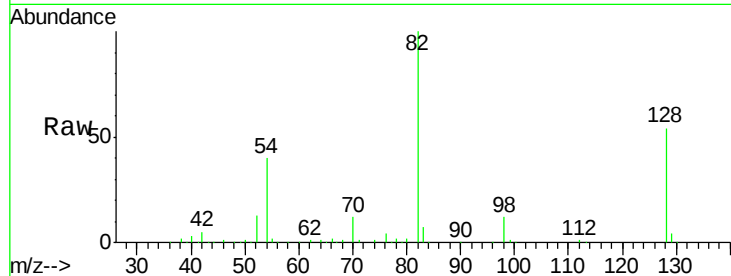




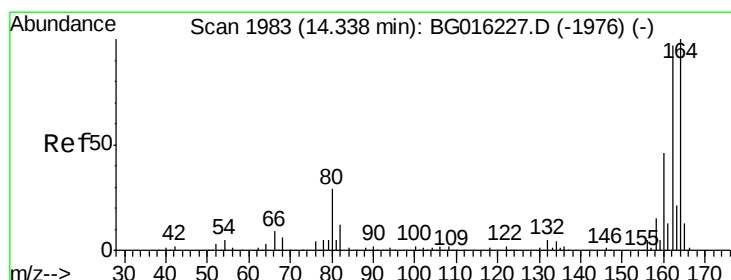
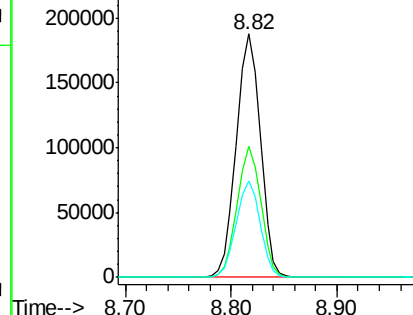
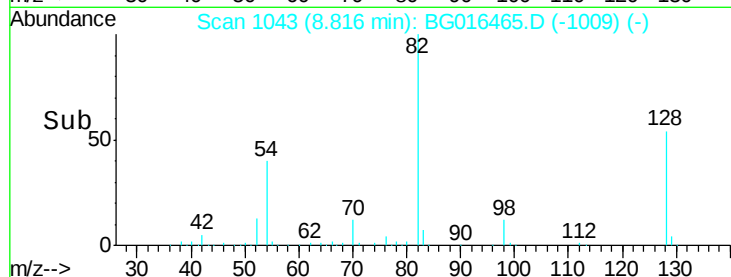
#23
 Nitrobenzene-d5
 Concen: 60.98 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG016465.D
 Acq: 16 Apr 2015 20:50

Instrument :
 BNA_G
 ClientSampleId :
 PB82743BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	54.0	37.8	56.8
54	39.9	32.6	49.0

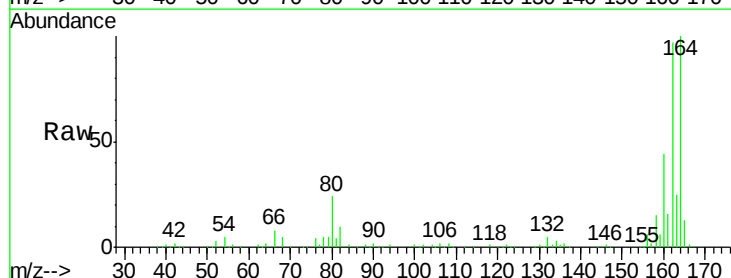


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

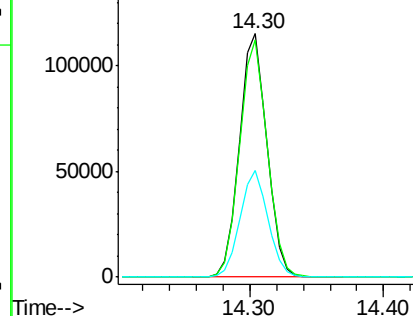
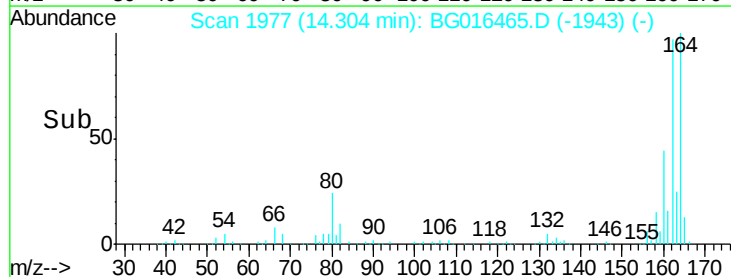


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG016465.D
 Acq: 16 Apr 2015 20:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	77.3	115.9
160	43.6	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

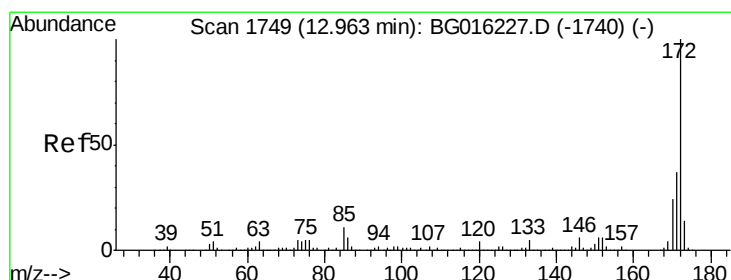
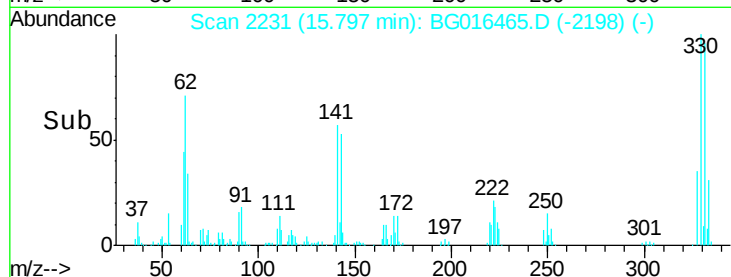
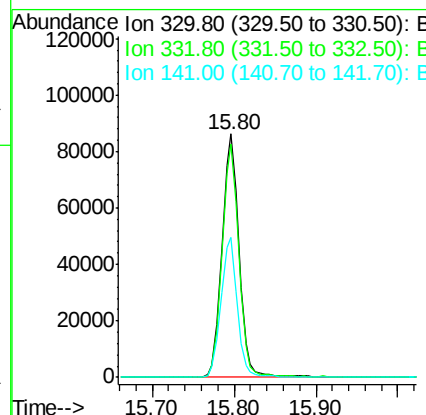
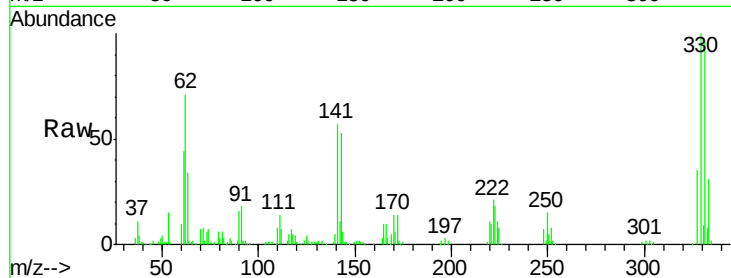




#41
 2,4,6-Tribromophenol
 Concen: 113.32 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BG016465.D
 Acq: 16 Apr 2015 20:50

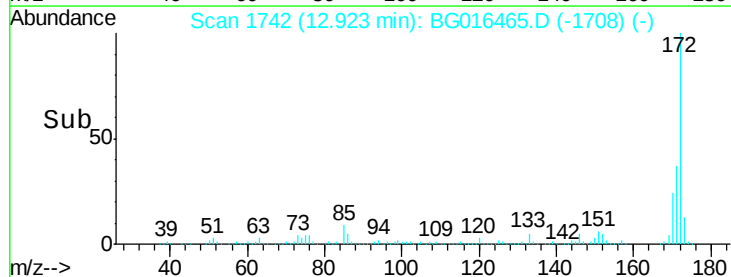
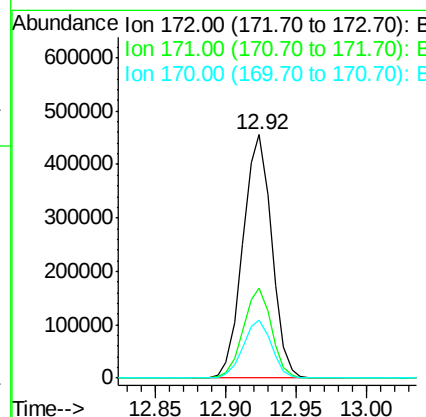
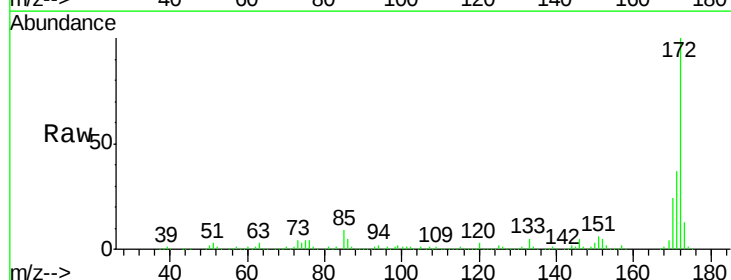
Instrument :
 BNA_G
 ClientSampleId :
 PB82743BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.8	113.6
141	54.9	46.6	69.8



#44
 2-Fluorobiphenyl
 Concen: 67.39 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG016465.D
 Acq: 16 Apr 2015 20:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	23.9	19.4	29.2

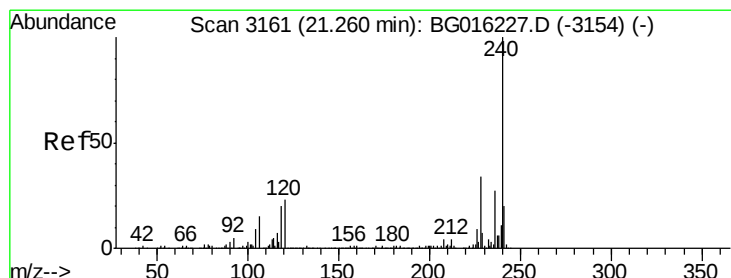
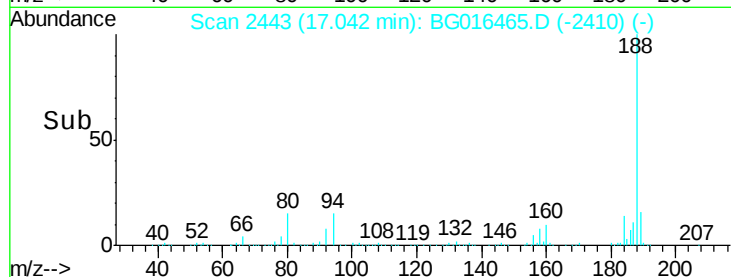
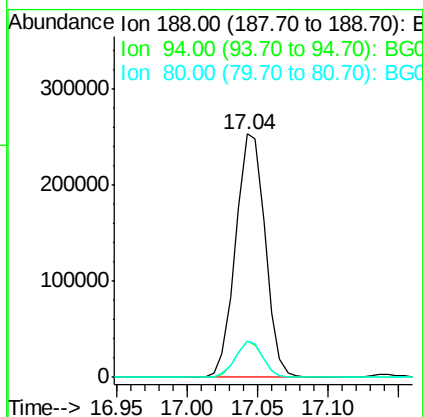
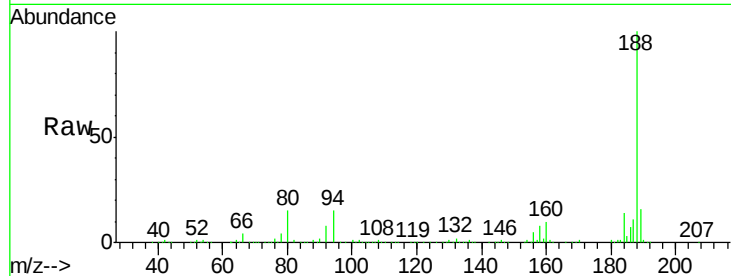




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG016465.D
Acq: 16 Apr 2015 20:50

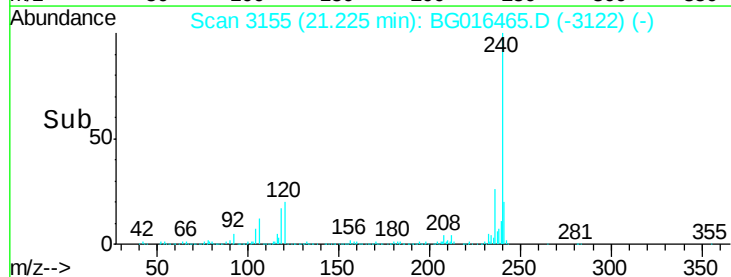
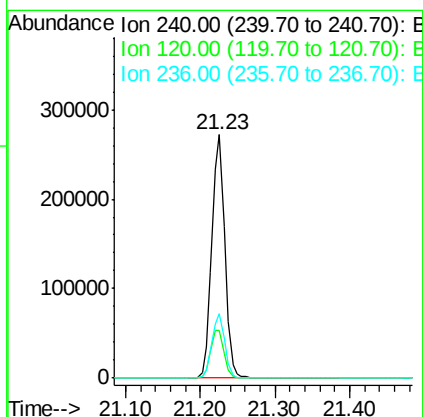
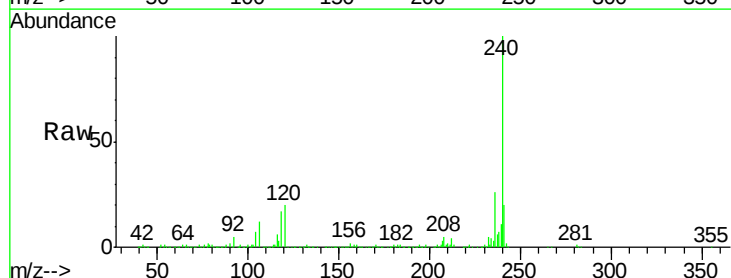
Instrument :
BNA_G
ClientSampleId :
PB82743BL

Tgt Ion:188 Resp: 370292
Ion Ratio Lower Upper
188 100
94 14.7 12.2 18.4
80 14.7 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016465.D
Acq: 16 Apr 2015 20:50

Tgt Ion:240 Resp: 327591
Ion Ratio Lower Upper
240 100
120 19.9 18.6 28.0
236 26.3 21.7 32.5





#78

Terphenyl-d14

Concen: 60.29 ng

RT: 19.67 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BG016465.D

Acq: 16 Apr 2015 20:50

Instrument :

BNA_G

ClientSampleId :

PB82743BL

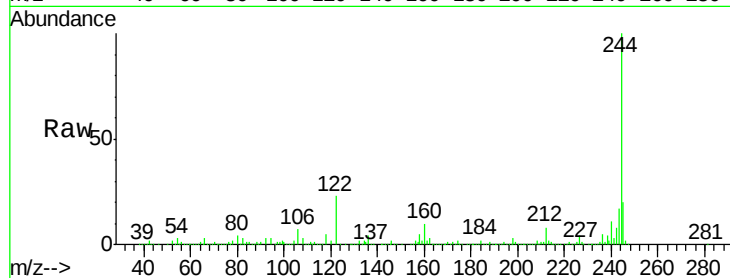
Tgt Ion:244 Resp: 843926

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

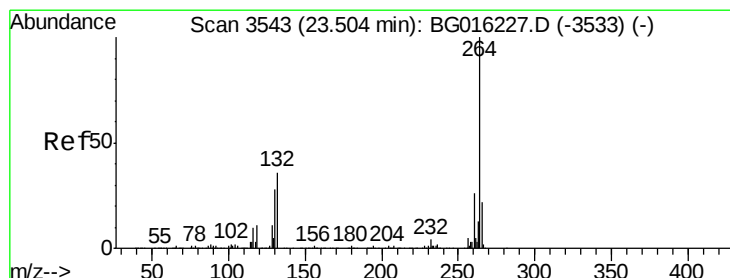
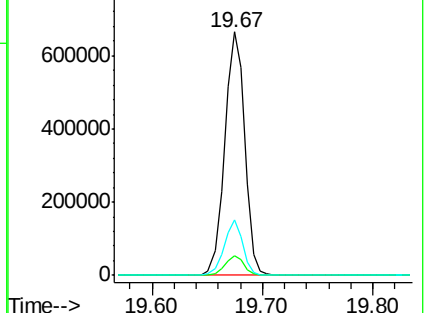
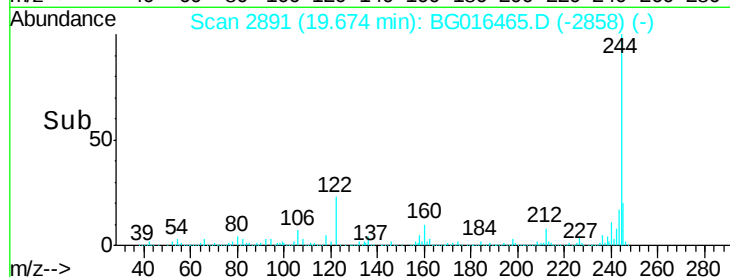
122 22.6 19.1 28.7



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: 23.45 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG016465.D

Acq: 16 Apr 2015 20:50

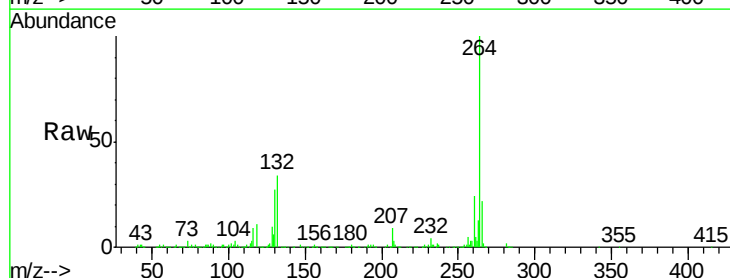
Tgt Ion:264 Resp: 308404

Ion Ratio Lower Upper

264 100

260 24.4 20.4 30.6

265 22.0 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

