

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016549.D
 Acq On : 20 Apr 2015 14:03
 Operator : TP/IZ
 Sample : PB82876BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82876BL

Quant Time: Apr 21 01:49:42 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 01:34:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	80018	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	339015	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	198748	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	435141	20.00	ng	0.00
75) Chrysene-d12	21.21	240	369406	20.00	ng	0.00
86) Perylene-d12	23.43	264	349448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	567246	111.88	ng	0.00
7) Phenol-d6	6.84	99	767974	100.90	ng	0.00
23) Nitrobenzene-d5	8.80	82	380528	65.02	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	155571	115.74	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	850558	72.86	ng	0.00
78) Terphenyl-d14	19.67	244	1031295	65.34	ng	0.00

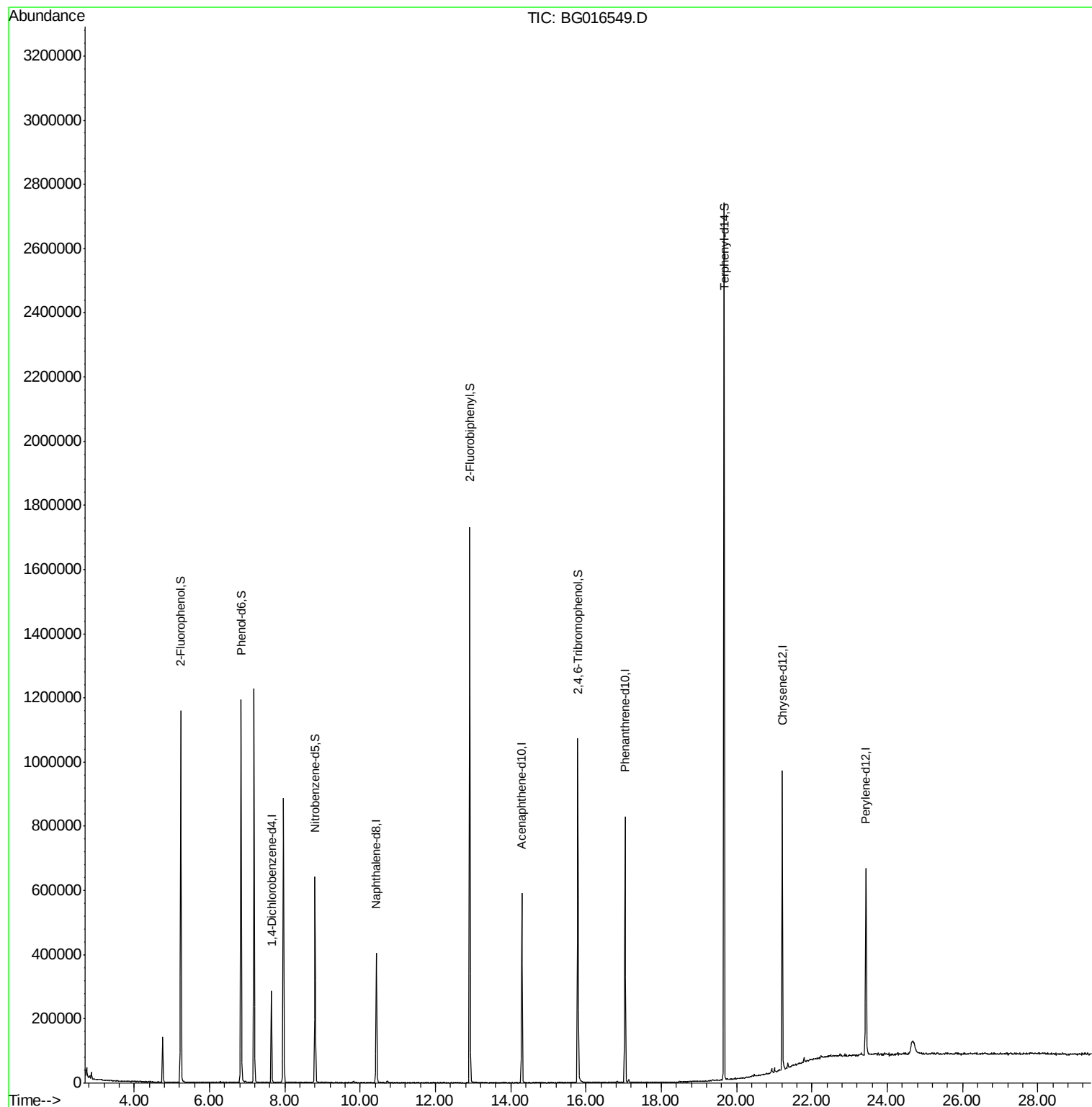
Target Compounds Qvalue

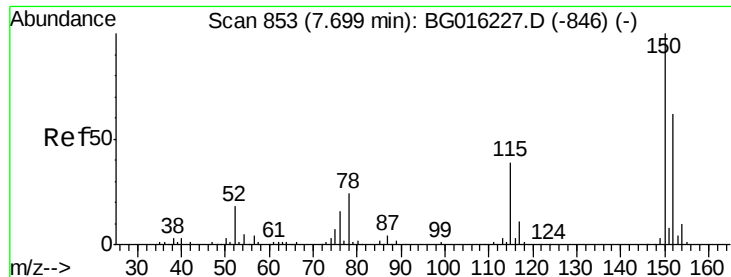
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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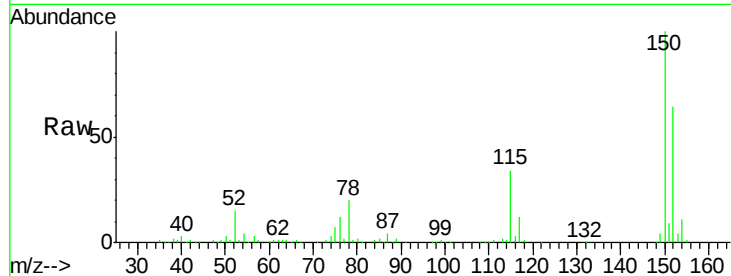


#1

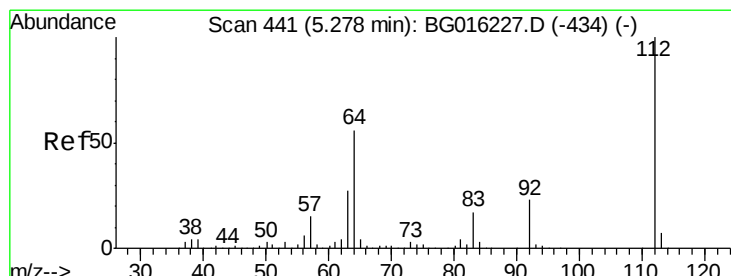
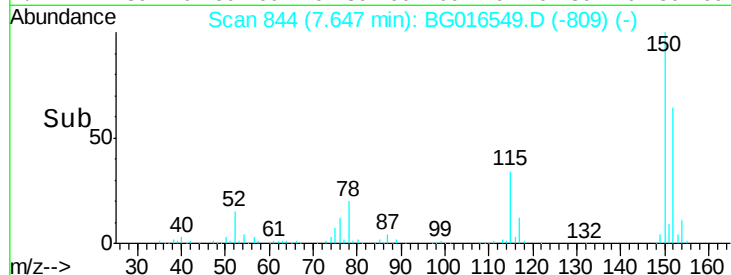
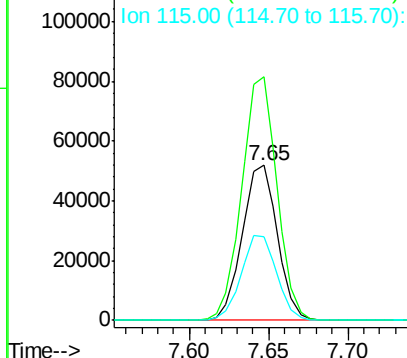
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.65 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG016549.D
 Acq: 20 Apr 2015 14:03

Instrument :
 BNA_G
 ClientSampleId :
 PB82876BL

Tot Ion:152 Resp: 80018
 Ion Ratio Lower Upper
 152 100
 150 156.9 130.1 195.1
 115 53.9 50.5 75.7



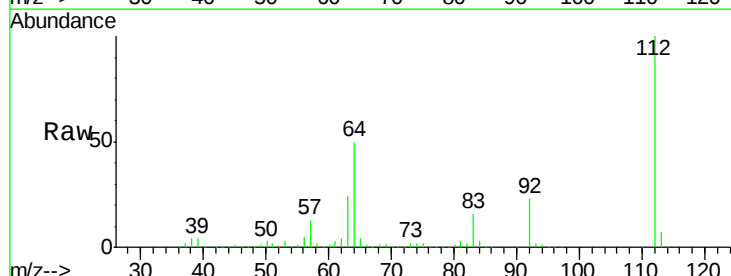
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



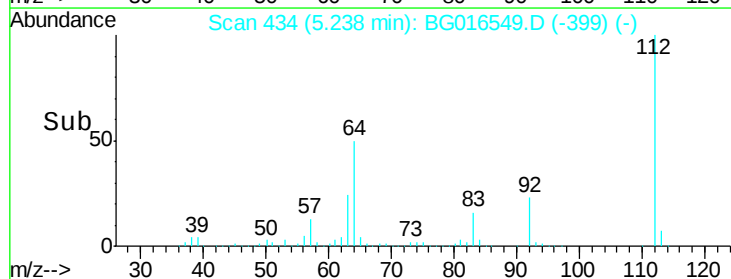
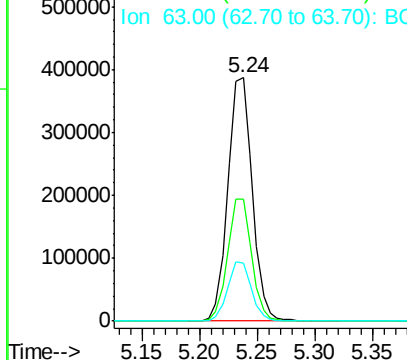
#5

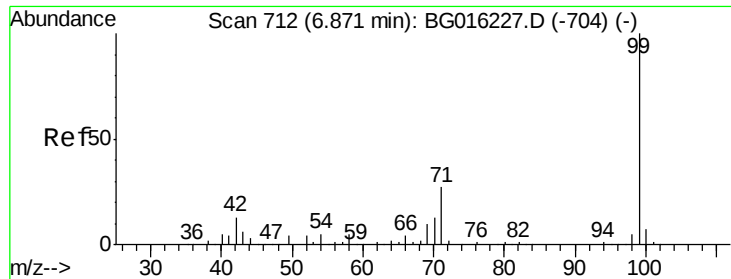
2-Fluorophenol
 Concen: 111.88 ng
 RT: 5.24 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BG016549.D
 Acq: 20 Apr 2015 14:03

Tgt Ion:112 Resp: 567246
 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): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.90 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG016549.D

Acq: 20 Apr 2015 14:03

Instrument :

BNA_G

ClientSampleId :

PB82876BL

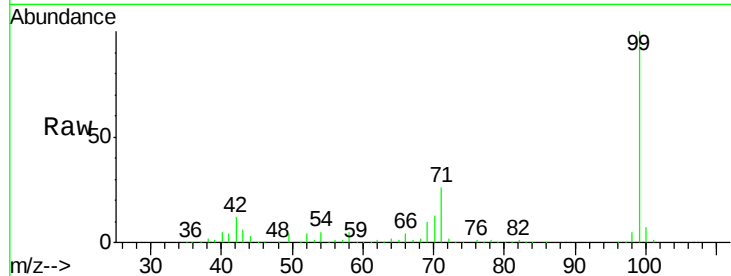
Tot Ion: 99 Resp: 767974

Ion Ratio Lower Upper

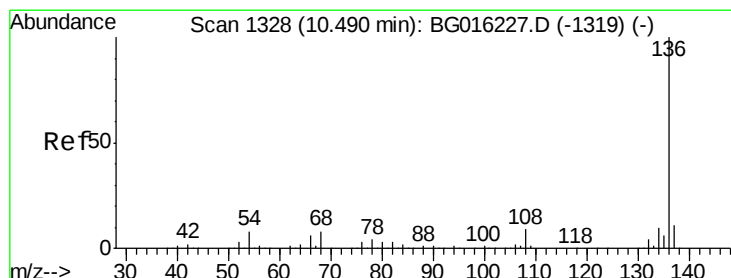
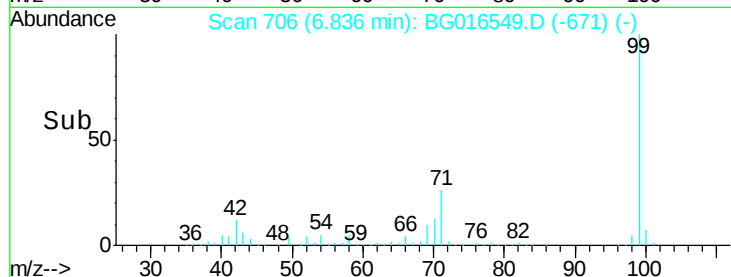
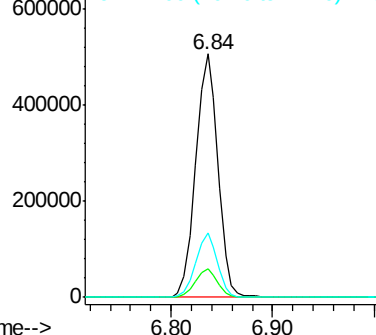
99 100

42 12.0 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: 10.43 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG016549.D

Acq: 20 Apr 2015 14:03

Tgt Ion: 136 Resp: 339015

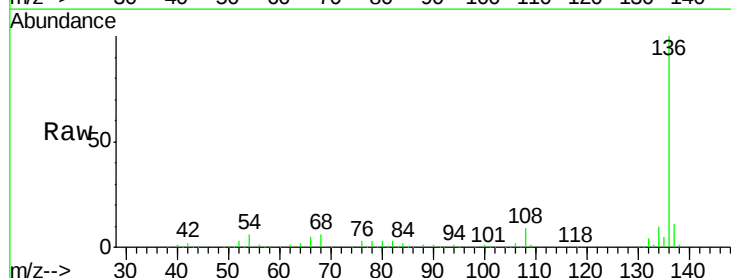
Ion Ratio Lower Upper

136 100

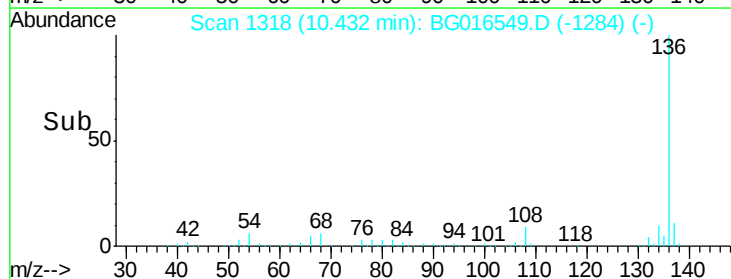
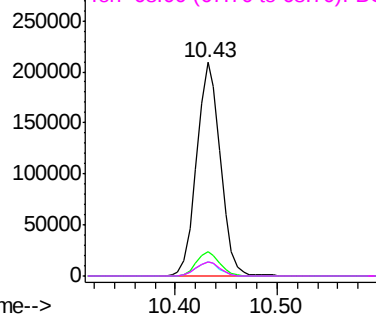
137 11.2 8.7 13.1

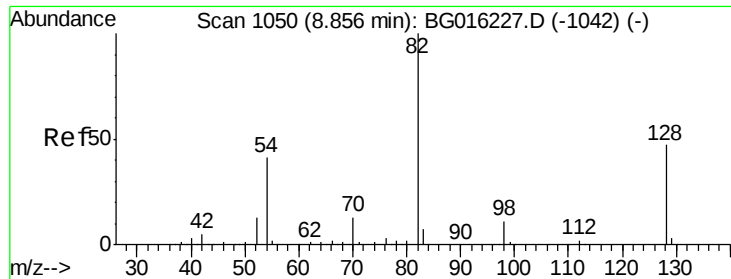
54 6.4 6.3 9.5

68 6.5 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

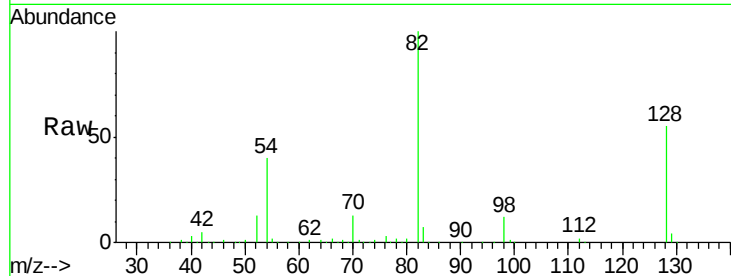




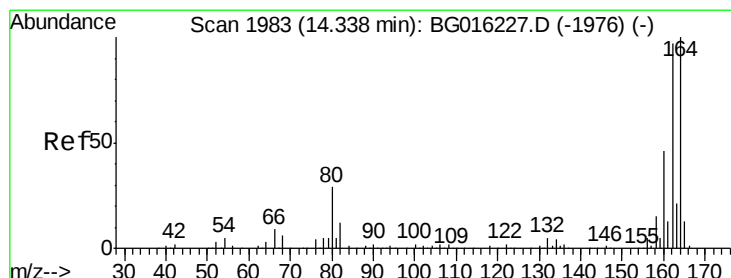
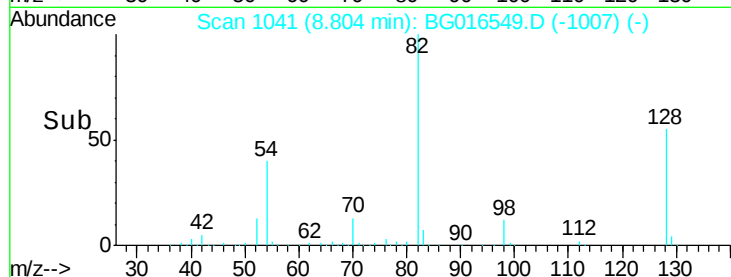
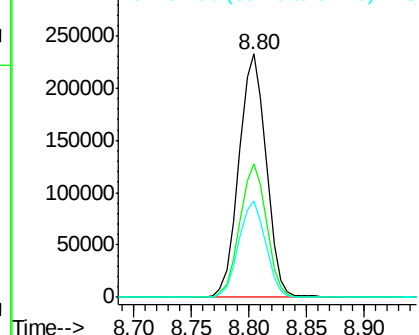
#23
 Nitrobenzene-d5
 Concen: 65.02 ng
 RT: 8.80 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG016549.D
 Acq: 20 Apr 2015 14:03

Instrument :
 BNA_G
 ClientSampleId :
 PB82876BL

Tot Ion	82	Resp	380528
Ion Ratio	100	Lower	Upper
128	55.0	37.8	56.8
54	39.7	32.6	49.0

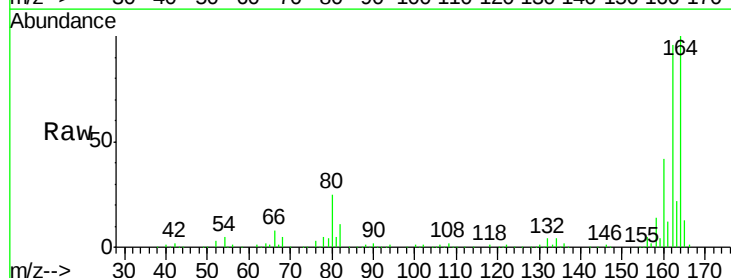


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

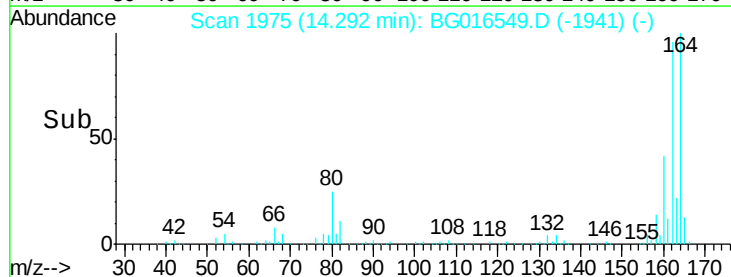
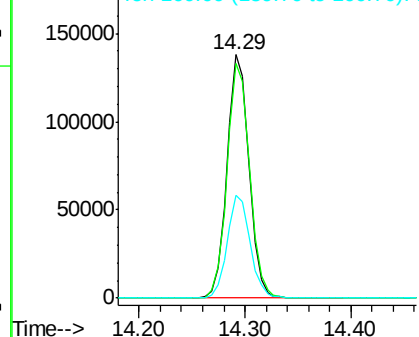


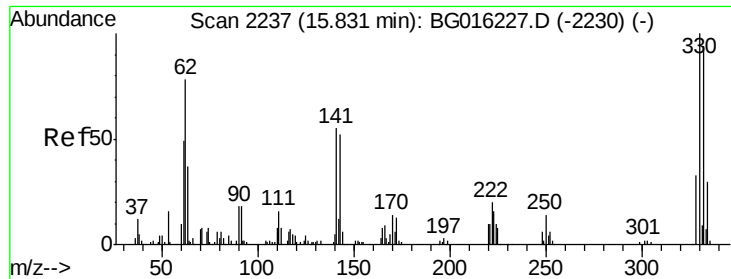
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG016549.D
 Acq: 20 Apr 2015 14:03

Tgt Ion	164	Resp	198748
Ion Ratio	100	Lower	Upper
162	96.4	77.3	115.9
160	42.1	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

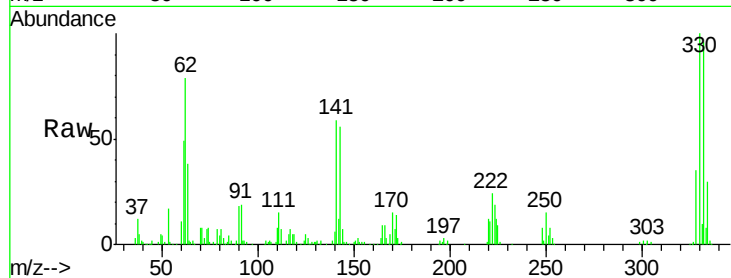




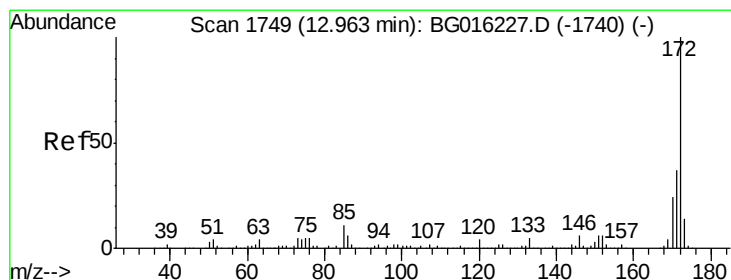
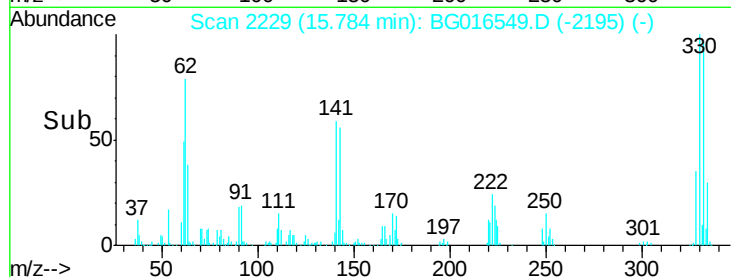
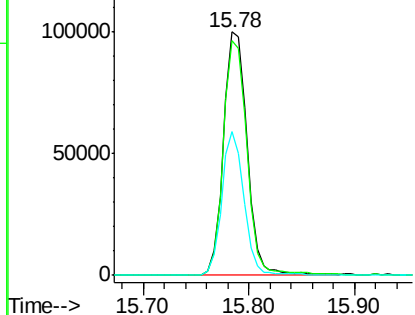
#41
 2,4,6-Tribromophenol
 Concen: 115.74 ng
 RT: 15.78 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG016549.D
 Acq: 20 Apr 2015 14:03

Instrument :
 BNA_G
 ClientSampleId :
 PB82876BL

Tot Ion:330 Resp: 155571
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.8 113.6
 141 55.7 46.6 69.8

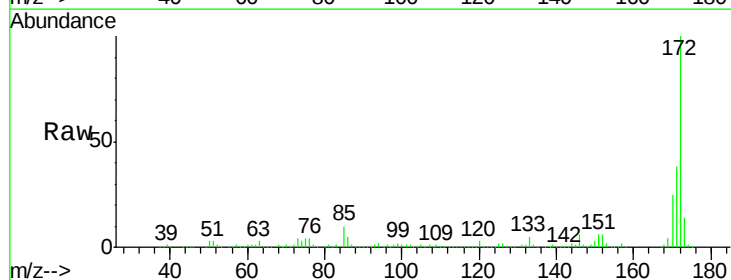


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

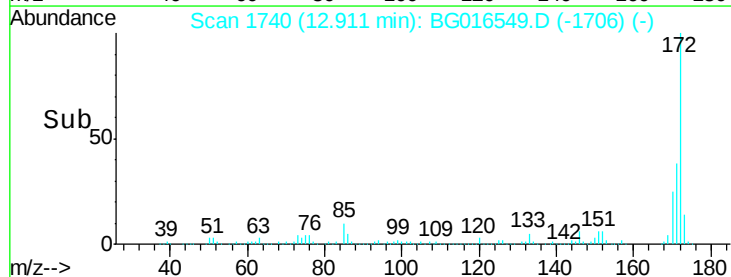
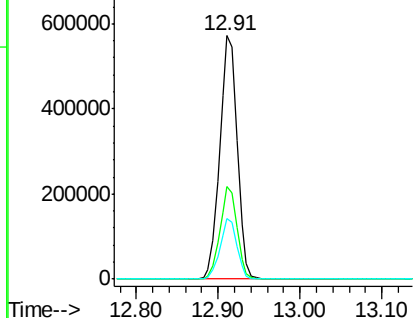


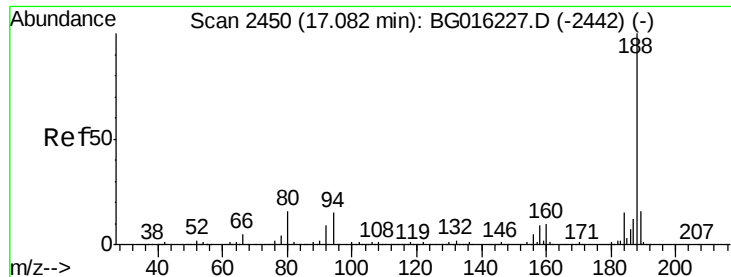
#44
 2-Fluorobiphenyl
 Concen: 72.86 ng
 RT: 12.91 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG016549.D
 Acq: 20 Apr 2015 14:03

Tgt Ion:172 Resp: 850558
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.6 44.4
 170 25.0 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

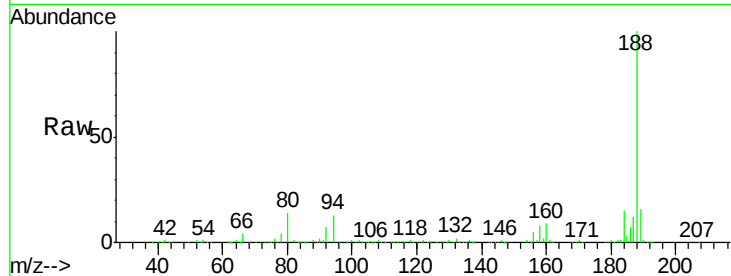




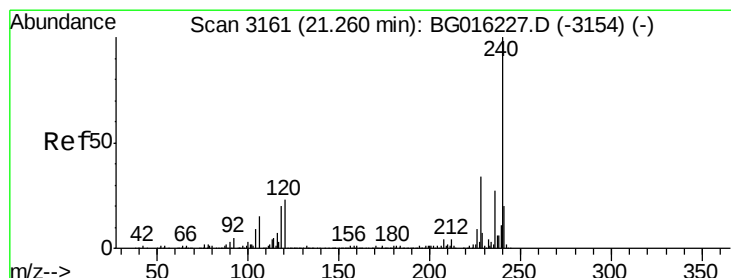
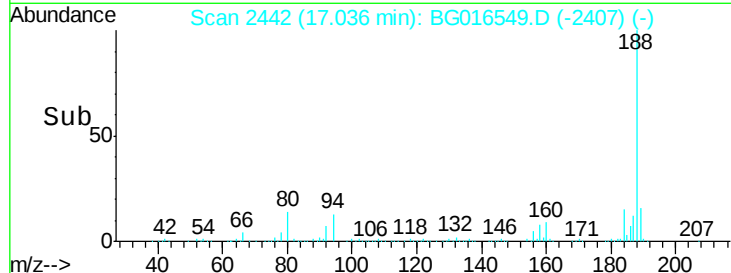
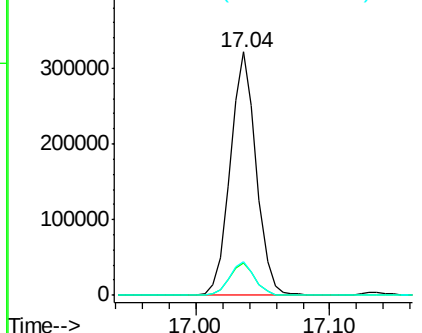
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG016549.D
Acq: 20 Apr 2015 14:03

Instrument :
BNA_G
ClientSampleId :
PB82876BL

Tot Ion:188 Resp: 435141
Ion Ratio Lower Upper
188 100
94 13.3 12.2 18.4
80 13.7 12.8 19.2

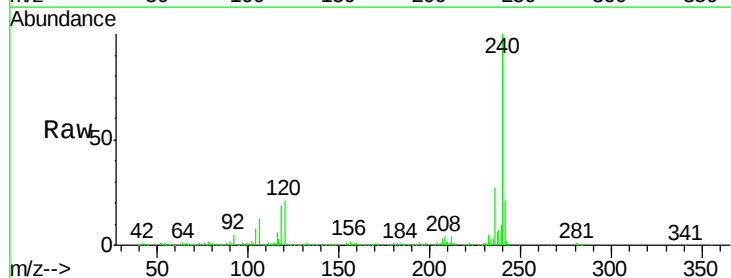


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

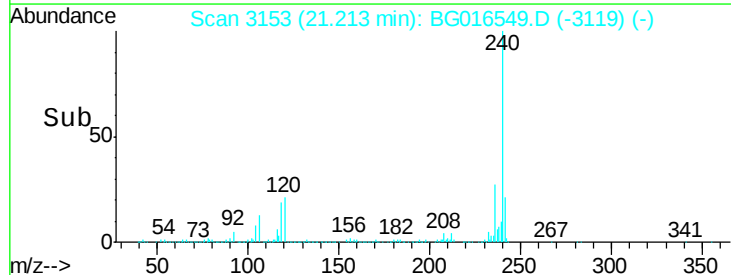
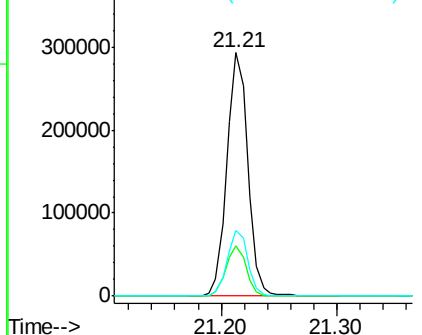


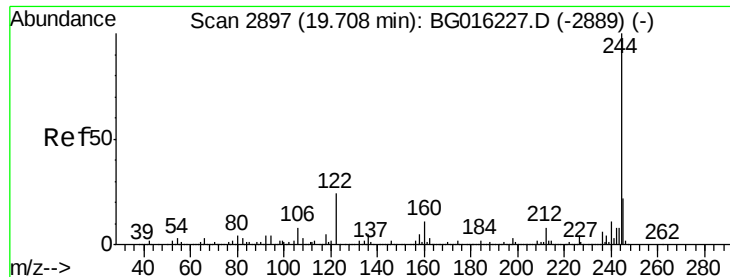
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG016549.D
Acq: 20 Apr 2015 14:03

Tgt Ion:240 Resp: 369406
Ion Ratio Lower Upper
240 100
120 20.9 18.6 28.0
236 27.1 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: 65.34 ng

RT: 19.67 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG016549.D

Acq: 20 Apr 2015 14:03

Instrument :

BNA_G

ClientSampled :

PB82876BL

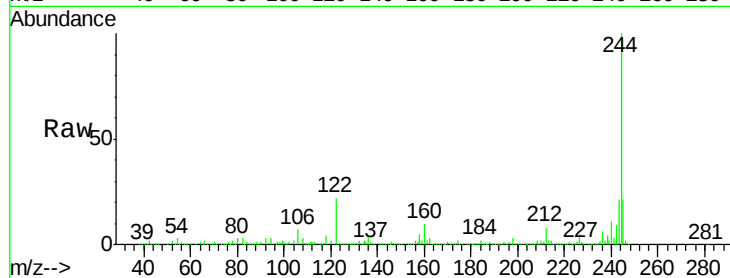
Tot Ion:244 Resp: 1031295

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

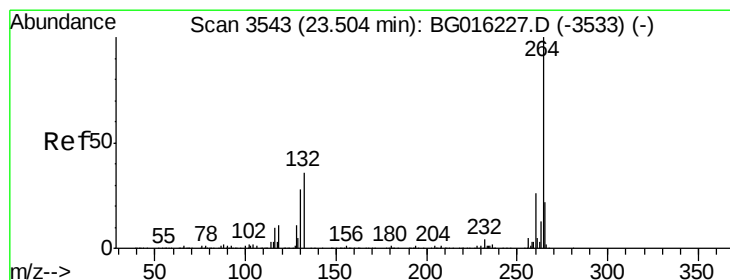
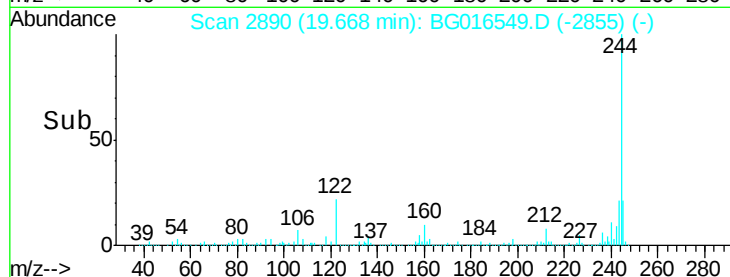
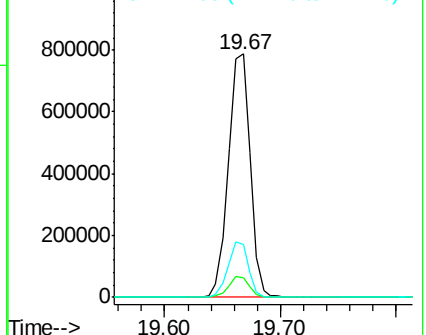
122 21.5 19.1 28.7



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: 23.43 min Scan# 3531

Delta R.T. -0.00 min

Lab File: BG016549.D

Acq: 20 Apr 2015 14:03

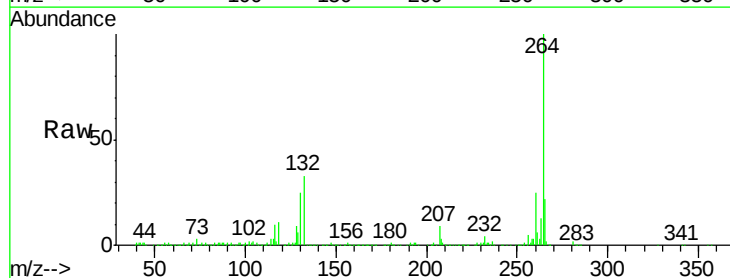
Tgt Ion:264 Resp: 349448

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

265 22.2 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

