

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016509.D
 Acq On : 18 Apr 2015 6:00
 Operator : TP/IZ
 Sample : PB82771TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82771TB

Quant Time: Apr 18 07:42:44 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	78131	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	336155	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	188229	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	400295	20.00	ng	0.00
75) Chrysene-d12	21.23	240	350457	20.00	ng	0.00
86) Perylene-d12	23.45	264	332665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	519163	104.87	ng	0.00
7) Phenol-d6	6.85	99	687045	92.45	ng	0.00
23) Nitrobenzene-d5	8.82	82	353439	60.91	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	113518	89.18	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	749293	67.78	ng	0.00
78) Terphenyl-d14	19.67	244	901189	60.18	ng	0.00

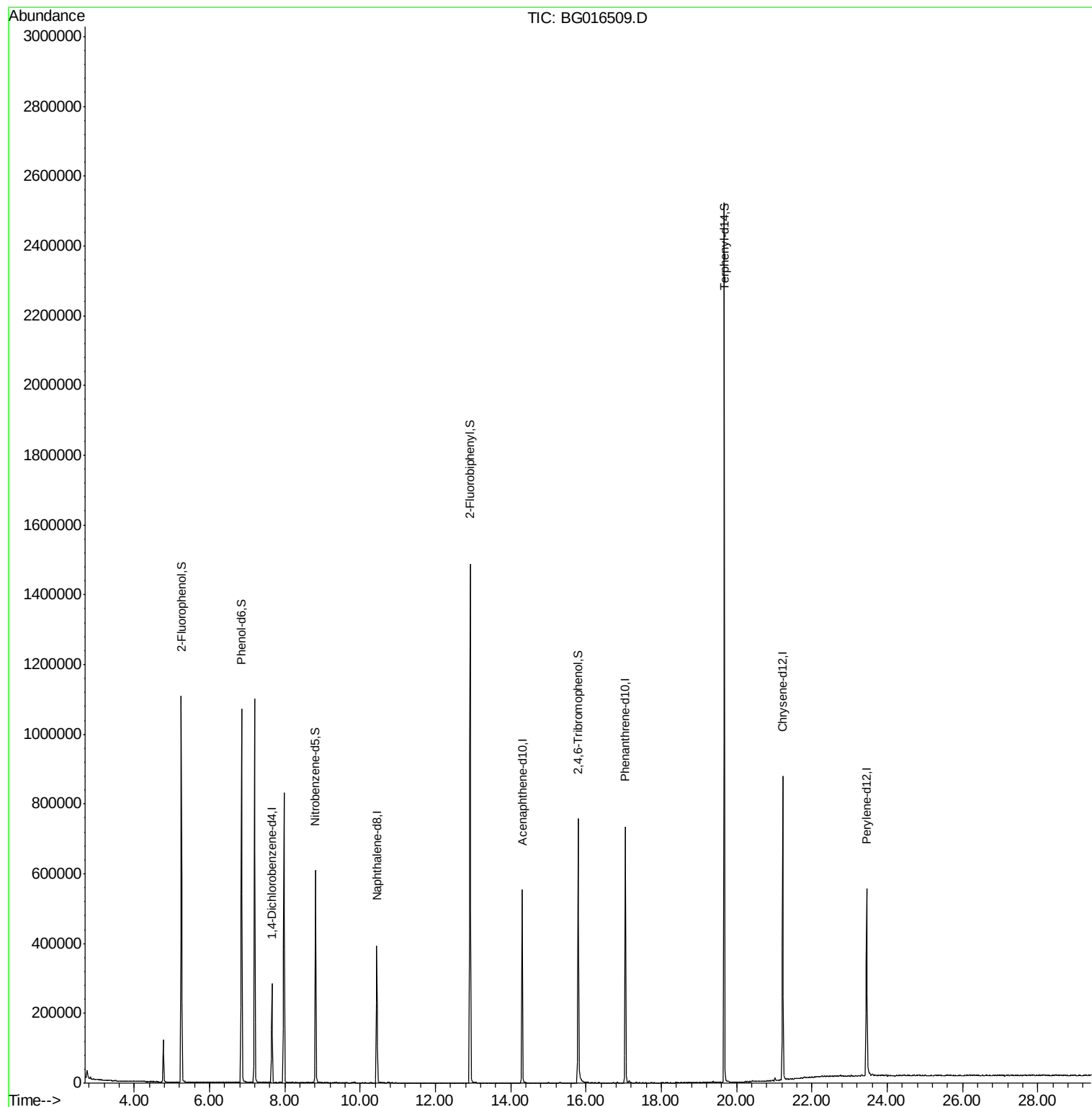
Target Compounds	Qvalue
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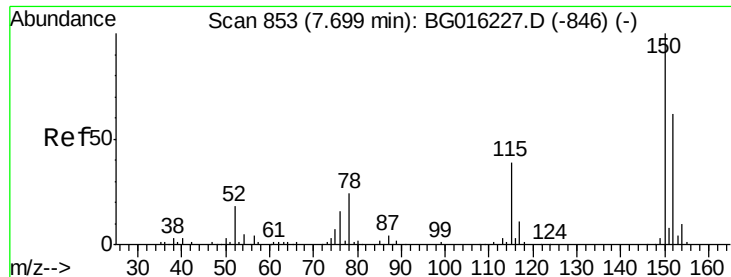
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016509.D

Acq: 18 Apr 2015 6:00

Instrument :

BNA_G

ClientSampleId :

PB82771TB

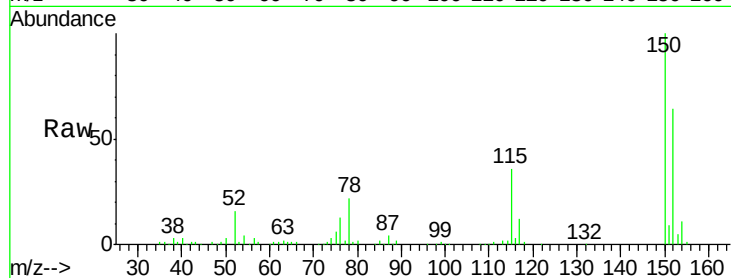
Tgt Ion:152 Resp: 78131

Ion Ratio Lower Upper

152 100

150 156.9 130.1 195.1

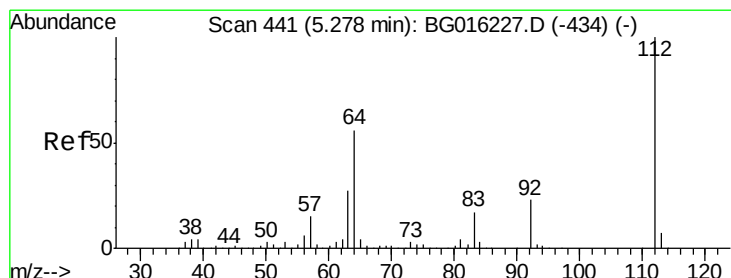
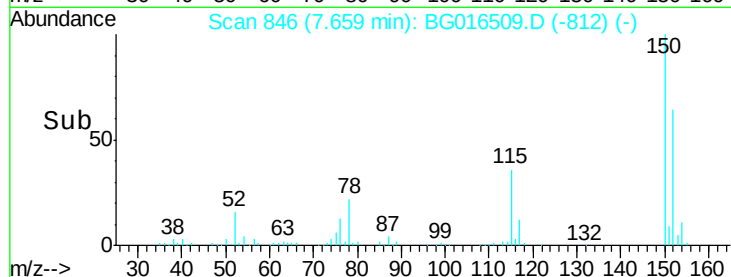
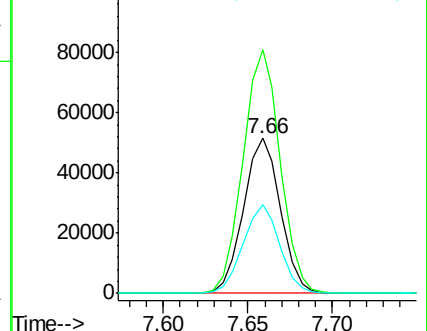
115 56.9 50.5 75.7



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: 104.87 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG016509.D

Acq: 18 Apr 2015 6:00

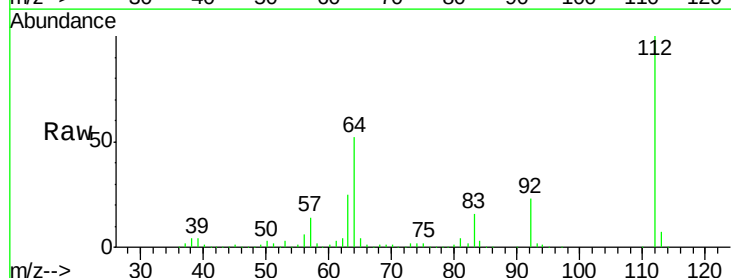
Tgt Ion:112 Resp: 519163

Ion Ratio Lower Upper

112 100

64 51.5 44.5 66.7

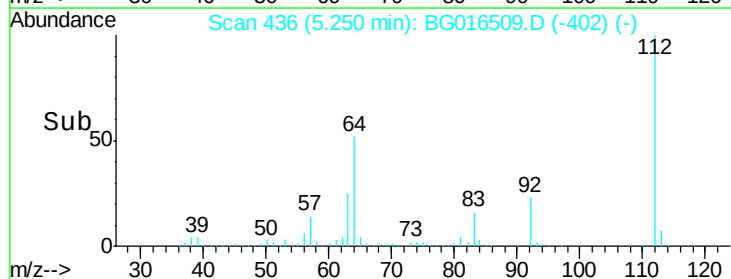
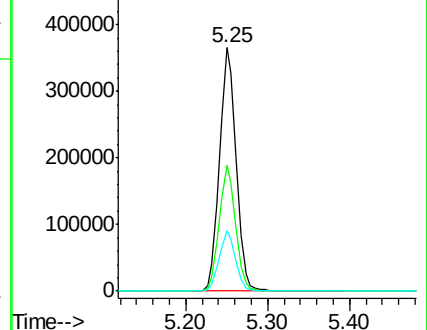
63 24.9 21.4 32.0

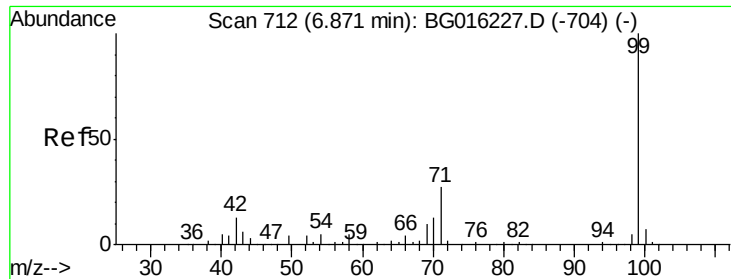


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 92.45 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG016509.D

Acq: 18 Apr 2015 6:00

Instrument :

BNA_G

ClientSampleId :

PB82771TB

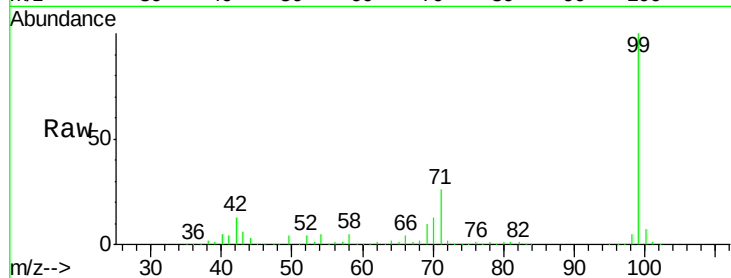
Tgt Ion: 99 Resp: 687045

Ion Ratio Lower Upper

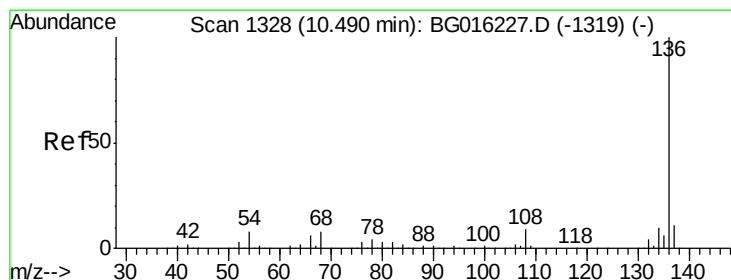
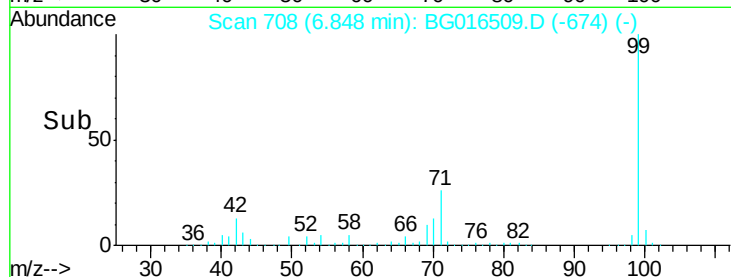
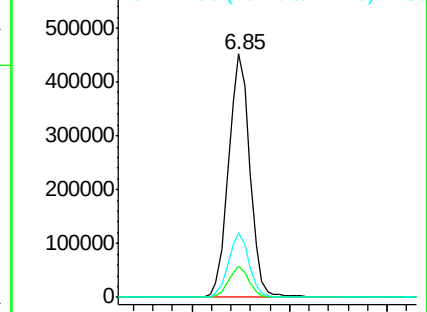
99 100

42 12.6 10.0 15.0

71 26.3 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: BG016509.D

Acq: 18 Apr 2015 6:00

Tgt Ion: 136 Resp: 336155

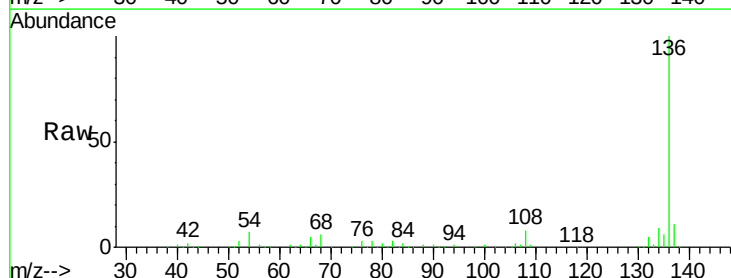
Ion Ratio Lower Upper

136 100

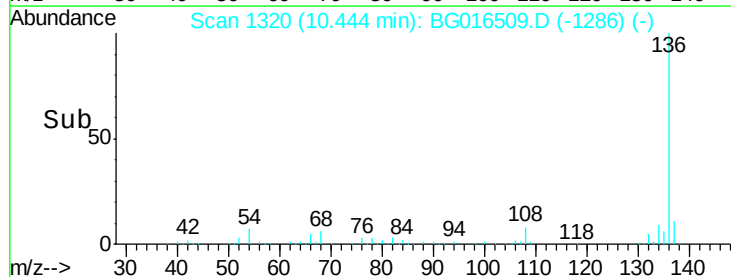
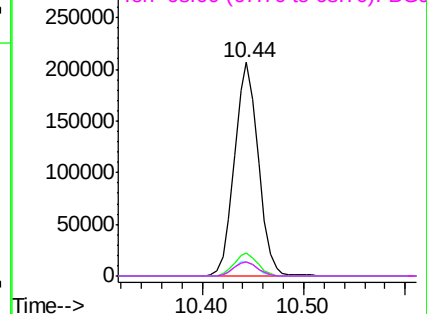
137 10.6 8.7 13.1

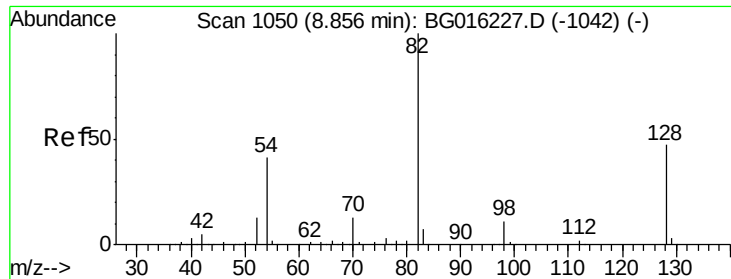
54 6.5 6.3 9.5

68 6.4 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

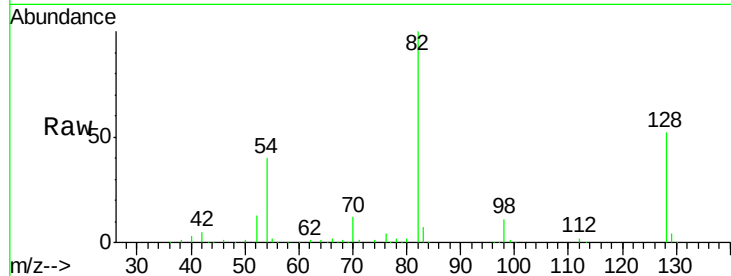




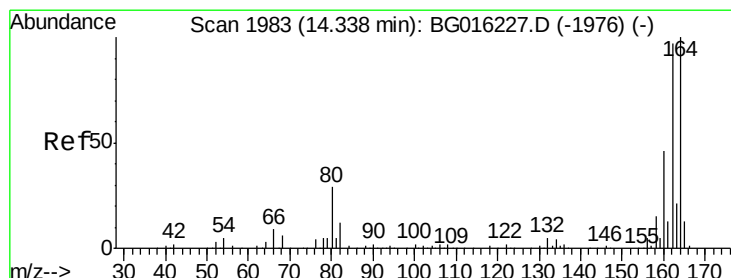
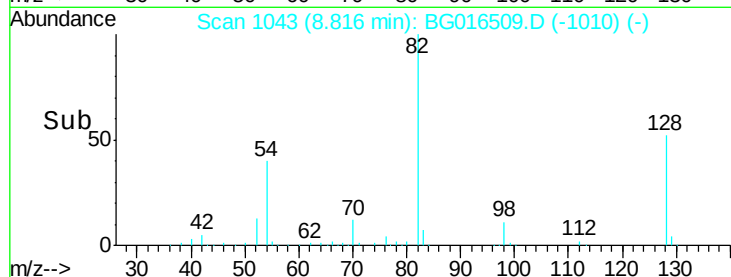
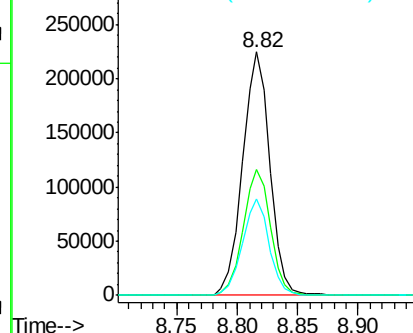
#23
 Nitrobenzene-d5
 Concen: 60.91 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BG016509.D
 Acq: 18 Apr 2015 6:00

Instrument :
 BNA_G
 ClientSampleId :
 PB82771TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.9	37.8	56.8
54	39.8	32.6	49.0

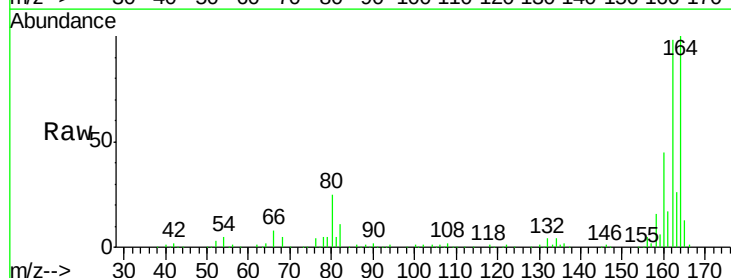


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

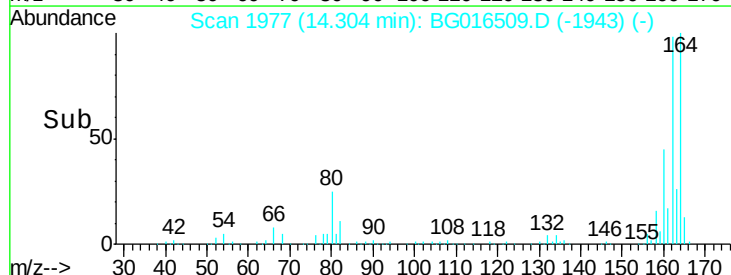
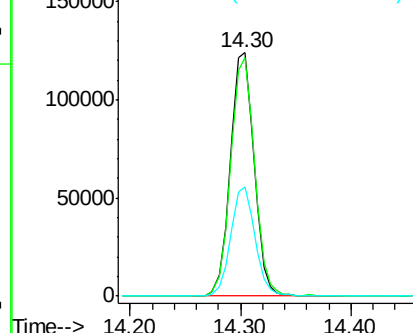


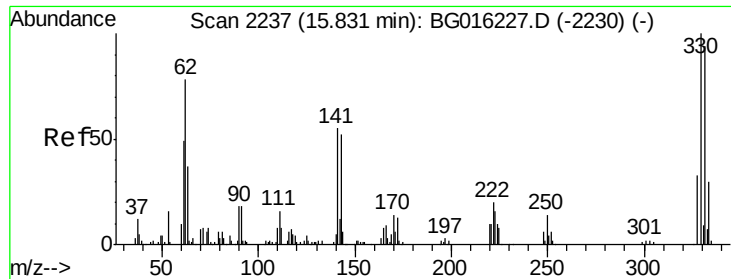
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: BG016509.D
 Acq: 18 Apr 2015 6:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	77.3	115.9
160	44.9	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

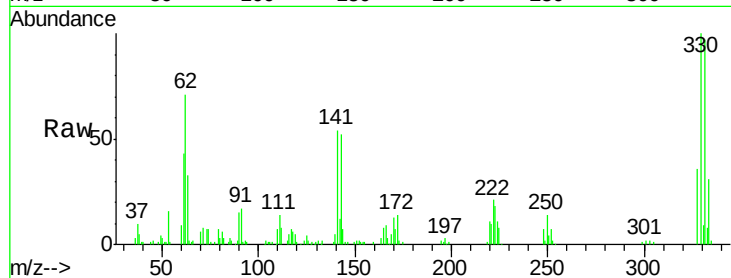




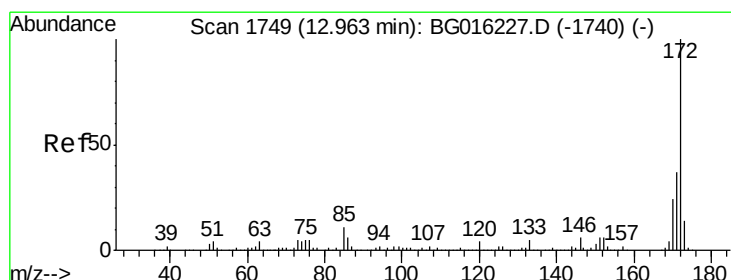
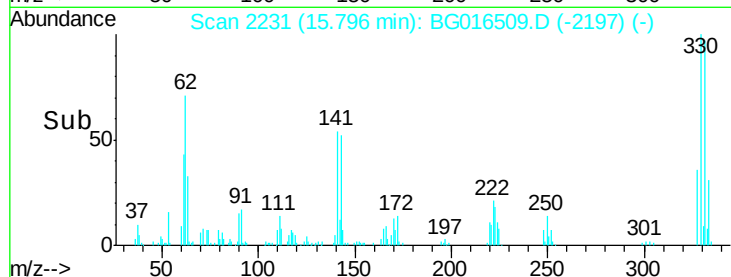
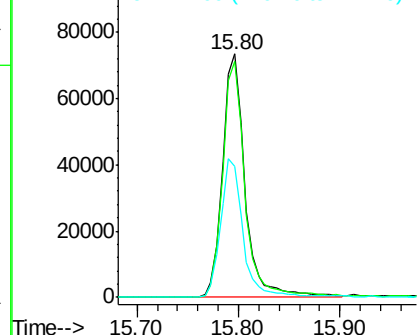
#41
 2,4,6-Tribromophenol
 Concen: 89.18 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG016509.D
 Acq: 18 Apr 2015 6:00

Instrument :
 BNA_G
 ClientSampleID :
 PB82771TB

Tgt Ion: 330 Resp: 113518
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.8 113.6
 141 56.9 46.6 69.8

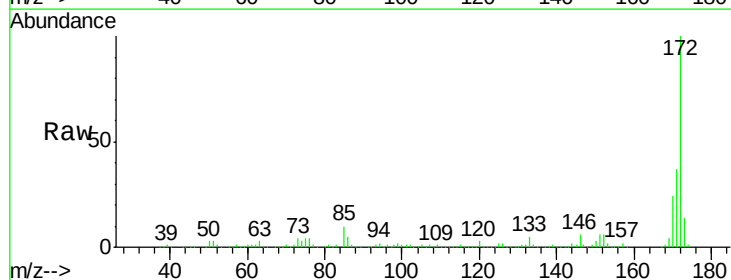


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

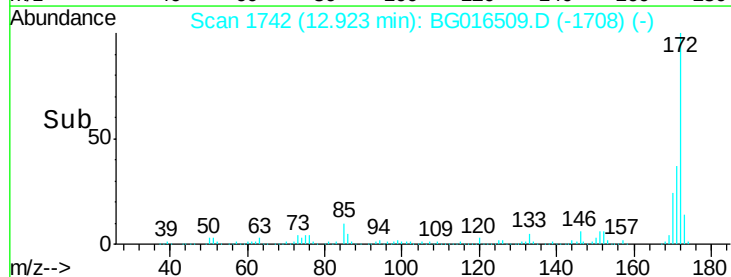
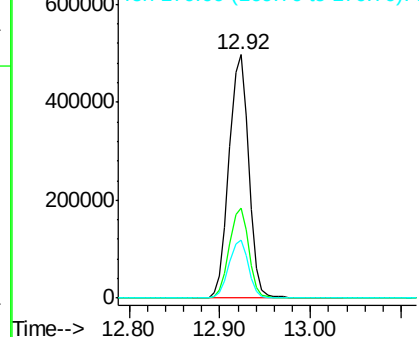


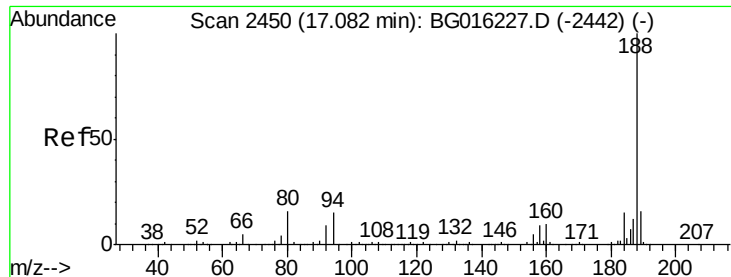
#44
 2-Fluorobiphenyl
 Concen: 67.78 ng
 RT: 12.92 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BG016509.D
 Acq: 18 Apr 2015 6:00

Tgt Ion: 172 Resp: 749293
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 24.0 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

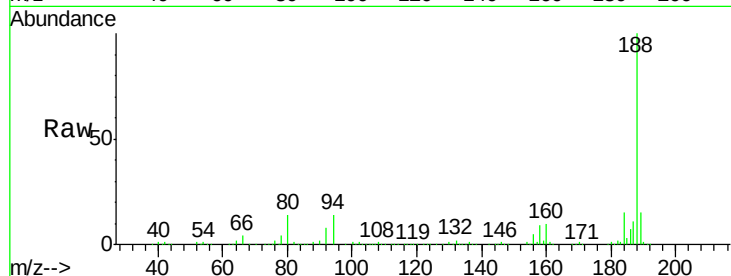




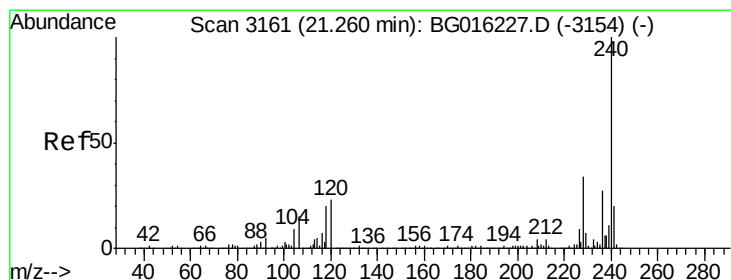
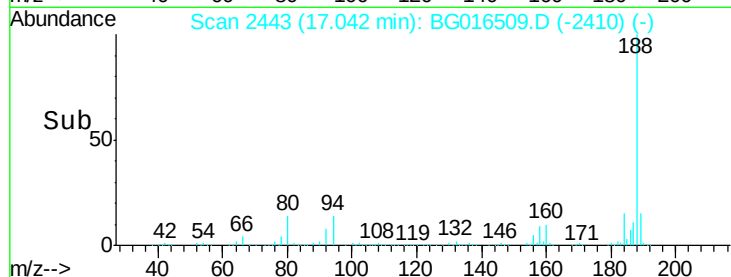
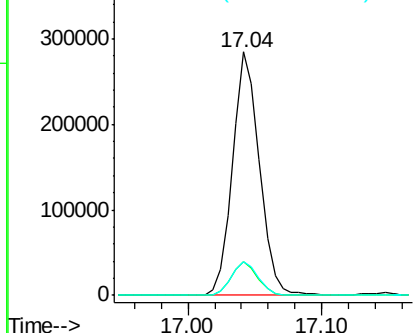
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG016509.D
Acq: 18 Apr 2015 6:00

Instrument :
BNA_G
ClientSampleId :
PB82771TB

Tgt Ion:188 Resp: 400295
Ion Ratio Lower Upper
188 100
94 14.1 12.2 18.4
80 13.7 12.8 19.2

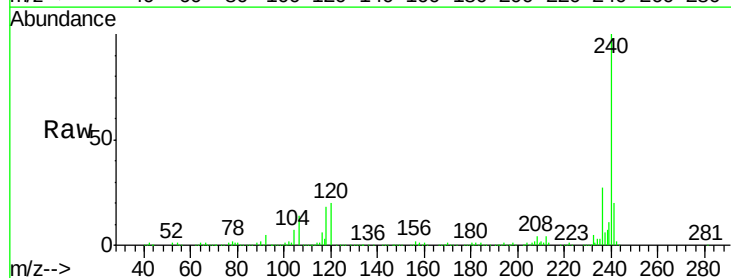


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

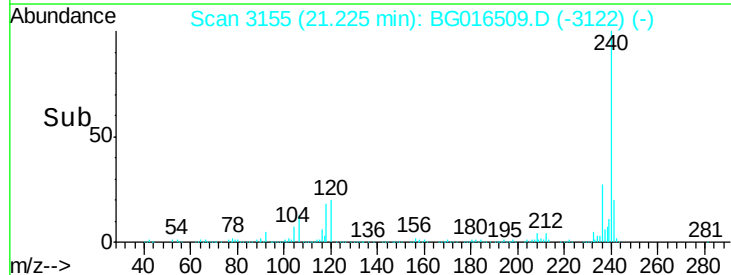
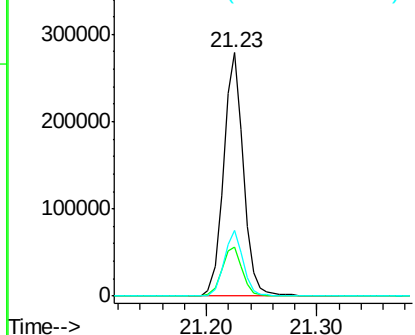


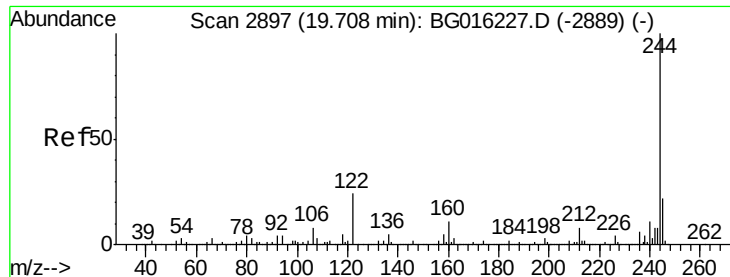
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016509.D
Acq: 18 Apr 2015 6:00

Tgt Ion:240 Resp: 350457
Ion Ratio Lower Upper
240 100
120 20.1 18.6 28.0
236 26.9 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: 60.18 ng

RT: 19.67 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016509.D

Acq: 18 Apr 2015 6:00

Instrument :

BNA_G

ClientSampleId :

PB82771TB

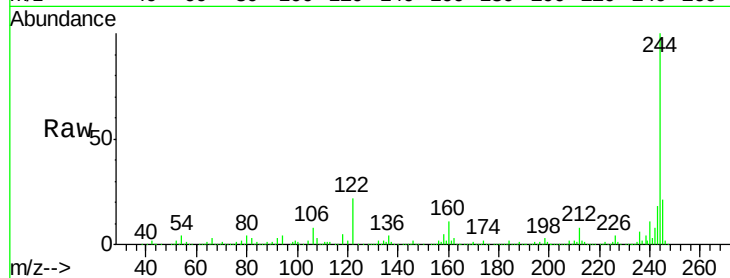
Tgt Ion:244 Resp: 901189

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

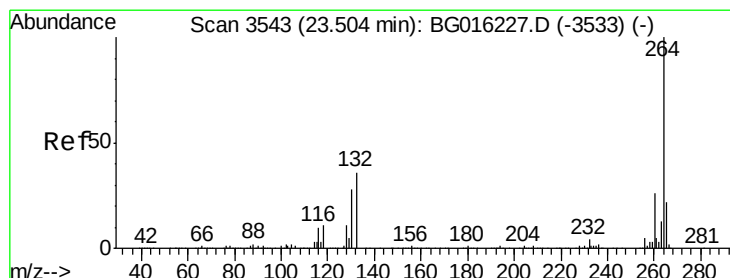
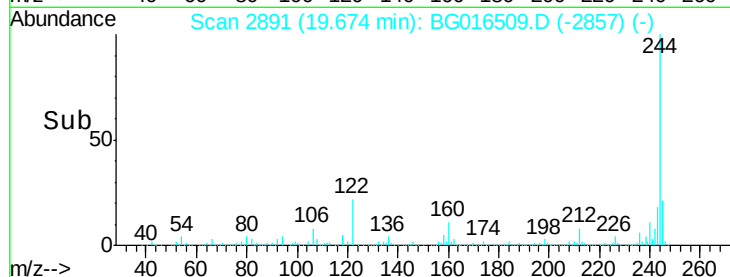
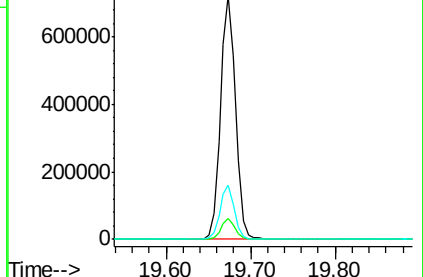
122 22.2 19.1 28.7



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. 0.00 min

Lab File: BG016509.D

Acq: 18 Apr 2015 6:00

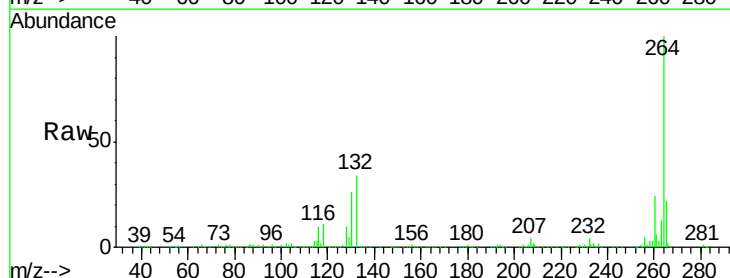
Tgt Ion:264 Resp: 332665

Ion Ratio Lower Upper

264 100

260 24.2 20.4 30.6

265 21.6 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

