

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071016\
 Data File : BG022997.D
 Acq On : 10 Jul 2016 12:48
 Operator : UM/SJ
 Sample : H3841-01DL 30X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1DL

Quant Time: Jul 12 07:29:57 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

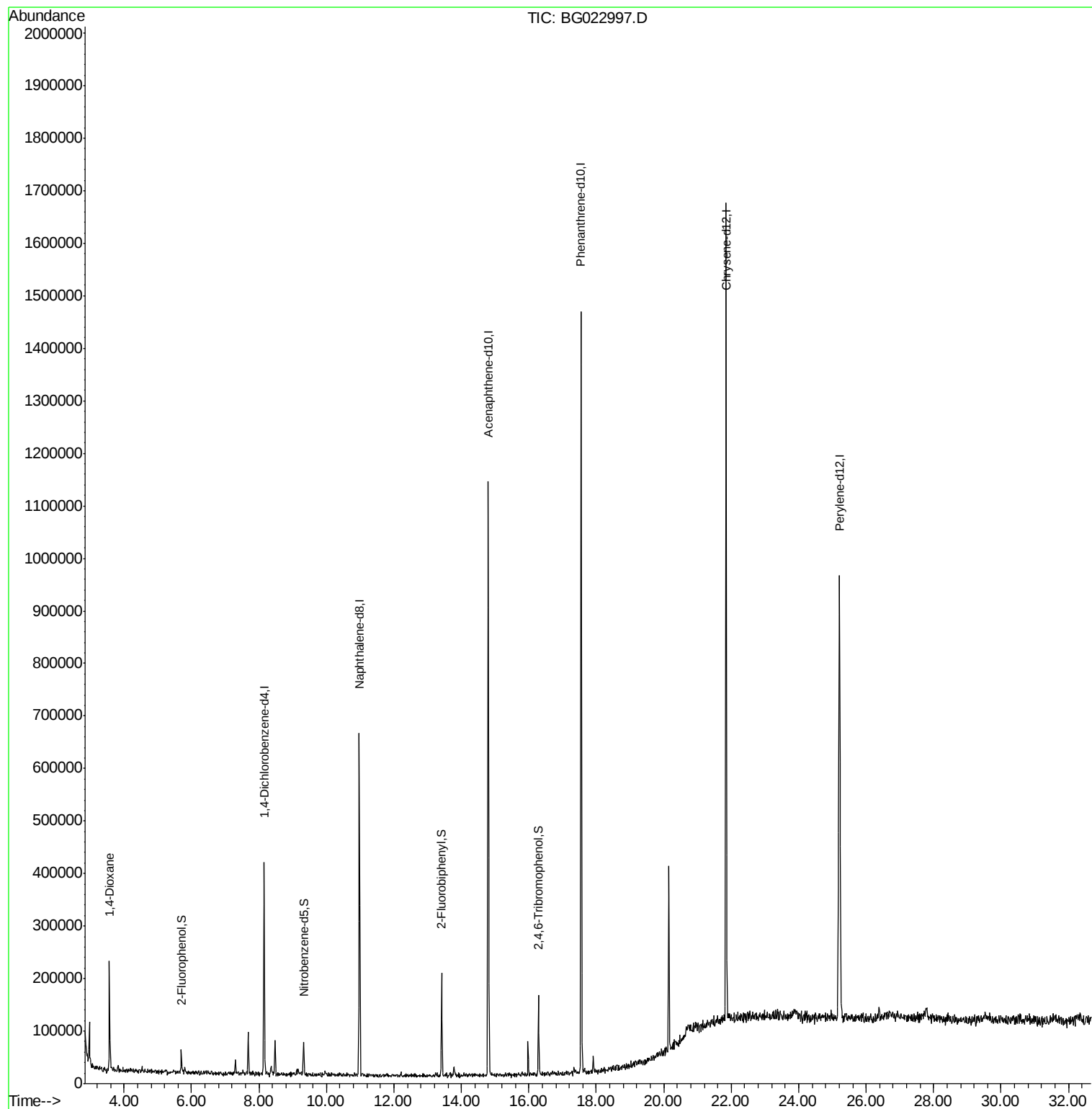
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	106354	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	518581	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	392504	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	901113	20.00	ng	0.00
75) Chrysene-d12	21.85	240	971137	20.00	ng	0.00
86) Perylene-d12	25.21	264	975126	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	15628	2.40	ng	0.00
7) Phenol-d6	7.30	99	17917	1.76	ng	0.00
23) Nitrobenzene-d5	9.32	82	43574	3.60	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	29228	4.14	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	104771	4.20	ng	0.00
78) Terphenyl-d14	0.00	244	0d	0.00	ng	
Target Compounds						
2) 1,4-Dioxane	3.57	88	115662	45.76	ng	Qvalue # 93

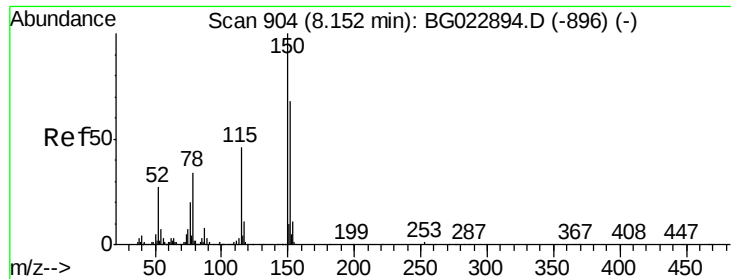
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG022997.D

Acq: 10 Jul 2016 12:48

Instrument :

BNA_G

ClientSampleId :

MW-1DL

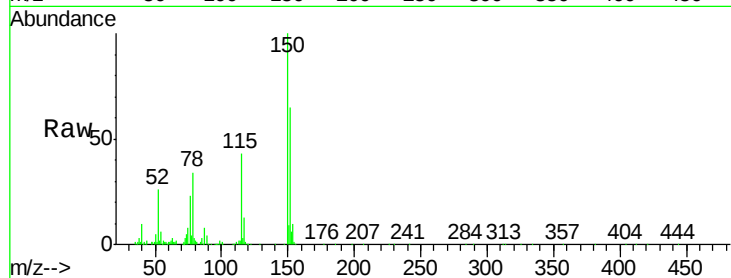
Tot Ion:152 Resp: 106354

Ion Ratio Lower Upper

152 100

150 154.3 144.7 217.1

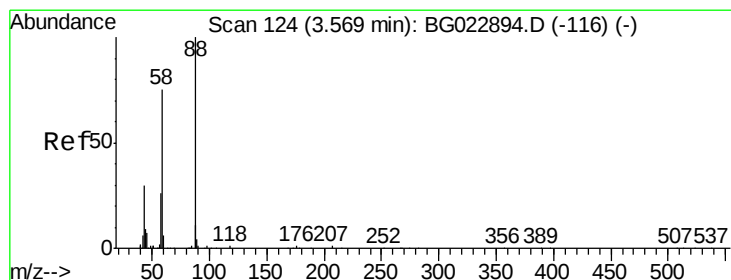
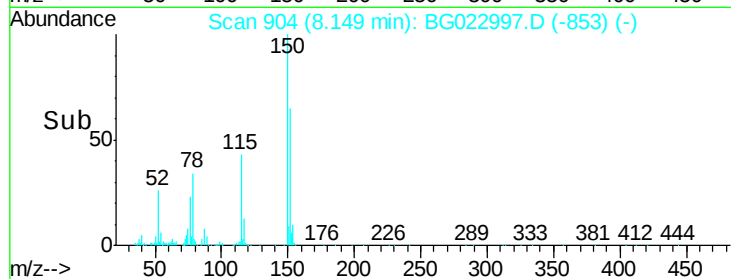
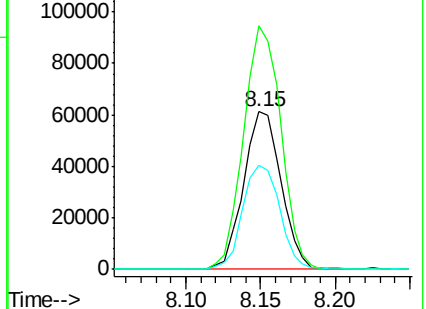
115 66.0 64.0 96.0



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



#2

1,4-Dioxane

Concen: 45.76 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG022997.D

Acq: 10 Jul 2016 12:48

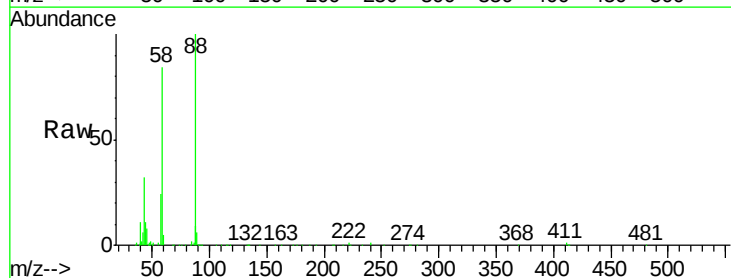
Tgt Ion: 88 Resp: 115662

Ion Ratio Lower Upper

88 100

58 78.4 60.4 90.6

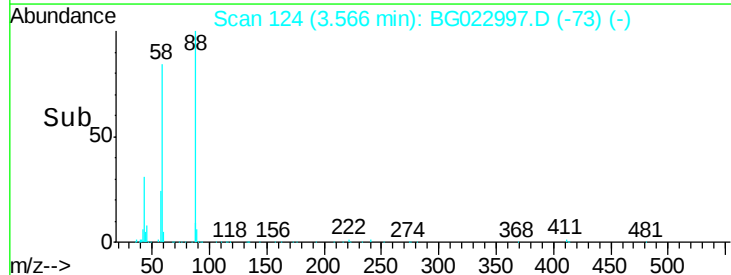
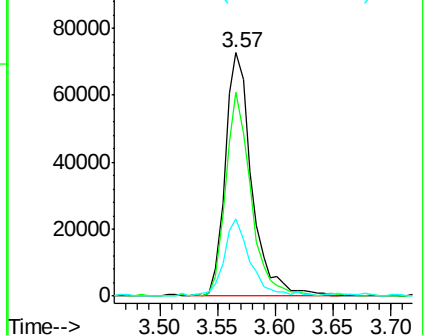
43 29.6 31.1 46.7#

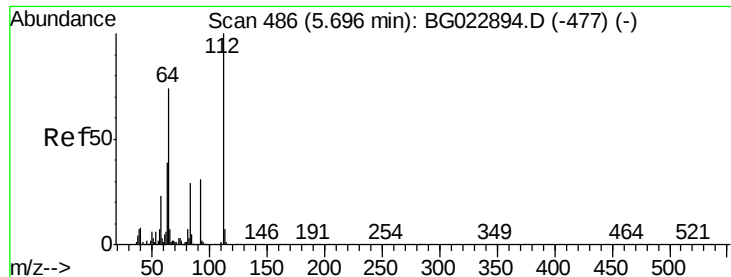


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 2.40 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022997.D

Acq: 10 Jul 2016 12:48

Instrument :

BNA_G

ClientSampleId :

MW-1DL

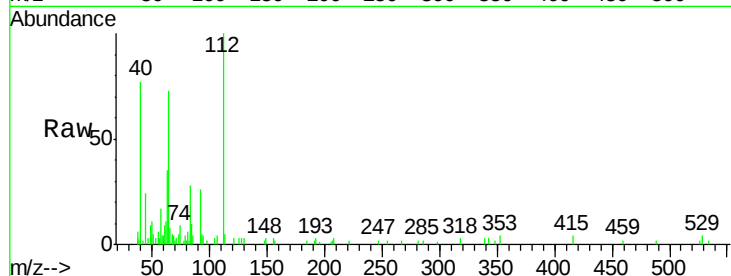
Tot Ion:112 Resp: 15628

Ion Ratio Lower Upper

112 100

64 73.1 59.0 88.4

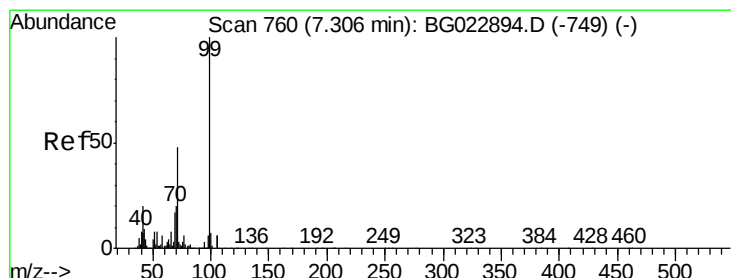
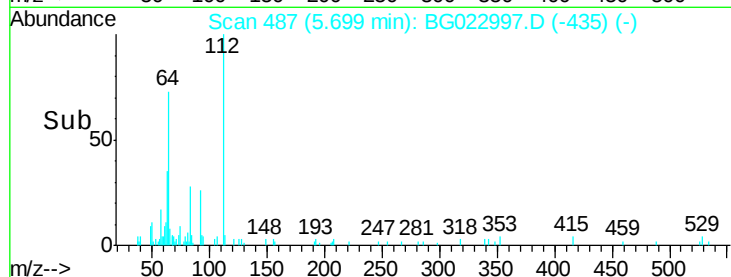
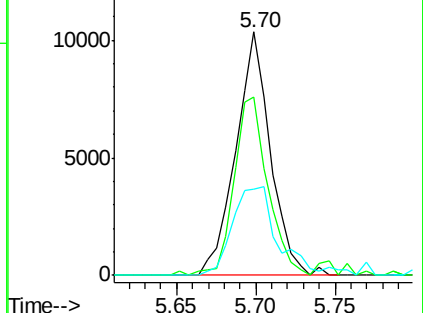
63 35.4 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 1.76 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022997.D

Acq: 10 Jul 2016 12:48

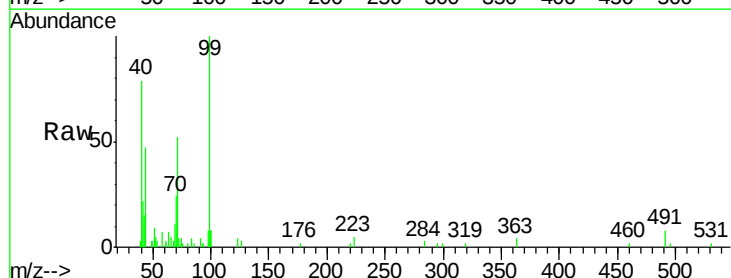
Tgt Ion: 99 Resp: 17917

Ion Ratio Lower Upper

99 100

42 22.0 17.8 26.6

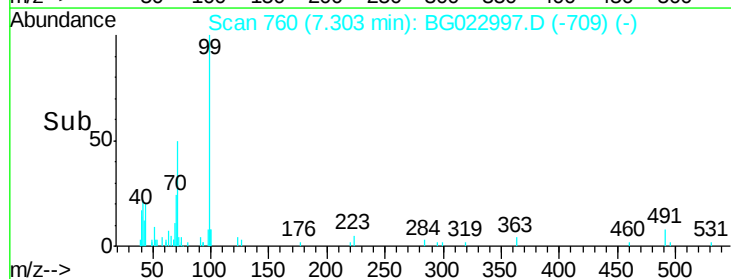
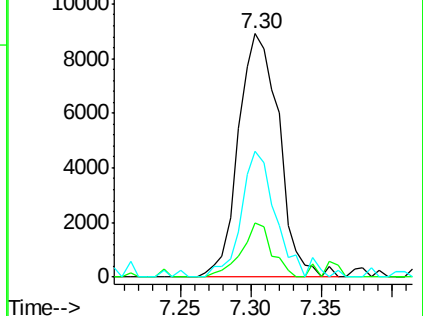
71 51.6 41.5 62.3

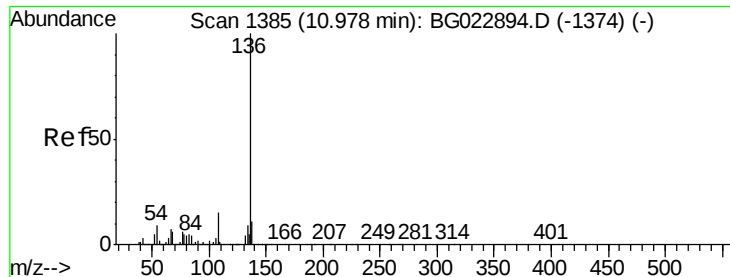


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

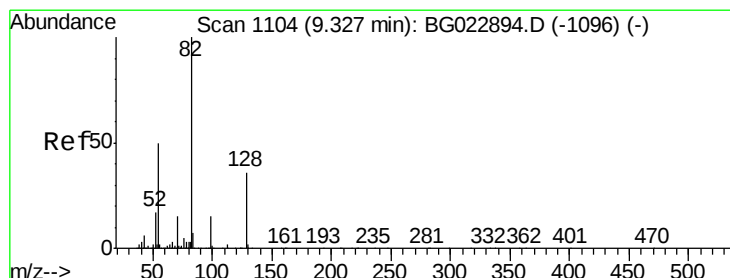
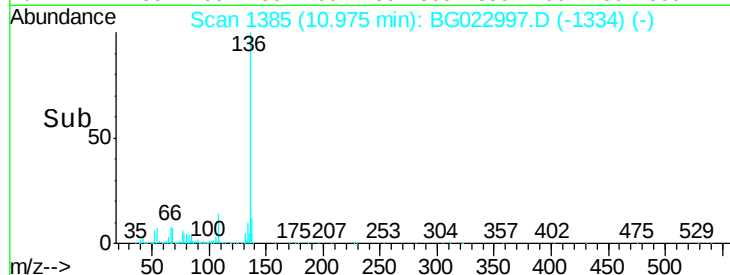
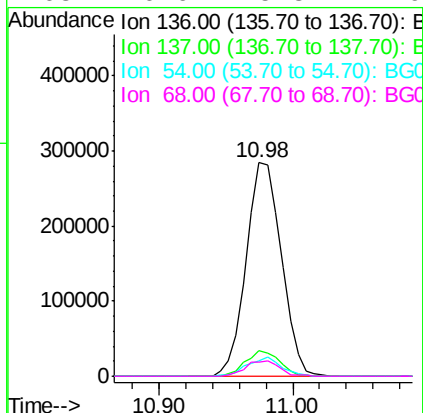
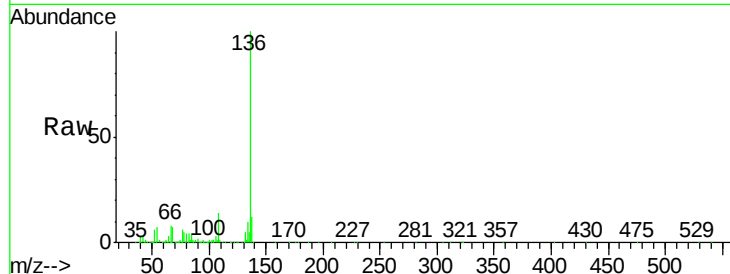




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG022997.D
Acq: 10 Jul 2016 12:48

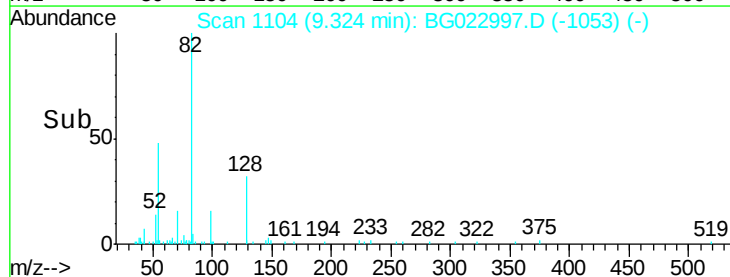
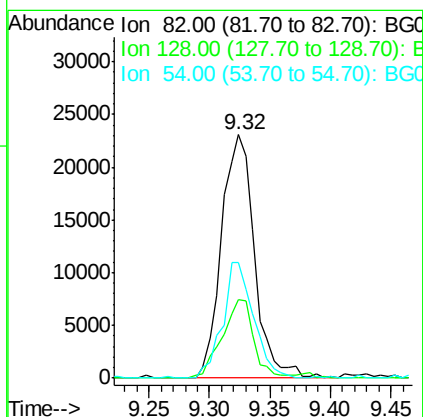
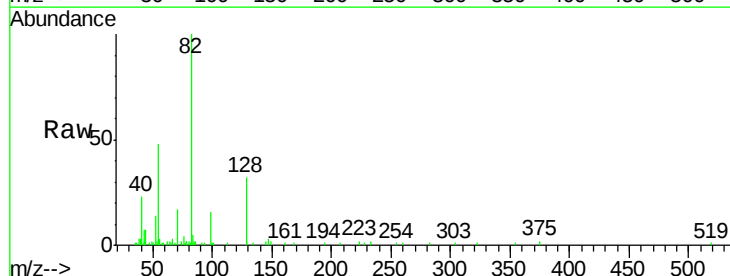
Instrument :
BNA_G
ClientSampleId :
MW-1DL

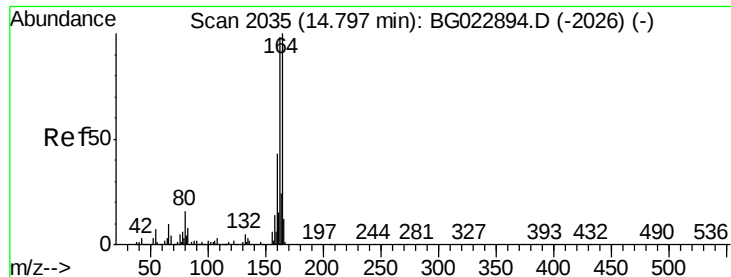
Tot Ion:136	Resp:	518581
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.6 14.4
54	7.4	7.3 10.9
68	6.6	5.3 7.9



#23
Nitrobenzene-d5
Concen: 3.60 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022997.D
Acq: 10 Jul 2016 12:48

Tgt Ion: 82	Resp:	43574
Ion Ratio	Lower	Upper
82	100	
128	32.4	24.4 36.6
54	47.5	41.4 62.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022997.D

Acq: 10 Jul 2016 12:48

Instrument :

BNA_G

ClientSampleId :

MW-1DL

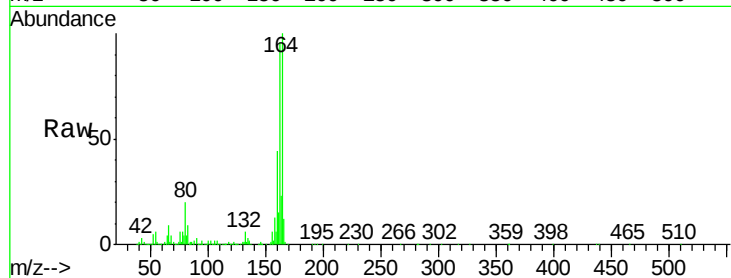
Tot Ion:164 Resp: 392504

Ion Ratio Lower Upper

164 100

162 96.1 87.7 131.5

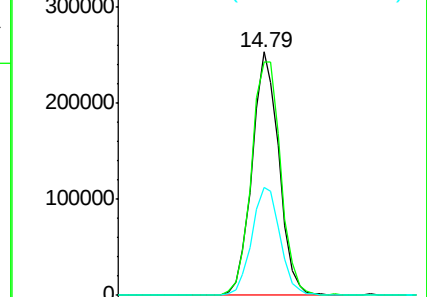
160 44.2 37.2 55.8



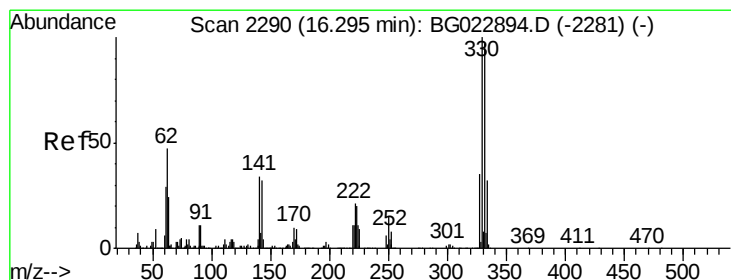
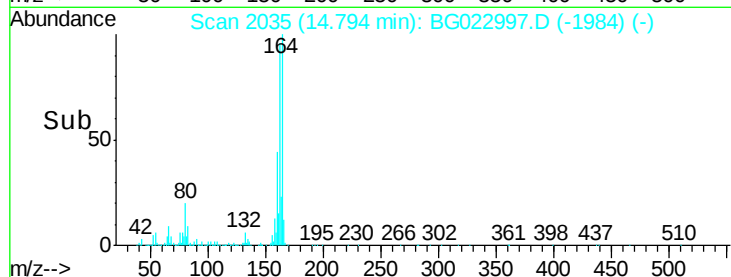
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 4.14 ng

RT: 16.29 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG022997.D

Acq: 10 Jul 2016 12:48

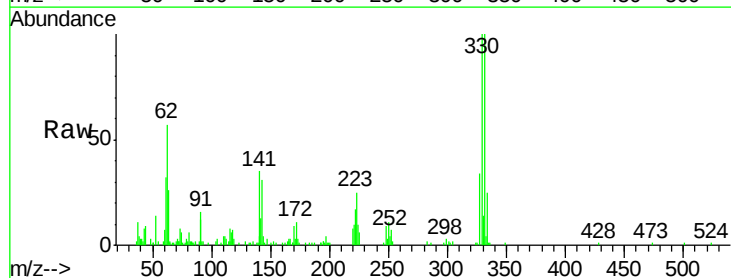
Tgt Ion:330 Resp: 29228

Ion Ratio Lower Upper

330 100

332 92.8 77.4 116.2

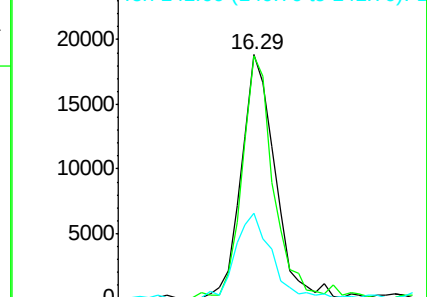
141 37.2 31.7 47.5



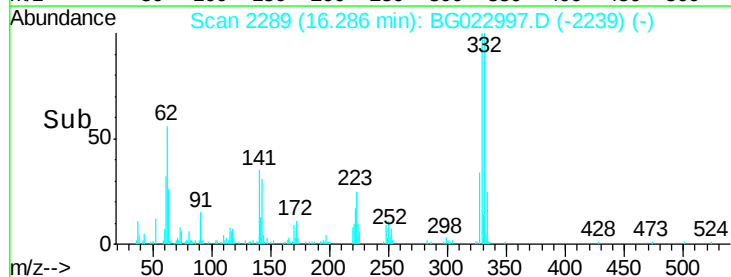
Abundance Ion 329.80 (329.50 to 330.50): E

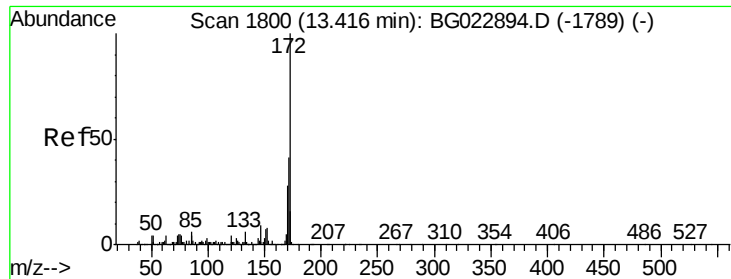
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#44

2-Fluorobiphenyl

Concen: 4.20 ng

RT: 13.41 min Scan# 1800

Delta R.T. -0.00 min

Lab File: BG022997.D

Acq: 10 Jul 2016 12:48

Instrument :

BNA_G

ClientSampleId :

MW-1DL

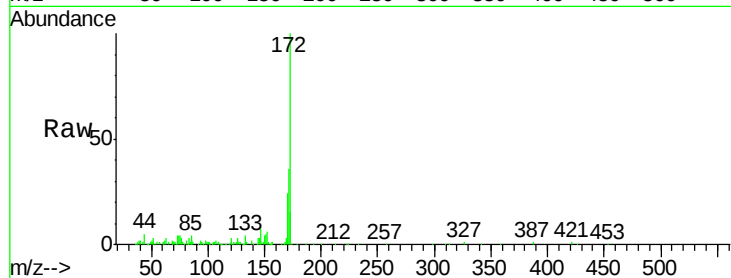
Tot Ion:172 Resp: 104771

Ion Ratio Lower Upper

172 100

171 36.2 31.6 47.4

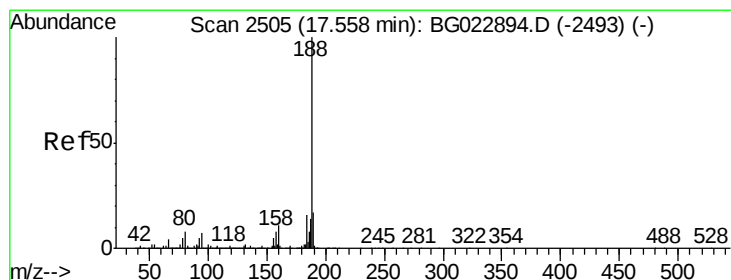
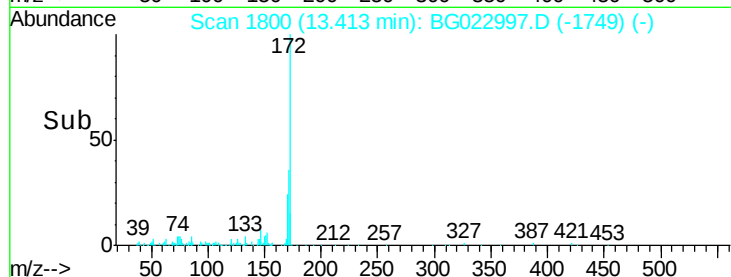
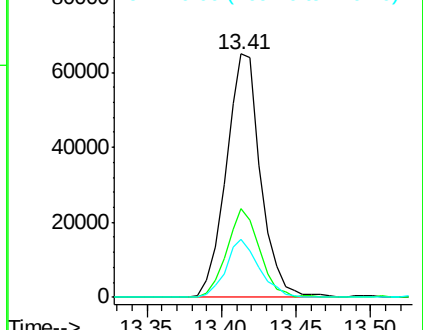
170 23.9 21.3 31.9



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: 17.55 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG022997.D

Acq: 10 Jul 2016 12:48

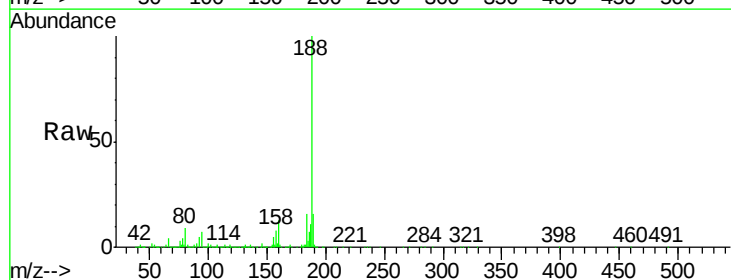
Tgt Ion:188 Resp: 901113

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

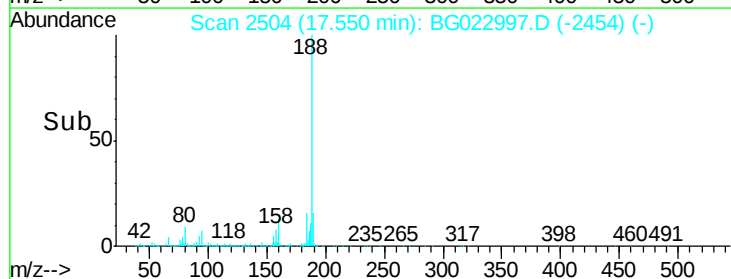
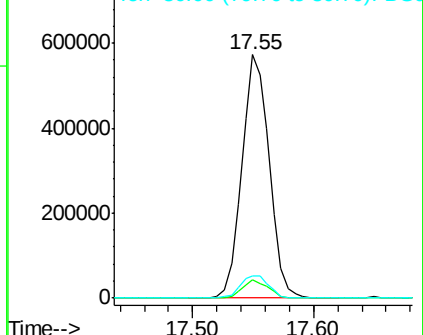
80 9.3 7.2 10.8

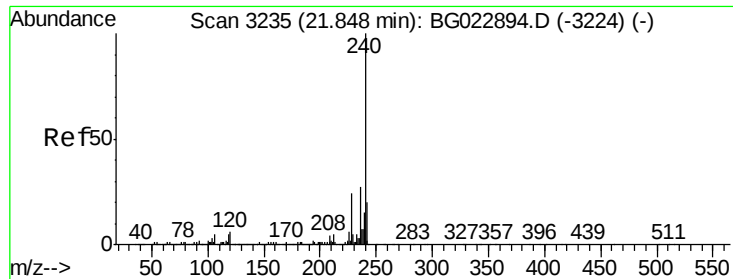


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022997.D

Acq: 10 Jul 2016 12:48

Instrument :

BNA_G

ClientSampleId :

MW-1DL

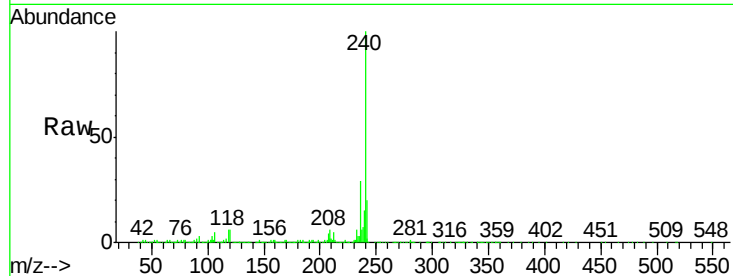
Tot Ion:240 Resp: 971137

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

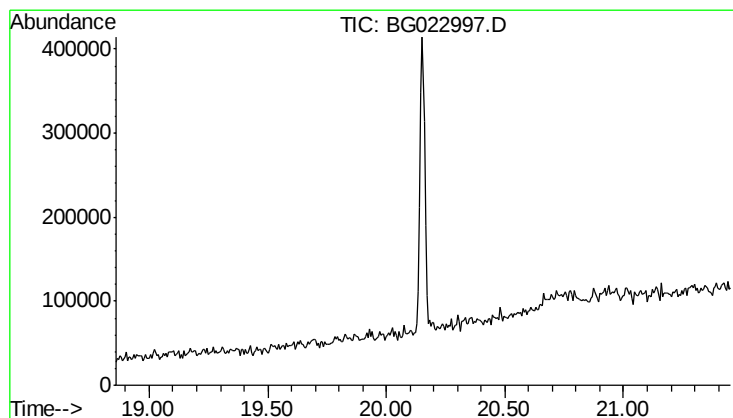
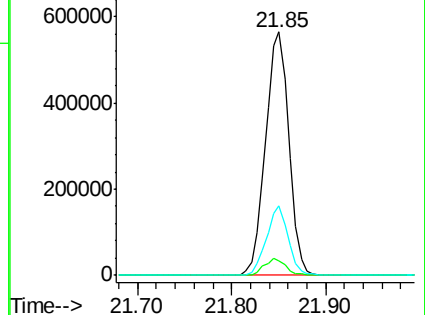
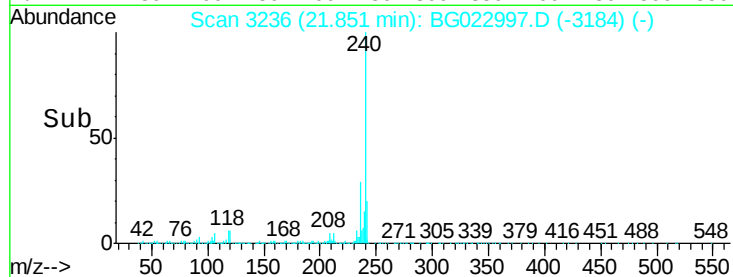
236 28.8 21.1 31.7



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: 0.00 ng

Expected RT: 20.16 min

Lab File: BG022997.D

Acq: 10 Jul 2016 12:48

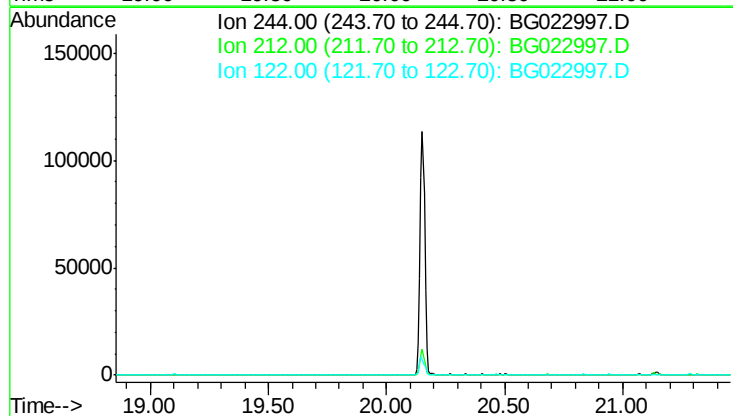
Tgt Ion: 244

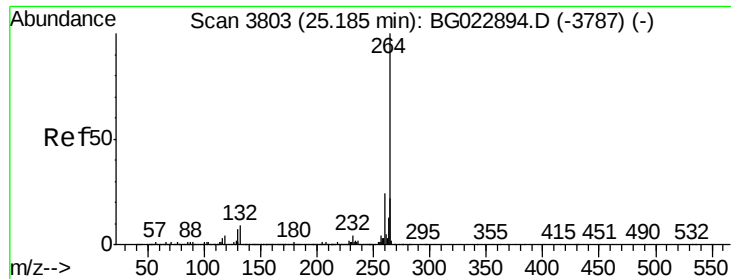
Sig Exp Ratio

244 100

212 13.5

122 10.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3807
Delta R.T. 0.02 min
Lab File: BG022997.D
Acq: 10 Jul 2016 12:48

Instrument :
BNA_G
ClientSampleId :
MW-1DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	22.3	18.9	28.3

