

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016985.D
 Acq On : 9 May 2015 9:57
 Operator : TP/IZ
 Sample : G2081-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-8

Quant Time: May 11 01:20:37 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

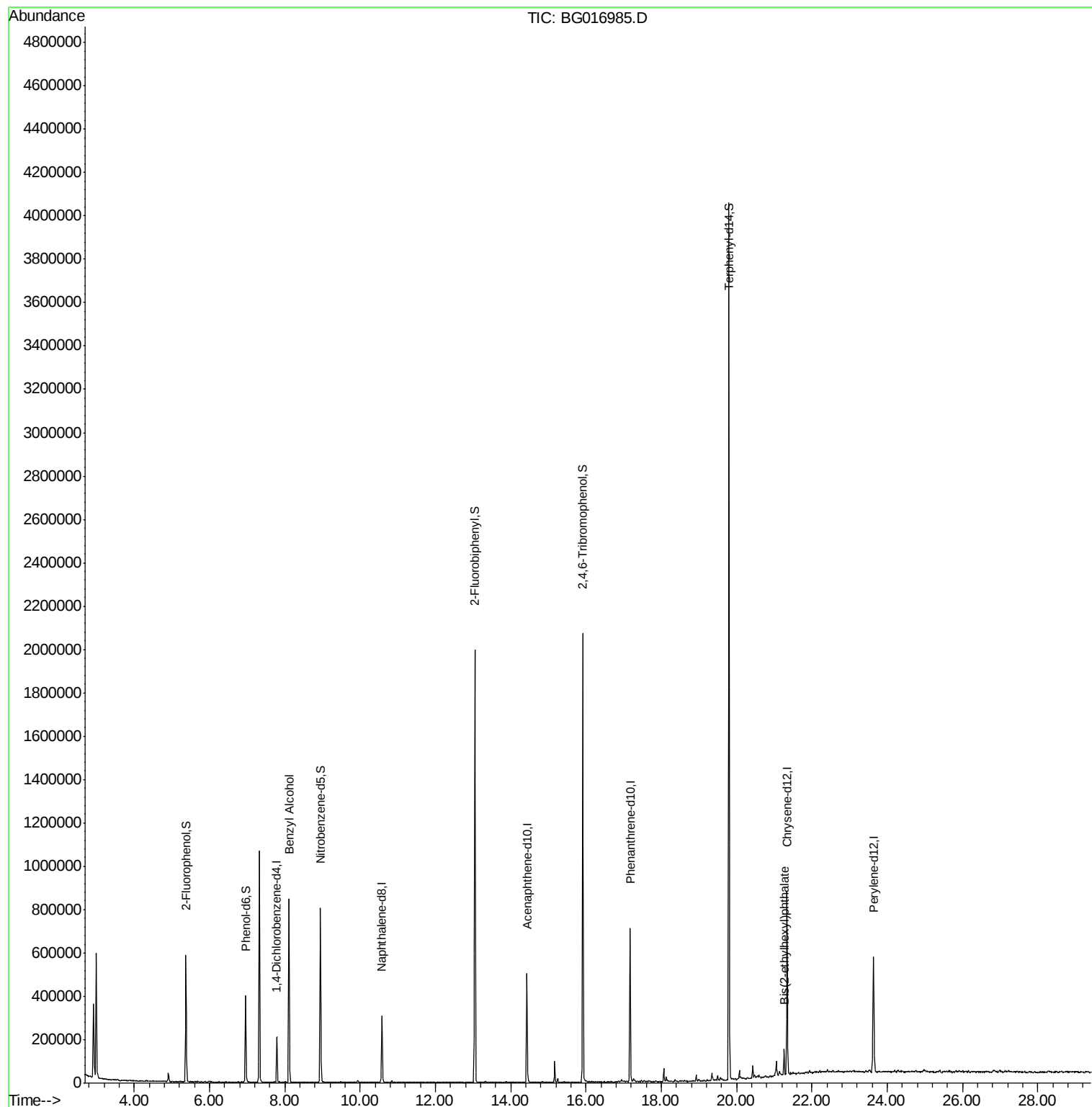
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	51172	20.00	ng	-0.01
21) Naphthalene-d8	10.58	136	228791	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	154722	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	371550	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	367458	20.00	ng	-0.03
86) Perylene-d12	23.64	264	364194	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	202723	68.98	ng	-0.01
7) Phenol-d6	6.96	99	182766	43.53	ng	0.00
23) Nitrobenzene-d5	8.95	82	416111	88.85	ng	-0.02
41) 2,4,6-Tribromophenol	15.91	330	292198	188.12	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	918979	89.63	ng	-0.02
78) Terphenyl-d14	19.80	244	1529205	97.56	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.11	79	8089	2.11	ng	# 63
32) Benzoic acid	9.87	122	82	Below Cal		# 1
83) Bis(2-ethylhexyl)phthalate	21.26	149	33451	2.37	ng	# 96

(#) = 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. -0.01 min

Lab File: BG016985.D

Acq: 9 May 2015 9:57

Instrument :

BNA_G

ClientSampleId :

MWHR3-8

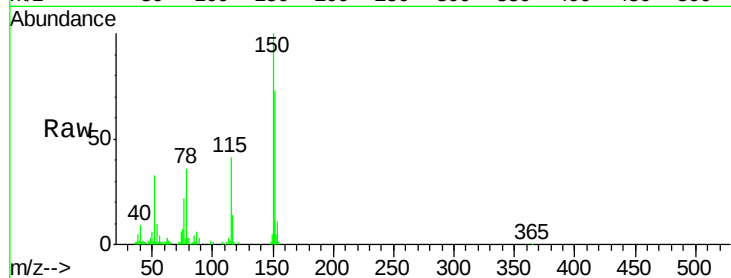
Tgt Ion:152 Resp: 51172

Ion Ratio Lower Upper

152 100

150 137.3 121.0 181.4

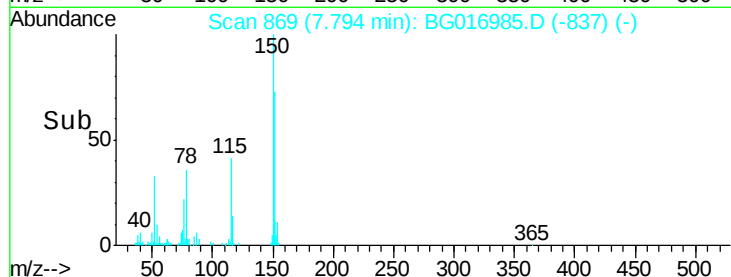
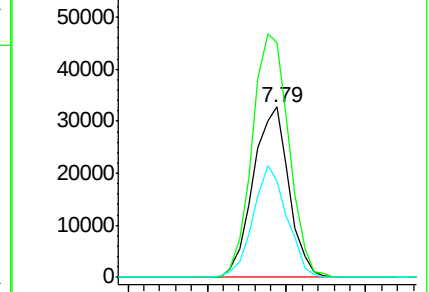
115 56.7 50.5 75.7



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: 68.98 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016985.D

Acq: 9 May 2015 9:57

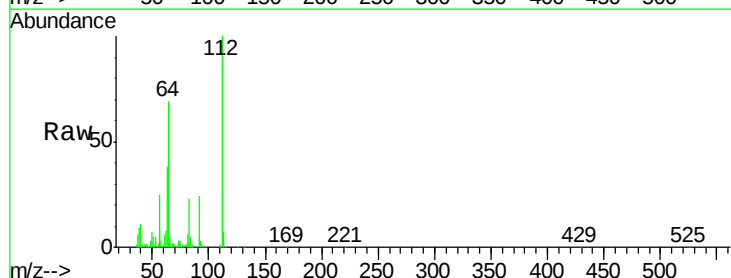
Tgt Ion:112 Resp: 202723

Ion Ratio Lower Upper

112 100

64 69.4 51.4 77.2

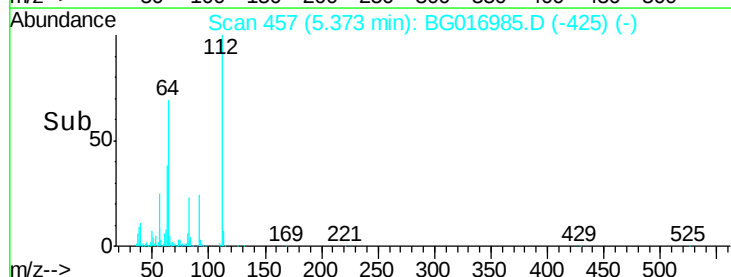
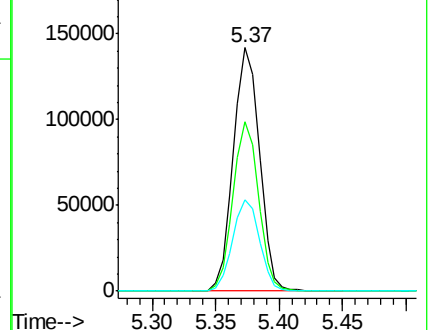
63 37.5 28.1 42.1



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: 43.53 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016985.D

Acq: 9 May 2015 9:57

Instrument :

BNA_G

ClientSampleId :

MWHR3-8

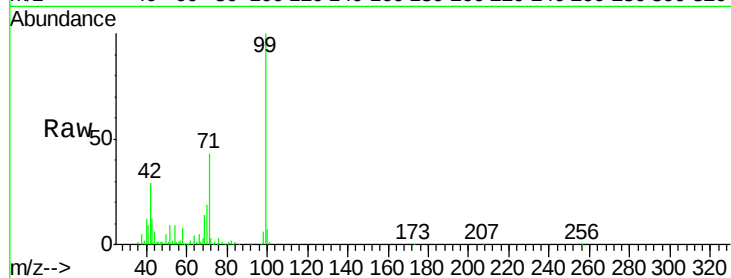
Tgt Ion: 99 Resp: 182766

Ion Ratio Lower Upper

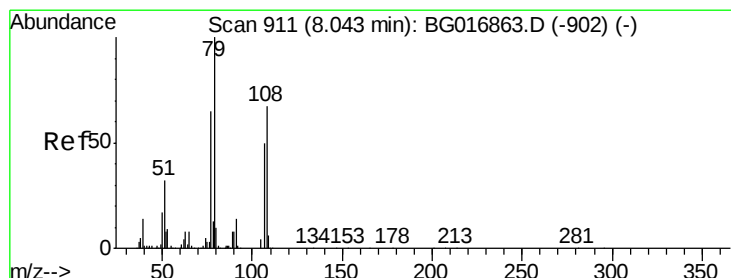
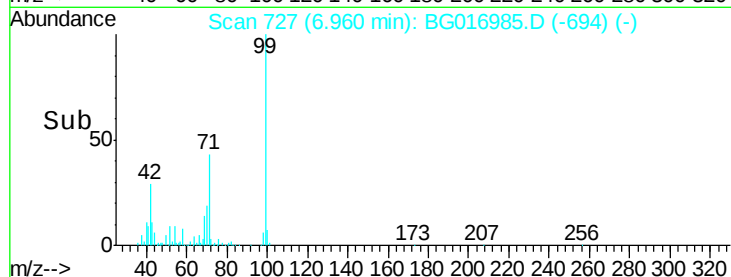
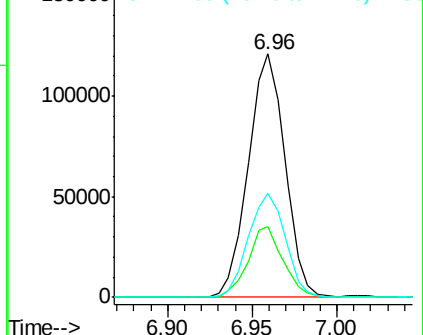
99 100

42 28.8 22.1 33.1

71 42.5 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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 8.11 min Scan# 923

Delta R.T. 0.07 min

Lab File: BG016985.D

Acq: 9 May 2015 9:57

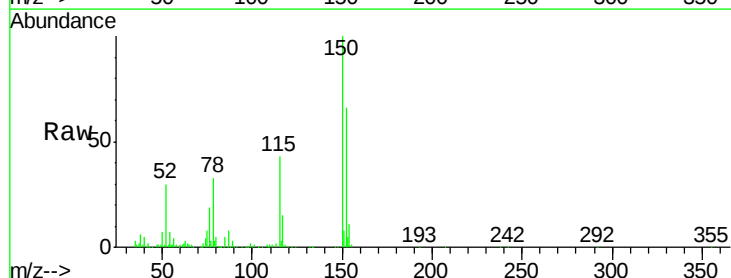
Tgt Ion: 79 Resp: 8089

Ion Ratio Lower Upper

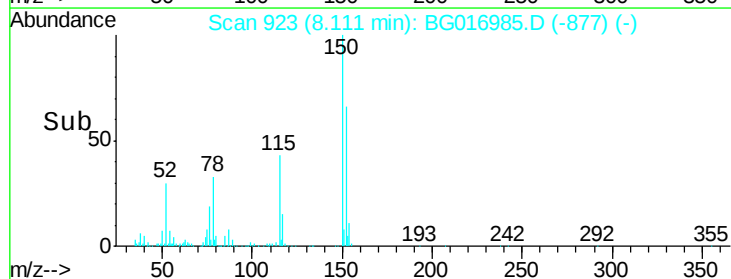
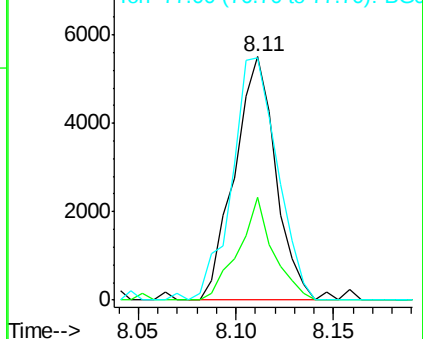
79 100

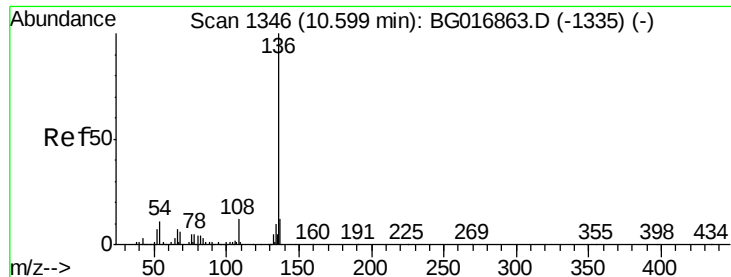
108 42.1 53.4 80.2#

77 99.7 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

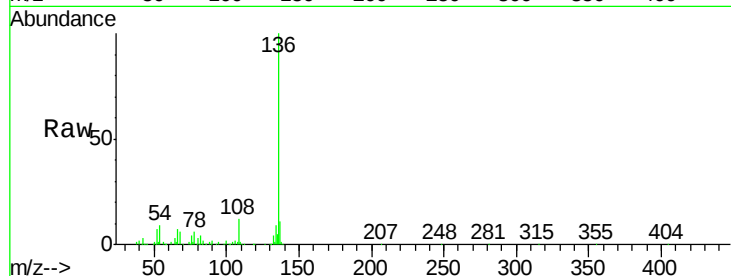




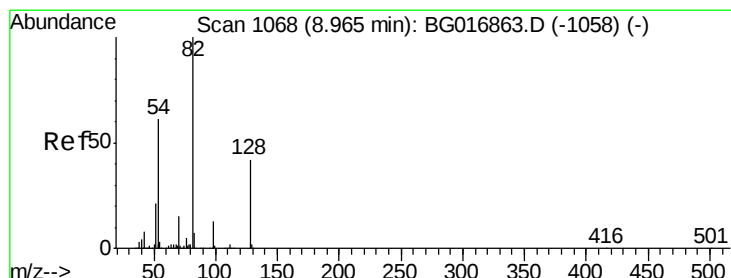
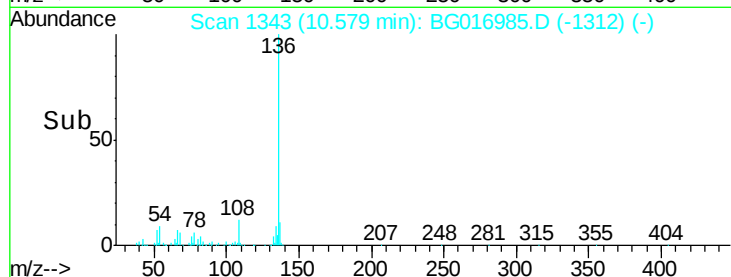
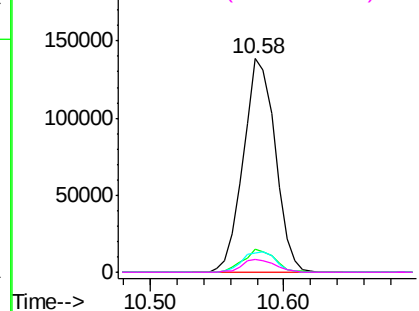
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG016985.D
Acq: 9 May 2015 9:57

Instrument :
BNA_G
ClientSampleId :
MWHR3-8

Tgt Ion:	136	Resp:	228791
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.8
54	9.1	8.7	13.1
68	6.3	5.0	7.4

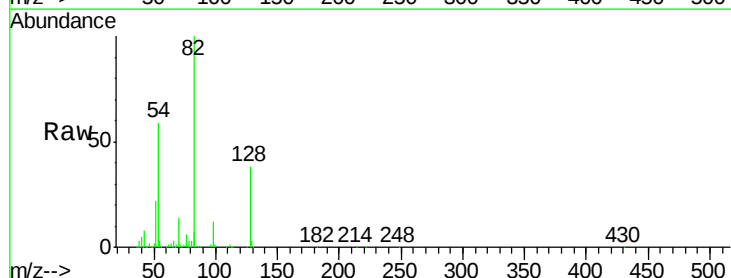


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

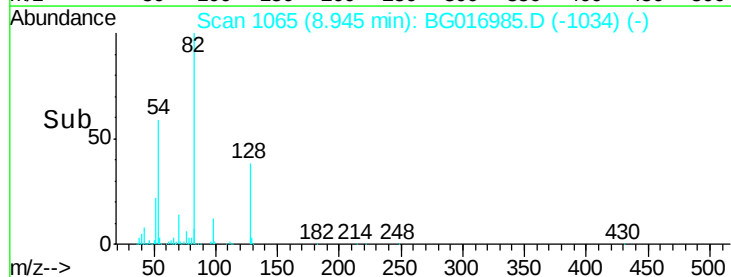
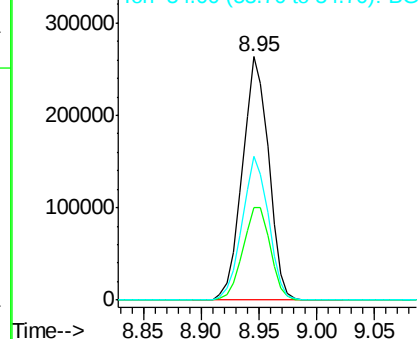


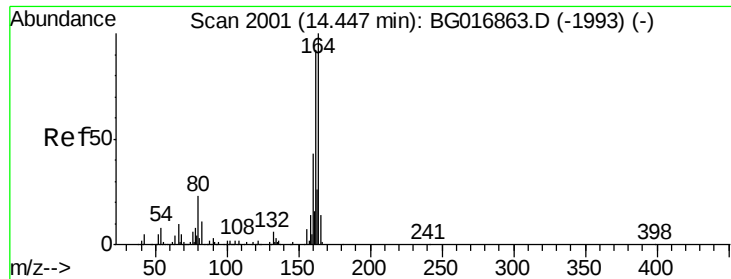
#23
Nitrobenzene-d5
Concen: 88.85 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG016985.D
Acq: 9 May 2015 9:57

Tgt Ion:	82	Resp:	416111
Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.2	49.8
54	59.1	48.6	72.8



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BG016985.D

Acq: 9 May 2015 9:57

Instrument :

BNA_G

ClientSampleId :

MWHR3-8

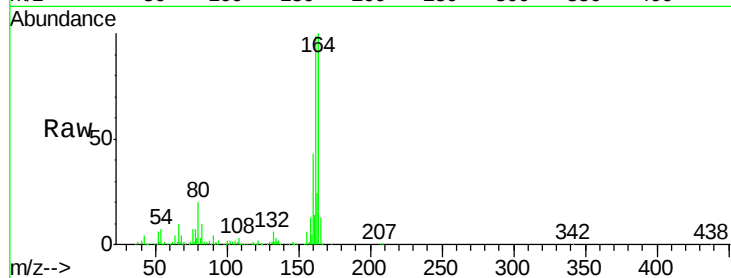
Tgt Ion:164 Resp: 154722

Ion Ratio Lower Upper

164 100

162 99.4 74.0 111.0

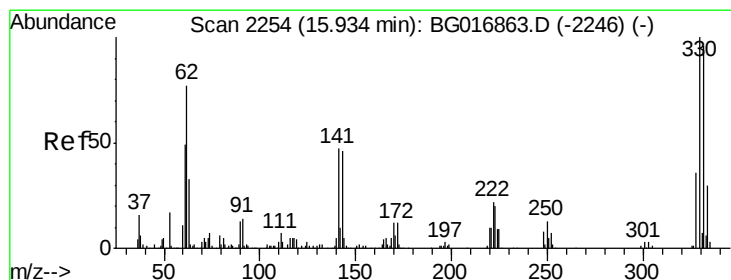
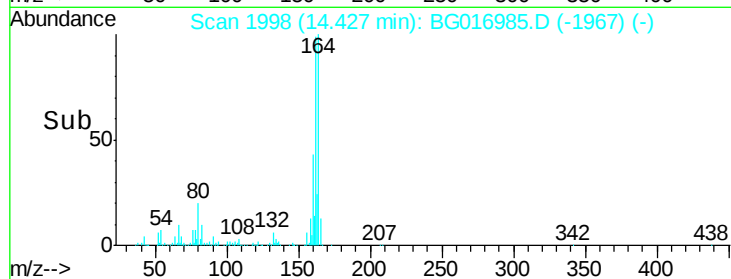
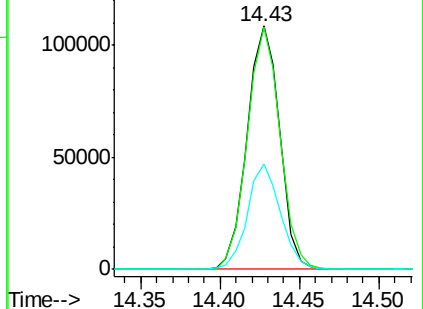
160 43.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 188.12 ng

RT: 15.91 min Scan# 2251

Delta R.T. -0.02 min

Lab File: BG016985.D

Acq: 9 May 2015 9:57

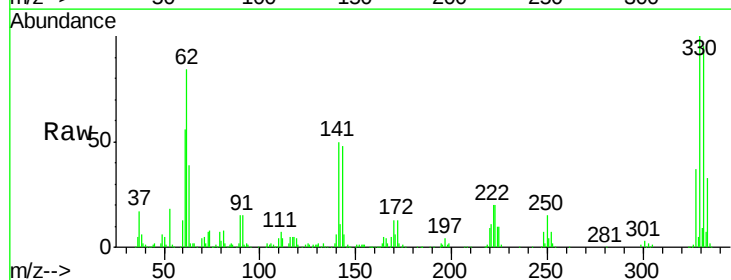
Tgt Ion:330 Resp: 292198

Ion Ratio Lower Upper

330 100

332 94.2 0.0 0.0#

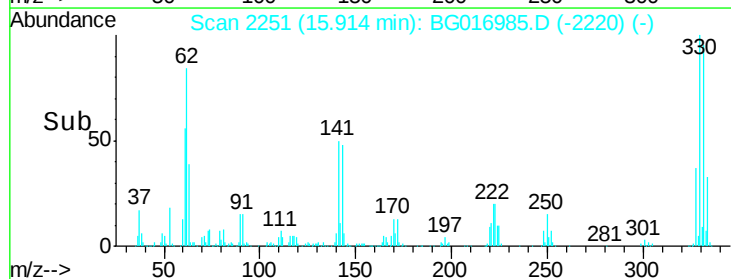
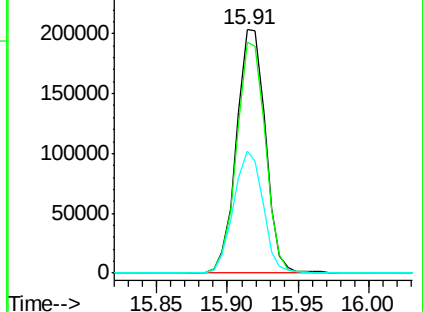
141 50.9 0.0 0.0#

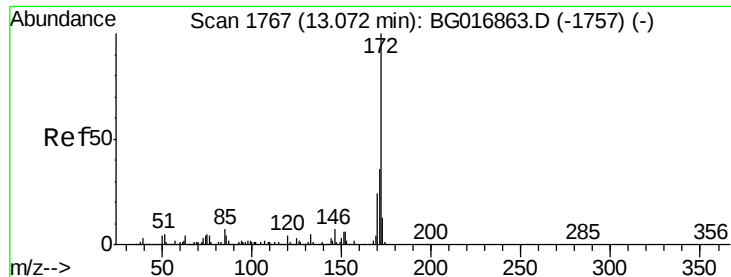


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

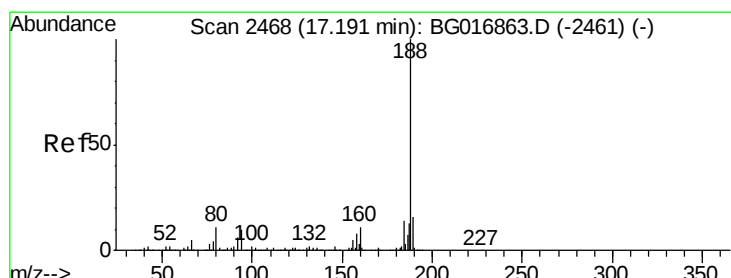
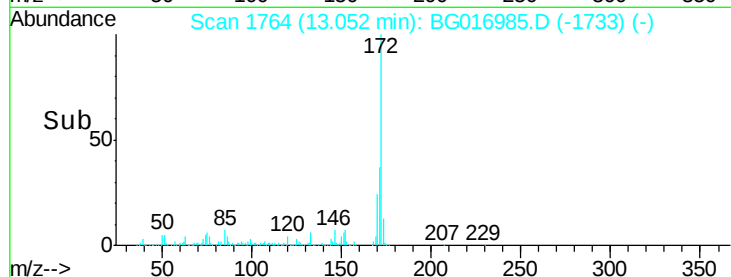
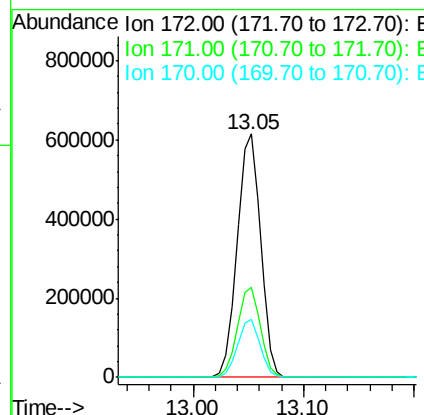
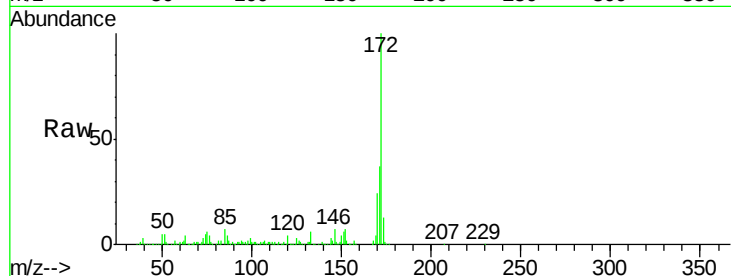




#44
 2-Fluorobiphenyl
 Concen: 89.63 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016985.D
 Acq: 9 May 2015 9:57

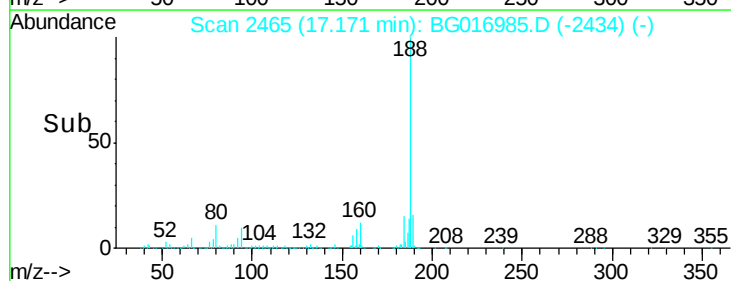
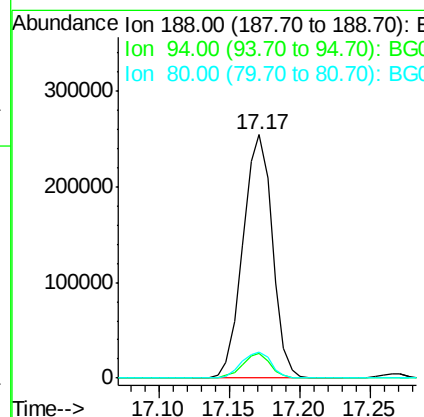
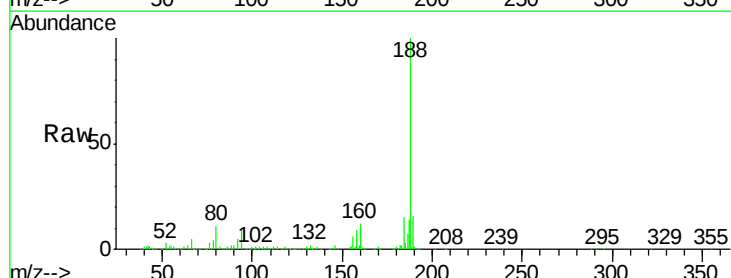
Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-8

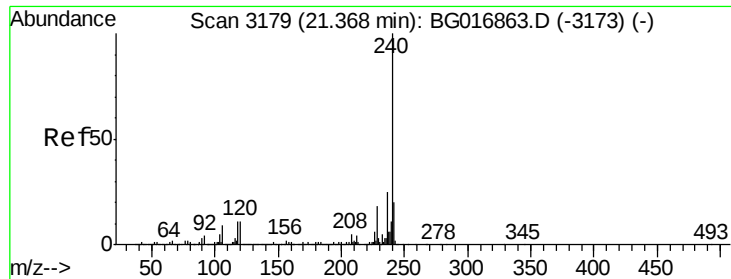
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.4
170	24.0	19.0	28.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.17 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BG016985.D
 Acq: 9 May 2015 9:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.4
80	10.9	8.8	13.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG016985.D

Acq: 9 May 2015 9:57

Instrument :

BNA_G

ClientSampleId :

MWHR3-8

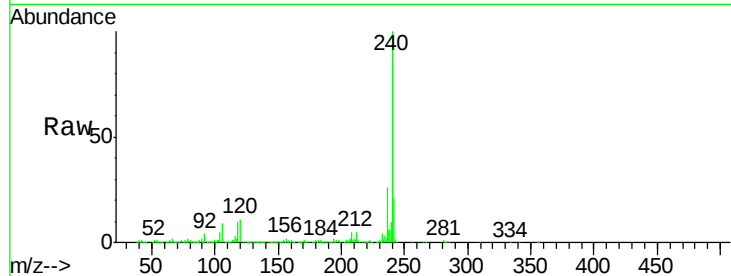
Tgt Ion:240 Resp: 367458

Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

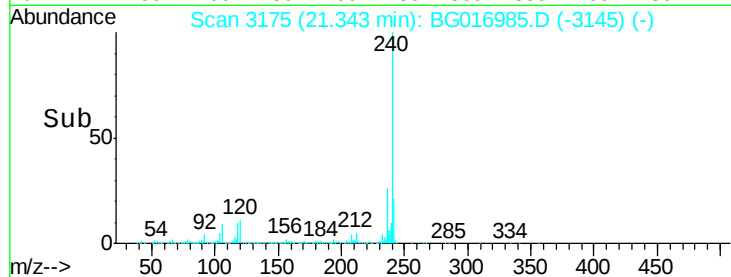
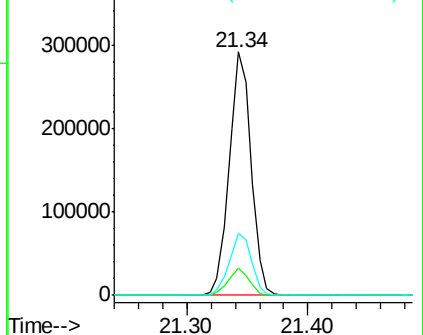
236 25.6 20.2 30.4



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: 97.56 ng

RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

Lab File: BG016985.D

Acq: 9 May 2015 9:57

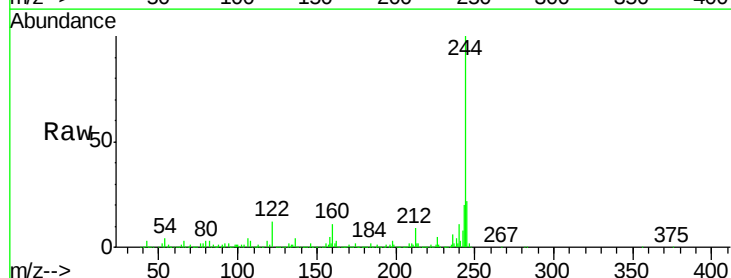
Tgt Ion:244 Resp: 1529205

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

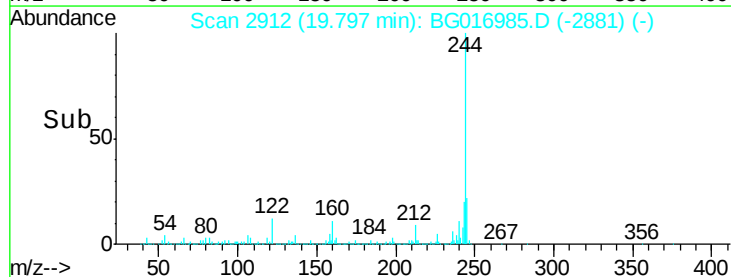
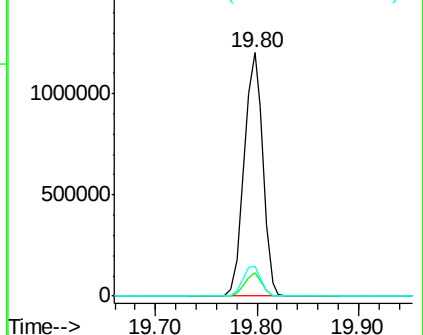
122 12.3 10.4 15.6

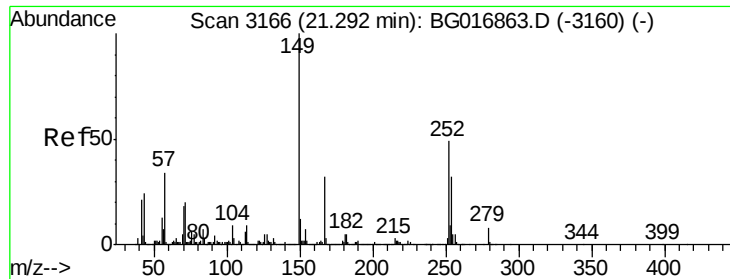


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

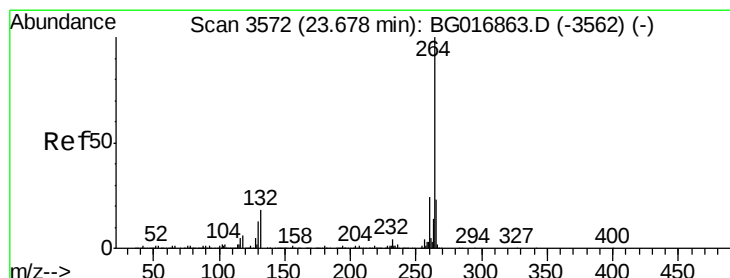
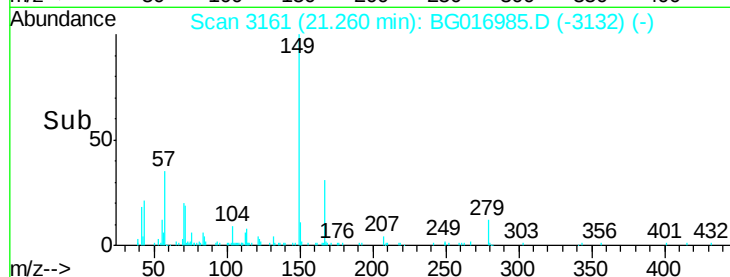
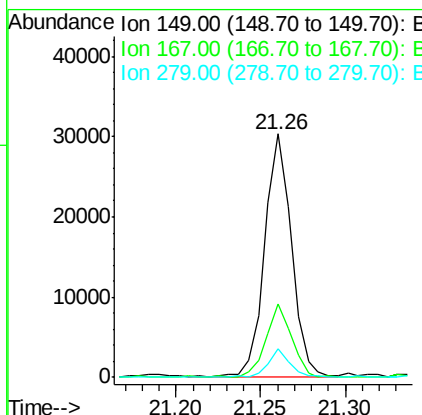
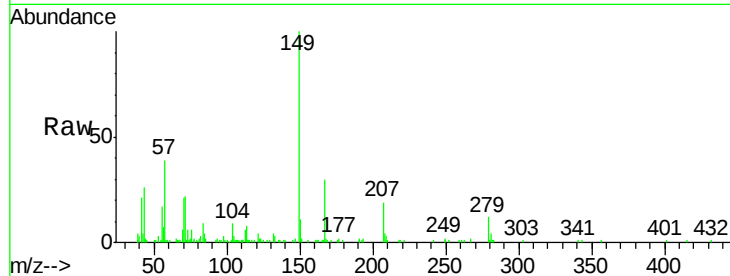




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.37 ng
 RT: 21.26 min Scan# 3161
 Delta R.T. -0.03 min
 Lab File: BG016985.D
 Acq: 9 May 2015 9:57

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-8

Tgt Ion:149 Resp: 33451
 Ion Ratio Lower Upper
 149 100
 167 30.4 25.4 38.0
 279 11.7 6.4 9.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.64 min Scan# 3566
 Delta R.T. -0.04 min
 Lab File: BG016985.D
 Acq: 9 May 2015 9:57

Tgt Ion:264 Resp: 364194
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.2 18.5 27.7

