

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011819\
 Data File : BG039221.D
 Acq On : 18 Jan 2019 18:35
 Operator : JU/SJ
 Sample : PB116481BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BL

Quant Time: Jan 18 21:56:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 04:20:14 2019
 Response via : Initial Calibration

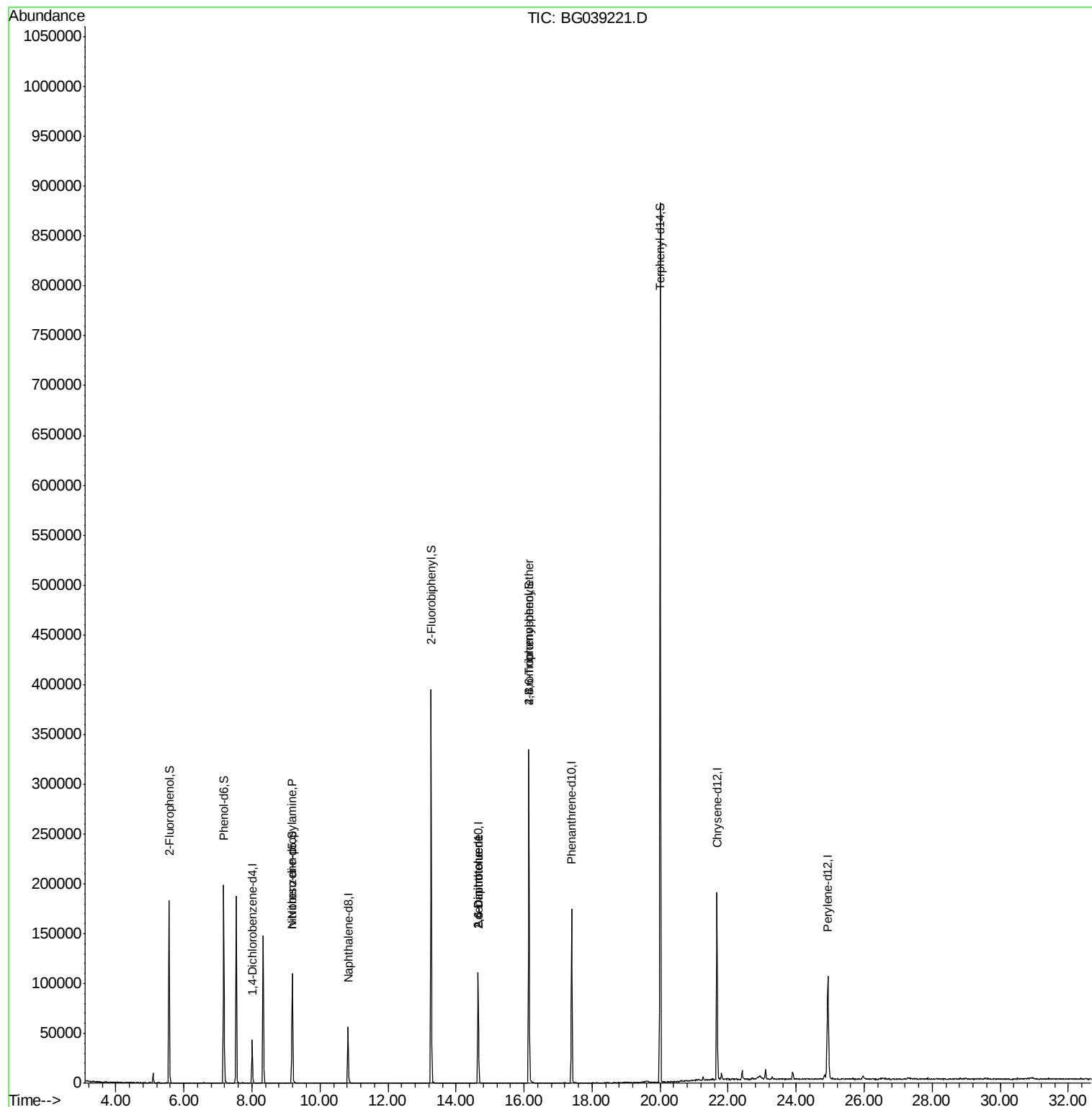
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13677	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	53346	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	42678	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	120543	20.00	ng	0.00
76) Chrysene-d12	21.67	240	124719	20.00	ng	0.00
87) Perylene-d12	24.93	264	129444	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	82280	114.12	ng	0.00
7) Phenol-d6	7.17	99	117430	113.18	ng	0.00
23) Nitrobenzene-d5	9.18	82	69102	70.88	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	80247	112.17	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	221389	70.99	ng	0.00
79) Terphenyl-d14	20.00	244	458445	68.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	9173	13.463	ng	# 68
51) 2,6-Dinitrotoluene	14.65	165	5169	6.411	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	5169	4.468	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	5100	3.291	ng	# 1

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

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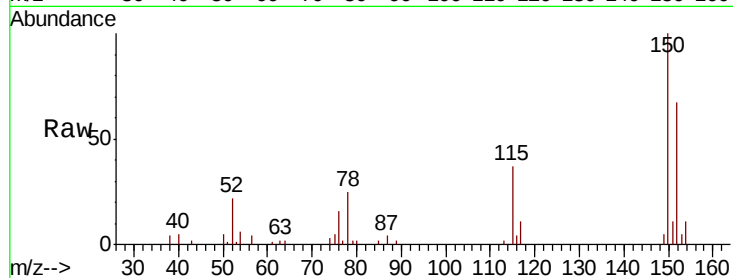




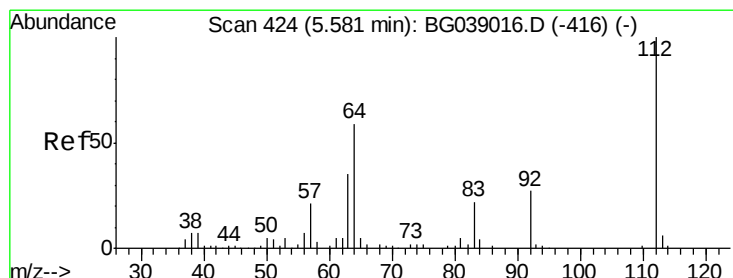
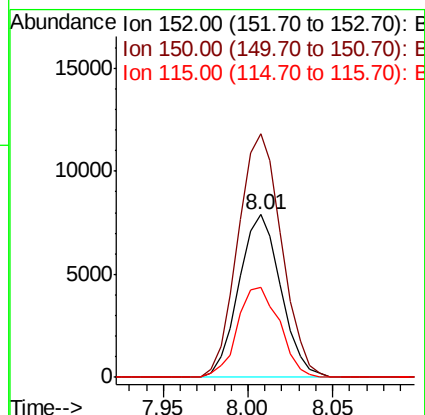
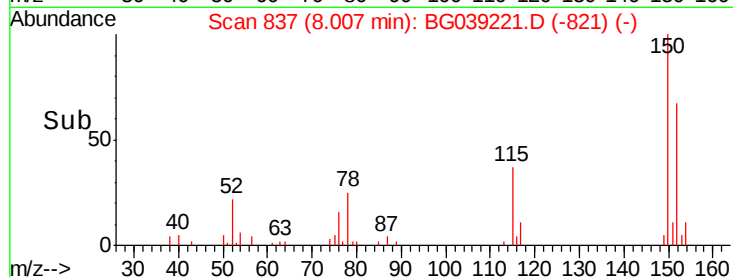
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG039221.D
 Acq: 18 Jan 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BL

Tgt Ion:152 Resp: 13677
 Ion Ratio Lower Upper
 152 100
 150 149.7 124.7 187.1
 115 55.6 46.5 69.7

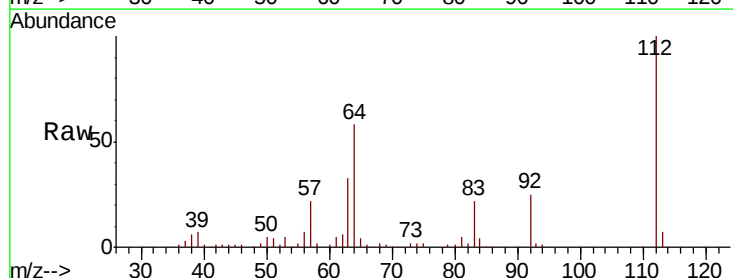


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

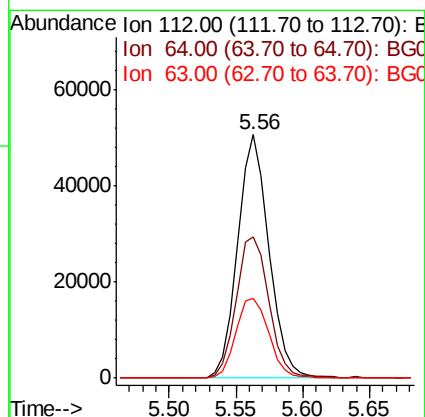
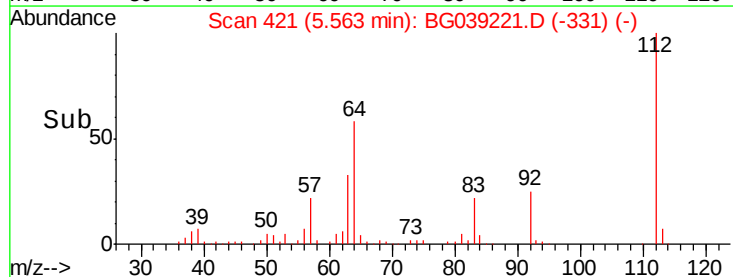


#5
 2-Fluorophenol
 Concen: 114.121 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG039221.D
 Acq: 18 Jan 2019 18:35

Tgt Ion:112 Resp: 82280
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.0 70.6
 63 32.8 28.0 42.0



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: 113.175 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039221.D

Acq: 18 Jan 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB116481BL

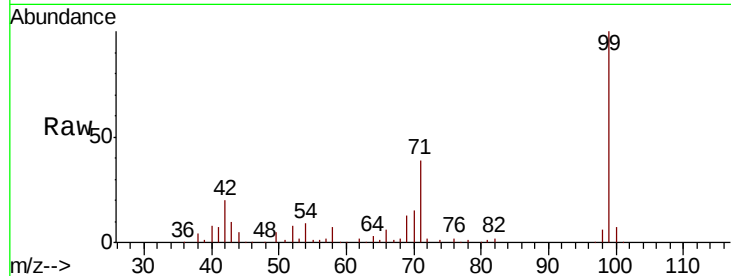
Tgt Ion: 99 Resp: 117430

Ion Ratio Lower Upper

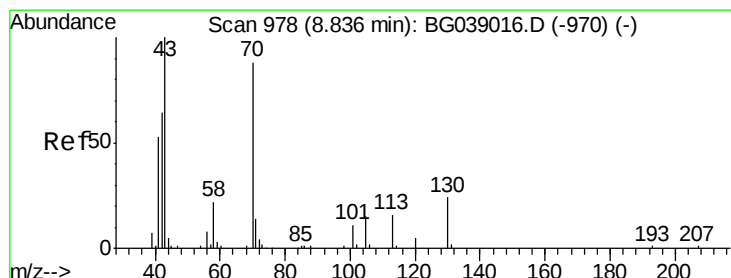
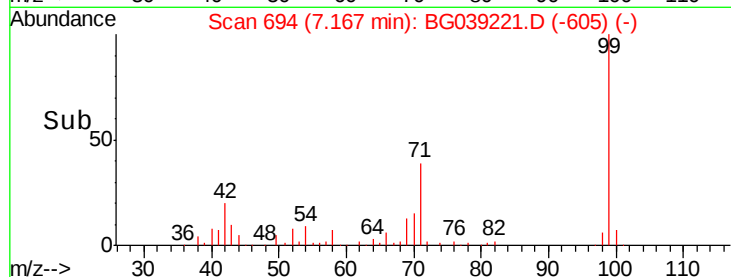
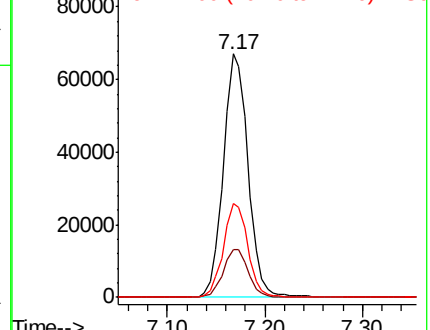
99 100

42 19.9 15.8 23.6

71 38.6 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: 13.463 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.37 min

Lab File: BG039221.D

Acq: 18 Jan 2019 18:35

Tgt Ion: 70 Resp: 9173

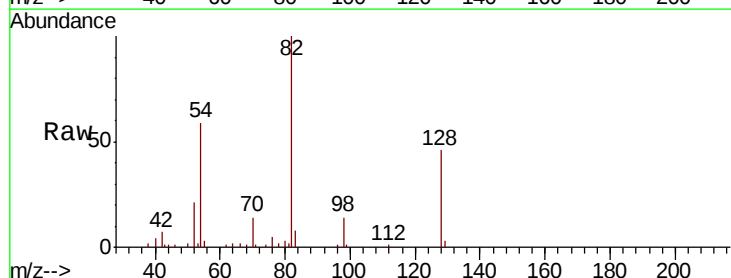
Ion Ratio Lower Upper

70 100

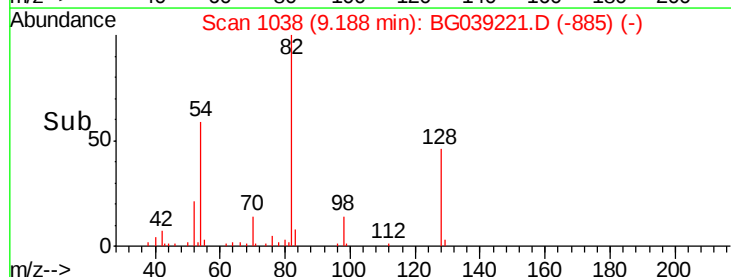
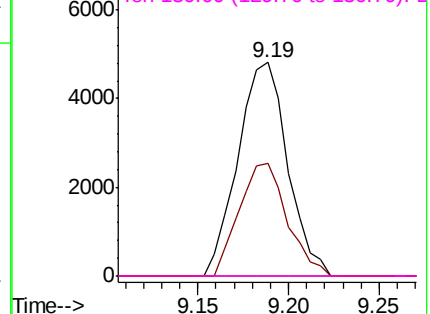
42 52.5 59.0 88.4#

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

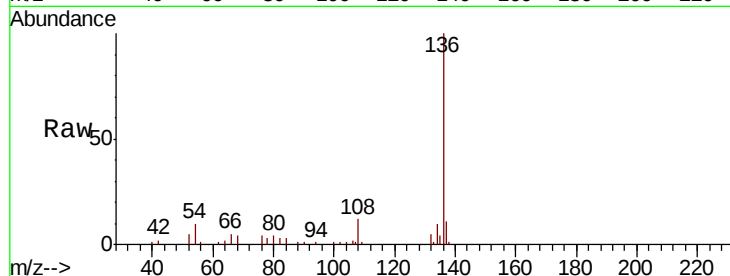




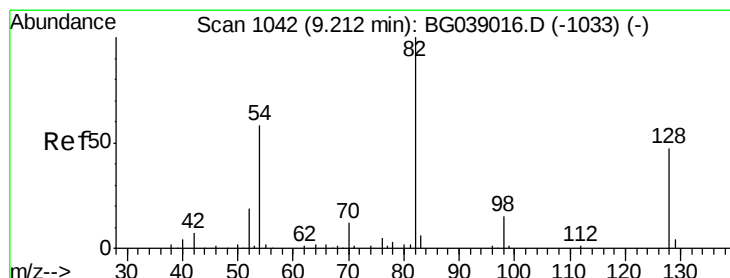
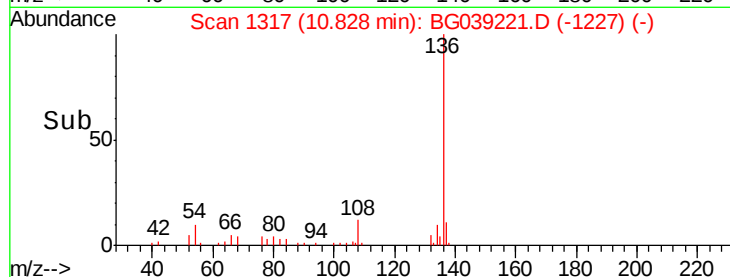
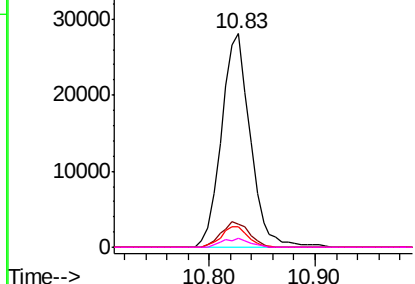
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039221.D
Acq: 18 Jan 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116481BL

Tgt Ion:	136	Resp:	53346
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.4	14.2
54	9.9	7.2	10.8
68	4.2	3.5	5.3

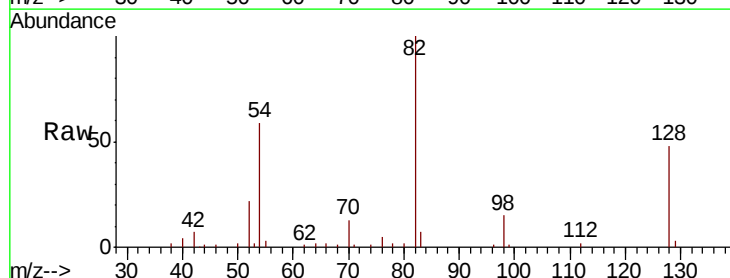


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

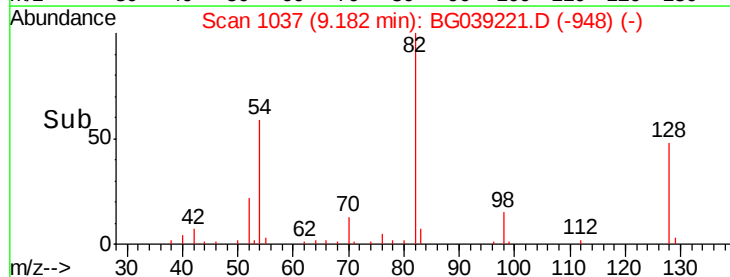
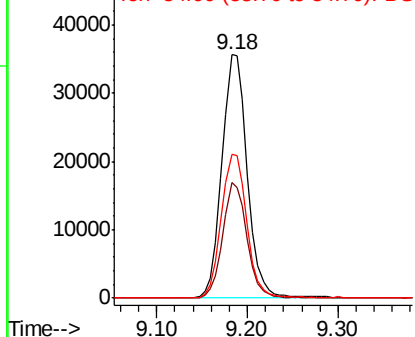


#23
Nitrobenzene-d5
Concen: 70.881 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG039221.D
Acq: 18 Jan 2019 18:35

Tgt Ion:	82	Resp:	69102
Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.3	55.9
54	59.2	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: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039221.D

Acq: 18 Jan 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB116481BL

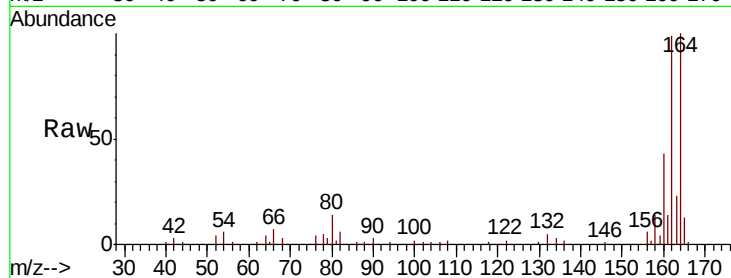
Tgt Ion:164 Resp: 42678

Ion Ratio Lower Upper

164 100

162 99.5 87.2 130.8

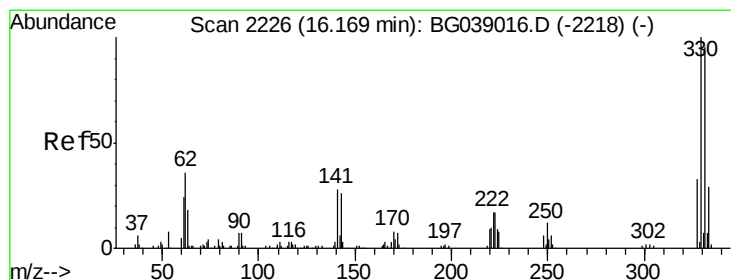
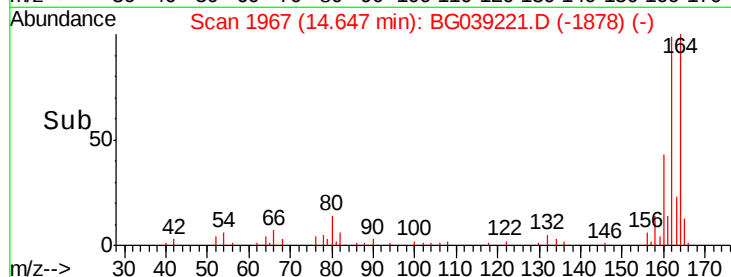
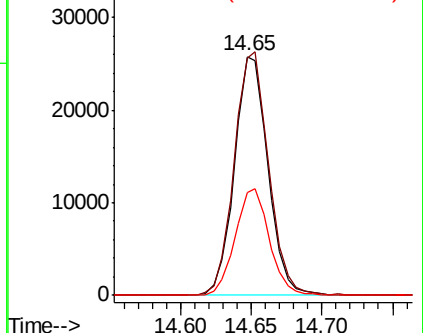
160 43.1 33.3 49.9



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: 112.171 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039221.D

Acq: 18 Jan 2019 18:35

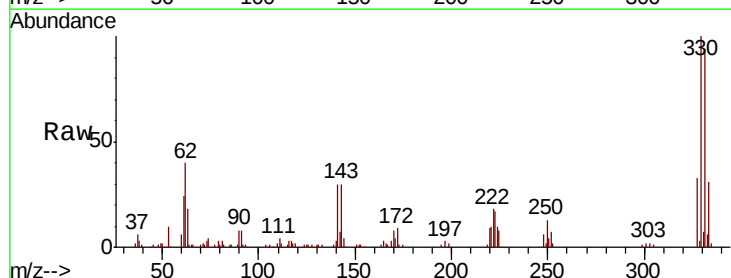
Tgt Ion:330 Resp: 80247

Ion Ratio Lower Upper

330 100

332 95.9 75.7 113.5

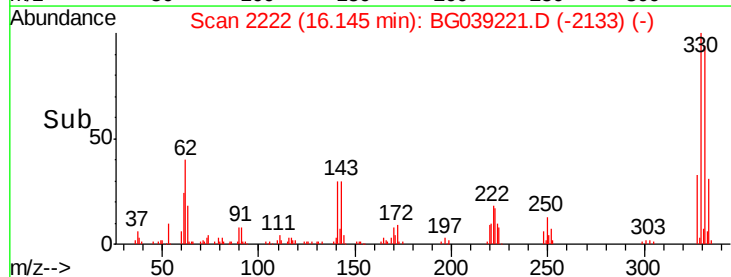
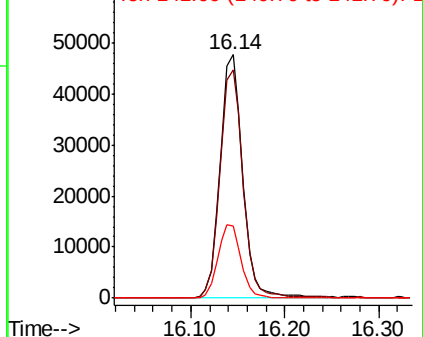
141 30.8 24.9 37.3

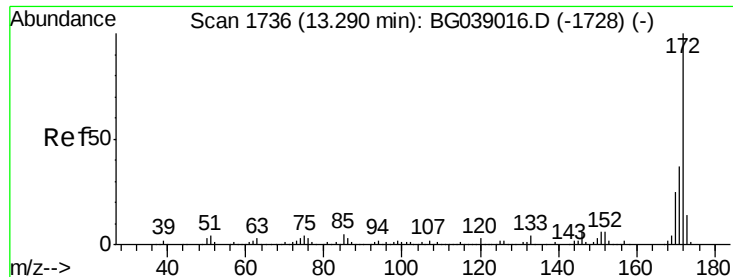


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

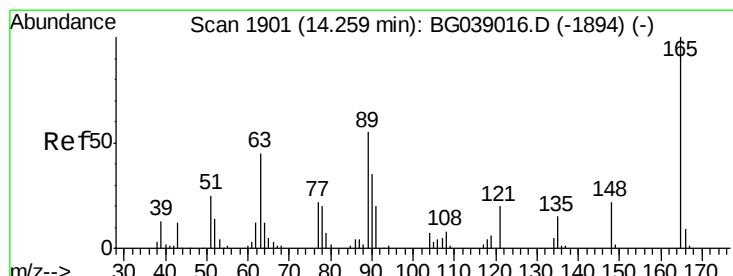
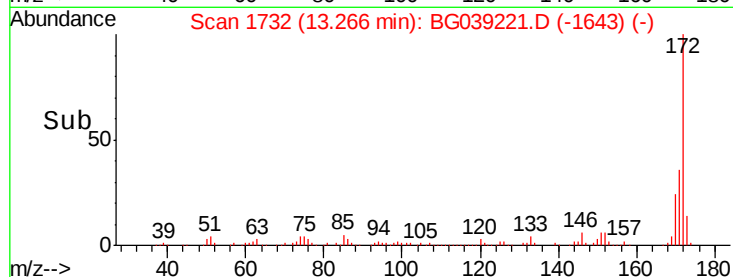
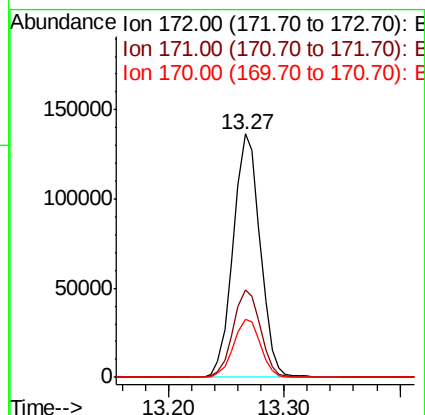
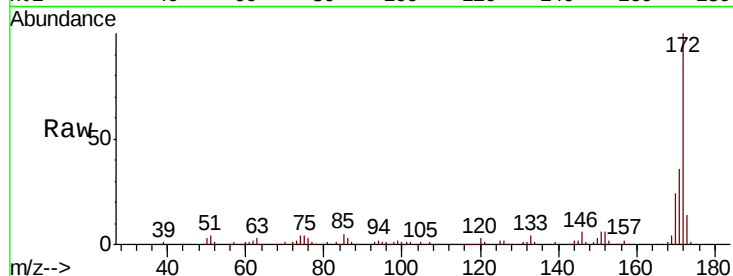




#45
 2-Fluorobiphenyl
 Concen: 70.993 ng
 RT: 13.27 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG039221.D
 Acq: 18 Jan 2019 18:35

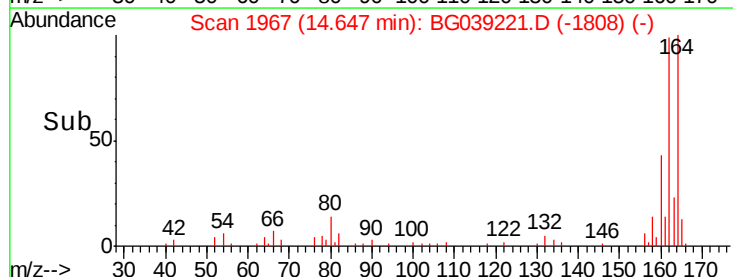
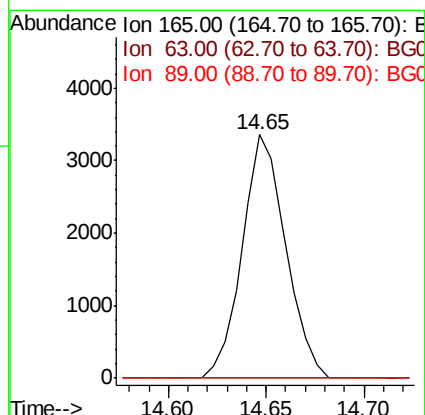
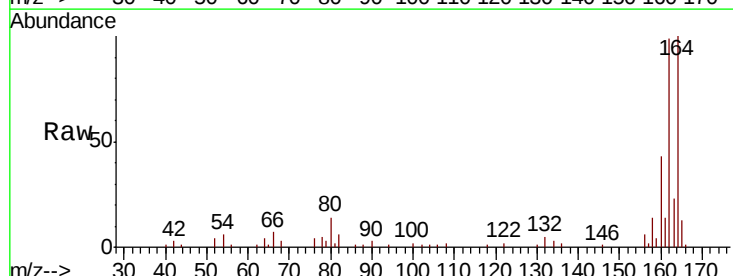
Instrument :
 BNA_G
 ClientSampleId :
 PB116481BL

Tgt Ion:	172	Resp:	221389
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	23.7	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.411 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. 0.40 min
 Lab File: BG039221.D
 Acq: 18 Jan 2019 18:35

Tgt Ion:	165	Resp:	5169
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#

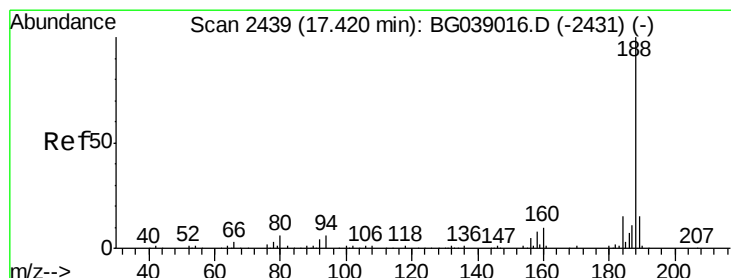
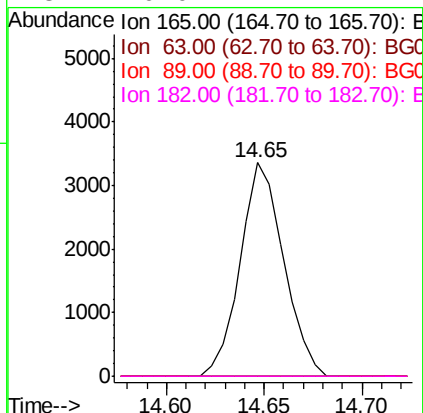
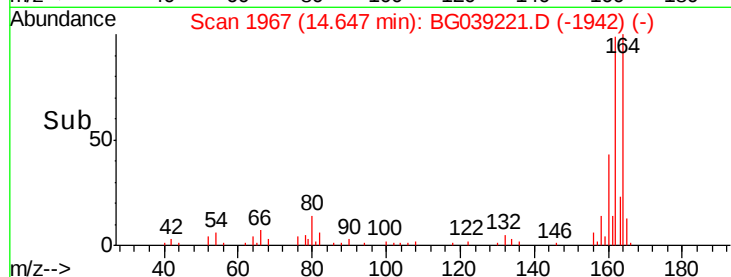
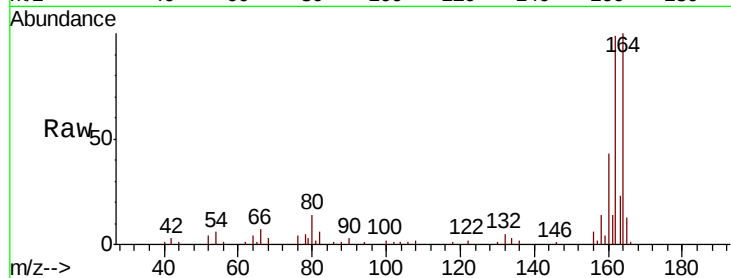




#57
 2,4-Dinitrotoluene
 Concen: 4.468 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.38 min
 Lab File: BG039221.D
 Acq: 18 Jan 2019 18:35

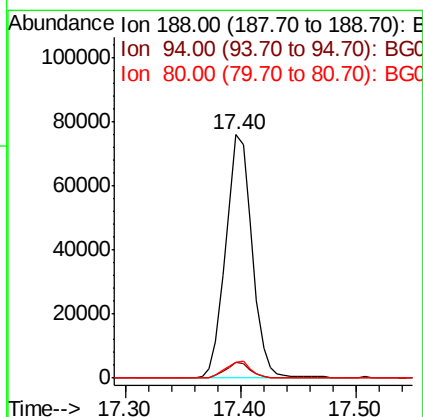
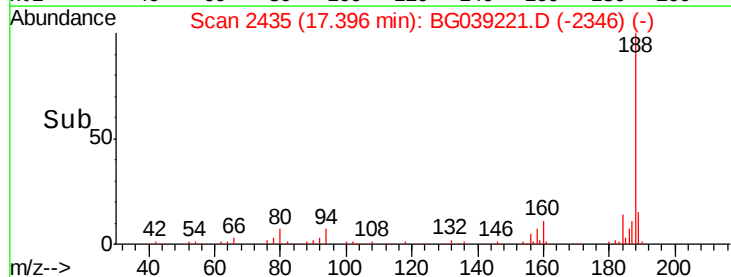
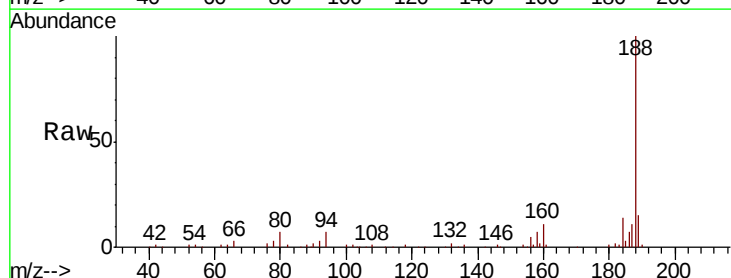
Instrument :
 BNA_G
 ClientSampleId :
 PB116481BL

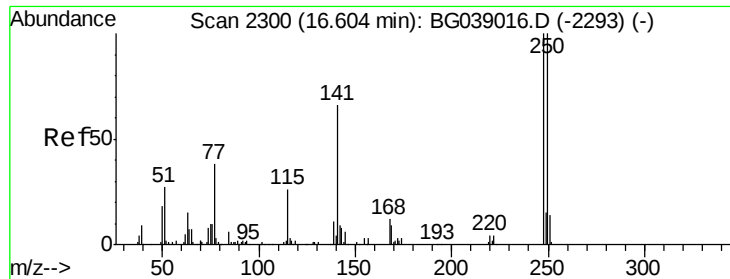
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG039221.D
 Acq: 18 Jan 2019 18:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.0	7.4
80	6.7	4.7	7.1

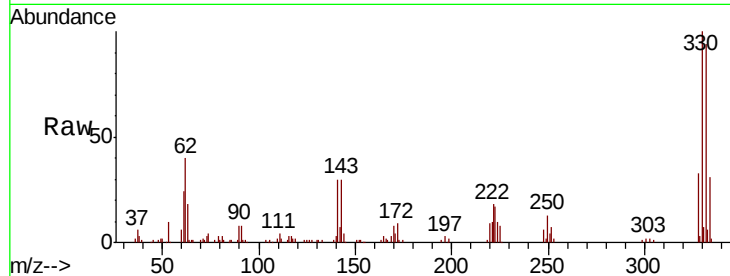




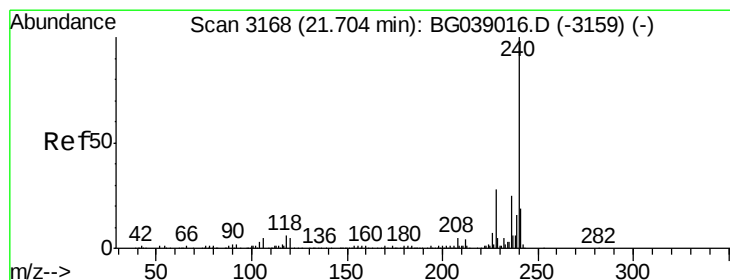
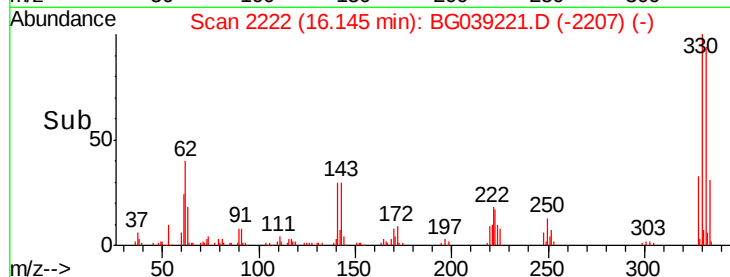
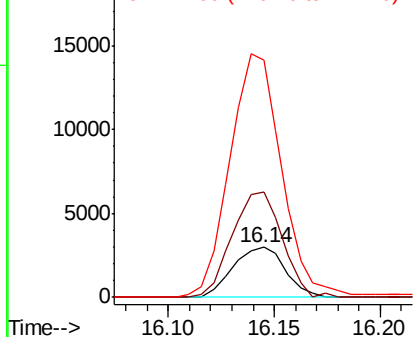
#67
 4-Bromophenyl-phenylether
 Concen: 3.291 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.44 min
 Lab File: BG039221.D
 Acq: 18 Jan 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BL

Tgt Ion:248 Resp: 5100
 Ion Ratio Lower Upper
 248 100
 250 278.4 79.9 119.9#
 141 471.1 52.7 79.1#

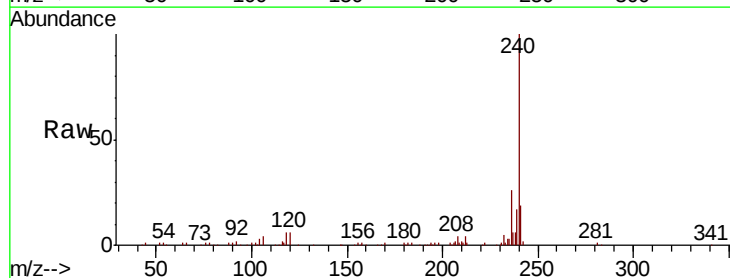


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

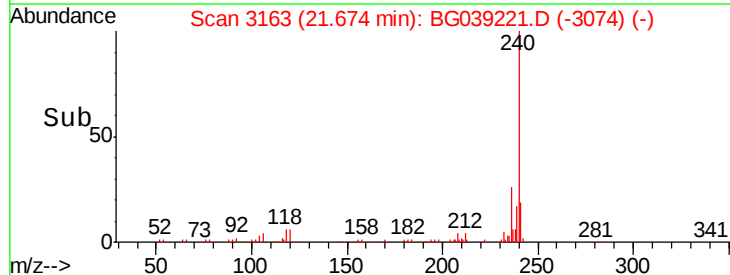
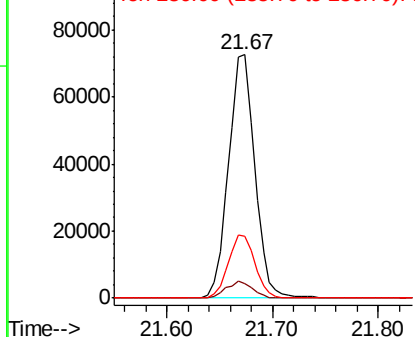


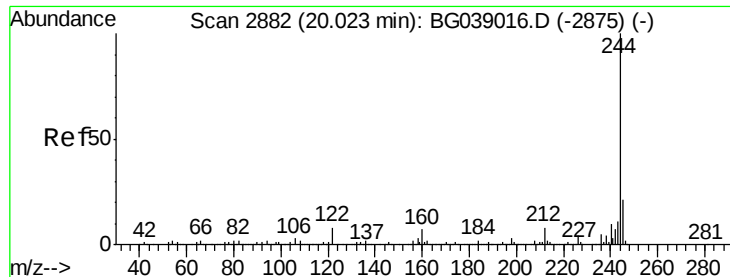
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG039221.D
 Acq: 18 Jan 2019 18:35

Tgt Ion:240 Resp: 124719
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.3 6.5
 236 25.6 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

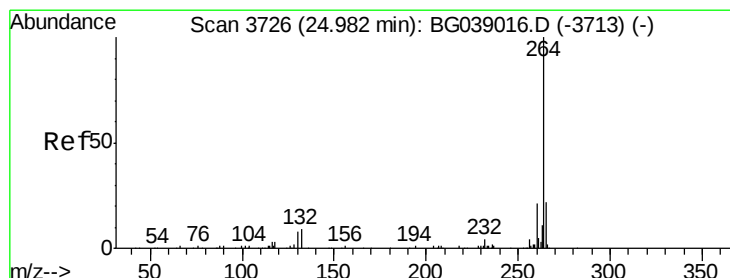
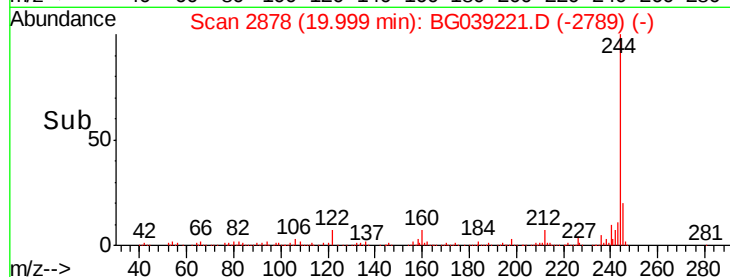
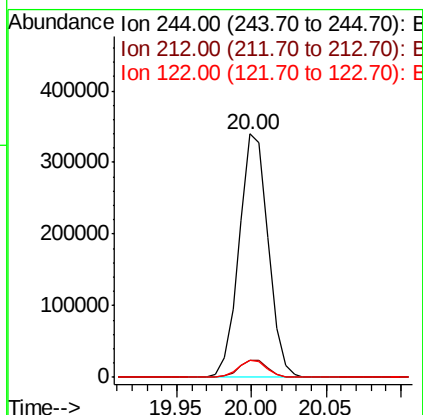
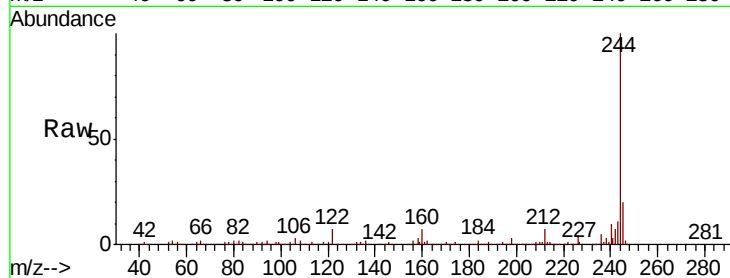




#79
 Terphenyl-d14
 Concen: 67.999 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG039221.D
 Acq: 18 Jan 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116481BL

Tgt Ion:244 Resp: 458445
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 7.2 6.1 9.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.02 min
 Lab File: BG039221.D
 Acq: 18 Jan 2019 18:35

Tgt Ion:264 Resp: 129444
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.0 25.6
 265 23.6 17.2 25.8

