

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072316\
 Data File : BG023234.D
 Acq On : 23 Jul 2016 3:29
 Operator : UM/SJ
 Sample : H4131-29
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-16

Quant Time: Jul 23 04:31:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

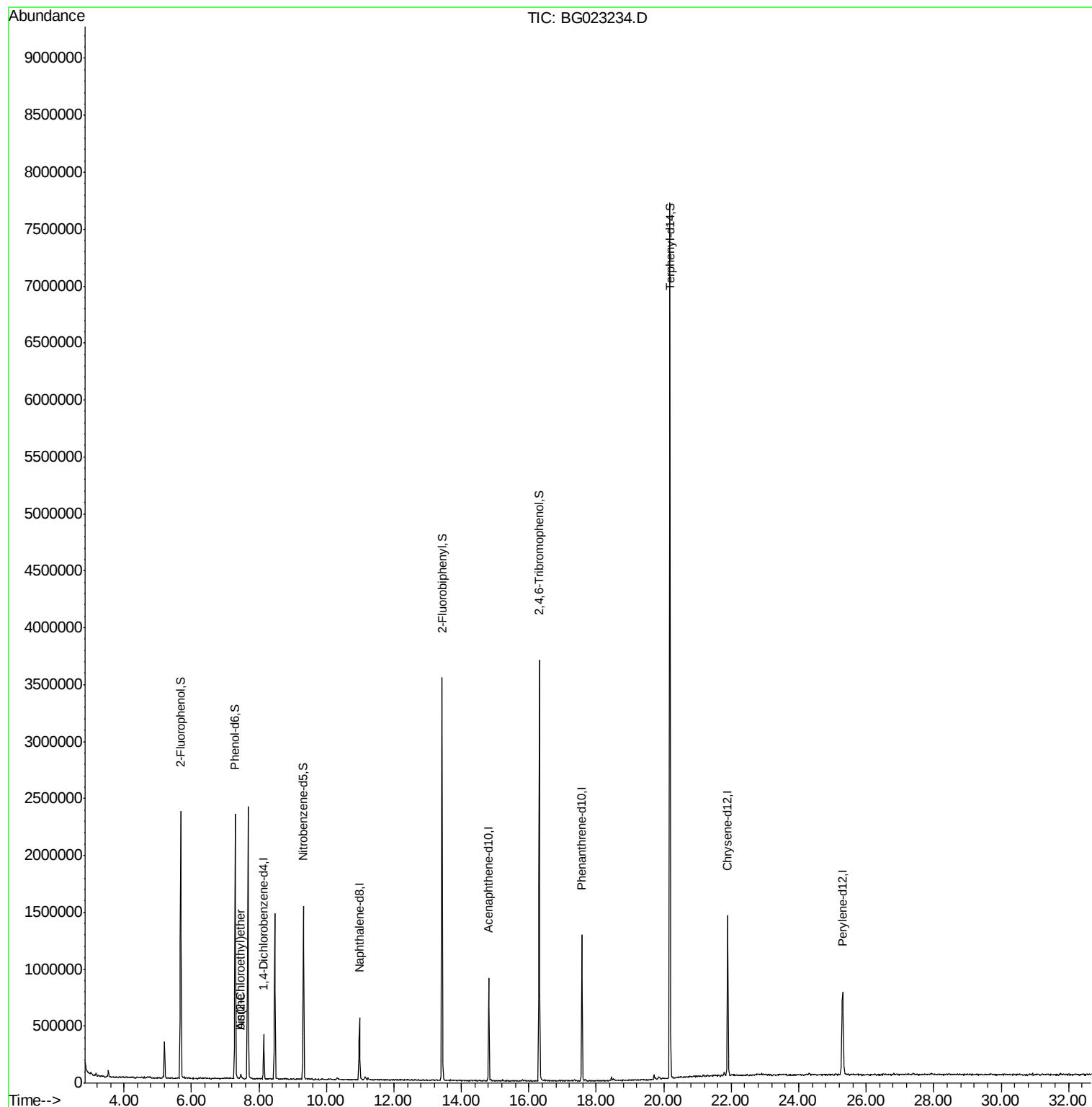
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	97193	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	431973	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	302894	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	792479	20.00	ng	0.02
75) Chrysene-d12	21.89	240	851146	20.00	ng	0.01
86) Perylene-d12	25.30	264	817128	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	875895	147.39	ng	0.00
7) Phenol-d6	7.29	99	1226644	131.79	ng	0.00
23) Nitrobenzene-d5	9.32	82	986875	97.82	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	589670	108.32	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1726052	89.76	ng	0.01
78) Terphenyl-d14	20.18	244	2793265	124.75	ng	0.02
Target Compounds						
6) Aniline	7.46	93	28055	2.17	ng	# 94
11) bis(2-Chloroethyl)ether	7.46	93	28055	3.70	ng	# 25

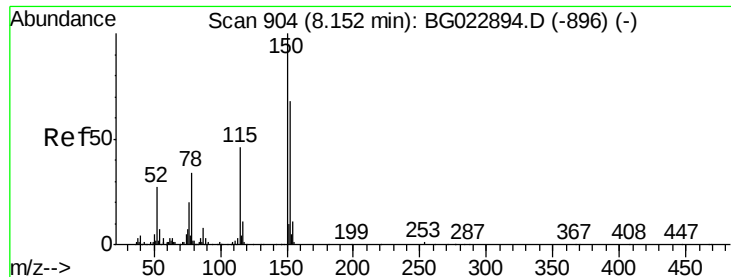
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023234.D

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Instrument :

BNA_G

ClientSampleId :

D-16

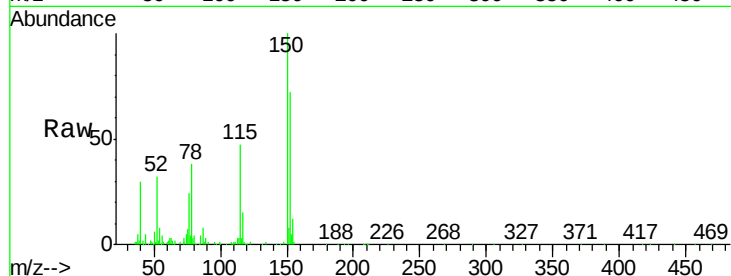
Tgt Ion:152 Resp: 97193

Ion Ratio Lower Upper

152 100

150 138.6 144.7 217.1#

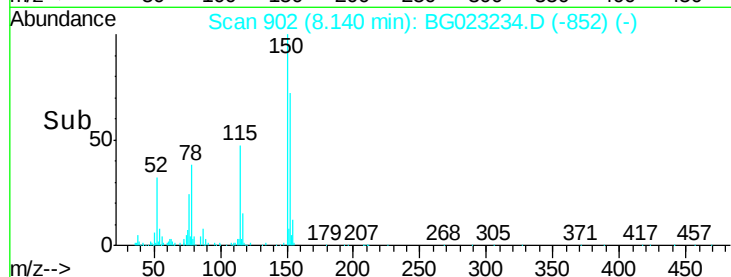
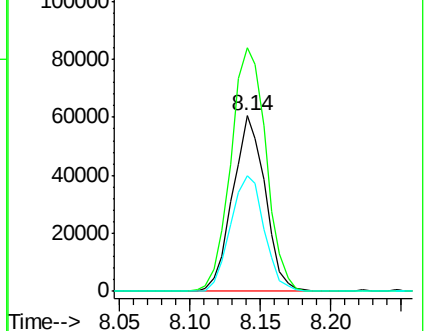
115 65.8 64.0 96.0



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



#5

2-Fluorophenol

Concen: 147.39 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023234.D

Acq: 23 Jul 2016 3:29

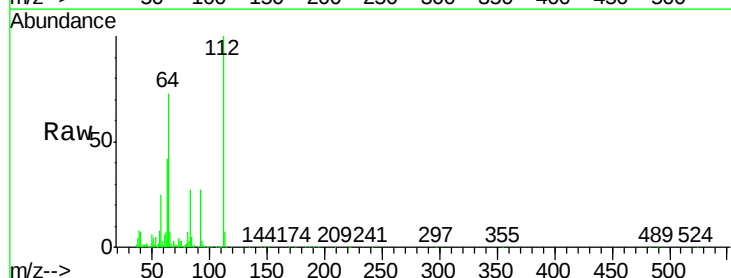
Tgt Ion:112 Resp: 875895

Ion Ratio Lower Upper

112 100

64 72.6 59.0 88.4

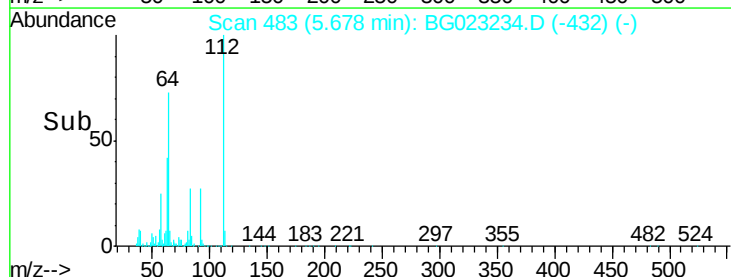
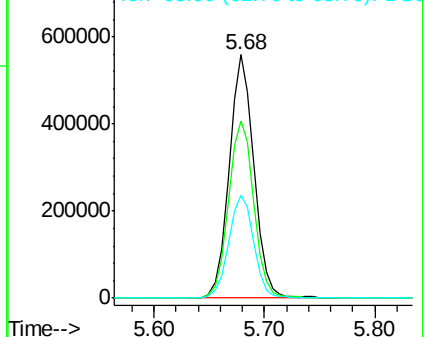
63 42.4 37.8 56.8

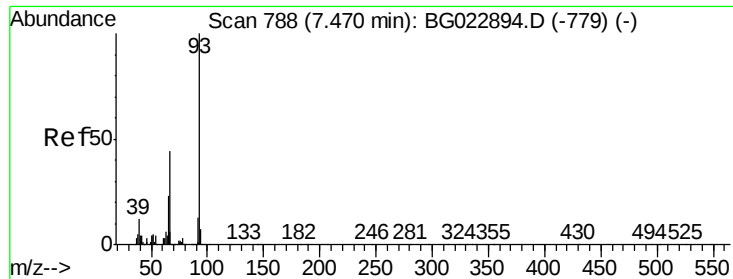


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 2.17 ng

RT: 7.46 min Scan# 787

Delta R.T. 0.01 min

Lab File: BG023234.D

Acq: 23 Jul 2016 3:29

Instrument :

BNA_G

ClientSampleId :

D-16

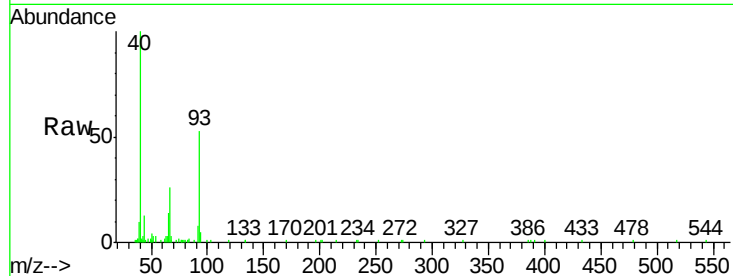
Tgt Ion: 93 Resp: 28055

Ion Ratio Lower Upper

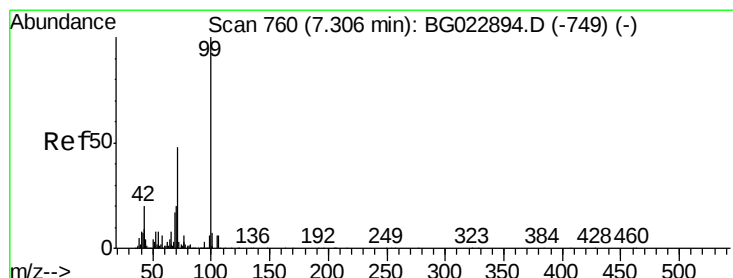
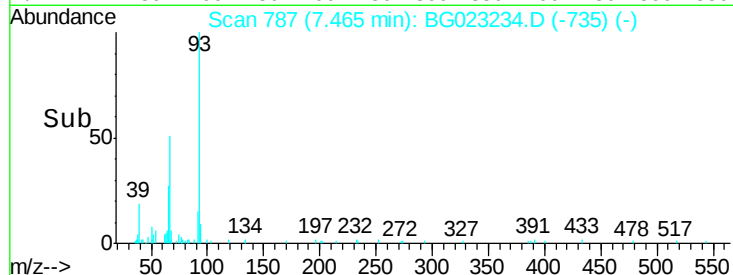
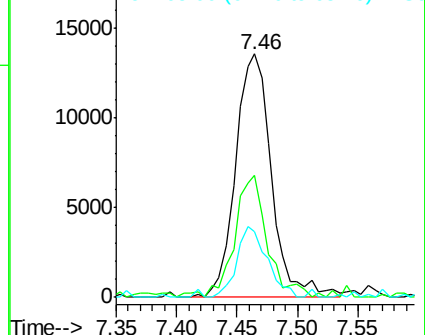
93 100

66 50.1 37.5 56.3

65 27.1 17.9 26.9#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 131.79 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG023234.D

Acq: 23 Jul 2016 3:29

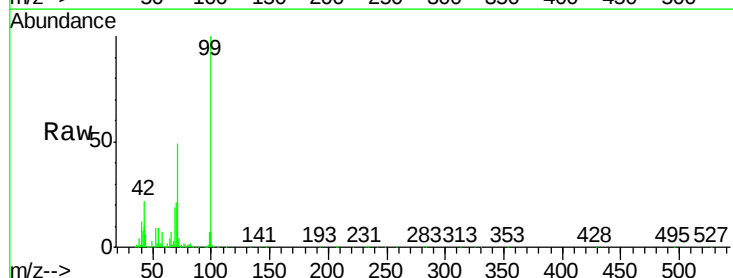
Tgt Ion: 99 Resp: 1226644

Ion Ratio Lower Upper

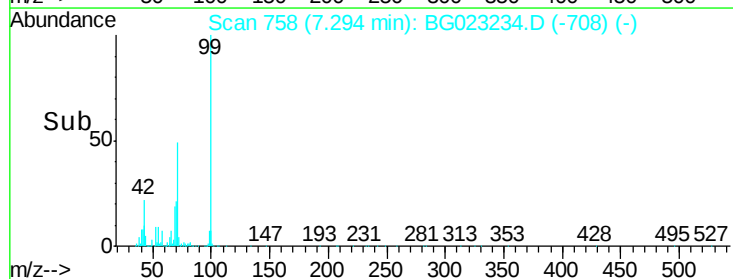
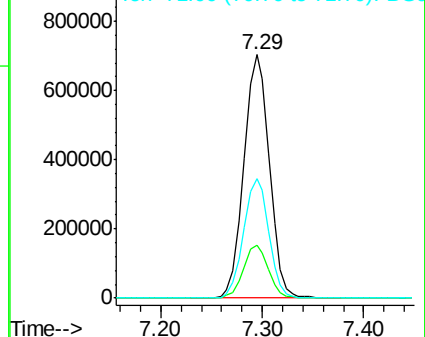
99 100

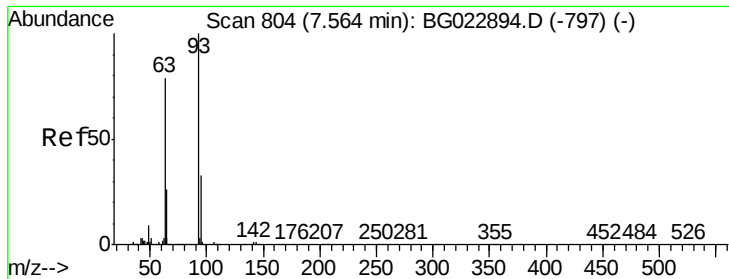
42 21.8 17.8 26.6

71 49.1 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

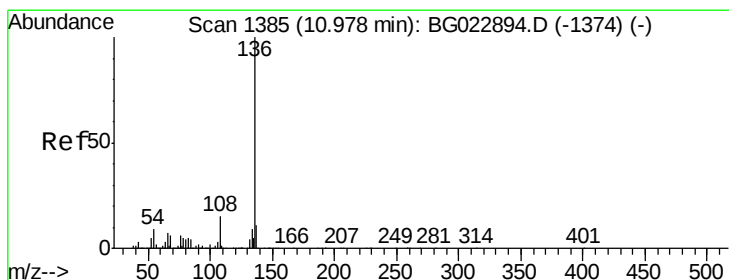
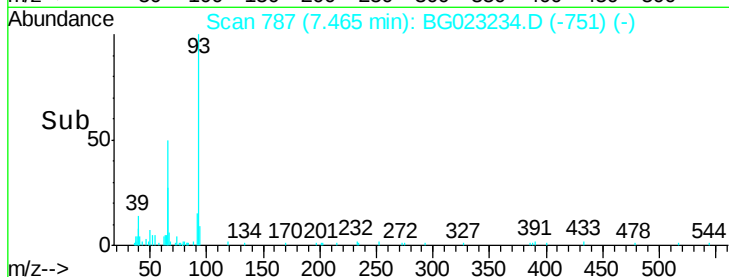
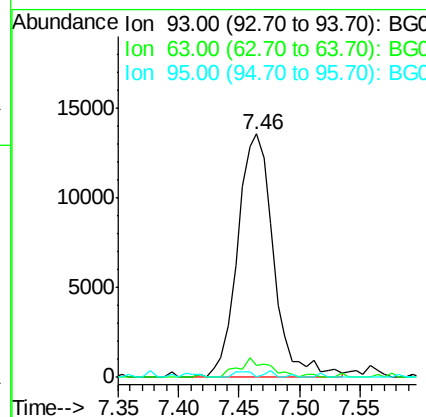
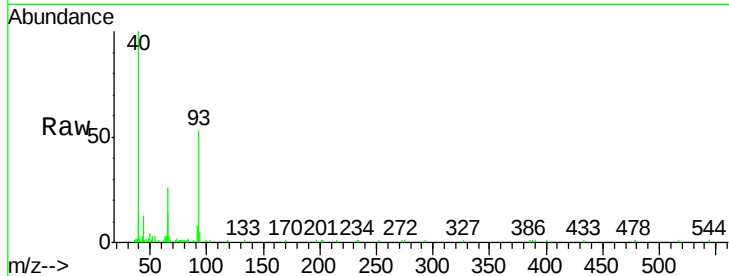




#11
bis(2-Chloroethyl)ether
Concen: 3.70 ng
RT: 7.46 min Scan# 787
Delta R.T. -0.09 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

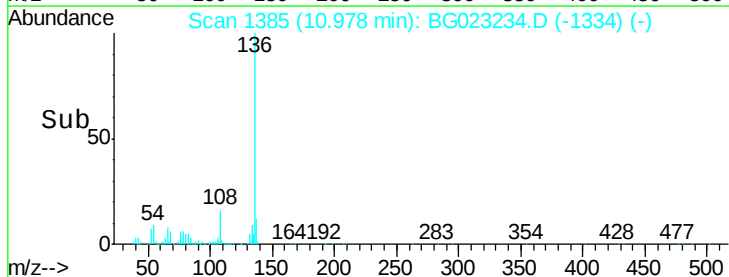
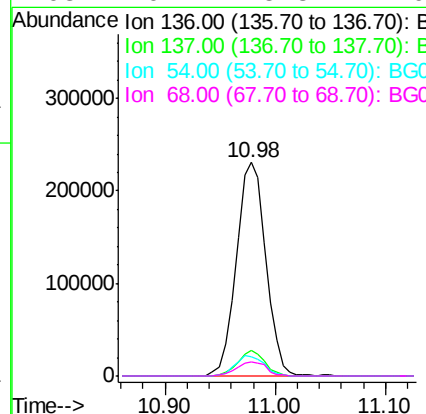
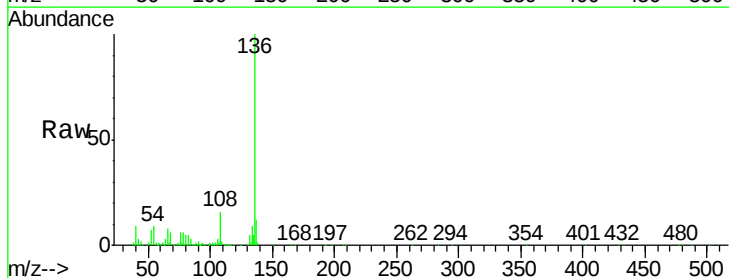
Instrument :
BNA_G
ClientSampleId :
D-16

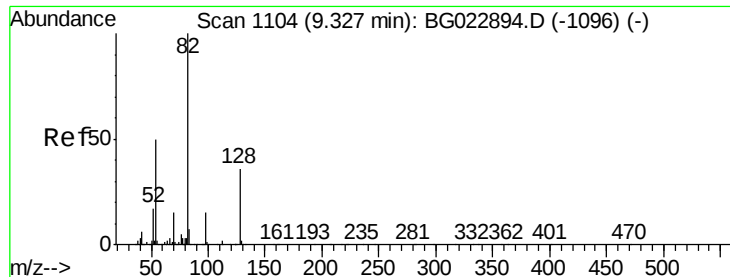
Tgt Ion	Ratio	Lower	Upper
93	100		
63	4.9	55.0	95.0#
95	0.0	11.0	51.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	9.0	7.3	10.9
68	6.4	5.3	7.9

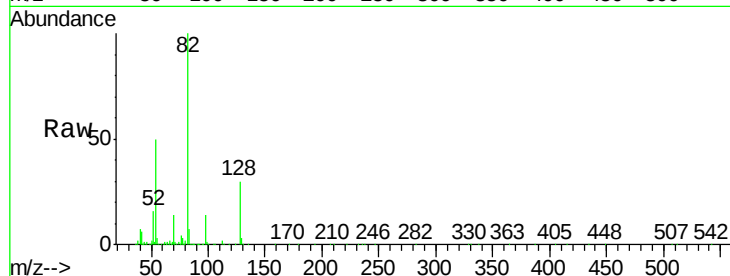




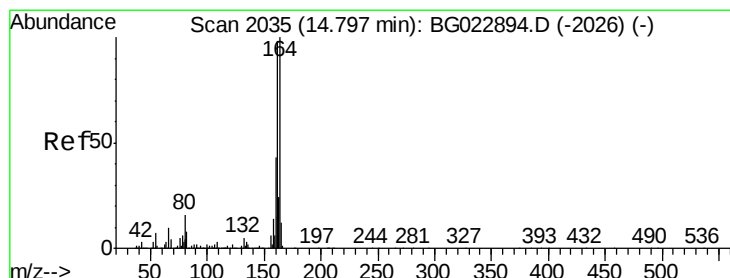
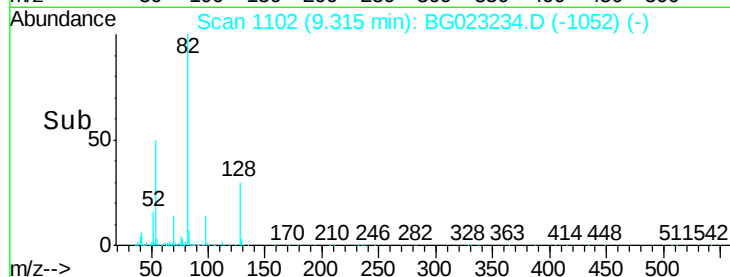
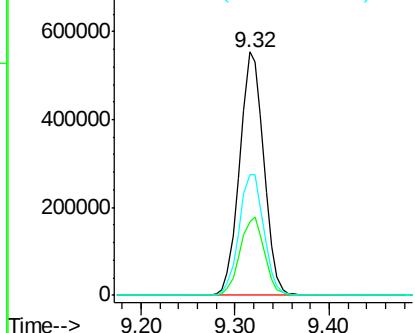
#23
Nitrobenzene-d5
Concen: 97.82 ng
RT: 9.32 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Instrument :
BNA_G
ClientSampleId :
D-16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.4	24.4	36.6
54	49.5	41.4	62.0

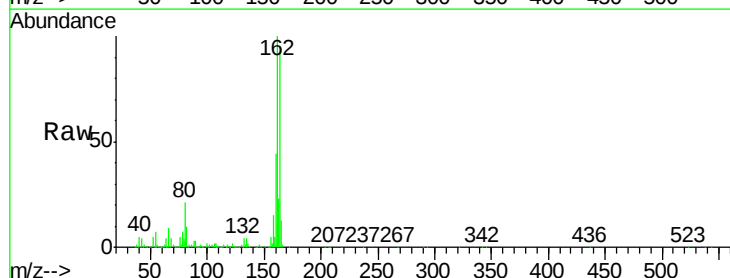


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

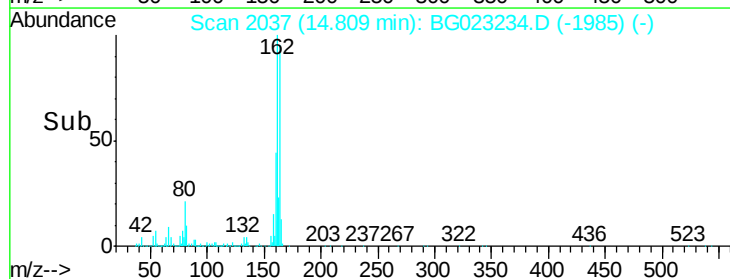
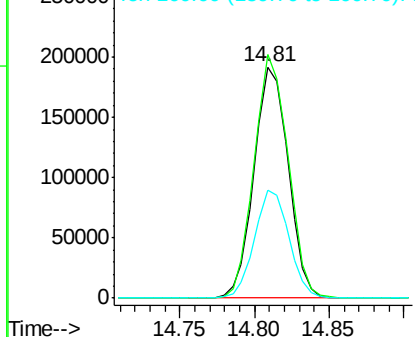


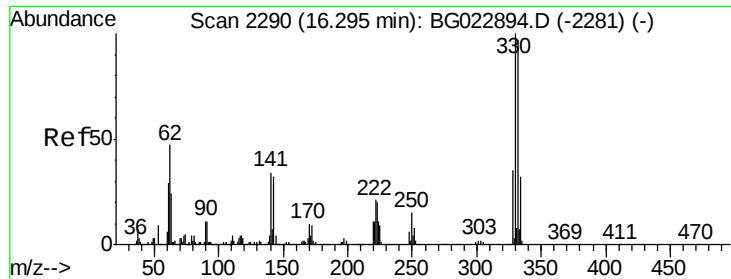
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BG023234.D
Acq: 23 Jul 2016 3:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	87.7	131.5
160	46.8	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 108.32 ng

RT: 16.31 min Scan# 2292

Delta R.T. 0.01 min

Lab File: BG023234.D

Acq: 23 Jul 2016 3:29

Instrument :

BNA_G

ClientSampleId :

D-16

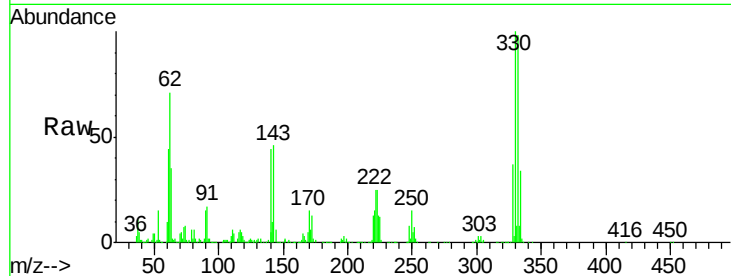
Tgt Ion:330 Resp: 589670

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

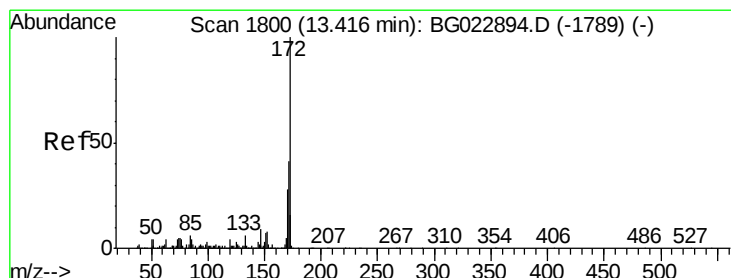
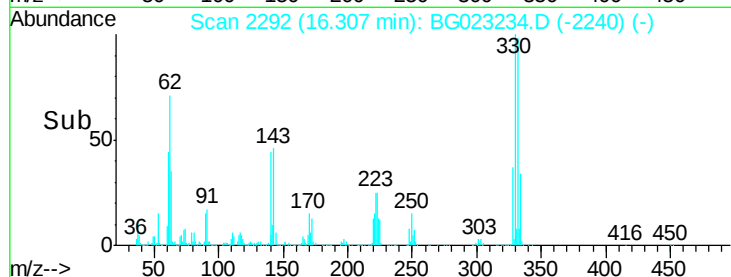
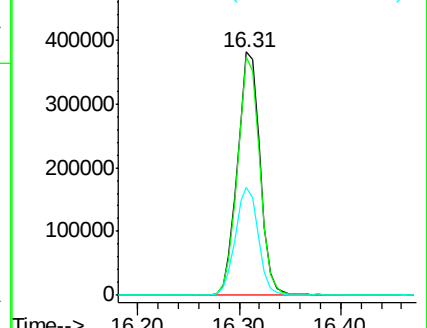
141 44.8 31.7 47.5



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



#44

2-Fluorobiphenyl

Concen: 89.76 ng

RT: 13.43 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BG023234.D

Acq: 23 Jul 2016 3:29

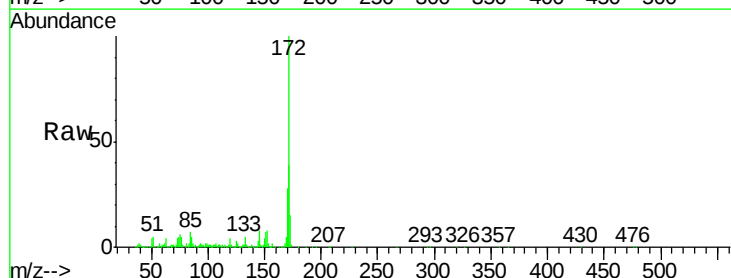
Tgt Ion:172 Resp: 1726052

Ion Ratio Lower Upper

172 100

171 39.4 31.6 47.4

170 28.1 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

