

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016373.D
 Acq On : 13 Apr 2015 22:30
 Operator : TP/IZ
 Sample : PB82688BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82688BL

Quant Time: Apr 14 03:44:04 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 02:12:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	73479	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	312969	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	169207	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	368761	20.00	ng	0.00
75) Chrysene-d12	21.23	240	367197	20.00	ng	0.00
86) Perylene-d12	23.47	264	347624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	624440	134.12	ng	0.01
7) Phenol-d6	6.86	99	842631	120.56	ng	0.00
23) Nitrobenzene-d5	8.83	82	431445	79.86	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	152718	133.46	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	864334	86.97	ng	0.00
78) Terphenyl-d14	19.69	244	1139889	72.65	ng	0.00

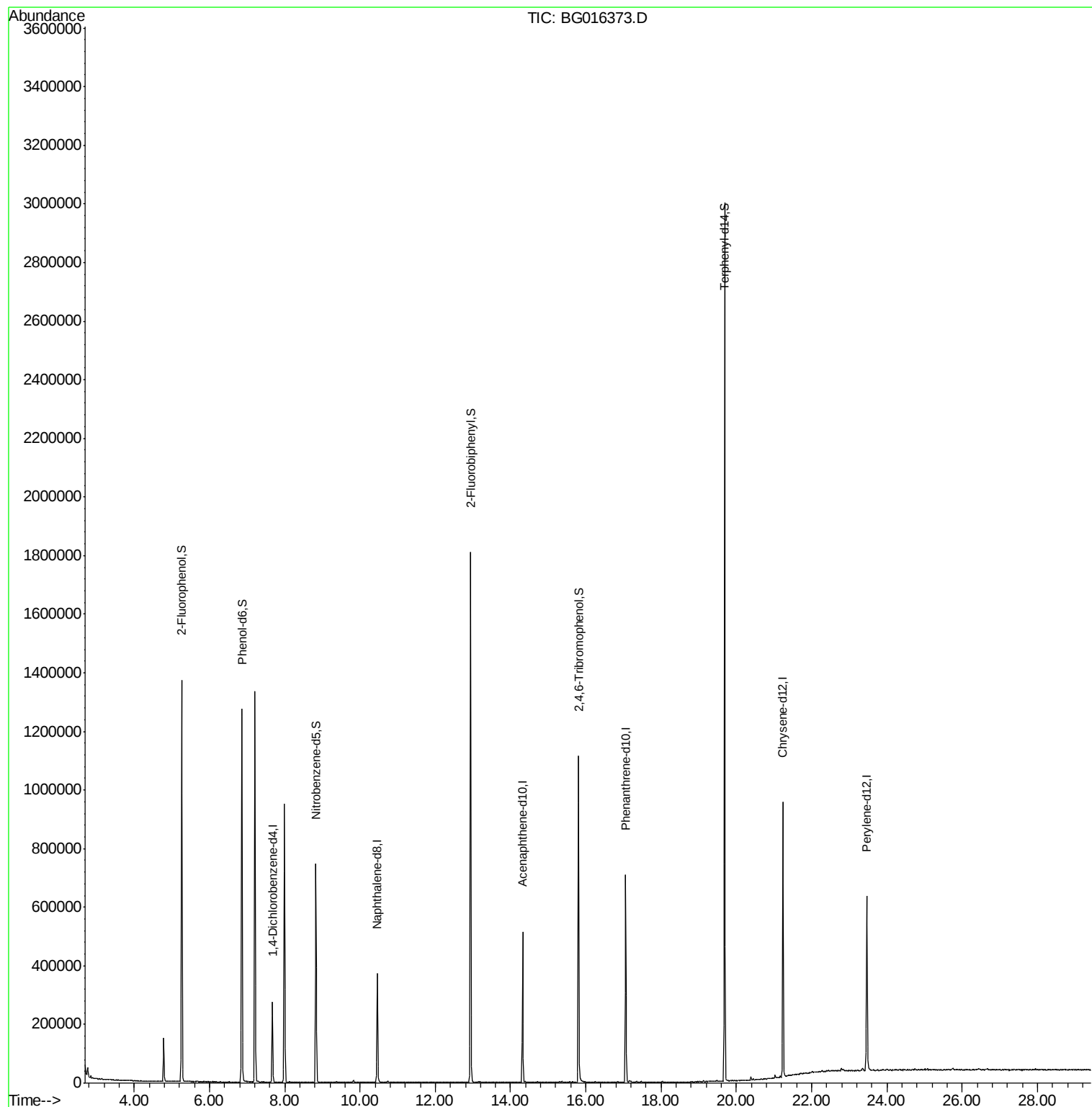
Target Compounds	Qvalue
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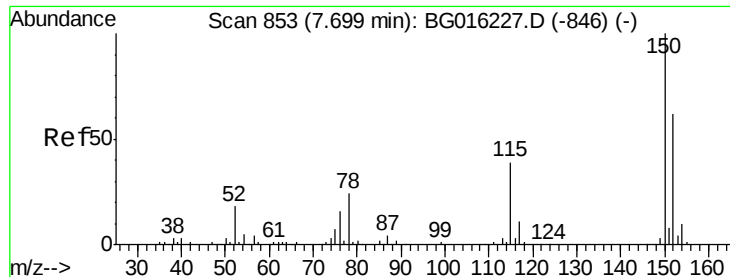
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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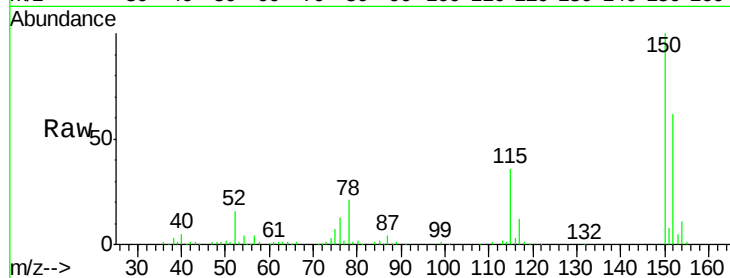


#1

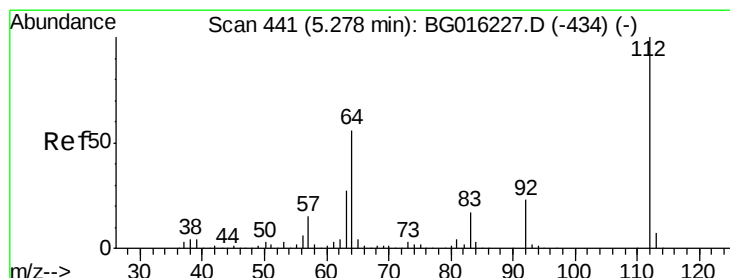
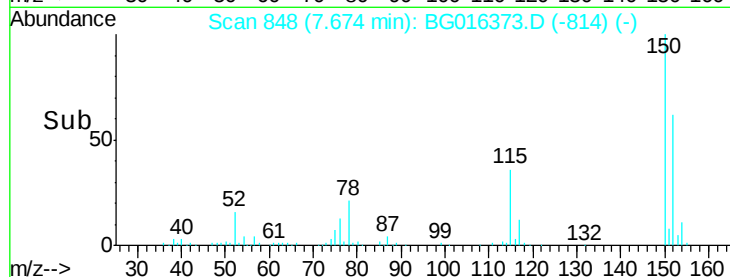
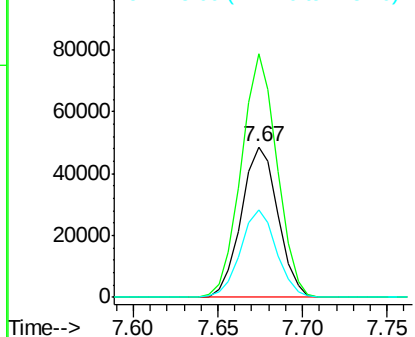
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.67 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG016373.D
Acq: 13 Apr 2015 22:30

Instrument :
BNA_G
ClientSampled :
PB82688BL

Tgt Ion:152 Resp: 73479
Ion Ratio Lower Upper
152 100
150 161.6 130.1 195.1
115 58.1 50.5 75.7



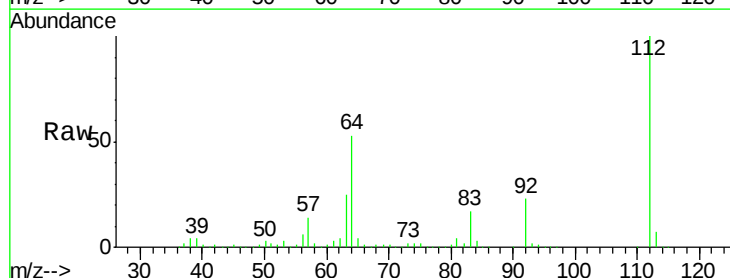
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



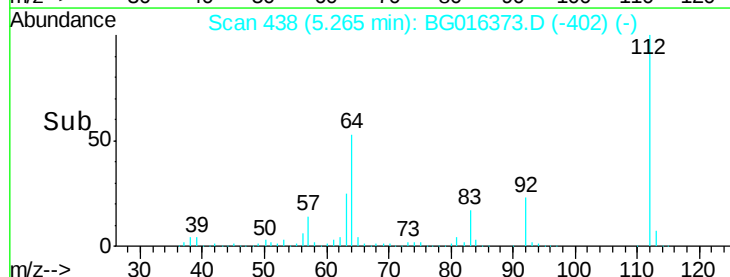
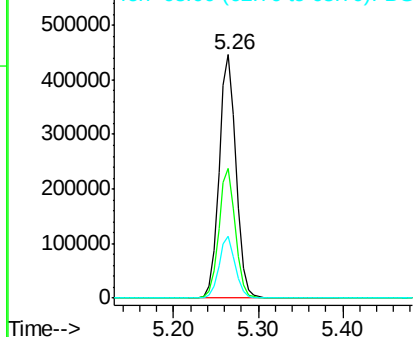
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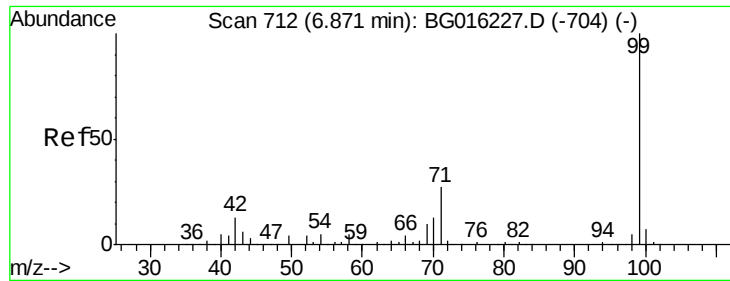
2-Fluorophenol
Concen: 134.12 ng
RT: 5.26 min Scan# 438
Delta R.T. 0.01 min
Lab File: BG016373.D
Acq: 13 Apr 2015 22:30

Tgt Ion:112 Resp: 624440
Ion Ratio Lower Upper
112 100
64 53.1 44.5 66.7
63 25.3 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: 120.56 ng

RT: 6.86 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG016373.D

Acq: 13 Apr 2015 22:30

Instrument :

BNA_G

ClientSampleId :

PB82688BL

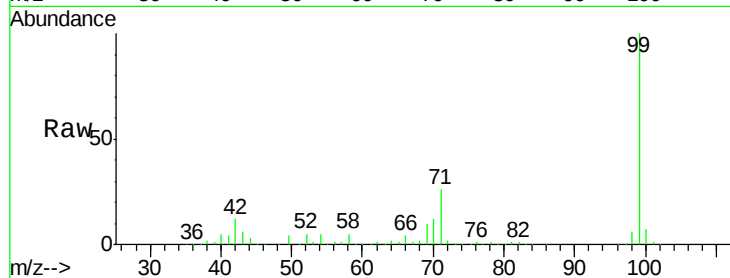
Tgt Ion: 99 Resp: 842631

Ion Ratio Lower Upper

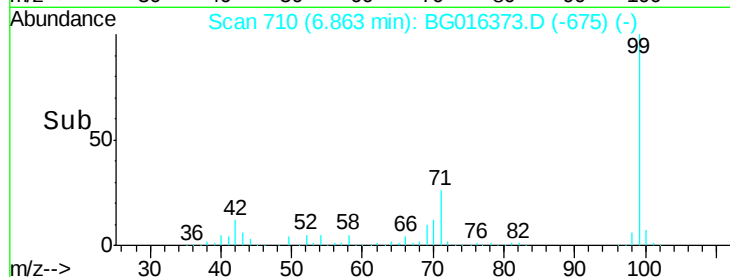
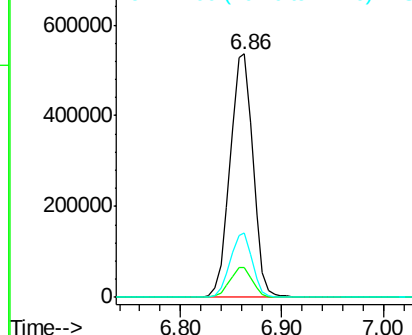
99 100

42 12.1 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: 10.46 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG016373.D

Acq: 13 Apr 2015 22:30

Tgt Ion: 136 Resp: 312969

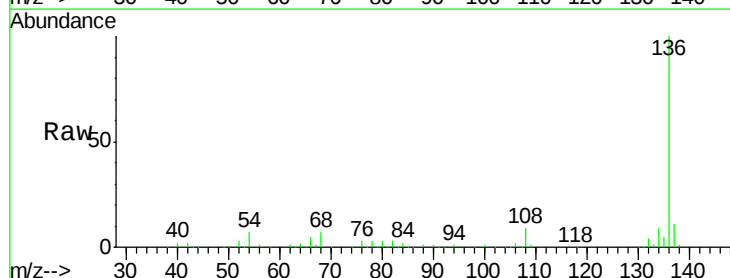
Ion Ratio Lower Upper

136 100

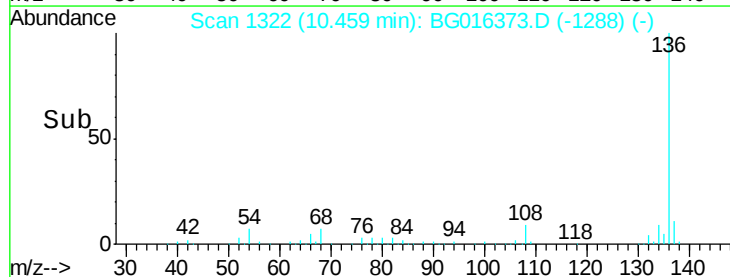
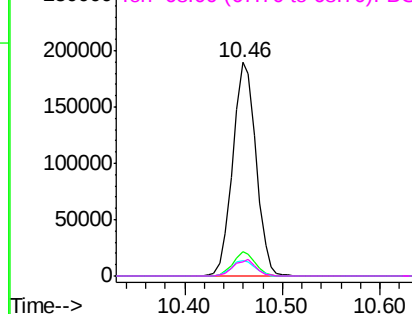
137 11.2 8.7 13.1

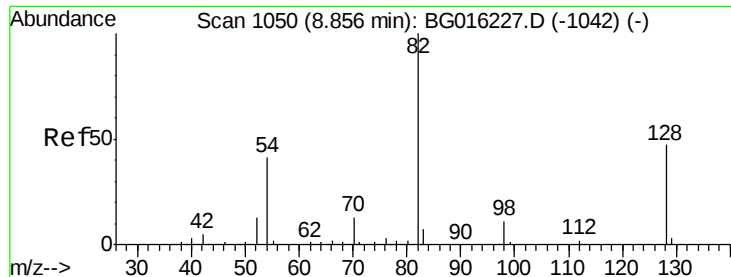
54 7.0 6.3 9.5

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

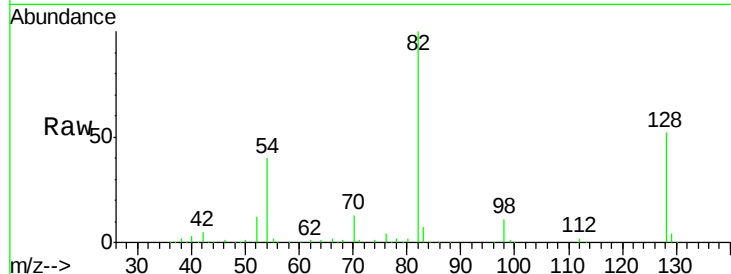




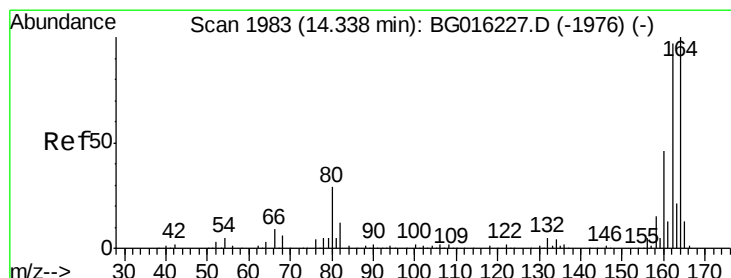
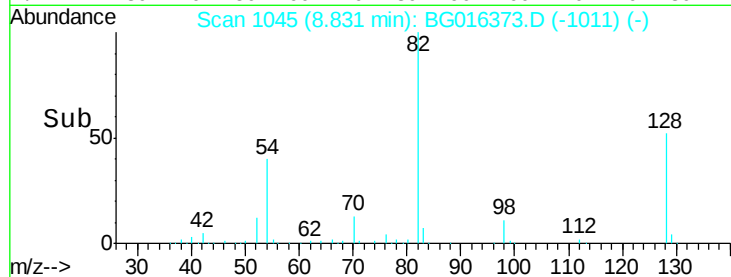
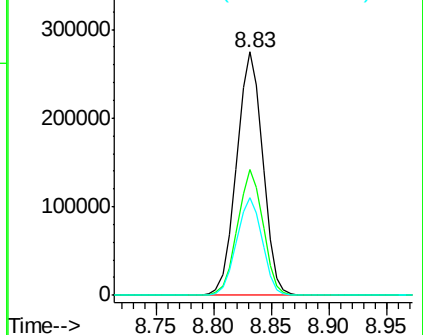
#23
 Nitrobenzene-d5
 Concen: 79.86 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG016373.D
 Acq: 13 Apr 2015 22:30

Instrument :
 BNA_G
 ClientSampled :
 PB82688BL

Tgt Ion: 82 Resp: 431445
 Ion Ratio Lower Upper
 82 100
 128 51.8 37.8 56.8
 54 40.1 32.6 49.0

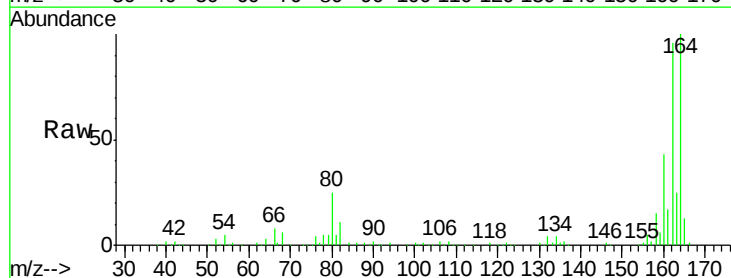


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

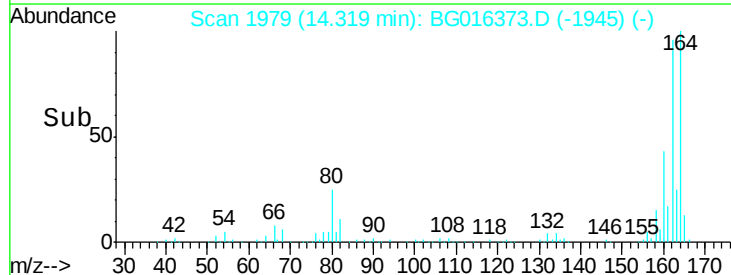
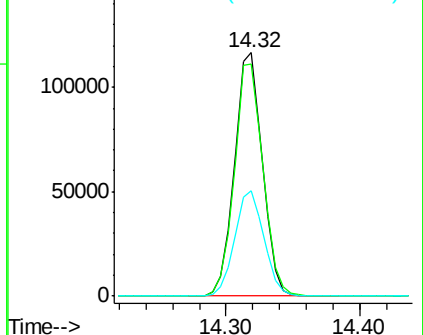


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG016373.D
 Acq: 13 Apr 2015 22:30

Tgt Ion: 164 Resp: 169207
 Ion Ratio Lower Upper
 164 100
 162 95.6 77.3 115.9
 160 43.3 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

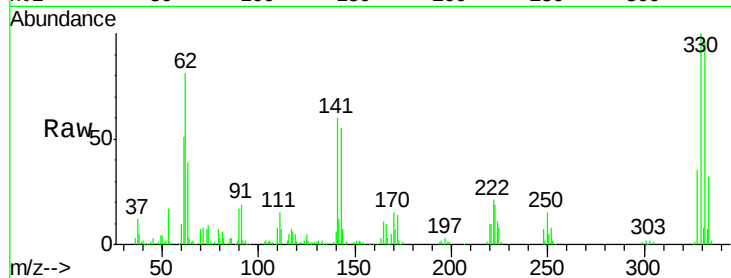




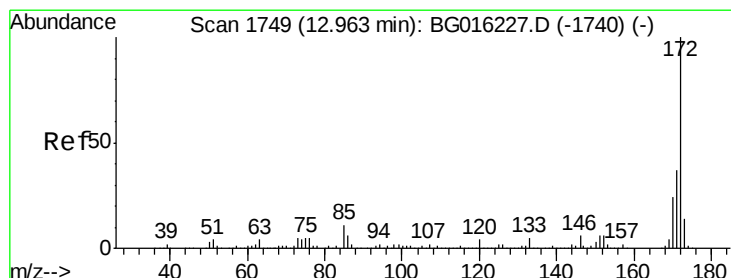
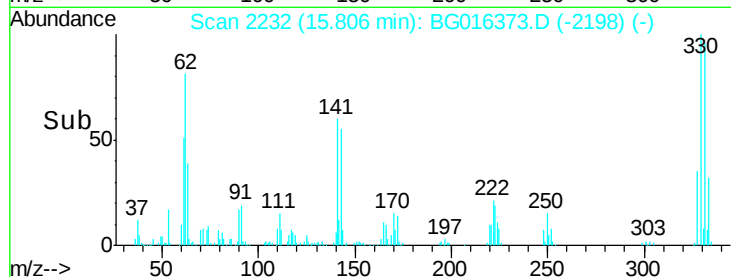
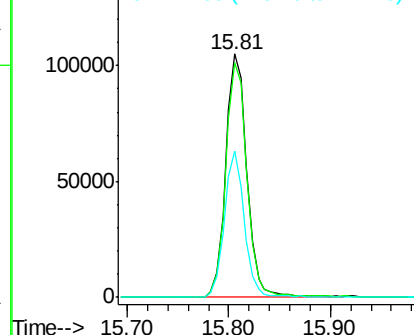
#41
 2,4,6-Tribromophenol
 Concen: 133.46 ng
 RT: 15.81 min Scan# 2232
 Delta R.T. -0.00 min
 Lab File: BG016373.D
 Acq: 13 Apr 2015 22:30

Instrument :
 BNA_G
 ClientSampleId :
 PB82688BL

Tgt Ion:330 Resp: 152718
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.6
 141 56.6 46.6 69.8

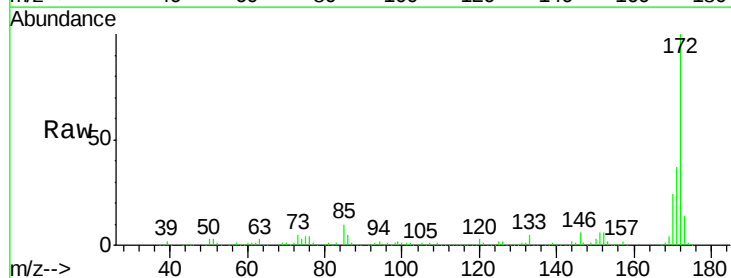


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

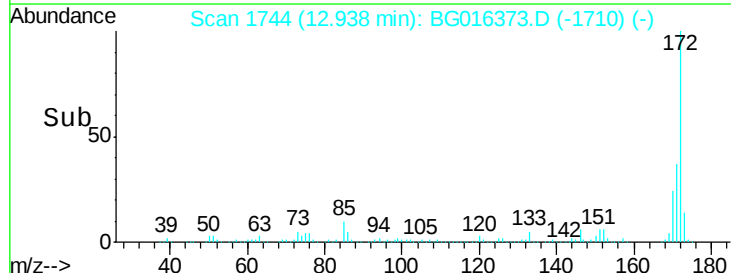
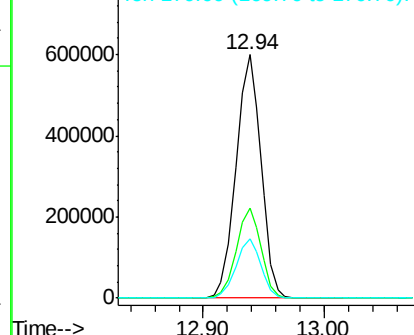


#44
 2-Fluorobiphenyl
 Concen: 86.97 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016373.D
 Acq: 13 Apr 2015 22:30

Tgt Ion:172 Resp: 864334
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.4 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

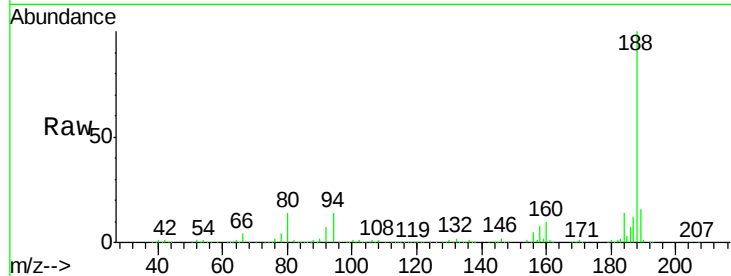




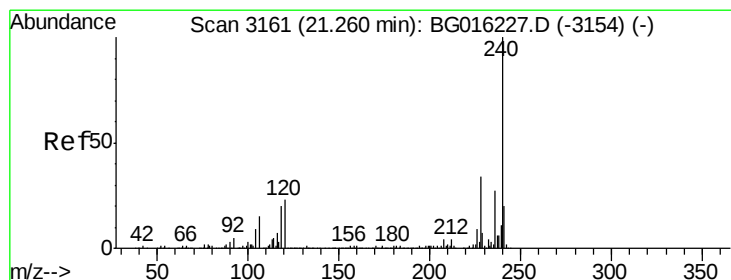
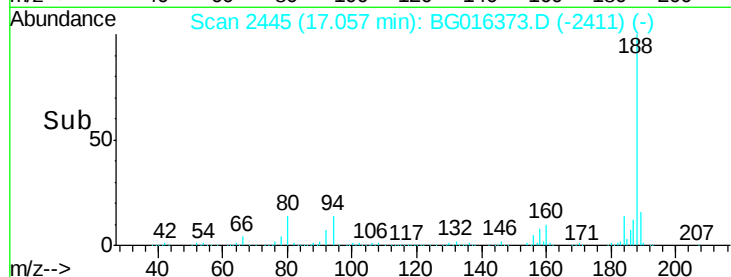
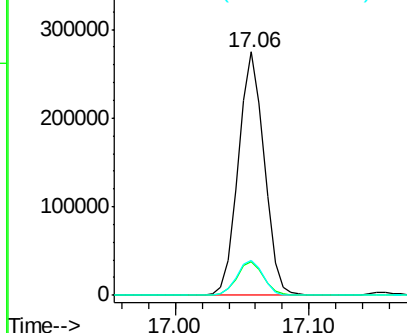
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG016373.D
Acq: 13 Apr 2015 22:30

Instrument :
BNA_G
ClientSampleId :
PB82688BL

Tgt Ion:188 Resp: 368761
Ion Ratio Lower Upper
188 100
94 13.8 12.2 18.4
80 14.1 12.8 19.2

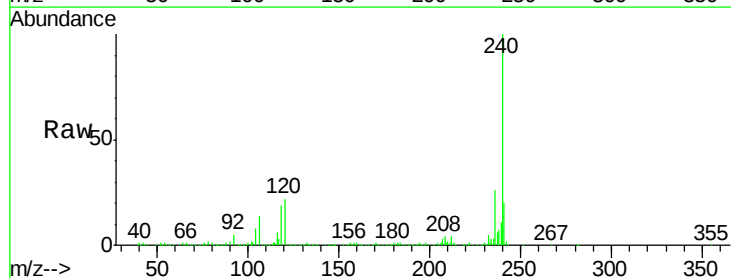


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

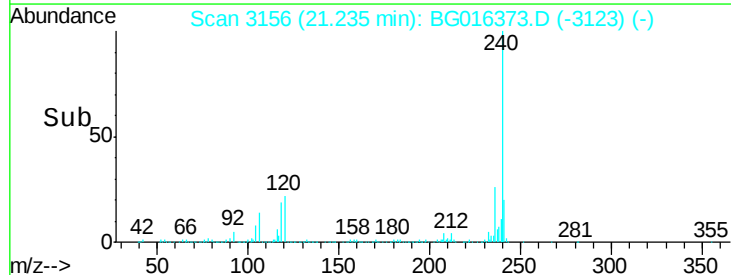
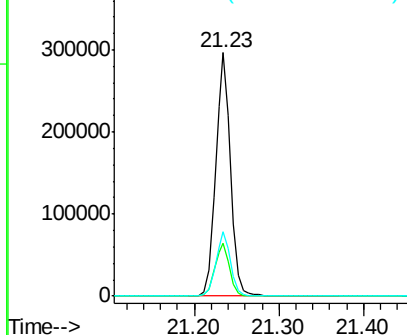


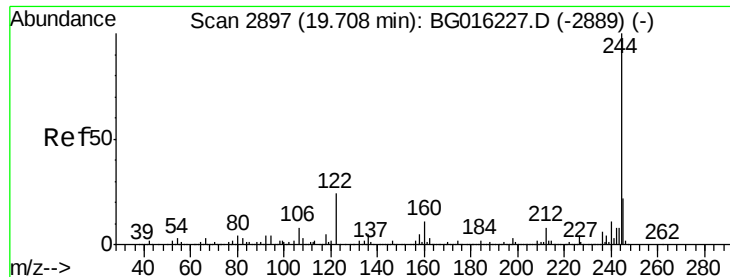
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG016373.D
Acq: 13 Apr 2015 22:30

Tgt Ion:240 Resp: 367197
Ion Ratio Lower Upper
240 100
120 21.6 18.6 28.0
236 26.3 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: 72.65 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016373.D

Acq: 13 Apr 2015 22:30

Instrument :

BNA_G

ClientSampled :

PB82688BL

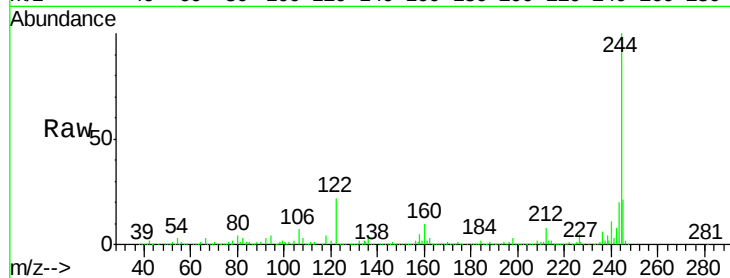
Tgt Ion:244 Resp: 1139889

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

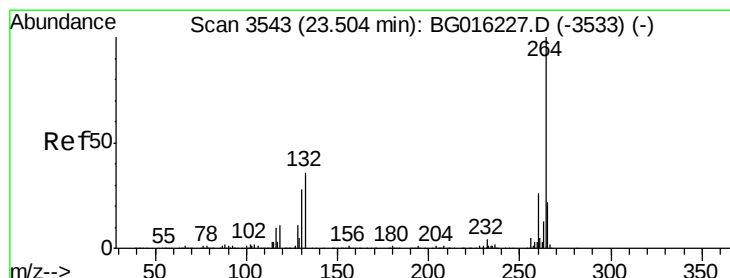
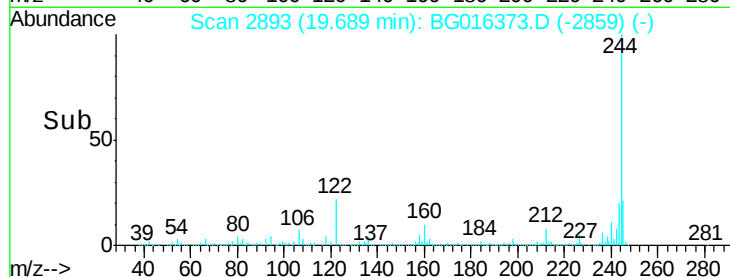
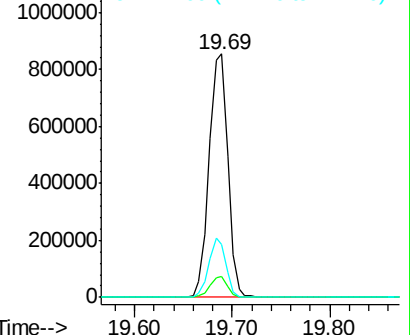
122 21.5 19.1 28.7



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: 23.47 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG016373.D

Acq: 13 Apr 2015 22:30

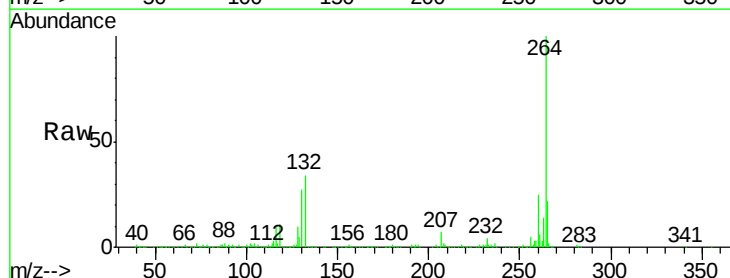
Tgt Ion:264 Resp: 347624

Ion Ratio Lower Upper

264 100

260 25.1 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

