

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011619\
 Data File : BG039177.D
 Acq On : 17 Jan 2019 4:11
 Operator : JU/SJ
 Sample : K1010-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-A

Quant Time: Jan 17 05:44:23 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

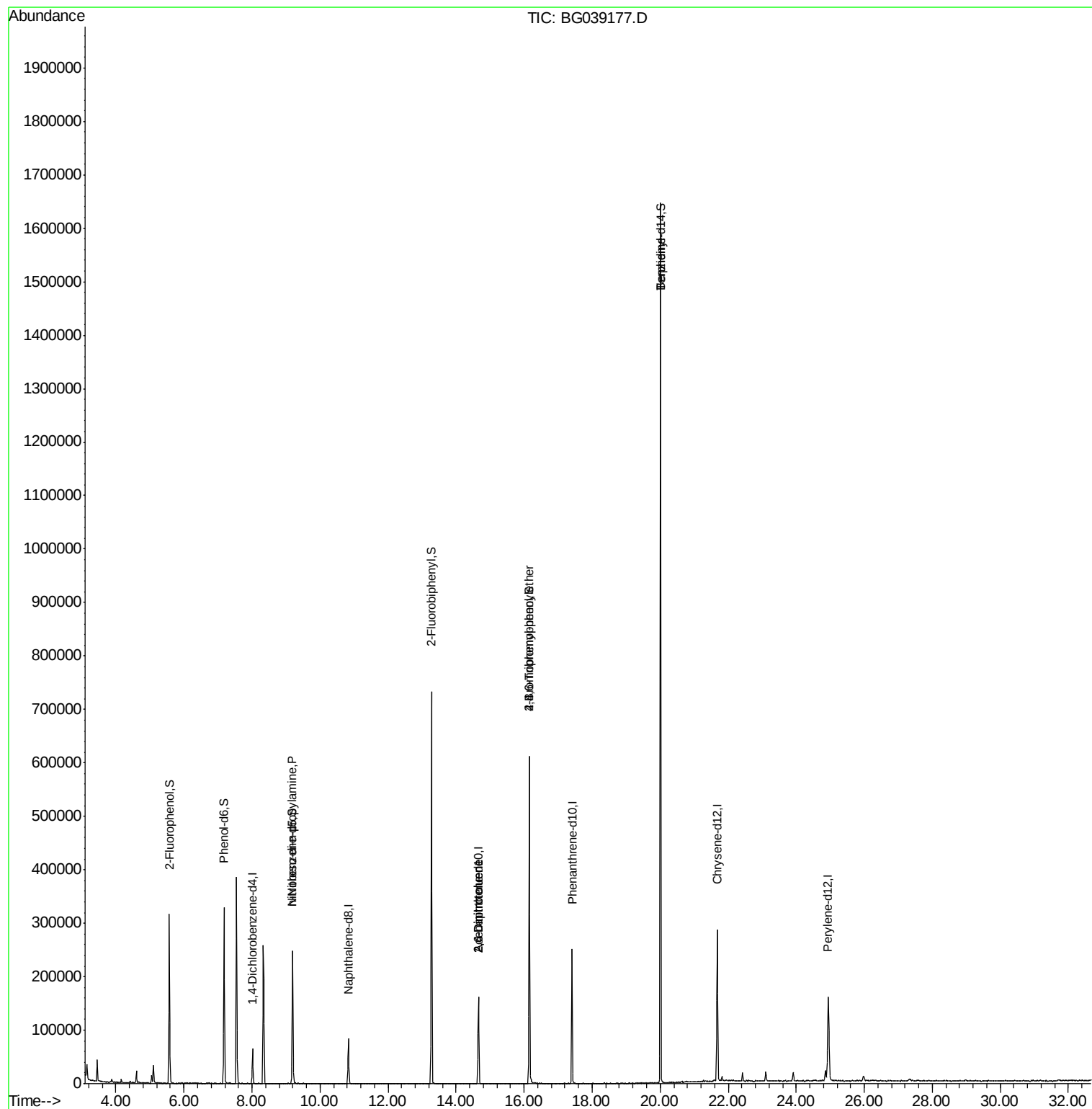
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	19489	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	78227	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	64109	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	169057	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	186015	20.00	ng	-0.03
87) Perylene-d12	24.94	264	196077	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	139826	136.10	ng	-0.01
7) Phenol-d6	7.18	99	187871	127.07	ng	-0.01
23) Nitrobenzene-d5	9.19	82	155634	108.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	136495	127.01	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	404614	86.37	ng	-0.01
79) Terphenyl-d14	20.01	244	828521	82.40	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	20022	20.622	ng	# 67
51) 2,6-Dinitrotoluene	14.66	165	7777	6.421	ng	# 24
57) 2,4-Dinitrotoluene	14.66	165	7777	4.475	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	8859	4.077	ng	# 1
77) Benzidine	20.01	184	13773	2.421	ng	# 94

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

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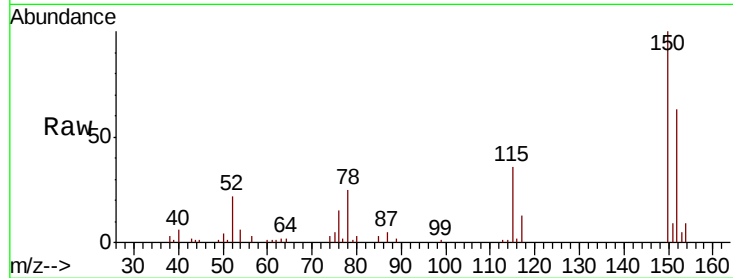


#1

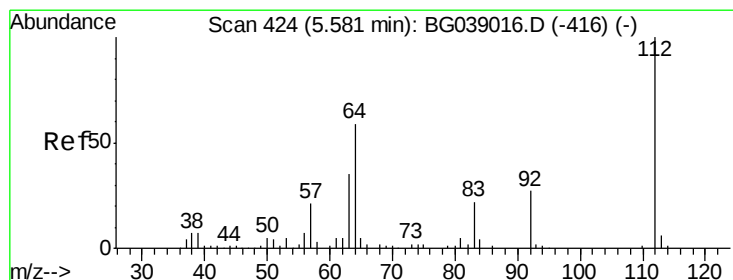
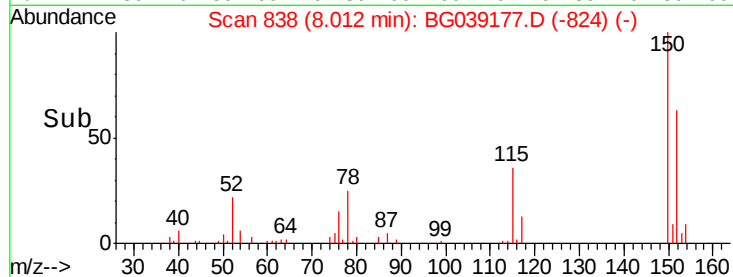
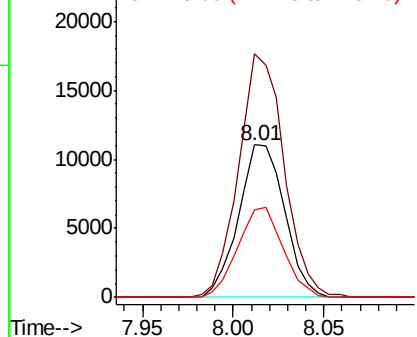
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-A

Tgt Ion:152 Resp: 19489
Ion Ratio Lower Upper
152 100
150 159.7 124.7 187.1
115 57.7 46.5 69.7



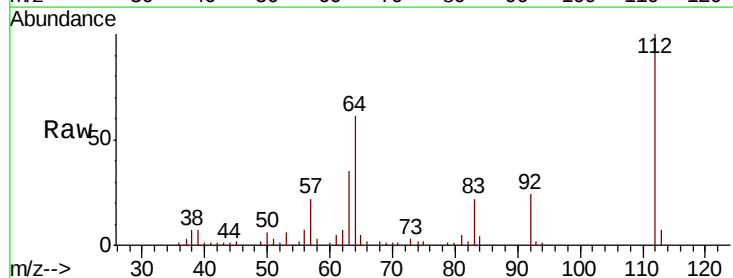
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



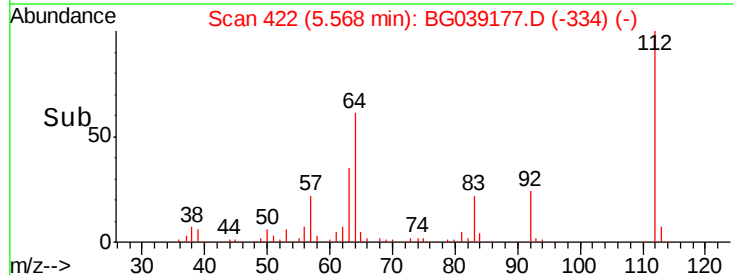
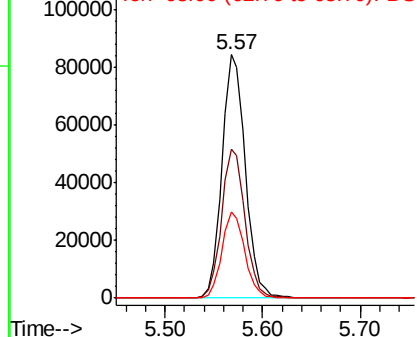
#5

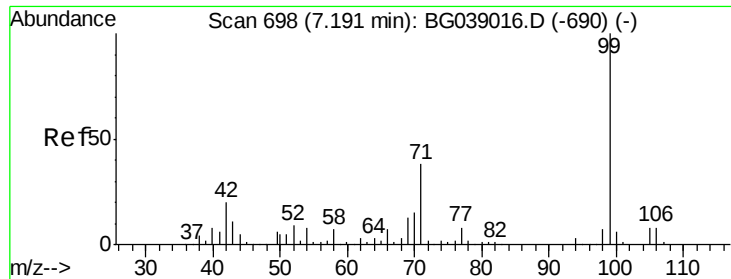
2-Fluorophenol
Concen: 136.101 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.01 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Tgt Ion:112 Resp: 139826
Ion Ratio Lower Upper
112 100
64 60.9 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 127.067 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG039177.D

Acq: 17 Jan 2019 4:11

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-A

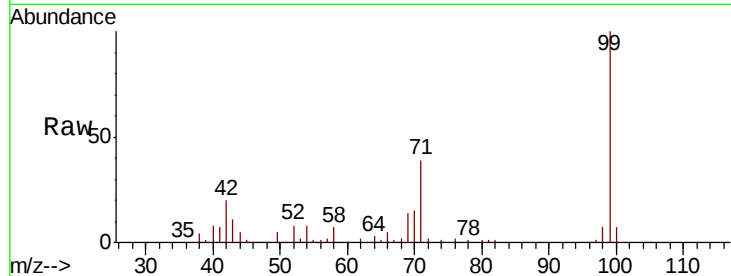
Tgt Ion: 99 Resp: 187871

Ion Ratio Lower Upper

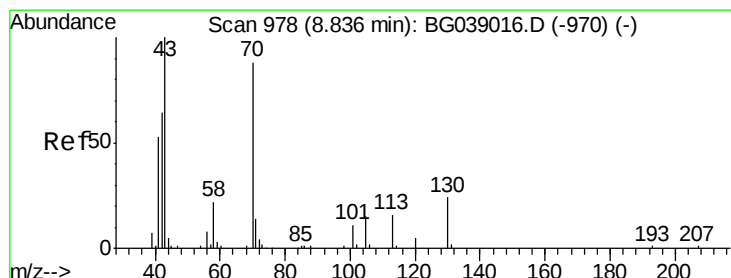
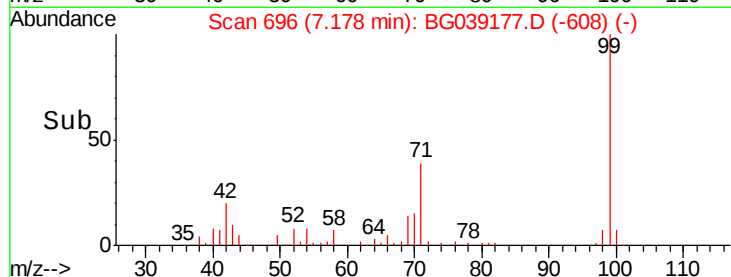
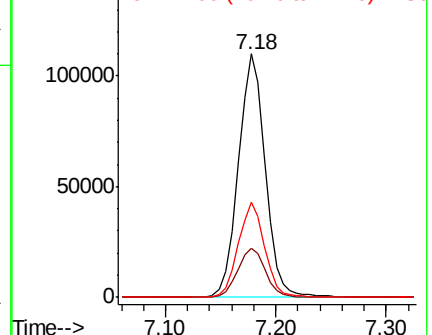
99 100

42 20.2 15.8 23.6

71 39.1 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: 20.622 ng

RT: 9.19 min Scan# 1039

Delta R.T. 0.36 min

Lab File: BG039177.D

Acq: 17 Jan 2019 4:11

Tgt Ion: 70 Resp: 20022

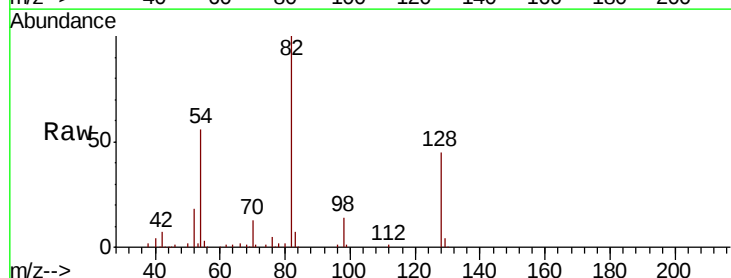
Ion Ratio Lower Upper

70 100

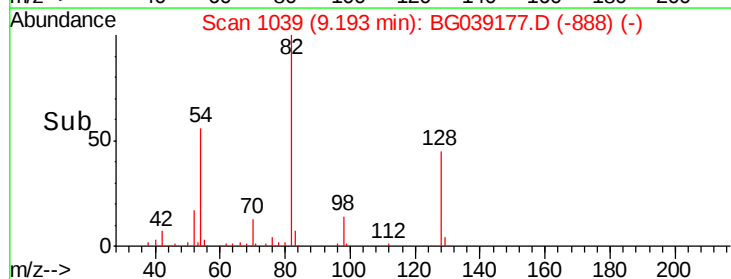
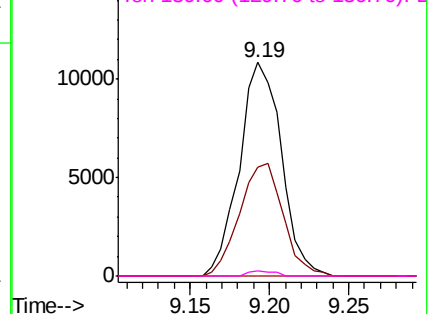
42 50.9 59.0 88.4#

101 0.0 10.4 15.6#

130 2.2 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

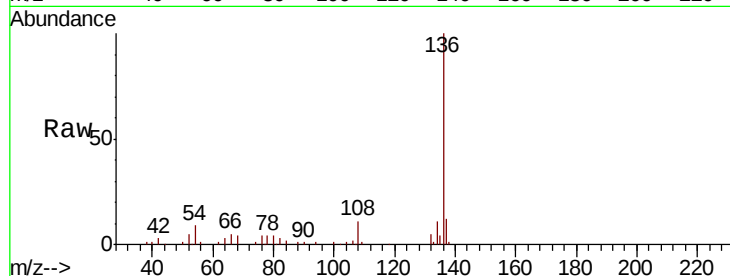




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-A

Tgt Ion:	136	Resp:	78227
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	9.2	7.2	10.8
68	4.1	3.5	5.3



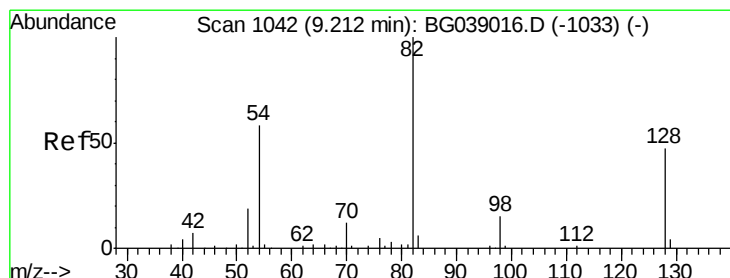
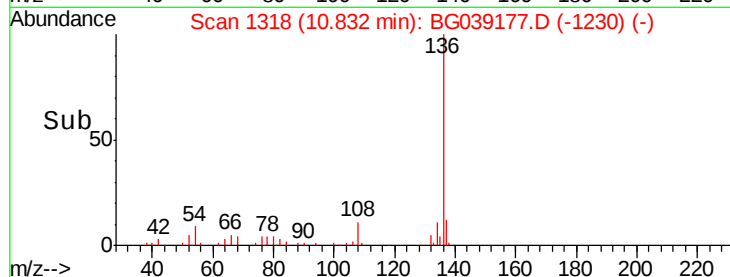
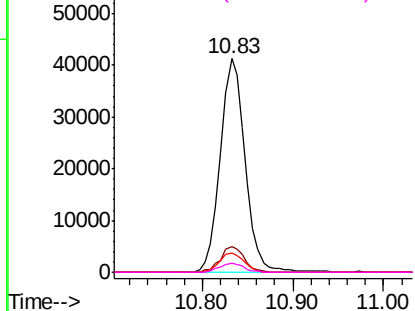
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

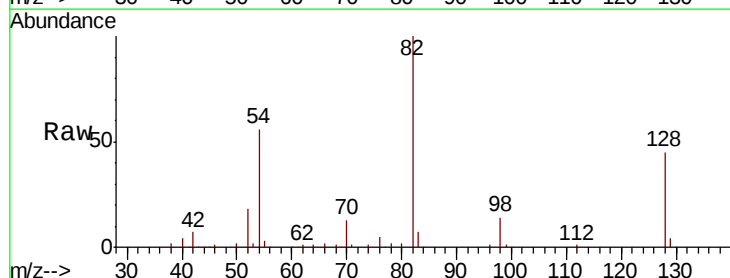
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 108.865 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Tgt Ion:	82	Resp:	155634
Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.3	55.9
54	55.7	46.4	69.6

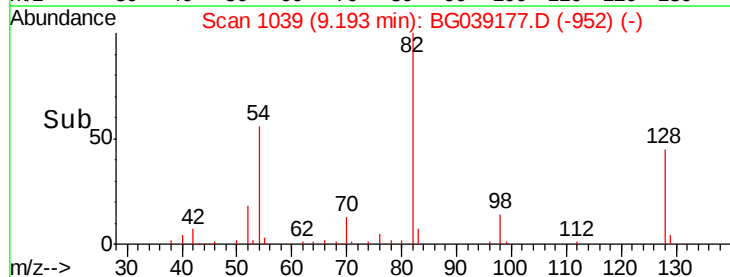
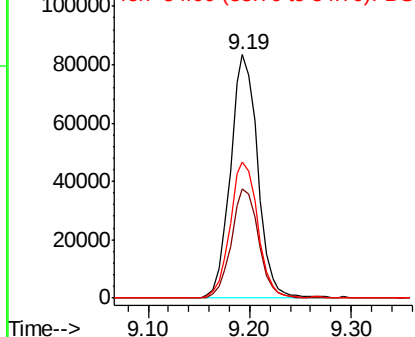


Abundance

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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039177.D

Acq: 17 Jan 2019 4:11

Instrument :

BNA_G

ClientSampleId :

OK-01-011519-A

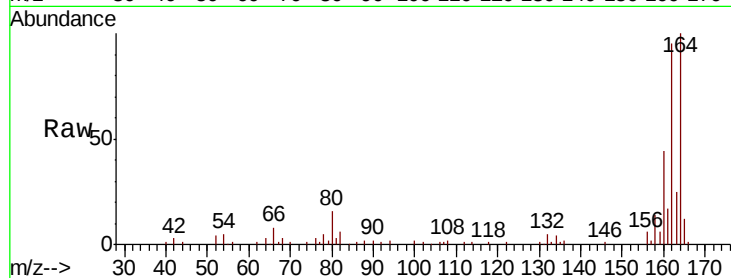
Tgt Ion:164 Resp: 64109

Ion Ratio Lower Upper

164 100

162 95.4 87.2 130.8

160 44.2 33.3 49.9

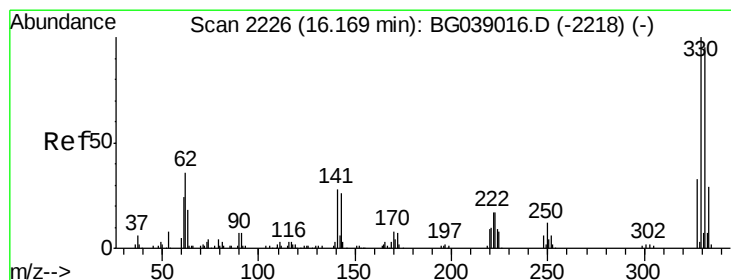
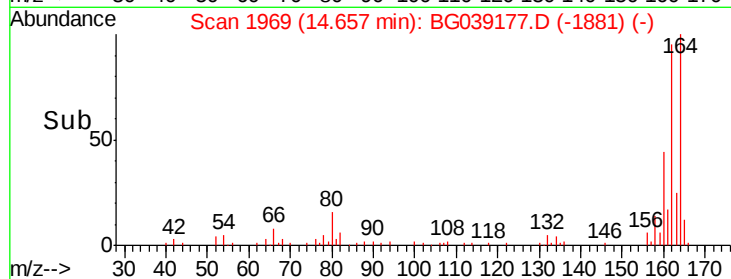
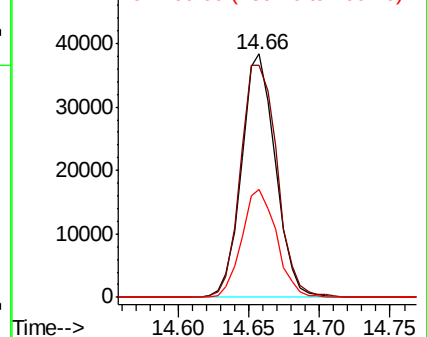


Abundance

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: 127.014 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039177.D

Acq: 17 Jan 2019 4:11

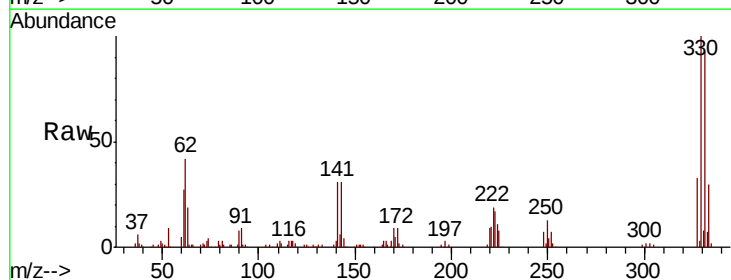
Tgt Ion:330 Resp: 136495

Ion Ratio Lower Upper

330 100

332 96.0 75.7 113.5

141 30.6 24.9 37.3

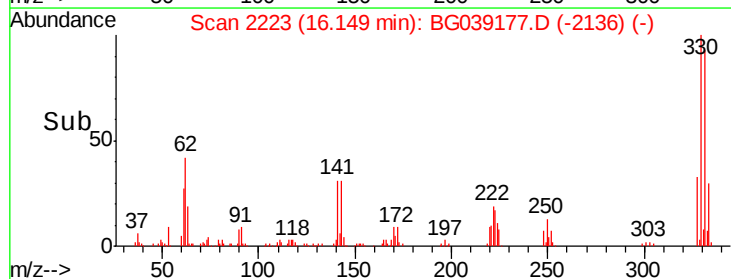
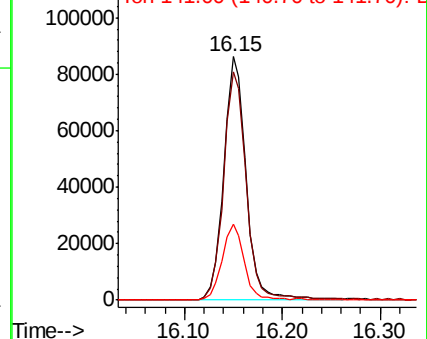


Abundance

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

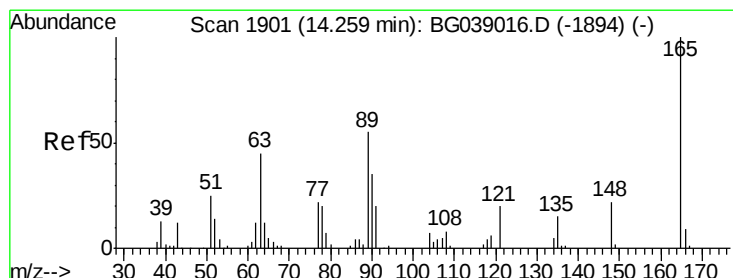
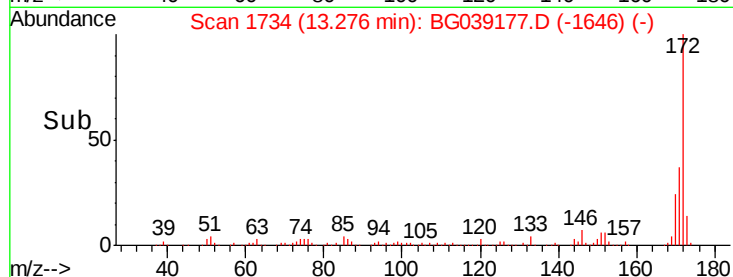
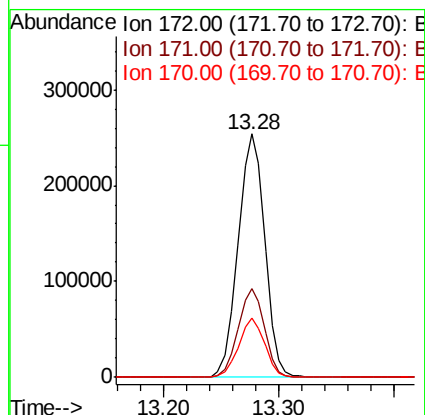
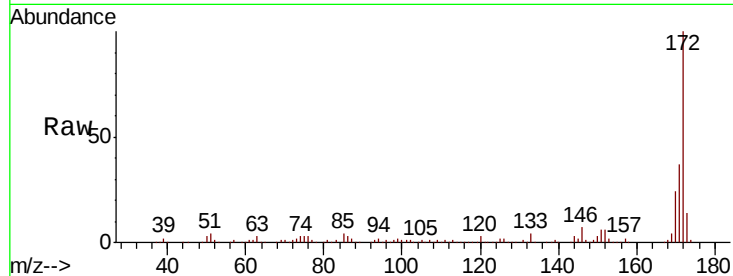




#45
 2-Fluorobiphenyl
 Concen: 86.375 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039177.D
 Acq: 17 Jan 2019 4:11

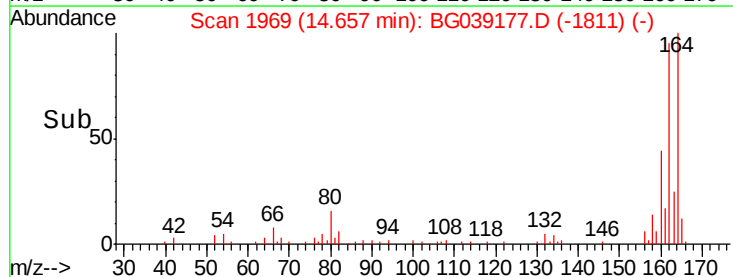
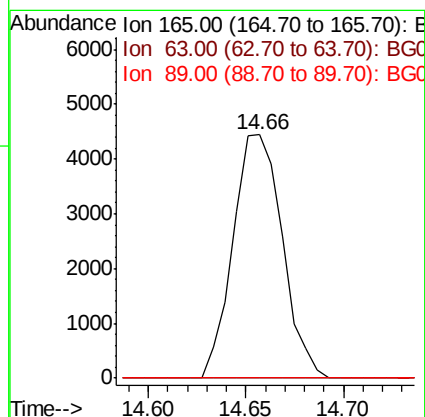
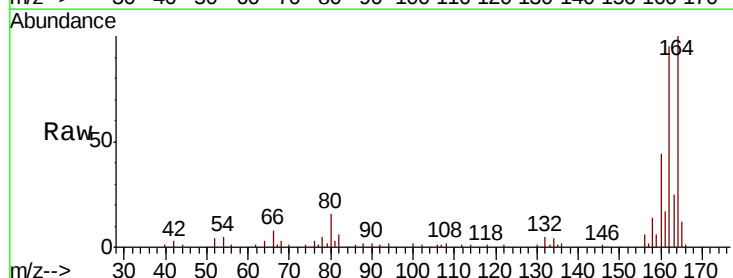
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-011519-A

Tgt Ion:172 Resp: 404614
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.4 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 6.421 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.40 min
 Lab File: BG039177.D
 Acq: 17 Jan 2019 4:11

Tgt Ion:165 Resp: 7777
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.6 65.4#
 89 0.0 43.7 65.5#

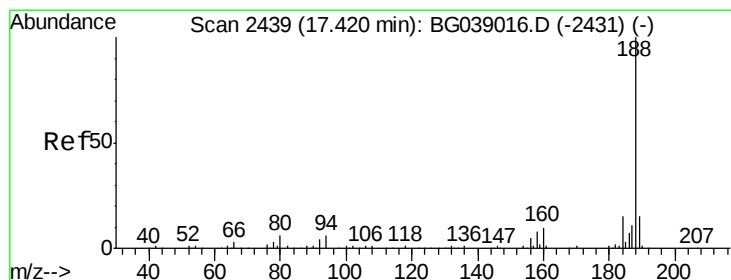
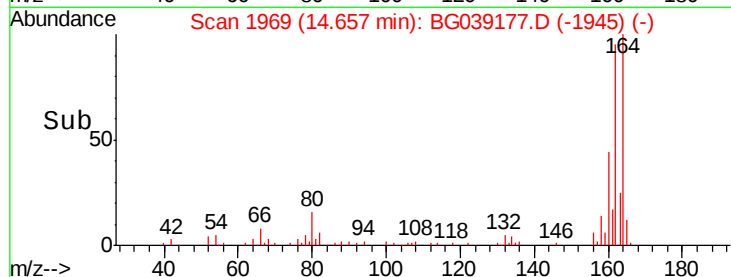
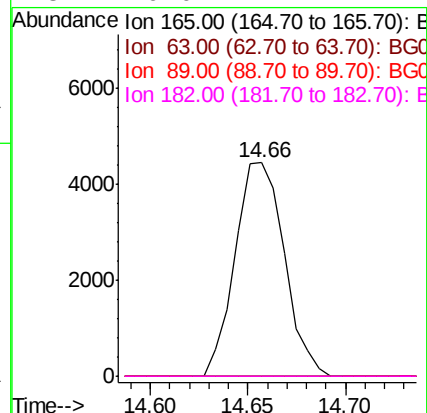
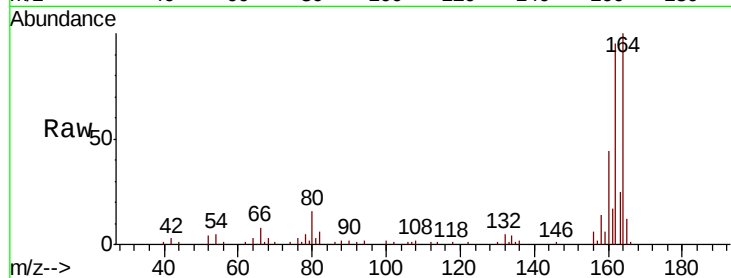




#57
 2,4-Dinitrotoluene
 Concen: 4.475 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.39 min
 Lab File: BG039177.D
 Acq: 17 Jan 2019 4:11

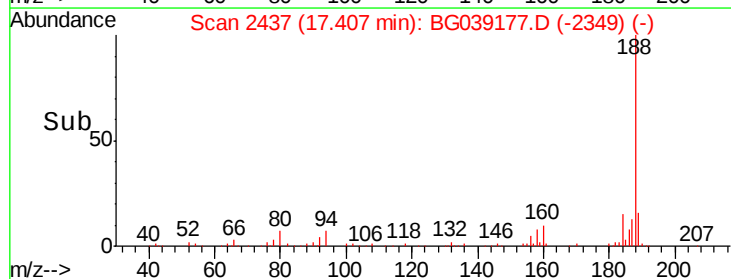
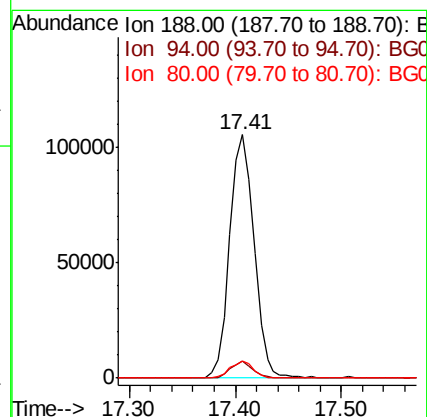
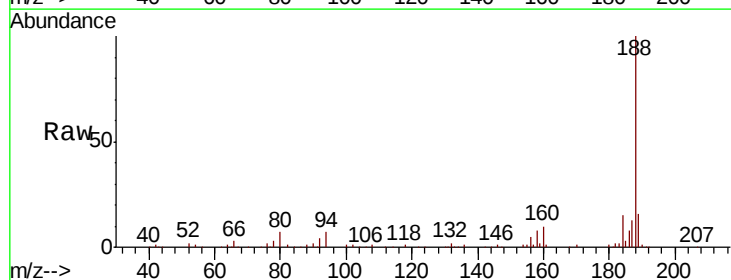
Instrument :
 BNA_G
 ClientSampleId :
 OK-0111519-A

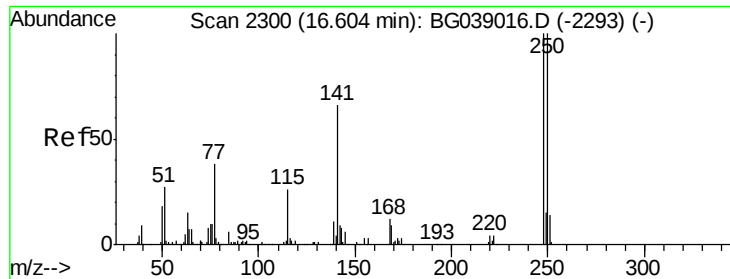
Tgt Ion:	165	Resp:	7777
Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.2	45.4#
89	0.0	53.2	79.8#
182	0.0	2.7	4.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG039177.D
 Acq: 17 Jan 2019 4:11

Tgt Ion:	188	Resp:	169057
Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.0	7.4
80	7.0	4.7	7.1

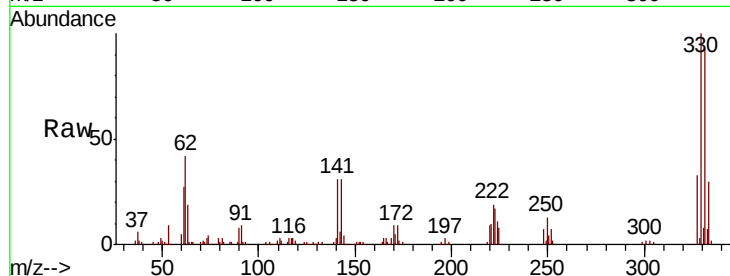




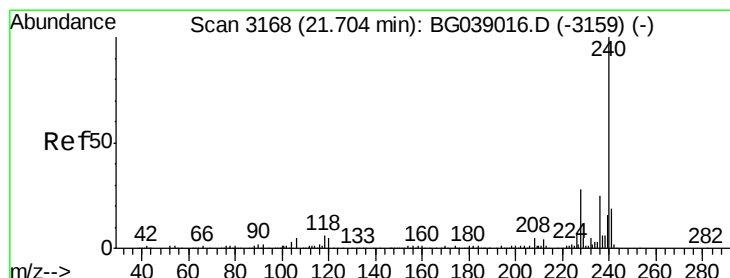
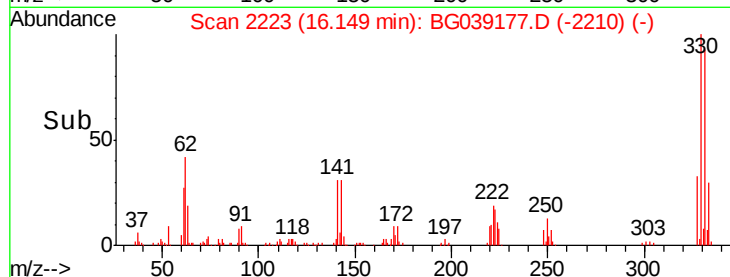
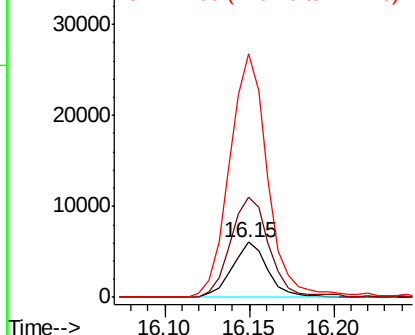
#67
4-Bromophenyl-phenylether
Concen: 4.077 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-A

Tgt Ion:248 Resp: 8859
Ion Ratio Lower Upper
248 100
250 242.6 79.9 119.9#
141 440.4 52.7 79.1#

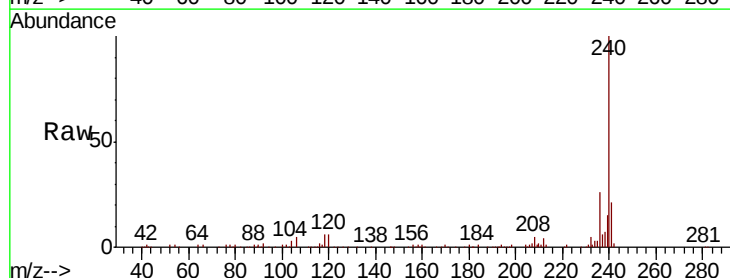


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

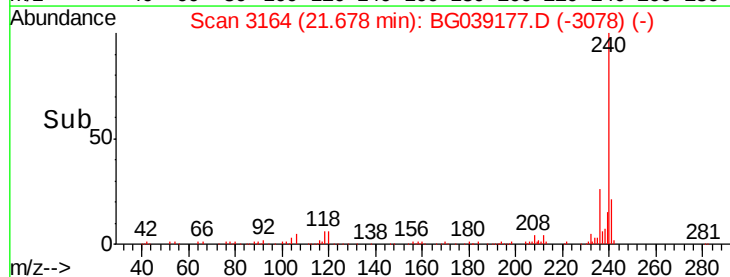
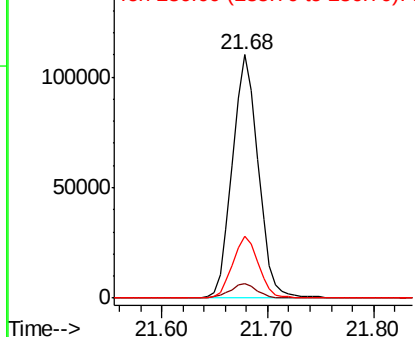


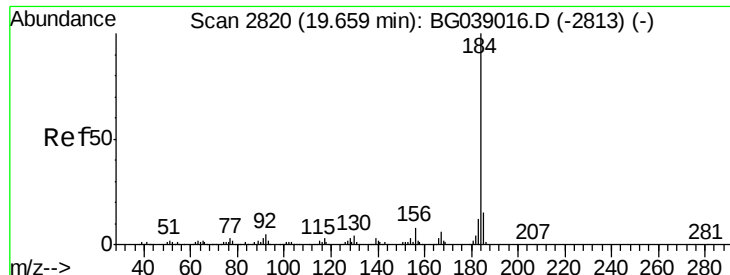
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Tgt Ion:240 Resp: 186015
Ion Ratio Lower Upper
240 100
120 6.0 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

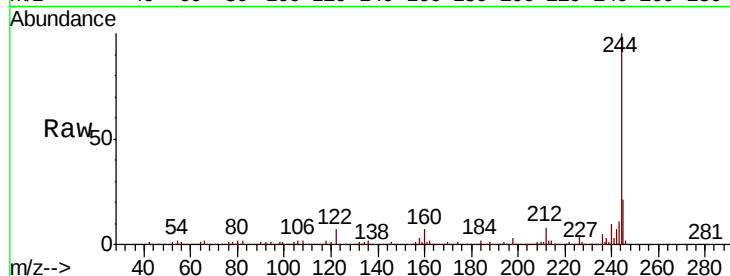




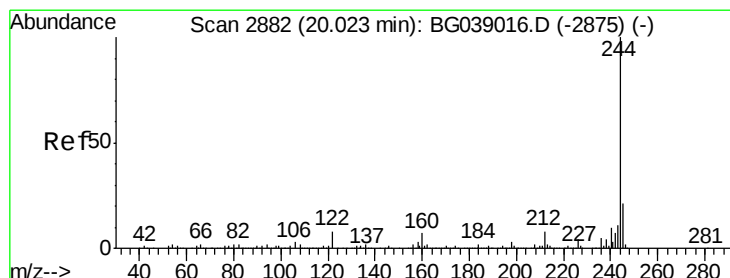
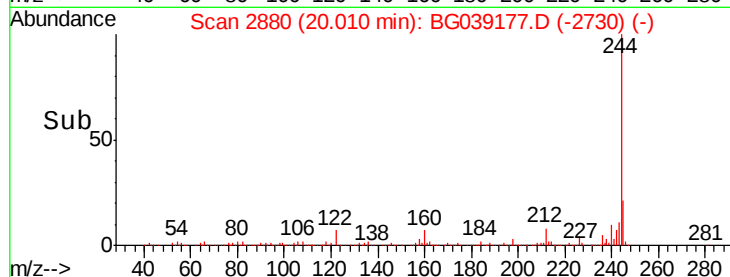
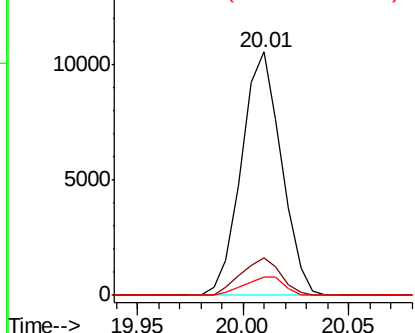
#77
Benzidine
Concen: 2.421 ng
RT: 20.01 min Scan# 2880
Delta R.T. 0.35 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-A

Tgt Ion:184 Resp: 13773
Ion Ratio Lower Upper
184 100
185 15.6 12.1 18.1
183 7.5 9.5 14.3#

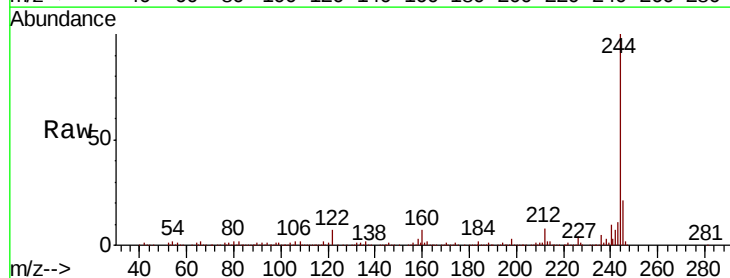


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

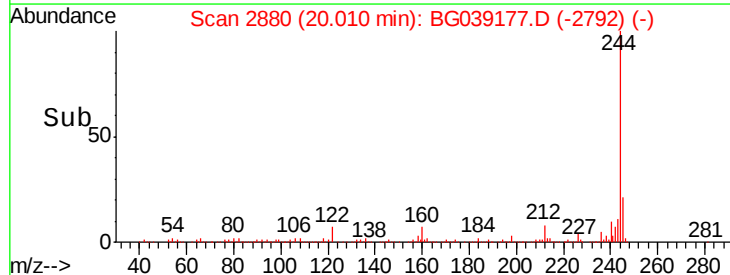
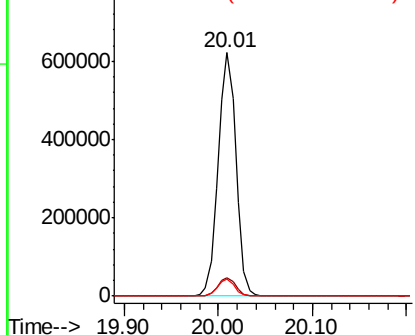


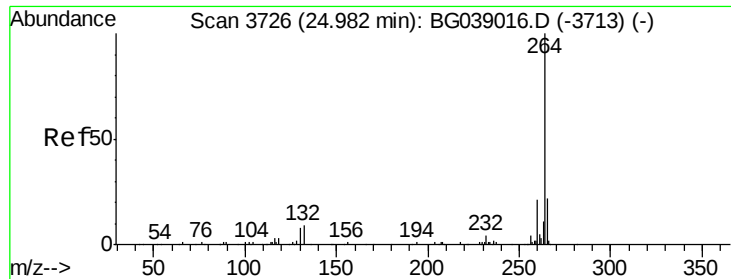
#79
Terphenyl-d14
Concen: 82.395 ng
RT: 20.01 min Scan# 2880
Delta R.T. -0.01 min
Lab File: BG039177.D
Acq: 17 Jan 2019 4:11

Tgt Ion:244 Resp: 828521
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 6.8 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: BG039177.D
Acq: 17 Jan 2019 4:11

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-A

Tgt Ion: 264 Resp: 196077
Ion Ratio Lower Upper
264 100
260 22.2 17.0 25.6
265 21.0 17.2 25.8

