

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016989.D
 Acq On : 9 May 2015 15:10
 Operator : TP/IZ
 Sample : G2087-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1GW

Quant Time: May 11 02:20:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	72850	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	332097	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	234796	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	531178	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	544504	20.00	ng	-0.02
86) Perylene-d12	23.64	264	530638	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	168003	40.16	ng	-0.01
7) Phenol-d6	6.96	99	151422	25.33	ng	0.00
23) Nitrobenzene-d5	8.94	82	432171	63.57	ng	-0.02
41) 2,4,6-Tribromophenol	15.91	330	198947	84.40	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	929464	59.74	ng	-0.02
78) Terphenyl-d14	19.80	244	1471383	63.35	ng	-0.02

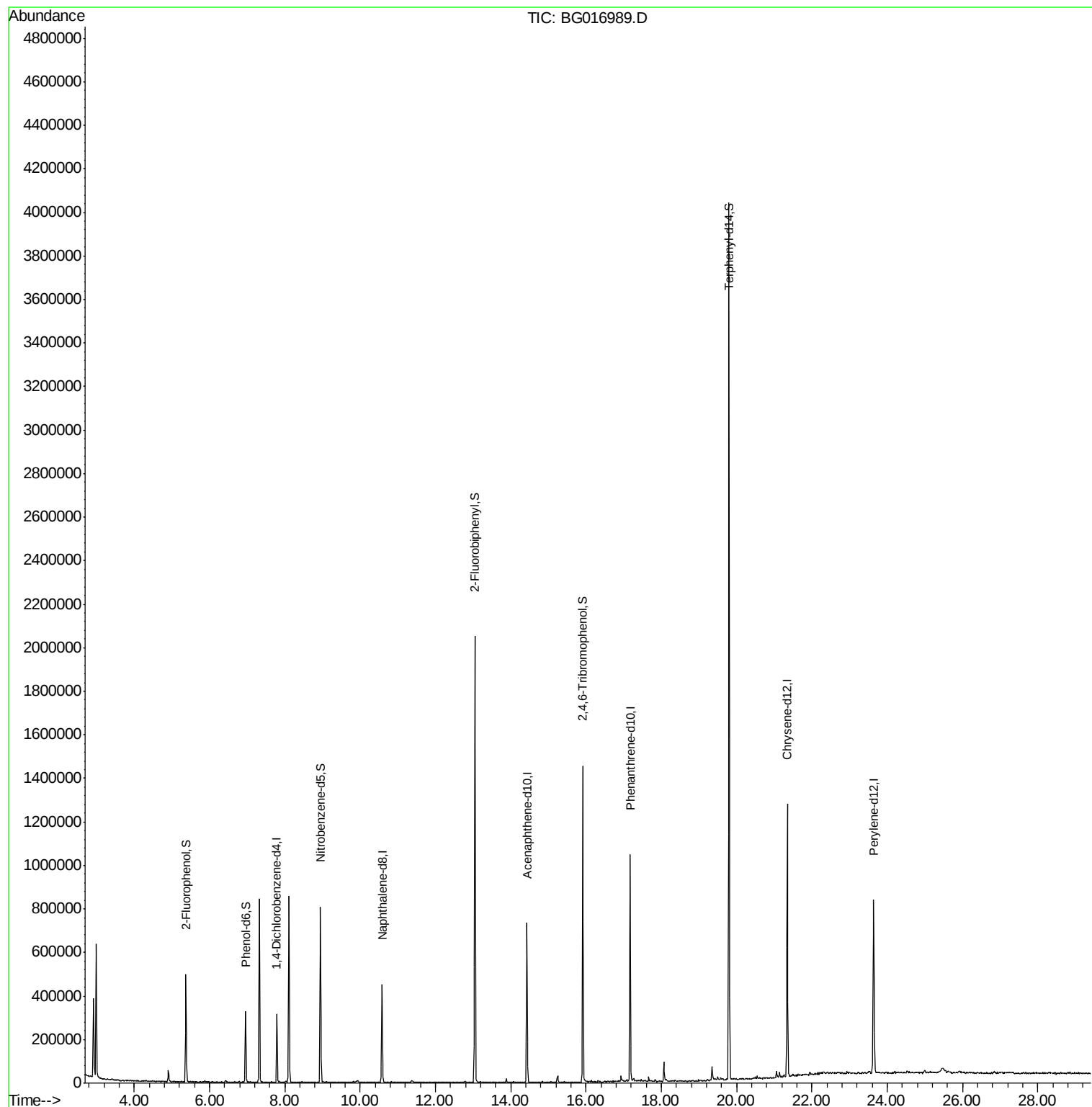
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.02 min

Lab File: BG016989.D

Acq: 9 May 2015 15:10

Instrument :

BNA_G

ClientSampleId :

B1GW

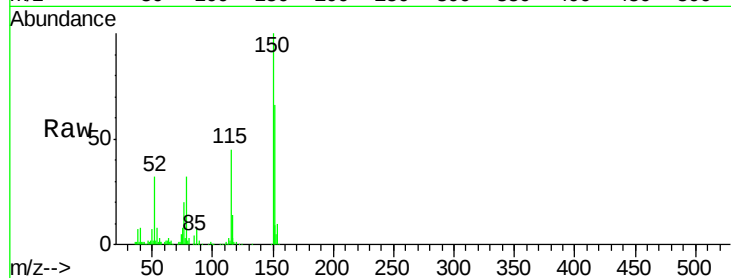
Tgt Ion:152 Resp: 72850

Ion Ratio Lower Upper

152 100

150 152.5 121.0 181.4

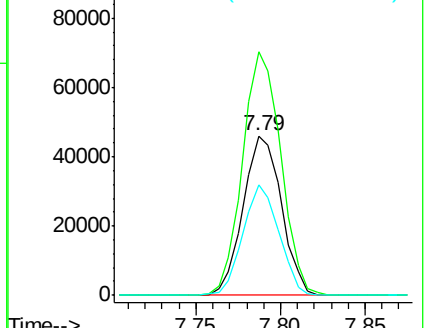
115 69.3 50.5 75.7



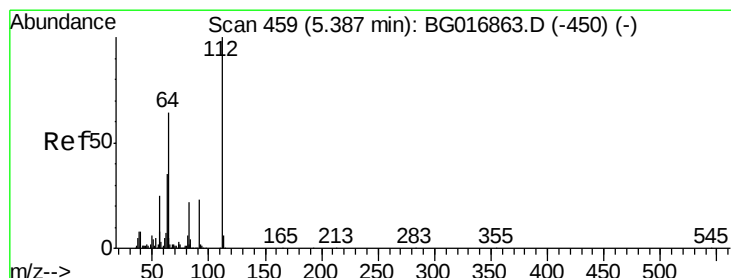
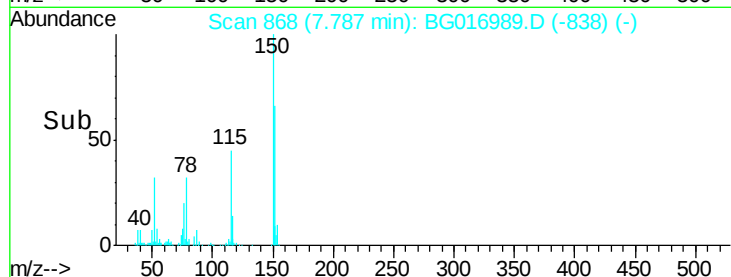
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 40.16 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016989.D

Acq: 9 May 2015 15:10

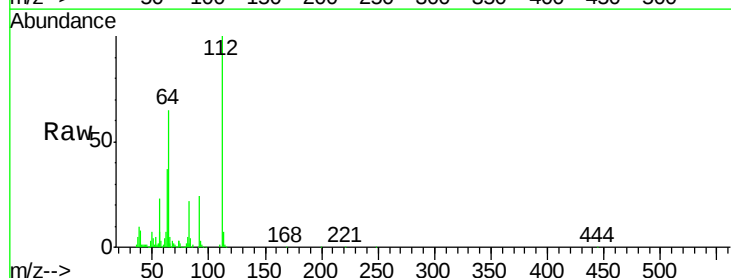
Tgt Ion:112 Resp: 168003

Ion Ratio Lower Upper

112 100

64 65.3 51.4 77.2

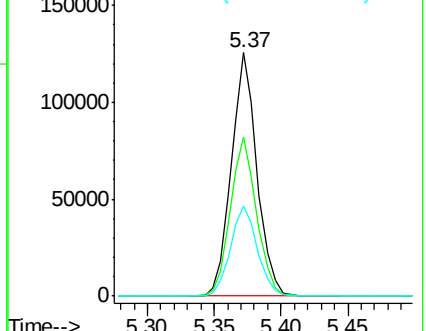
63 36.8 28.1 42.1



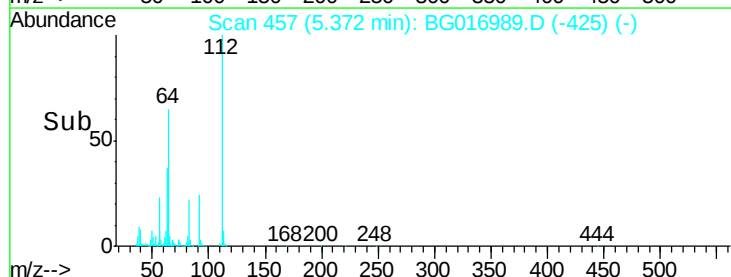
Abundance Ion 112.00 (111.70 to 112.70): E

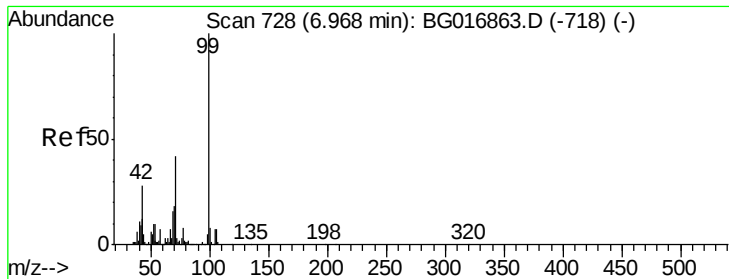
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 25.33 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016989.D

Acq: 9 May 2015 15:10

Instrument :

BNA_G

ClientSampleId :

B1GW

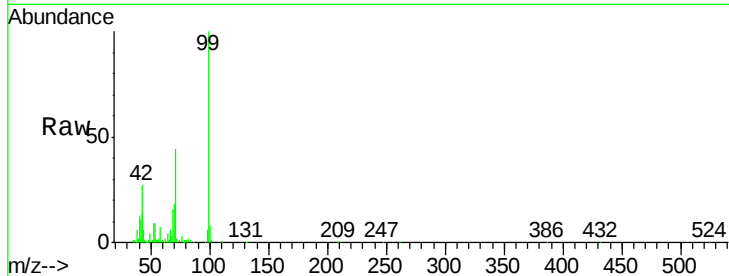
Tgt Ion: 99 Resp: 151422

Ion Ratio Lower Upper

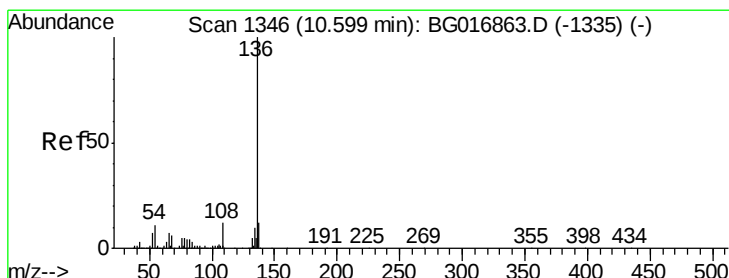
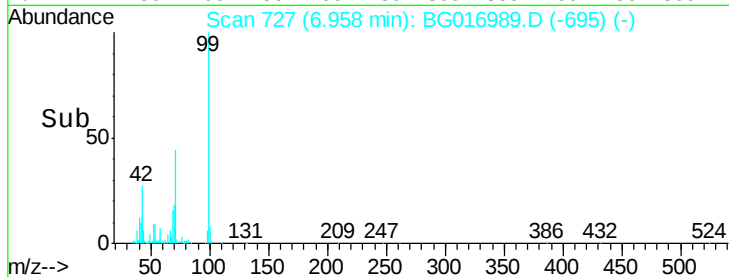
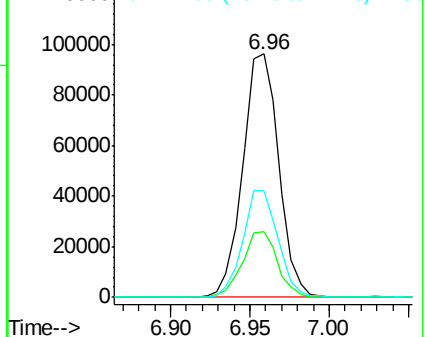
99 100

42 27.0 22.1 33.1

71 44.0 33.4 50.0



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# 1344

Delta R.T. -0.02 min

Lab File: BG016989.D

Acq: 9 May 2015 15:10

Tgt Ion: 136 Resp: 332097

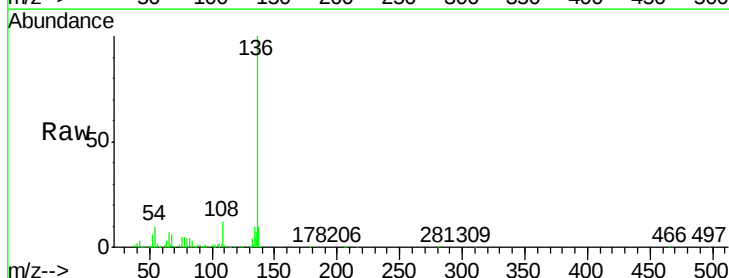
Ion Ratio Lower Upper

136 100

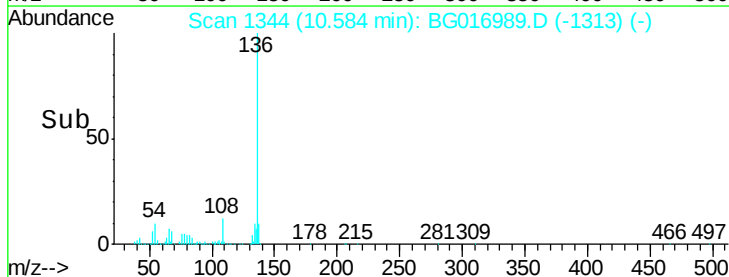
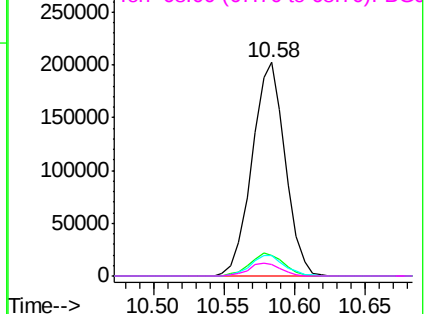
137 9.9 9.8 14.8

54 9.9 8.7 13.1

68 5.5 5.0 7.4



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

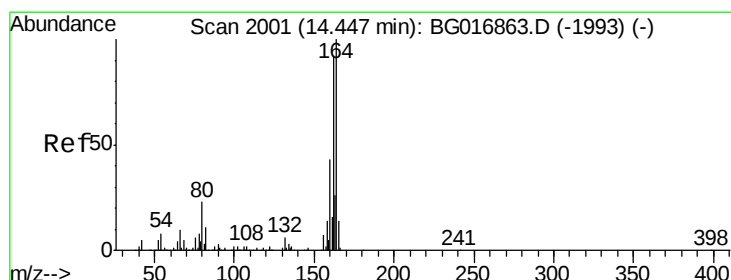
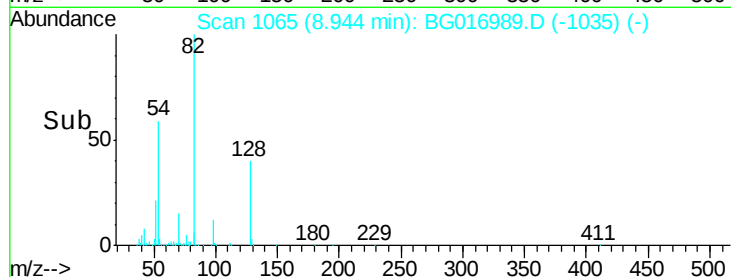
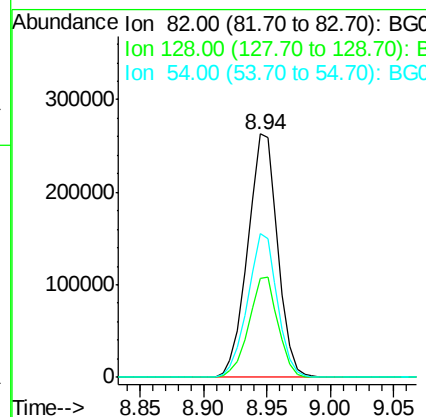
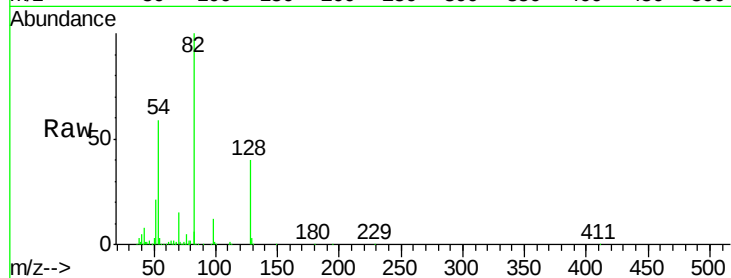




#23
 Nitrobenzene-d5
 Concen: 63.57 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG016989.D
 Acq: 9 May 2015 15:10

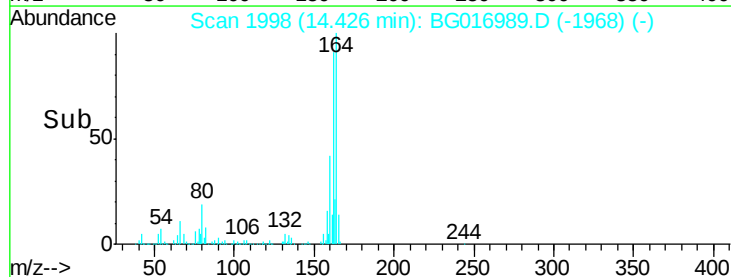
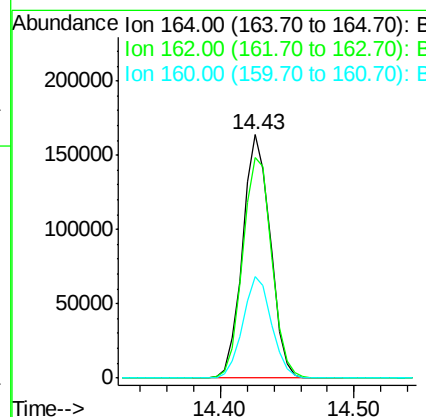
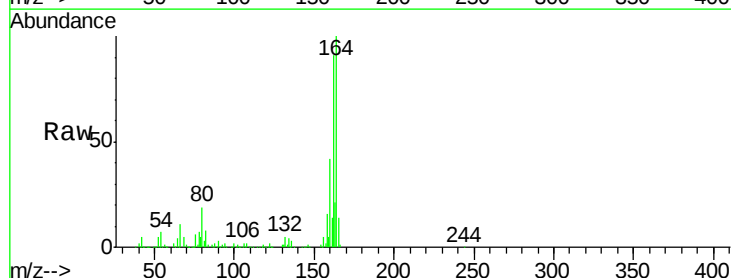
Instrument :
 BNA_G
 ClientSampleId :
 B1GW

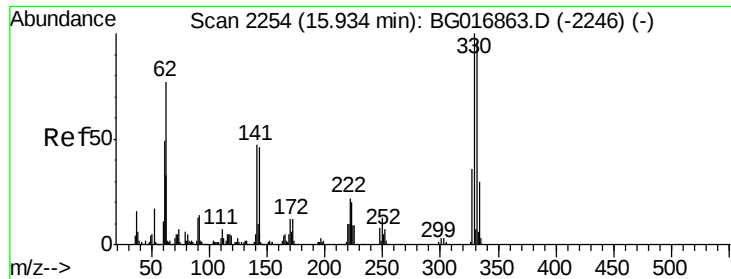
Tgt Ion: 82 Resp: 432171
 Ion Ratio Lower Upper
 82 100
 128 40.4 33.2 49.8
 54 59.1 48.6 72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG016989.D
 Acq: 9 May 2015 15:10

Tgt Ion: 164 Resp: 234796
 Ion Ratio Lower Upper
 164 100
 162 90.6 74.0 111.0
 160 41.7 34.7 52.1

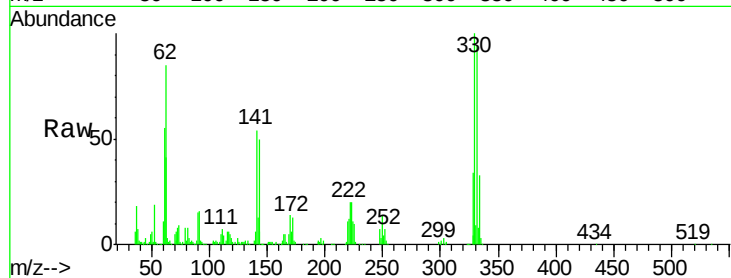




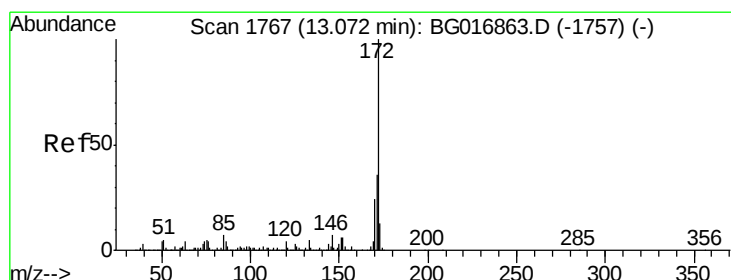
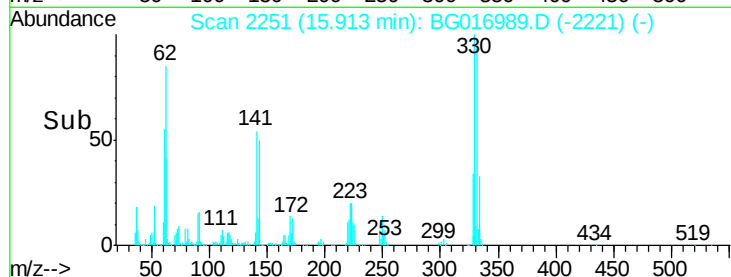
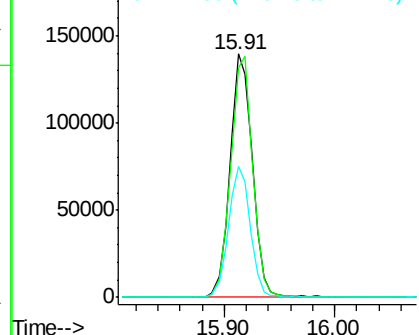
#41
 2,4,6-Tribromophenol
 Concen: 84.40 ng
 RT: 15.91 min Scan# 2251
 Delta R.T. -0.02 min
 Lab File: BG016989.D
 Acq: 9 May 2015 15:10

Instrument :
 BNA_G
 ClientSampleId :
 B1GW

Tgt Ion: 330 Resp: 198947
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 52.5 0.0 0.0#

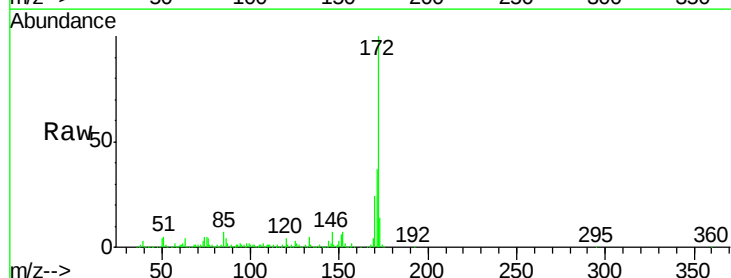


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

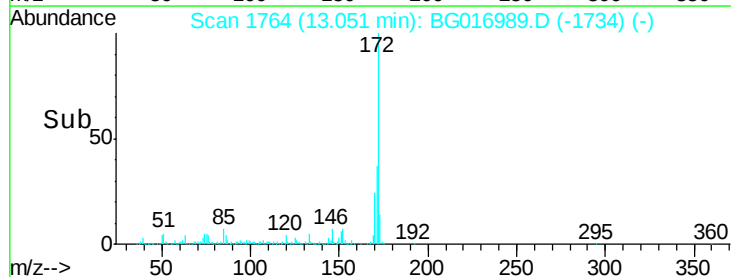
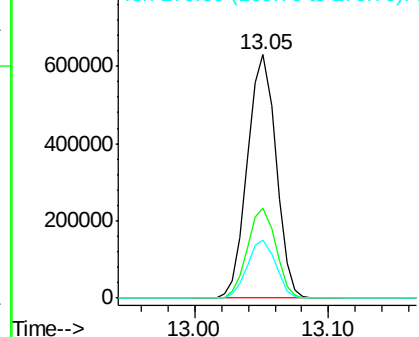


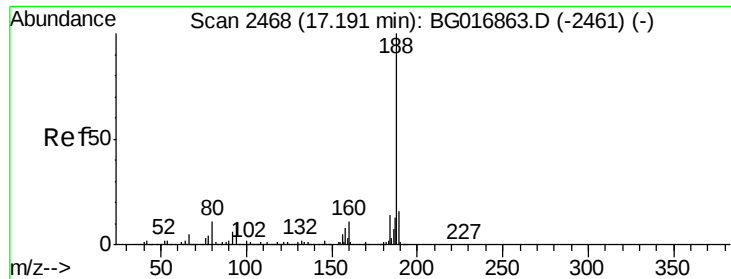
#44
 2-Fluorobiphenyl
 Concen: 59.74 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016989.D
 Acq: 9 May 2015 15:10

Tgt Ion: 172 Resp: 929464
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.4
 170 23.8 19.0 28.4



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: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG016989.D

Acq: 9 May 2015 15:10

Instrument :

BNA_G

ClientSampleId :

B1GW

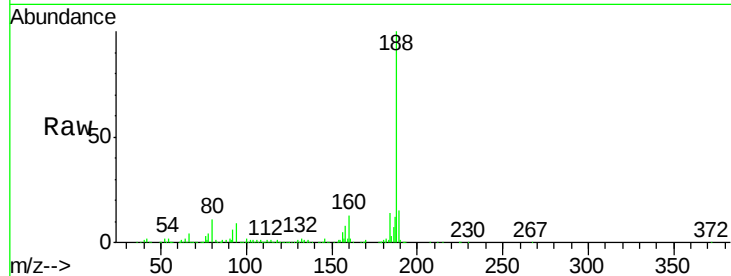
Tgt Ion:188 Resp: 531178

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

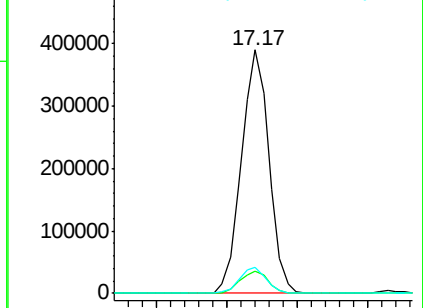
80 10.6 8.8 13.2



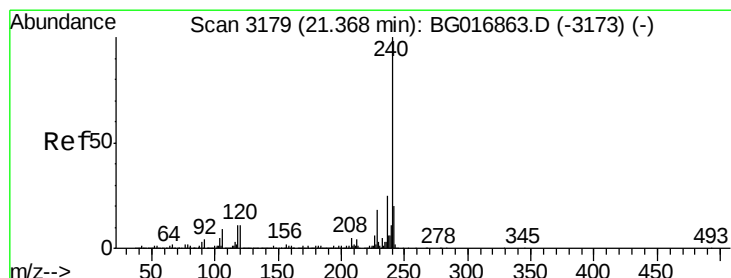
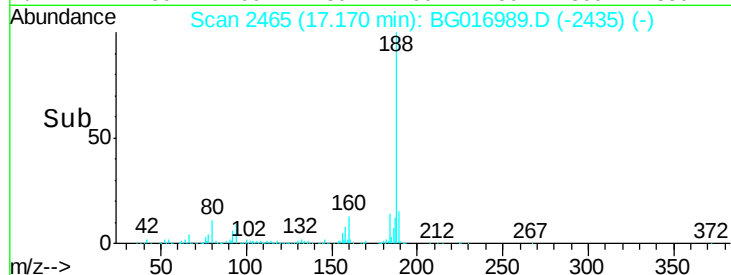
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG016989.D

Acq: 9 May 2015 15:10

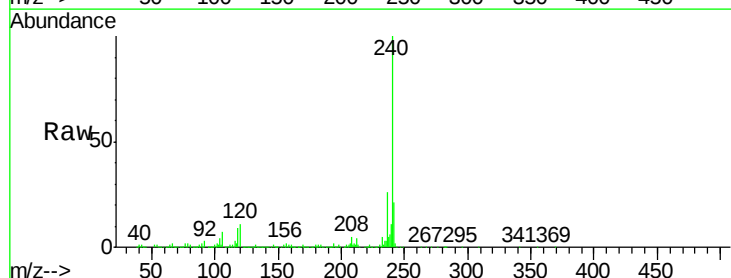
Tgt Ion:240 Resp: 544504

Ion Ratio Lower Upper

240 100

120 10.6 9.1 13.7

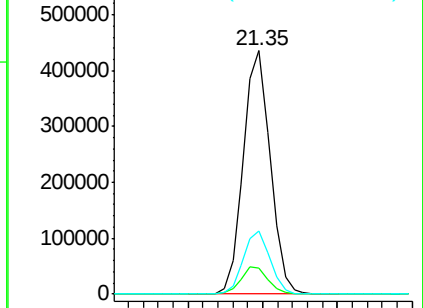
236 26.0 20.2 30.4



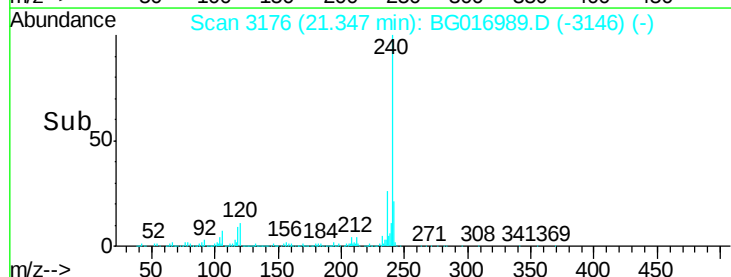
Abundance Ion 240.00 (239.70 to 240.70): E

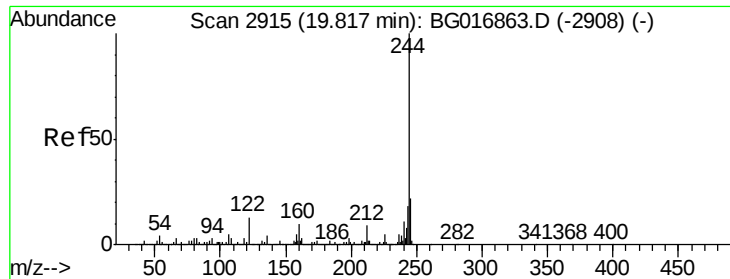
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 63.35 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016989.D

Acq: 9 May 2015 15:10

Instrument :

BNA_G

ClientSampleId :

B1GW

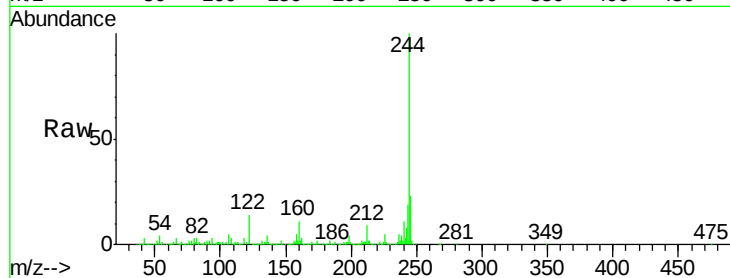
Tgt Ion:244 Resp: 1471383

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

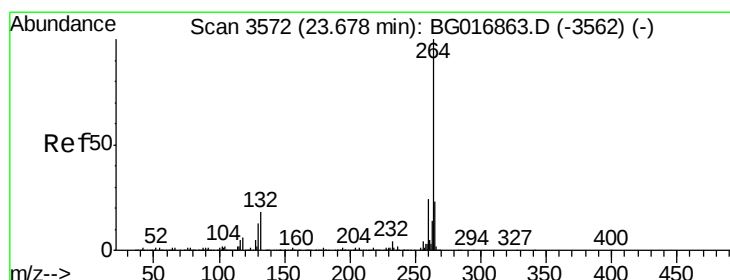
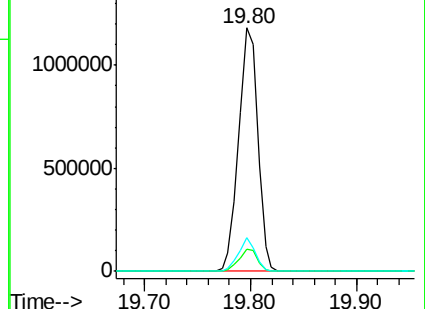
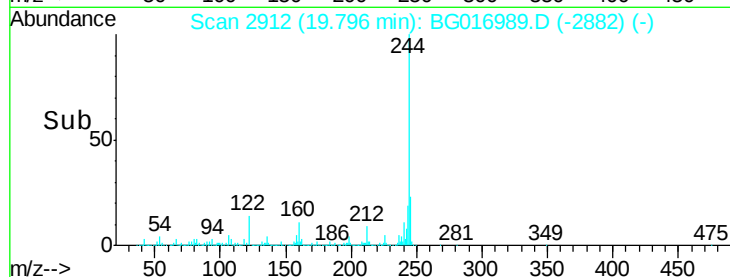
122 13.8 10.4 15.6



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: 23.64 min Scan# 3566

Delta R.T. -0.04 min

Lab File: BG016989.D

Acq: 9 May 2015 15:10

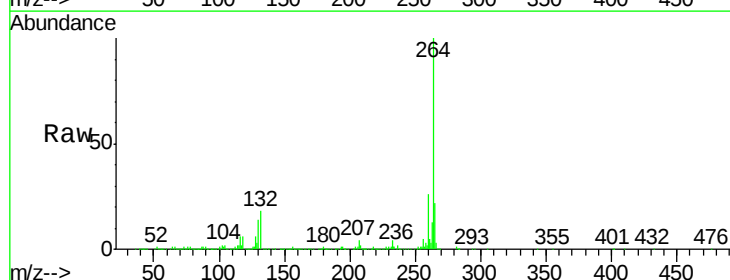
Tgt Ion:264 Resp: 530638

Ion Ratio Lower Upper

264 100

260 25.9 19.5 29.3

265 22.1 18.5 27.7



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

