

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040436.D
 Acq On : 11 Apr 2019 6:25
 Operator : JU/SJ
 Sample : PB118790BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 07:04:03 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

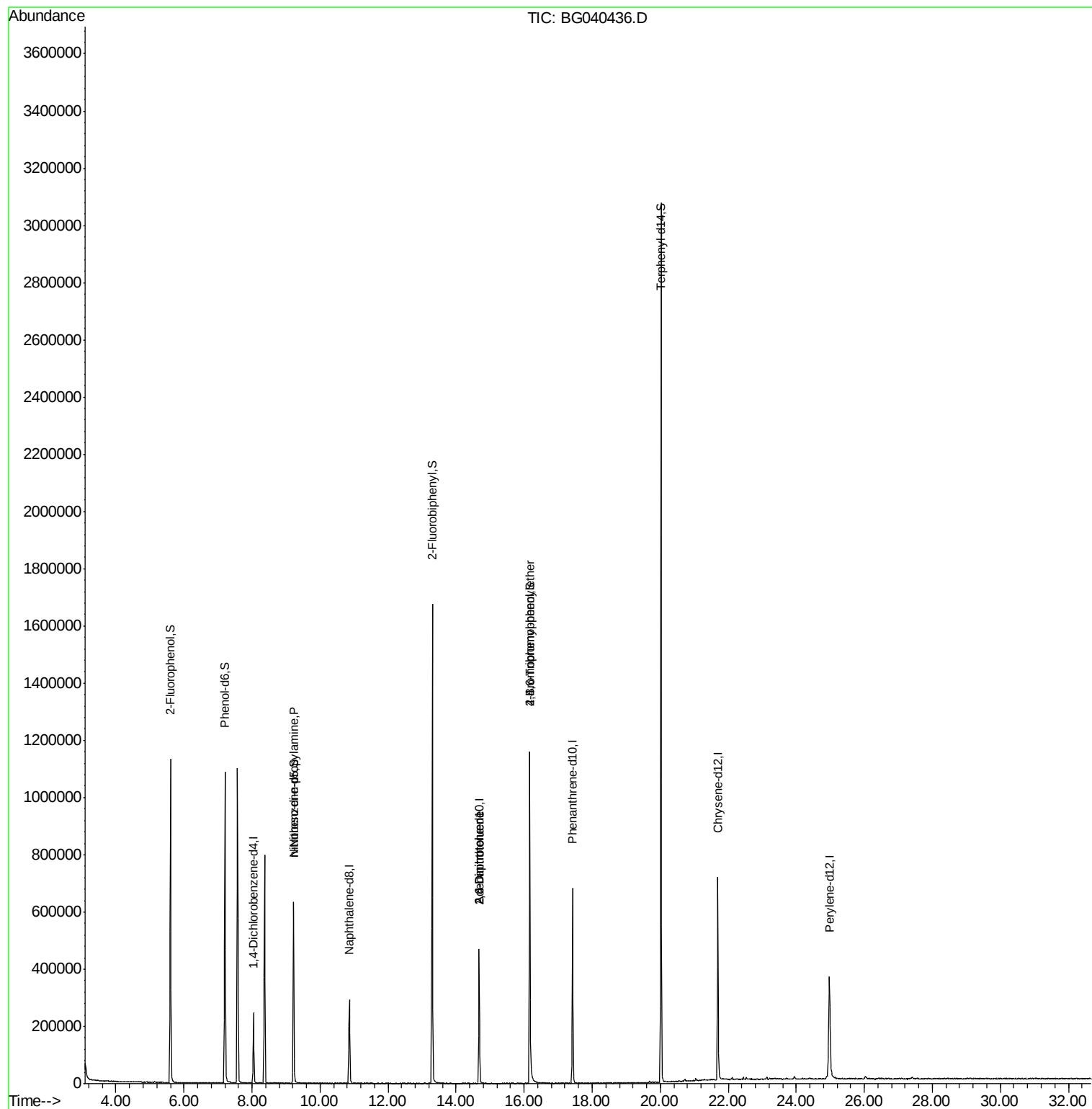
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	71158	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	271763	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	166328	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	439037	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	441197	20.00	ng	-0.04
87) Perylene-d12	24.97	264	431928	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	493249	115.23	ng	-0.02
7) Phenol-d6	7.21	99	666116	112.60	ng	-0.02
23) Nitrobenzene-d5	9.22	82	390932	76.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	229542	127.70	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	893960	79.64	ng	-0.02
79) Terphenyl-d14	20.02	244	1440404	73.45	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	47961	11.308	ng	# 76
51) 2,6-Dinitrotoluene	14.68	165	20939	7.164	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	20939	5.156	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	17535	3.549	ng	# 1

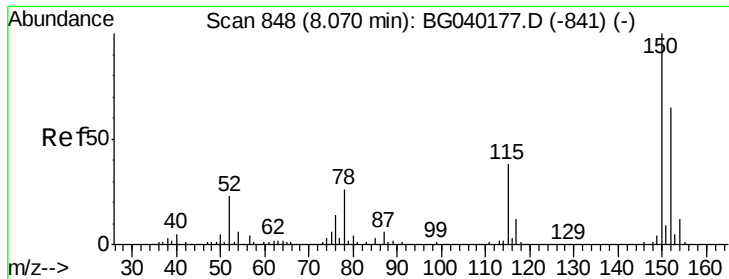
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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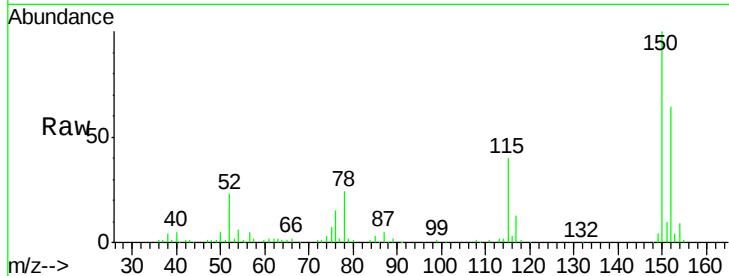


#1

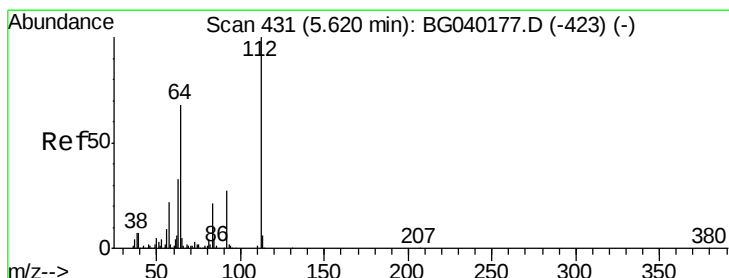
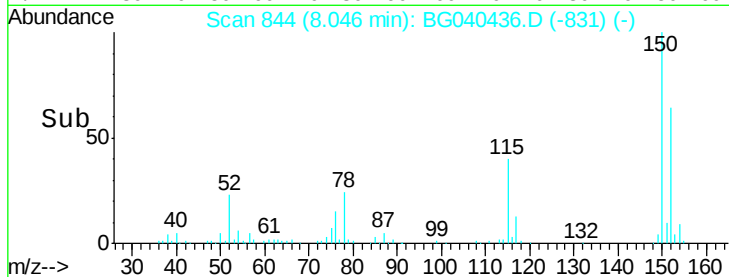
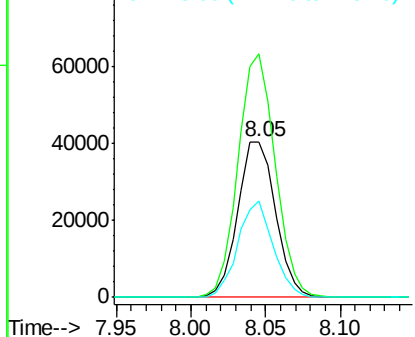
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 71158
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 61.9 46.9 70.3



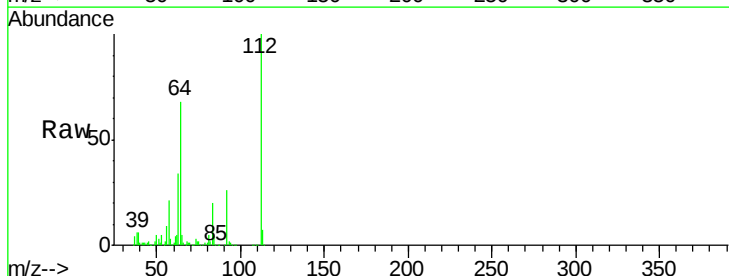
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



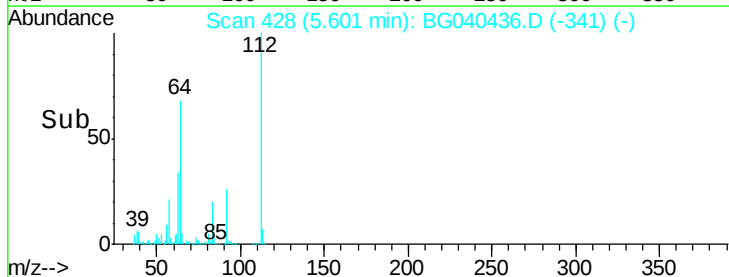
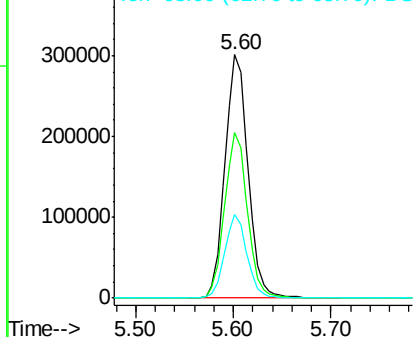
#5

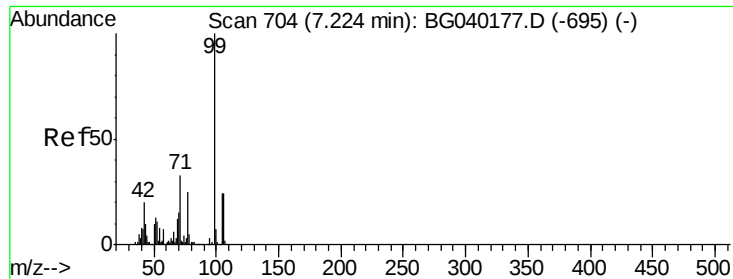
2-Fluorophenol
Concen: 115.234 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion:112 Resp: 493249
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.2
63 34.3 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 112.603 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

Instrument :

BNA_G

ClientSampled :

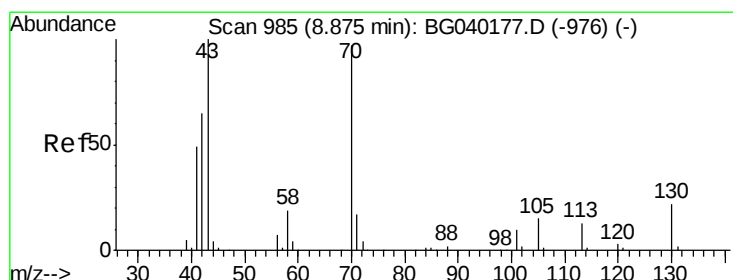
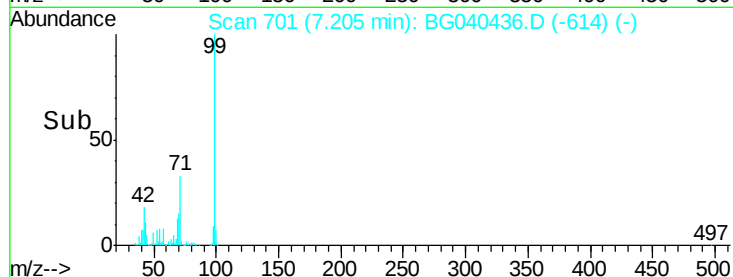
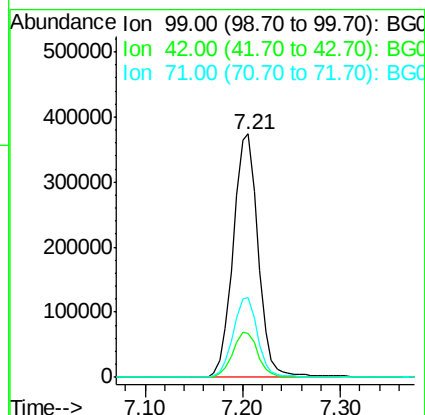
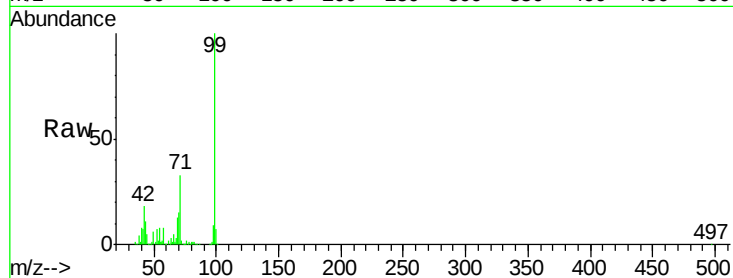
Tot Ion: 99 Resp: 666116

Ion Ratio Lower Upper

99 100

42 18.3 16.2 24.2

71 32.6 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.308 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

Tgt Ion: 70 Resp: 47961

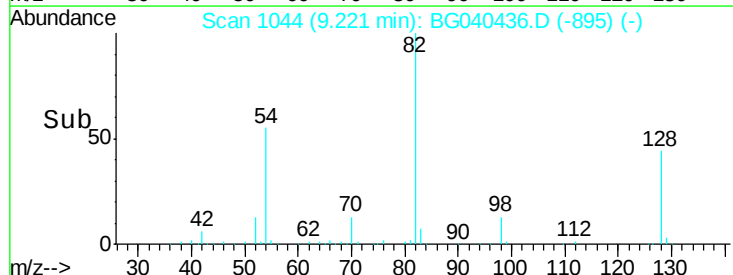
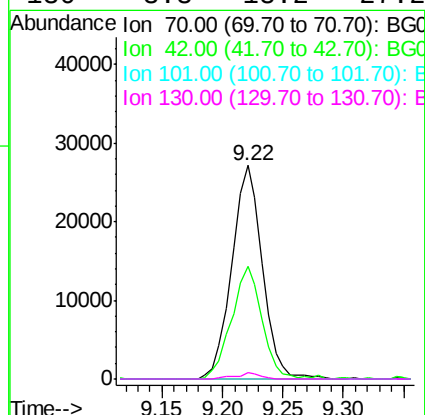
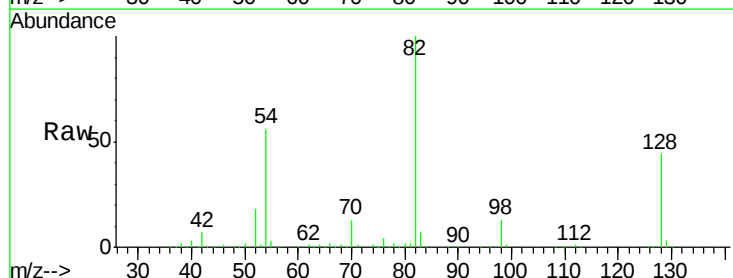
Ion Ratio Lower Upper

70 100

42 52.9 54.0 81.0#

101 0.0 8.6 13.0#

130 3.3 18.2 27.2#

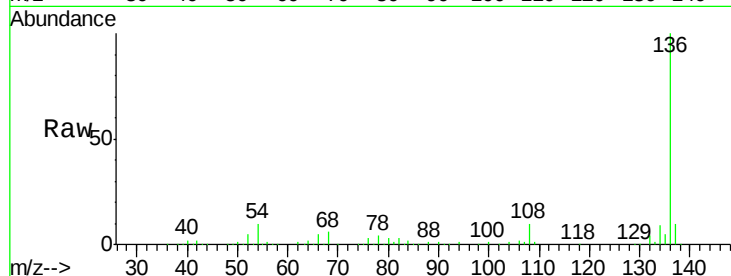




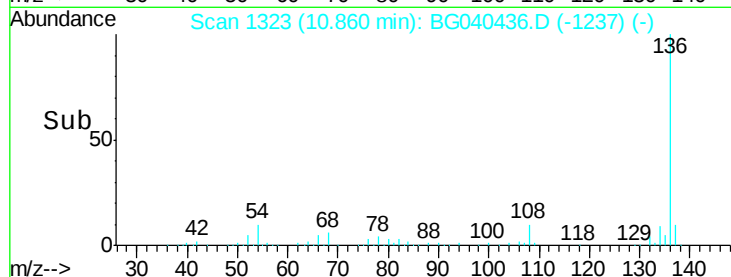
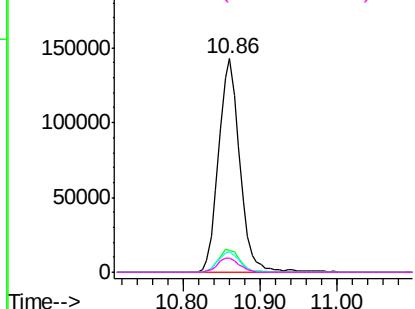
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	271763
Ion Ratio	Lower	Upper
136	100	
137	10.0	8.9 13.3
54	9.9	9.6 14.4
68	6.5	5.1 7.7

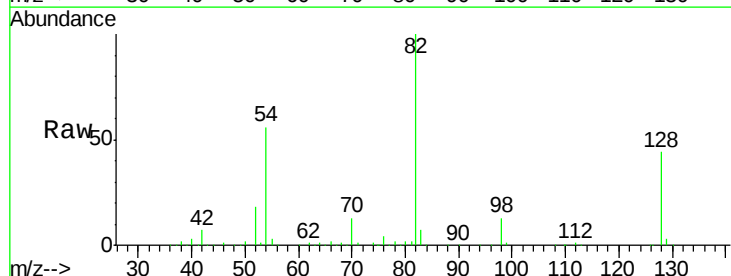


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

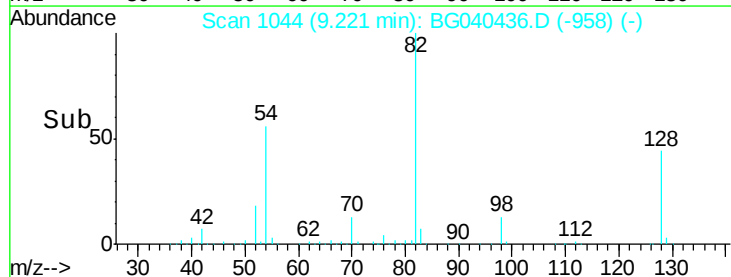
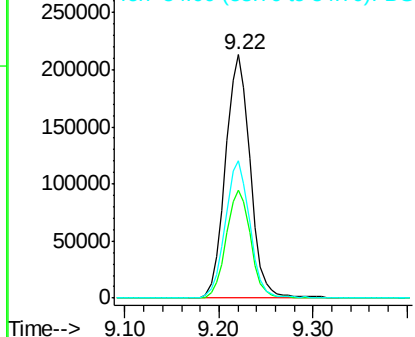


#23
Nitrobenzene-d5
Concen: 76.461 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040436.D
Acq: 11 Apr 2019 6:25

Tgt Ion: 82	Resp:	390932
Ion Ratio	Lower	Upper
82	100	
128	44.3	35.8 53.8
54	56.2	46.2 69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

Instrument :

BNA_G

ClientSampleId :

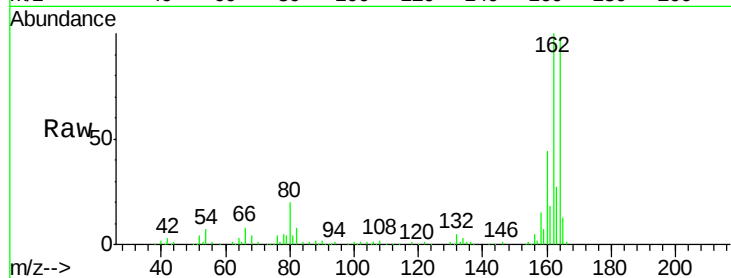
Tot Ion:164 Resp: 166328

Ion Ratio Lower Upper

164 100

162 102.2 77.4 116.2

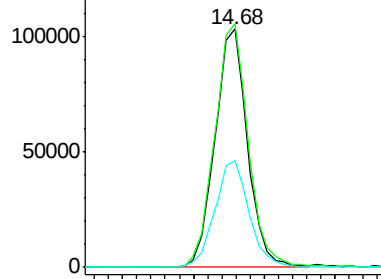
160 45.0 35.3 52.9



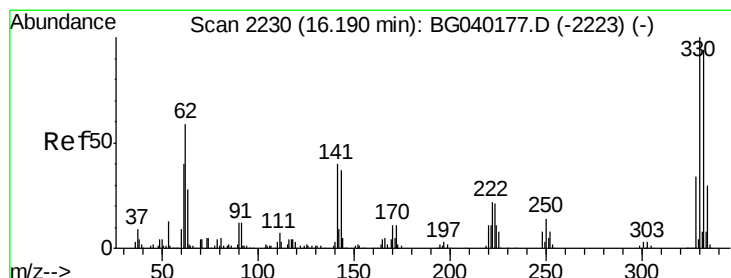
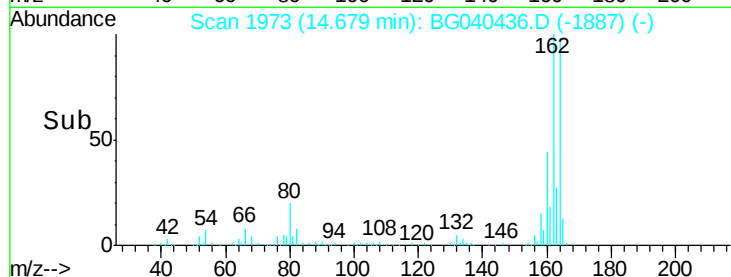
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 127.696 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

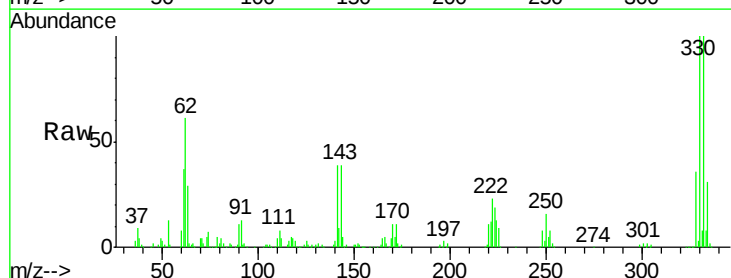
Tgt Ion:330 Resp: 229542

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

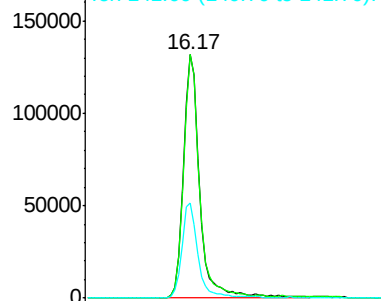
141 38.1 32.6 48.8



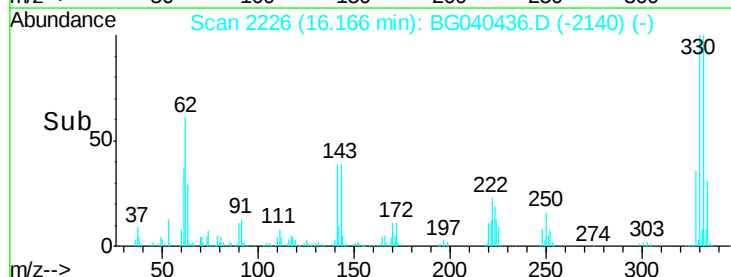
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

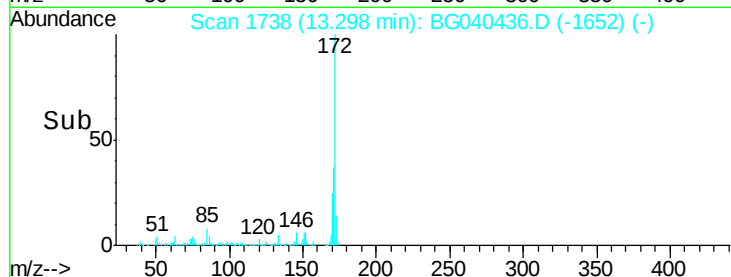
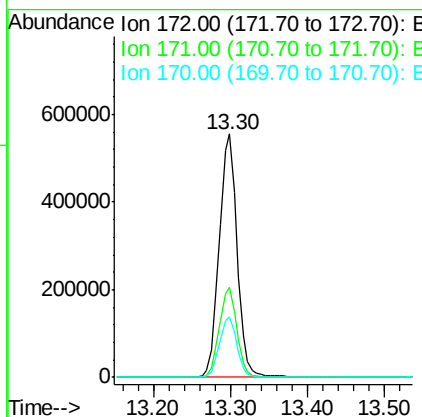
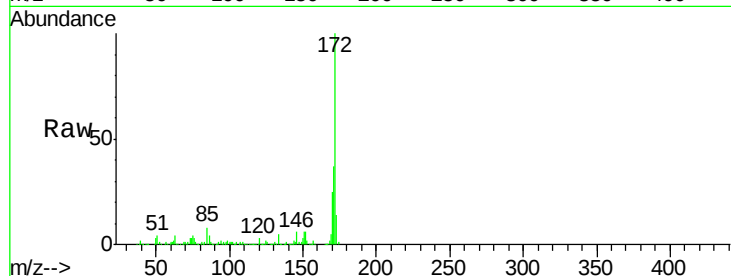




#45
 2-Fluorobiphenyl
 Concen: 79.640 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040436.D
 Acq: 11 Apr 2019 6:25

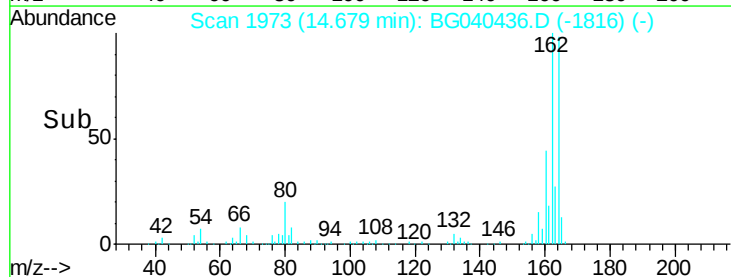
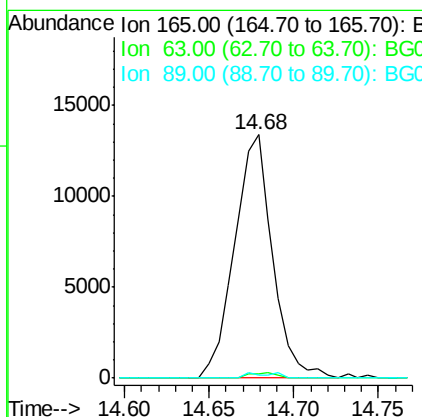
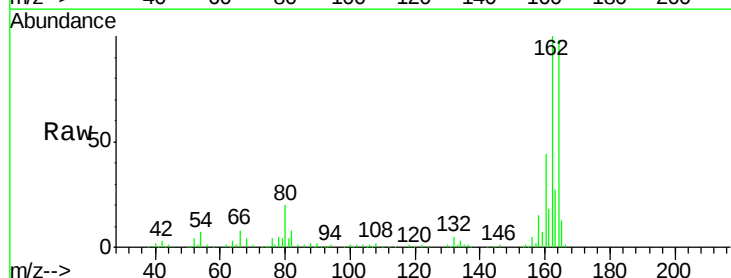
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 893960
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.5 45.7
 170 25.1 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.164 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. 0.39 min
 Lab File: BG040436.D
 Acq: 11 Apr 2019 6:25

Tgt Ion:165 Resp: 20939
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.1 66.1#
 89 1.4 44.9 67.3#

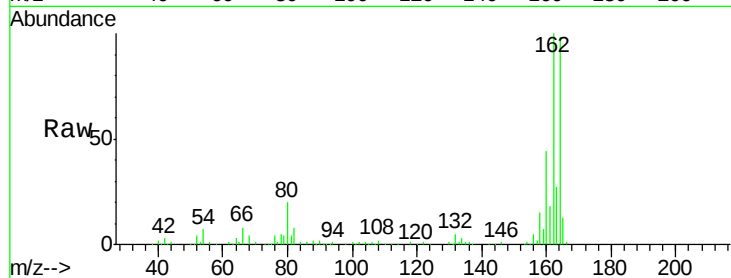




#57
 2,4-Dinitrotoluene
 Concen: 5.156 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040436.D
 Acq: 11 Apr 2019 6:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.8	50.6#
89	1.4	55.4	83.2#
182	0.0	2.2	3.4#

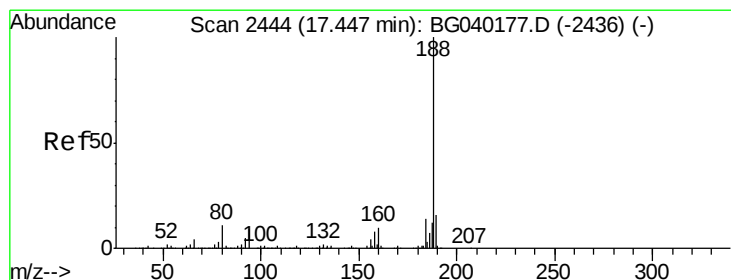
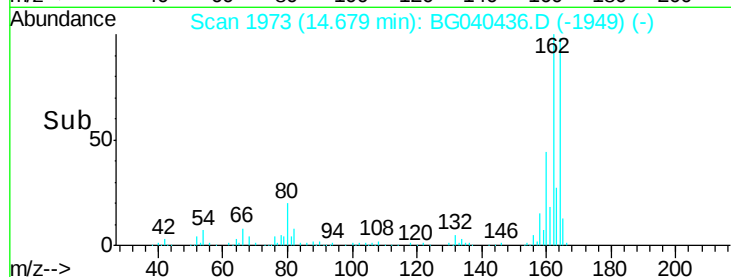
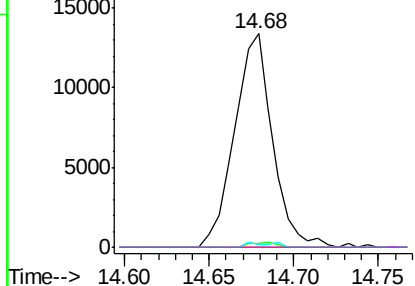


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

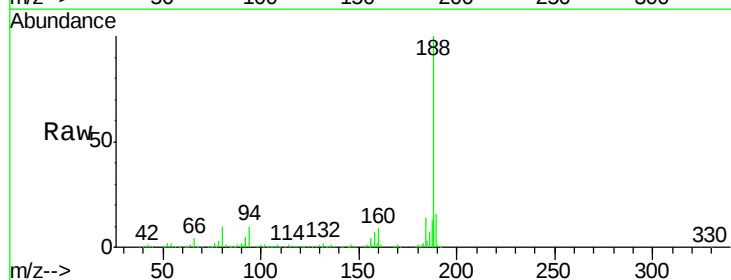
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040436.D
 Acq: 11 Apr 2019 6:25

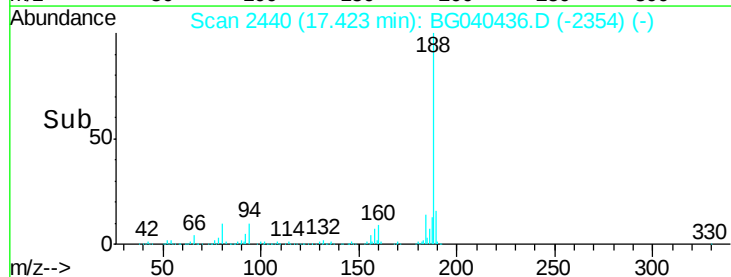
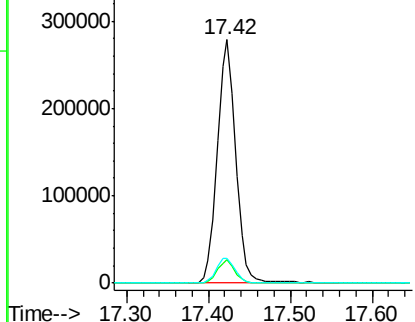
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	9.9	8.6	13.0



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

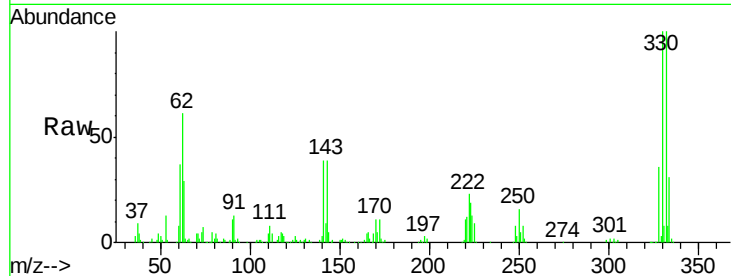




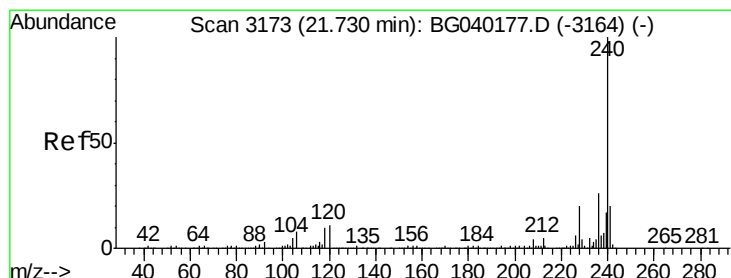
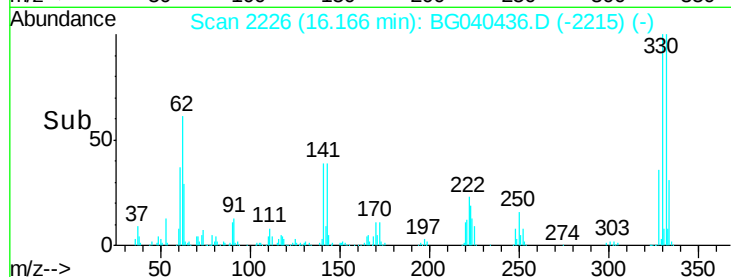
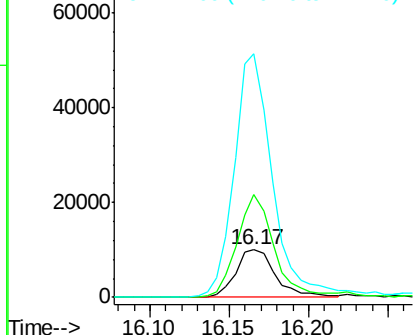
#67
 4-Bromophenyl-phenylether
 Concen: 3.549 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040436.D
 Acq: 11 Apr 2019 6:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 17535
 Ion Ratio Lower Upper
 248 100
 250 214.3 76.4 114.6#
 141 510.1 53.8 80.8#

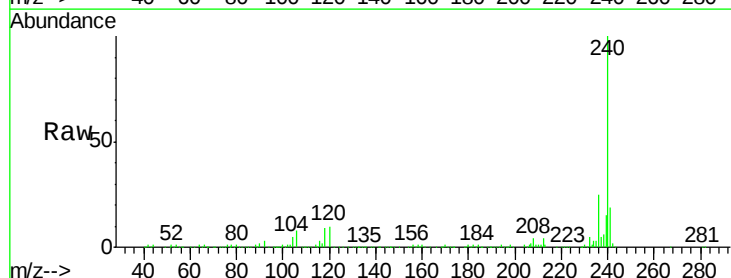


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

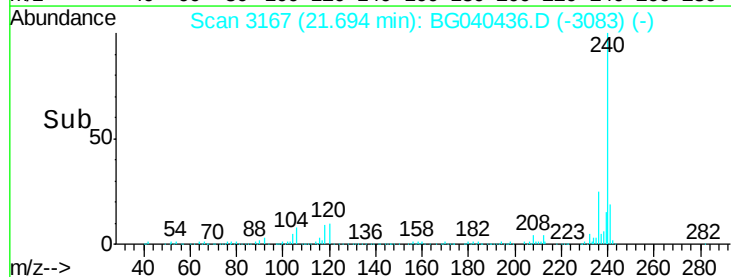
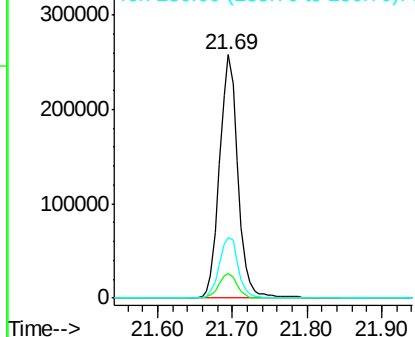


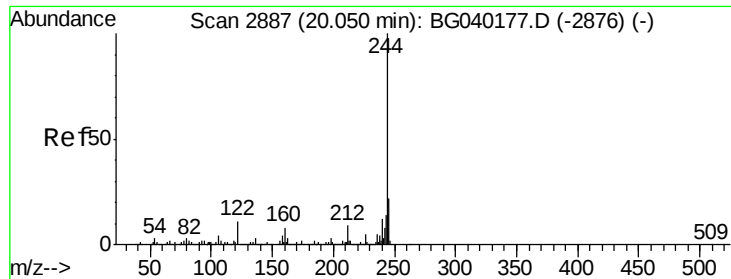
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.04 min
 Lab File: BG040436.D
 Acq: 11 Apr 2019 6:25

Tgt Ion:240 Resp: 441197
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.4 12.6
 236 25.1 20.8 31.2



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





#79

Terphenyl-d14

Concen: 73.446 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

Instrument :

BNA_G

ClientSampleId :

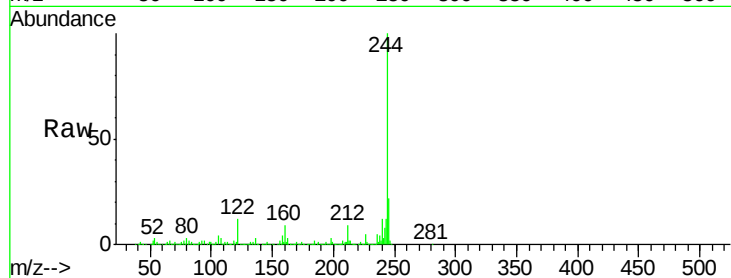
Tot Ion:244 Resp: 1440404

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

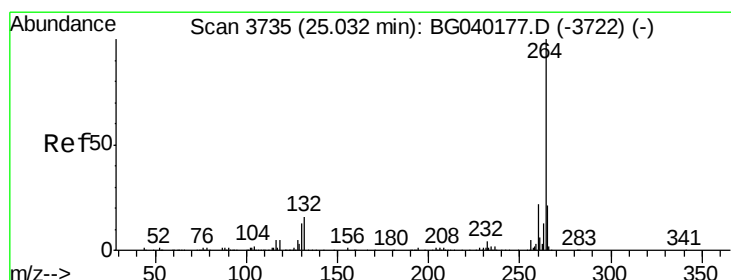
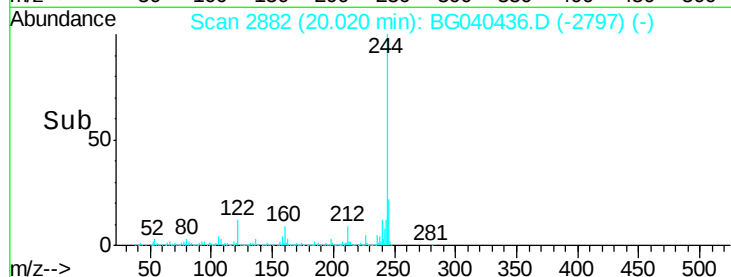
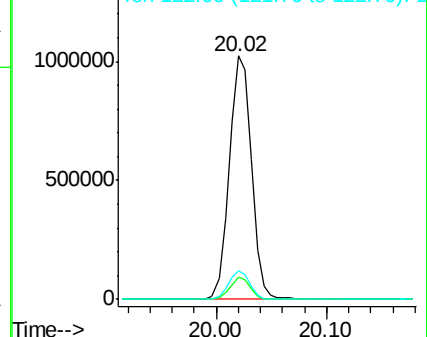
122 12.0 8.5 12.7



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: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040436.D

Acq: 11 Apr 2019 6:25

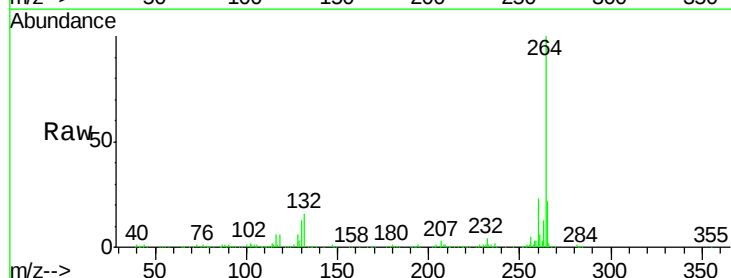
Tgt Ion:264 Resp: 431928

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 22.2 16.8 25.2



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

