

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012119\
 Data File : BG039235.D
 Acq On : 21 Jan 2019 16:01
 Operator : JU/SJ
 Sample : K1205-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-6

Quant Time: Jan 21 16:48:41 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	16729	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	68991	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	53096	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	135513	20.00	ng	0.00
76) Chrysene-d12	21.67	240	142371	20.00	ng	-0.01
87) Perylene-d12	24.93	264	147477	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	105269	119.37	ng	0.00
7) Phenol-d6	7.17	99	139917	110.25	ng	0.00
23) Nitrobenzene-d5	9.19	82	86885	68.91	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	94404	106.07	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	258390	66.60	ng	0.00
79) Terphenyl-d14	20.00	244	477079	61.99	ng	0.00

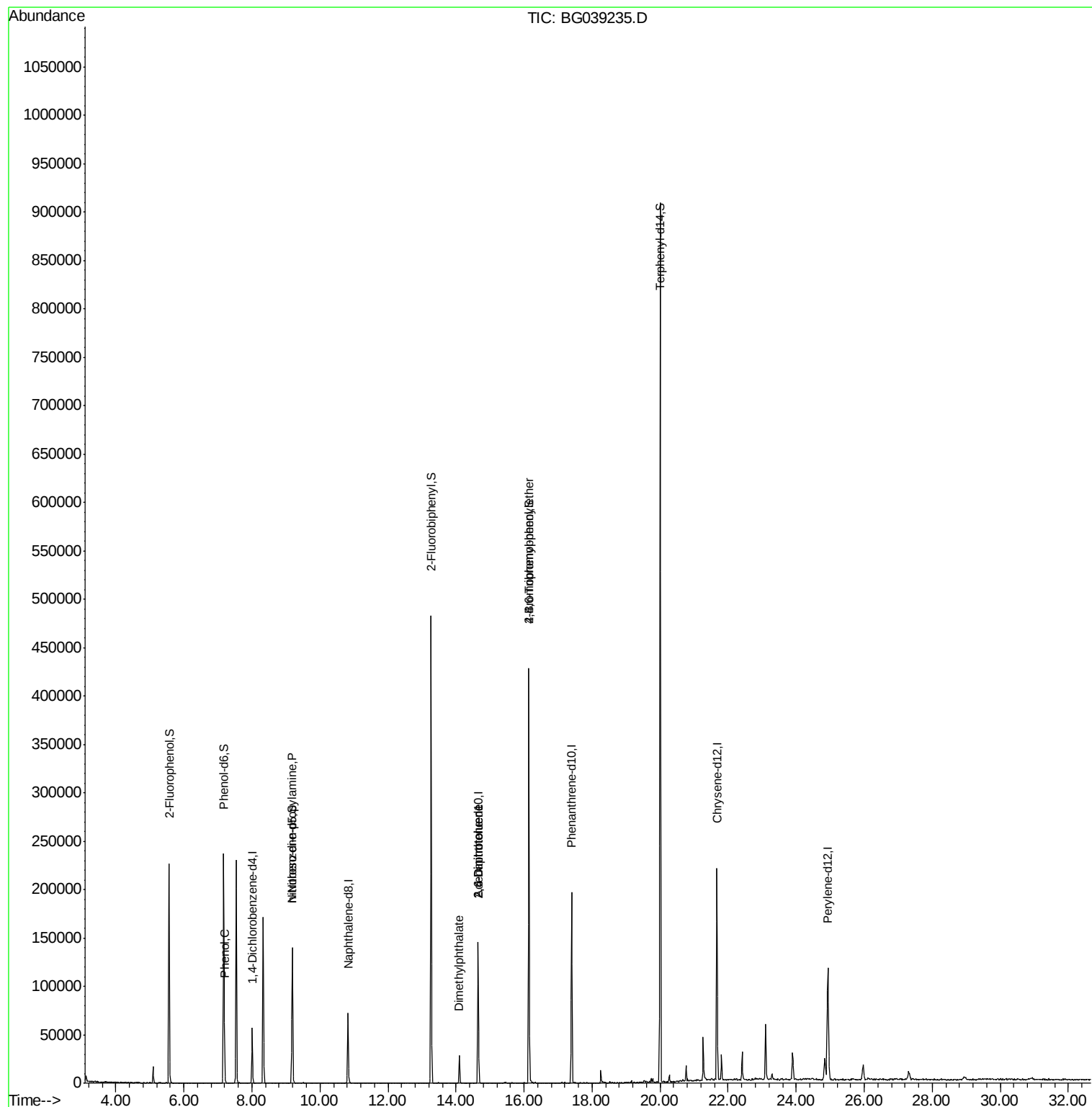
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.20	94	11353	8.922	ng	98
19) n-Nitroso-di-n-propylamine	9.19	70	12208	14.648	ng	# 67
50) Dimethylphthalate	14.09	163	21167	4.718	ng	# 94
51) 2,6-Dinitrotoluene	14.65	165	7160	7.138	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	7160	4.975	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	6116	3.511	ng	# 1

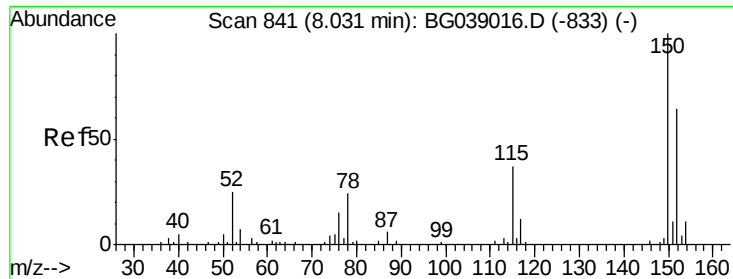
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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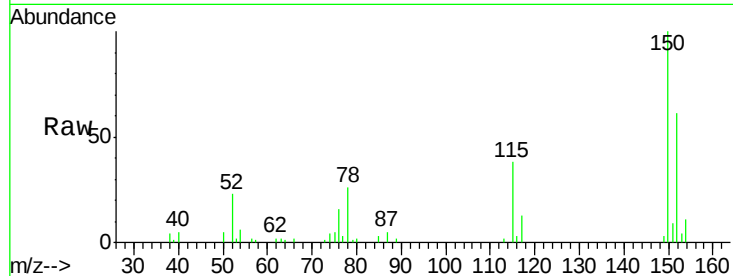




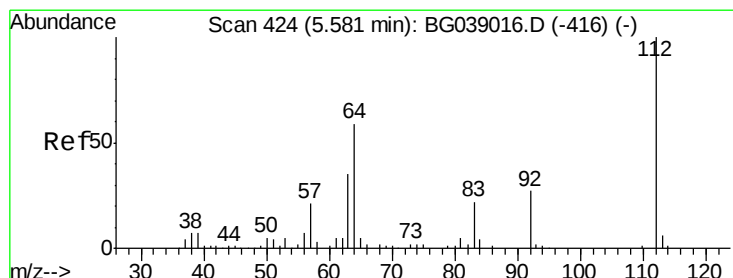
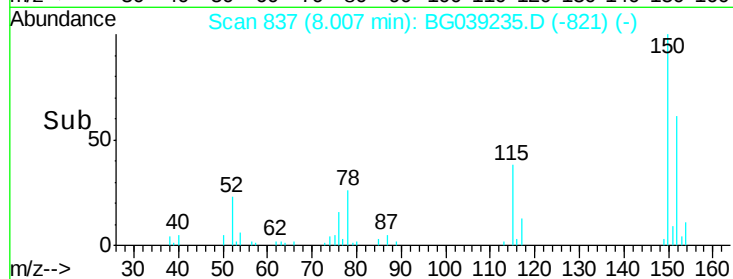
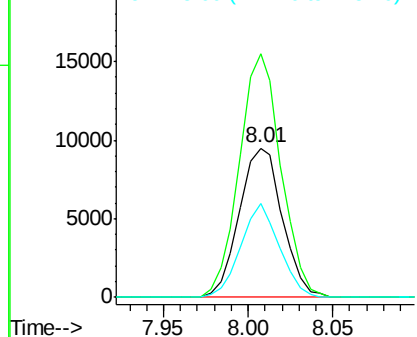
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG039235.D
 Acq: 21 Jan 2019 16:01

Instrument :
 BNA_G
 ClientSampleId :
 C-6

Tgt Ion:152 Resp: 16729
 Ion Ratio Lower Upper
 152 100
 150 163.2 124.7 187.1
 115 62.5 46.5 69.7

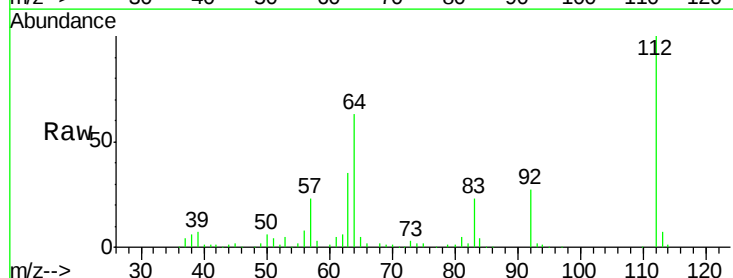


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

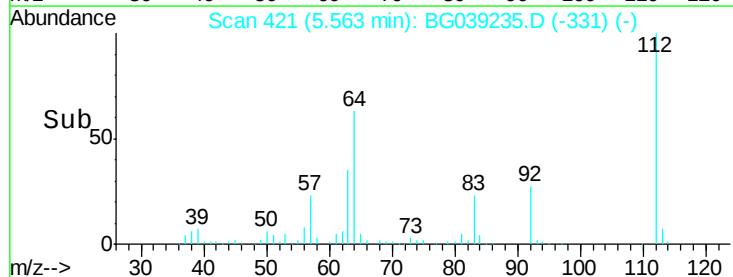
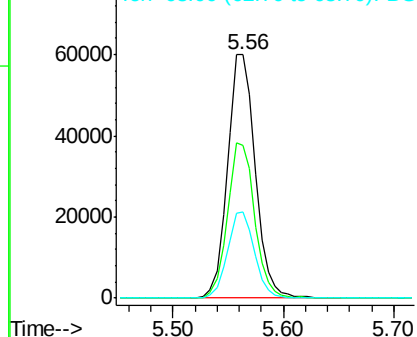


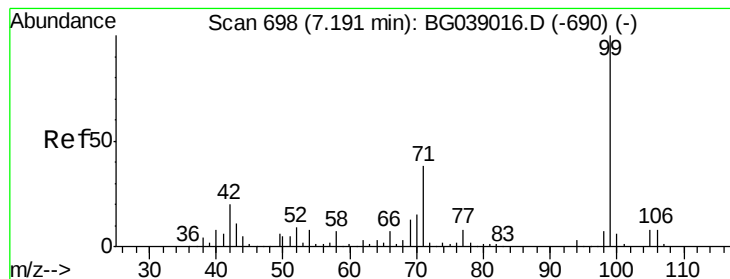
#5
 2-Fluorophenol
 Concen: 119.370 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG039235.D
 Acq: 21 Jan 2019 16:01

Tgt Ion:112 Resp: 105269
 Ion Ratio Lower Upper
 112 100
 64 62.6 47.0 70.6
 63 35.2 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: 110.246 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

Instrument :

BNA_G

ClientSampleId :

C-6

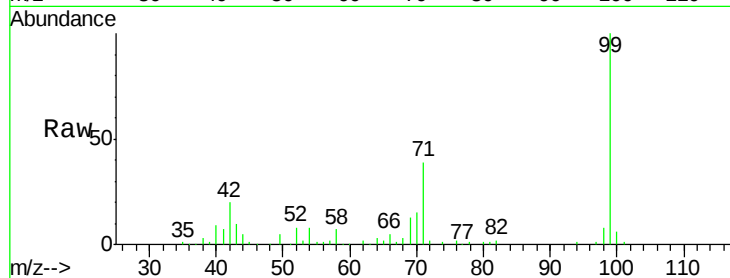
Tgt Ion: 99 Resp: 139917

Ion Ratio Lower Upper

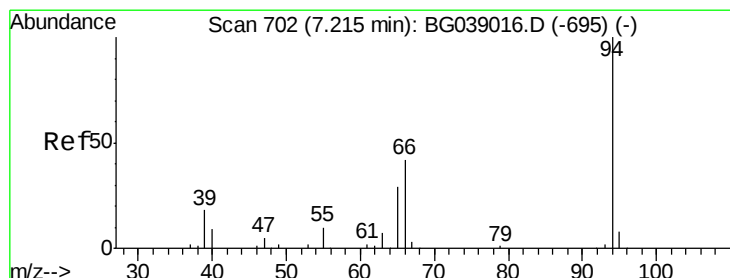
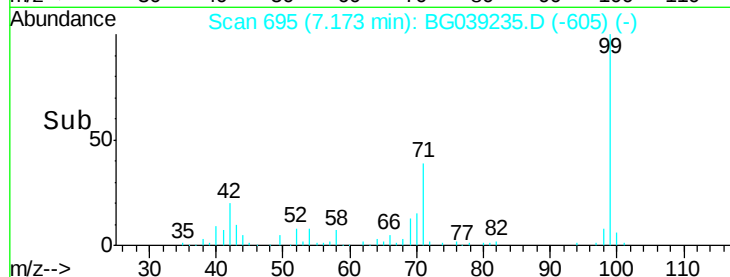
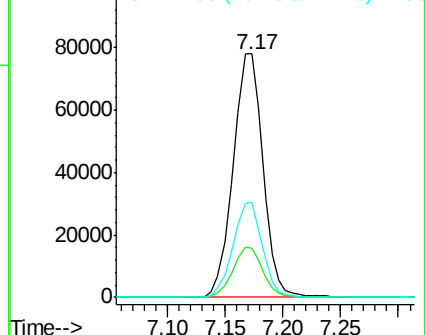
99 100

42 20.4 15.8 23.6

71 39.0 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



#10

Phenol

Concen: 8.922 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

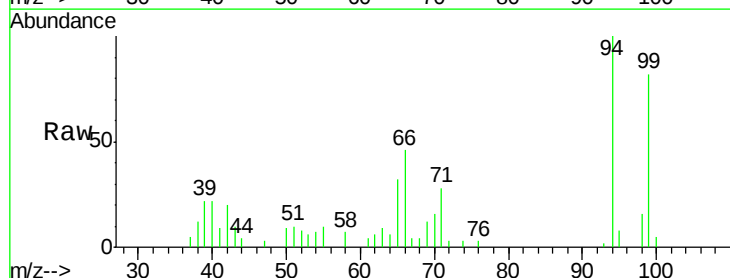
Tgt Ion: 94 Resp: 11353

Ion Ratio Lower Upper

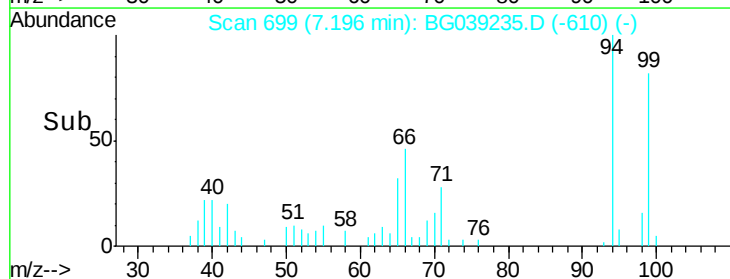
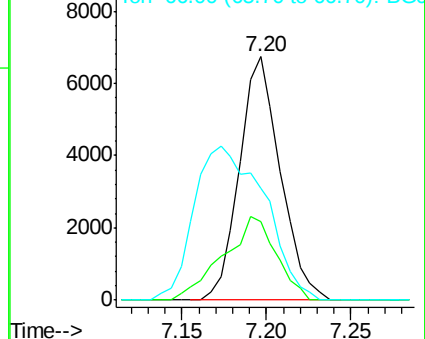
94 100

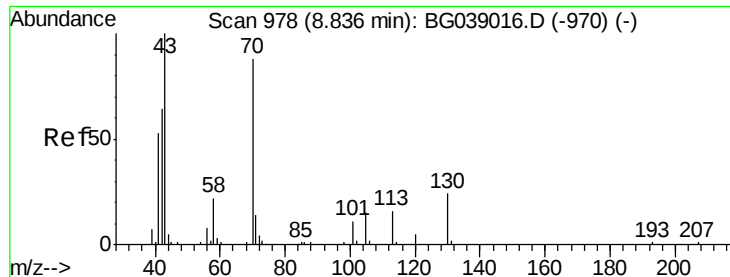
65 32.5 10.3 50.3

66 45.8 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

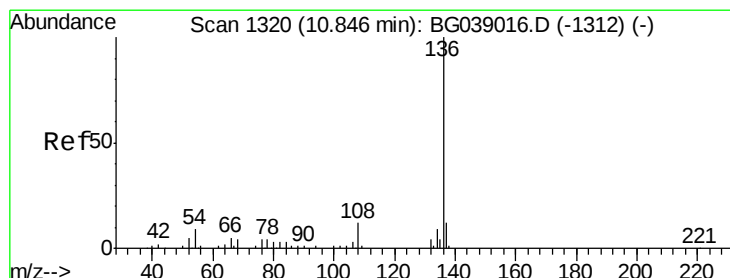
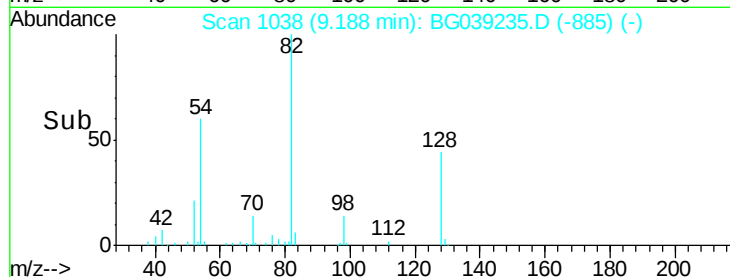
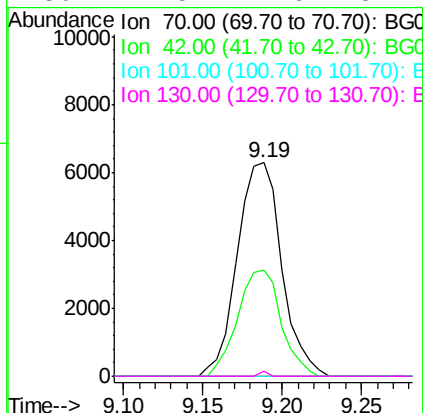
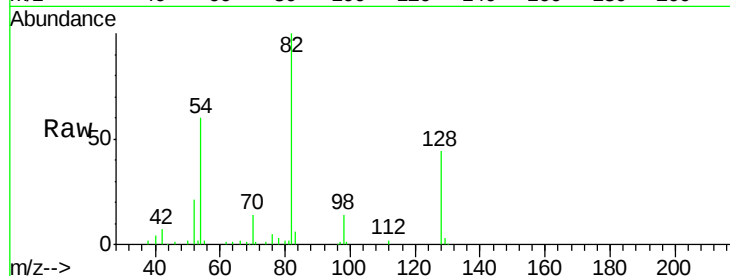




#19
n-Nitroso-di-n-propylamine
Concen: 14.648 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.37 min
Lab File: BG039235.D
Acq: 21 Jan 2019 16:01

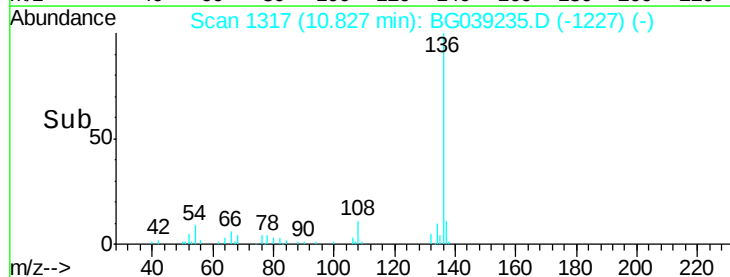
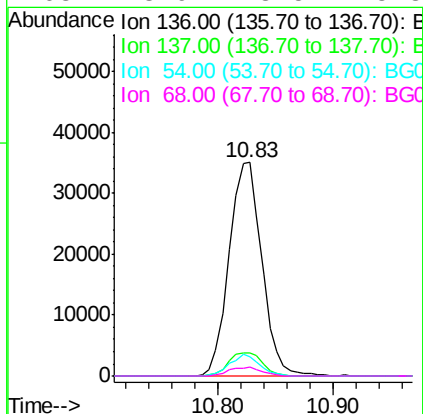
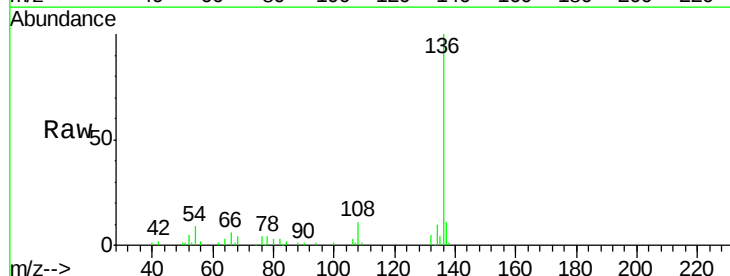
Instrument :
BNA_G
ClientSampled :
C-6

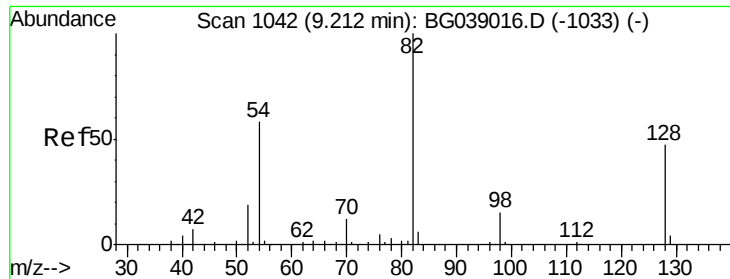
Tgt Ion: 70 Resp: 12208
Ion Ratio Lower Upper
70 100
42 49.7 59.0 88.4#
101 0.0 10.4 15.6#
130 2.5 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039235.D
Acq: 21 Jan 2019 16:01

Tgt Ion: 136 Resp: 68991
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.2
54 8.8 7.2 10.8
68 3.9 3.5 5.3

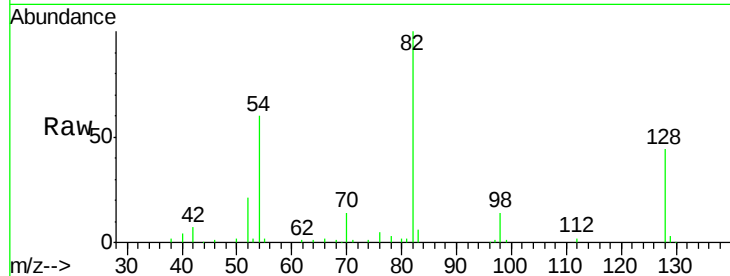




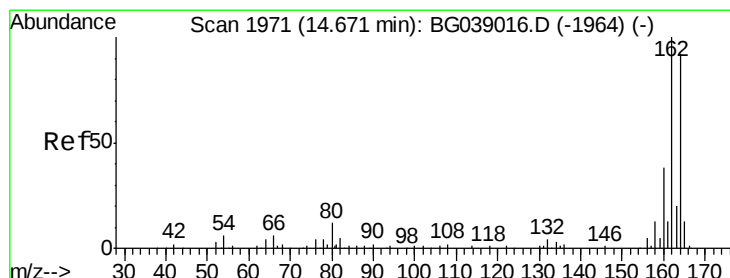
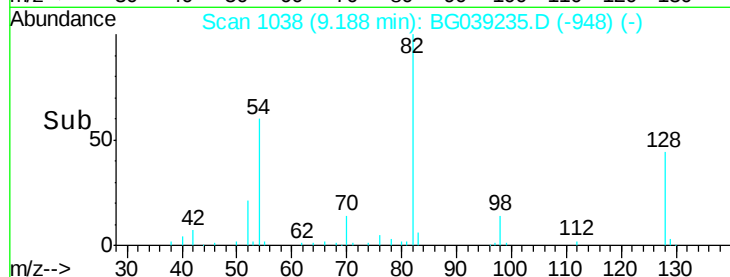
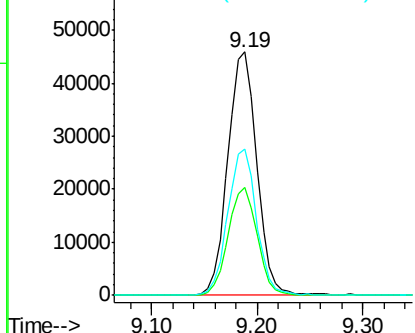
#23
 Nitrobenzene-d5
 Concen: 68.912 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039235.D
 Acq: 21 Jan 2019 16:01

Instrument :
 BNA_G
 ClientSampled :
 C-6

Tgt Ion: 82 Resp: 86885
 Ion Ratio Lower Upper
 82 100
 128 44.2 37.3 55.9
 54 60.1 46.4 69.6

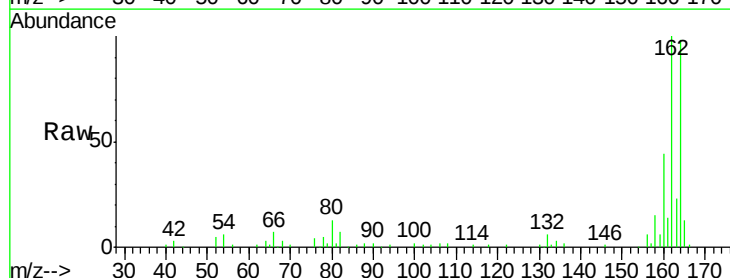


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

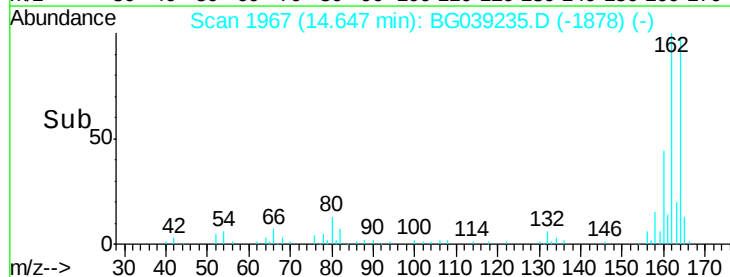
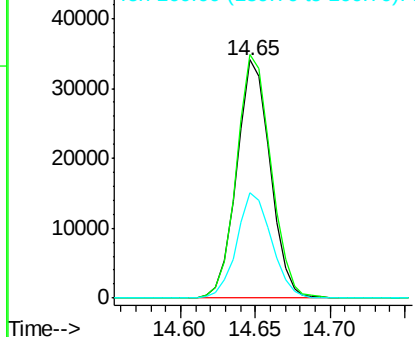


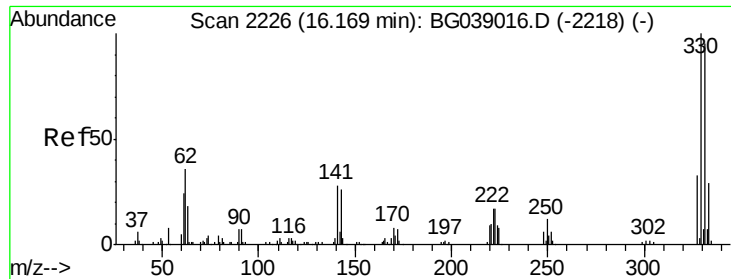
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG039235.D
 Acq: 21 Jan 2019 16:01

Tgt Ion: 164 Resp: 53096
 Ion Ratio Lower Upper
 164 100
 162 102.3 87.2 130.8
 160 44.5 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 106.068 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

Instrument :

BNA_G

ClientSampleId :

C-6

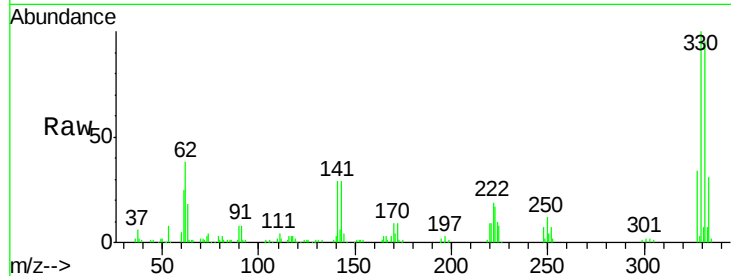
Tgt Ion:330 Resp: 94404

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

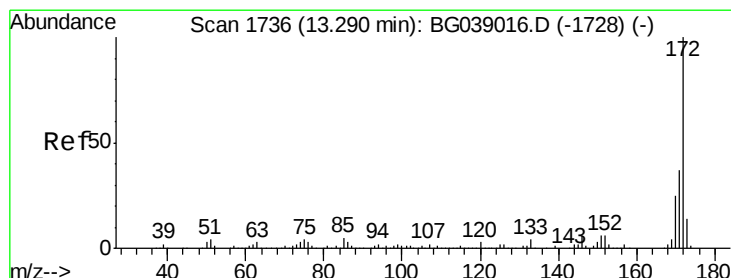
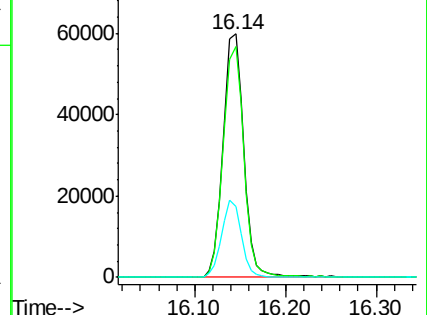
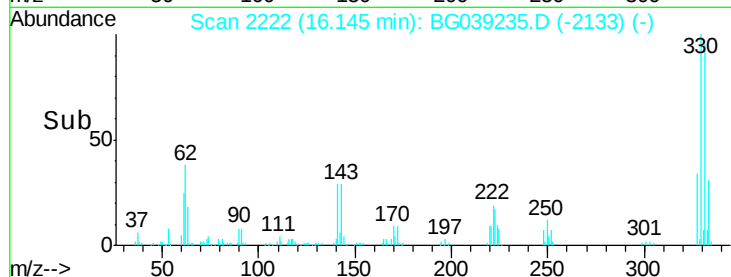
141 30.2 24.9 37.3



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: 66.601 ng

RT: 13.27 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

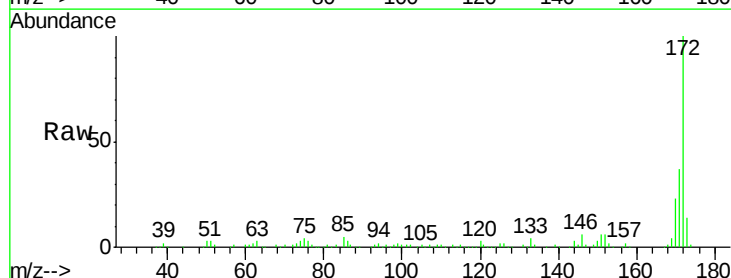
Tgt Ion:172 Resp: 258390

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

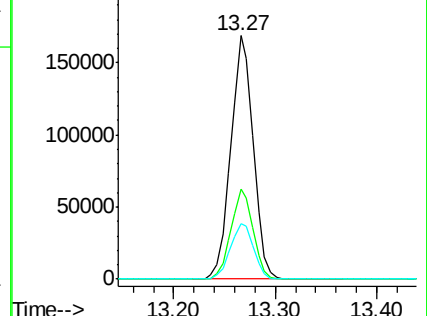
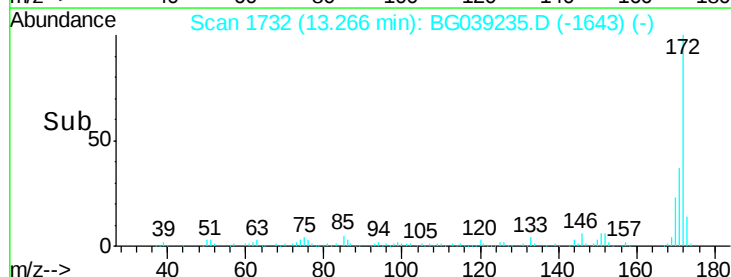
170 22.5 20.1 30.1

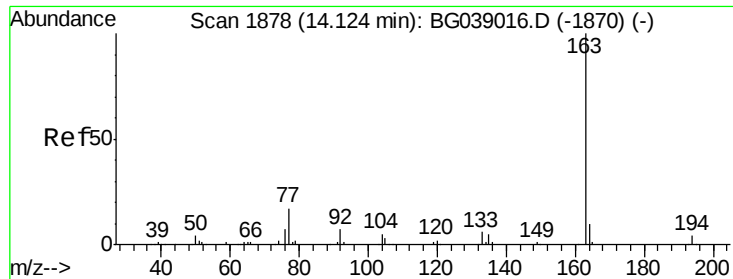


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.718 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

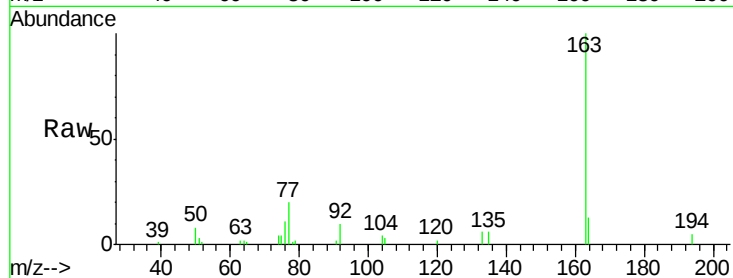
Instrument :

BNA_G

ClientSampleId :

C-6

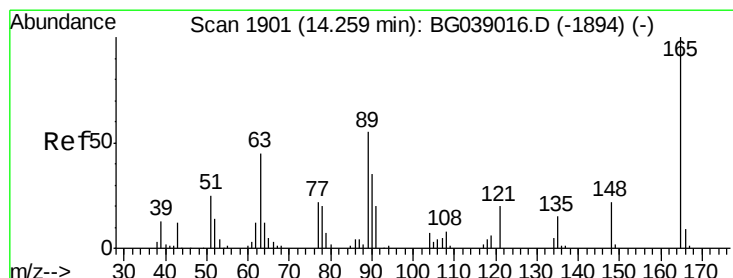
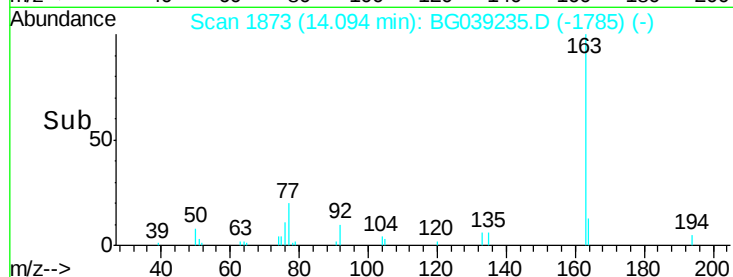
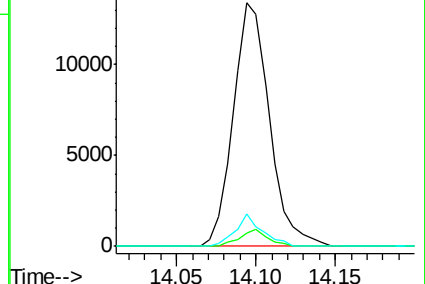
Tgt Ion:	163	Resp:	21167
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.6	5.4
164	13.2	8.2	12.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.138 ng

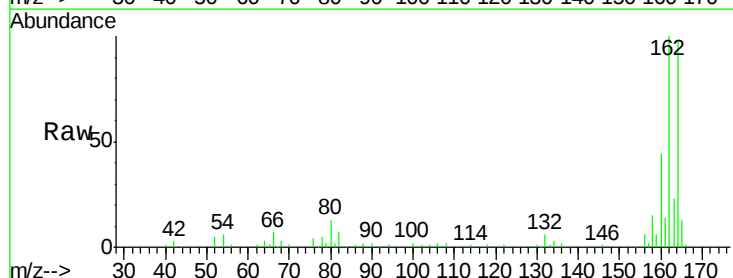
RT: 14.65 min Scan# 1967

Delta R.T. 0.40 min

Lab File: BG039235.D

Acq: 21 Jan 2019 16:01

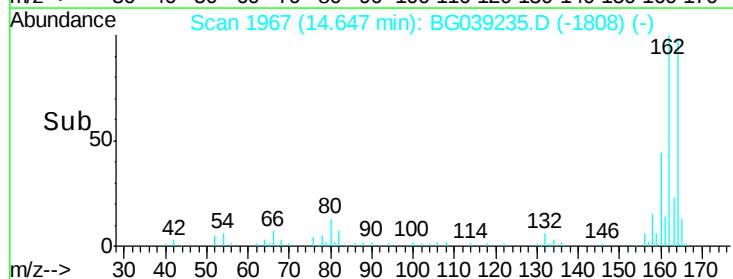
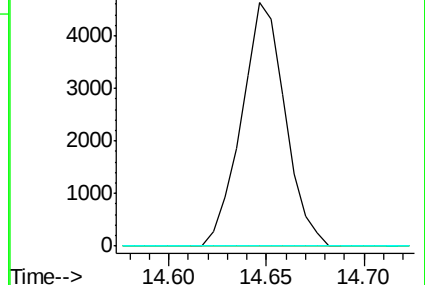
Tgt Ion:	165	Resp:	7160
Ion Ratio	Lower	Upper	
165	100		
63	0.0	43.6	65.4#
89	0.0	43.7	65.5#

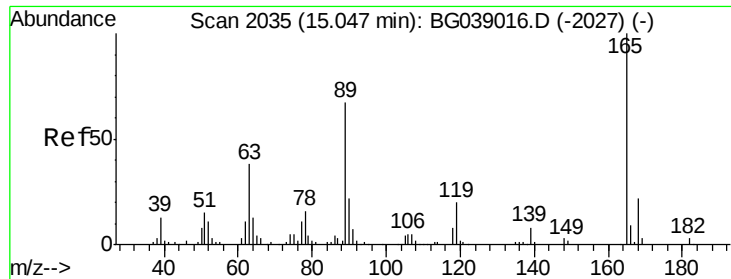


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

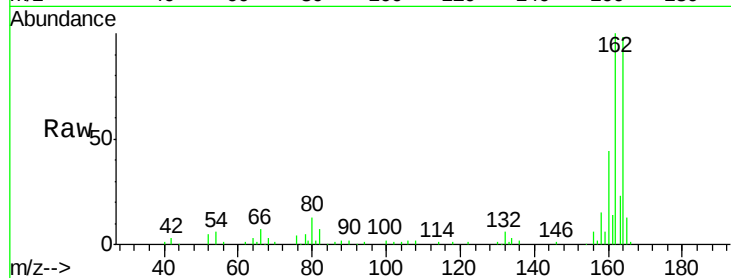




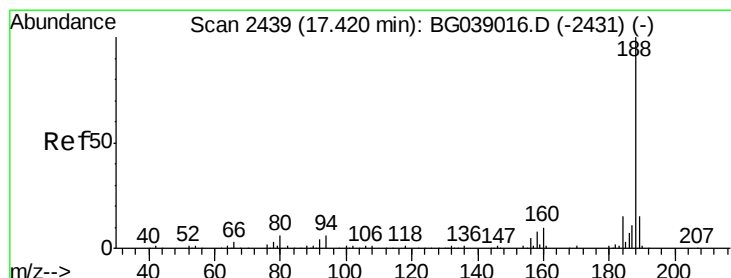
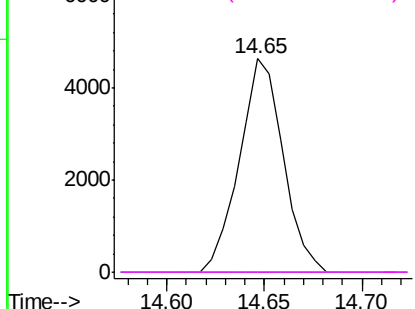
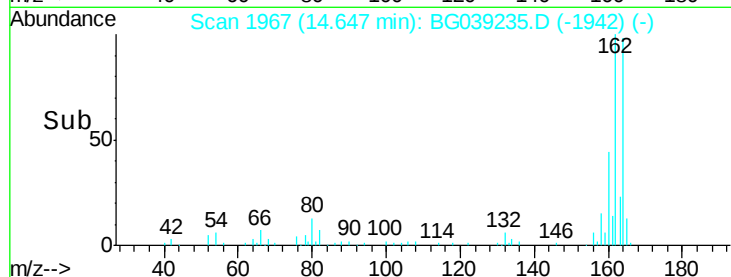
#57
2,4-Dinitrotoluene
Concen: 4.975 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.38 min
Lab File: BG039235.D
Acq: 21 Jan 2019 16:01

Instrument :
BNA_G
ClientSampleId :
C-6

Tgt Ion:165 Resp: 7160
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#

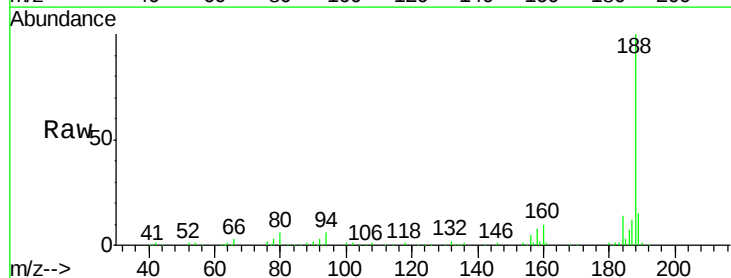


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

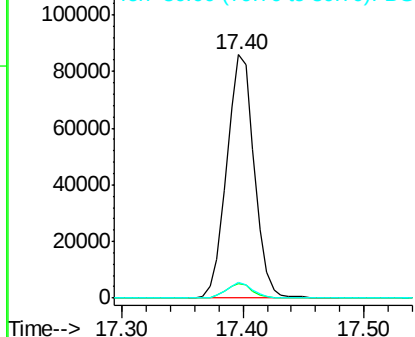
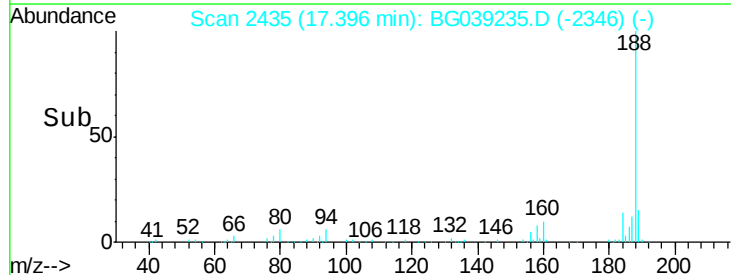


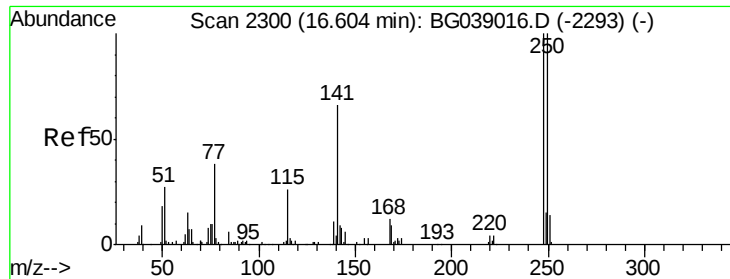
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG039235.D
Acq: 21 Jan 2019 16:01

Tgt Ion:188 Resp: 135513
Ion Ratio Lower Upper
188 100
94 5.9 5.0 7.4
80 6.3 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

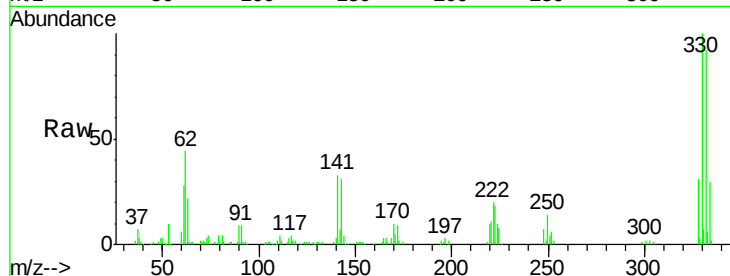




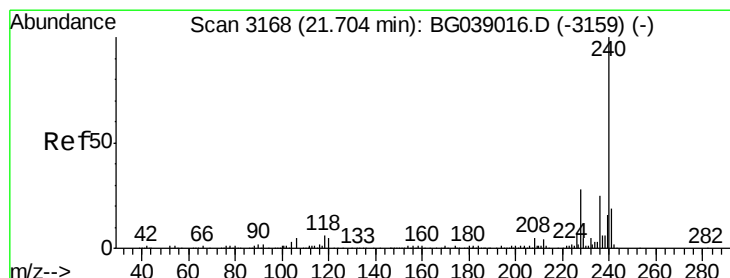
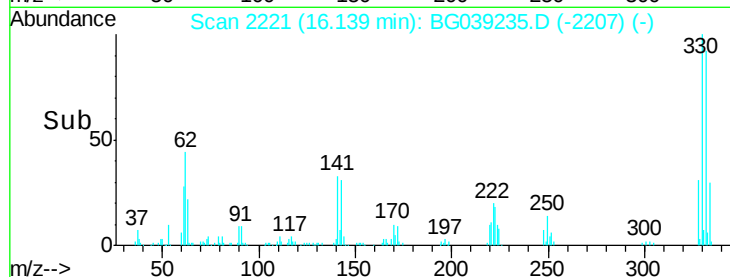
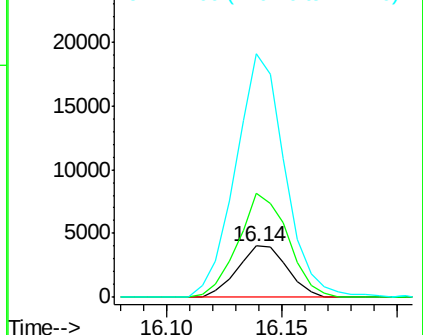
#67
 4-Bromophenyl-phenylether
 Concen: 3.511 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.45 min
 Lab File: BG039235.D
 Acq: 21 Jan 2019 16:01

Instrument :
 BNA_G
 ClientSampleId :
 C-6

Tgt Ion:248 Resp: 6116
 Ion Ratio Lower Upper
 248 100
 250 205.1 79.9 119.9#
 141 367.5 52.7 79.1#

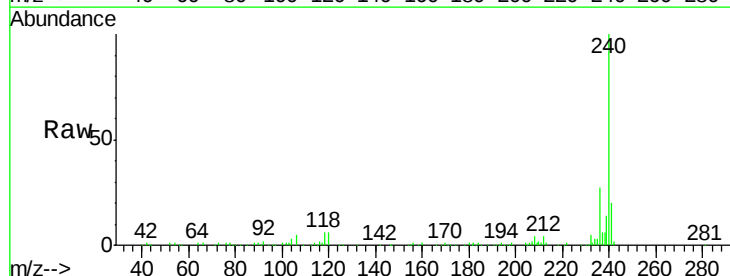


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

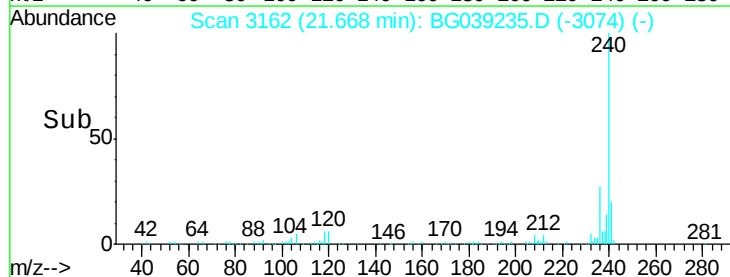
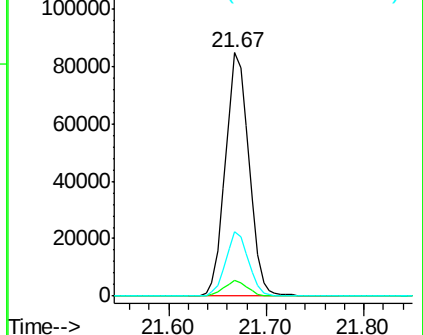


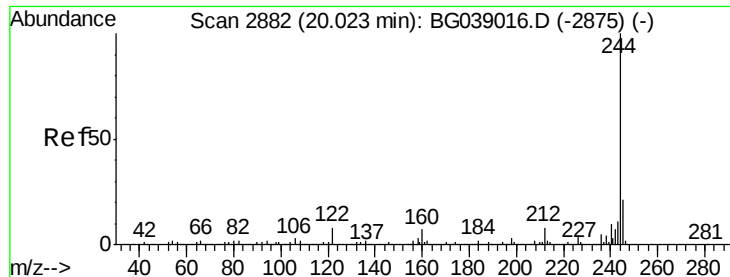
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG039235.D
 Acq: 21 Jan 2019 16:01

Tgt Ion:240 Resp: 142371
 Ion Ratio Lower Upper
 240 100
 120 6.2 4.3 6.5
 236 26.7 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

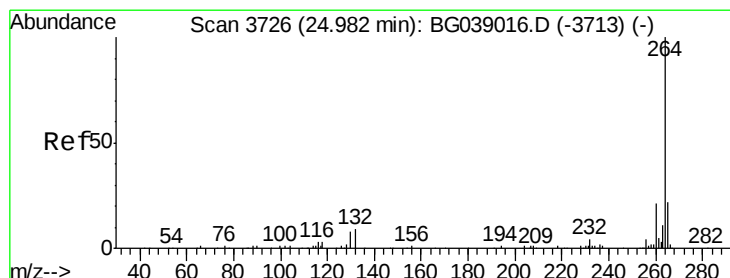
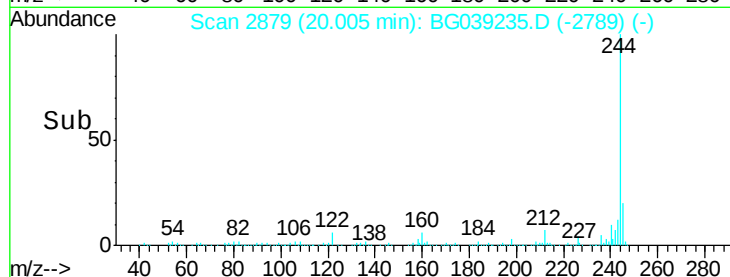
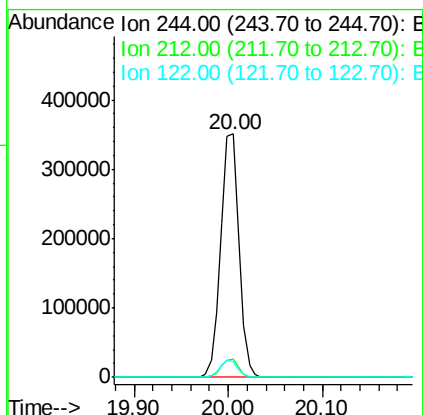
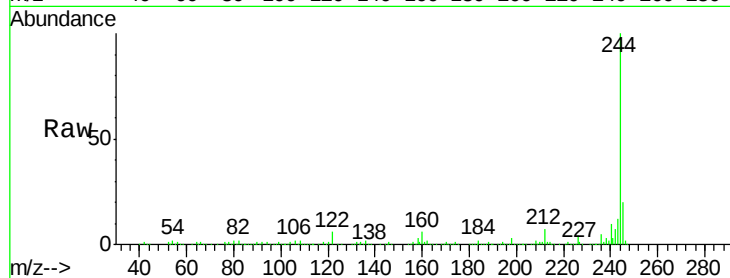




#79
 Terphenyl-d14
 Concen: 61.989 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG039235.D
 Acq: 21 Jan 2019 16:01

Instrument :
 BNA_G
 ClientSampleId :
 C-6

Tgt Ion:244 Resp: 477079
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.5 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: BG039235.D
 Acq: 21 Jan 2019 16:01

Tgt Ion:264 Resp: 147477
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.0 25.6
 265 21.3 17.2 25.8

