

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 11:34:15 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

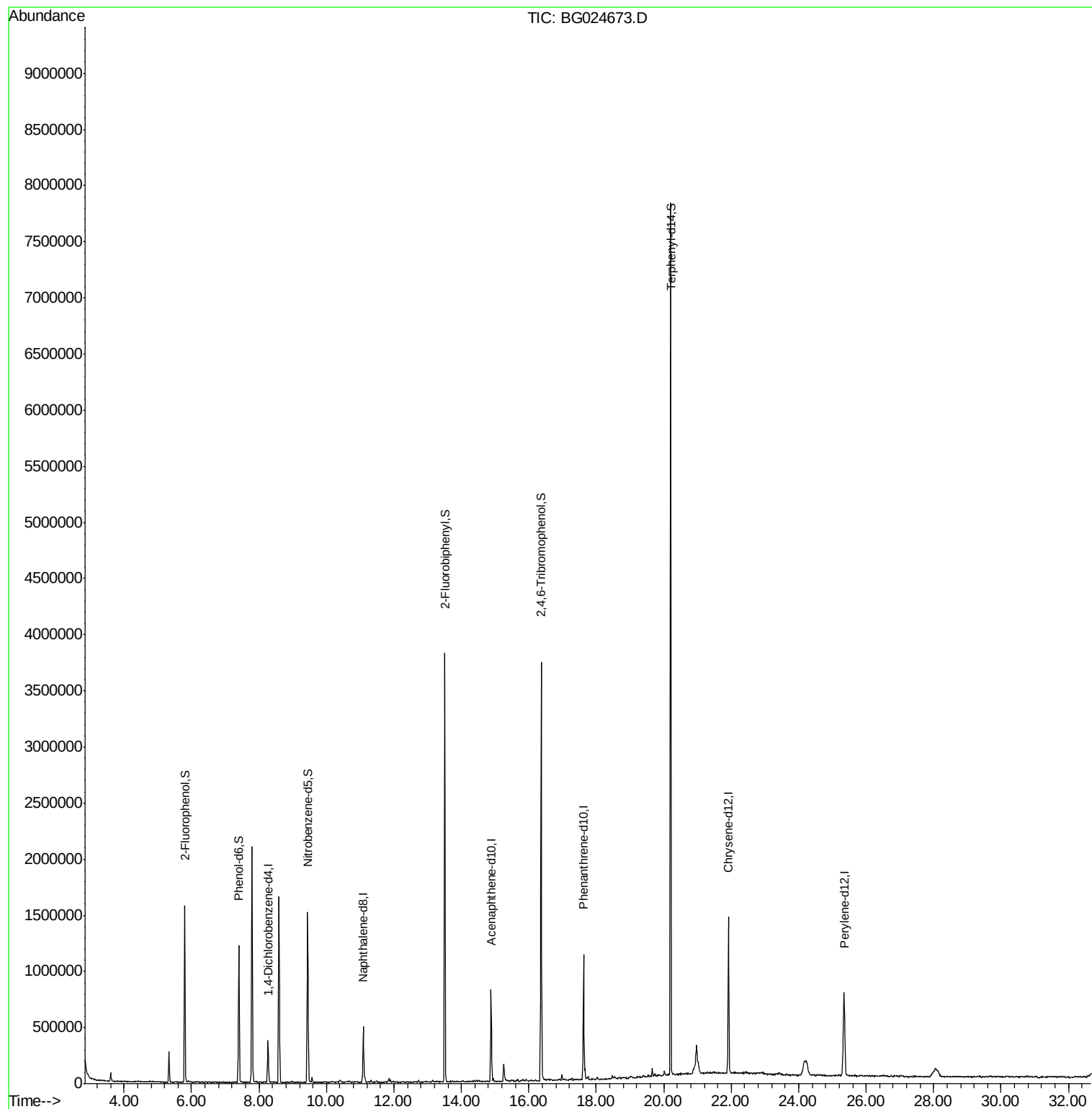
Target Compounds	Qvalue
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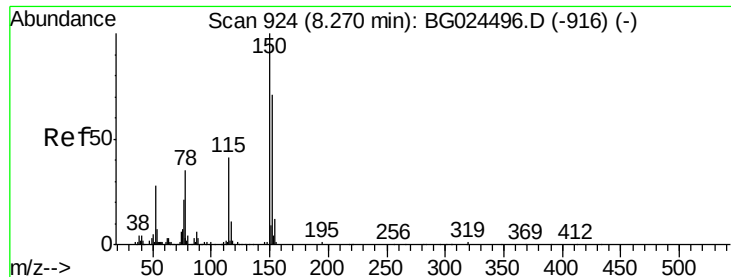
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 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

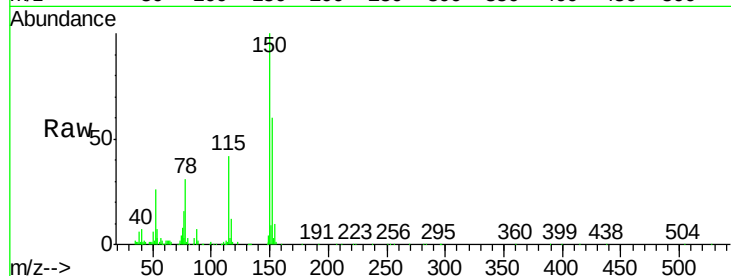
Tgt Ion:152 Resp: 95848

Ion Ratio Lower Upper

152 100

150 165.8 114.0 171.0

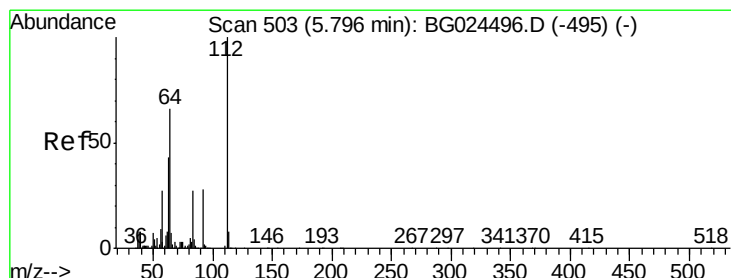
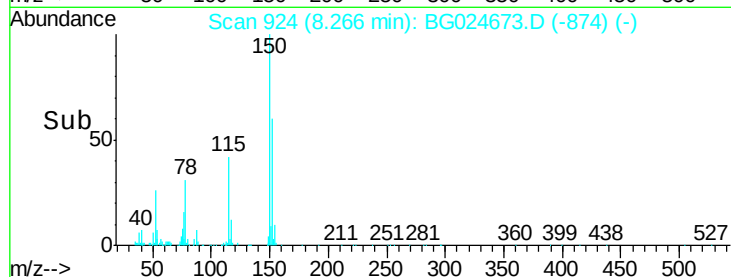
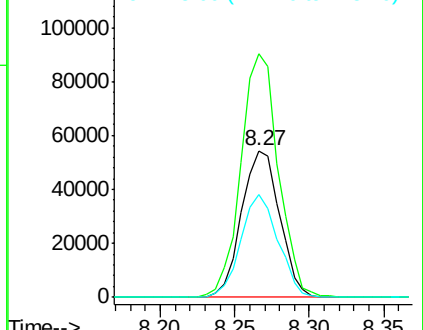
115 70.3 48.1 72.1



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

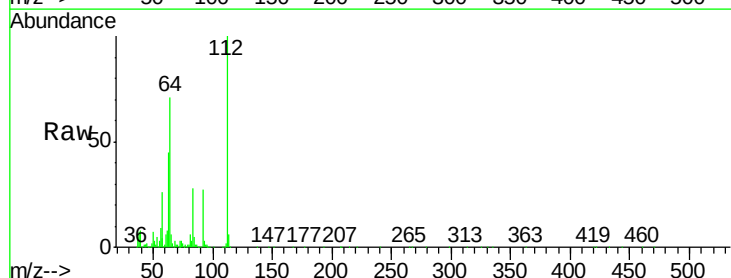
Tgt Ion:112 Resp: 633359

Ion Ratio Lower Upper

112 100

64 70.7 61.8 92.6

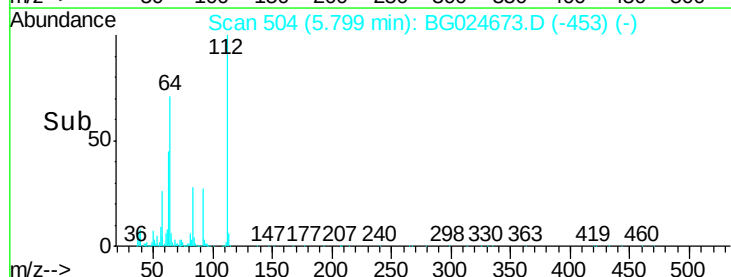
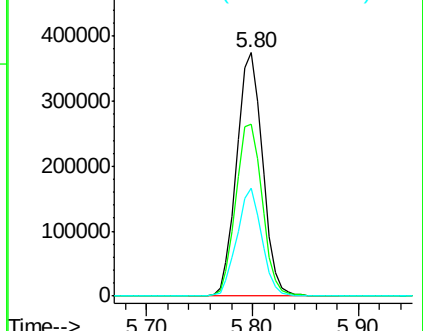
63 44.6 37.2 55.8

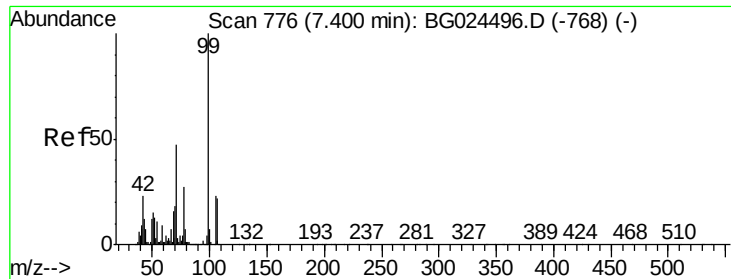


Abundance Ion 112.00 (111.70 to 112.70): E

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

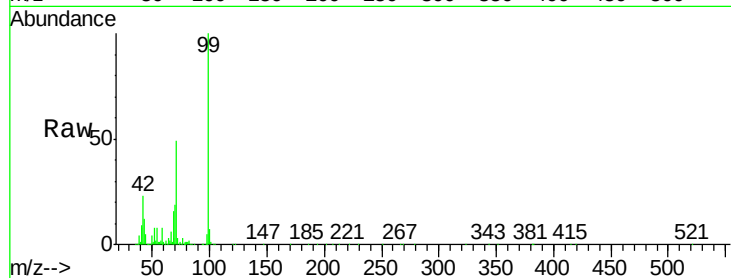
Tgt Ion: 99 Resp: 667652

Ion Ratio Lower Upper

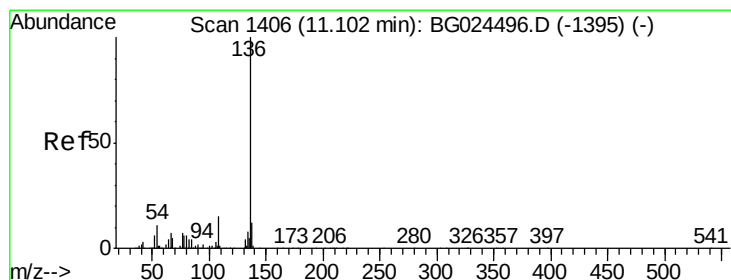
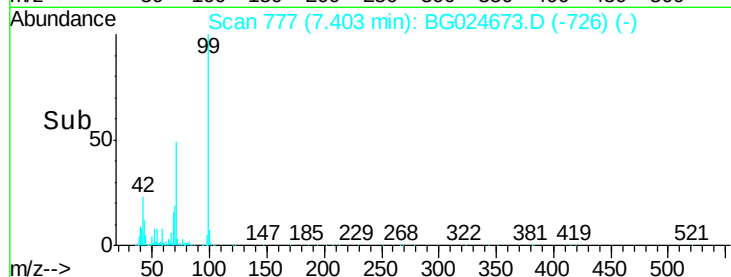
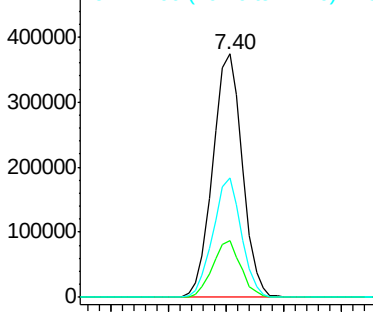
99 100

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



#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

Tgt Ion: 136 Resp: 390602

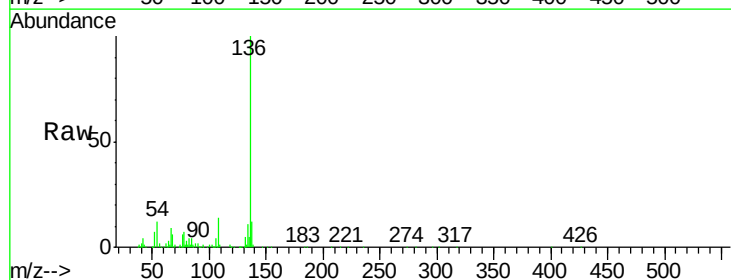
Ion Ratio Lower Upper

136 100

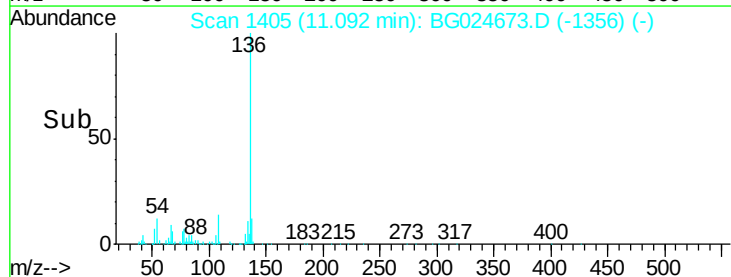
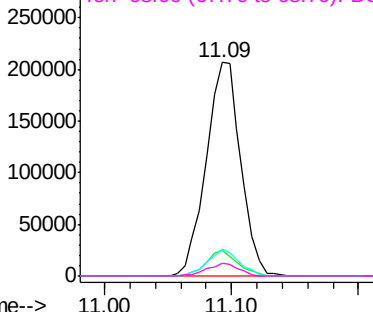
137 12.0 8.9 13.3

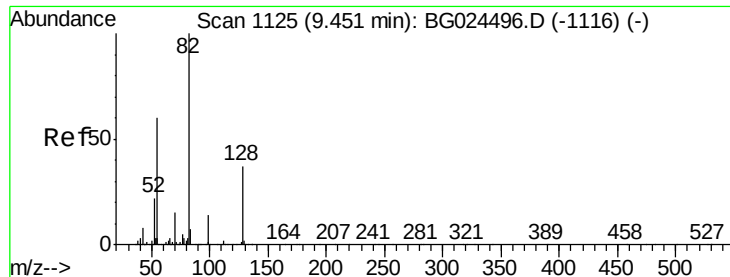
54 12.3 9.3 13.9

68 6.2 5.1 7.7



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

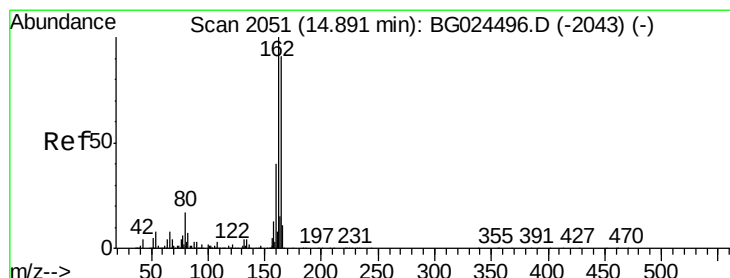
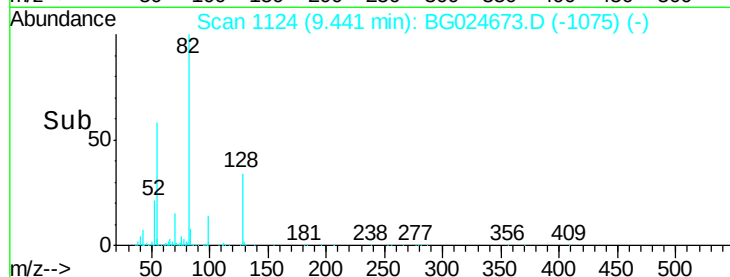
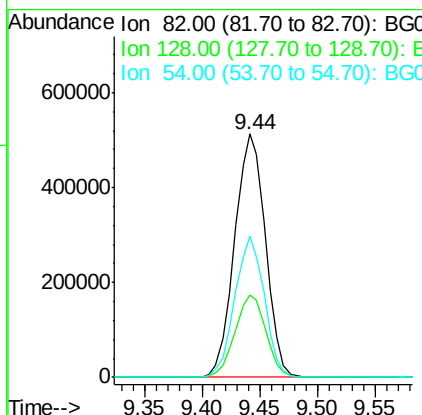
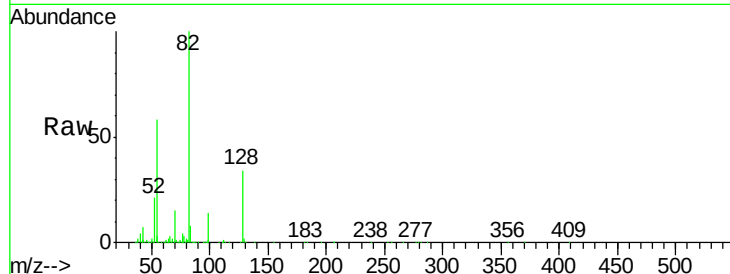




#23
 Nitrobenzene-d5
 Concen: 110.23 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024673.D
 Acq: 4 Nov 2016 8:53

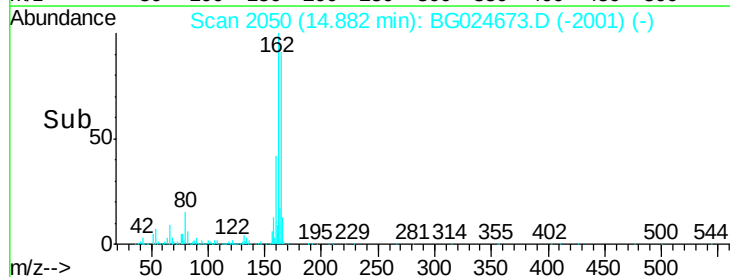
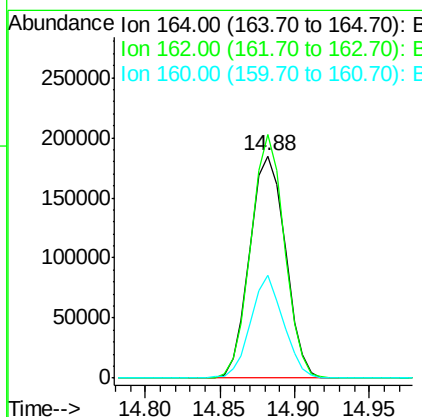
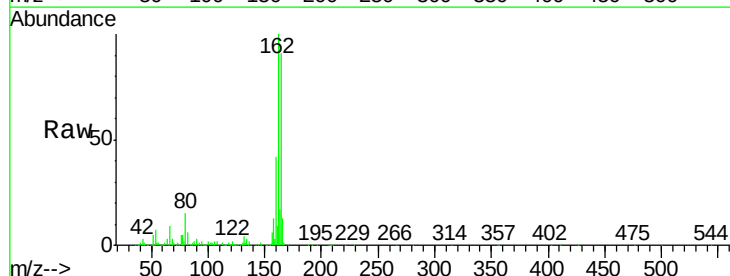
Instrument :
 BNA_G
 ClientSampleId :
 GW-89-7.8-10.0

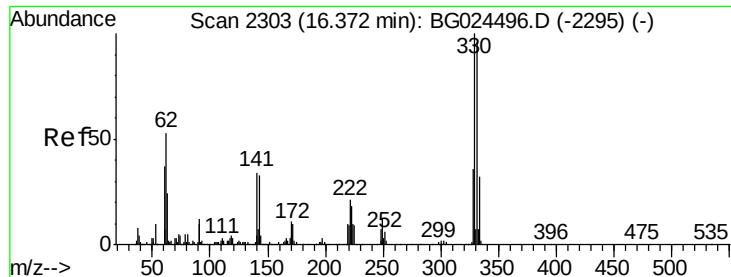
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.4	39.6
54	58.0	49.4	74.2



#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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.7	85.1	127.7
160	46.5	34.7	52.1

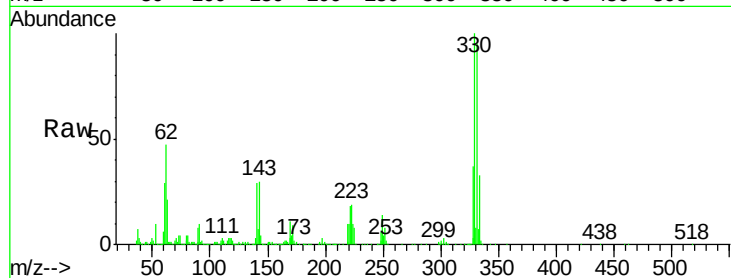




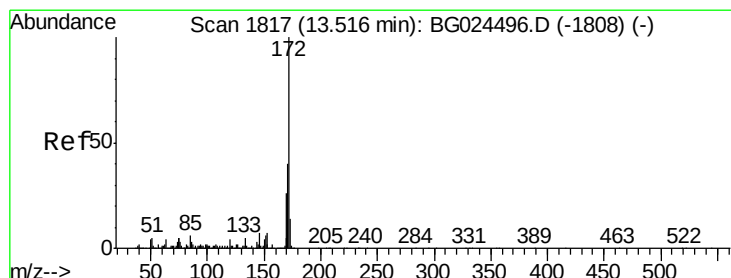
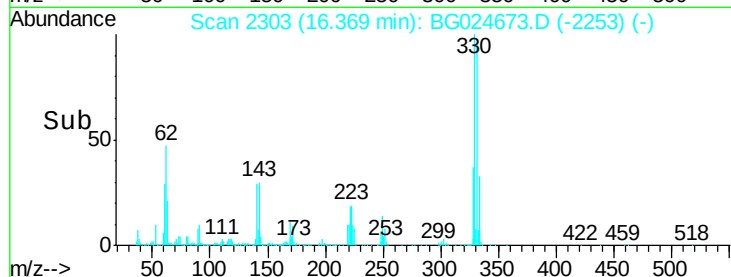
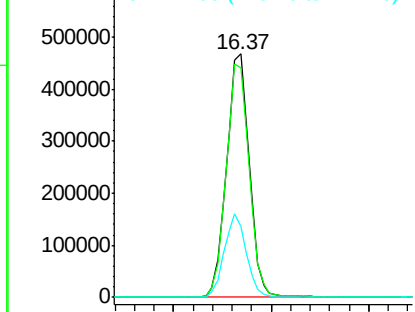
#41
2,4,6-Tribromophenol
Concen: 166.28 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024673.D
Acq: 4 Nov 2016 8:53

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

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

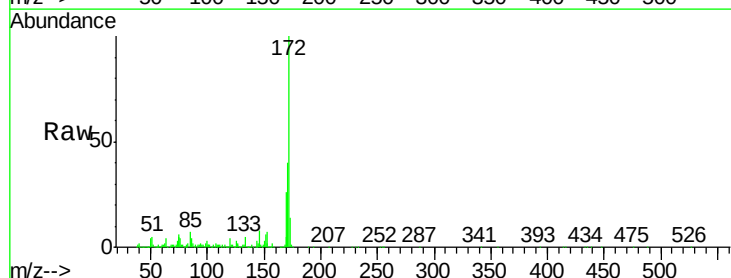


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

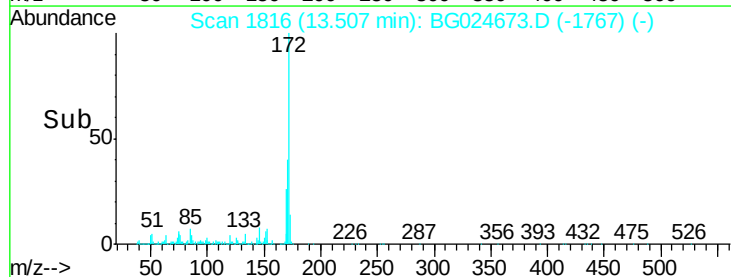
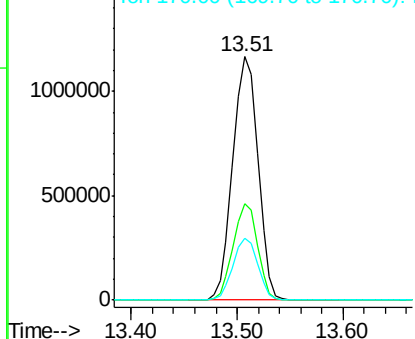


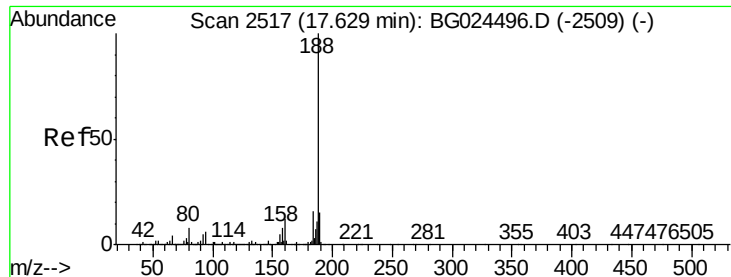
#44
2-Fluorobiphenyl
Concen: 104.27 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024673.D
Acq: 4 Nov 2016 8:53

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



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

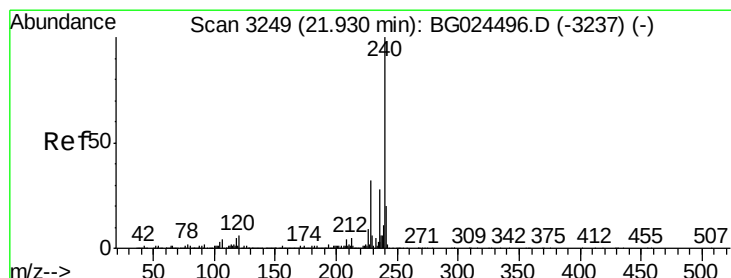
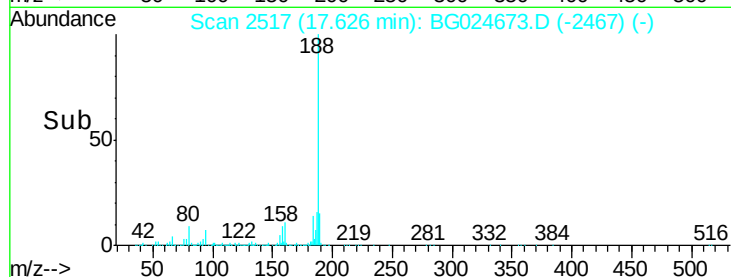
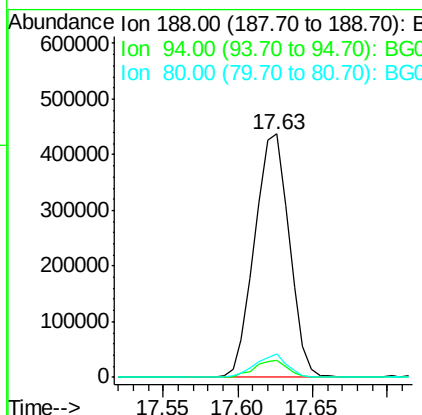
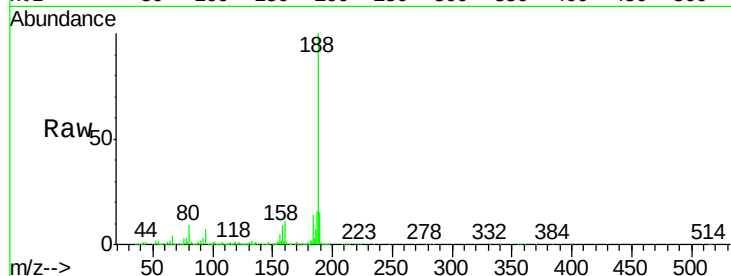




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024673.D
Acq: 4 Nov 2016 8:53

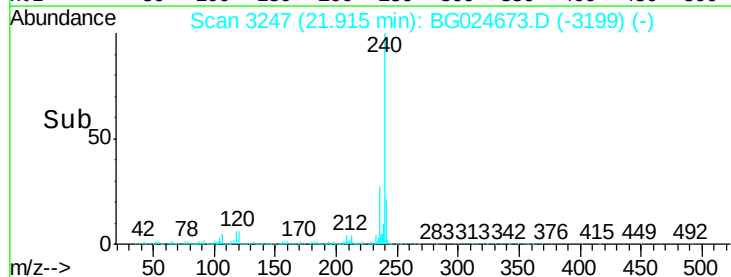
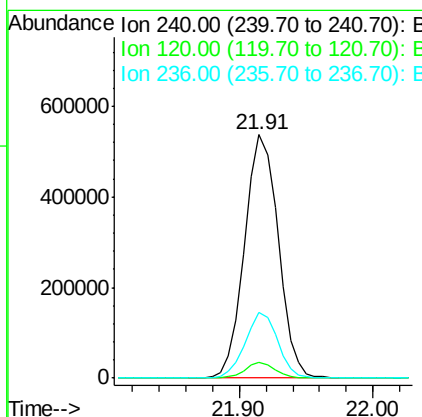
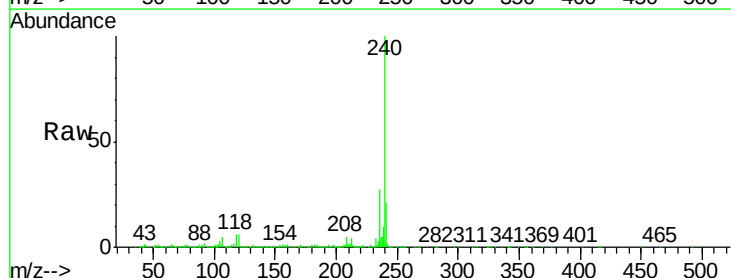
Instrument :
BNA_G
ClientSampleId :
GW-89-7.8-10.0

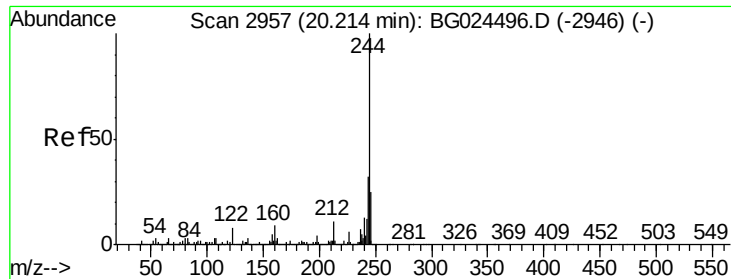
Tgt Ion:188 Resp: 702443
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 9.4 7.5 11.3



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

GW-89-7.8-10.0

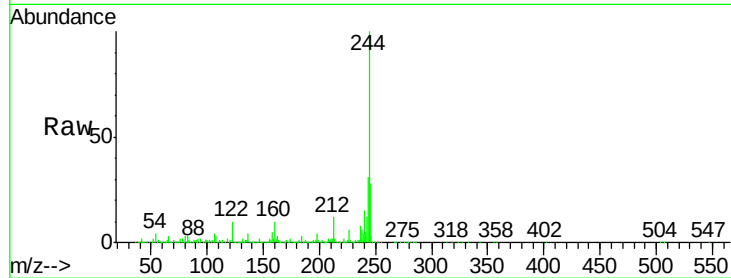
Tgt Ion:244 Resp: 3113845

Ion Ratio Lower Upper

244 100

212 11.7 10.0 15.0

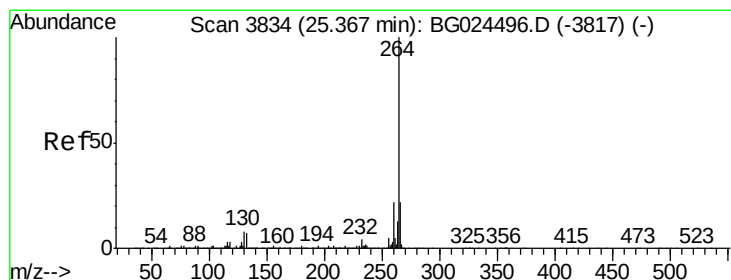
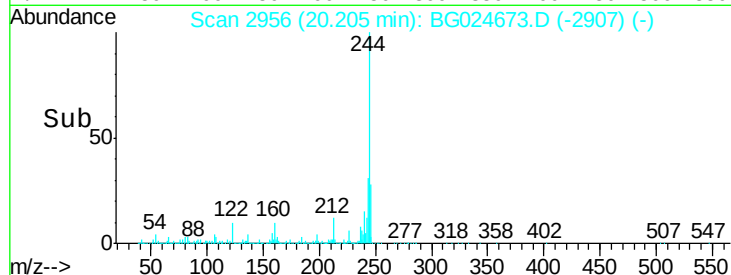
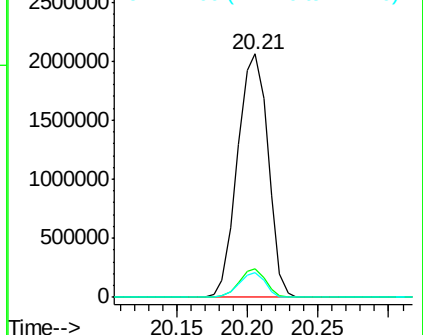
122 10.1 8.6 12.8



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

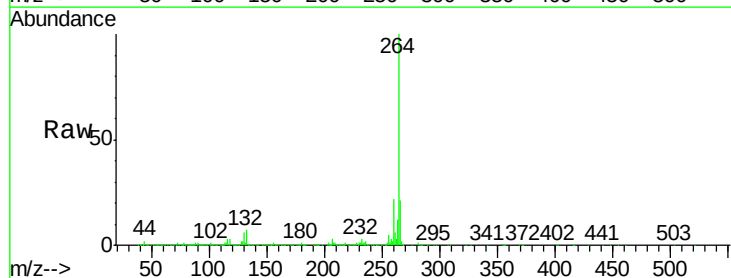
Tgt Ion:264 Resp: 965899

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

