

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041619\
 Data File : BG040523.D
 Acq On : 17 Apr 2019 4:56
 Operator : JU/SJ
 Sample : K2411-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 07:00:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

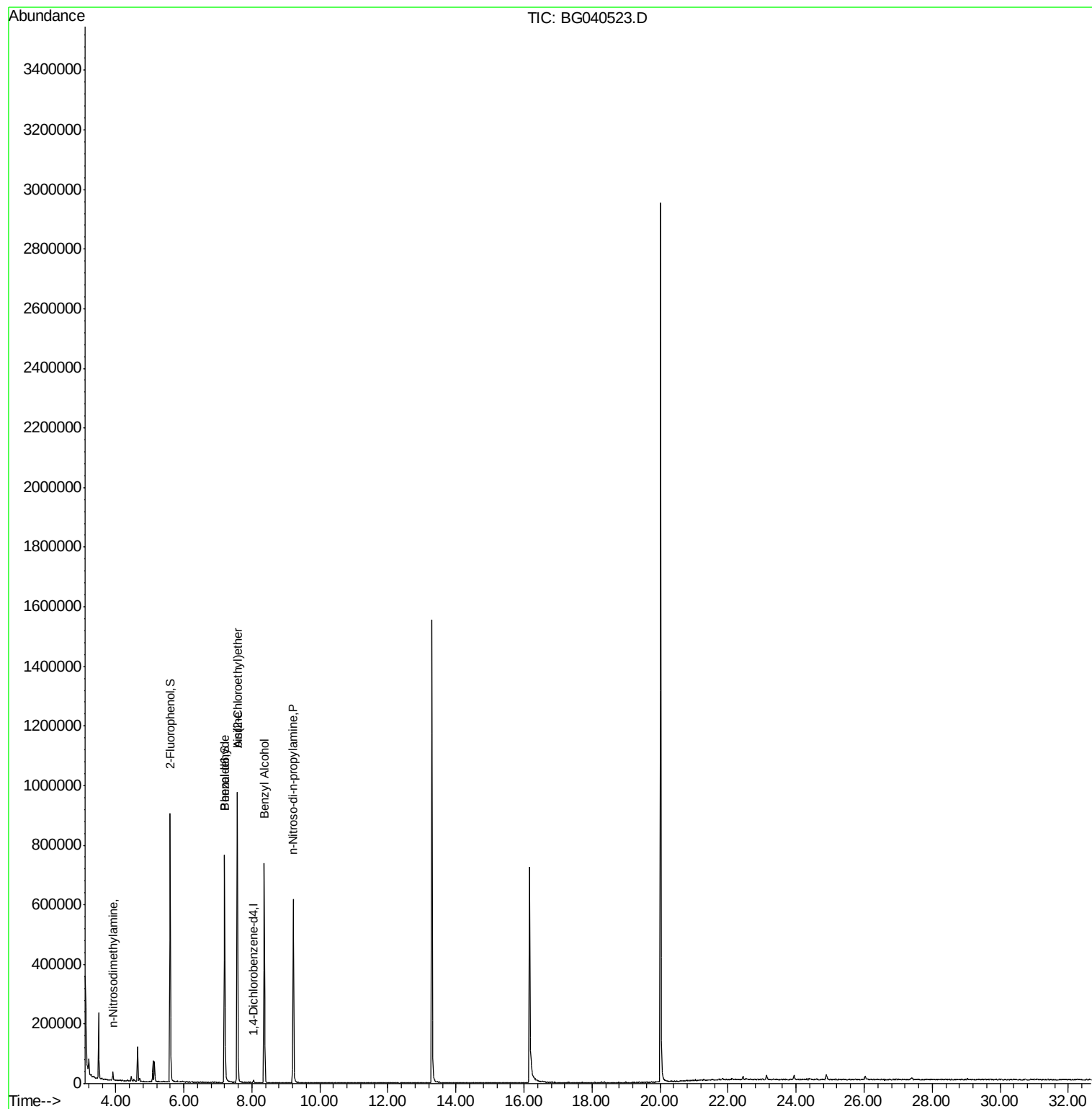
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	2895	20.00	ng	-0.03
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.88
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.70
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.45
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.73
87) Perylene-d12	0.00	264	0	0.00	ng	-25.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	387754	2226.62	ng	-0.02
7) Phenol-d6	7.20	99	466578	1938.66	ng	-0.03
23) Nitrobenzene-d5	9.22	82	389147	0.00	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	168401	0.00	ng	-0.03
45) 2-Fluorobiphenyl	13.29	172	859776	0.00	ng	-0.03
79) Terphenyl-d14	20.02	244	1432207	0.00	ng	-0.03
Target Compounds						
4) n-Nitrosodimethylamine	3.92	42	2305	22.602	ng	# 26
6) Aniline	7.58	93	726	2.322	ng	# 1
9) Benzaldehyde	7.20	77	766	4.640	ng	# 2
11) bis(2-Chloroethyl)ether	7.58	93	726	3.470	ng	# 1
15) Benzyl Alcohol	8.36	79	6034	31.132	ng	# 50
19) n-Nitroso-di-n-propylamine	9.22	70	50452	292.382	ng	# 73

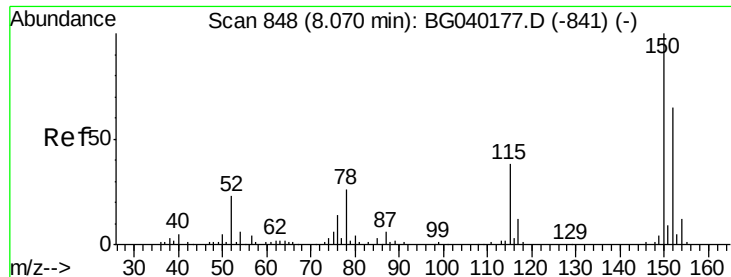
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.03 min

Lab File: BG040523.D

Acq: 17 Apr 2019 4:56

Instrument :

BNA_G

ClientSampleId :

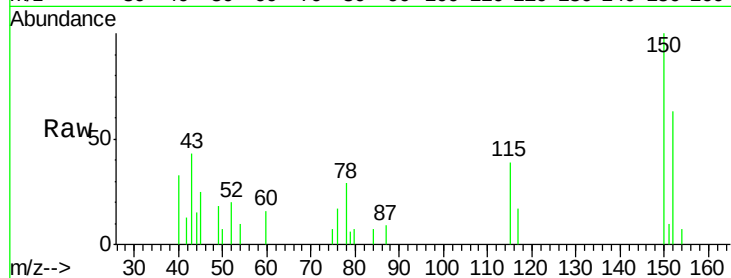
Tot Ion:152 Resp: 2895

Ion Ratio Lower Upper

152 100

150 159.8 123.7 185.5

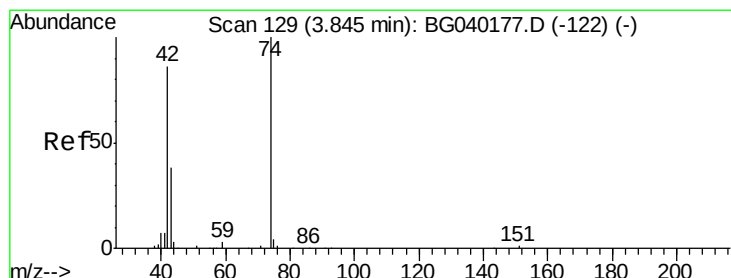
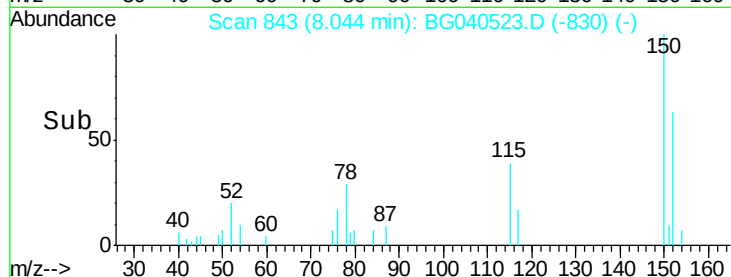
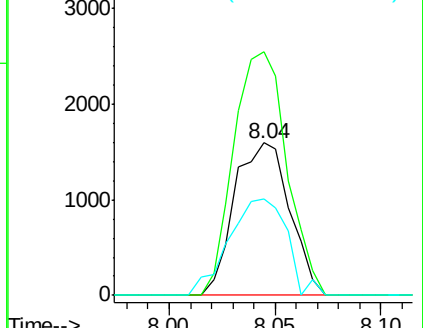
115 63.1 46.9 70.3



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



#4

n-Nitrosodimethylamine

Concen: 22.602 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.07 min

Lab File: BG040523.D

Acq: 17 Apr 2019 4:56

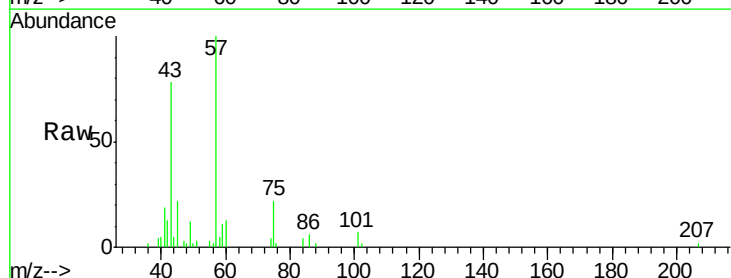
Tgt Ion: 42 Resp: 2305

Ion Ratio Lower Upper

42 100

74 33.6 92.9 139.3#

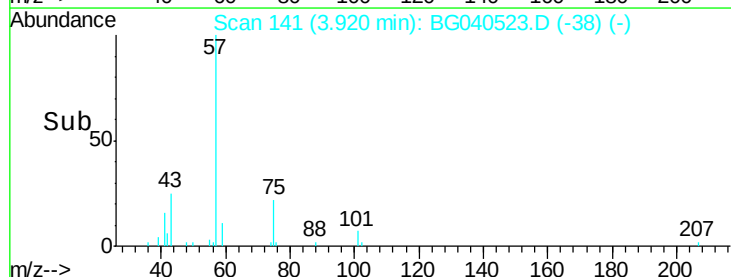
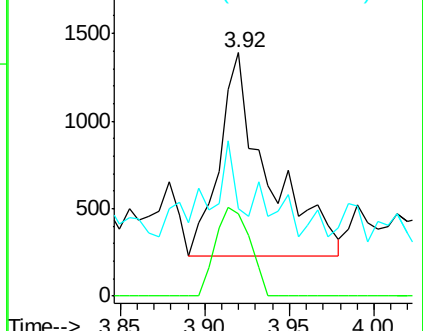
44 35.9 9.7 14.5#

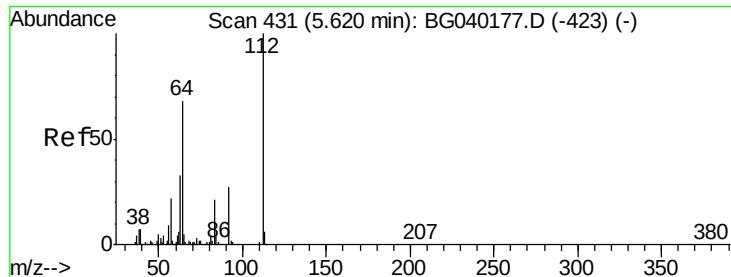


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 2226.622 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040523.D

Acq: 17 Apr 2019 4:56

Instrument :

BNA_G

ClientSampleId :

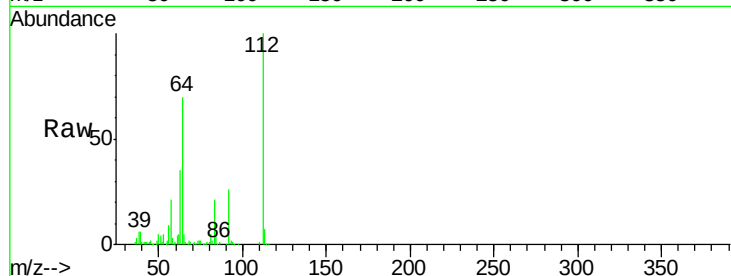
Tot Ion: 112 Resp: 387754

Ion Ratio Lower Upper

112 100

64 70.1 54.2 81.2

63 35.1 26.4 39.6



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

300000

250000

200000

150000

100000

50000

0

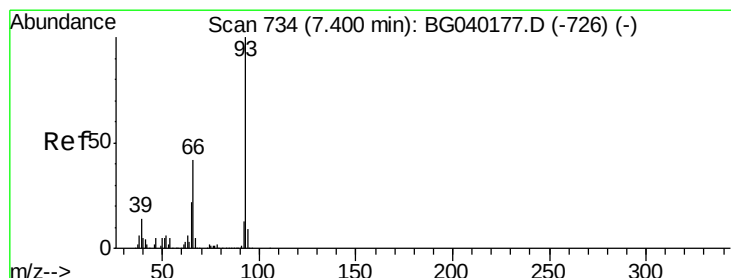
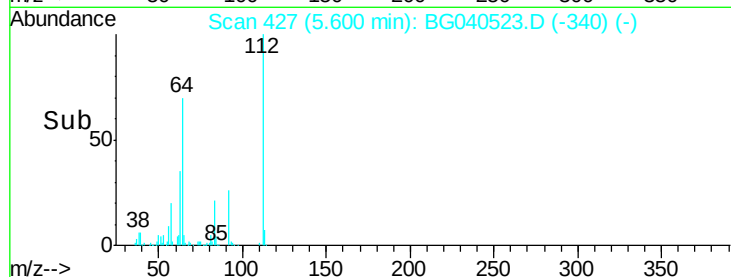
5.50

5.60

5.70

5.80

Time-->



#6

Aniline

Concen: 2.322 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.18 min

Lab File: BG040523.D

Acq: 17 Apr 2019 4:56

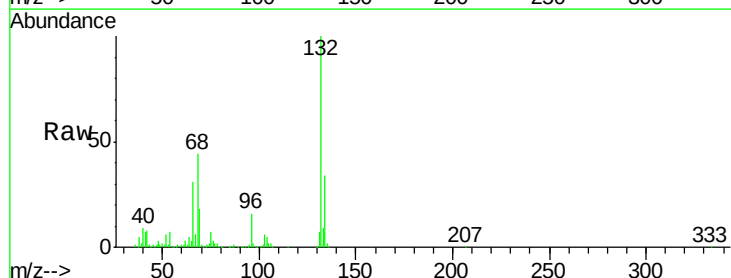
Tgt Ion: 93 Resp: 726

Ion Ratio Lower Upper

93 100

66 12899.8 33.6 50.4#

65 1249.5 17.4 26.2#



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

100000

80000

60000

40000

20000

0

7.52

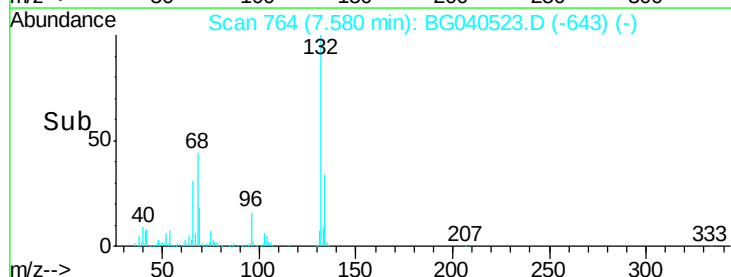
7.54

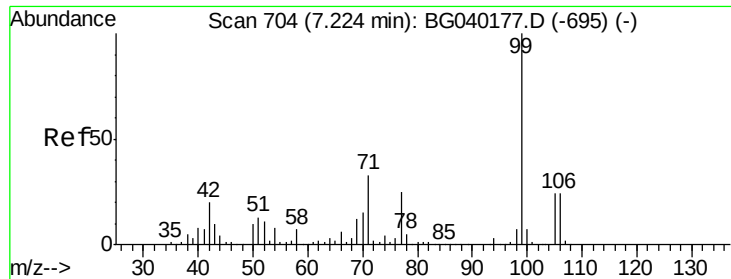
7.56

7.58

7.60

Time-->





#7

Phenol-d6

Concen: 1938.658 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040523.D

Acq: 17 Apr 2019 4:56

Instrument :

BNA_G

ClientSampleId :

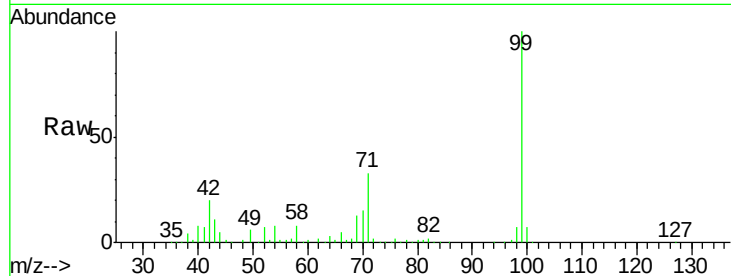
Tot Ion: 99 Resp: 466578

Ion Ratio Lower Upper

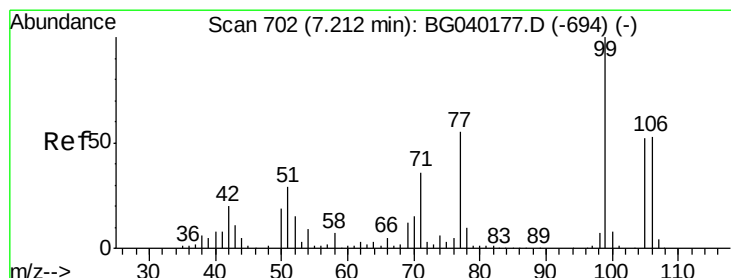
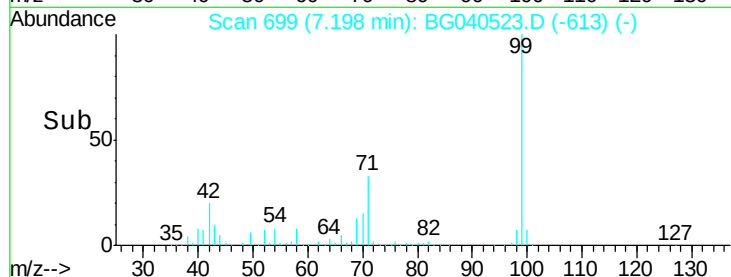
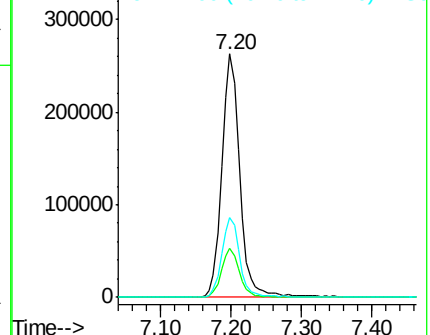
99 100

42 20.1 16.2 24.2

71 32.6 26.8 40.2



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



#9

Benzaldehyde

Concen: 4.640 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG040523.D

Acq: 17 Apr 2019 4:56

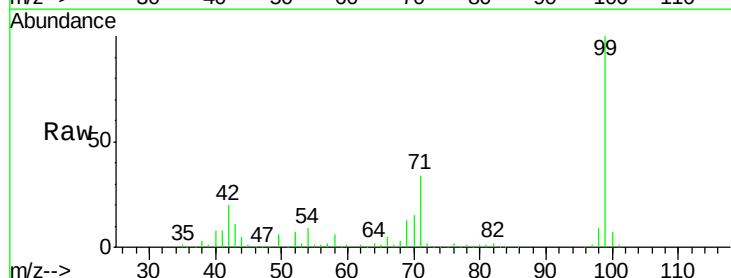
Tgt Ion: 77 Resp: 766

Ion Ratio Lower Upper

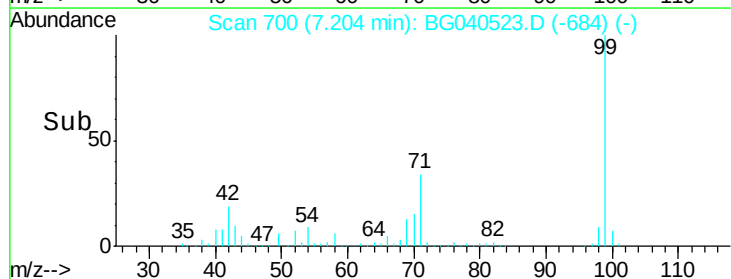
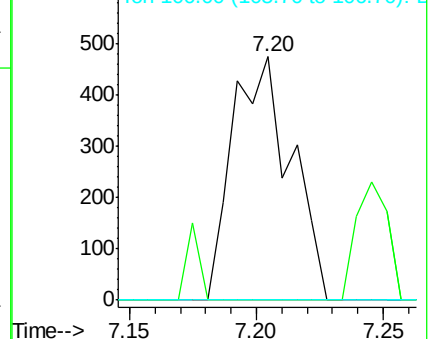
77 100

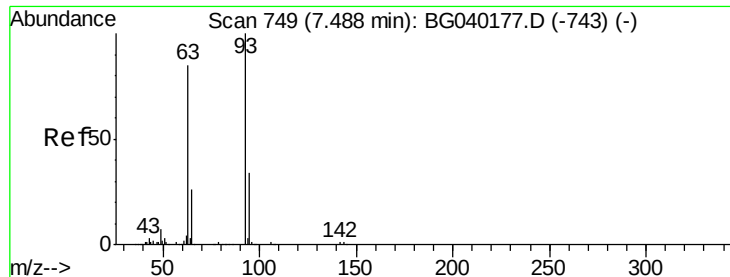
105 0.0 75.0 115.0#

106 0.0 75.7 115.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

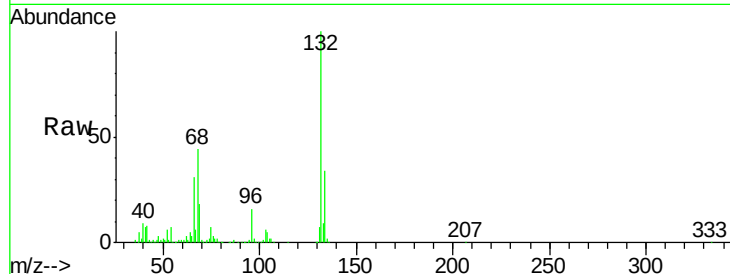




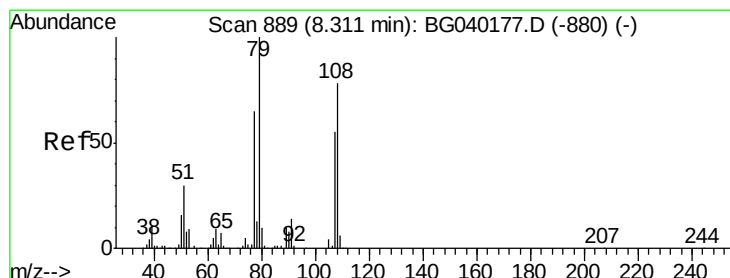
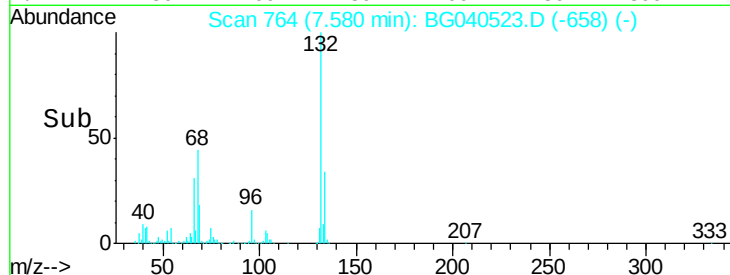
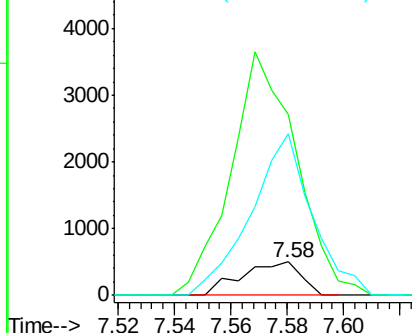
#11
bis(2-Chloroethyl)ether
Concen: 3.470 ng
RT: 7.58 min Scan# 764
Delta R.T. 0.09 min
Lab File: BG040523.D
Acq: 17 Apr 2019 4:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 726
Ion Ratio Lower Upper
93 100
63 545.3 64.2 104.2#
95 487.7 14.0 54.0#

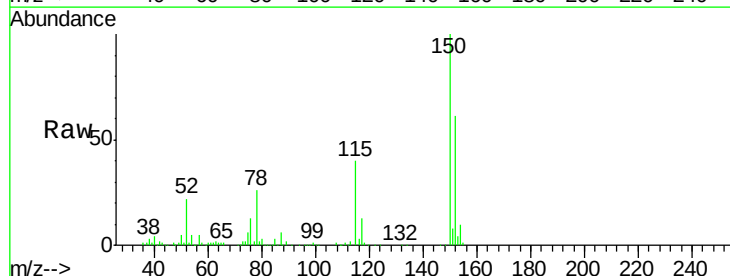


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

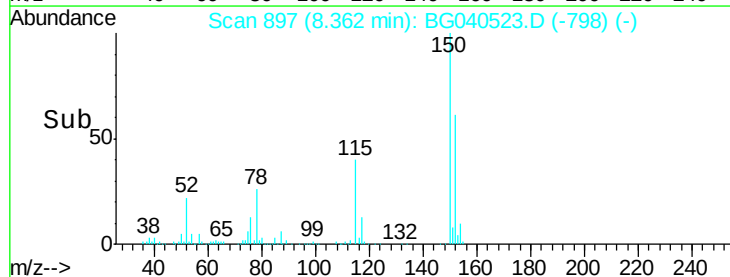
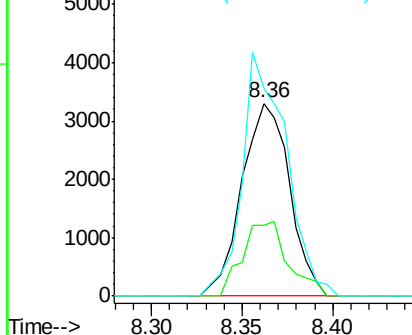


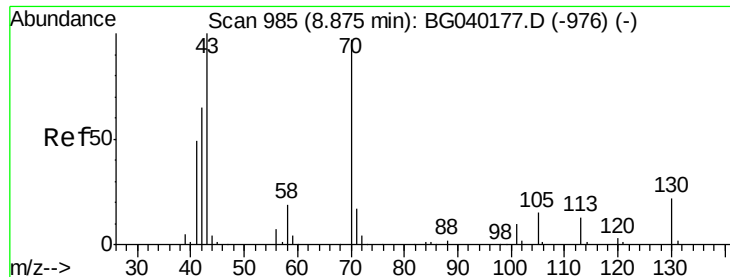
#15
Benzyl Alcohol
Concen: 31.132 ng
RT: 8.36 min Scan# 897
Delta R.T. 0.05 min
Lab File: BG040523.D
Acq: 17 Apr 2019 4:56

Tgt Ion: 79 Resp: 6034
Ion Ratio Lower Upper
79 100
108 37.0 62.1 93.1#
77 107.6 51.9 77.9#



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

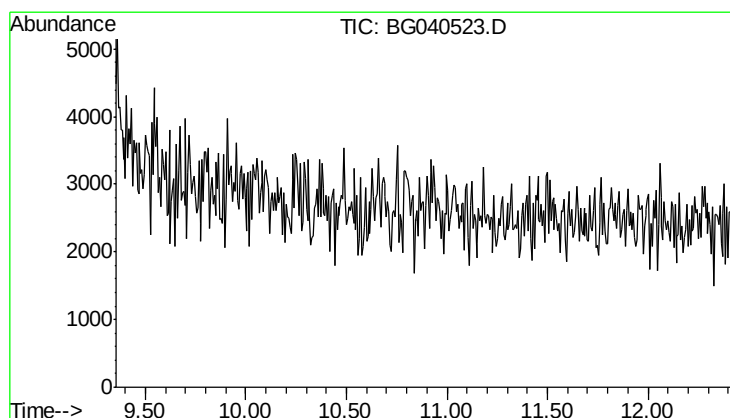
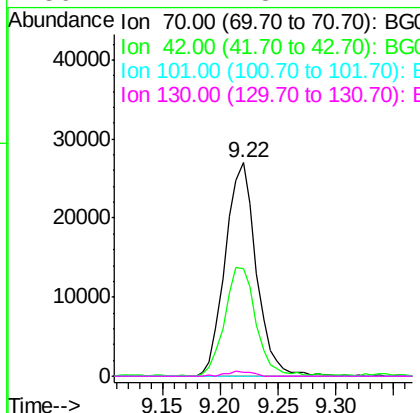
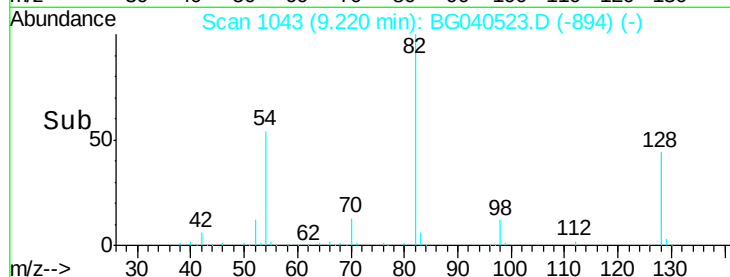
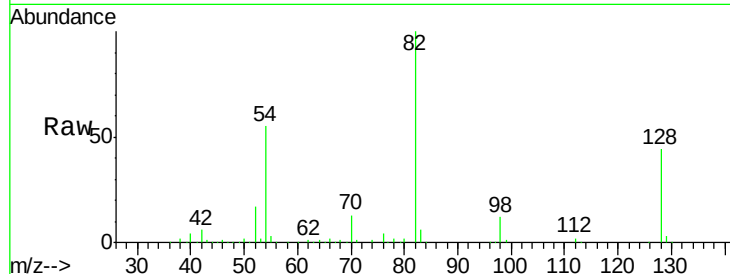




#19
n-Nitroso-di-n-propylamine
Concen: 292.382 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.34 min
Lab File: BG040523.D
Acq: 17 Apr 2019 4:56

Instrument :
BNA_G
ClientSampleId :

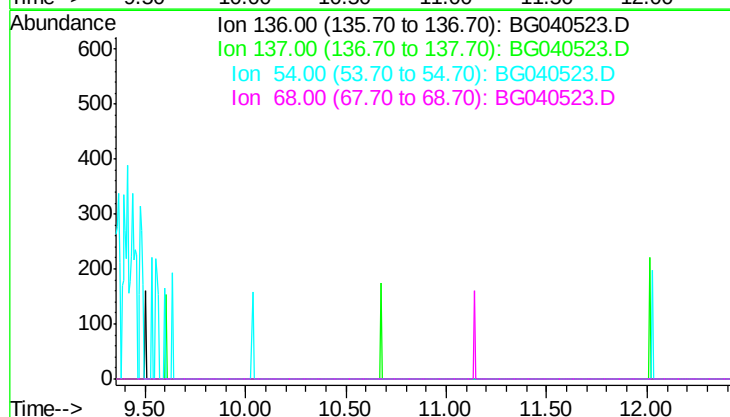
Tot Ion: 70 Resp: 50452
Ion Ratio Lower Upper
70 100
42 50.5 54.0 81.0#
101 0.0 8.6 13.0#
130 2.1 18.2 27.2#

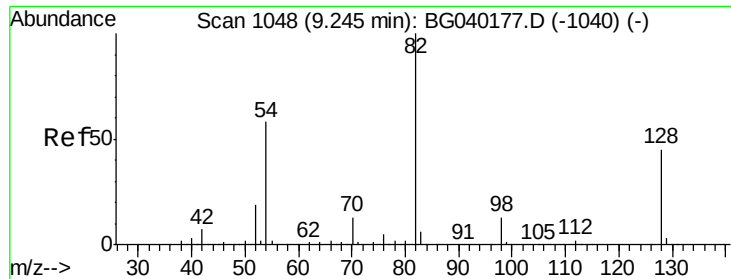


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.88 min

Lab File: BG040523.D
Acq: 17 Apr 2019 4:56

Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.1
54 12.0
68 6.4

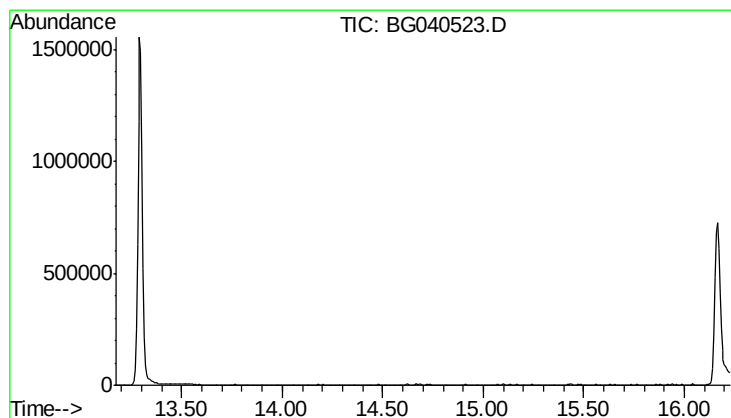
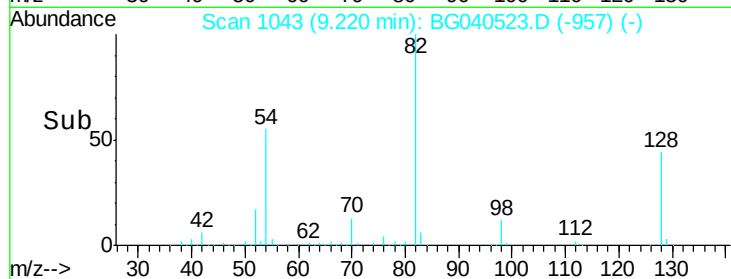
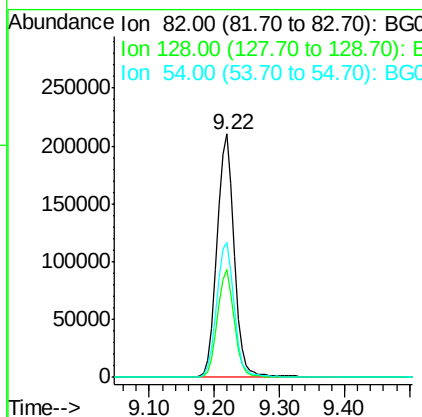
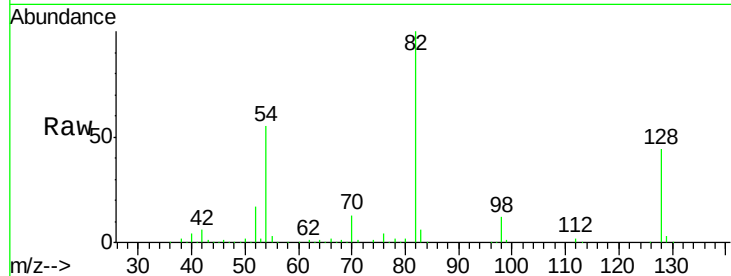




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040523.D
 Acq: 17 Apr 2019 4:56

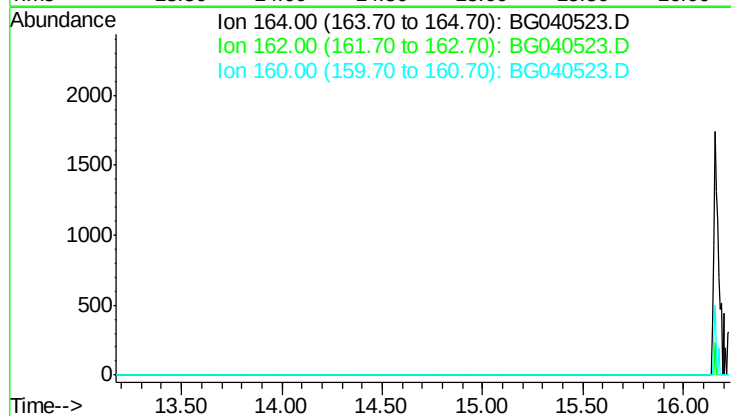
Instrument :
 BNA_G
 ClientSampleId :

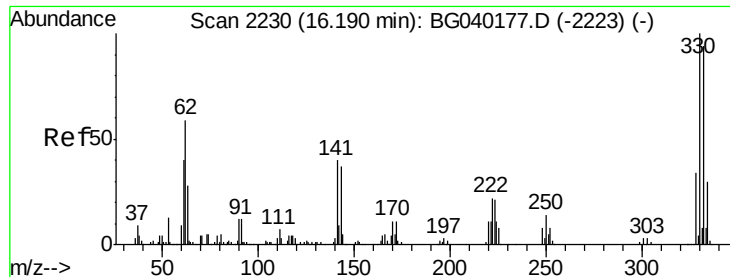
Tot Ion: 82 Resp: 389147
 Ion Ratio Lower Upper
 82 100
 128 44.1 35.8 53.8
 54 55.3 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 14.70 min
 Lab File: BG040523.D
 Acq: 17 Apr 2019 4:56

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 96.8
 160 44.1





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040523.D

Acq: 17 Apr 2019 4:56

Instrument :

BNA_G

ClientSampleId :

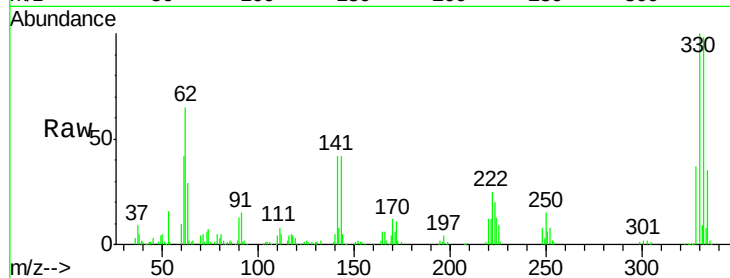
Tot Ion:330 Resp: 168401

Ion Ratio Lower Upper

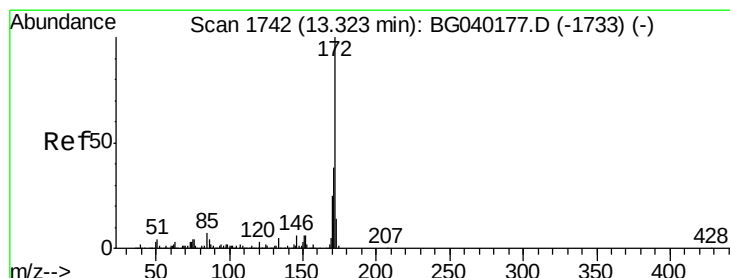
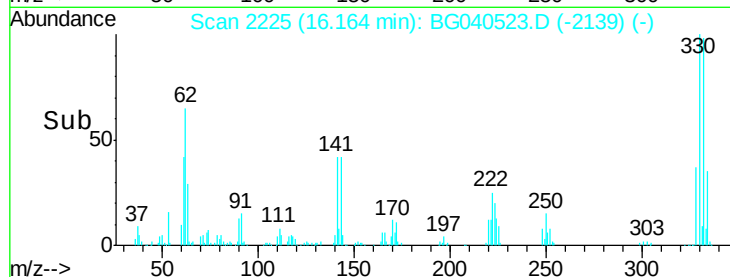
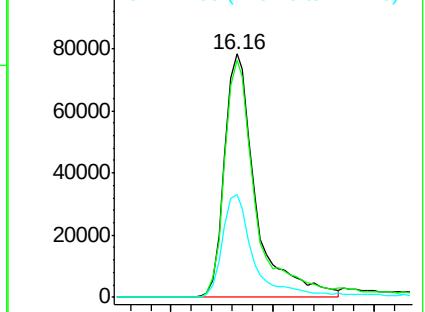
330 100

332 96.0 76.6 115.0

141 43.5 32.6 48.8



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



#45

2-Fluorobiphenyl

Concen: 0.000 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.03 min

Lab File: BG040523.D

Acq: 17 Apr 2019 4:56

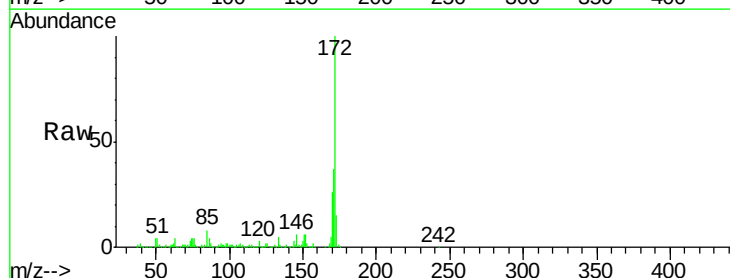
Tgt Ion:172 Resp: 859776

Ion Ratio Lower Upper

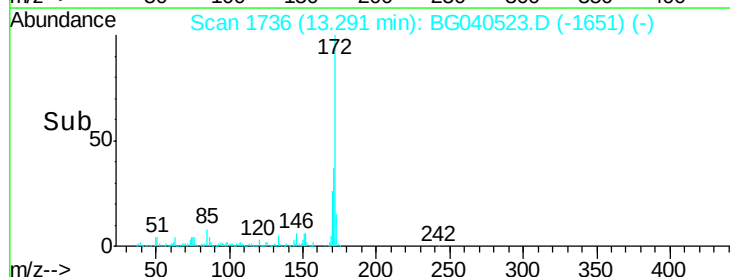
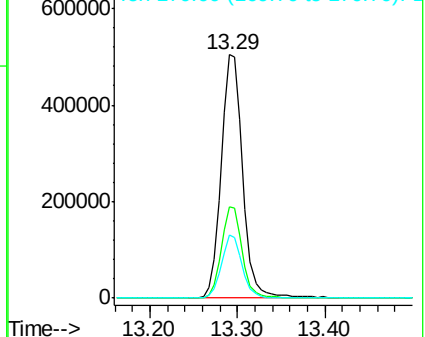
172 100

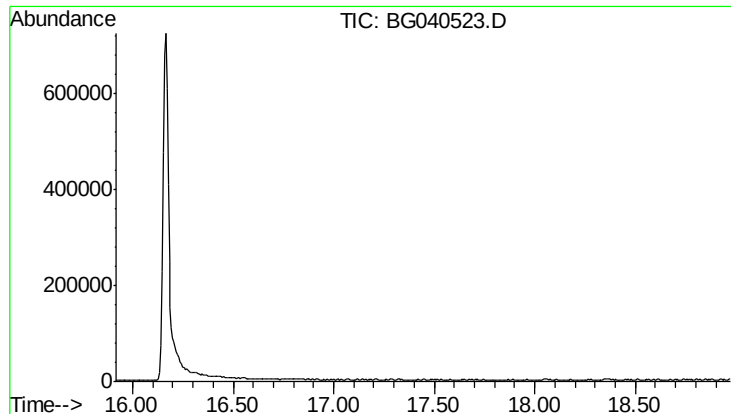
171 37.3 30.5 45.7

170 26.0 20.1 30.1



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

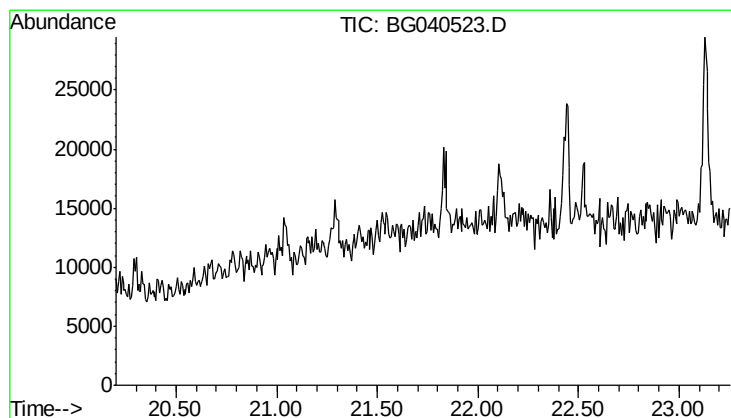
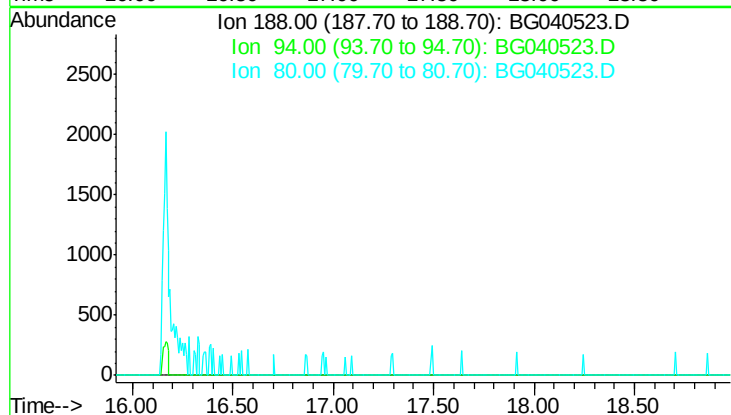




#64
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 17.45 min
 Lab File: BG040523.D
 Acq: 17 Apr 2019 4:56

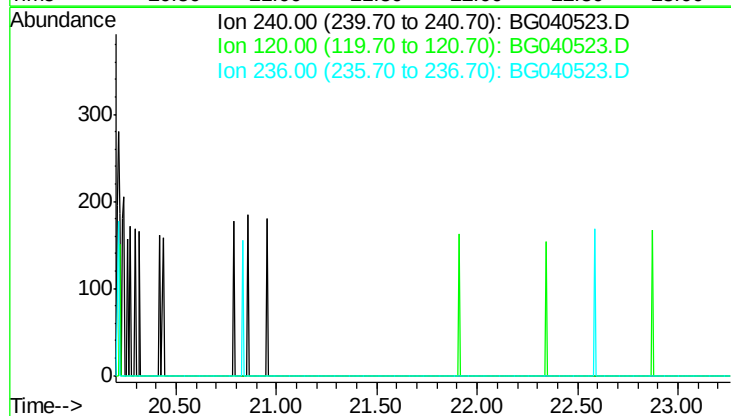
Instrument :
 BNA_G
 ClientSampleId :

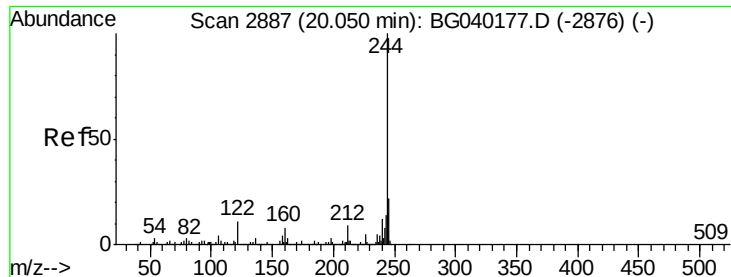
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 8.7
 80 10.8



#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 21.73 min
 Lab File: BG040523.D
 Acq: 17 Apr 2019 4:56

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 10.5
 236 26.0





#79

Terphenyl-d14

Concen: 0.000 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG040523.D

Acq: 17 Apr 2019 4:56

Instrument :

BNA_G

ClientSampleId :

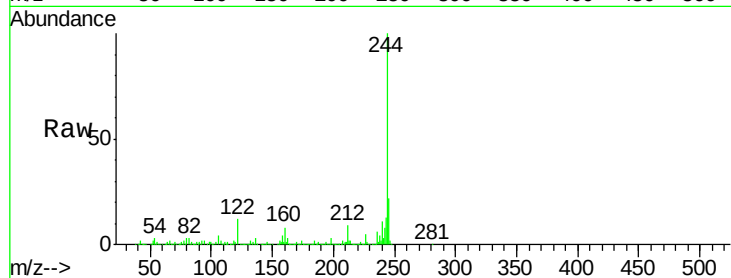
Tot Ion:244 Resp: 1432207

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

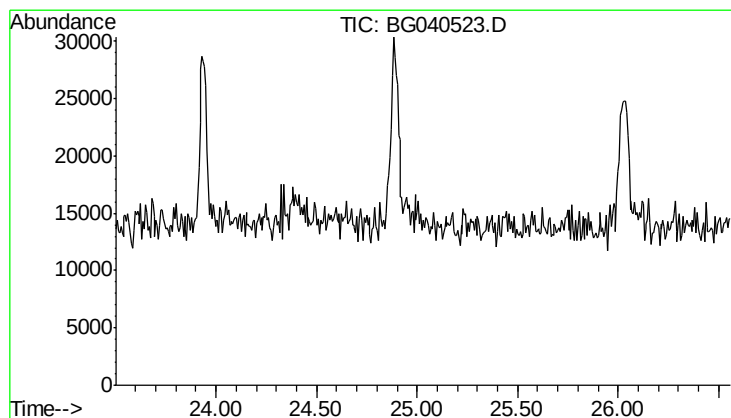
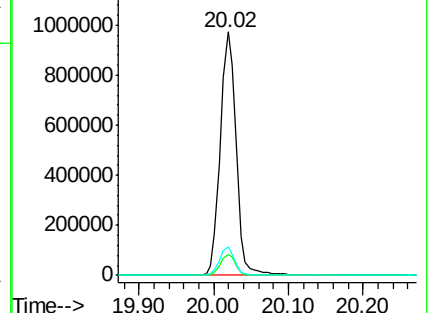
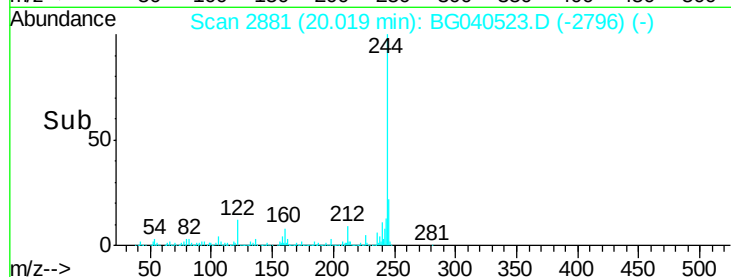
122 11.8 8.5 12.7



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



#87

Perylene-d12

Concen: 0.000 ng

Expected RT: 25.03 min

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Tgt Ion: 264

Sig Exp Ratio

264 100

260 22.4

265 21.0

