

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
 Data File : BG016463.D
 Acq On : 16 Apr 2015 19:41
 Operator : TP/IZ
 Sample : PB82807BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82807BL

Quant Time: Apr 17 04:13:40 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	54373	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	225578	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	126139	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	277835	20.00	ng	0.00
75) Chrysene-d12	21.23	240	261550	20.00	ng	0.00
86) Perylene-d12	23.46	264	249731	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	425950	123.63	ng	0.00
7) Phenol-d6	6.85	99	574065	111.00	ng	0.00
23) Nitrobenzene-d5	8.82	82	287196	73.75	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	121241	142.12	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	621836	83.93	ng	0.00
78) Terphenyl-d14	19.67	244	838030	74.99	ng	0.00

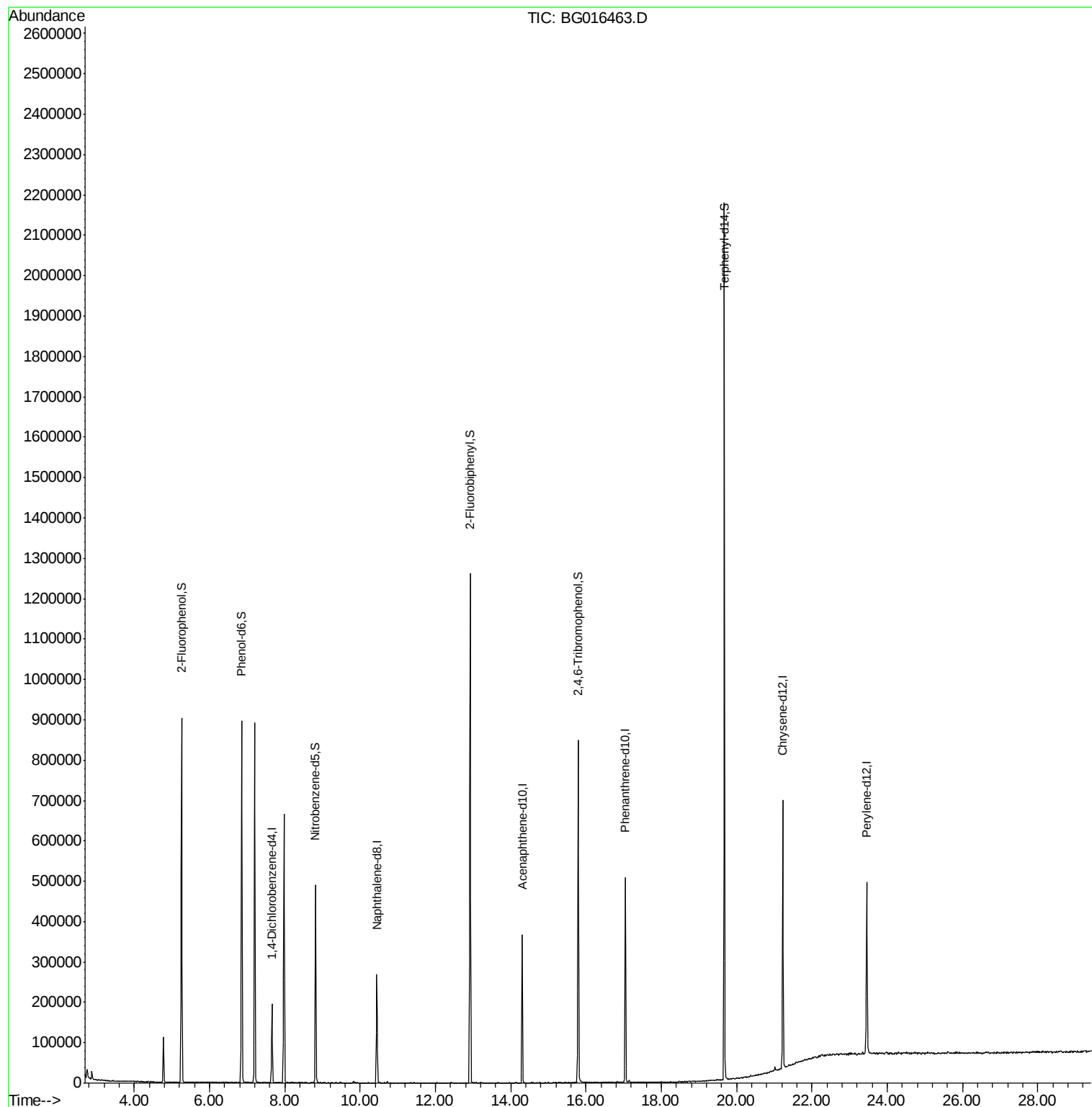
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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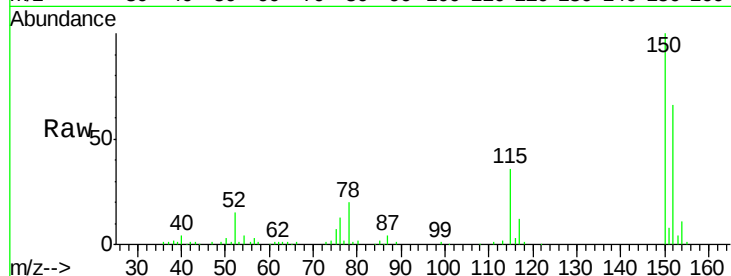


#1

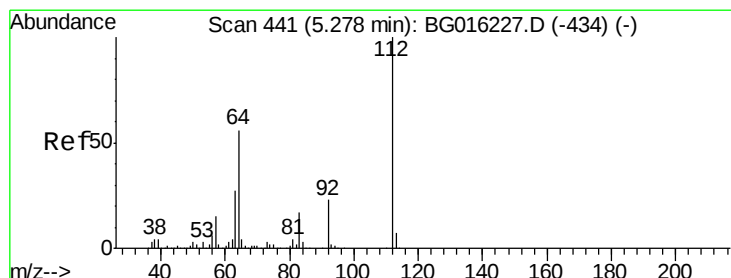
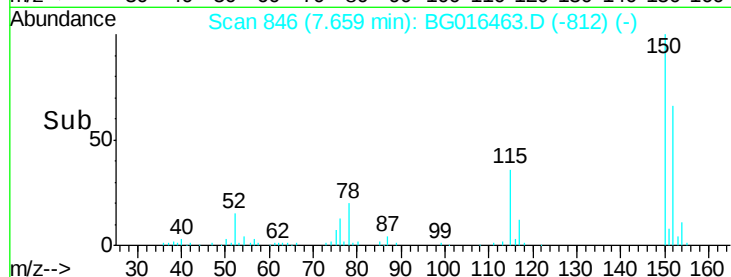
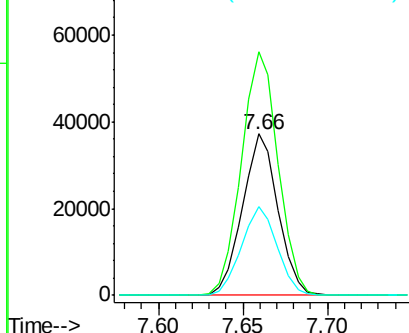
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.66 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG016463.D
 Acq: 16 Apr 2015 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB82807BL

Tgt Ion:152 Resp: 54373
 Ion Ratio Lower Upper
 152 100
 150 150.8 130.1 195.1
 115 55.0 50.5 75.7



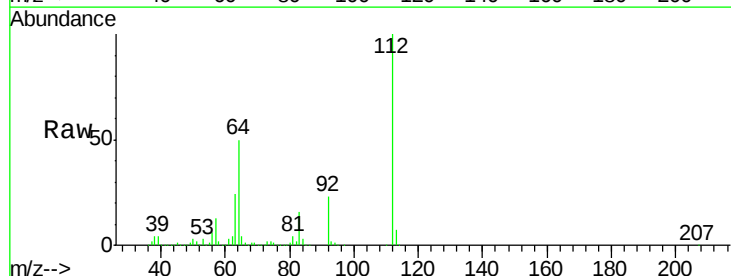
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



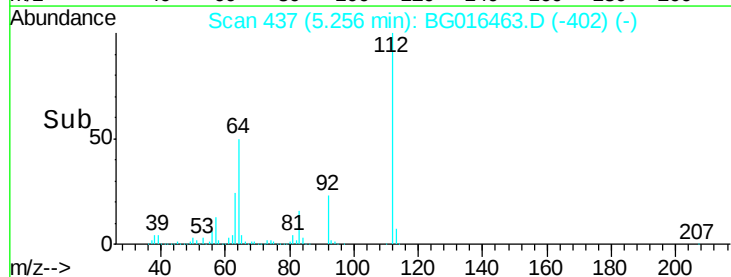
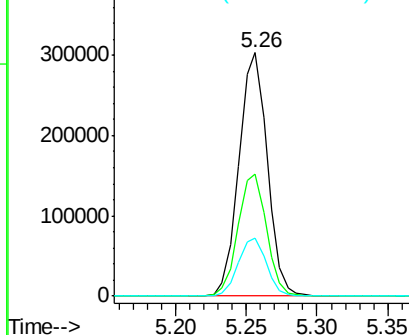
#5

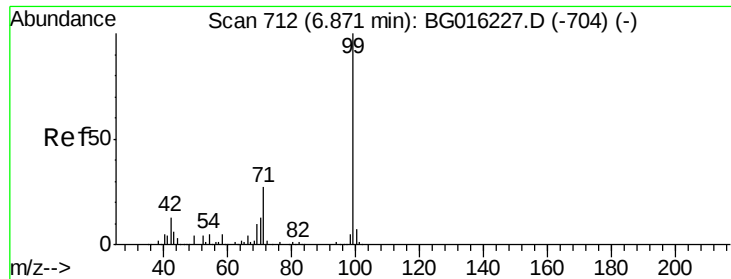
2-Fluorophenol
 Concen: 123.63 ng
 RT: 5.26 min Scan# 437
 Delta R.T. 0.01 min
 Lab File: BG016463.D
 Acq: 16 Apr 2015 19:41

Tgt Ion:112 Resp: 425950
 Ion Ratio Lower Upper
 112 100
 64 50.1 44.5 66.7
 63 23.8 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 111.00 ng

RT: 6.85 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG016463.D

Acq: 16 Apr 2015 19:41

Instrument :

BNA_G

ClientSampleId :

PB82807BL

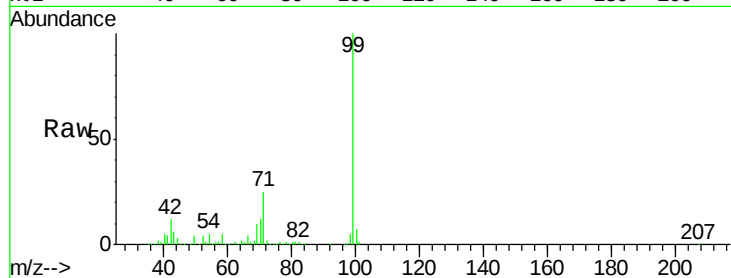
Tgt Ion: 99 Resp: 574065

Ion Ratio Lower Upper

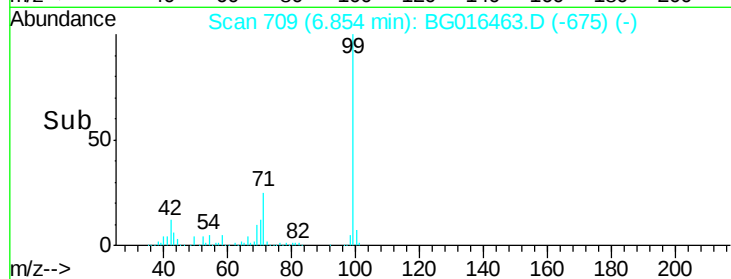
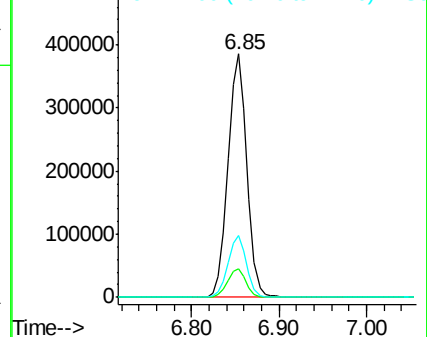
99 100

42 11.7 10.0 15.0

71 25.3 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: BG016463.D

Acq: 16 Apr 2015 19:41

Tgt Ion: 136 Resp: 225578

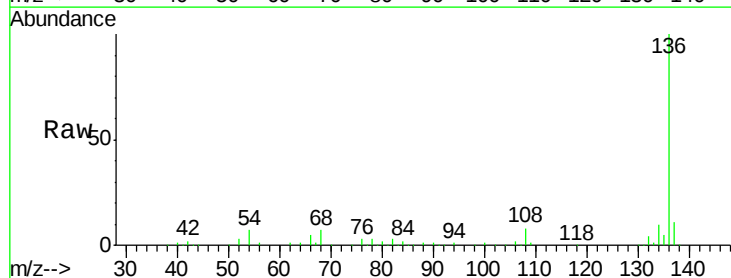
Ion Ratio Lower Upper

136 100

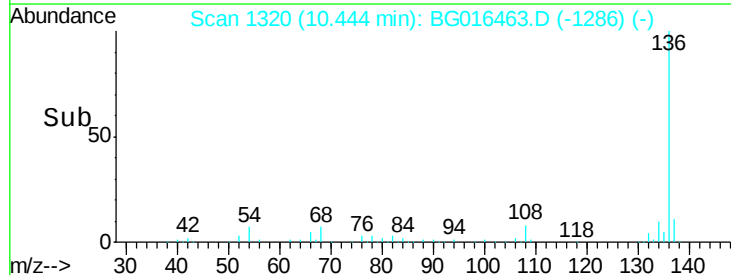
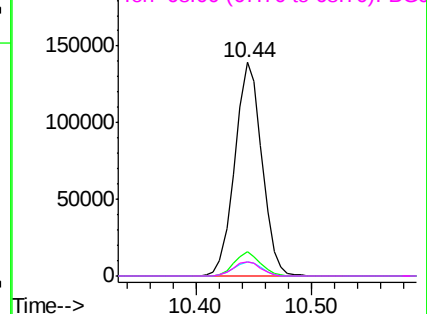
137 11.2 8.7 13.1

54 6.6 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

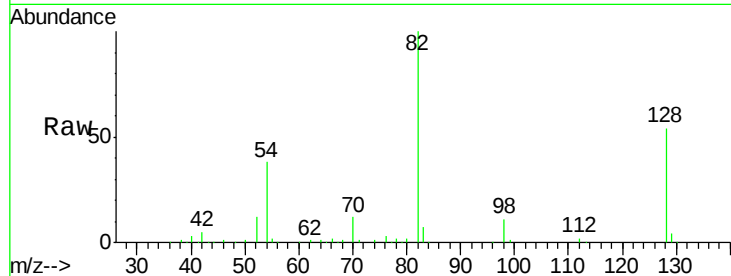




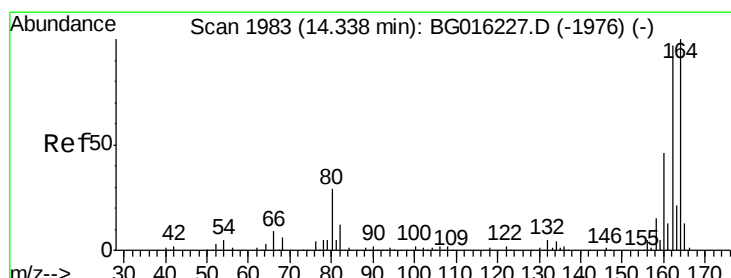
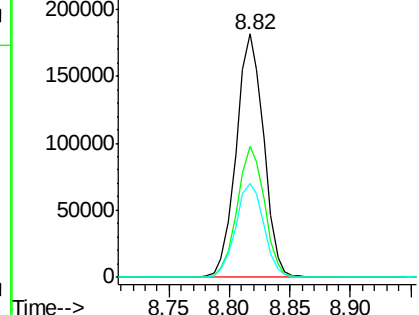
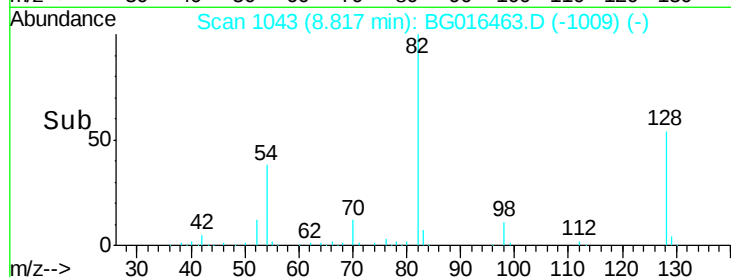
#23
 Nitrobenzene-d5
 Concen: 73.75 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG016463.D
 Acq: 16 Apr 2015 19:41

Instrument :
 BNA_G
 ClientSampleID :
 PB82807BL

Tgt Ion: 82 Resp: 287196
 Ion Ratio Lower Upper
 82 100
 128 53.7 37.8 56.8
 54 38.3 32.6 49.0

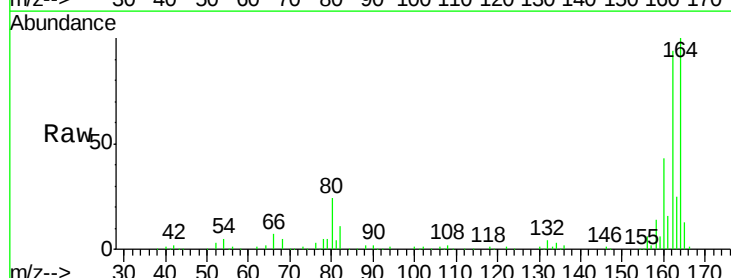


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

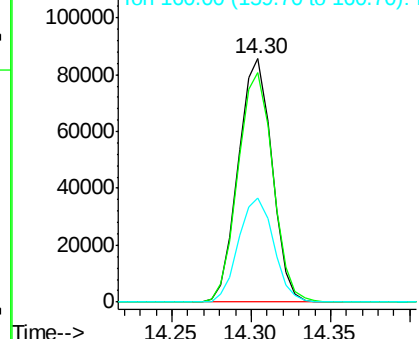
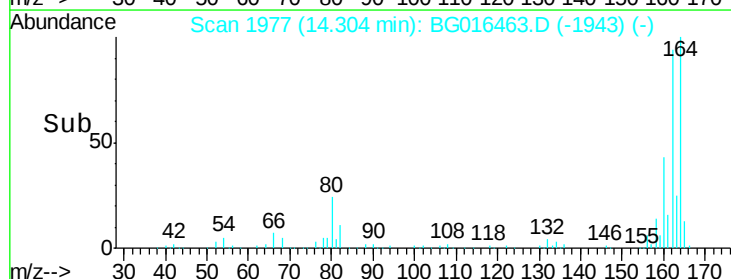


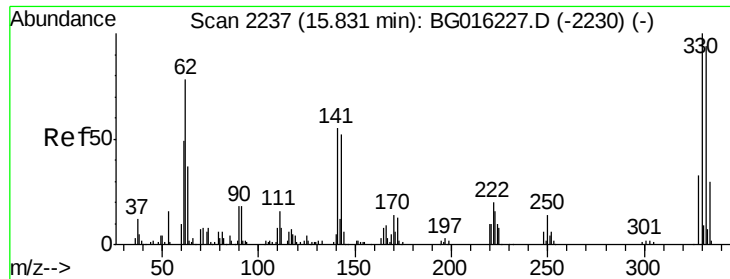
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BG016463.D
 Acq: 16 Apr 2015 19:41

Tgt Ion: 164 Resp: 126139
 Ion Ratio Lower Upper
 164 100
 162 94.1 77.3 115.9
 160 42.6 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

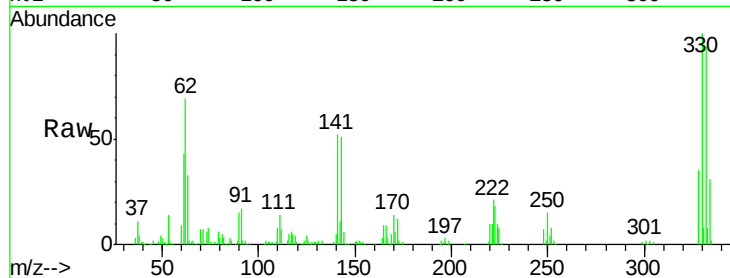




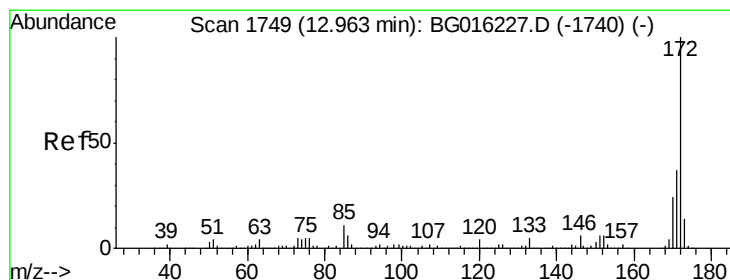
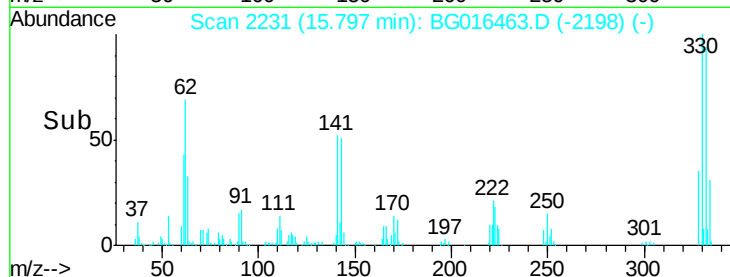
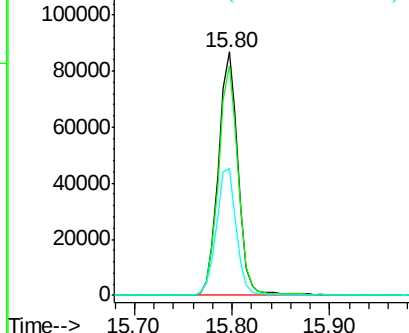
#41
 2,4,6-Tribromophenol
 Concen: 142.12 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BG016463.D
 Acq: 16 Apr 2015 19:41

Instrument :
 BNA_G
 ClientSampleId :
 PB82807BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.8	113.6
141	53.4	46.6	69.8

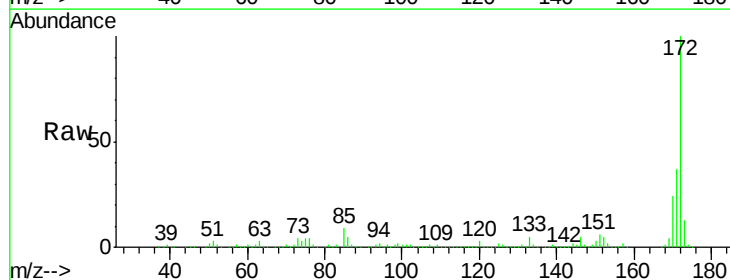


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

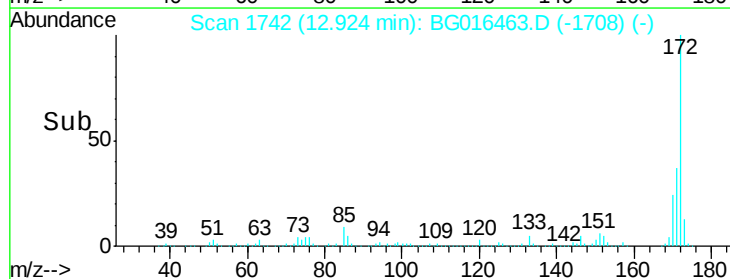
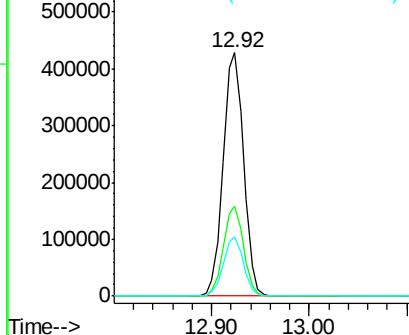


#44
 2-Fluorobiphenyl
 Concen: 83.93 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG016463.D
 Acq: 16 Apr 2015 19:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.3	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

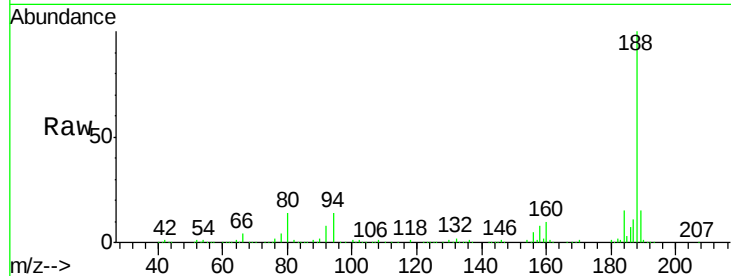




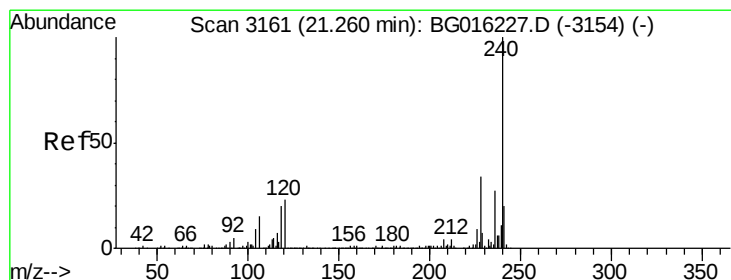
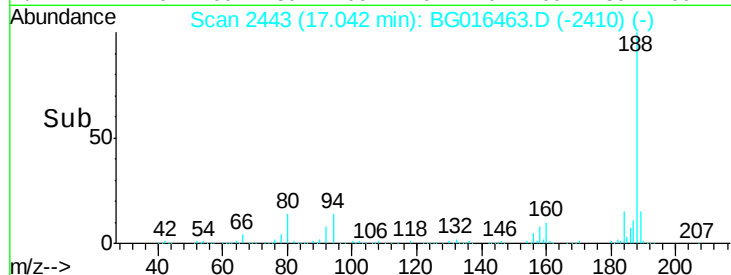
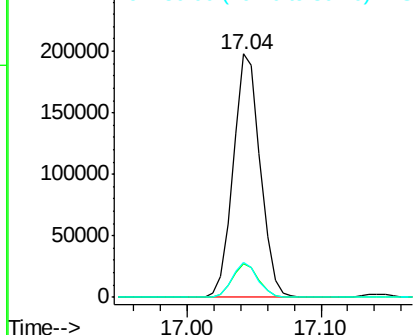
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG016463.D
Acq: 16 Apr 2015 19:41

Instrument :
BNA_G
ClientSampleId :
PB82807BL

Tgt Ion:188 Resp: 277835
Ion Ratio Lower Upper
188 100
94 13.7 12.2 18.4
80 14.4 12.8 19.2

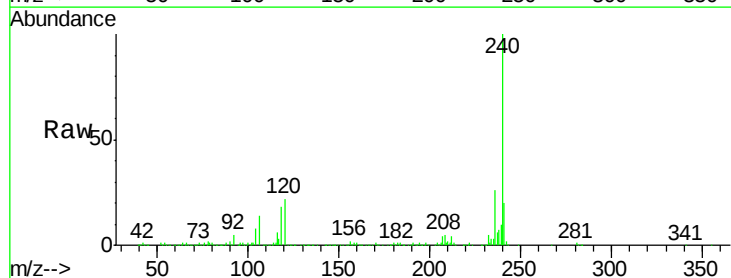


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

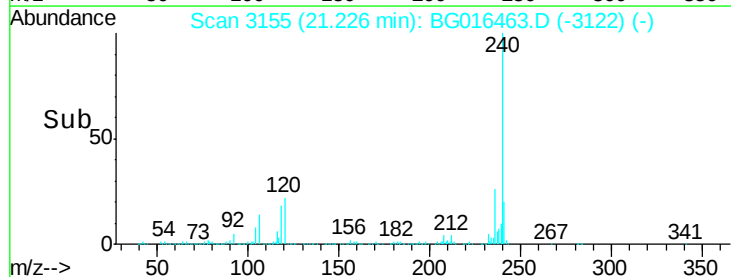
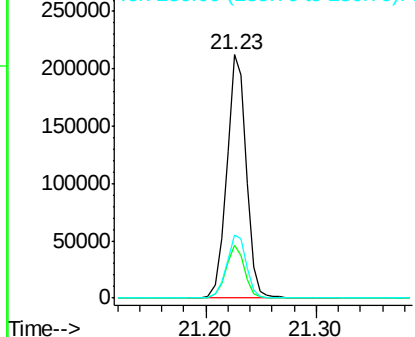


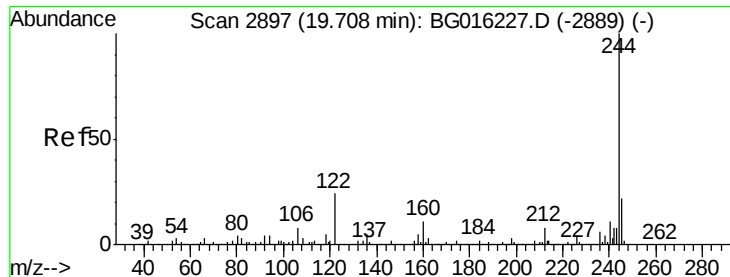
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016463.D
Acq: 16 Apr 2015 19:41

Tgt Ion:240 Resp: 261550
Ion Ratio Lower Upper
240 100
120 21.5 18.6 28.0
236 26.0 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: 74.99 ng

RT: 19.67 min Scan# 2891

Delta R.T. -0.01 min

Lab File: BG016463.D

Acq: 16 Apr 2015 19:41

Instrument :

BNA_G

ClientSampleId :

PB82807BL

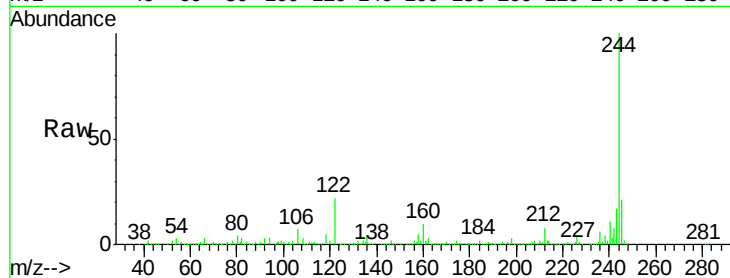
Tgt Ion:244 Resp: 838030

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

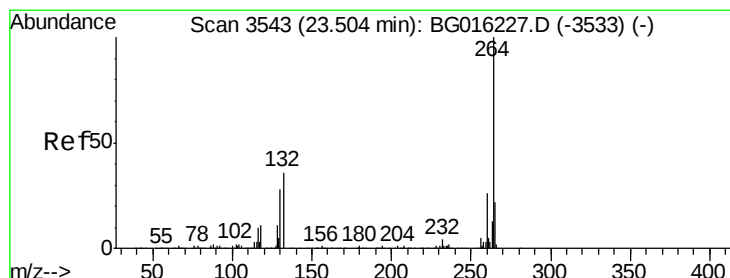
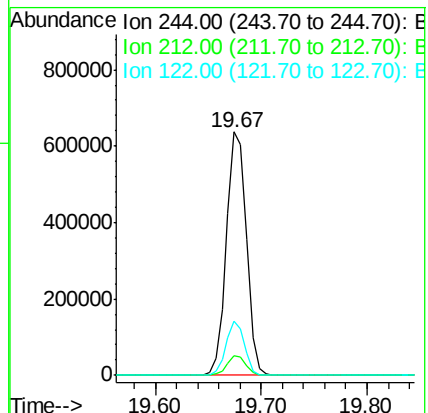
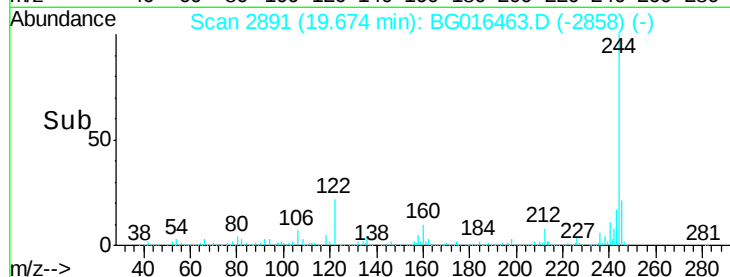
122 22.4 19.1 28.7



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: BG016463.D

Acq: 16 Apr 2015 19:41

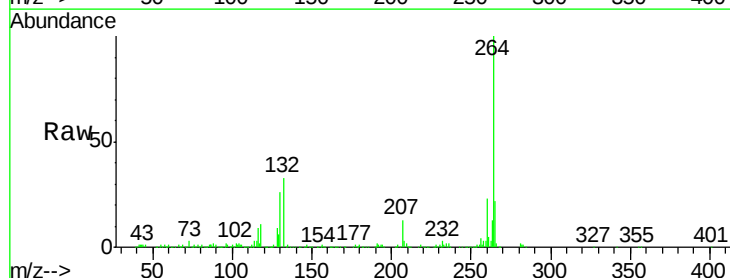
Tgt Ion:264 Resp: 249731

Ion Ratio Lower Upper

264 100

260 23.5 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

