

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011419\
 Data File : BG039125.D
 Acq On : 14 Jan 2019 17:50
 Operator : JU/SJ
 Sample : PB116353BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116353BL

Quant Time: Jan 14 22:39:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

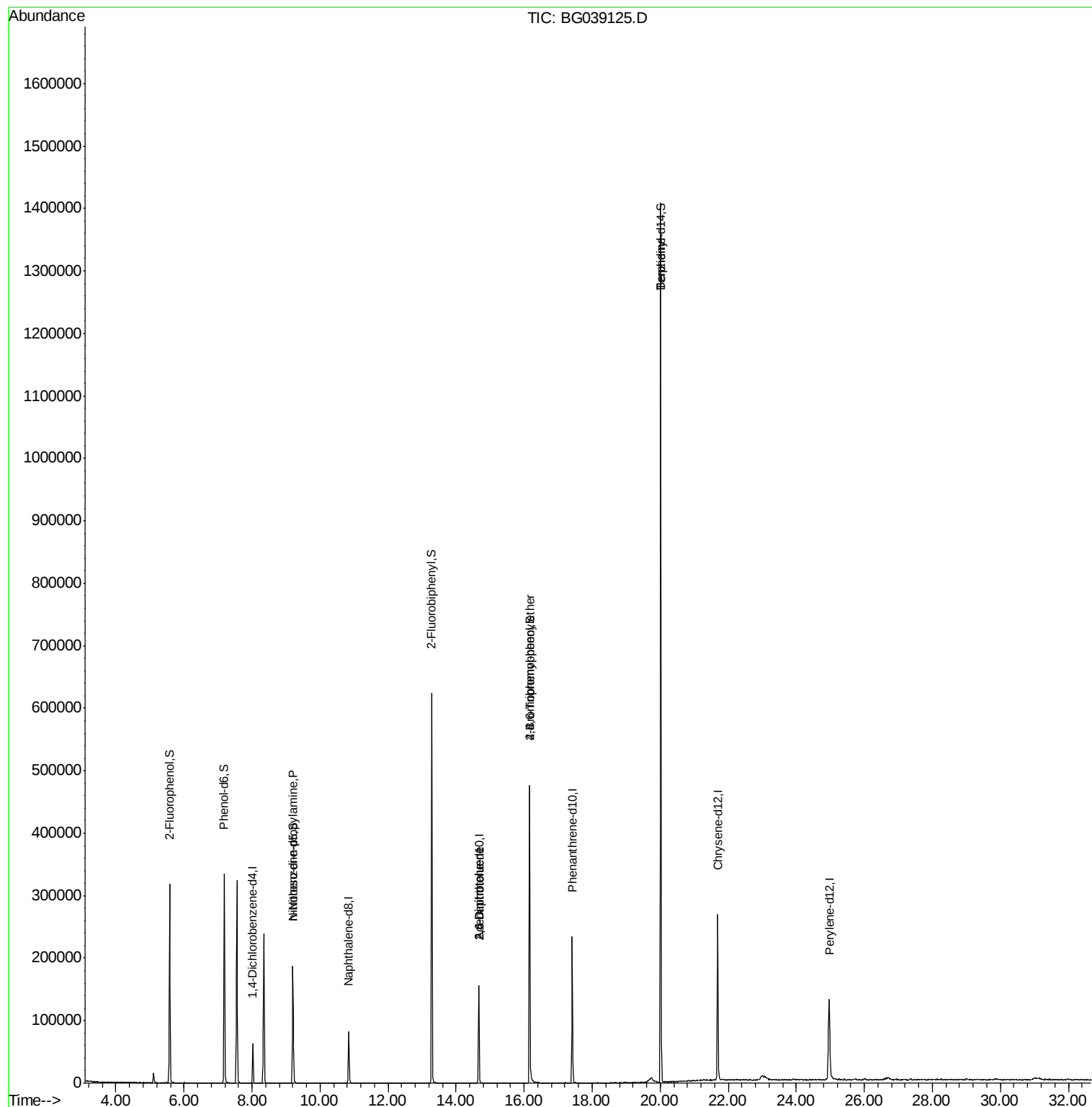
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	19263	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	77278	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	59389	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	159278	20.00	ng	0.00
76) Chrysene-d12	21.69	240	177399	20.00	ng	-0.01
87) Perylene-d12	24.97	264	181400	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	145021	142.81	ng	0.00
7) Phenol-d6	7.18	99	201703	138.02	ng	0.00
23) Nitrobenzene-d5	9.20	82	116447	82.45	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	120613	121.16	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	356588	82.17	ng	0.00
79) Terphenyl-d14	20.01	244	748904	78.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	15396	16.043	ng	Qvalue # 68
51) 2,6-Dinitrotoluene	14.67	165	7345	6.546	ng	# 24
57) 2,4-Dinitrotoluene	14.67	165	7345	4.563	ng	# 26
67) 4-Bromophenyl-phenylether	16.16	248	7612	3.718	ng	# 1
77) Benzidine	20.01	184	11480	2.116	ng	99

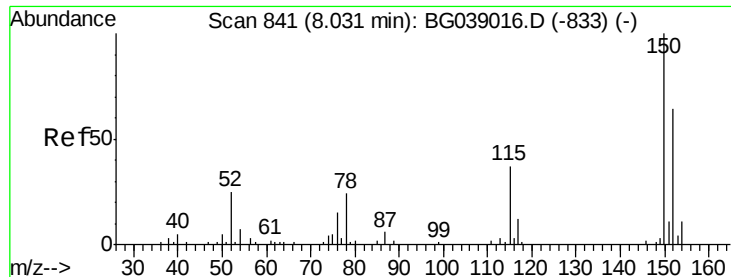
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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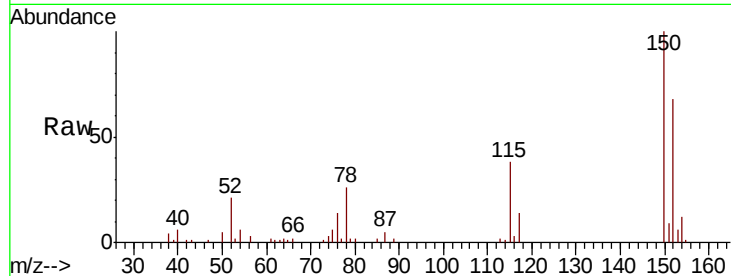


#1

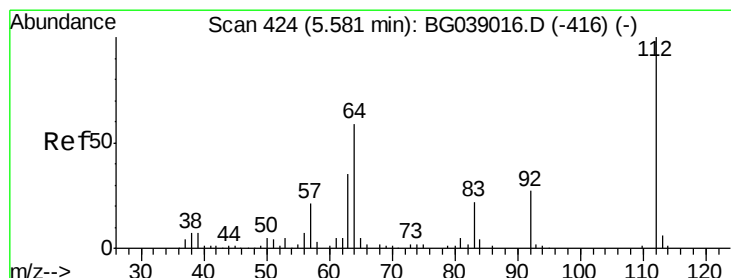
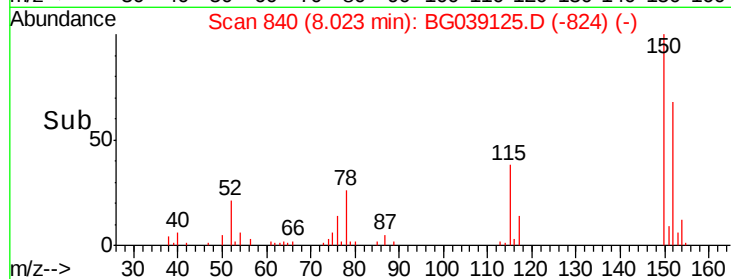
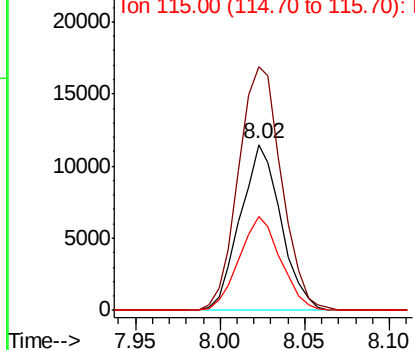
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039125.D
Acq: 14 Jan 2019 17:50

Instrument :
BNA_G
ClientSampleId :
PB116353BL

Tgt Ion:152 Resp: 19263
Ion Ratio Lower Upper
152 100
150 146.9 124.7 187.1
115 56.4 46.5 69.7



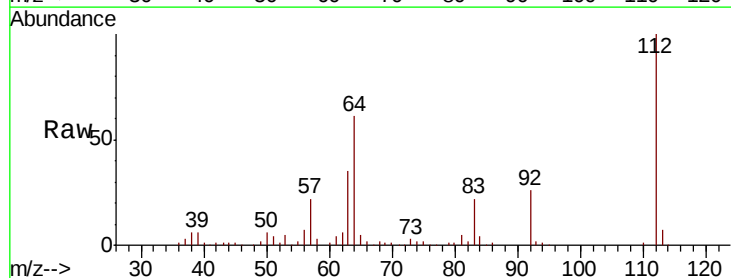
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



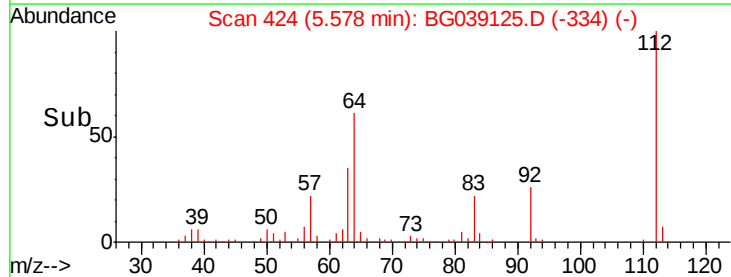
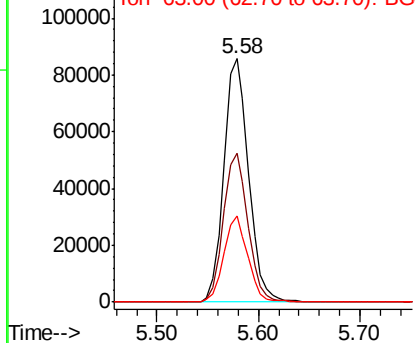
#5

2-Fluorophenol
Concen: 142.814 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039125.D
Acq: 14 Jan 2019 17:50

Tgt Ion:112 Resp: 145021
Ion Ratio Lower Upper
112 100
64 61.2 47.0 70.6
63 35.3 28.0 42.0



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: 138.023 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039125.D

Acq: 14 Jan 2019 17:50

Instrument :

BNA_G

ClientSampleId :

PB116353BL

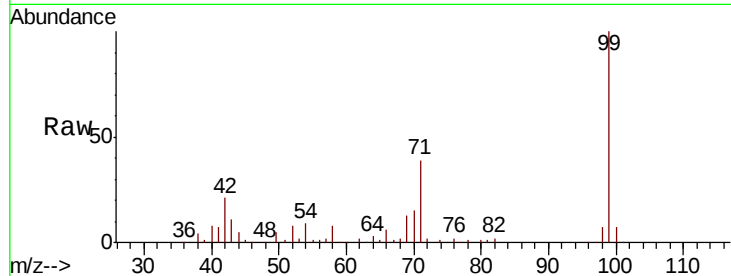
Tgt Ion: 99 Resp: 201703

Ion Ratio Lower Upper

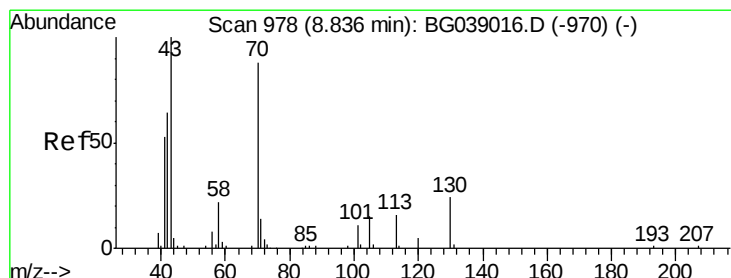
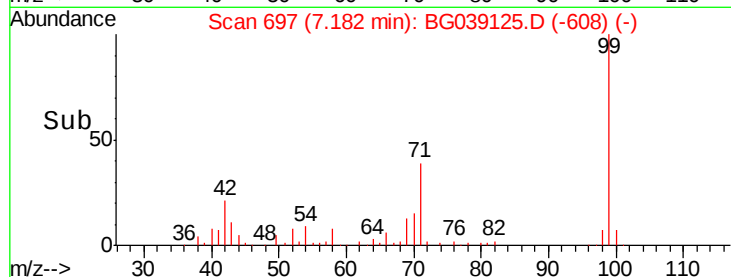
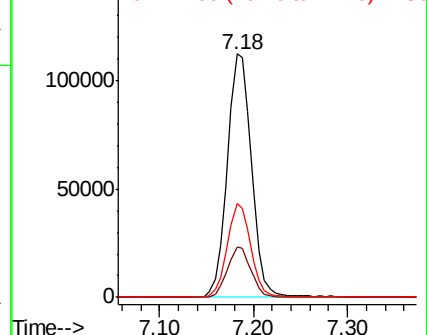
99 100

42 20.7 15.8 23.6

71 38.7 30.2 45.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.043 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039125.D

Acq: 14 Jan 2019 17:50

Tgt Ion: 70 Resp: 15396

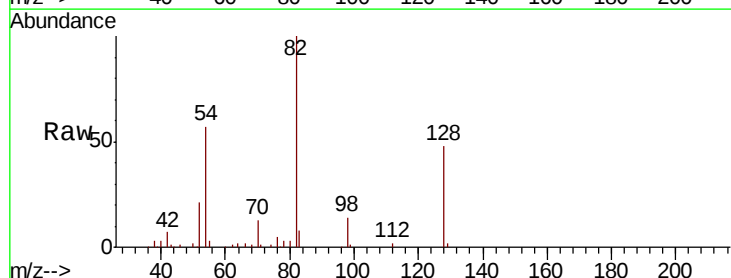
Ion Ratio Lower Upper

70 100

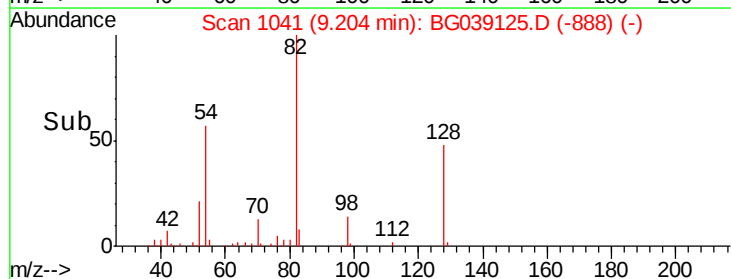
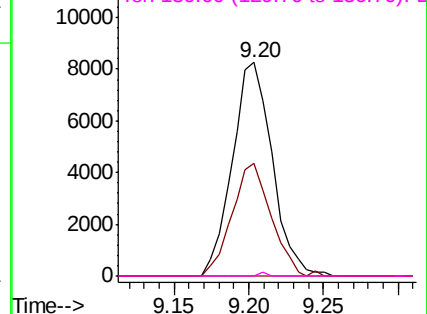
42 52.6 59.0 88.4#

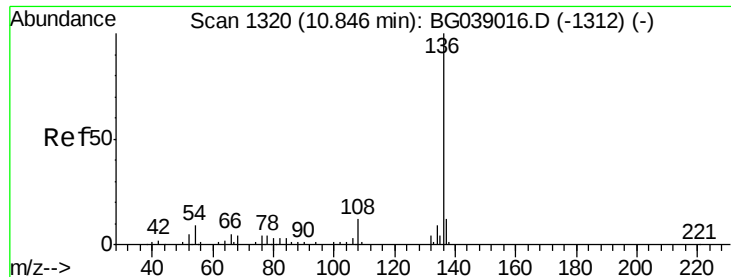
101 0.0 10.4 15.6#

130 0.0 21.6 32.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039125.D

Acq: 14 Jan 2019 17:50

Instrument :

BNA_G

ClientSampleId :

PB116353BL

Tgt Ion:136 Resp: 77278

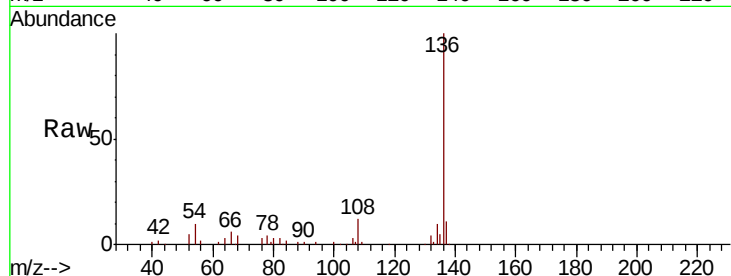
Ion Ratio Lower Upper

136 100

137 11.5 9.4 14.2

54 9.5 7.2 10.8

68 4.2 3.5 5.3

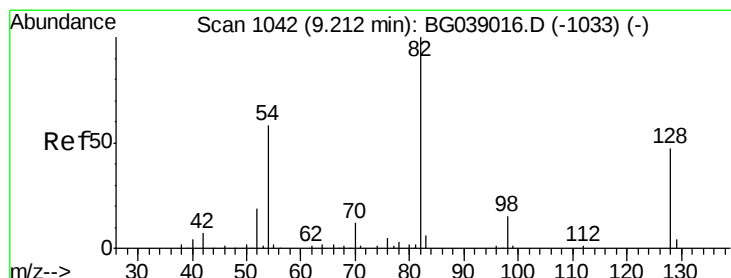
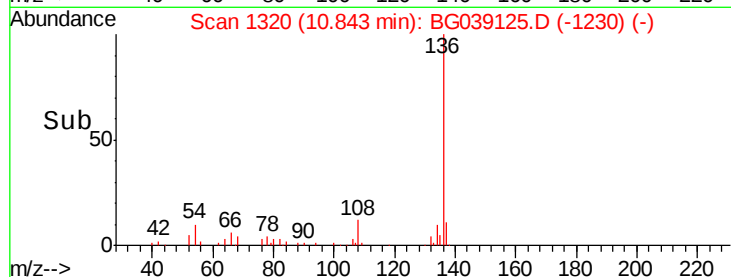
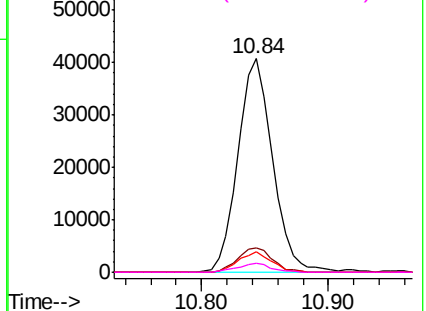


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.454 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG039125.D

Acq: 14 Jan 2019 17:50

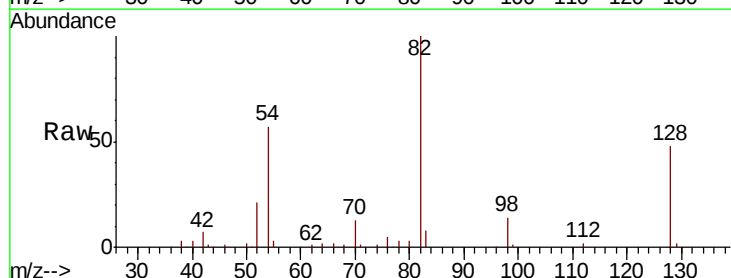
Tgt Ion: 82 Resp: 116447

Ion Ratio Lower Upper

82 100

128 48.2 37.3 55.9

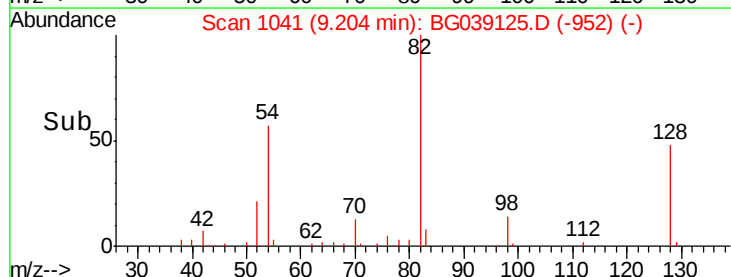
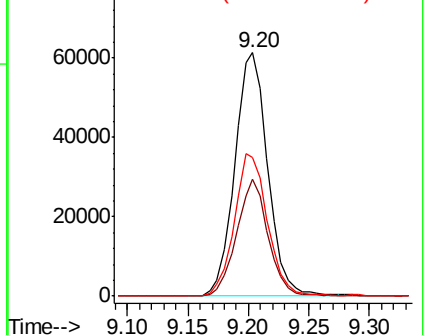
54 56.9 46.4 69.6

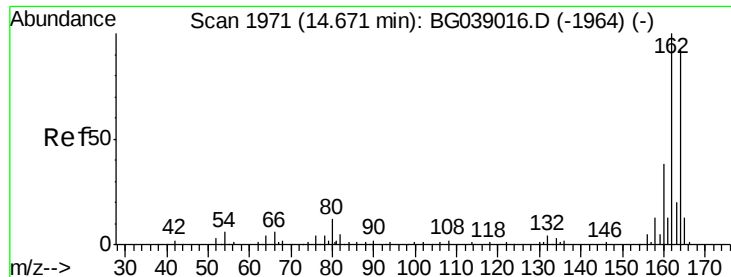


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039125.D

Acq: 14 Jan 2019 17:50

Instrument :

BNA_G

ClientSampleId :

PB116353BL

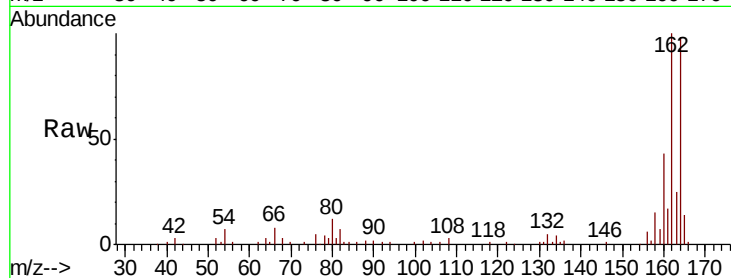
Tgt Ion:164 Resp: 59389

Ion Ratio Lower Upper

164 100

162 101.9 87.2 130.8

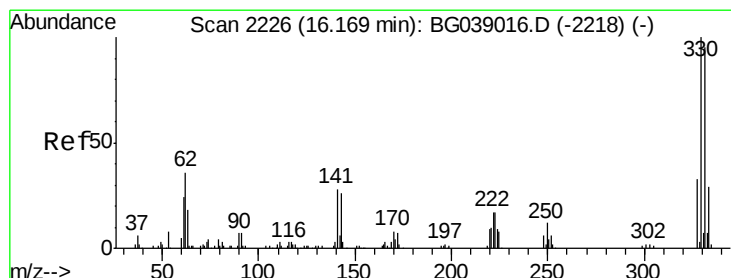
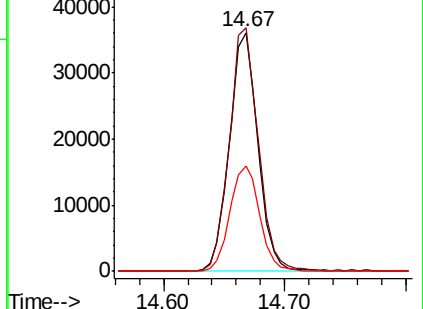
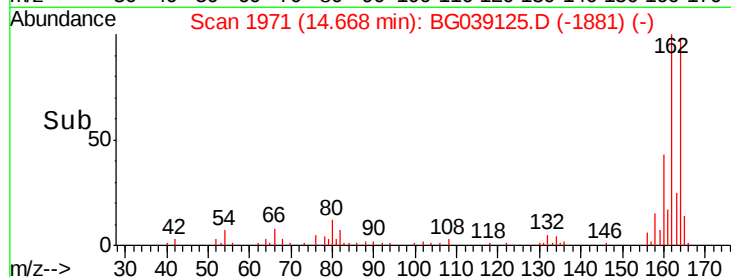
160 44.3 33.3 49.9



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



#42

2,4,6-Tribromophenol

Concen: 121.155 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039125.D

Acq: 14 Jan 2019 17:50

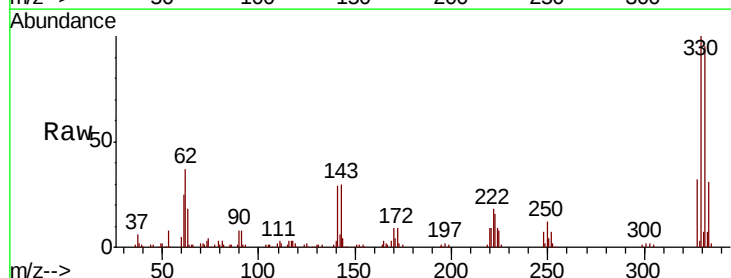
Tgt Ion:330 Resp: 120613

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

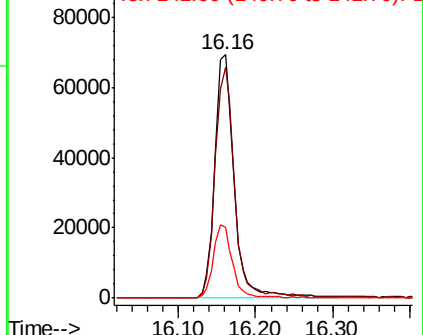
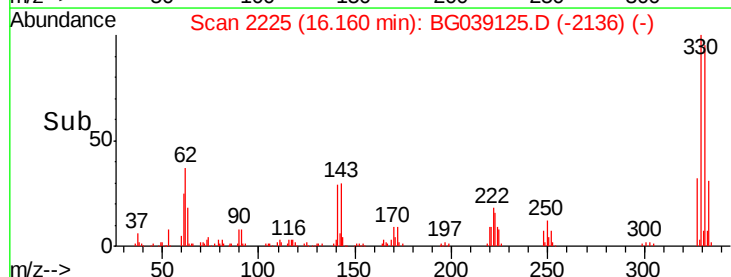
141 29.6 24.9 37.3



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

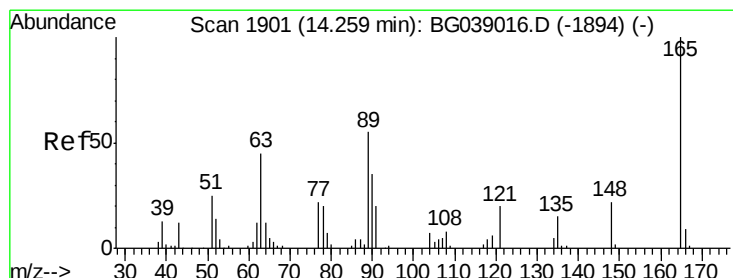
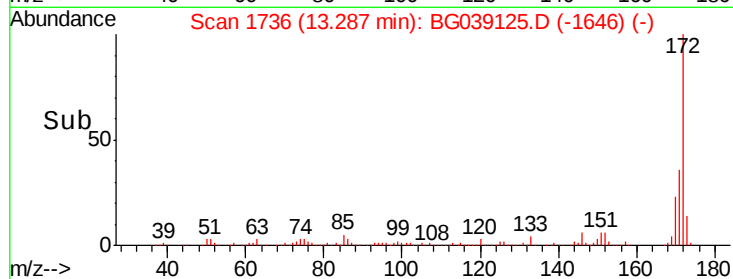
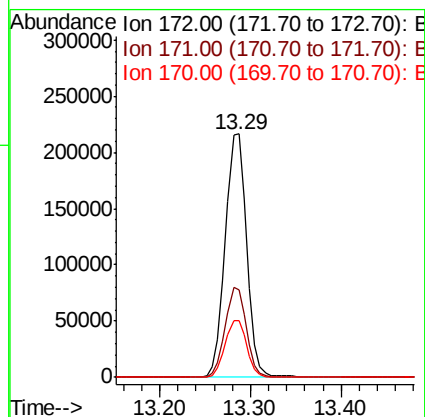
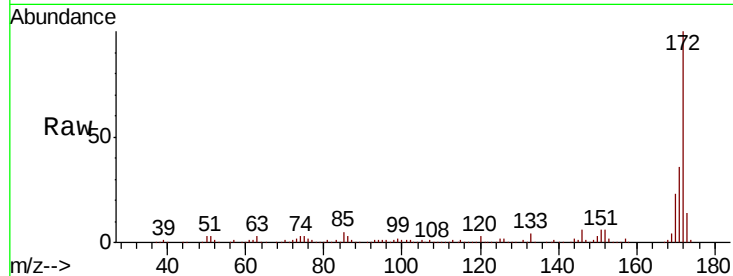




#45
 2-Fluorobiphenyl
 Concen: 82.172 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039125.D
 Acq: 14 Jan 2019 17:50

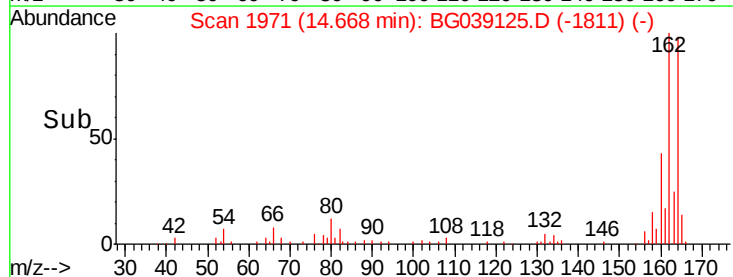
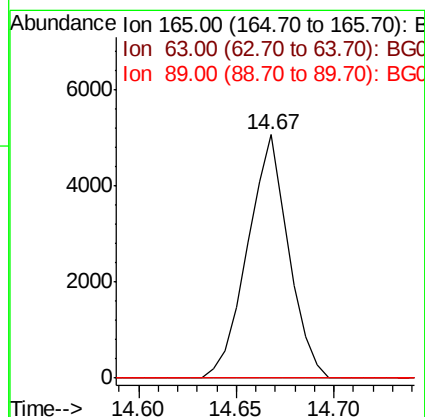
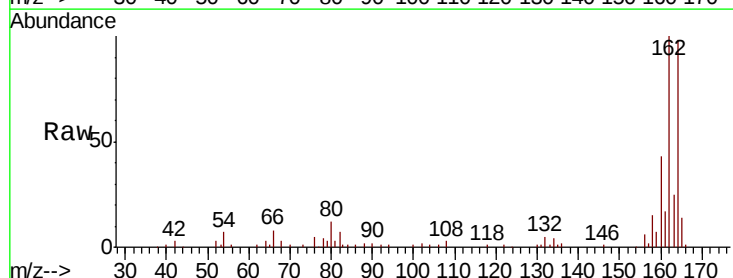
Instrument :
 BNA_G
 ClientSampleId :
 PB116353BL

Tgt Ion:172 Resp: 356588
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.4 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.546 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.41 min
 Lab File: BG039125.D
 Acq: 14 Jan 2019 17:50

Tgt Ion:165 Resp: 7345
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

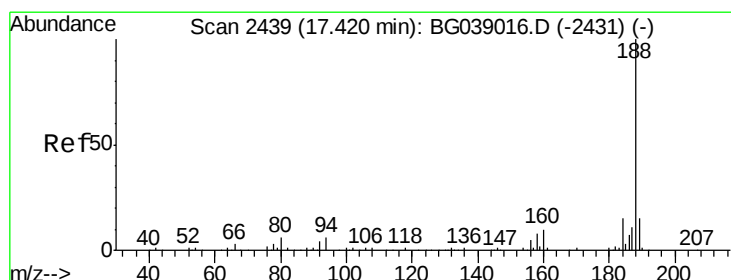
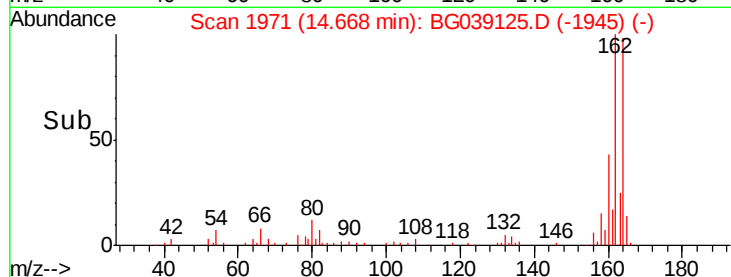
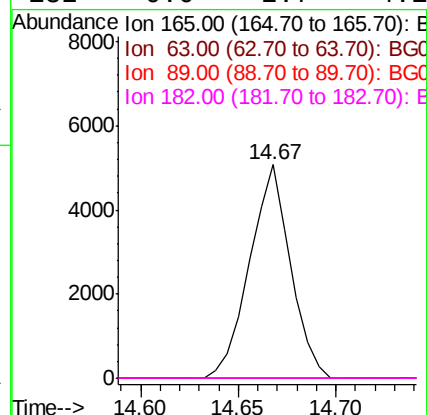
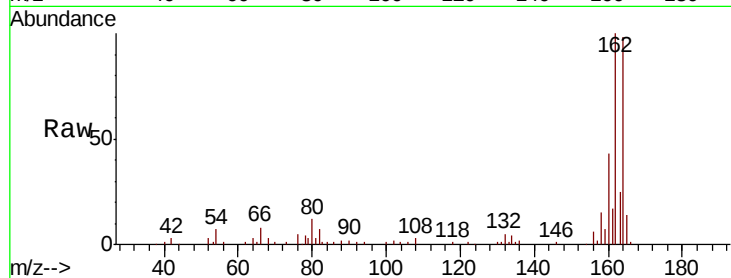




#57
 2,4-Dinitrotoluene
 Concen: 4.563 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.38 min
 Lab File: BG039125.D
 Acq: 14 Jan 2019 17:50

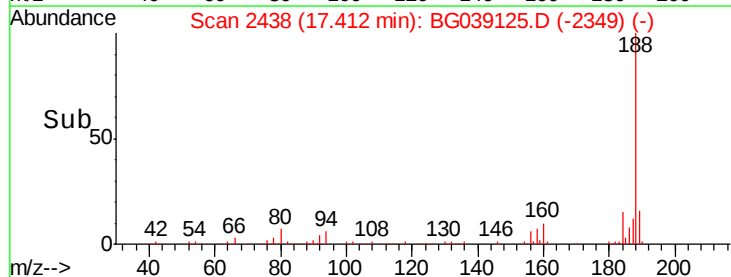
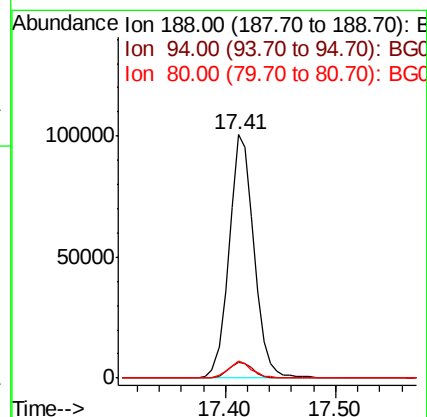
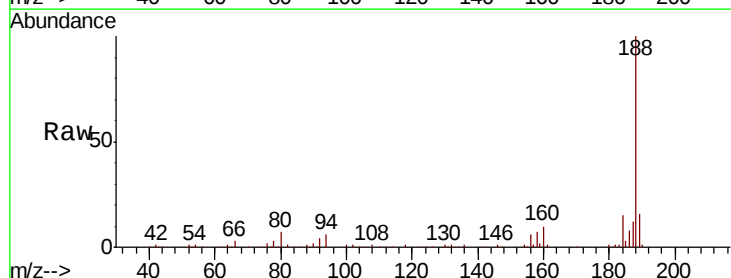
Instrument :
 BNA_G
 ClientSampleId :
 PB116353BL

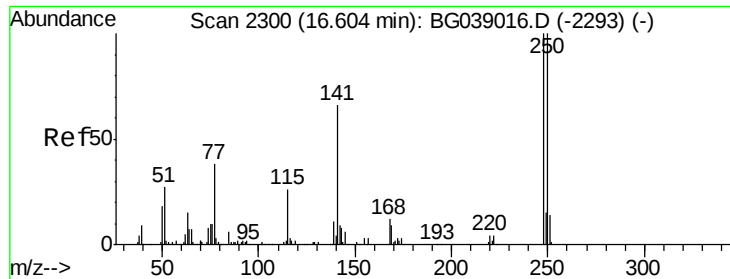
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BG039125.D
 Acq: 14 Jan 2019 17:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.0	7.4
80	7.0	4.7	7.1

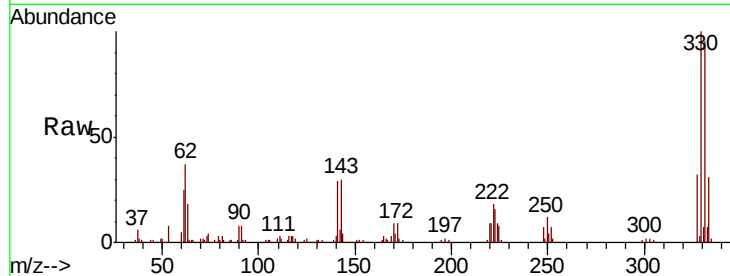




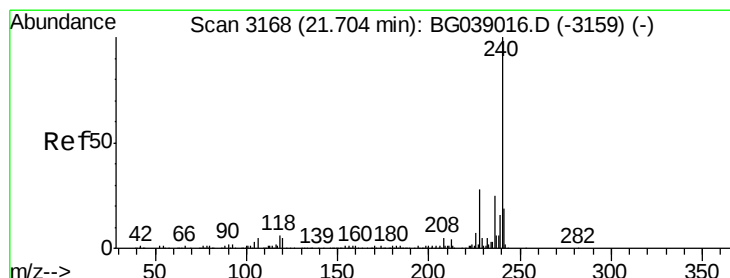
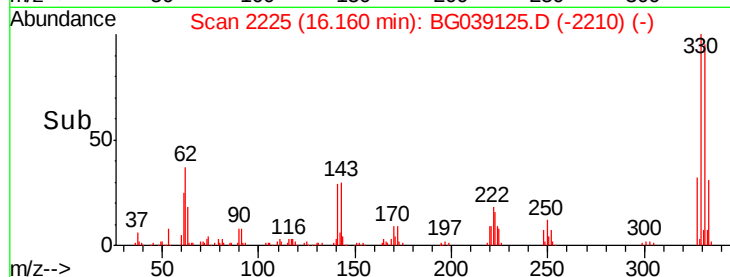
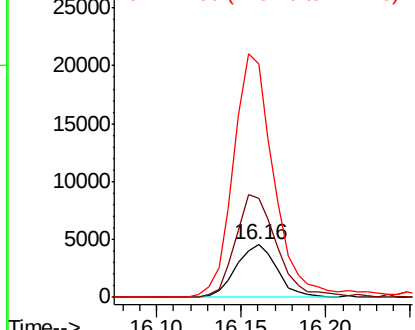
#67
 4-Bromophenyl-phenylether
 Concen: 3.718 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG039125.D
 Acq: 14 Jan 2019 17:50

Instrument :
 BNA_G
 ClientSampled :
 PB116353BL

Tgt Ion:248 Resp: 7612
 Ion Ratio Lower Upper
 248 100
 250 183.8 79.9 119.9#
 141 332.6 52.7 79.1#

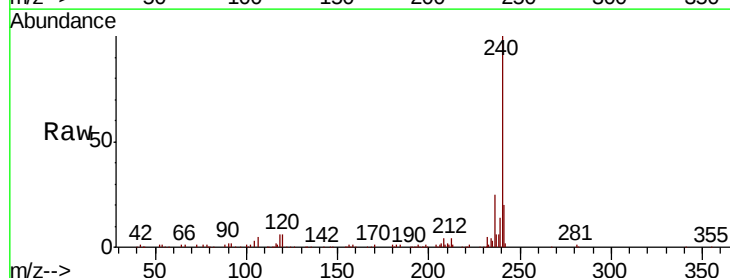


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

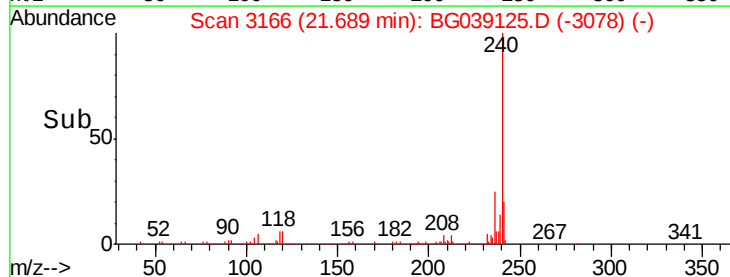
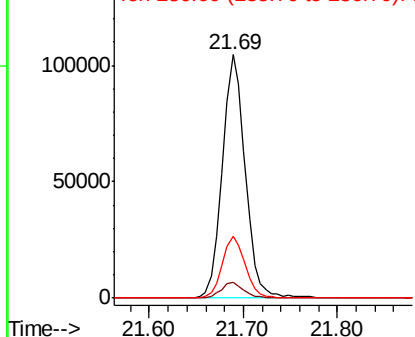


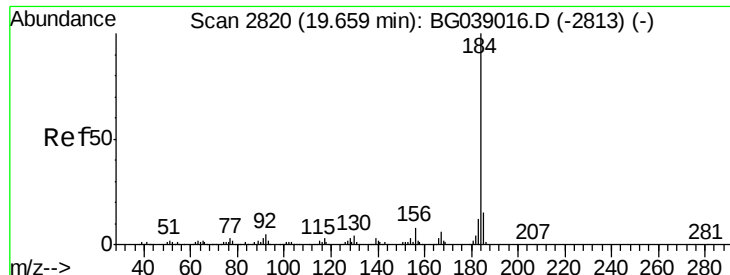
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039125.D
 Acq: 14 Jan 2019 17:50

Tgt Ion:240 Resp: 177399
 Ion Ratio Lower Upper
 240 100
 120 6.4 4.3 6.5
 236 25.2 20.1 30.1



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





#77

Benzidine

Concen: 2.116 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.36 min

Lab File: BG039125.D

Acq: 14 Jan 2019 17:50

Instrument :

BNA_G

ClientSampleId :

PB116353BL

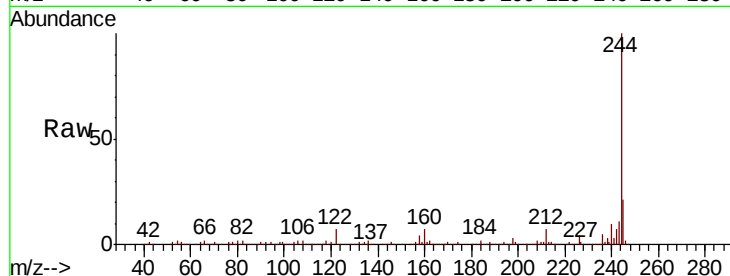
Tgt Ion:184 Resp: 11480

Ion Ratio Lower Upper

184 100

185 15.0 12.1 18.1

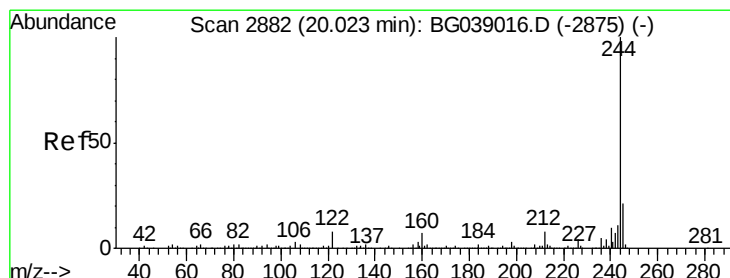
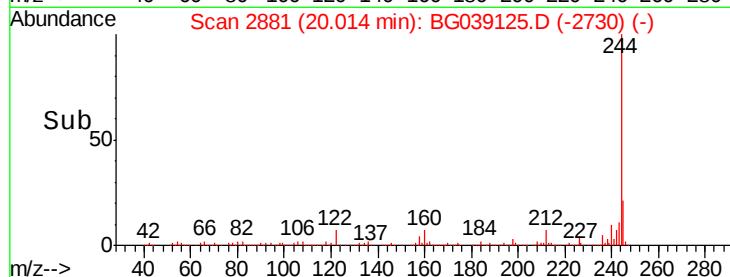
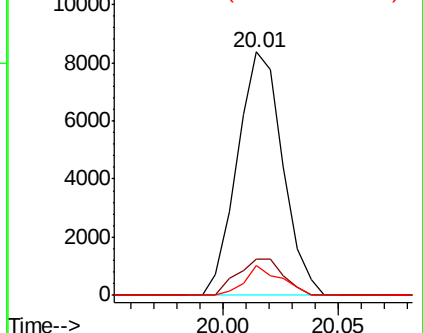
183 12.3 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 78.095 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039125.D

Acq: 14 Jan 2019 17:50

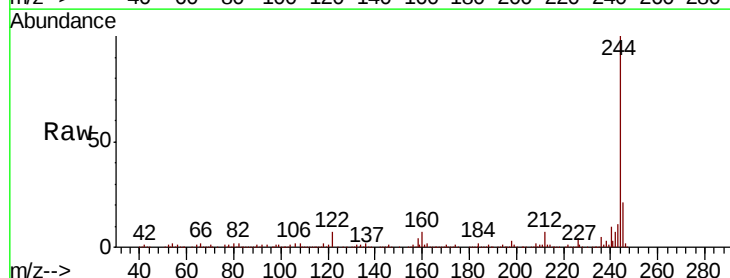
Tgt Ion:244 Resp: 748904

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

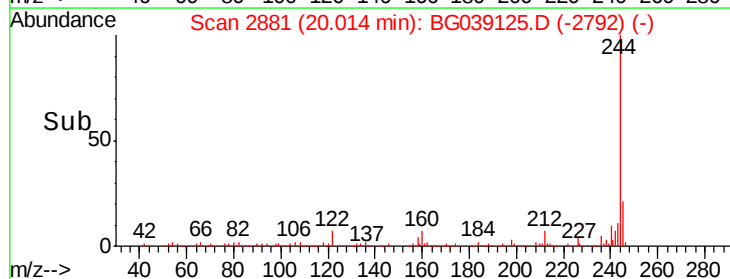
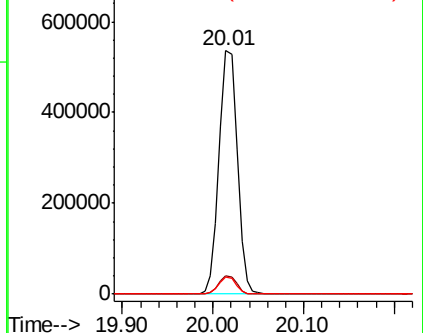
122 7.0 6.1 9.1

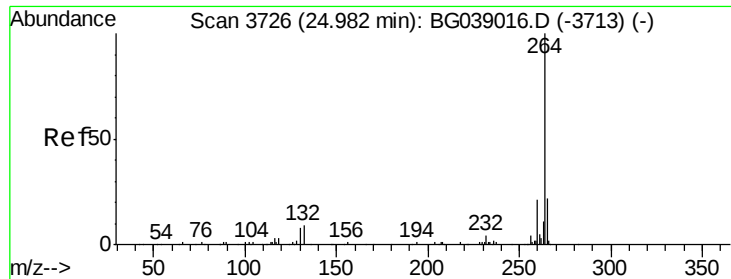


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3724
Delta R.T. -0.01 min
Lab File: BG039125.D
Acq: 14 Jan 2019 17:50

Instrument :
BNA_G
ClientSampleId :
PB116353BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.0	25.6
265	20.7	17.2	25.8

