

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016144.D
 Acq On : 26 Mar 2015 17:30
 Operator : TP/IZ
 Sample : PB82292BL
 Misc : LOD/LOQ-WATER-BLK
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82347BL

Quant Time: Mar 27 02:42:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	47431	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	198593	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	124199	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	293687	20.00	ng	0.00
75) Chrysene-d12	21.33	240	312916	20.00	ng	0.00
86) Perylene-d12	23.61	264	297949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	334974	118.20	ng	0.00
7) Phenol-d6	6.96	99	454919	115.32	ng	0.00
23) Nitrobenzene-d5	8.95	82	226727	70.79	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	174469	122.33	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	581292	78.34	ng	0.00
78) Terphenyl-d14	19.78	244	990566	79.72	ng	0.00

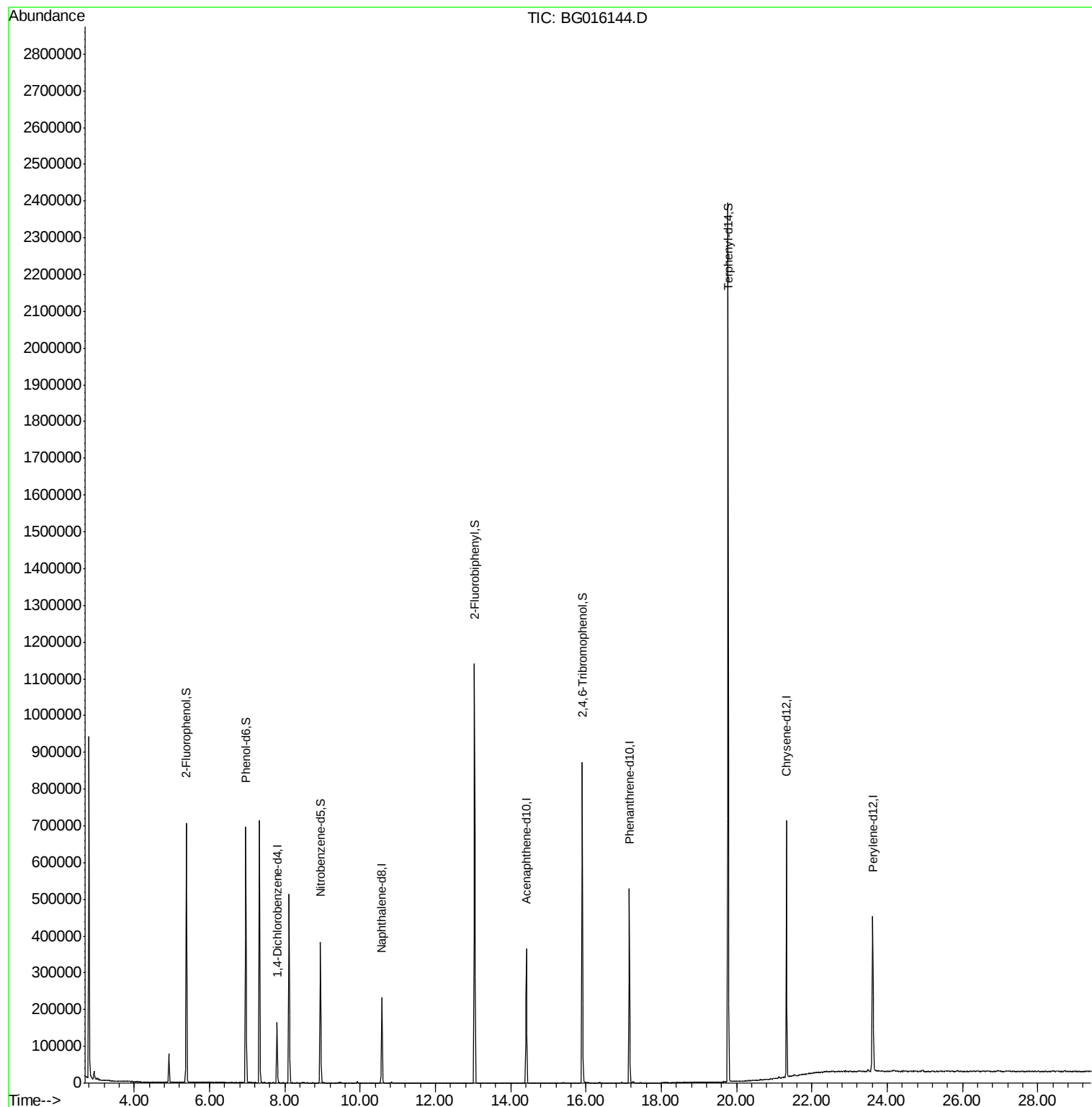
Target Compounds	Qvalue
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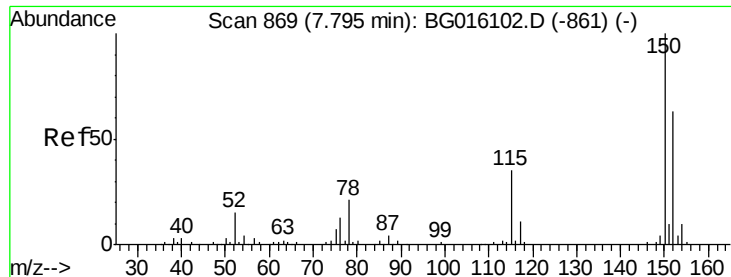
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. 0.00 min

Lab File: BG016144.D

Acq: 26 Mar 2015 17:30

Instrument :

BNA_G

ClientSampleId :

PB82347BL

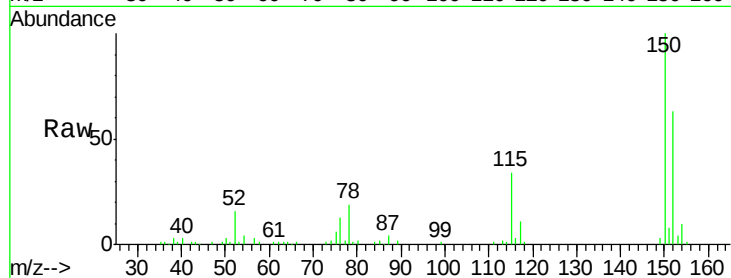
Tgt Ion:152 Resp: 47431

Ion Ratio Lower Upper

152 100

150 158.2 126.1 189.1

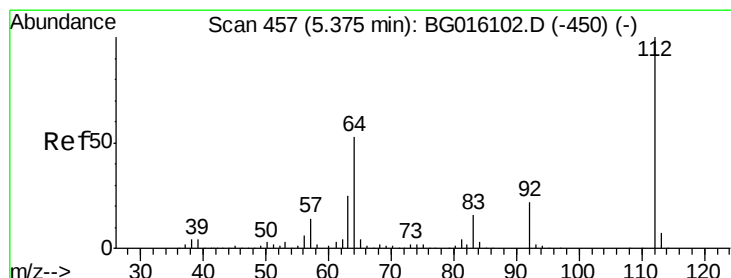
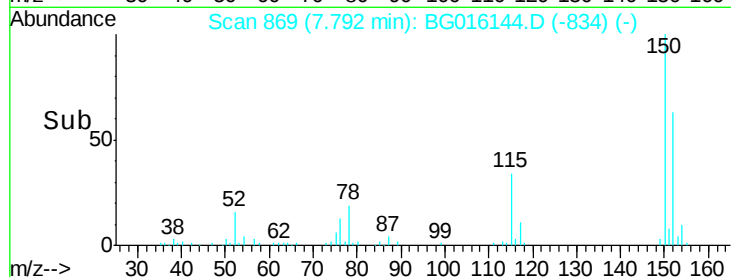
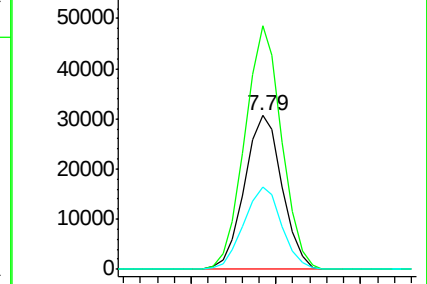
115 53.5 43.7 65.5



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: 118.20 ng

RT: 5.38 min Scan# 459

Delta R.T. 0.01 min

Lab File: BG016144.D

Acq: 26 Mar 2015 17:30

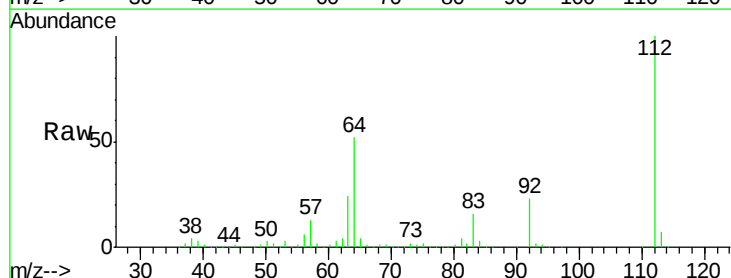
Tgt Ion:112 Resp: 334974

Ion Ratio Lower Upper

112 100

64 51.6 42.6 64.0

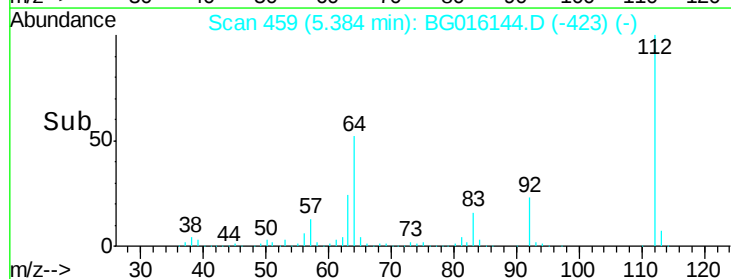
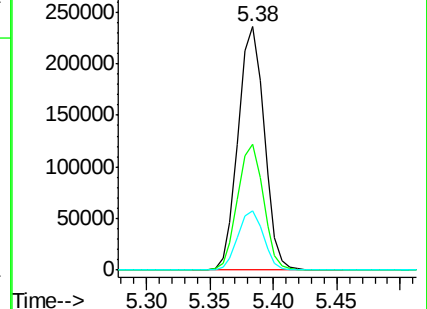
63 24.2 19.9 29.9

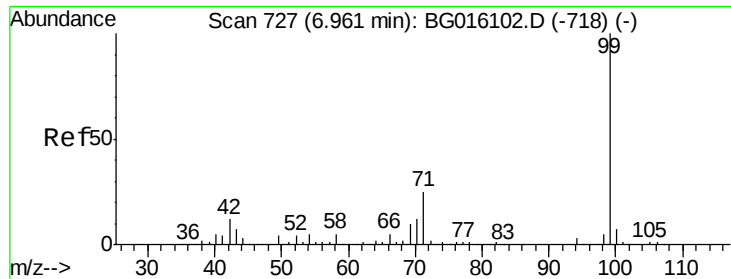


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.32 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016144.D

Acq: 26 Mar 2015 17:30

Instrument :

BNA_G

ClientSampleId :

PB82347BL

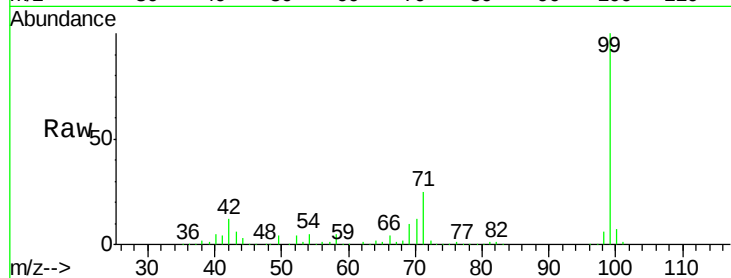
Tgt Ion: 99 Resp: 454919

Ion Ratio Lower Upper

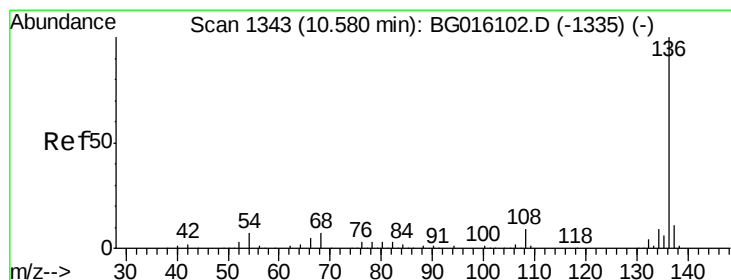
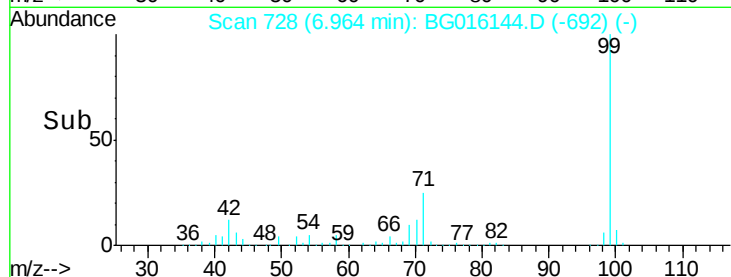
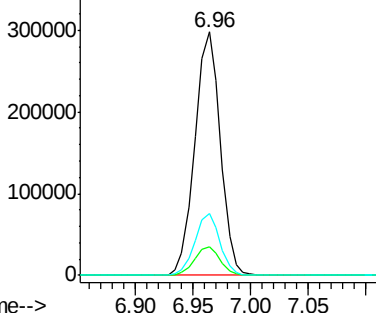
99 100

42 11.7 9.4 14.0

71 25.3 19.9 29.9



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: 10.58 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG016144.D

Acq: 26 Mar 2015 17:30

Tgt Ion: 136 Resp: 198593

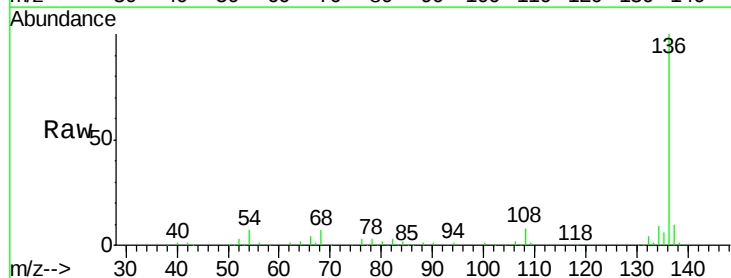
Ion Ratio Lower Upper

136 100

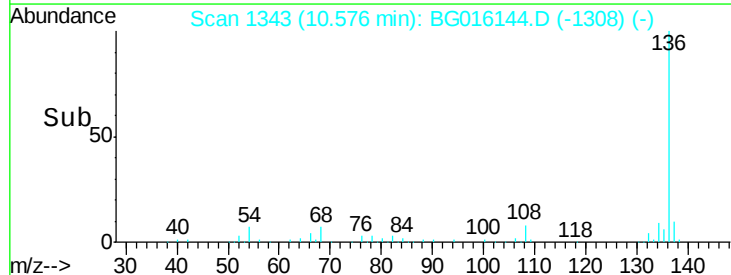
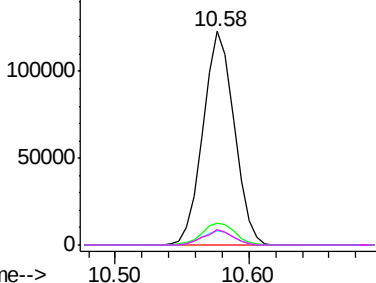
137 10.4 9.0 13.4

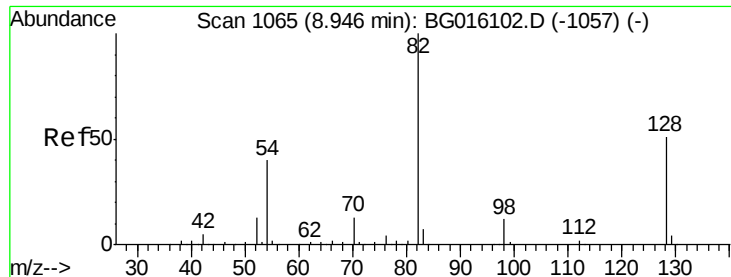
54 6.5 5.5 8.3

68 6.9 6.0 9.0



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

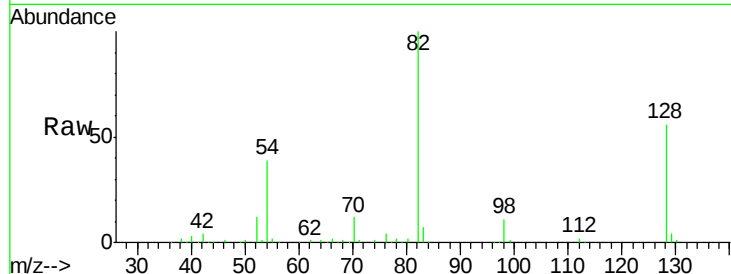




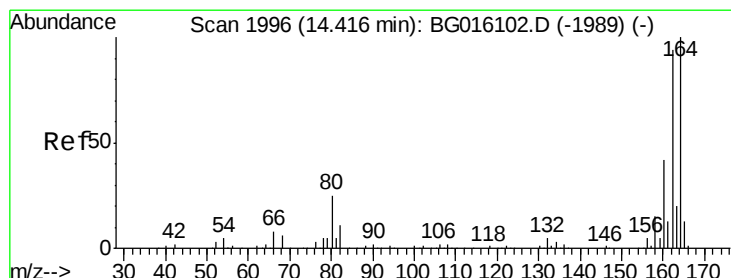
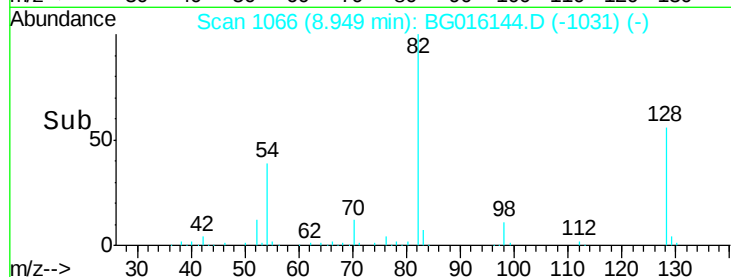
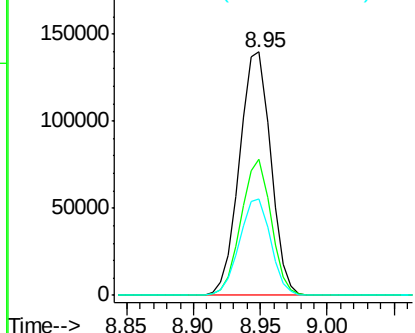
#23
 Nitrobenzene-d5
 Concen: 70.79 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BG016144.D
 Acq: 26 Mar 2015 17:30

Instrument :
 BNA_G
 ClientSampleId :
 PB82347BL

Tgt Ion: 82 Resp: 226727
 Ion Ratio Lower Upper
 82 100
 128 55.6 40.4 60.6
 54 39.5 32.1 48.1

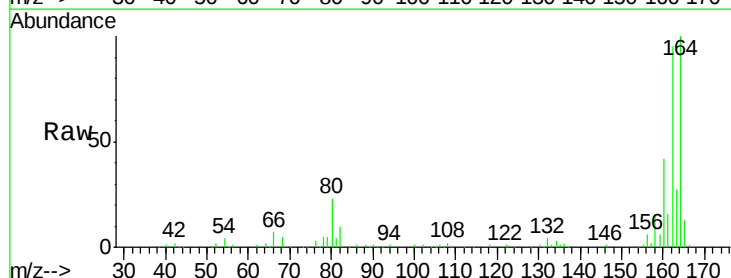


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

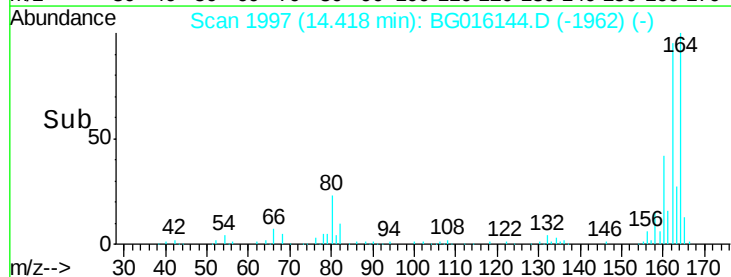
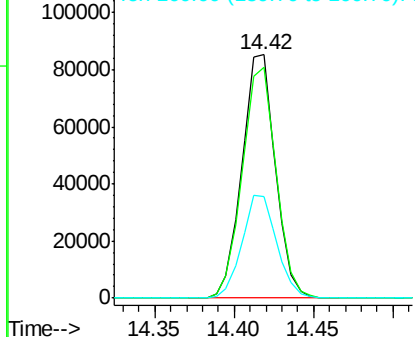


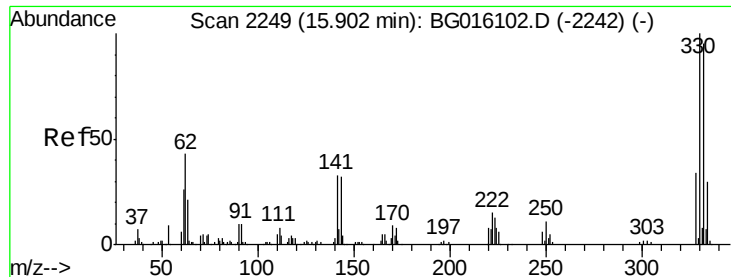
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BG016144.D
 Acq: 26 Mar 2015 17:30

Tgt Ion: 164 Resp: 124199
 Ion Ratio Lower Upper
 164 100
 162 94.7 75.2 112.8
 160 41.7 33.9 50.9



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

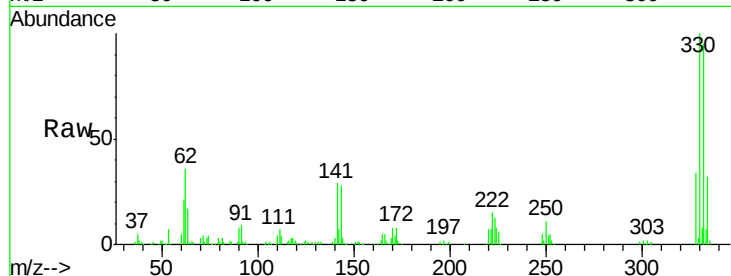




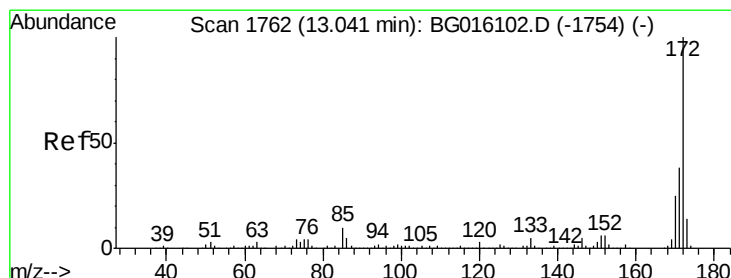
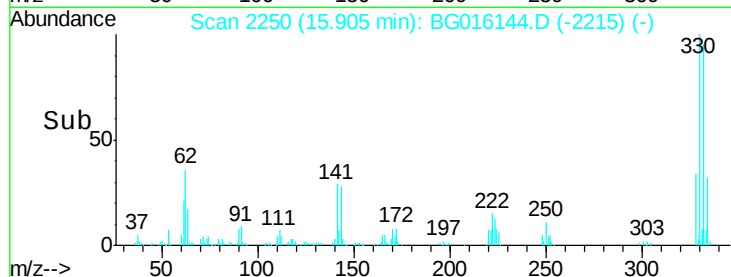
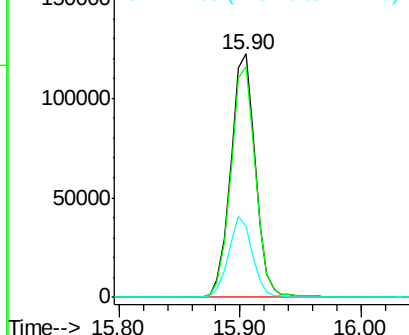
#41
 2,4,6-Tribromophenol
 Concen: 122.33 ng
 RT: 15.90 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BG016144.D
 Acq: 26 Mar 2015 17:30

Instrument :
 BNA_G
 ClientSampleId :
 PB82347BL

Tgt Ion:330 Resp: 174469
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 32.2 26.2 39.4

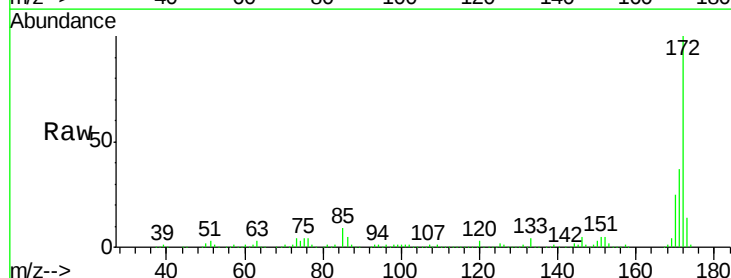


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

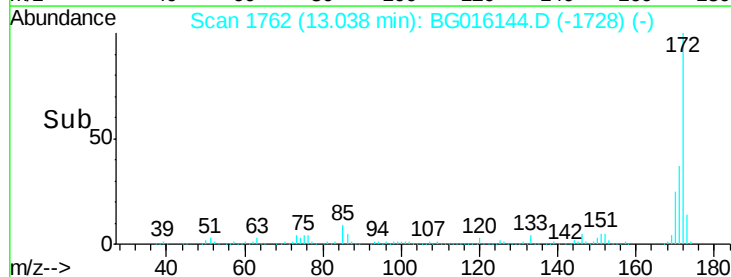
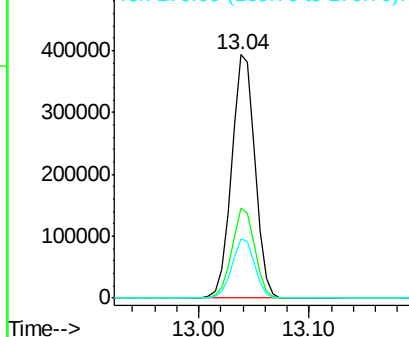


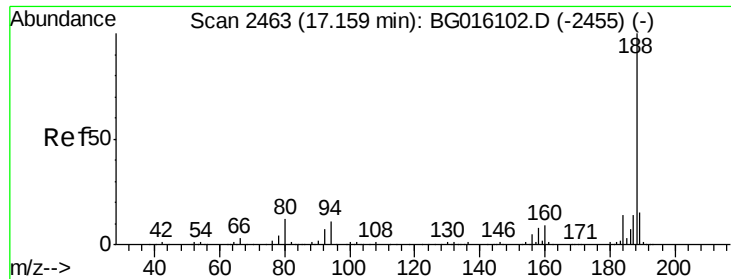
#44
 2-Fluorobiphenyl
 Concen: 78.34 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016144.D
 Acq: 26 Mar 2015 17:30

Tgt Ion:172 Resp: 581292
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.3 45.5
 170 24.6 19.8 29.8



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

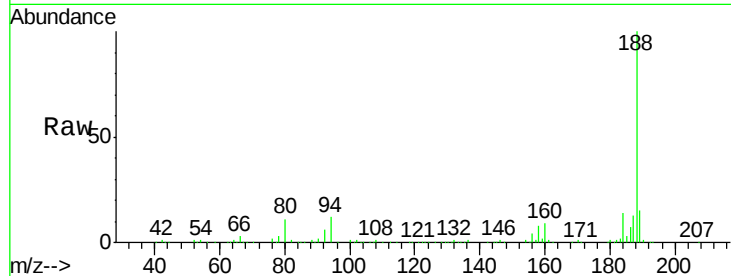




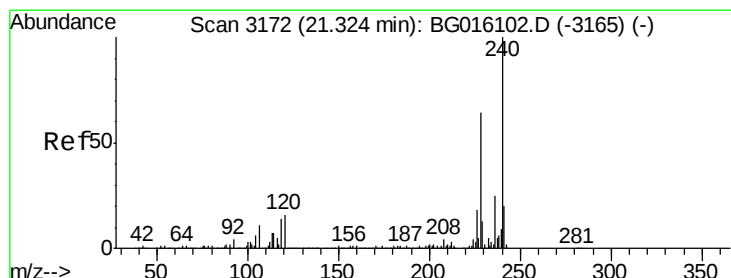
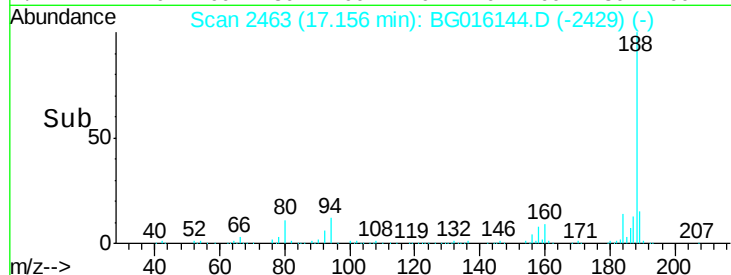
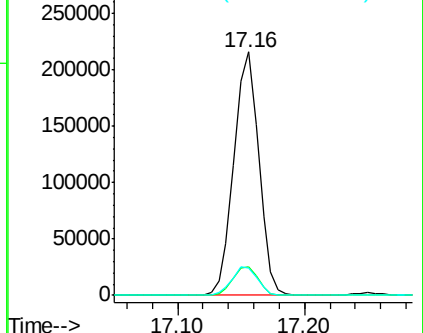
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG016144.D
Acq: 26 Mar 2015 17:30

Instrument :
BNA_G
ClientSampleId :
PB82347BL

Tgt Ion:188 Resp: 293687
Ion Ratio Lower Upper
188 100
94 11.5 9.1 13.7
80 11.5 9.8 14.8

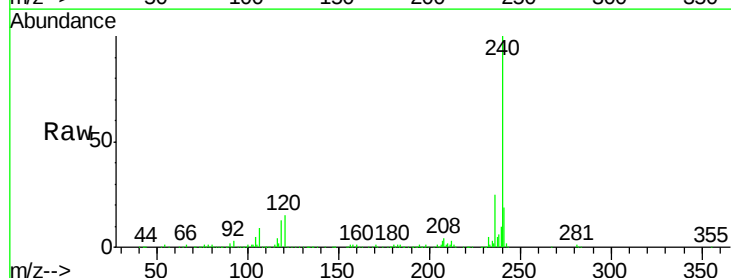


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

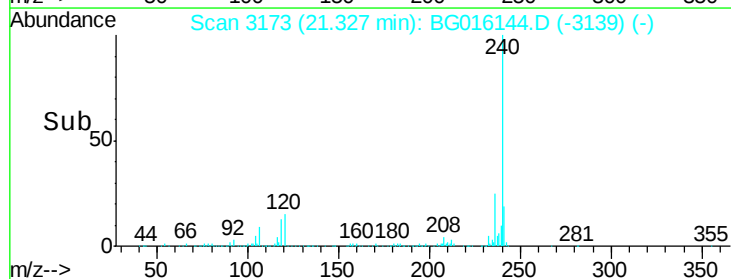
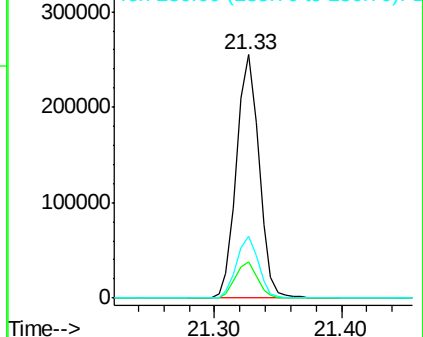


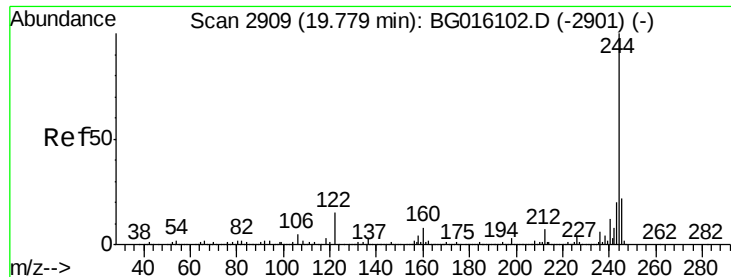
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG016144.D
Acq: 26 Mar 2015 17:30

Tgt Ion:240 Resp: 312916
Ion Ratio Lower Upper
240 100
120 15.1 13.0 19.4
236 25.1 20.2 30.2



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: 79.72 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016144.D

Acq: 26 Mar 2015 17:30

Instrument :

BNA_G

ClientSampleId :

PB82347BL

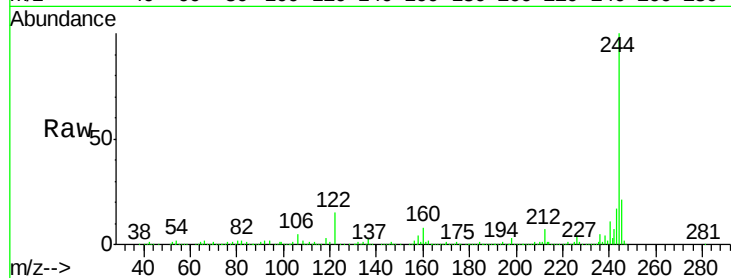
Tgt Ion:244 Resp: 990566

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

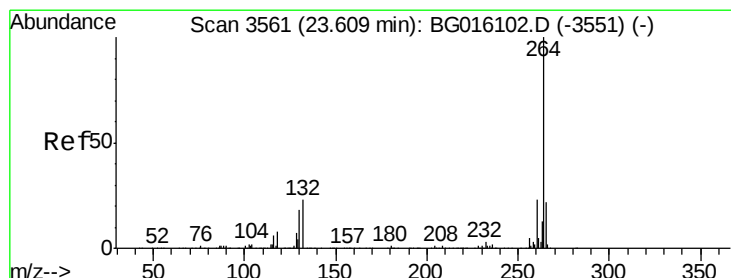
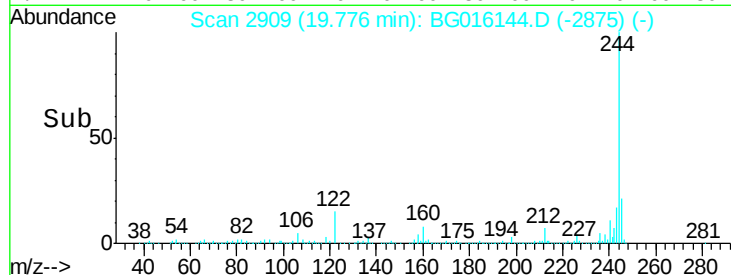
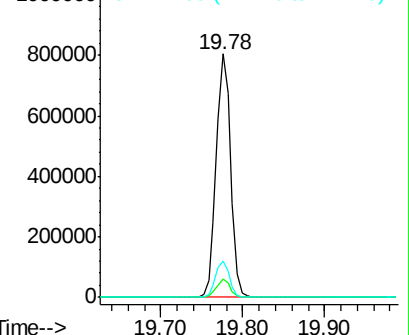
122 14.9 12.2 18.2



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: 23.61 min Scan# 3562

Delta R.T. -0.01 min

Lab File: BG016144.D

Acq: 26 Mar 2015 17:30

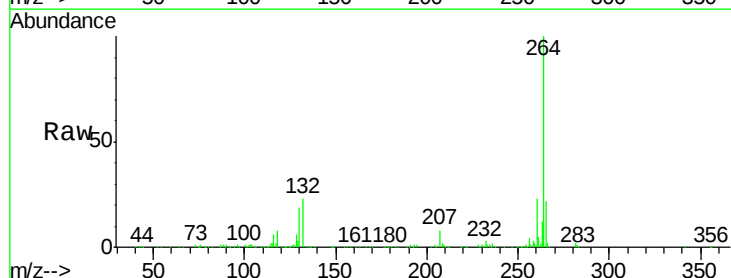
Tgt Ion:264 Resp: 297949

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 22.5 17.3 25.9



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

