

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010919\
 Data File : BG039050.D
 Acq On : 10 Jan 2019 11:30
 Operator : JU/SJ
 Sample : K1006-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-F

Quant Time: Jan 10 13:32:44 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

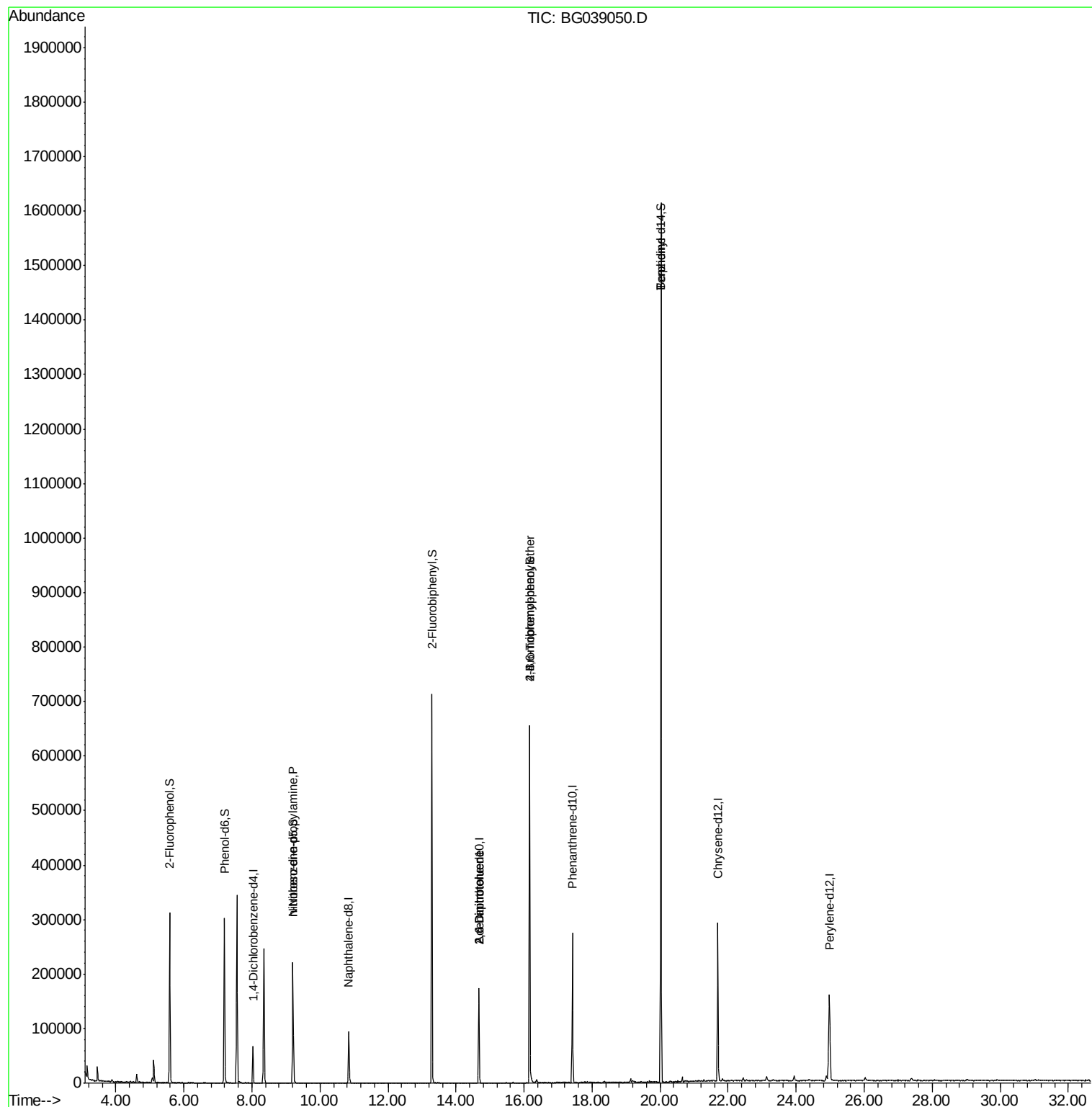
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20968	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	87504	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66423	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	182365	20.00	ng	0.00
76) Chrysene-d12	21.70	240	184316	20.00	ng	0.00
87) Perylene-d12	24.97	264	197577	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	140763	127.35	ng	0.00
7) Phenol-d6	7.19	99	177557	111.62	ng	0.00
23) Nitrobenzene-d5	9.21	82	131943	82.51	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	144399	129.69	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	389233	80.20	ng	0.00
79) Terphenyl-d14	20.02	244	803094	80.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	17221	16.486	ng	# 69
51) 2,6-Dinitrotoluene	14.67	165	8280	6.598	ng	# 27
57) 2,4-Dinitrotoluene	14.67	165	8280	4.599	ng	# 29
67) 4-Bromophenyl-phenylether	16.16	248	9507	4.056	ng	# 1
77) Benzidine	20.02	184	13195	2.341	ng	# 93

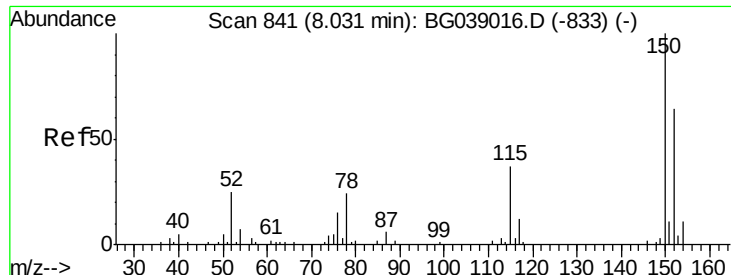
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010919\
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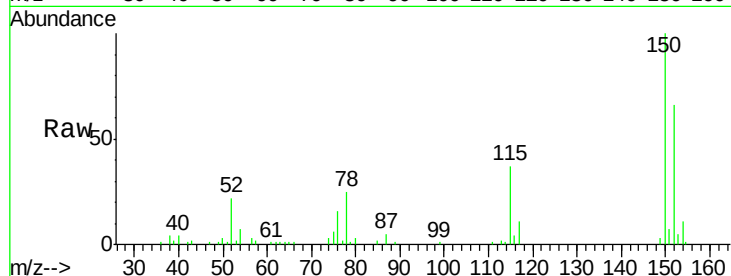




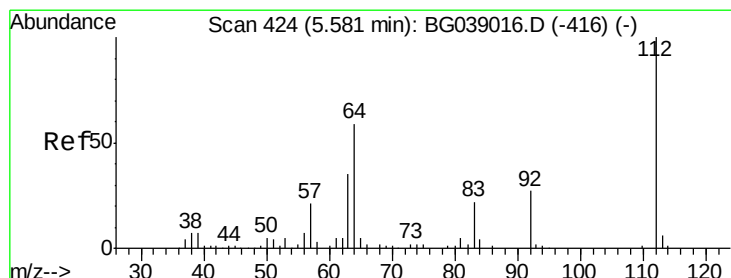
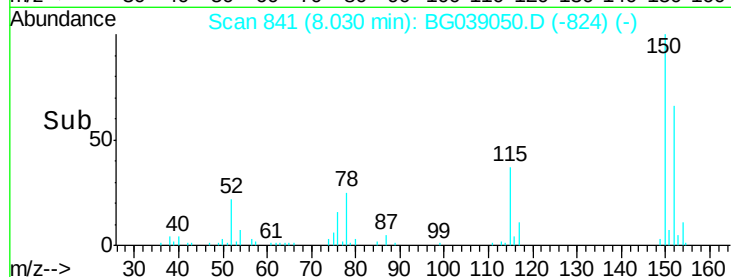
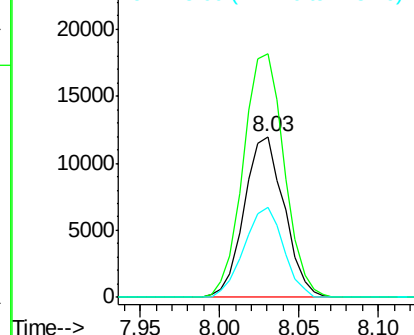
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BG039050.D
 Acq: 10 Jan 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-F

Tgt Ion:152 Resp: 20968
 Ion Ratio Lower Upper
 152 100
 150 151.4 124.7 187.1
 115 55.7 46.5 69.7

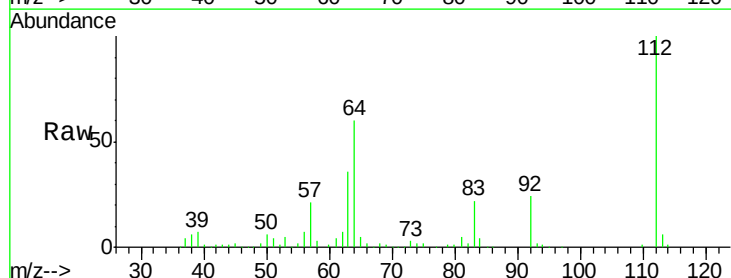


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

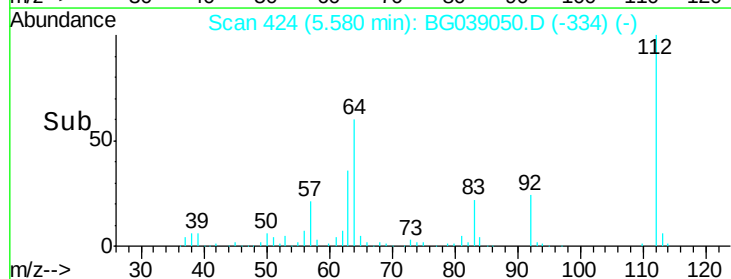
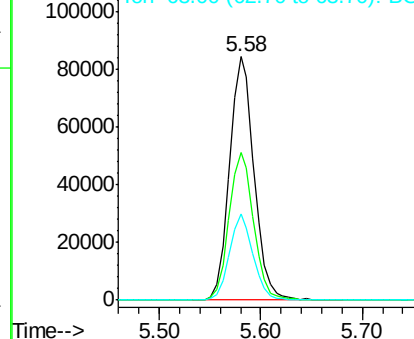


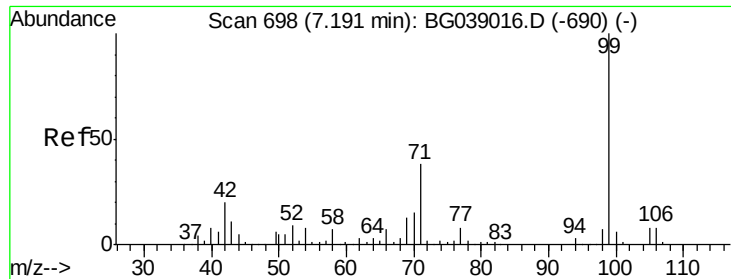
#5
 2-Fluorophenol
 Concen: 127.349 ng
 RT: 5.58 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BG039050.D
 Acq: 10 Jan 2019 11:30

Tgt Ion:112 Resp: 140763
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.0 70.6
 63 35.6 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: 111.620 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039050.D

Acq: 10 Jan 2019 11:30

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-F

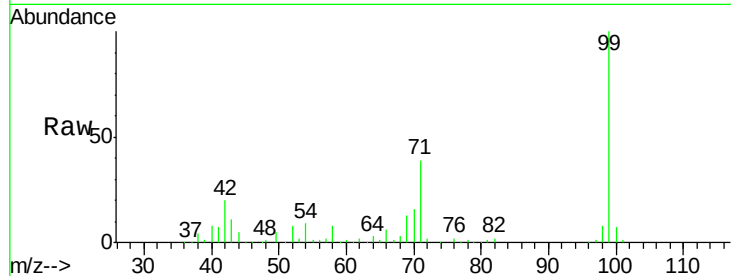
Tgt Ion: 99 Resp: 177557

Ion Ratio Lower Upper

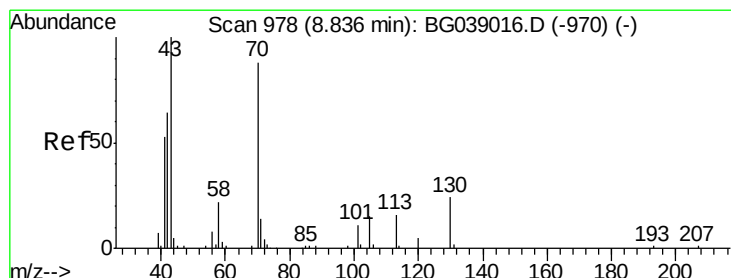
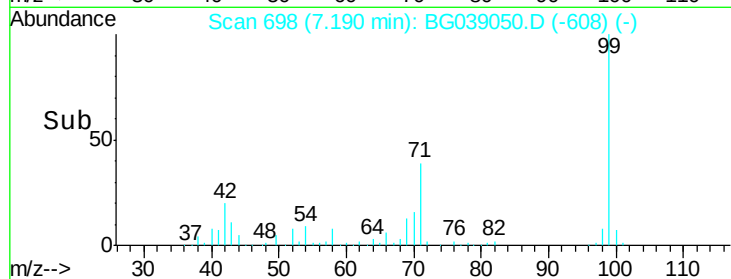
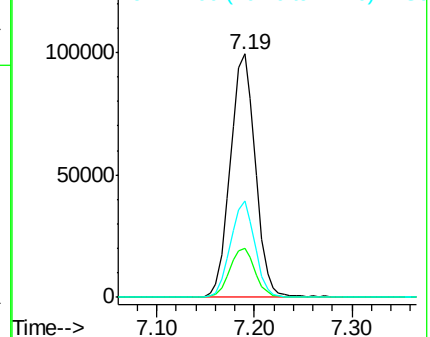
99 100

42 20.3 15.8 23.6

71 39.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.486 ng

RT: 9.21 min Scan# 1041

Delta R.T. 0.37 min

Lab File: BG039050.D

Acq: 10 Jan 2019 11:30

Tgt Ion: 70 Resp: 17221

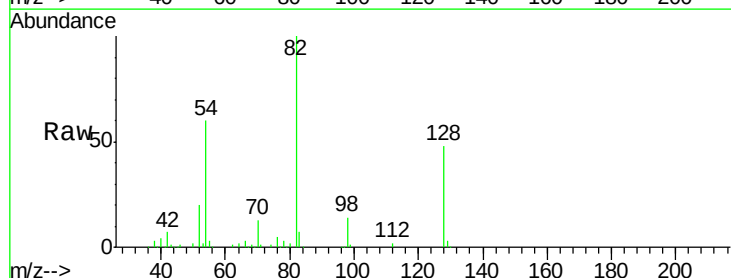
Ion Ratio Lower Upper

70 100

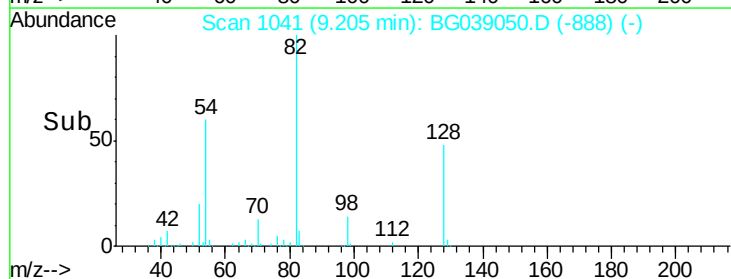
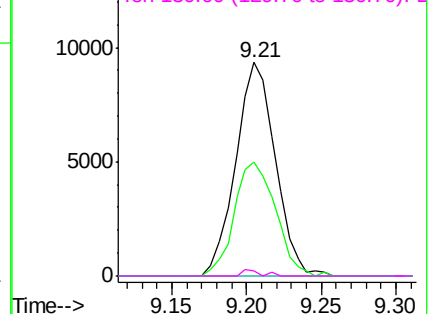
42 53.2 59.0 88.4#

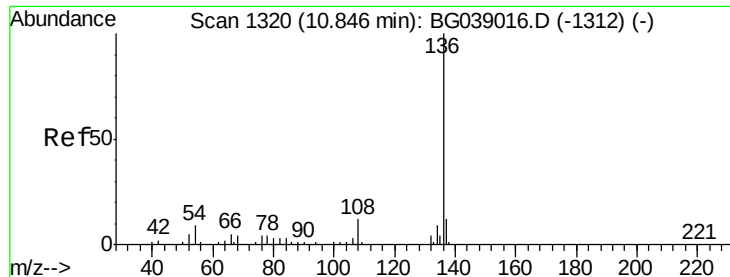
101 0.0 10.4 15.6#

130 2.4 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

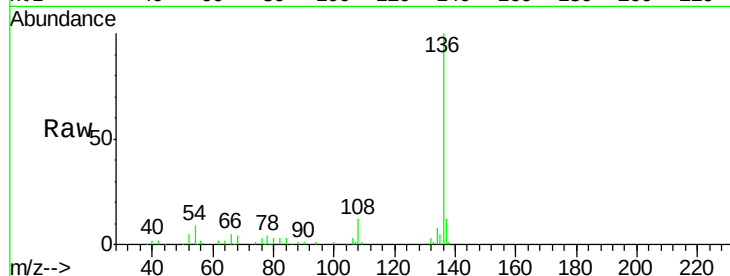




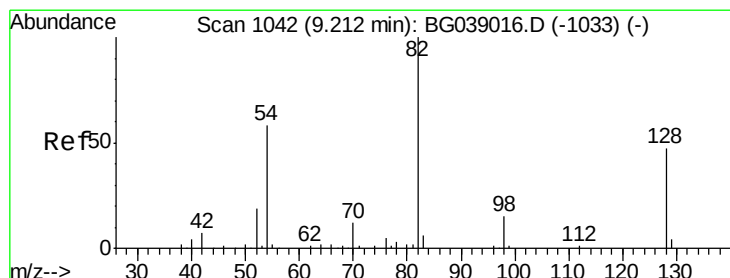
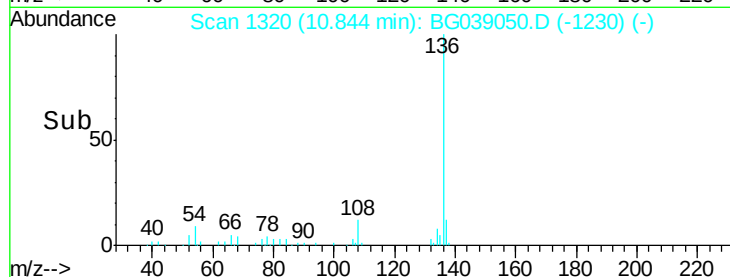
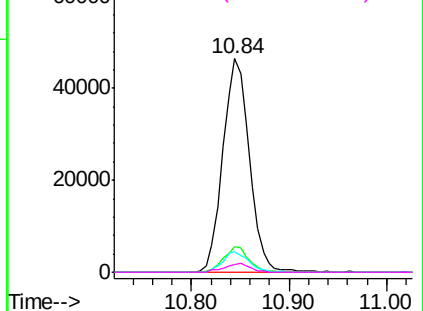
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039050.D
Acq: 10 Jan 2019 11:30

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-F

Tgt Ion:	136	Resp:	87504
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.4	14.2
54	9.5	7.2	10.8
68	3.6	3.5	5.3

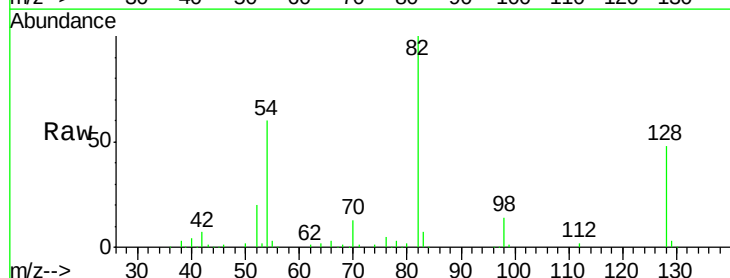


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

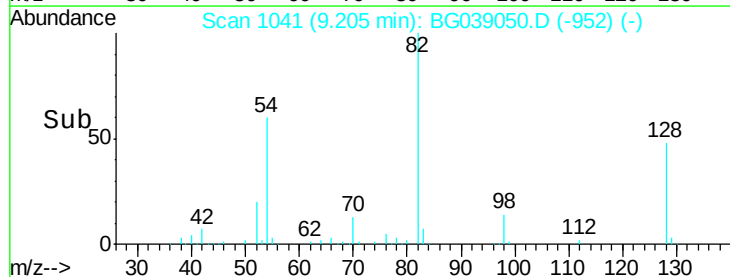
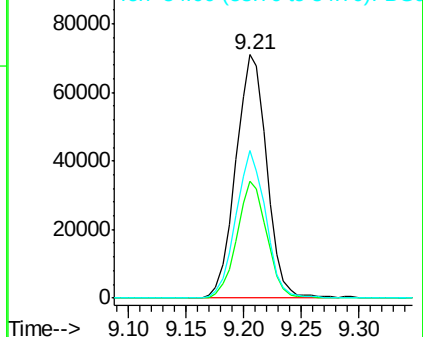


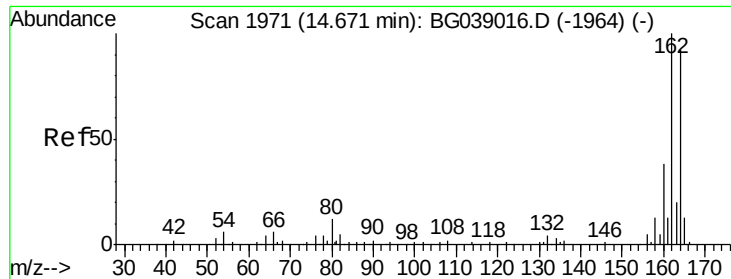
#23
Nitrobenzene-d5
Concen: 82.509 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039050.D
Acq: 10 Jan 2019 11:30

Tgt Ion:	82	Resp:	131943
Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.3	55.9
54	60.4	46.4	69.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
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: BG039050.D

Acq: 10 Jan 2019 11:30

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-F

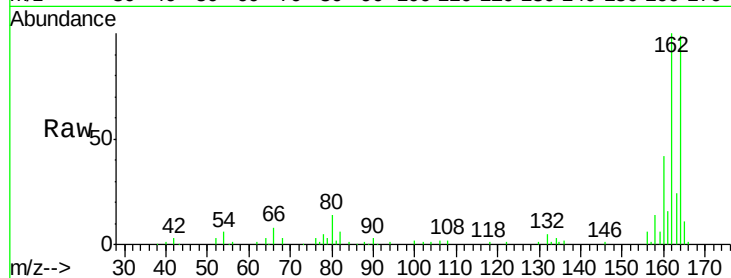
Tgt Ion:164 Resp: 66423

Ion Ratio Lower Upper

164 100

162 101.4 87.2 130.8

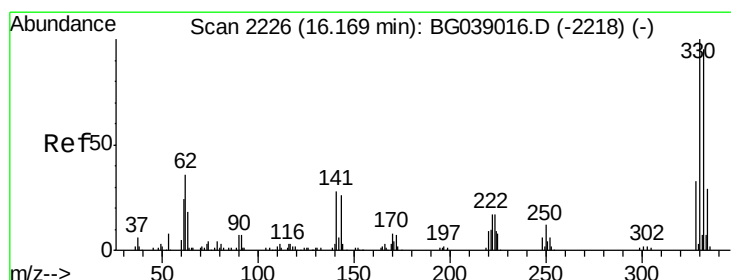
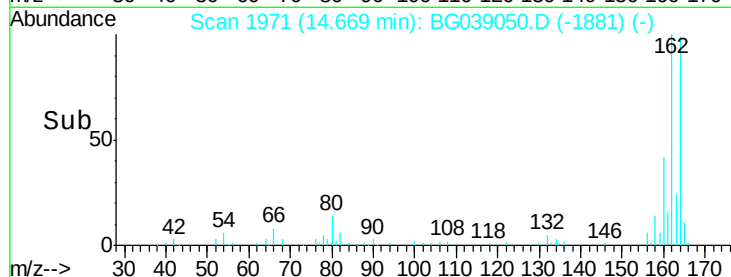
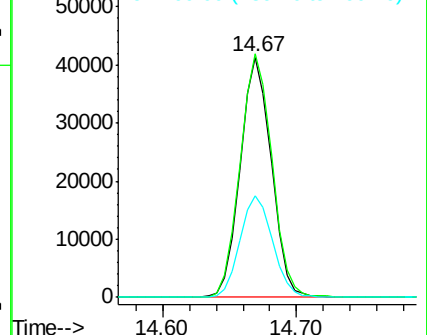
160 42.1 33.3 49.9



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: 129.688 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039050.D

Acq: 10 Jan 2019 11:30

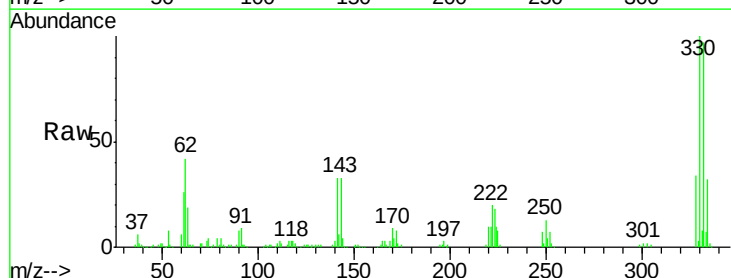
Tgt Ion:330 Resp: 144399

Ion Ratio Lower Upper

330 100

332 93.9 75.7 113.5

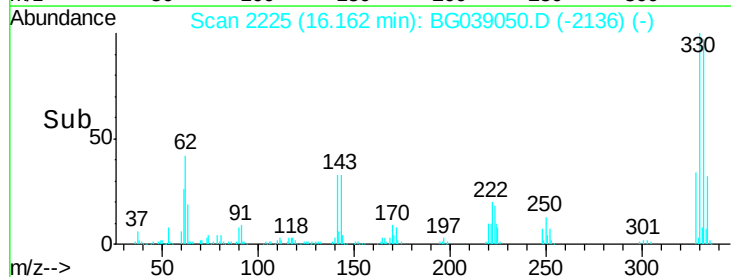
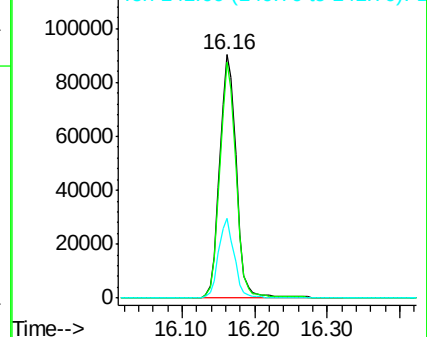
141 31.2 24.9 37.3

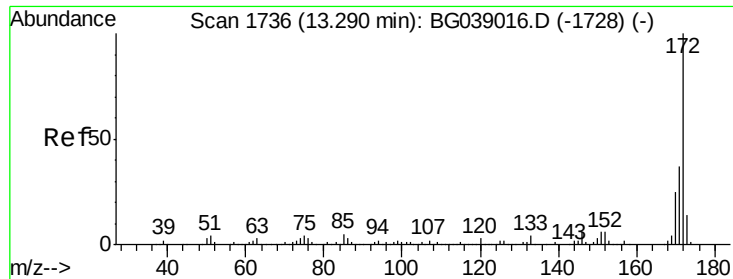


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

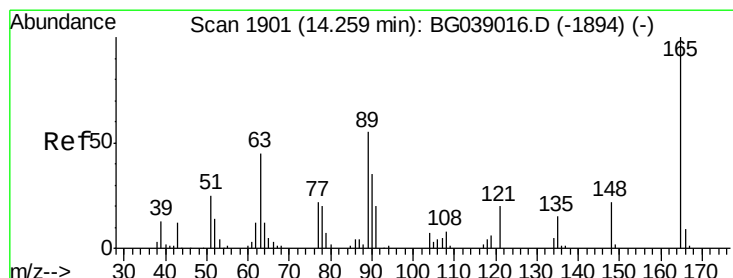
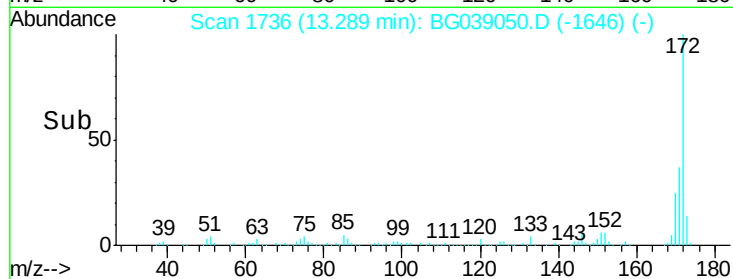
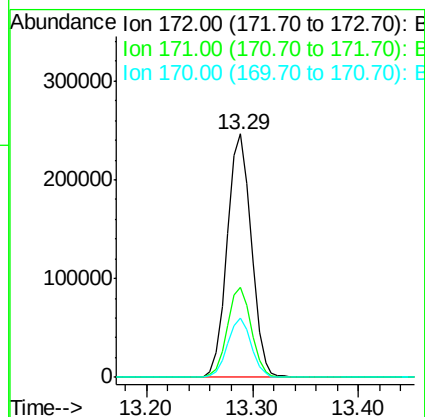
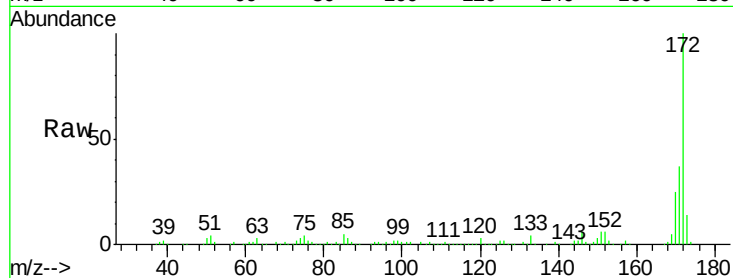




#45
 2-Fluorobiphenyl
 Concen: 80.197 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039050.D
 Acq: 10 Jan 2019 11:30

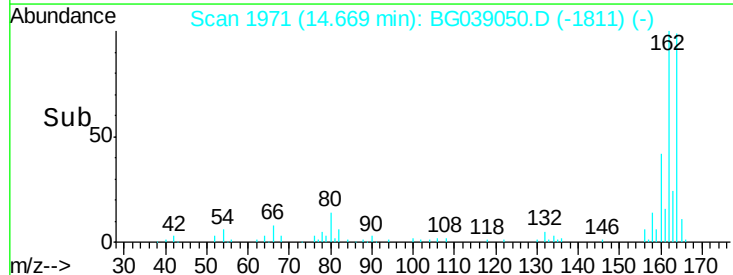
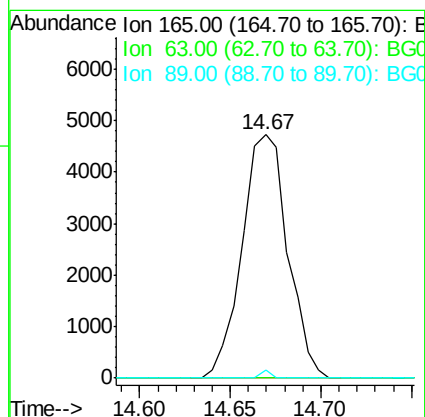
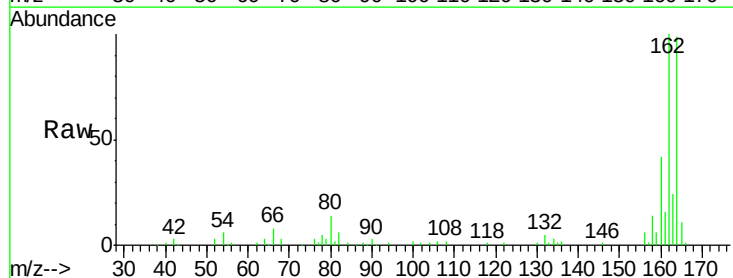
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-F

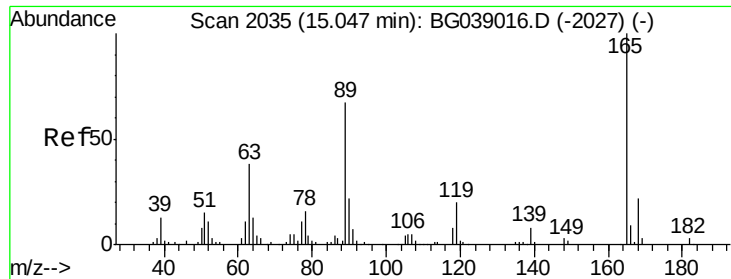
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.5	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.598 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.41 min
 Lab File: BG039050.D
 Acq: 10 Jan 2019 11:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.6	65.4#
89	3.6	43.7	65.5#





#57

2,4-Dinitrotoluene

Concen: 4.599 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.38 min

Lab File: BG039050.D

Acq: 10 Jan 2019 11:30

Instrument :

BNA_G

ClientSampleId :

JC-03-010819-F

Tgt Ion:165 Resp: 8280

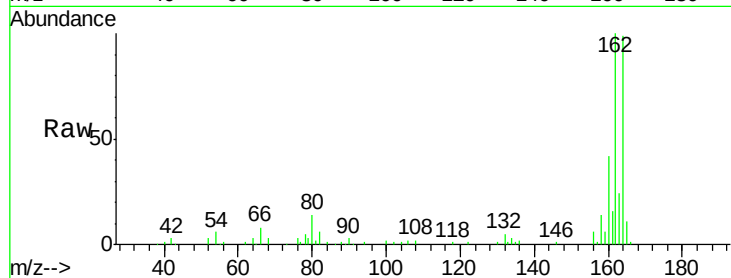
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 3.6 53.2 79.8#

182 0.0 2.7 4.1#

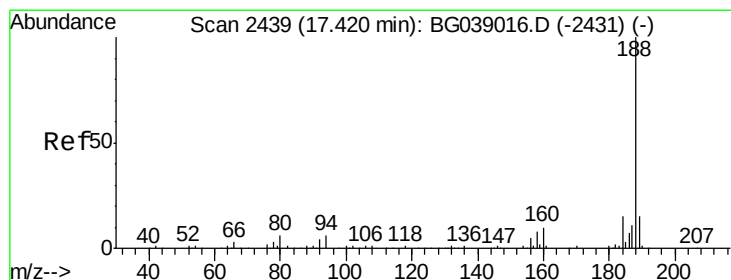
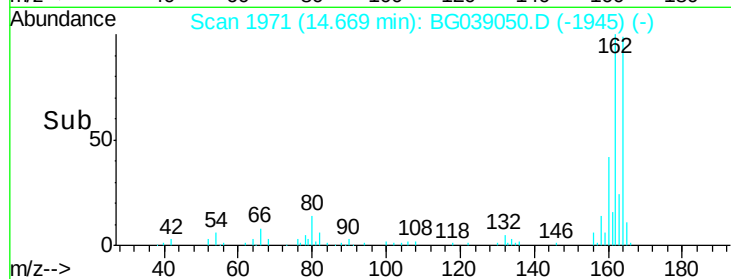
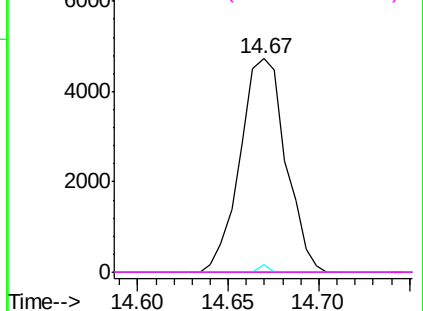


Abundance Ion 165.00 (164.70 to 165.70): E

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# 2439

Delta R.T. -0.00 min

Lab File: BG039050.D

Acq: 10 Jan 2019 11:30

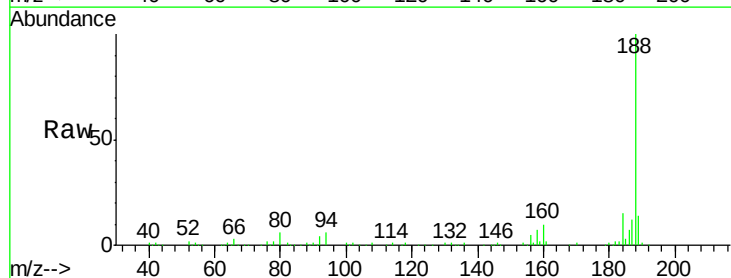
Tgt Ion:188 Resp: 182365

Ion Ratio Lower Upper

188 100

94 5.8 5.0 7.4

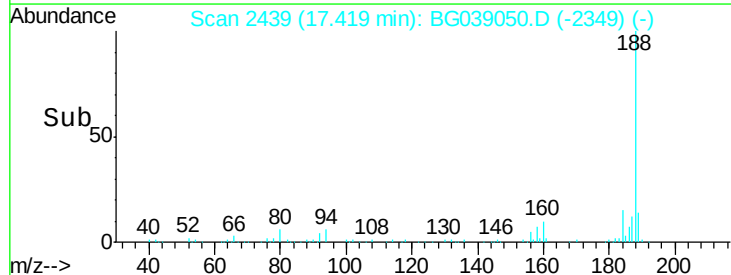
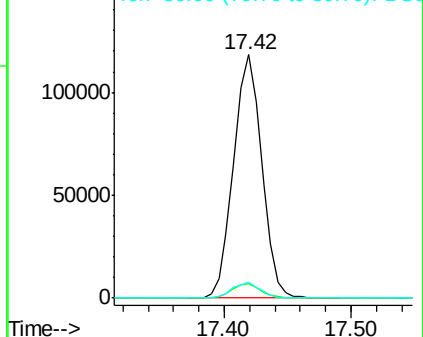
80 6.4 4.7 7.1

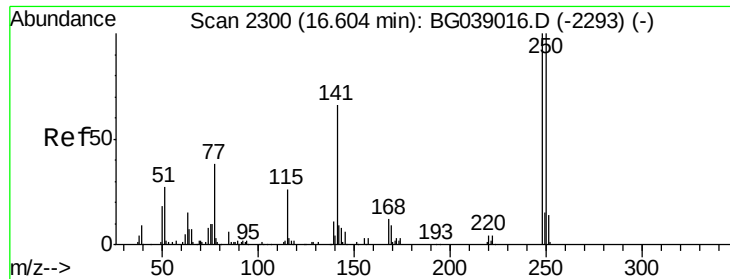


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

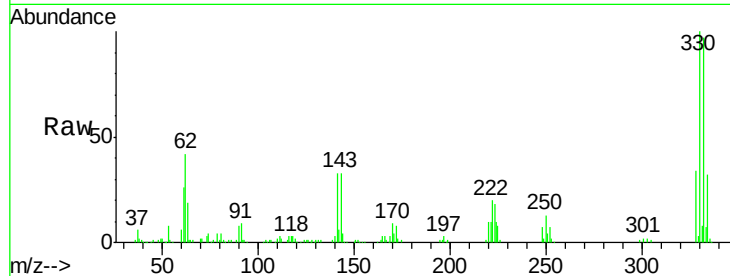




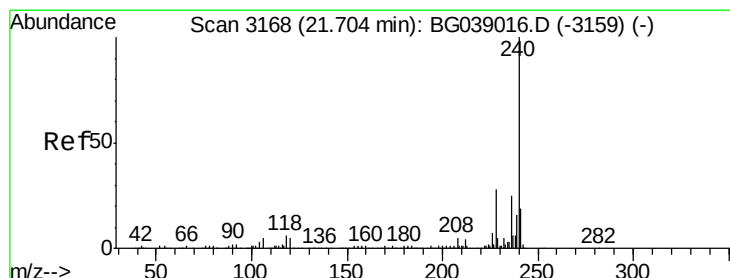
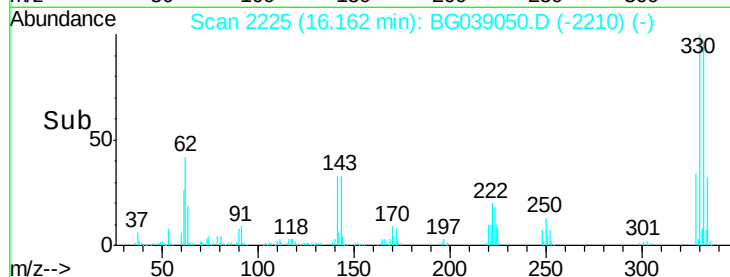
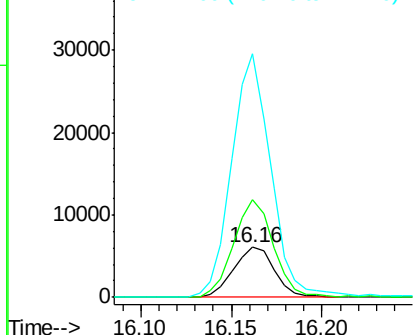
#67
 4-Bromophenyl-phenylether
 Concen: 4.056 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG039050.D
 Acq: 10 Jan 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-010819-F

Tgt Ion:248 Resp: 9507
 Ion Ratio Lower Upper
 248 100
 250 196.9 79.9 119.9#
 141 374.6 52.7 79.1#

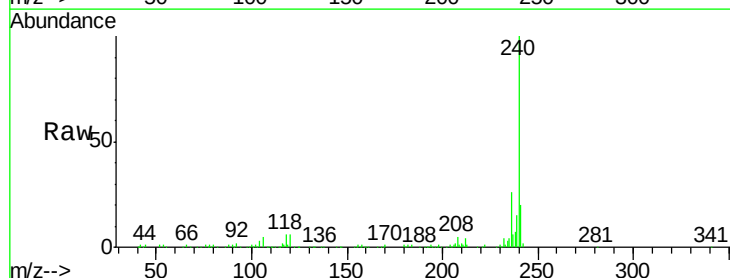


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

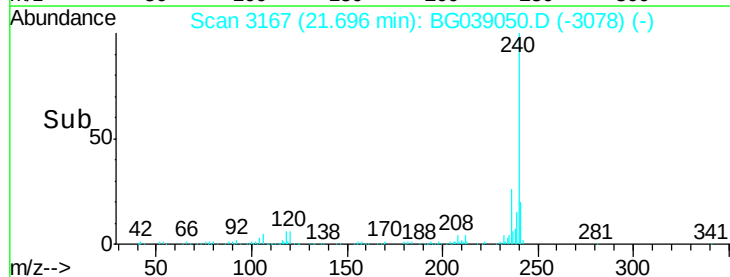
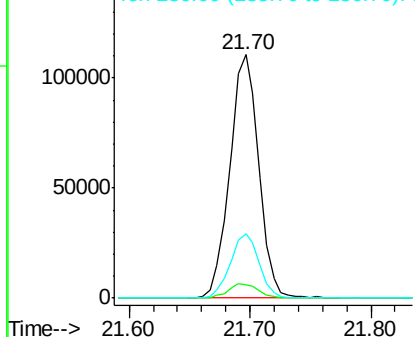


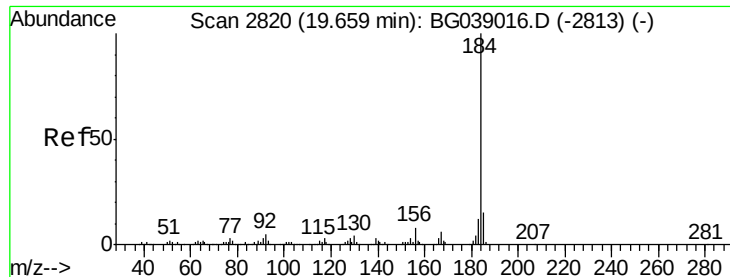
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG039050.D
 Acq: 10 Jan 2019 11:30

Tgt Ion:240 Resp: 184316
 Ion Ratio Lower Upper
 240 100
 120 5.7 4.3 6.5
 236 26.4 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

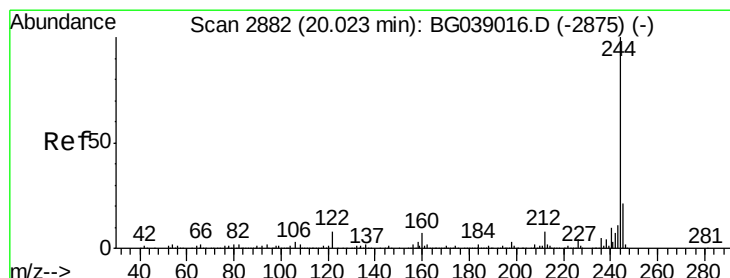
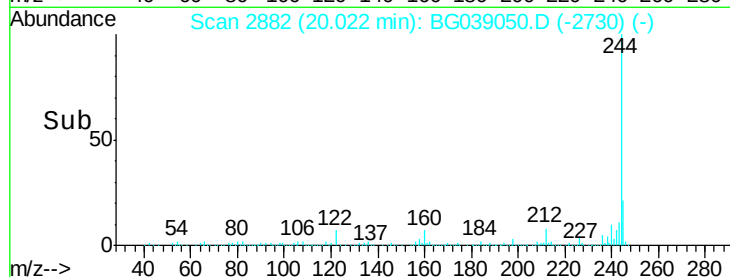
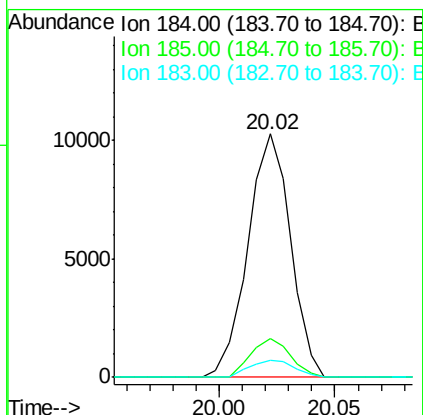
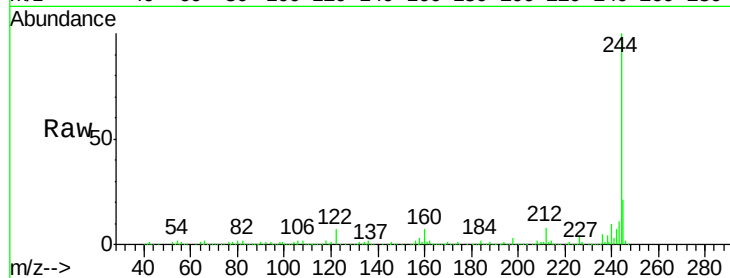




#77
Benzidine
Concen: 2.341 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG039050.D
Acq: 10 Jan 2019 11:30

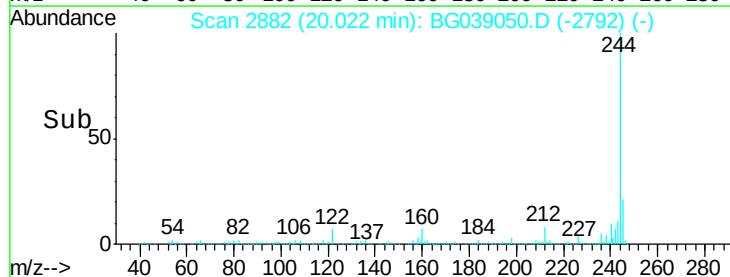
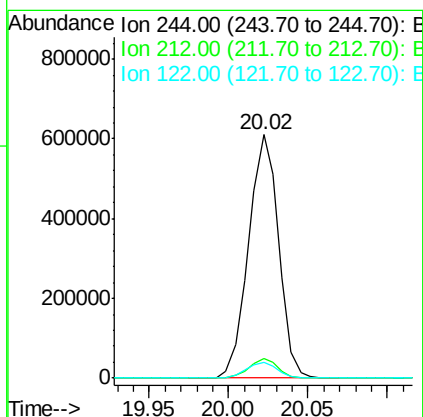
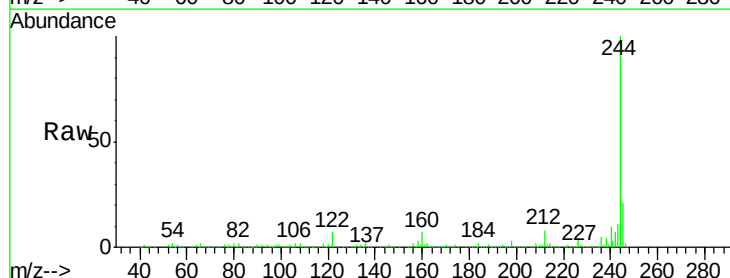
Instrument :
BNA_G
ClientSampleId :
JC-03-010819-F

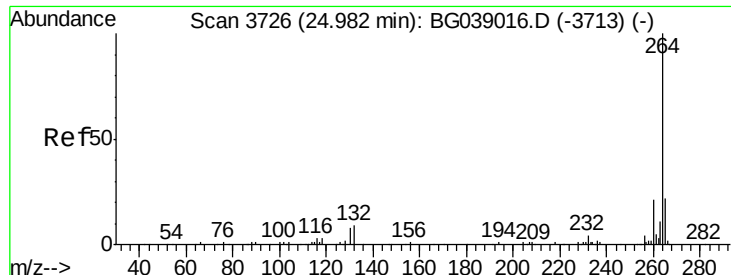
Tgt Ion:184 Resp: 13195
Ion Ratio Lower Upper
184 100
185 16.2 12.1 18.1
183 7.2 9.5 14.3#



#79
Terphenyl-d14
Concen: 80.603 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG039050.D
Acq: 10 Jan 2019 11:30

Tgt Ion:244 Resp: 803094
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 6.6 6.1 9.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.01 min
Lab File: BG039050.D
Acq: 10 Jan 2019 11:30

Instrument :
BNA_G
ClientSampleId :
JC-03-010819-F

Tgt Ion:	264	Resp:	197577
Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.0	25.6
265	22.6	17.2	25.8

