

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110316\
 Data File : BG024673.D
 Acq On : 4 Nov 2016 8:53
 Operator : UM/SJ
 Sample : H5509-19
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-89-7.8-10.0

Quant Time: Nov 04 11:33:46 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

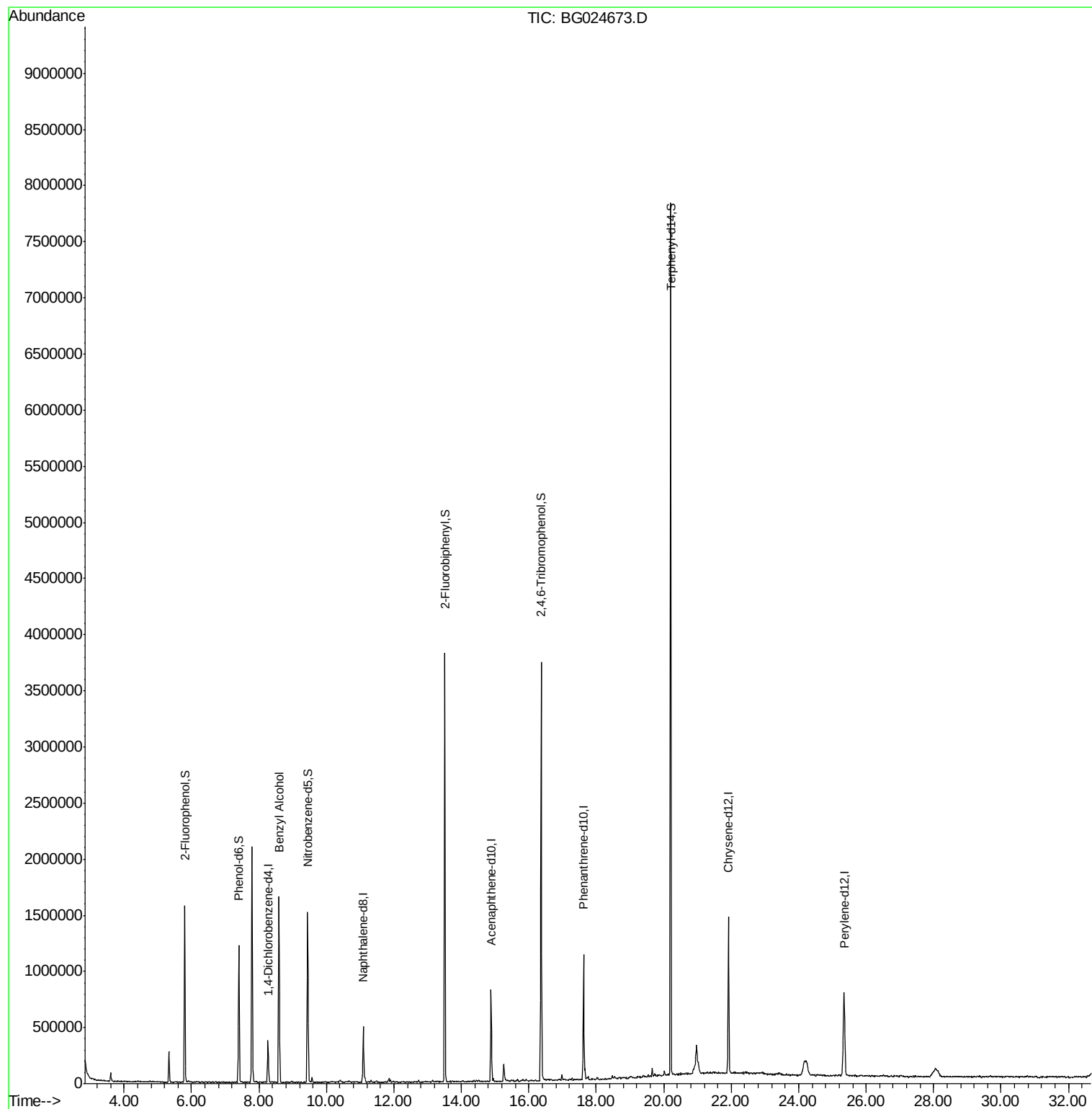
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	95848	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	390602	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	305619	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	702443	20.00	ng	0.00
75) Chrysene-d12	21.91	240	935279	20.00	ng	-0.02
86) Perylene-d12	25.35	264	965899	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	633359	108.30	ng	0.00
7) Phenol-d6	7.40	99	667652	83.23	ng	0.00
23) Nitrobenzene-d5	9.44	82	945709	110.23	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	759222	166.28	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1917203	104.27	ng	0.00
78) Terphenyl-d14	20.21	244	3113845	99.48	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.60	79	17654	2.37	ng	Qvalue # 80

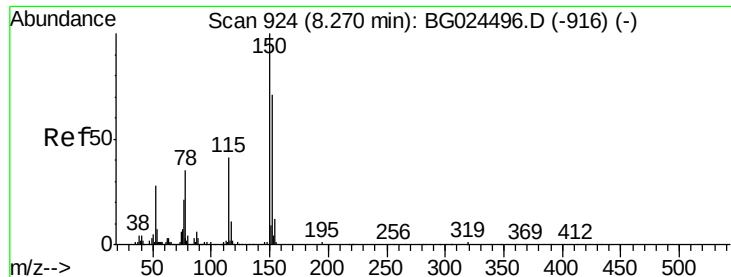
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG024673.D

Acq: 4 Nov 2016 8:53

Instrument :

BNA_G

ClientSampleId :

GW-89-7.8-10.0

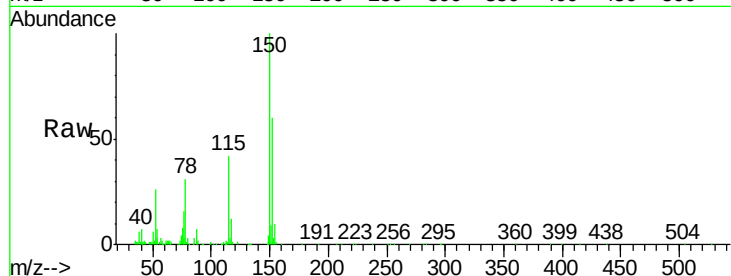
Tgt Ion:152 Resp: 95848

Ion Ratio Lower Upper

152 100

150 165.8 114.0 171.0

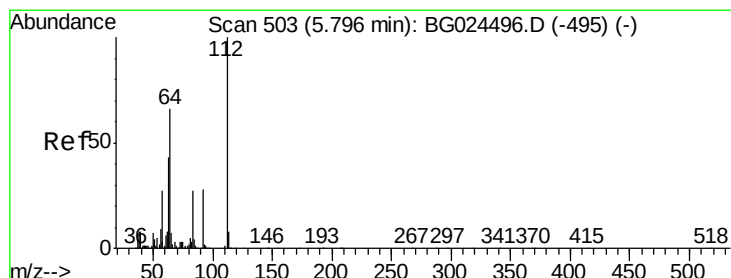
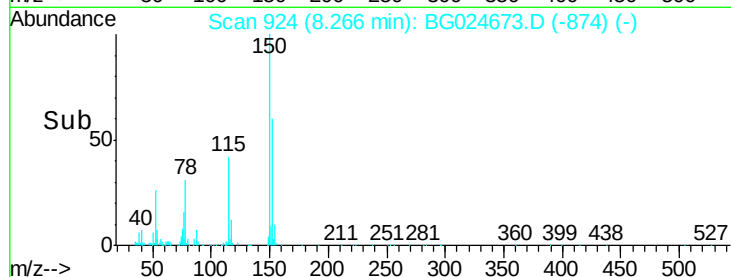
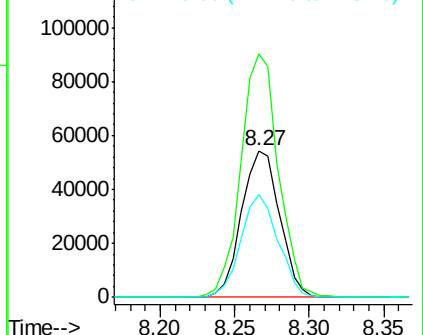
115 70.3 48.1 72.1



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: 108.30 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024673.D

Acq: 4 Nov 2016 8:53

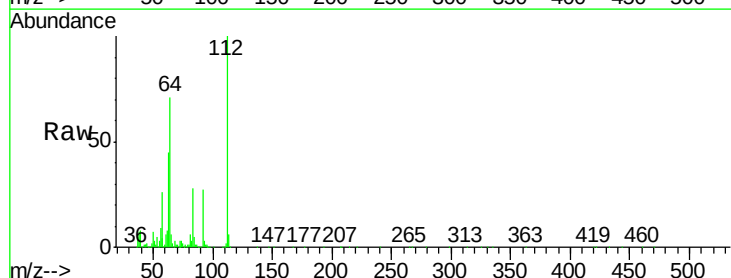
Tgt Ion:112 Resp: 633359

Ion Ratio Lower Upper

112 100

64 70.7 61.8 92.6

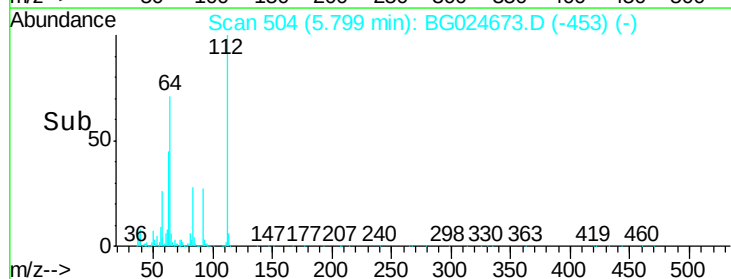
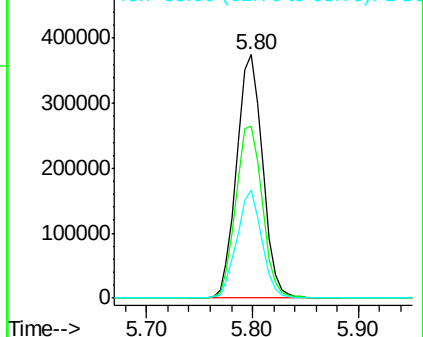
63 44.6 37.2 55.8

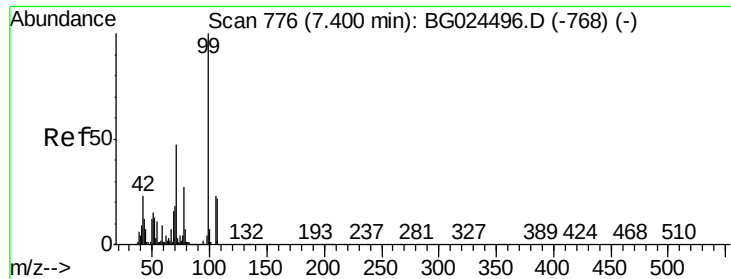


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 83.23 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024673.D

Acq: 4 Nov 2016 8:53

Instrument :

BNA_G

ClientSampleId :

GW-89-7.8-10.0

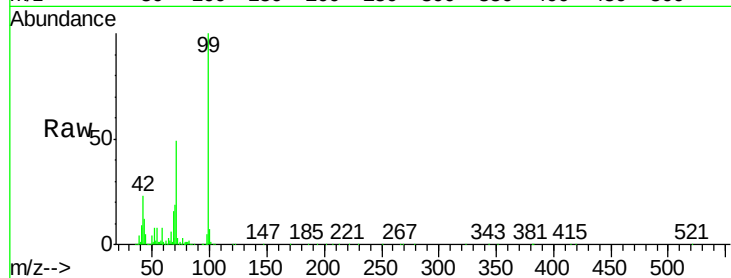
Tgt Ion: 99 Resp: 667652

Ion Ratio Lower Upper

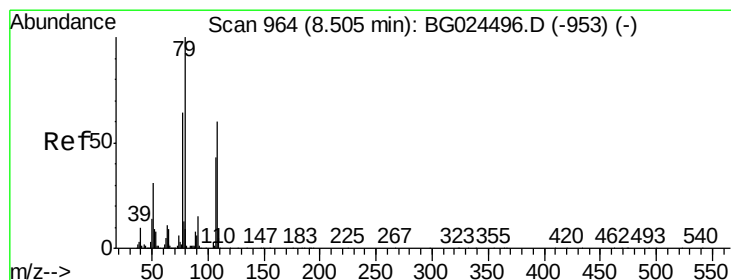
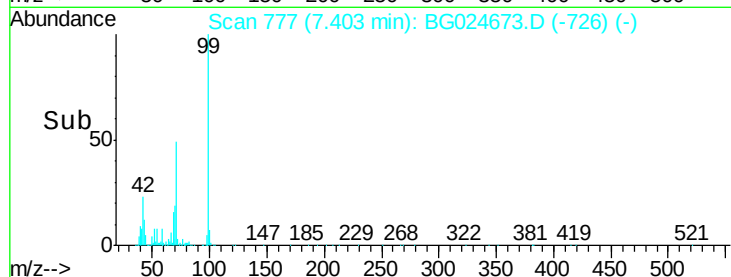
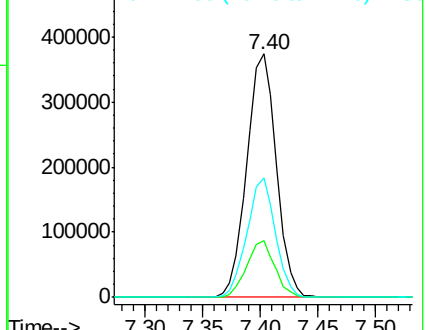
99 100

42 23.1 20.5 30.7

71 49.1 37.6 56.4



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: 2.37 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.09 min

Lab File: BG024673.D

Acq: 4 Nov 2016 8:53

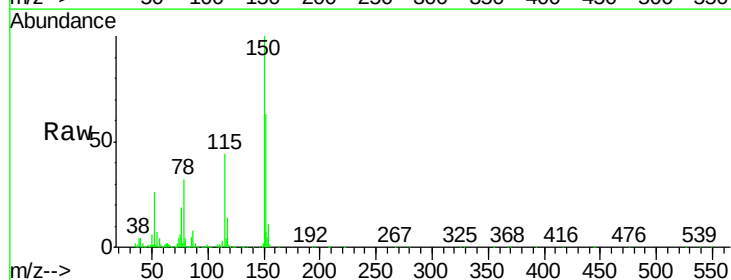
Tgt Ion: 79 Resp: 17654

Ion Ratio Lower Upper

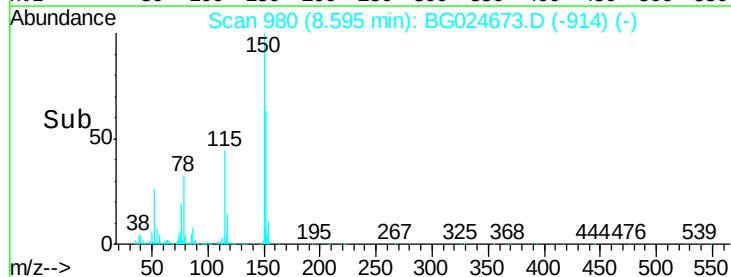
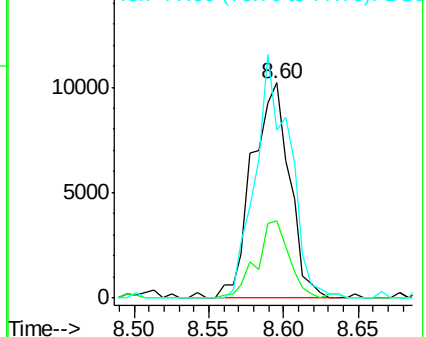
79 100

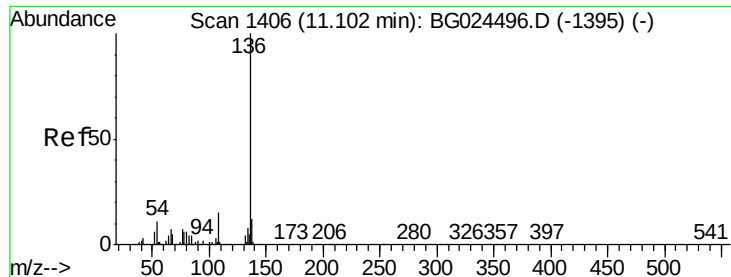
108 35.6 45.5 68.3#

77 78.2 54.3 81.5



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

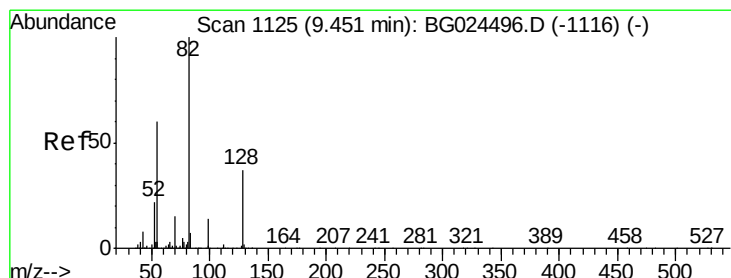
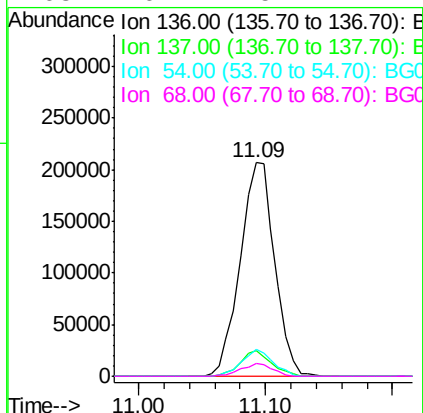
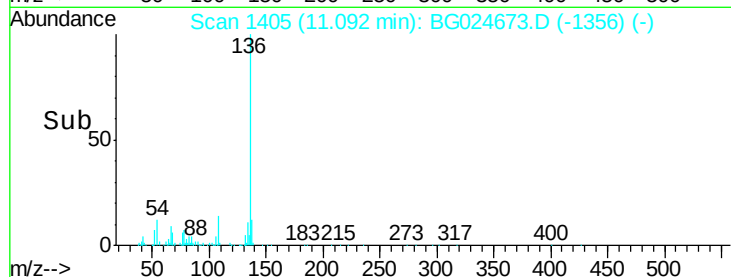
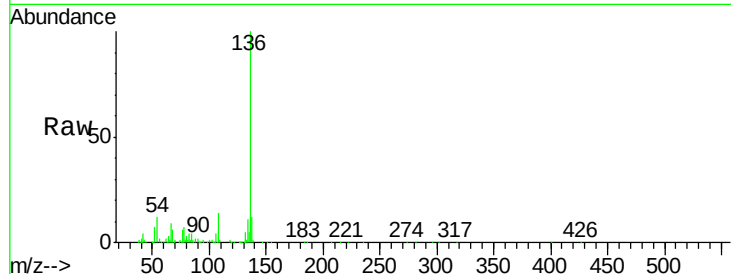




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024673.D
Acq: 4 Nov 2016 8:53

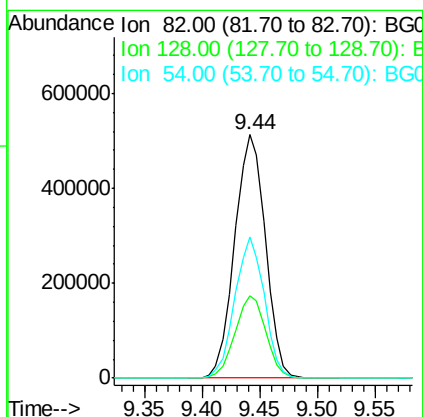
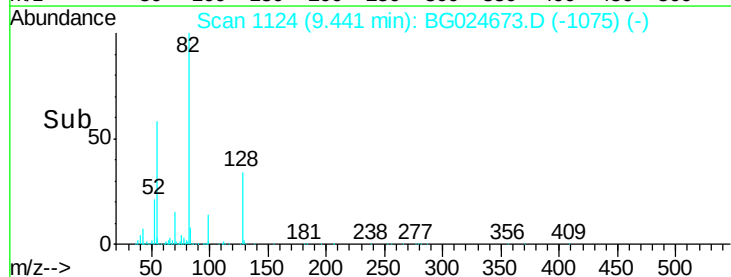
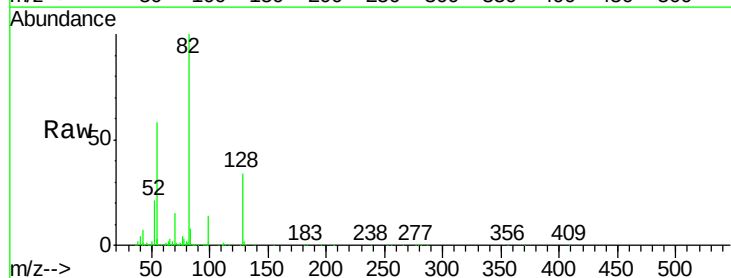
Instrument :
BNA_G
ClientSampleId :
GW-89-7.8-10.0

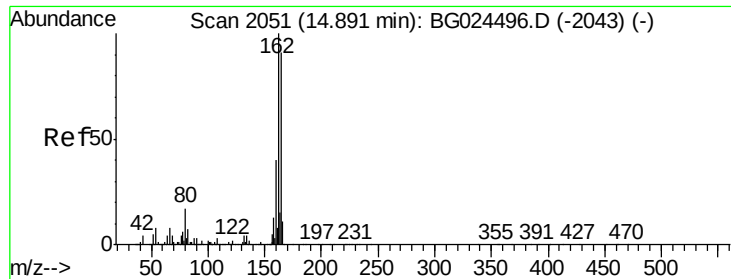
Tgt Ion:	136	Resp:	390602
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	12.3	9.3	13.9
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 110.23 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024673.D
Acq: 4 Nov 2016 8:53

Tgt Ion:	82	Resp:	945709
Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.4	39.6
54	58.0	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024673.D

Acq: 4 Nov 2016 8:53

Instrument :

BNA_G

ClientSampleId :

GW-89-7.8-10.0

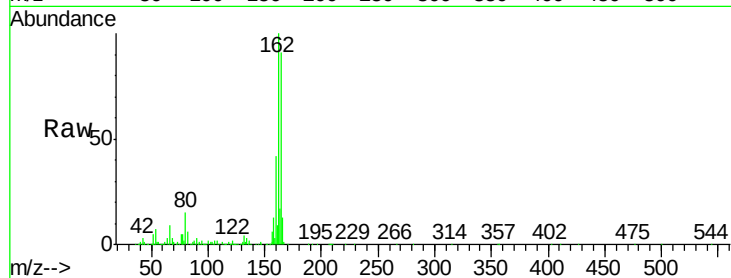
Tgt Ion:164 Resp: 305619

Ion Ratio Lower Upper

164 100

162 109.7 85.1 127.7

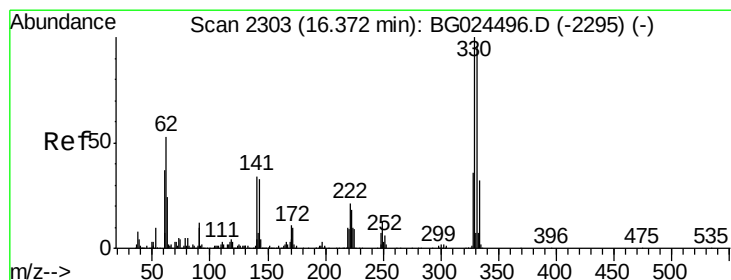
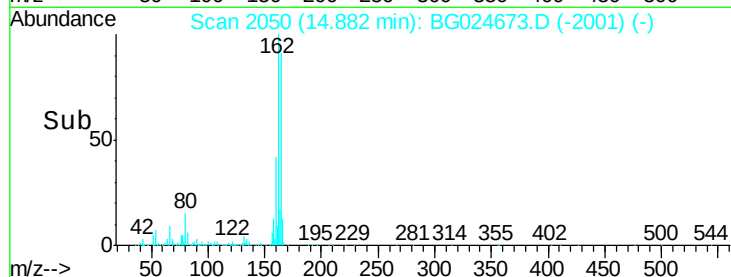
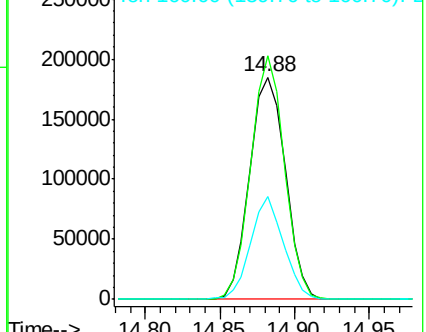
160 46.5 34.7 52.1



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: 166.28 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024673.D

Acq: 4 Nov 2016 8:53

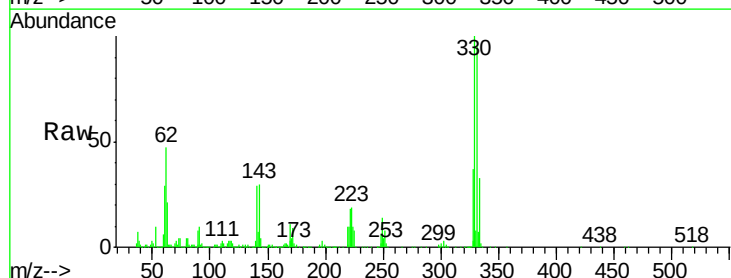
Tgt Ion:330 Resp: 759222

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

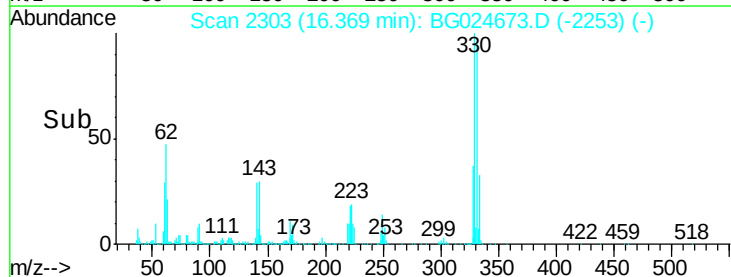
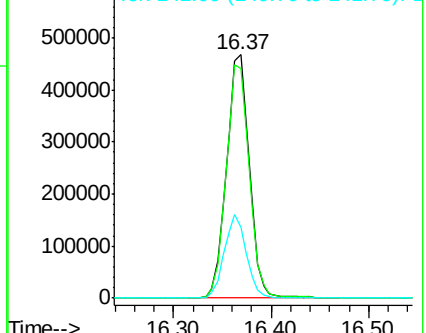
141 33.4 32.1 48.1

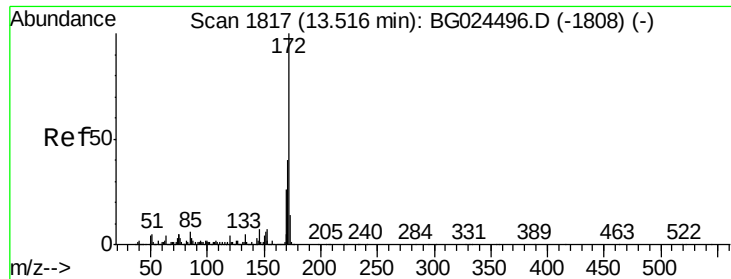


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

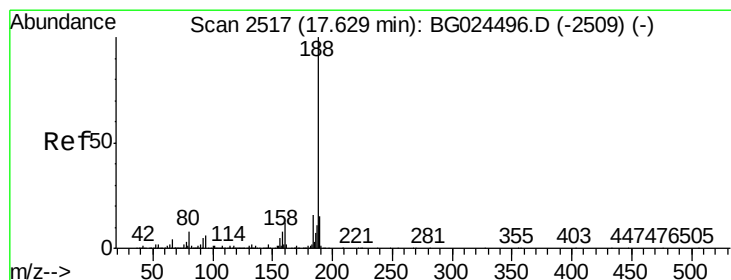
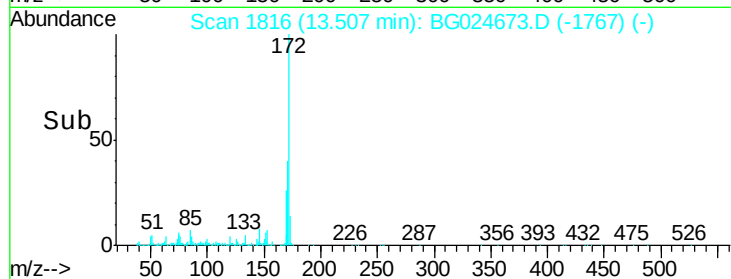
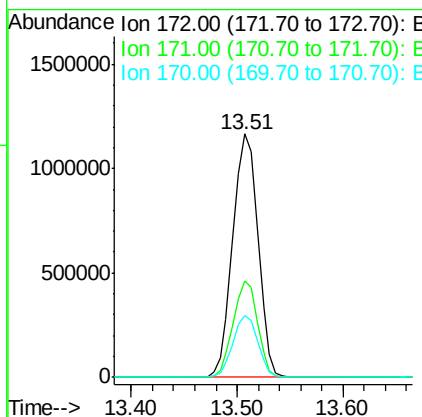
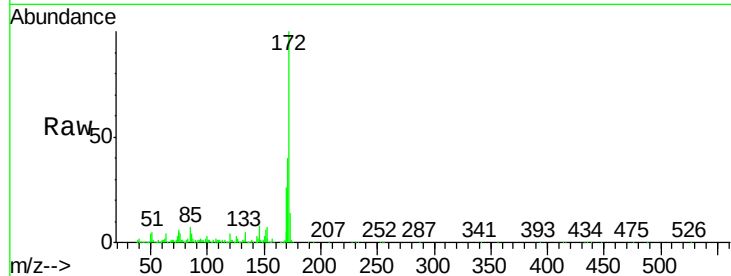




#44
2-Fluorobiphenyl
Concen: 104.27 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024673.D
Acq: 4 Nov 2016 8:53

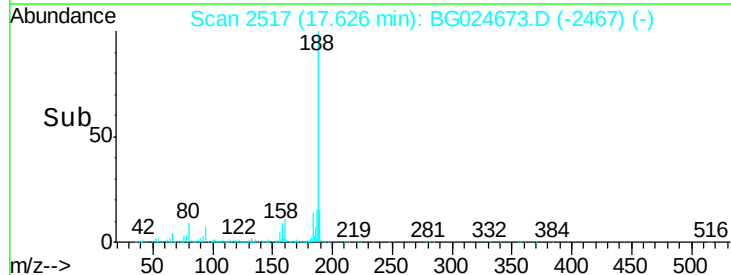
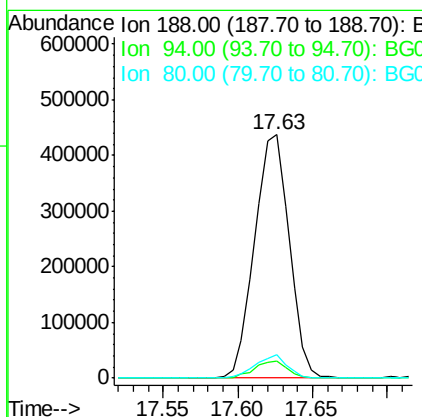
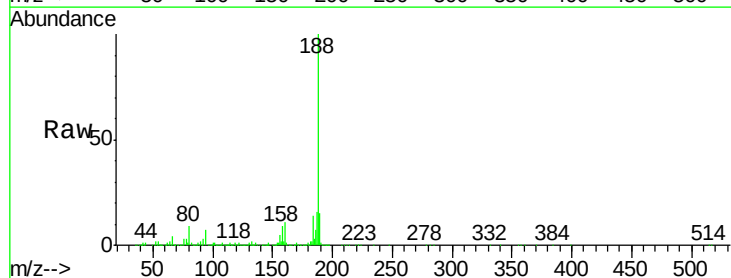
Instrument :
BNA_G
ClientSampleId :
GW-89-7.8-10.0

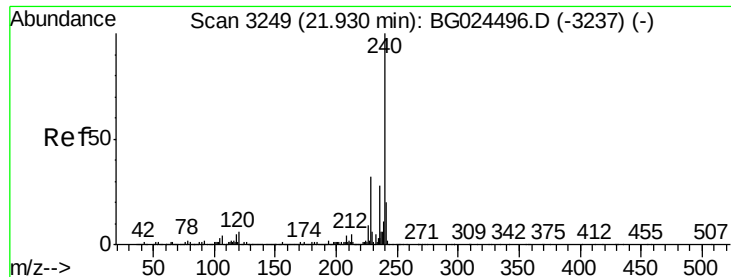
Tgt Ion:172 Resp: 1917203
Ion Ratio Lower Upper
172 100
171 39.6 32.2 48.2
170 25.6 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024673.D
Acq: 4 Nov 2016 8:53

Tgt Ion:188 Resp: 702443
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 9.4 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.91 min Scan# 3247

Delta R.T. -0.02 min

Lab File: BG024673.D

Acq: 4 Nov 2016 8:53

Instrument :

BNA_G

ClientSampleId :

GW-89-7.8-10.0

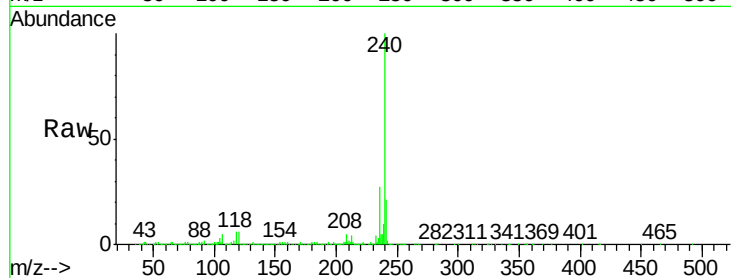
Tgt Ion:240 Resp: 935279

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

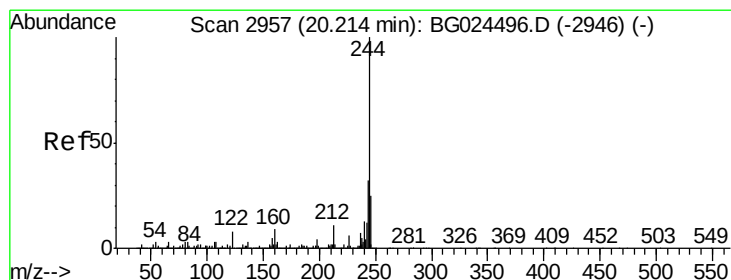
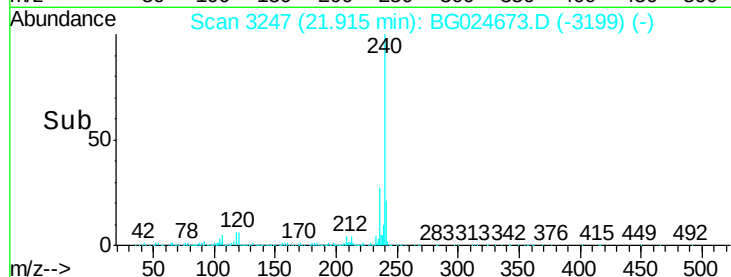
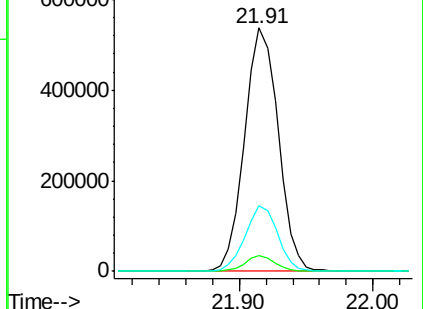
236 27.2 22.2 33.4



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: 99.48 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024673.D

Acq: 4 Nov 2016 8:53

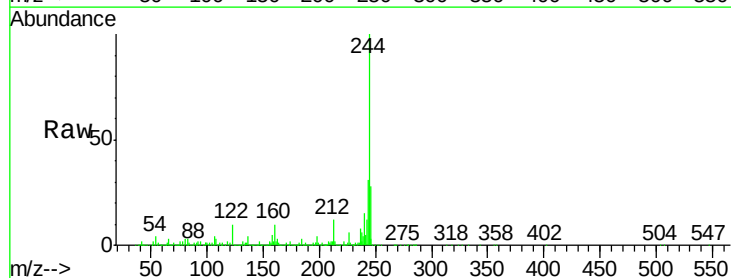
Tgt Ion:244 Resp: 3113845

Ion Ratio Lower Upper

244 100

212 11.7 10.0 15.0

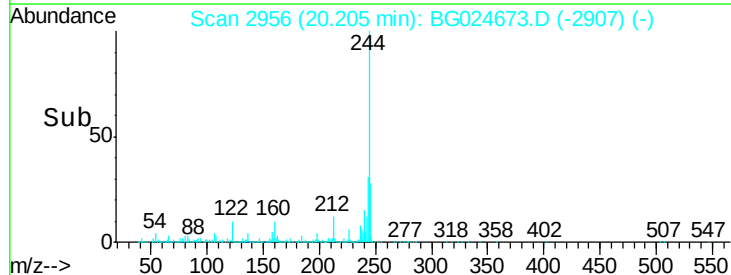
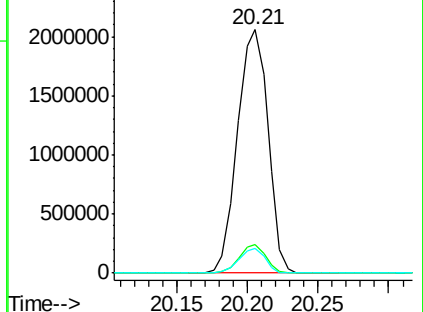
122 10.1 8.6 12.8

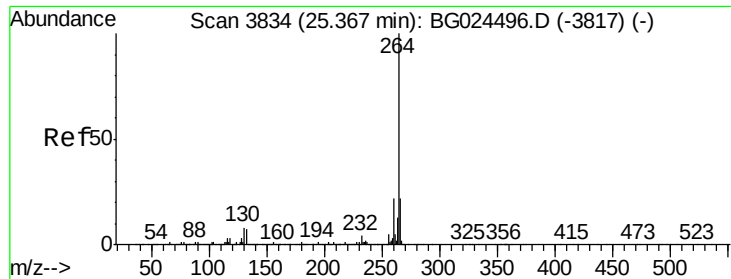


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.35 min Scan# 3832

Delta R.T. -0.02 min

Lab File: BG024673.D

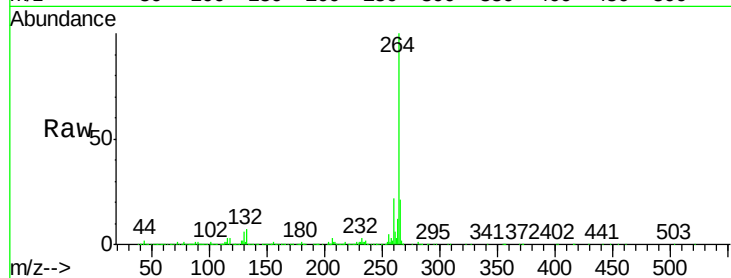
Acq: 4 Nov 2016 8:53

Instrument :

BNA_G

ClientSampleId :

GW-89-7.8-10.0



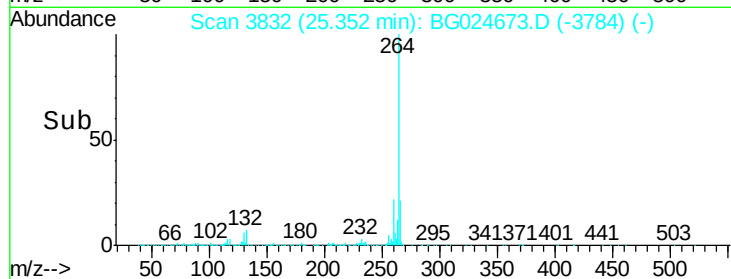
Tgt Ion: 264 Resp: 965899

Ion Ratio Lower Upper

264 100

260 22.0 21.8 32.8

265 20.6 18.2 27.4



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

