

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016984.D
 Acq On : 9 May 2015 9:23
 Operator : TP/IZ
 Sample : G2081-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWHR2-8

Quant Time: May 11 02:05:14 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	52886	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	230792	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	158305	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	369429	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	376700	20.00	ng	-0.02
86) Perylene-d12	23.64	264	369973	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	207167	68.21	ng	-0.01
7) Phenol-d6	6.96	99	180060	41.50	ng	0.00
23) Nitrobenzene-d5	8.95	82	403204	85.35	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	261328	164.44	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	865965	82.55	ng	-0.02
78) Terphenyl-d14	19.80	244	1415744	88.10	ng	-0.02

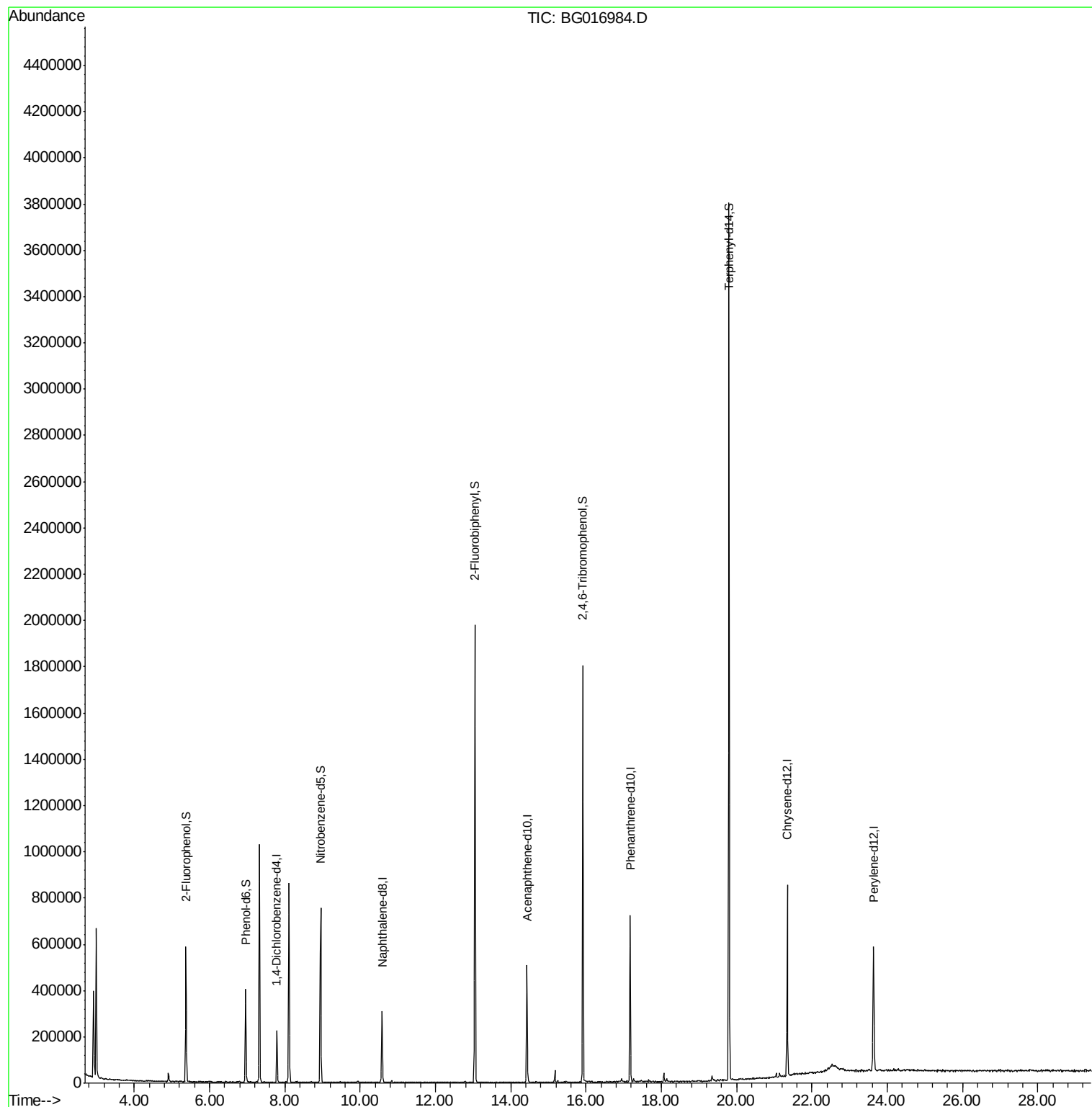
Target Compounds	Qvalue
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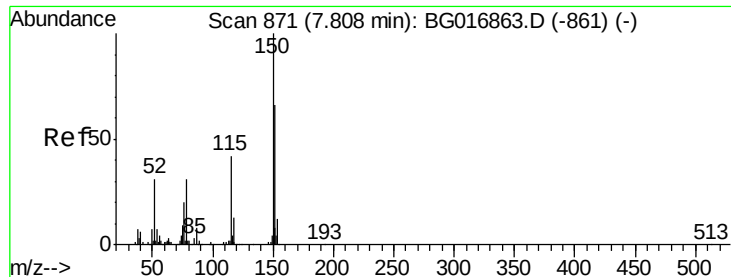
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.02 min

Lab File: BG016984.D

Acq: 9 May 2015 9:23

Instrument :

BNA_G

ClientSampleId :

MWHR2-8

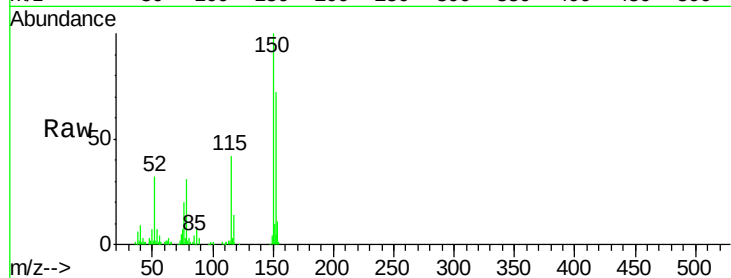
Tgt Ion:152 Resp: 52886

Ion Ratio Lower Upper

152 100

150 139.4 121.0 181.4

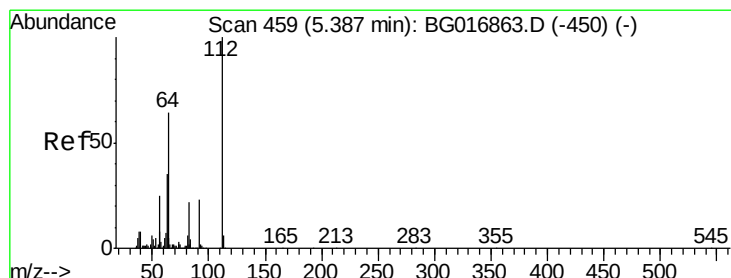
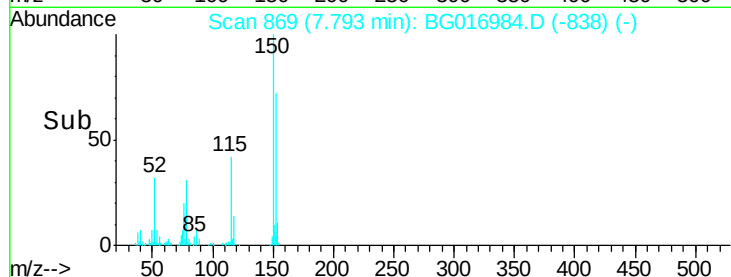
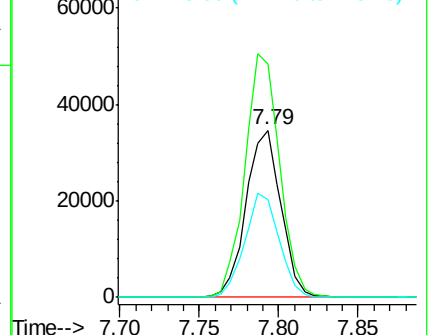
115 58.8 50.5 75.7



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: 68.21 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016984.D

Acq: 9 May 2015 9:23

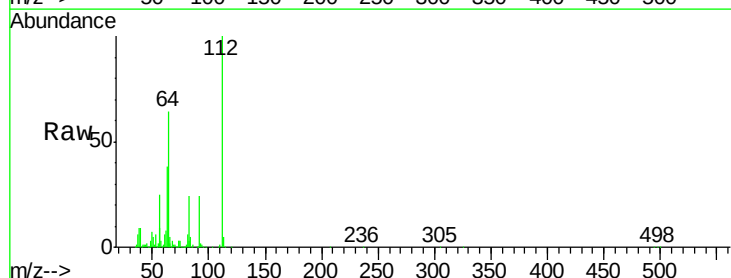
Tgt Ion:112 Resp: 207167

Ion Ratio Lower Upper

112 100

64 63.8 51.4 77.2

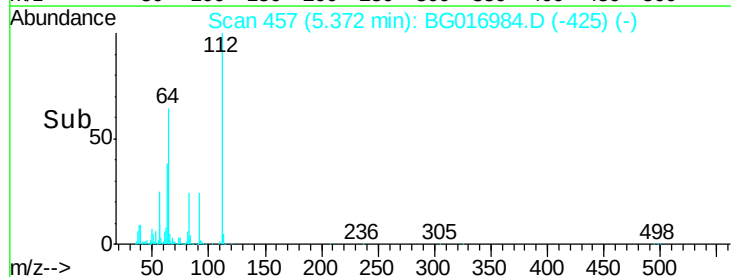
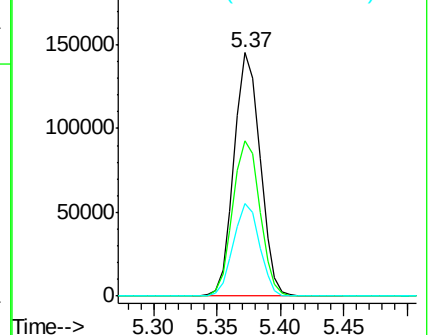
63 37.9 28.1 42.1

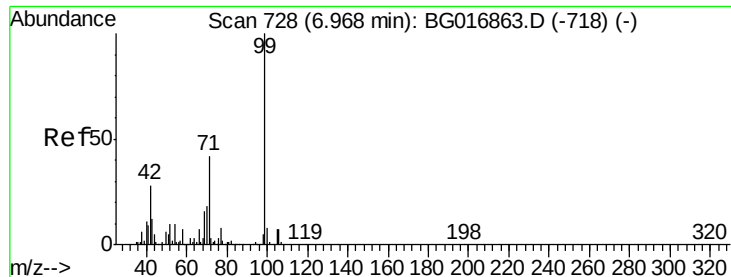


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.50 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016984.D

Acq: 9 May 2015 9:23

Instrument :

BNA_G

ClientSampleId :

MWHR2-8

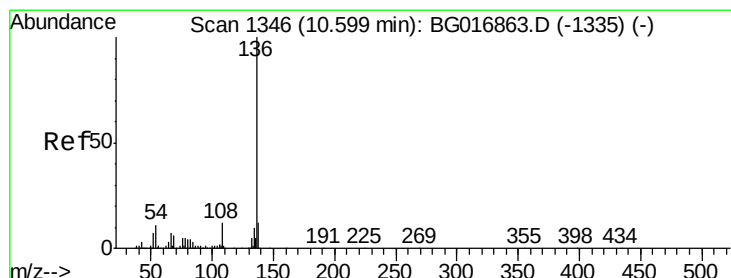
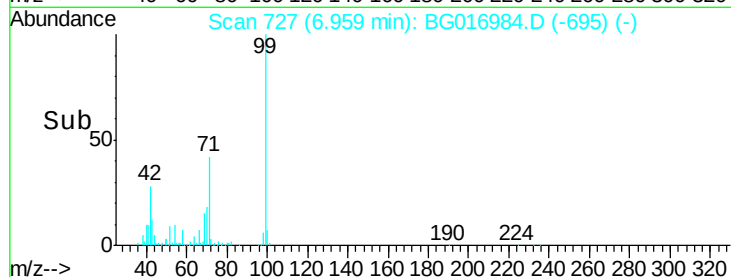
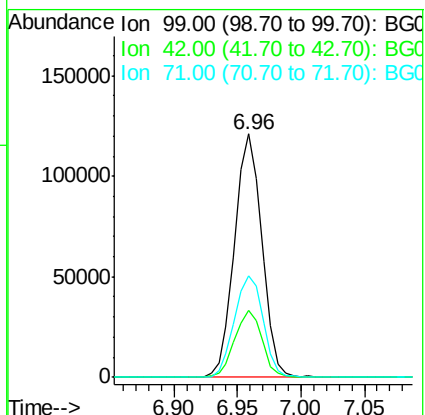
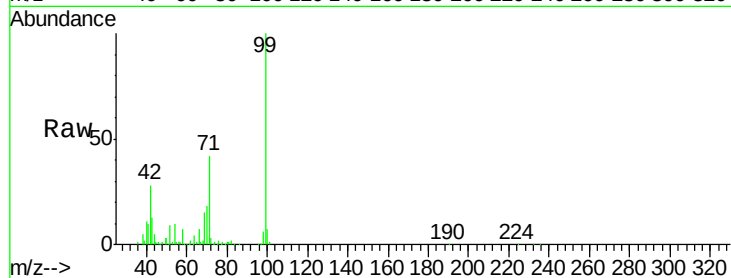
Tgt Ion: 99 Resp: 180060

Ion Ratio Lower Upper

99 100

42 27.5 22.1 33.1

71 41.7 33.4 50.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.58 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BG016984.D

Acq: 9 May 2015 9:23

Tgt Ion: 136 Resp: 230792

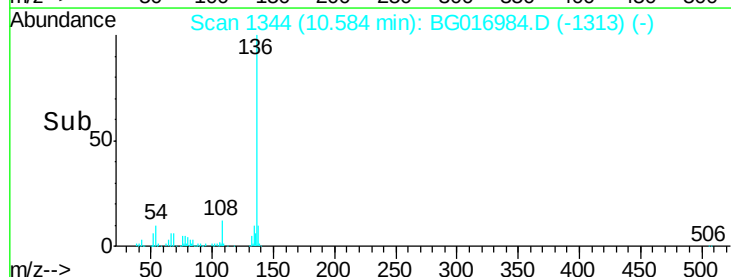
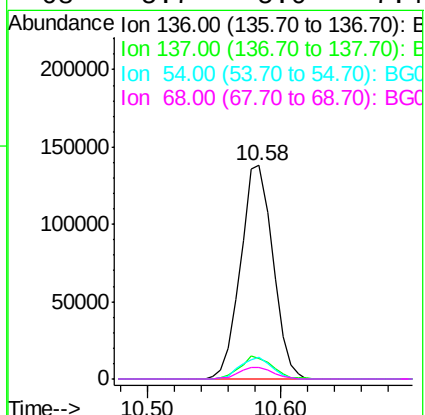
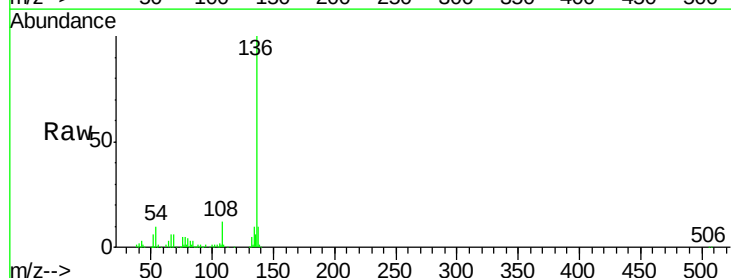
Ion Ratio Lower Upper

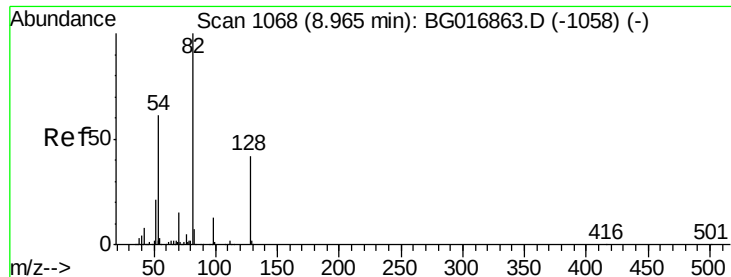
136 100

137 9.5 9.8 14.8#

54 9.9 8.7 13.1

68 5.7 5.0 7.4

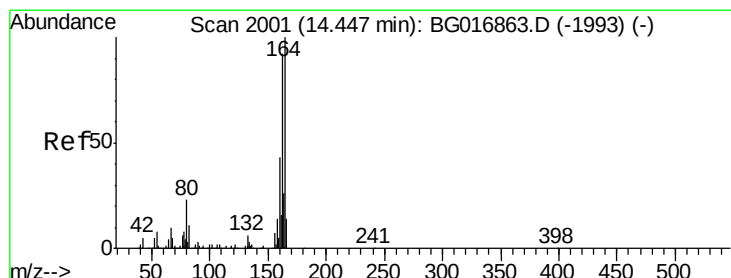
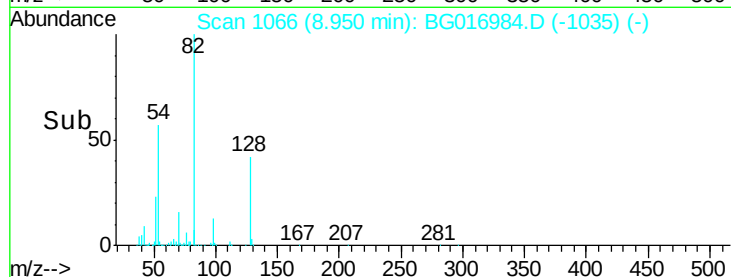
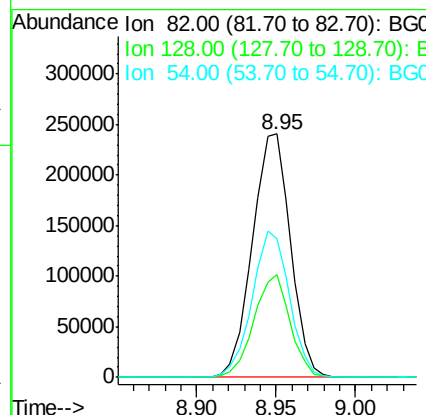
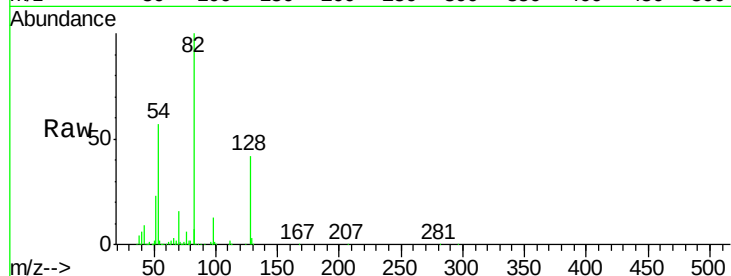




#23
 Nitrobenzene-d5
 Concen: 85.35 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.02 min
 Lab File: BG016984.D
 Acq: 9 May 2015 9:23

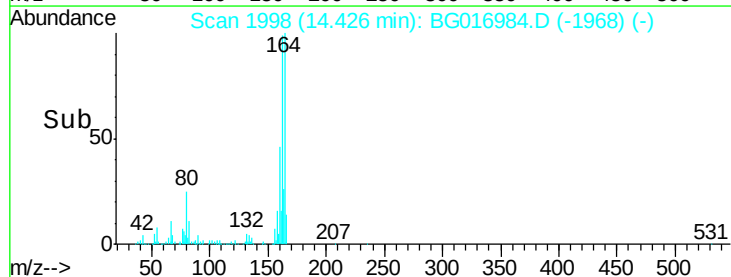
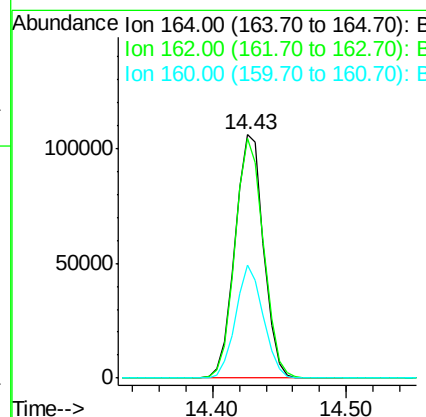
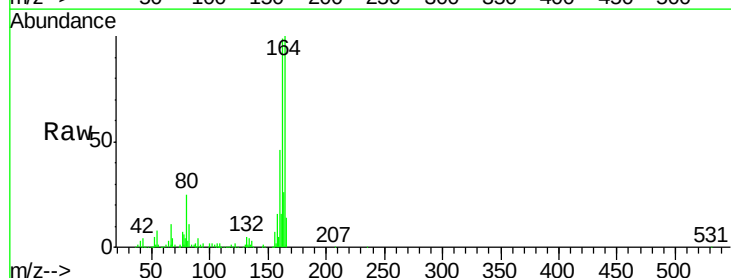
Instrument :
 BNA_G
 ClientSampleId :
 MWHR2-8

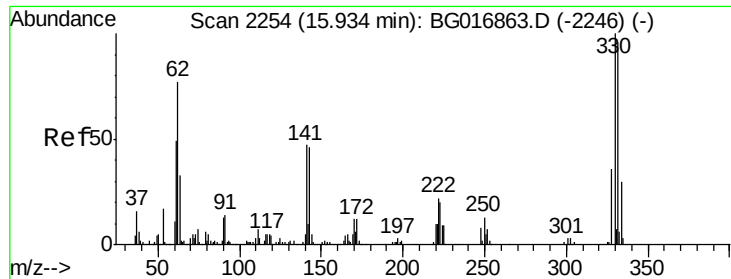
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.2	49.8
54	57.0	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BG016984.D
 Acq: 9 May 2015 9:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.5	74.0	111.0
160	46.3	34.7	52.1

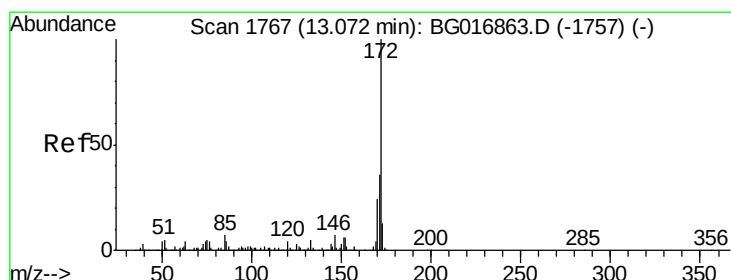
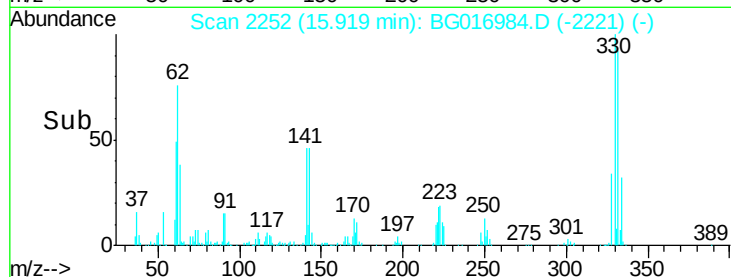
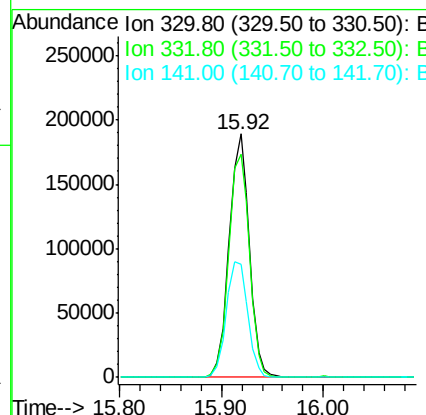
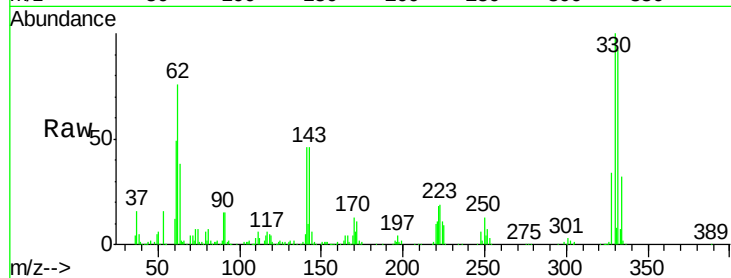




#41
 2,4,6-Tribromophenol
 Concen: 164.44 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.02 min
 Lab File: BG016984.D
 Acq: 9 May 2015 9:23

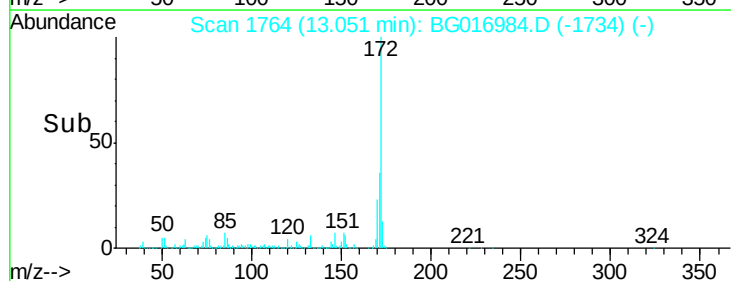
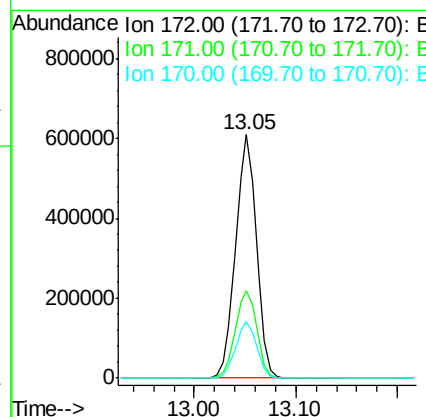
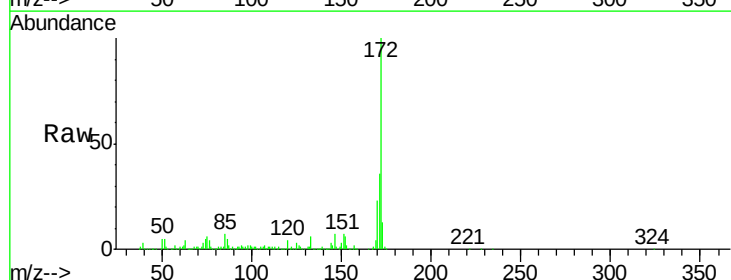
Instrument :
 BNA_G
 ClientSampleId :
 MWHR2-8

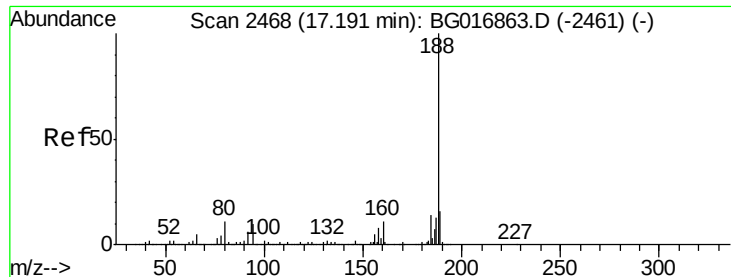
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	0.0	0.0#
141	50.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 82.55 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016984.D
 Acq: 9 May 2015 9:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.5	19.0	28.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG016984.D

Acq: 9 May 2015 9:23

Instrument :

BNA_G

ClientSampleId :

MWHR2-8

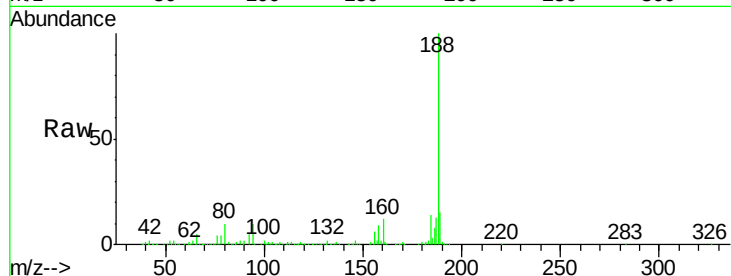
Tgt Ion:188 Resp: 369429

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

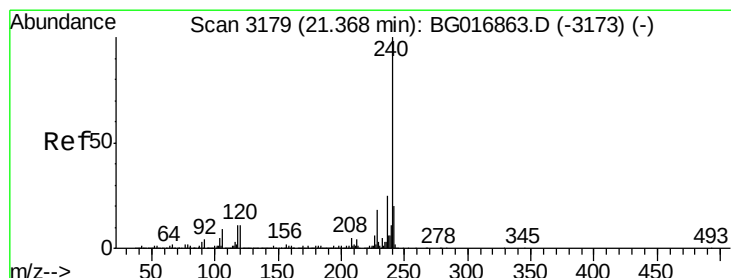
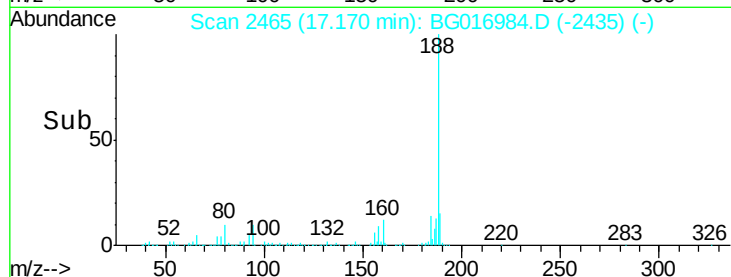
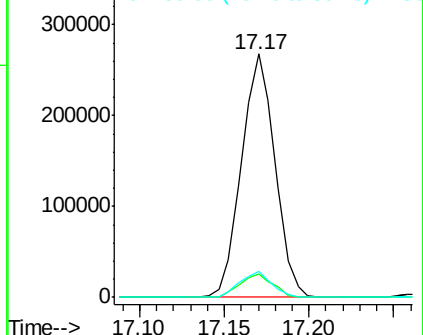
80 10.5 8.8 13.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG016984.D

Acq: 9 May 2015 9:23

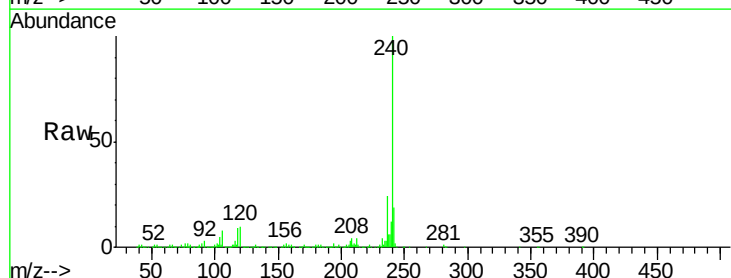
Tgt Ion:240 Resp: 376700

Ion Ratio Lower Upper

240 100

120 9.7 9.1 13.7

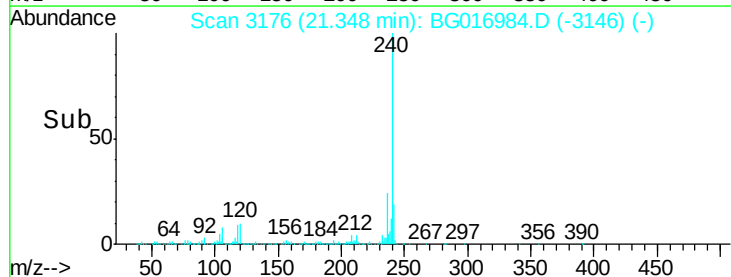
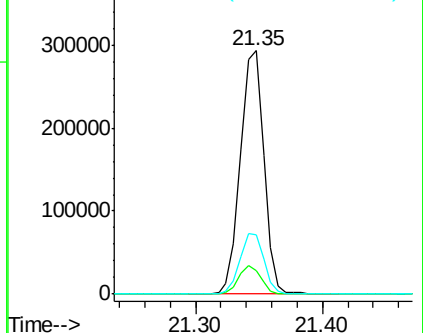
236 24.4 20.2 30.4

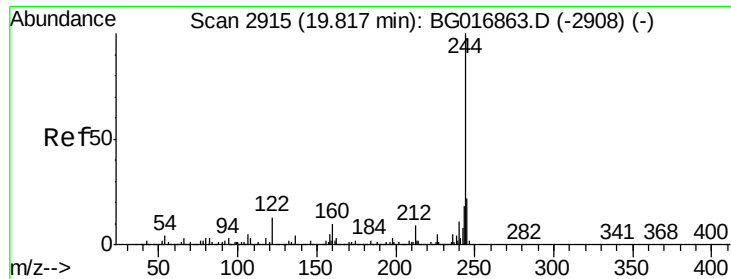


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.10 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016984.D

Acq: 9 May 2015 9:23

Instrument :

BNA_G

ClientSampleId :

MWHR2-8

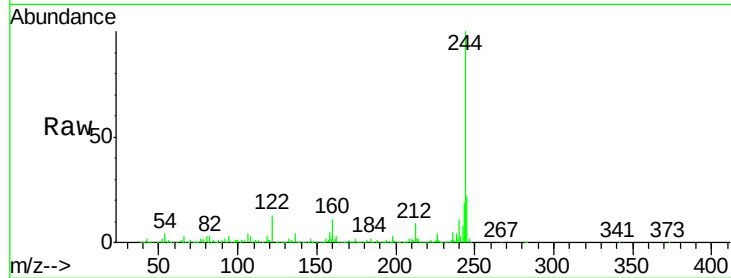
Tgt Ion:244 Resp: 1415744

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

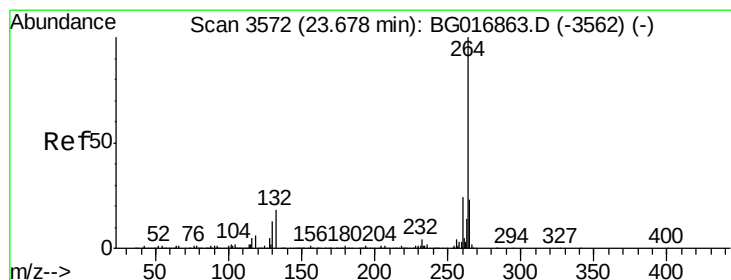
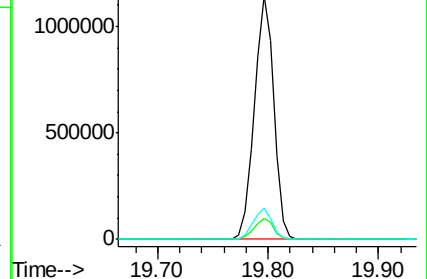
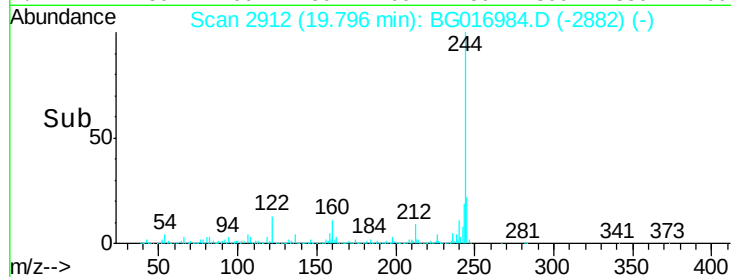
122 12.9 10.4 15.6



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: BG016984.D

Acq: 9 May 2015 9:23

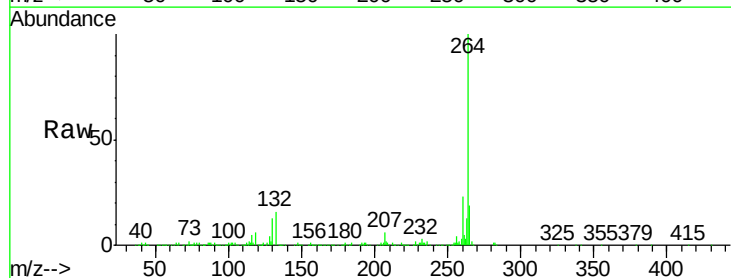
Tgt Ion:264 Resp: 369973

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 19.0 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

