

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039162.D
 Acq On : 16 Jan 2019 18:18
 Operator : JU/SJ
 Sample : K1139-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-8

Quant Time: Jan 17 04:03:26 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

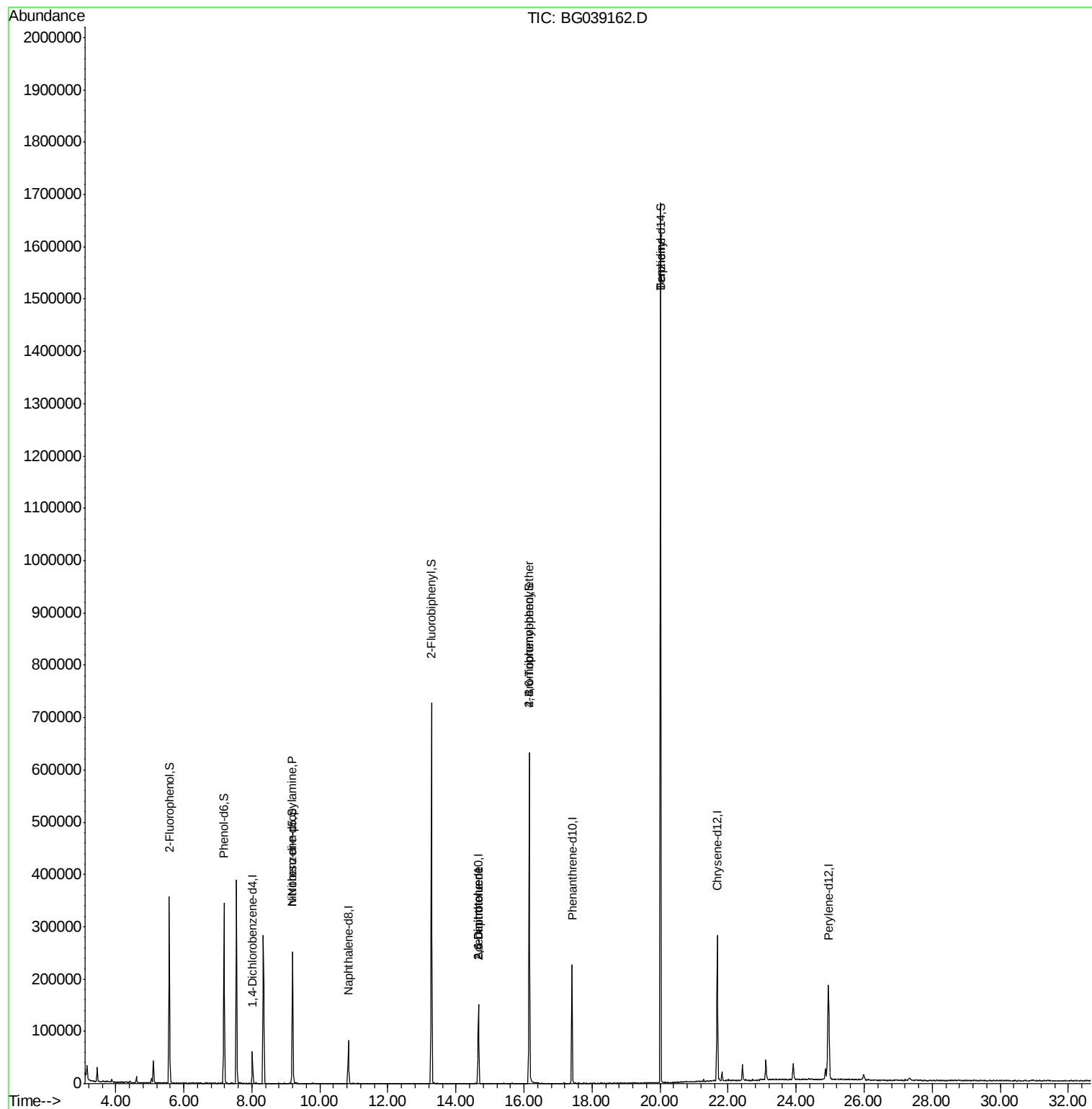
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	19115	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	79984	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	58120	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	153550	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	180216	20.00	ng	-0.02
87) Perylene-d12	24.94	264	224255	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	161671	160.44	ng	-0.01
7) Phenol-d6	7.18	99	200362	138.17	ng	-0.01
23) Nitrobenzene-d5	9.20	82	154499	105.70	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	144684	148.51	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	410173	96.58	ng	-0.01
79) Terphenyl-d14	20.01	244	856302	87.90	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	20157	21.167	ng	# 68
51) 2,6-Dinitrotoluene	14.66	165	7135	6.498	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7135	4.529	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	9380	4.752	ng	# 1
77) Benzidine	20.01	184	13486	2.447	ng	# 94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
Data File : BG039162.D
Acq On : 16 Jan 2019 18:18
Operator : JU/SJ
Sample : K1139-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-8

Quant Time: Jan 17 04:03:26 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

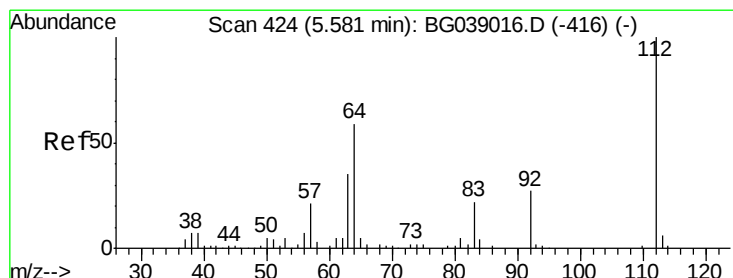
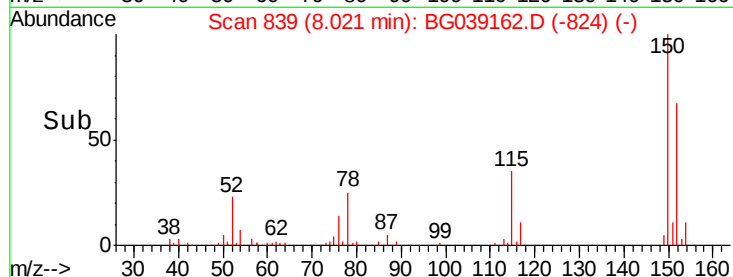
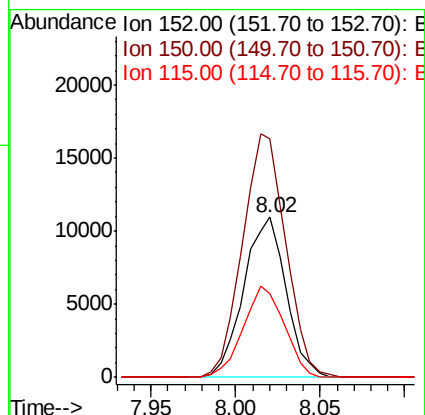
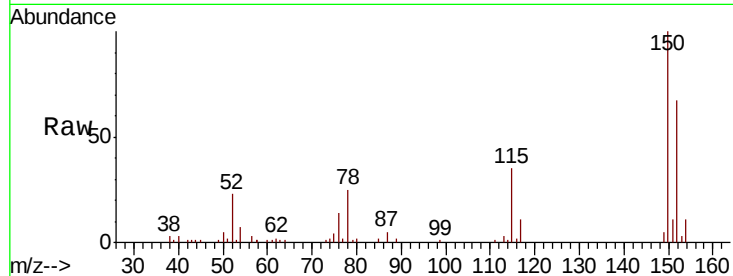




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

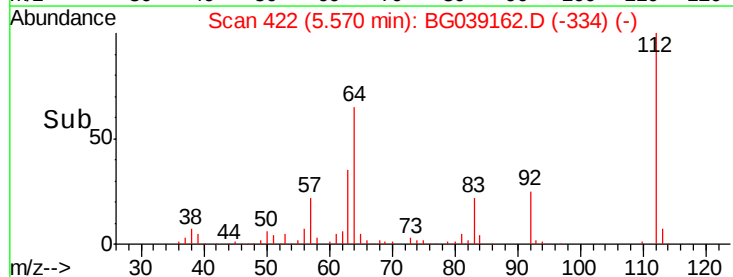
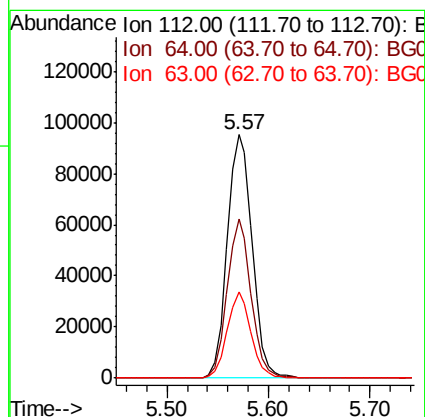
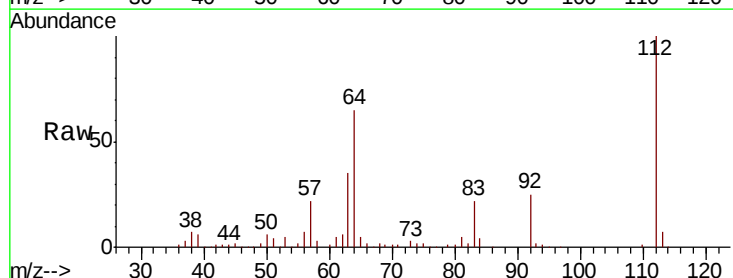
Instrument :
 BNA_G
 ClientSampled :
 S-8

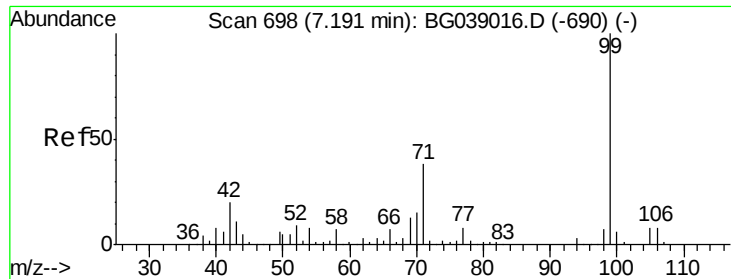
Tgt Ion:152 Resp: 19115
 Ion Ratio Lower Upper
 152 100
 150 149.0 124.7 187.1
 115 52.1 46.5 69.7



#5
 2-Fluorophenol
 Concen: 160.443 ng
 RT: 5.57 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

Tgt Ion:112 Resp: 161671
 Ion Ratio Lower Upper
 112 100
 64 65.3 47.0 70.6
 63 35.3 28.0 42.0





#7

Phenol-d6

Concen: 138.167 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

Instrument :

BNA_G

ClientSampleId :

S-8

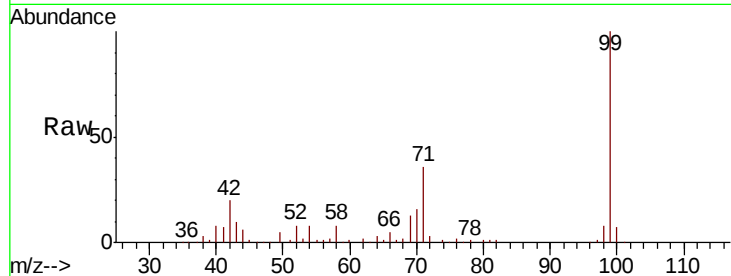
Tgt Ion: 99 Resp: 200362

Ion Ratio Lower Upper

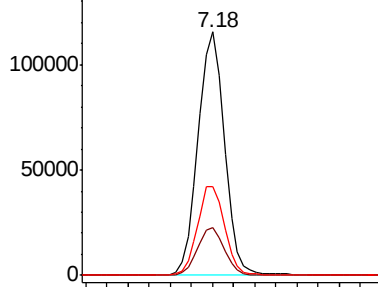
99 100

42 19.8 15.8 23.6

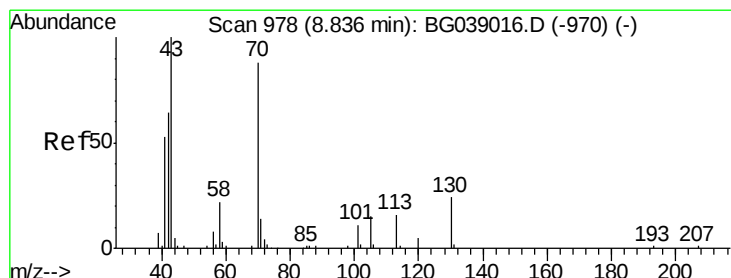
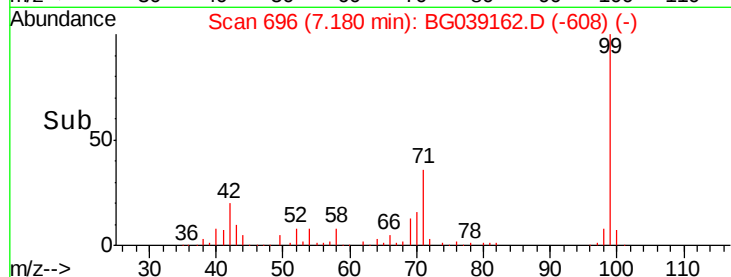
71 36.4 30.2 45.4



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



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 21.167 ng

RT: 9.20 min Scan# 1039

Delta R.T. 0.36 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

Tgt Ion: 70 Resp: 20157

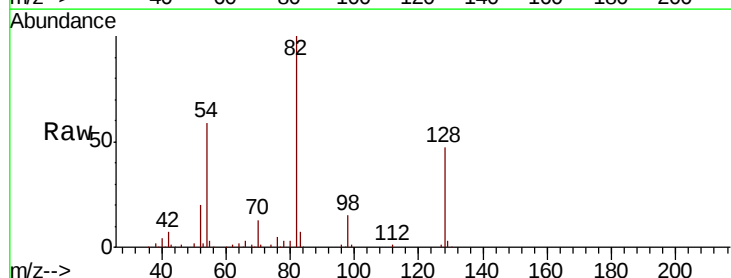
Ion Ratio Lower Upper

70 100

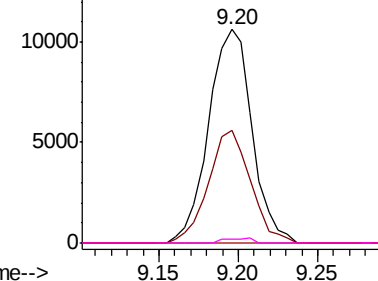
42 52.7 59.0 88.4#

101 0.0 10.4 15.6#

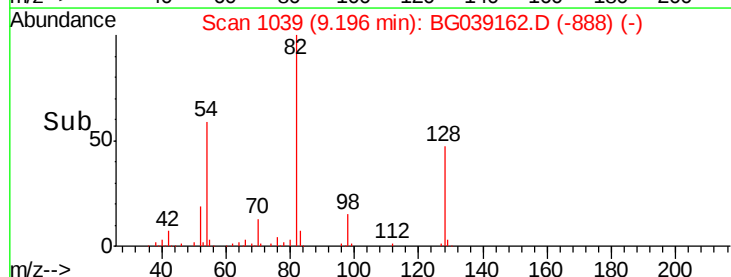
130 1.7 21.6 32.4#



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



Time-->

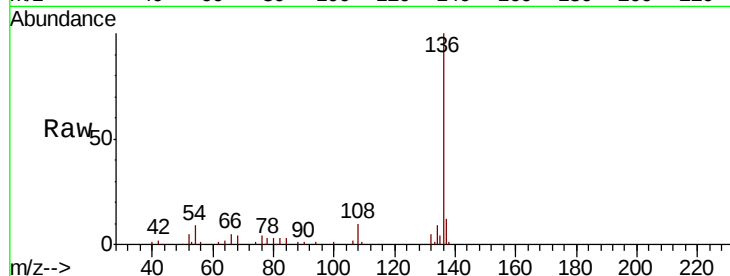




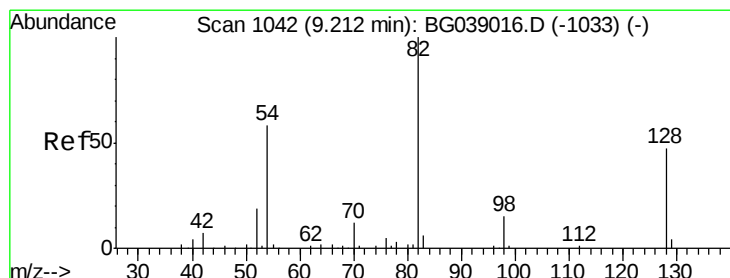
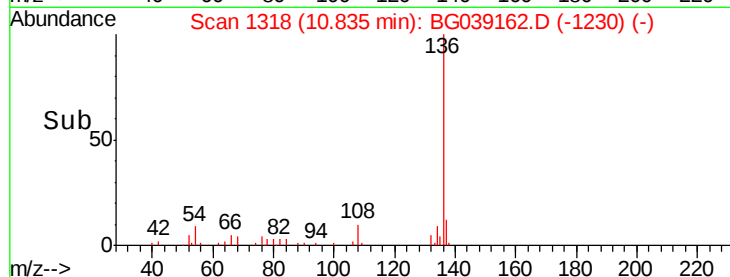
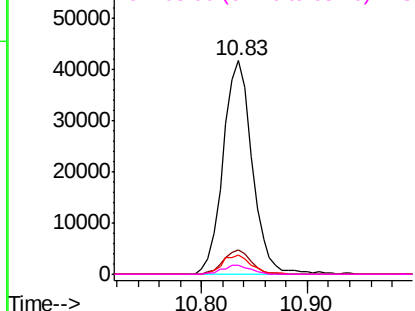
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039162.D
Acq: 16 Jan 2019 18:18

Instrument :
BNA_G
ClientSampleId :
S-8

Tgt Ion:	136	Resp:	79984
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	9.3	7.2	10.8
68	4.0	3.5	5.3

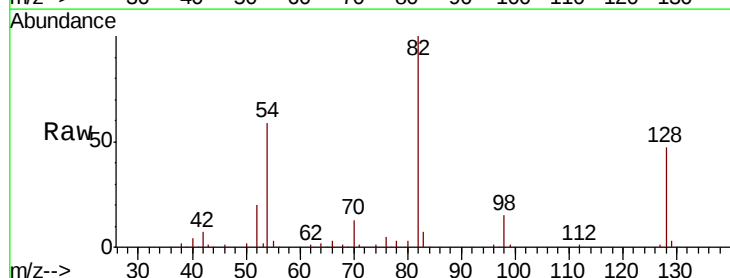


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

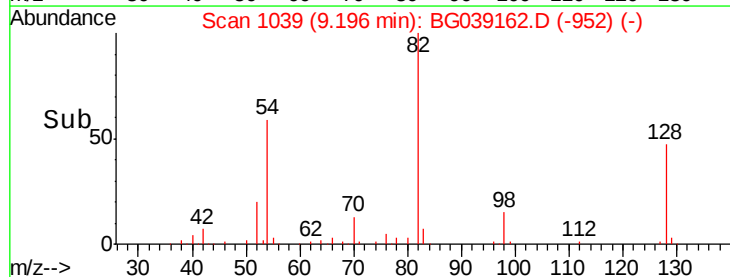
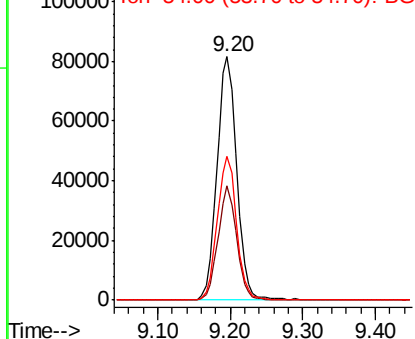


#23
Nitrobenzene-d5
Concen: 105.697 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039162.D
Acq: 16 Jan 2019 18:18

Tgt Ion:	82	Resp:	154499
Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.3	55.9
54	58.8	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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

Instrument :

BNA_G

ClientSampleId :

S-8

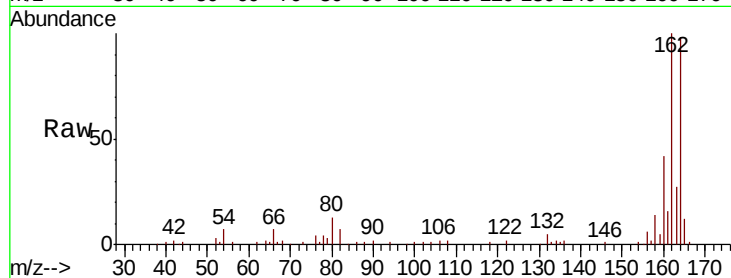
Tgt Ion:164 Resp: 58120

Ion Ratio Lower Upper

164 100

162 102.2 87.2 130.8

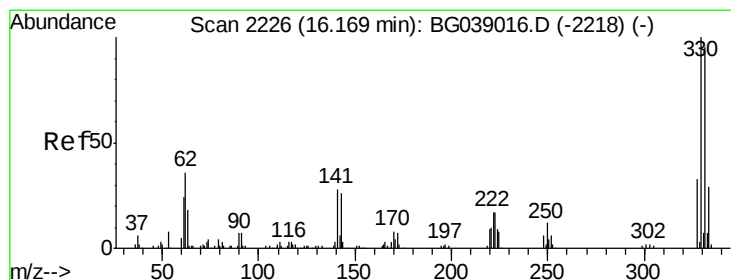
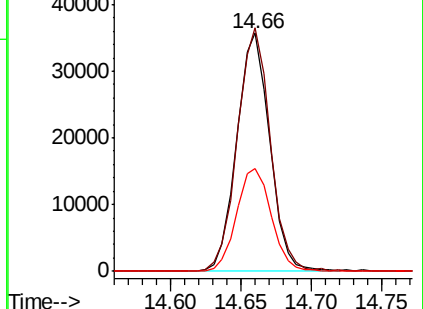
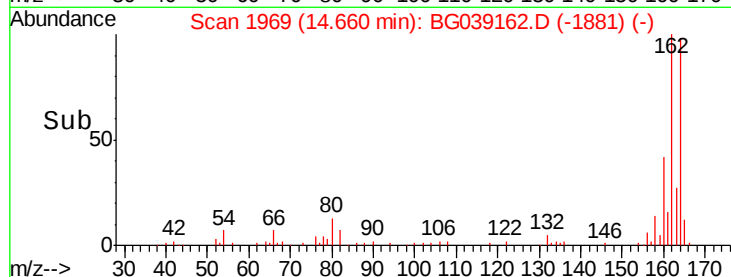
160 43.3 33.3 49.9



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: 148.508 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

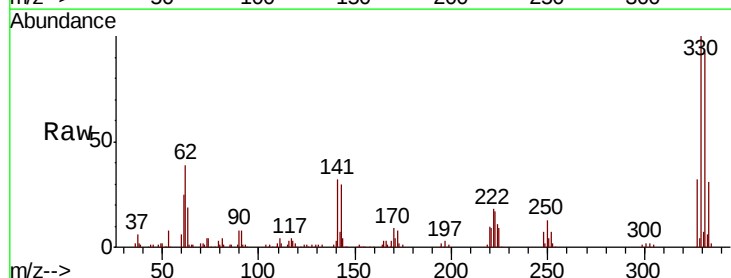
Tgt Ion:330 Resp: 144684

Ion Ratio Lower Upper

330 100

332 94.9 75.7 113.5

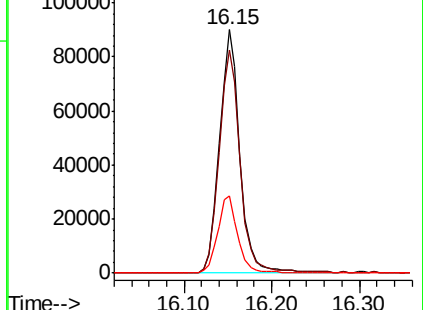
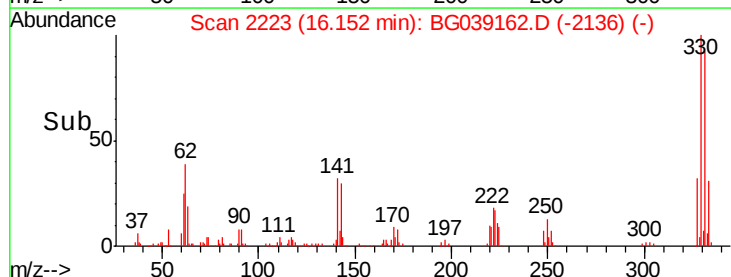
141 31.2 24.9 37.3



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

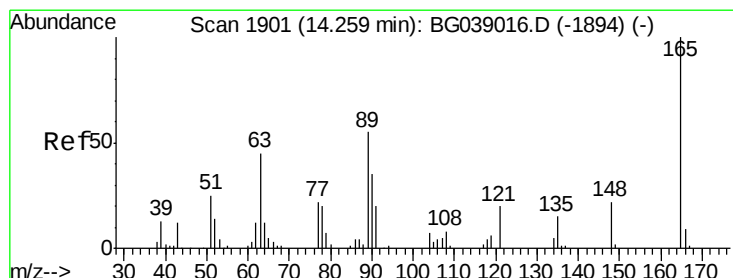
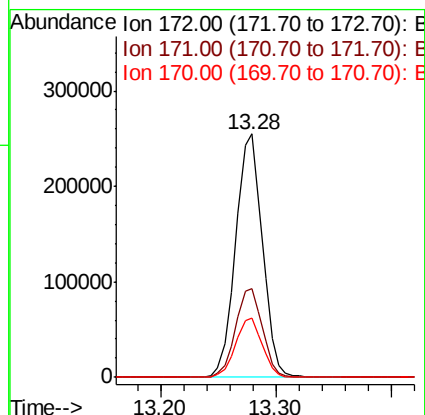
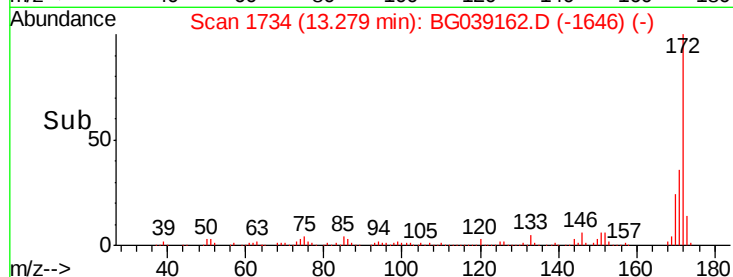
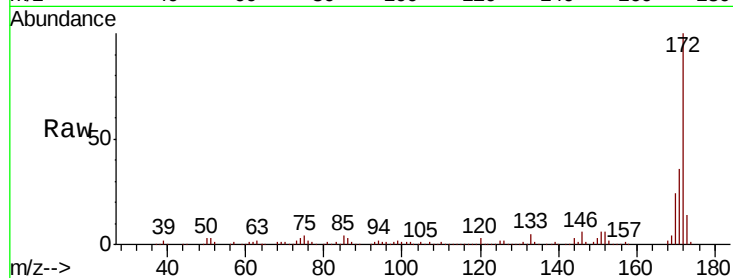




#45
 2-Fluorobiphenyl
 Concen: 96.584 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

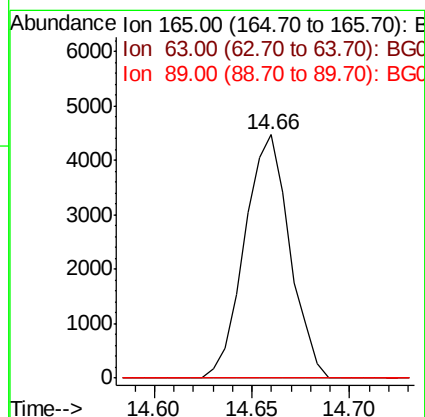
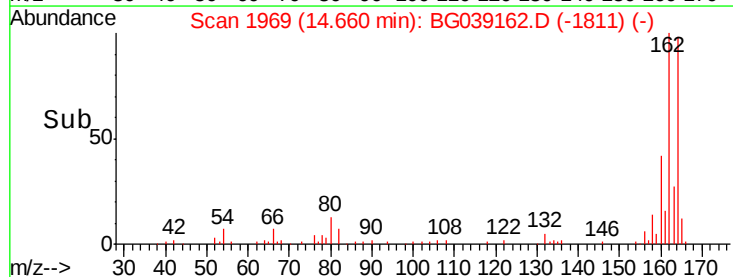
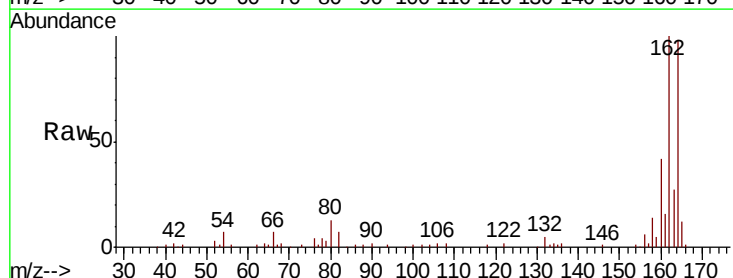
Instrument :
 BNA_G
 ClientSampleId :
 S-8

Tgt Ion:172 Resp: 410173
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.498 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.40 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

Tgt Ion:165 Resp: 7135
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

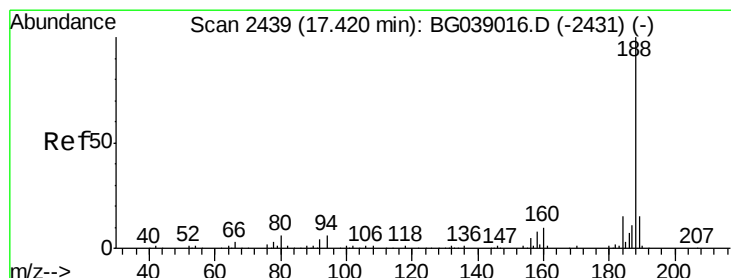
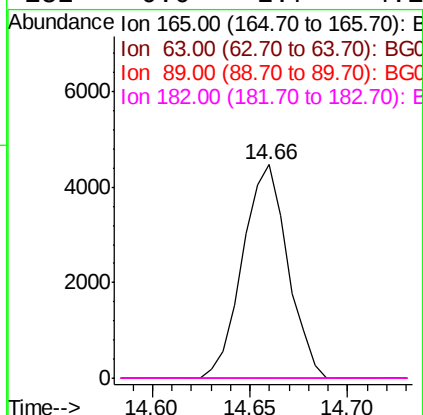
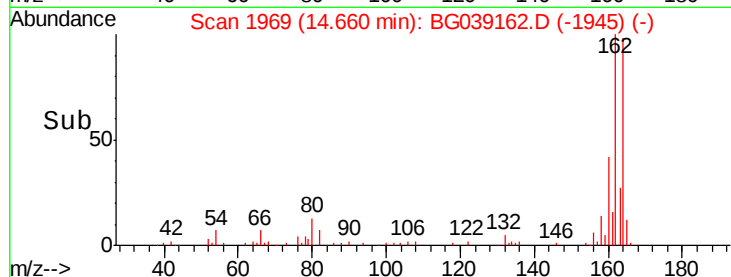
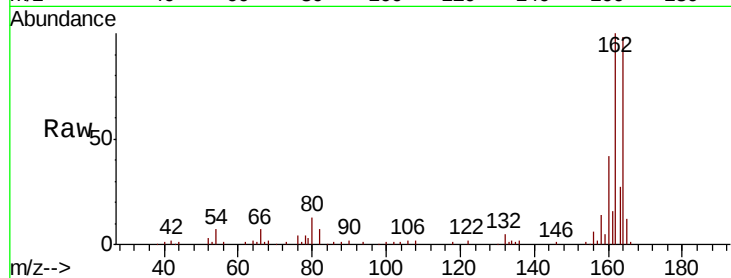




#57
 2,4-Dinitrotoluene
 Concen: 4.529 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.39 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

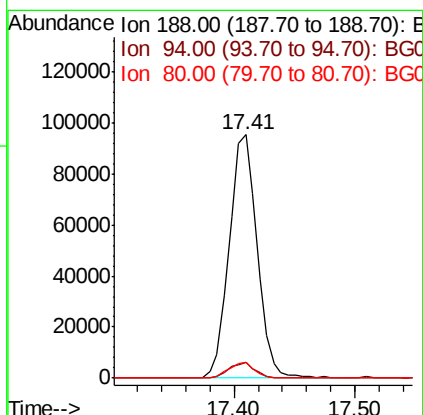
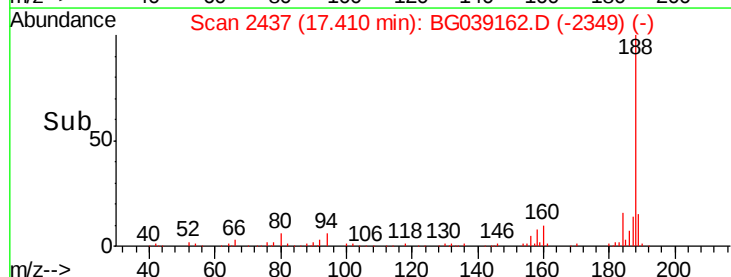
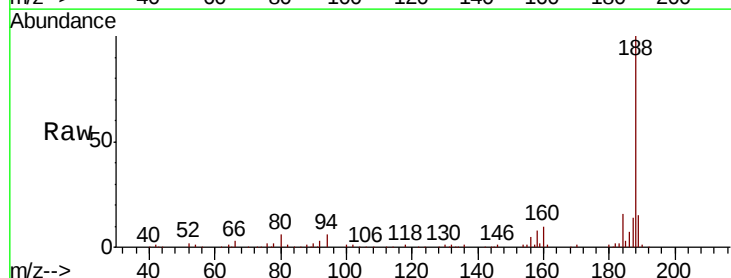
Instrument :
 BNA_G
 ClientSampleId :
 S-8

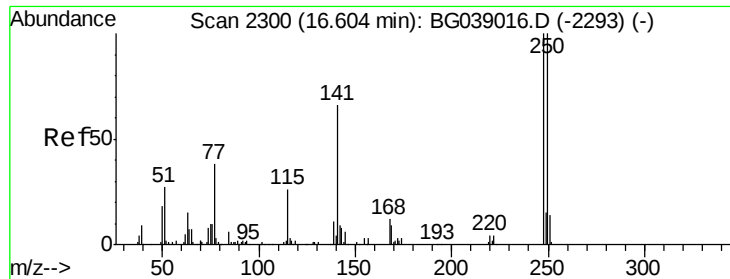
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.0	7.4
80	6.4	4.7	7.1

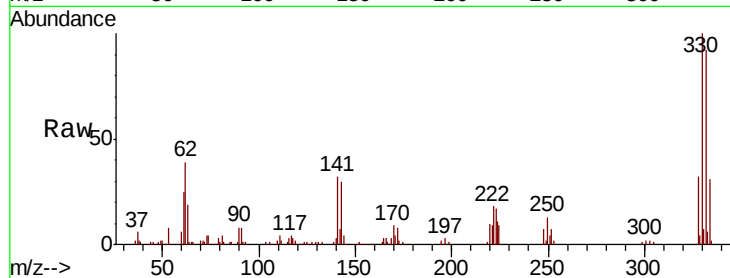




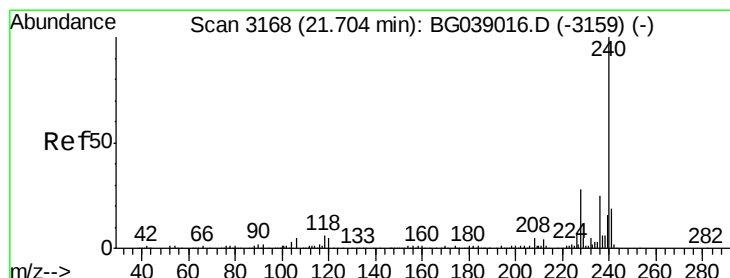
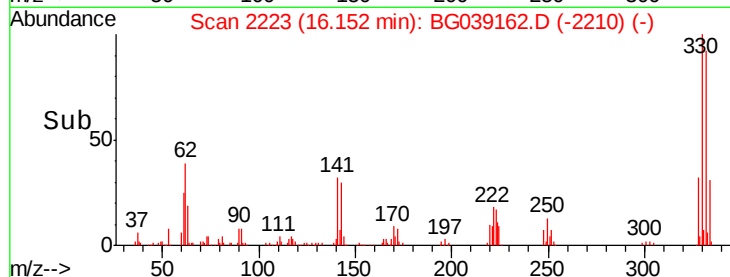
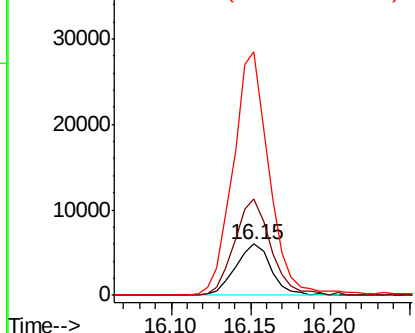
#67
 4-Bromophenyl-phenylether
 Concen: 4.752 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

Instrument :
 BNA_G
 ClientSampleId :
 S-8

Tgt Ion: 248 Resp: 9380
 Ion Ratio Lower Upper
 248 100
 250 188.8 79.9 119.9#
 141 361.8 52.7 79.1#

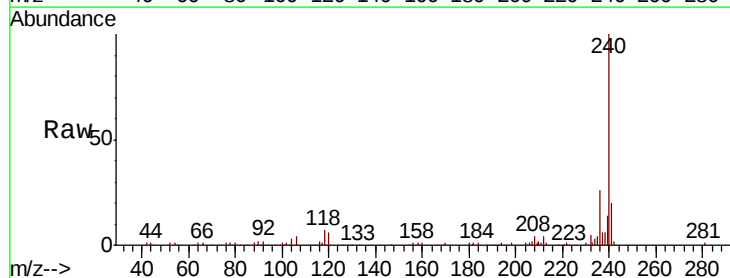


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

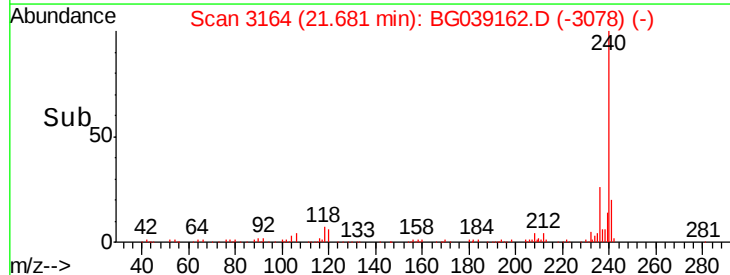
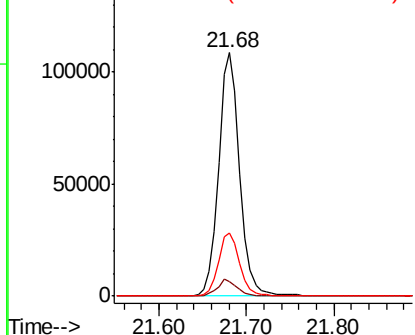


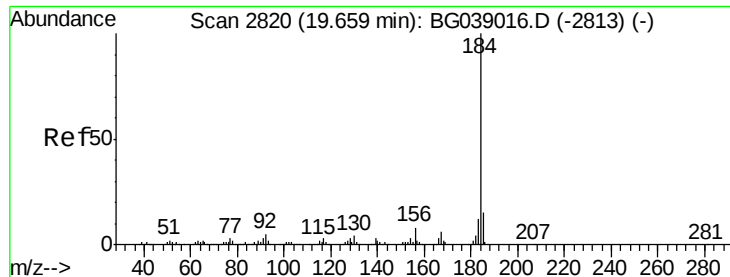
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. -0.02 min
 Lab File: BG039162.D
 Acq: 16 Jan 2019 18:18

Tgt Ion: 240 Resp: 180216
 Ion Ratio Lower Upper
 240 100
 120 6.1 4.3 6.5
 236 25.9 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: 2.447 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.35 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

Instrument :

BNA_G

ClientSampled :

S-8

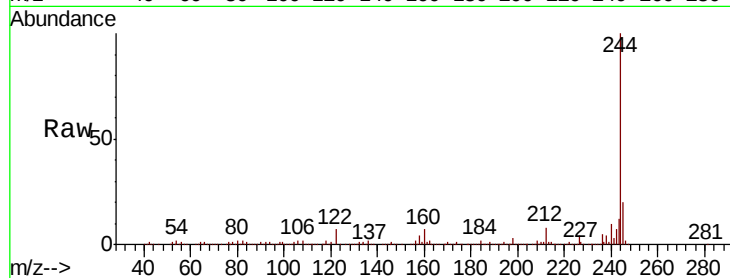
Tgt Ion:184 Resp: 13486

Ion Ratio Lower Upper

184 100

185 18.4 12.1 18.1#

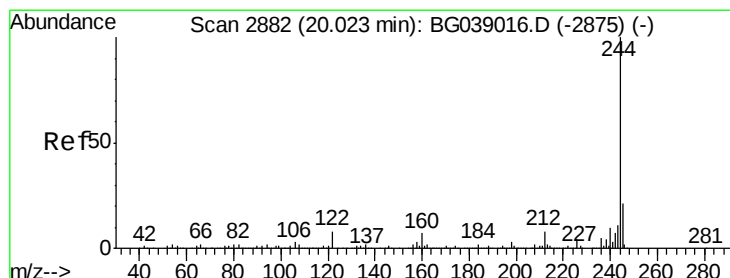
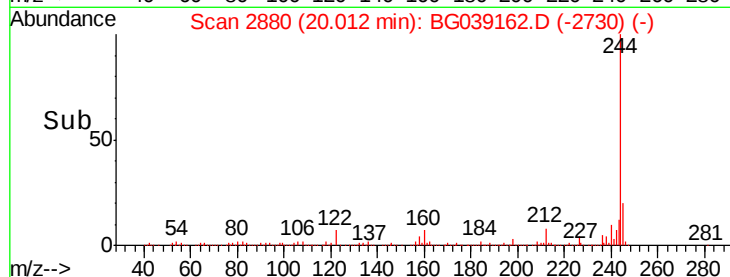
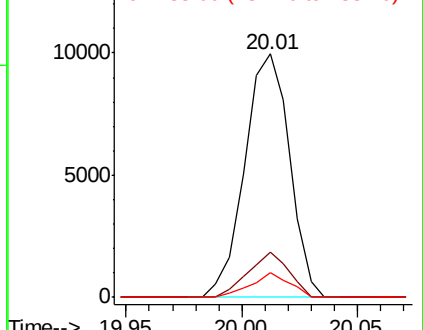
183 10.4 9.5 14.3



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: 87.898 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039162.D

Acq: 16 Jan 2019 18:18

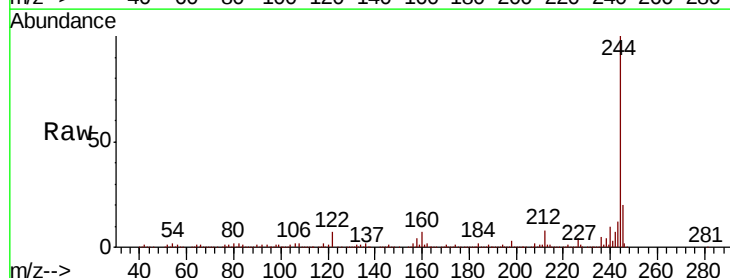
Tgt Ion:244 Resp: 856302

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

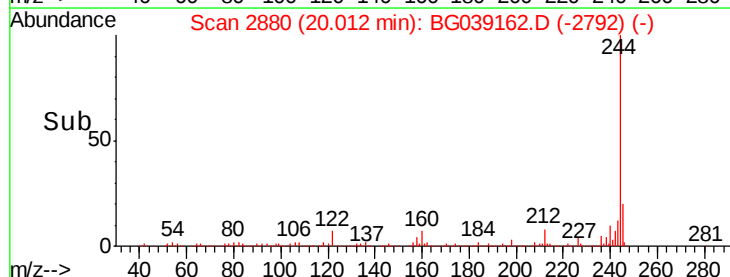
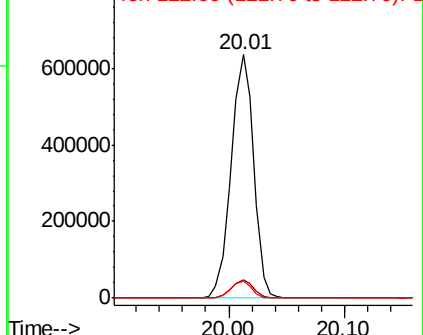
122 6.9 6.1 9.1

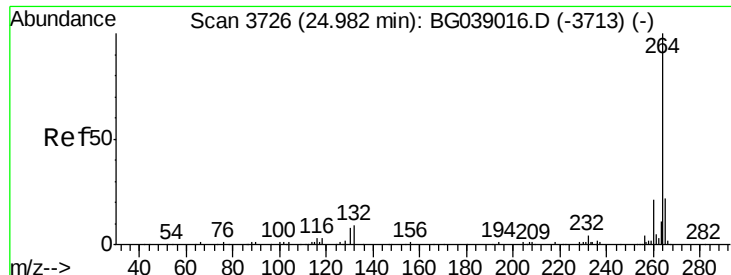


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.94 min Scan# 3719
Delta R.T. -0.04 min
Lab File: BG039162.D
Acq: 16 Jan 2019 18:18

Instrument :
BNA_G
ClientSampleId :
S-8

Tgt Ion:	264	Resp:	224255
Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.0	25.6
265	20.4	17.2	25.8

