

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012119\
 Data File : BG039236.D
 Acq On : 21 Jan 2019 16:40
 Operator : JU/SJ
 Sample : K1205-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-3

Quant Time: Jan 21 17:17:17 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

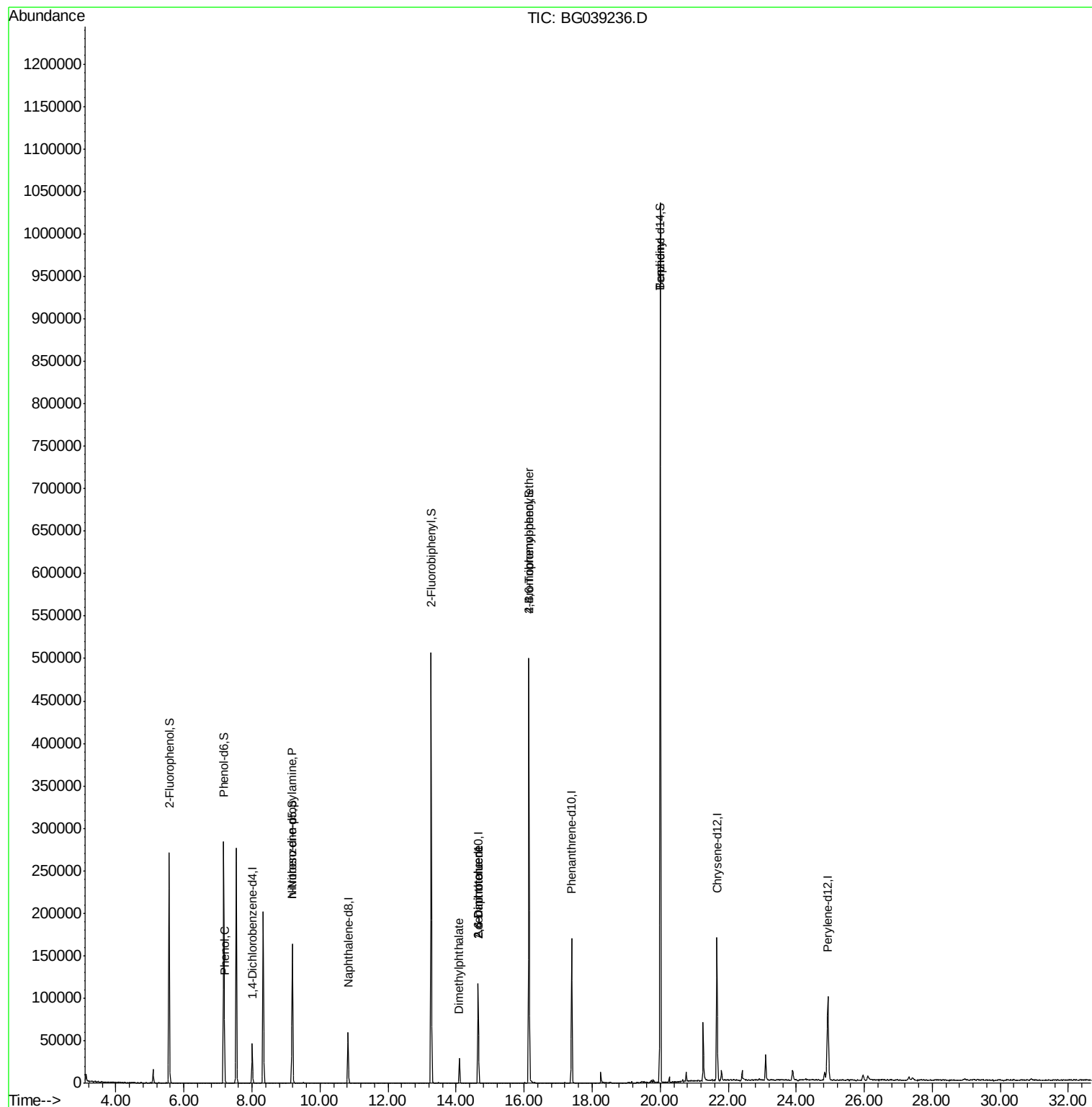
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13933	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	56471	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	43803	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	112264	20.00	ng	0.00
76) Chrysene-d12	21.67	240	113003	20.00	ng	0.00
87) Perylene-d12	24.93	264	121544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	120150	163.58	ng	0.00
7) Phenol-d6	7.17	99	166388	157.41	ng	0.00
23) Nitrobenzene-d5	9.19	82	98276	95.23	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	108061	147.17	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	287458	89.81	ng	0.00
79) Terphenyl-d14	20.00	244	518073	84.81	ng	0.00
Target Compounds						
10) Phenol	7.19	94	2497	2.356	ng	# 63
19) n-Nitroso-di-n-propylamine	9.19	70	13571	19.551	ng	# 68
50) Dimethylphthalate	14.10	163	23259	6.284	ng	# 98
51) 2,6-Dinitrotoluene	14.65	165	5635	6.809	ng	# 24
57) 2,4-Dinitrotoluene	14.65	165	5635	4.746	ng	# 26
67) 4-Bromophenyl-phenylether	16.14	248	7179	4.975	ng	# 1
77) Benzidine	20.00	184	8118	2.349	ng	# 89

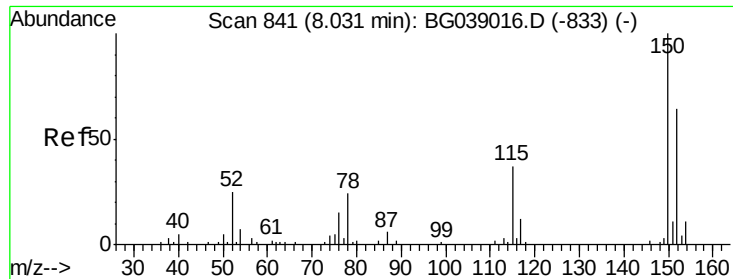
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration



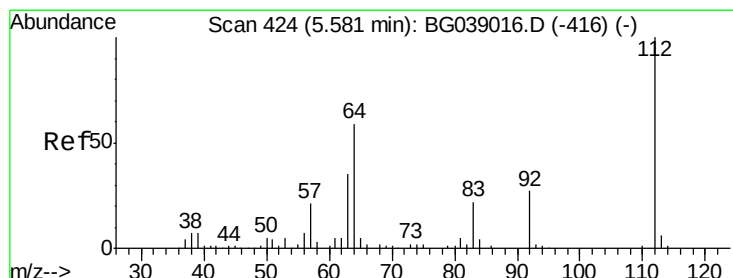
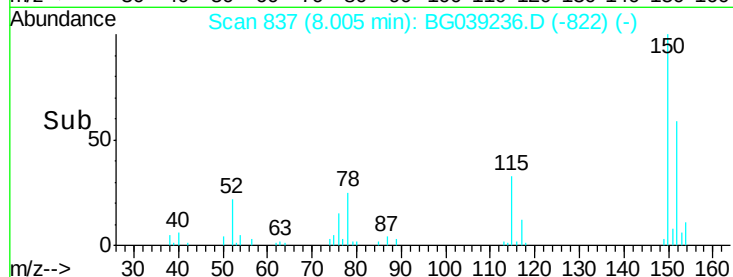
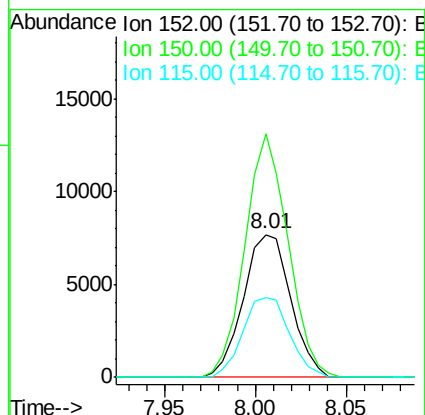
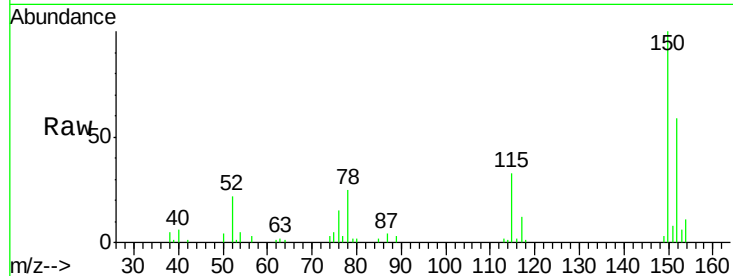


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG039236.D
 Acq: 21 Jan 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :
 C-3

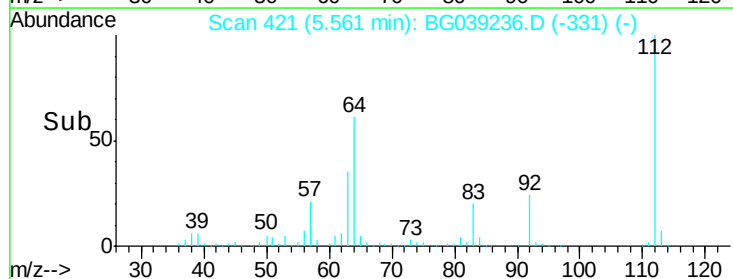
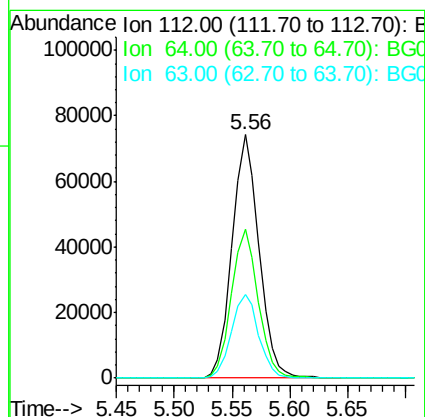
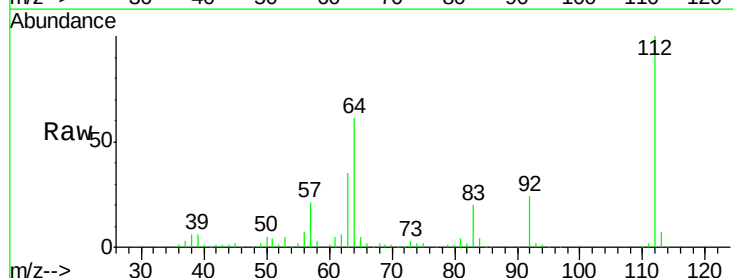
Tgt Ion:152 Resp: 13933
 Ion Ratio Lower Upper
 152 100
 150 170.1 124.7 187.1
 115 56.2 46.5 69.7

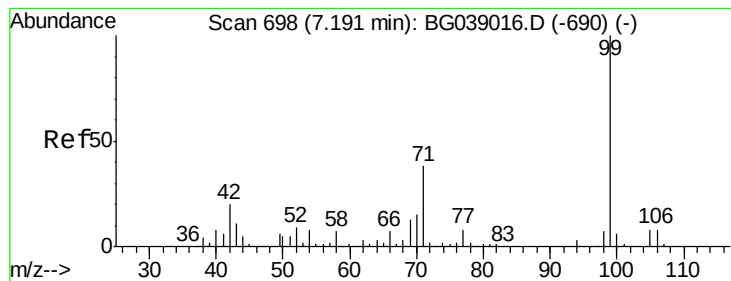


#5

2-Fluorophenol
 Concen: 163.585 ng
 RT: 5.56 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BG039236.D
 Acq: 21 Jan 2019 16:40

Tgt Ion:112 Resp: 120150
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.0 70.6
 63 34.5 28.0 42.0





#7

Phenol-d6

Concen: 157.413 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

Instrument :

BNA_G

ClientSampleId :

C-3

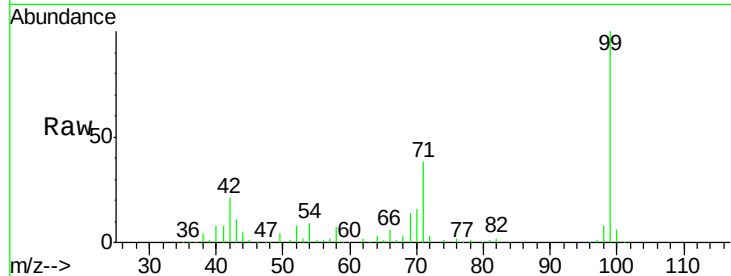
Tgt Ion: 99 Resp: 166388

Ion Ratio Lower Upper

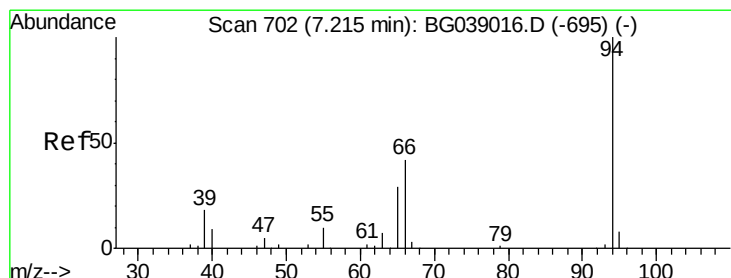
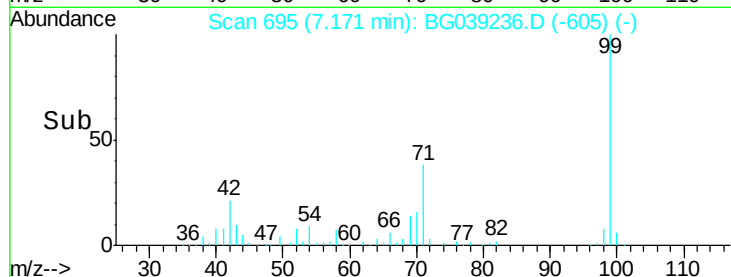
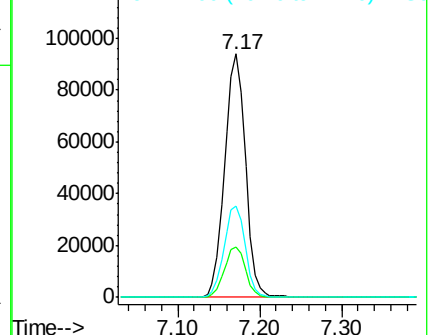
99 100

42 20.8 15.8 23.6

71 37.6 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



#10

Phenol

Concen: 2.356 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

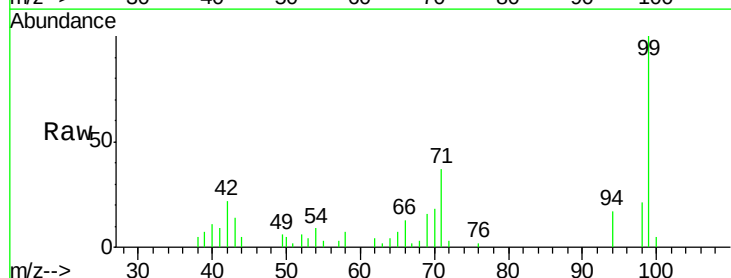
Tgt Ion: 94 Resp: 2497

Ion Ratio Lower Upper

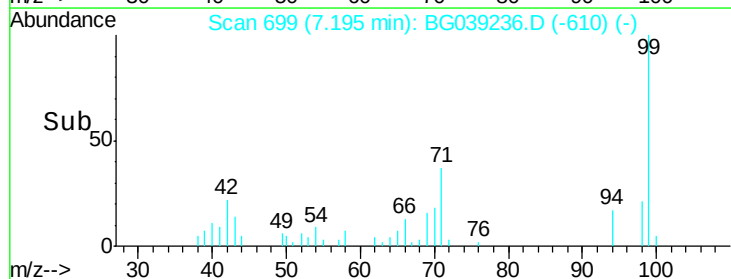
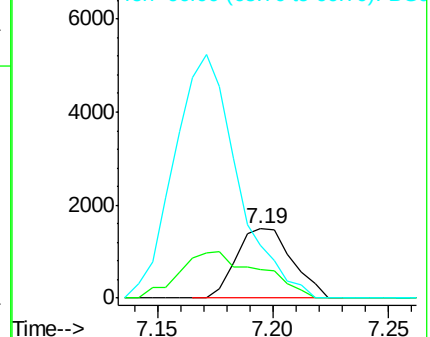
94 100

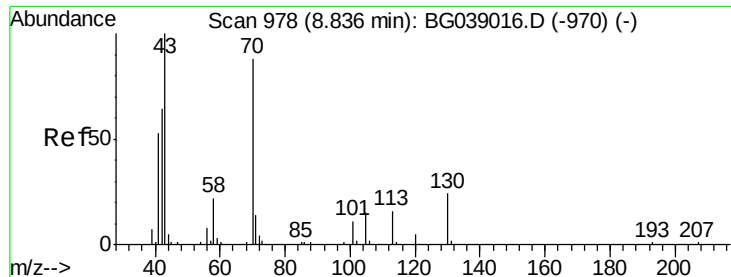
65 42.0 10.3 50.3

66 76.1 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

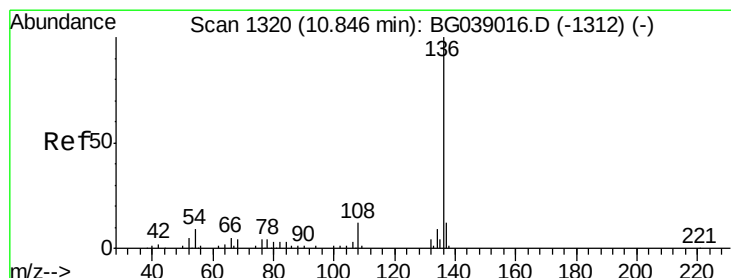
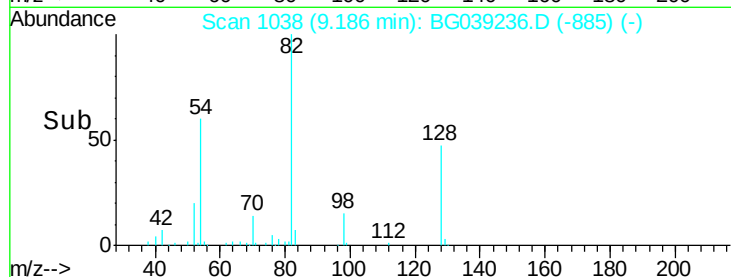
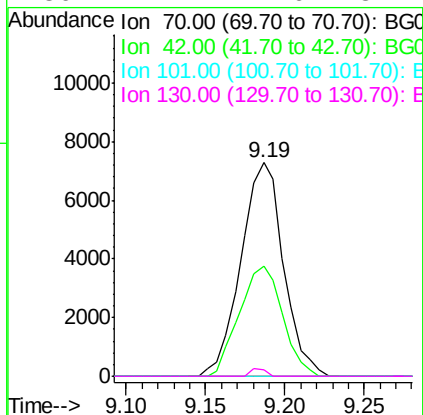
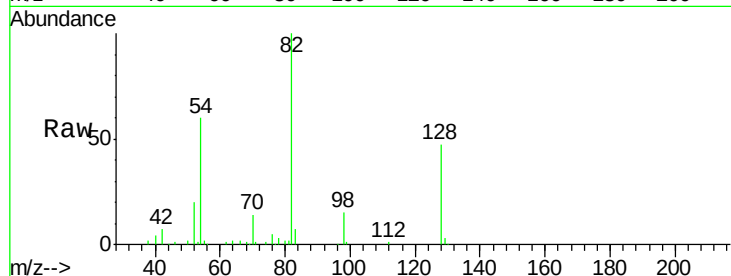




#19
n-Nitroso-di-n-propylamine
Concen: 19.551 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.37 min
Lab File: BG039236.D
Acq: 21 Jan 2019 16:40

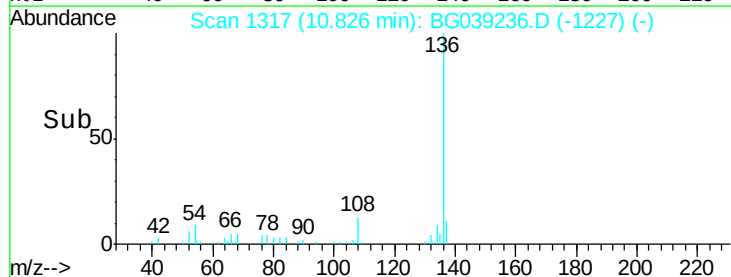
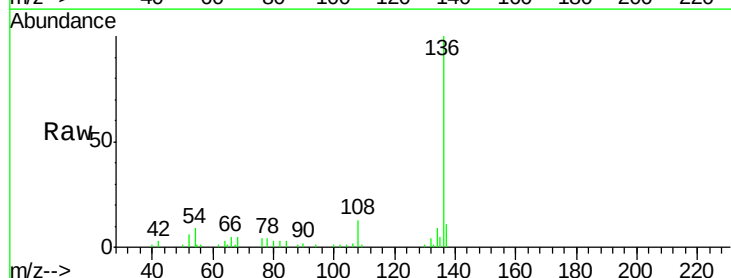
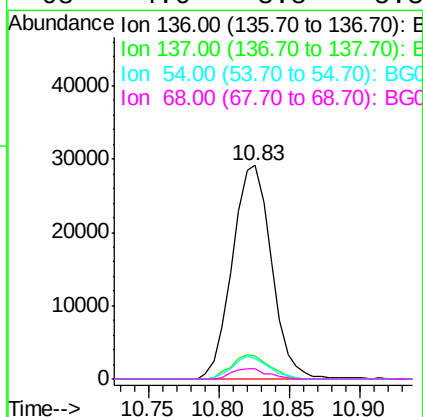
Instrument :
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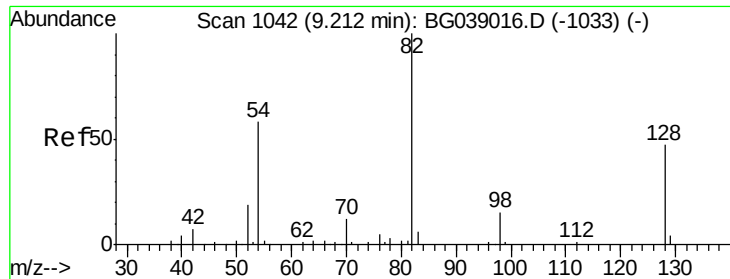
Tgt Ion: 70 Resp: 13571
Ion Ratio Lower Upper
70 100
42 51.3 59.0 88.4#
101 0.0 10.4 15.6#
130 2.7 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG039236.D
Acq: 21 Jan 2019 16:40

Tgt Ion:136 Resp: 56471
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.2
54 10.0 7.2 10.8
68 4.6 3.5 5.3

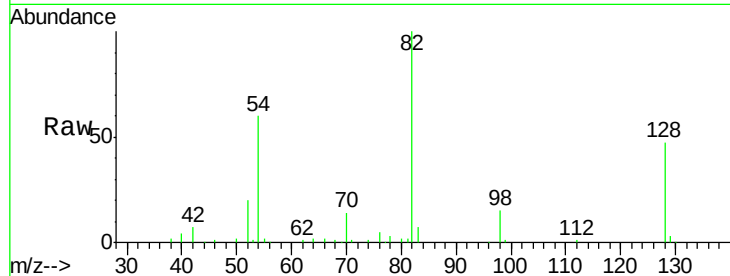




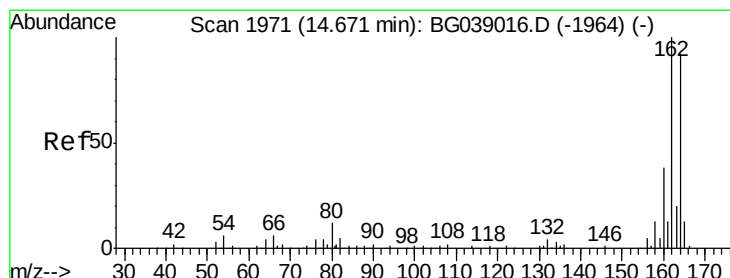
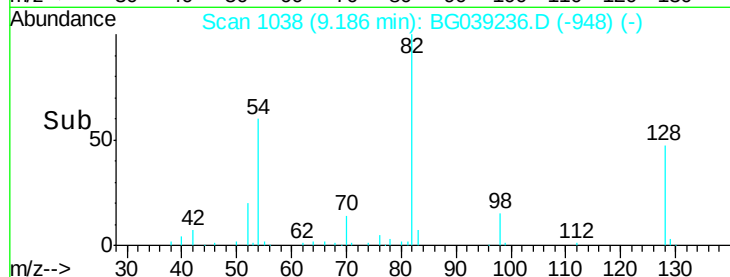
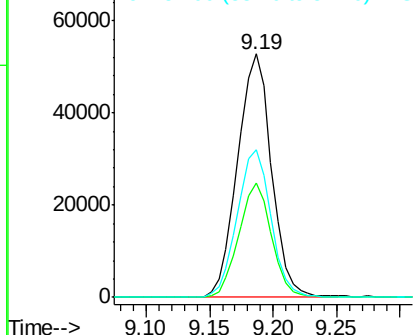
#23
 Nitrobenzene-d5
 Concen: 95.228 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039236.D
 Acq: 21 Jan 2019 16:40

Instrument :
 BNA_G
 ClientSampled :
 C-3

Tgt Ion: 82 Resp: 98276
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.3 55.9
 54 60.4 46.4 69.6

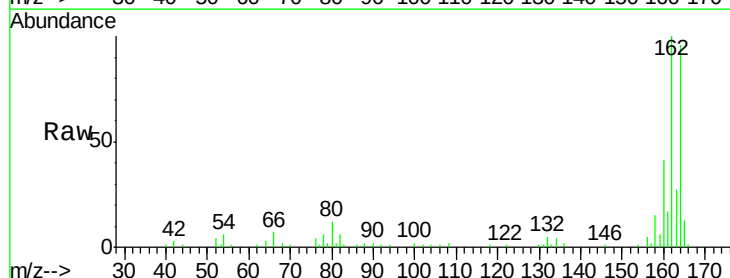


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

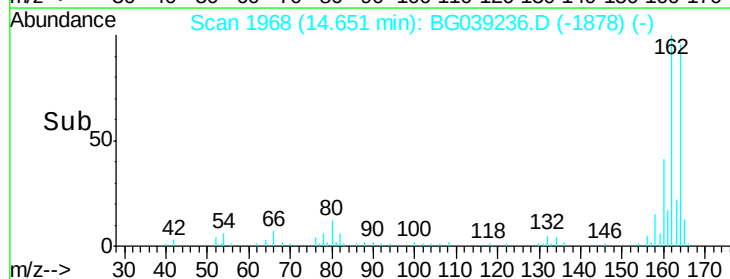
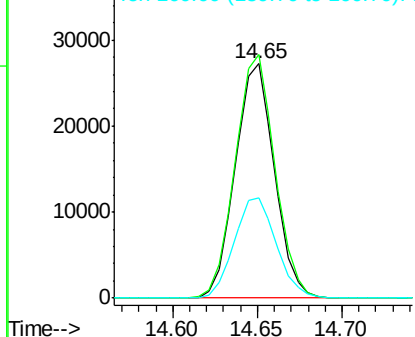


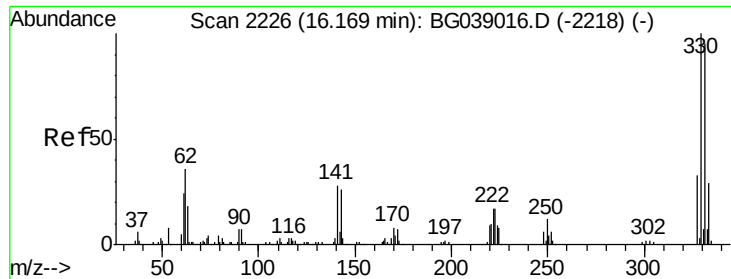
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG039236.D
 Acq: 21 Jan 2019 16:40

Tgt Ion: 164 Resp: 43803
 Ion Ratio Lower Upper
 164 100
 162 103.9 87.2 130.8
 160 43.0 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

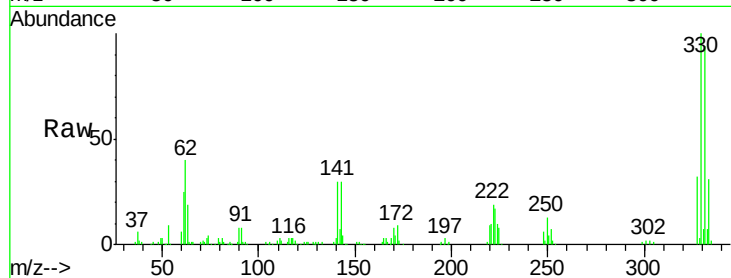




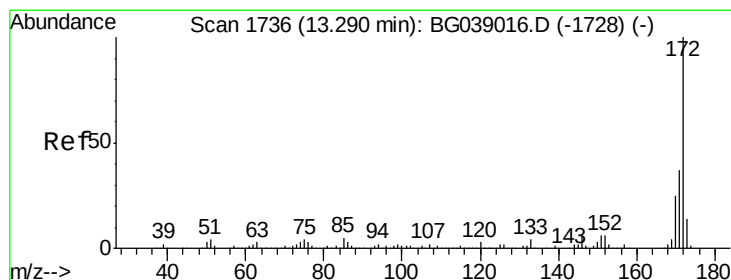
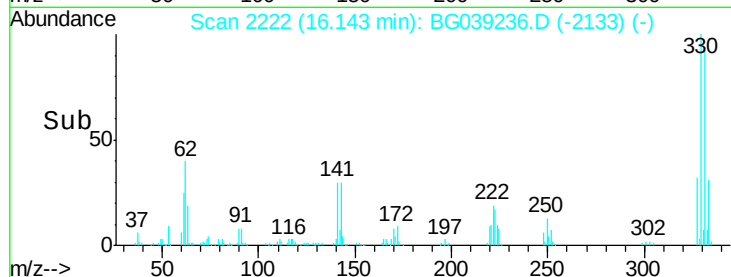
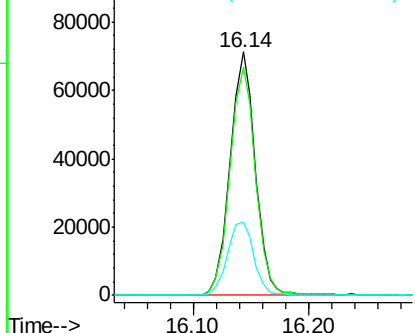
#42
 2,4,6-Tribromophenol
 Concen: 147.170 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG039236.D
 Acq: 21 Jan 2019 16:40

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Tgt Ion:330 Resp: 108061
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 31.6 24.9 37.3

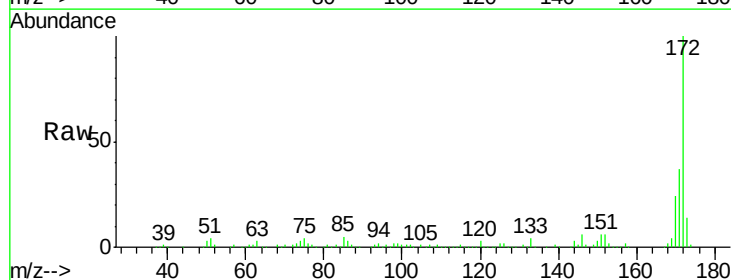


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

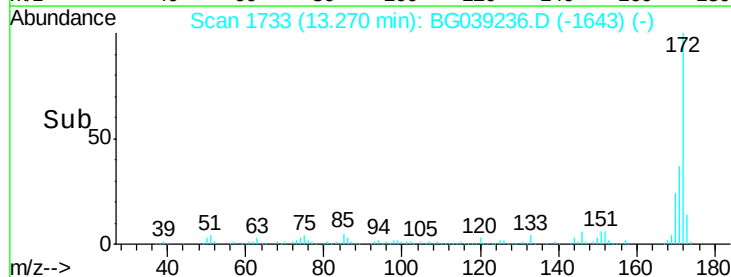
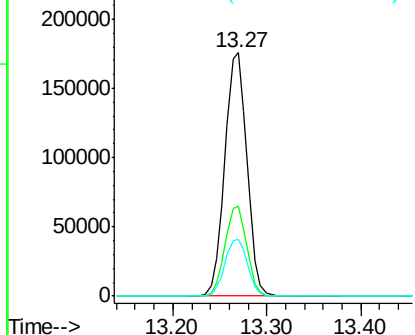


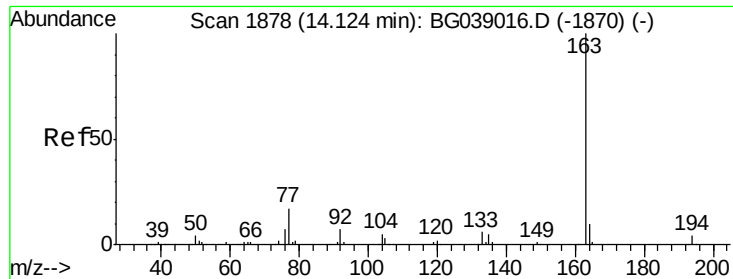
#45
 2-Fluorobiphenyl
 Concen: 89.812 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG039236.D
 Acq: 21 Jan 2019 16:40

Tgt Ion:172 Resp: 287458
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 23.5 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: 6.284 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

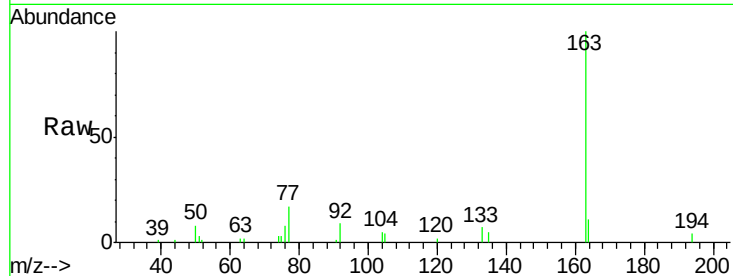
Instrument :

BNA_G

ClientSampleId :

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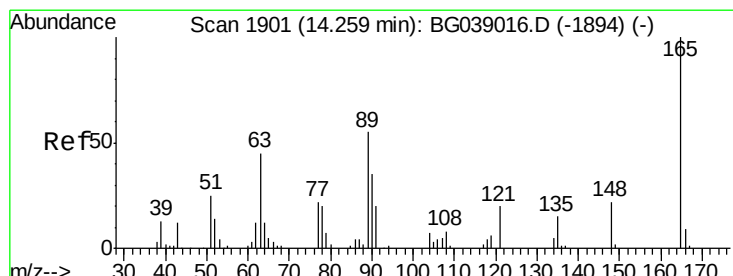
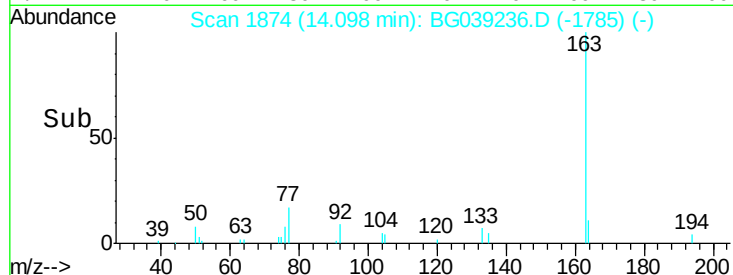
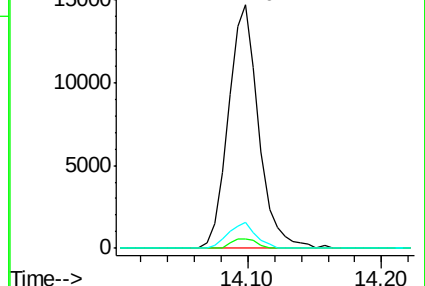
Tgt Ion:163	Resp:	23259
Ion Ratio	Lower	Upper
163	100	
194	4.1	3.6 5.4
164	10.8	8.2 12.2



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: 6.809 ng

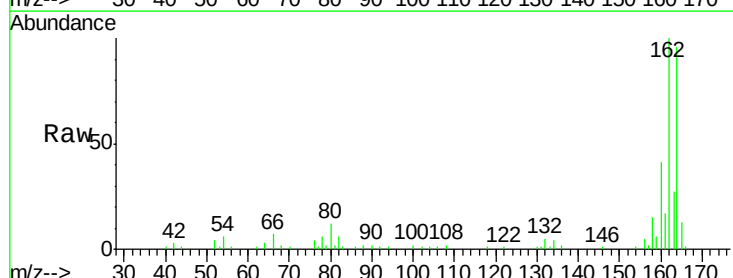
RT: 14.65 min Scan# 1968

Delta R.T. 0.41 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

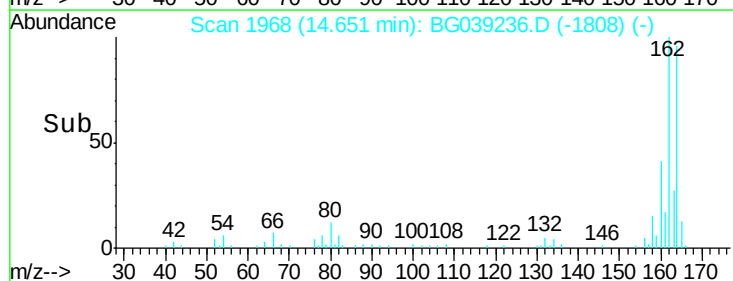
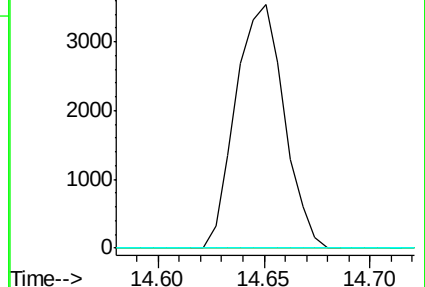
Tgt Ion:165	Resp:	5635
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.6 65.4#
89	0.0	43.7 65.5#

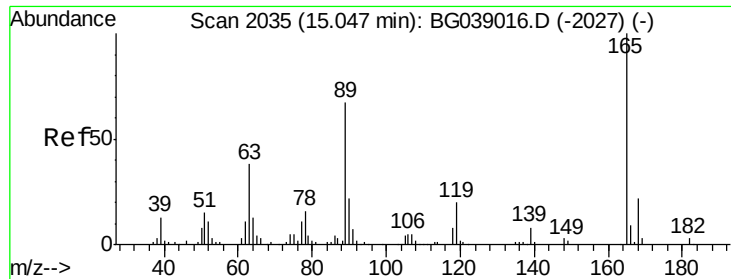


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#57

2,4-Dinitrotoluene

Concen: 4.746 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.38 min

Lab File: BG039236.D

Acq: 21 Jan 2019 16:40

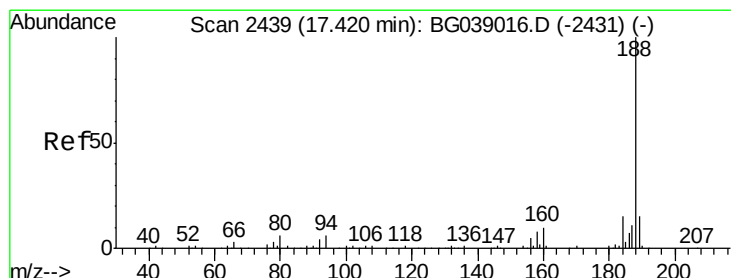
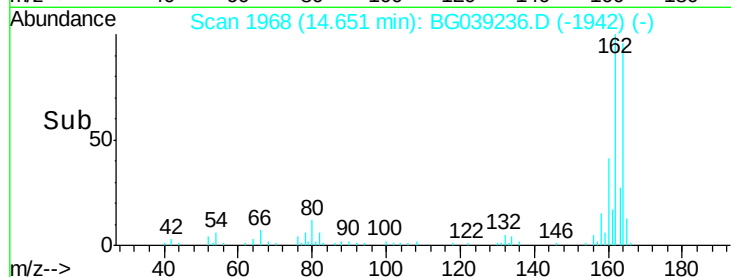
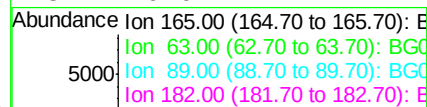
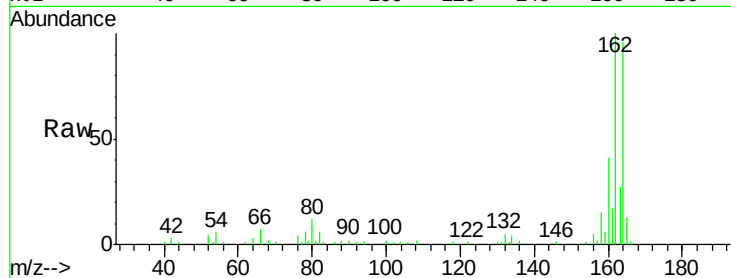
Instrument :

BNA_G

ClientSampled :

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Tgt Ion:	165	Resp:	5635
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

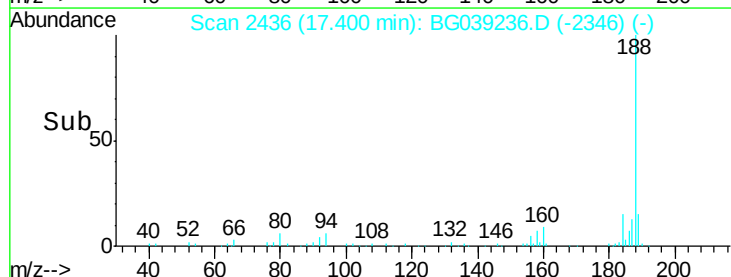
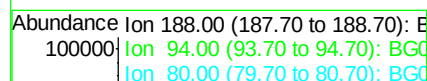
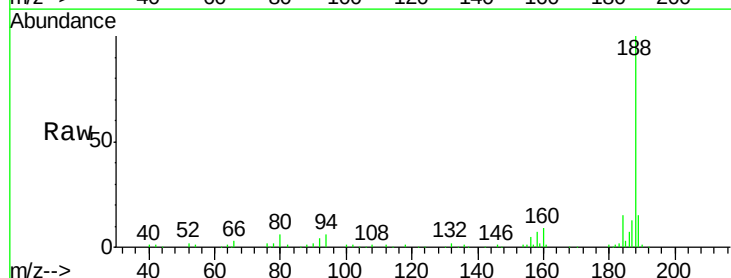
RT: 17.40 min Scan# 2436

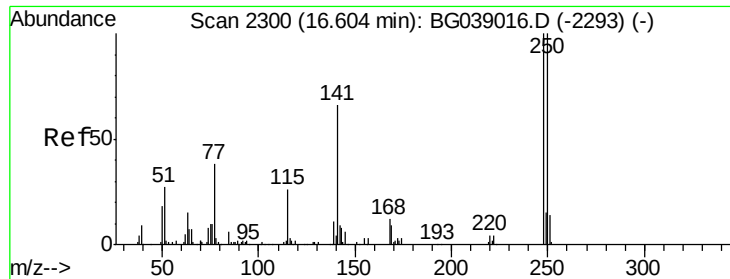
Delta R.T. -0.00 min

Lab File: BG039236.D

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Tgt Ion:	188	Resp:	112264
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.0	7.4
80	5.9	4.7	7.1

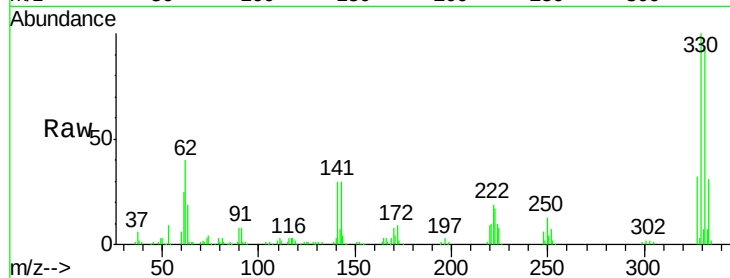




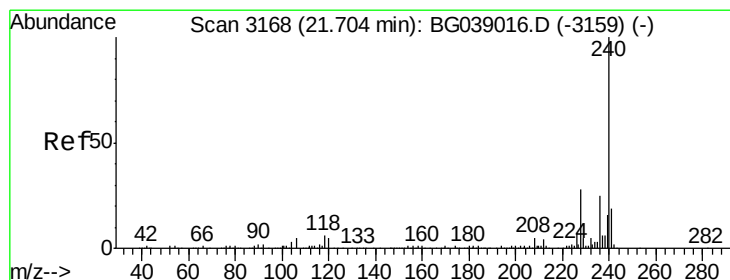
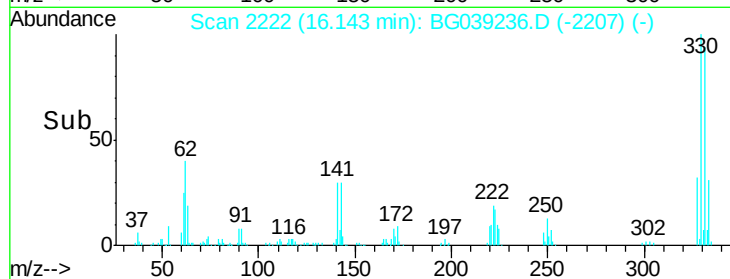
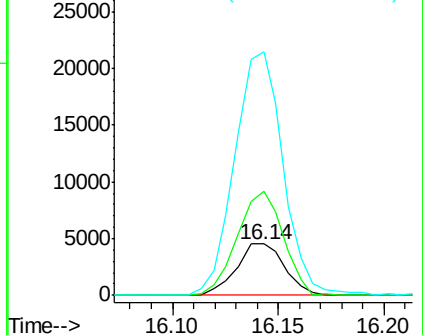
#67
 4-Bromophenyl-phenylether
 Concen: 4.975 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.44 min
 Lab File: BG039236.D
 Acq: 21 Jan 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :
 C-3

Tgt Ion:248 Resp: 7179
 Ion Ratio Lower Upper
 248 100
 250 195.9 79.9 119.9#
 141 346.0 52.7 79.1#

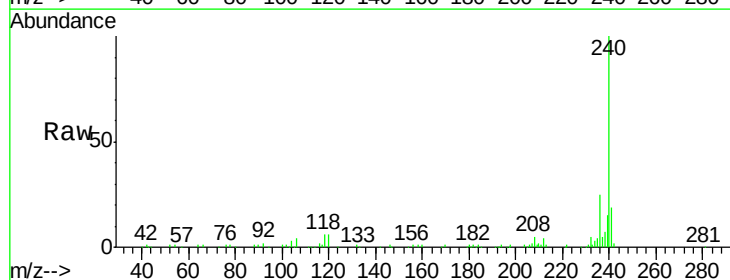


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

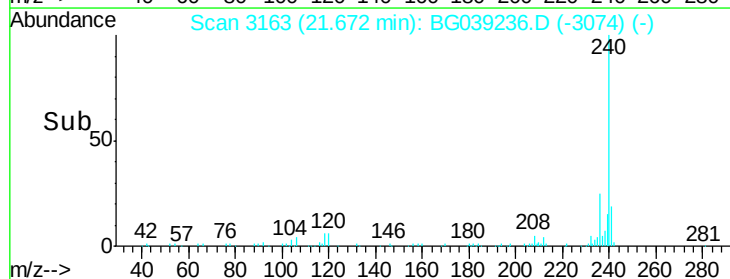
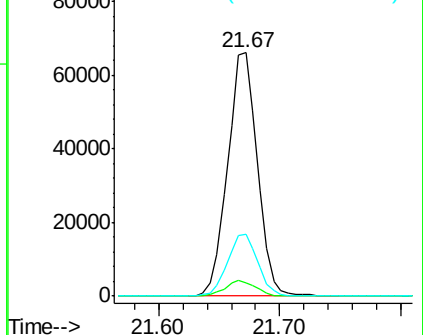


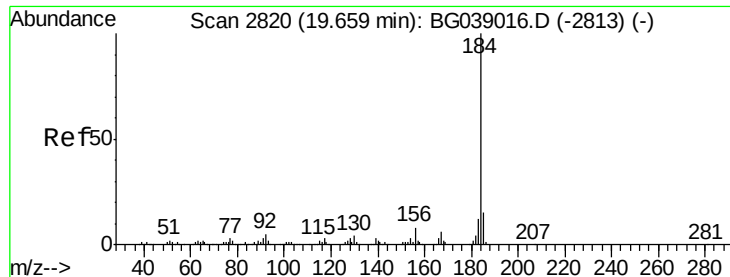
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG039236.D
 Acq: 21 Jan 2019 16:40

Tgt Ion:240 Resp: 113003
 Ion Ratio Lower Upper
 240 100
 120 5.6 4.3 6.5
 236 25.5 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

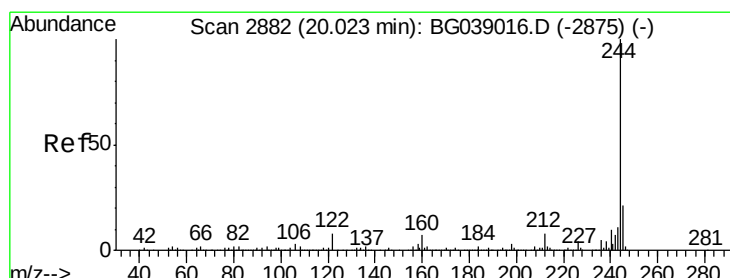
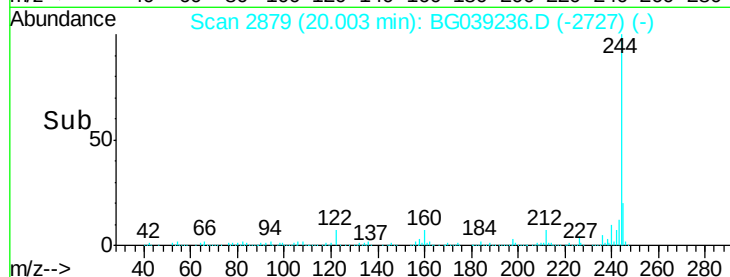
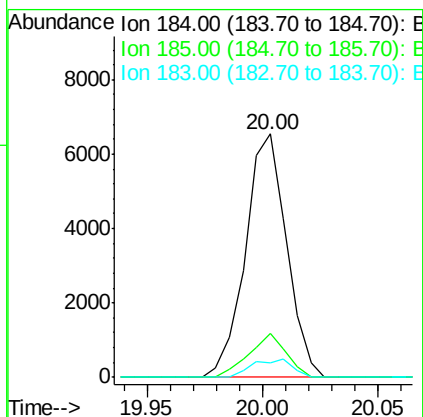
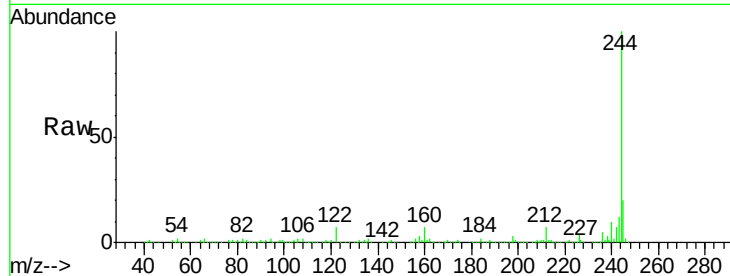




#77
Benzidine
Concen: 2.349 ng
RT: 20.00 min Scan# 2879
Delta R.T. 0.36 min
Lab File: BG039236.D
Acq: 21 Jan 2019 16:40

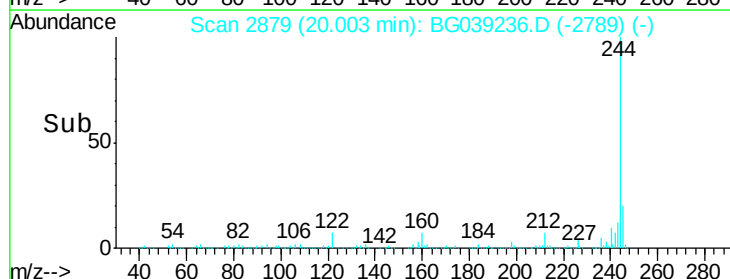
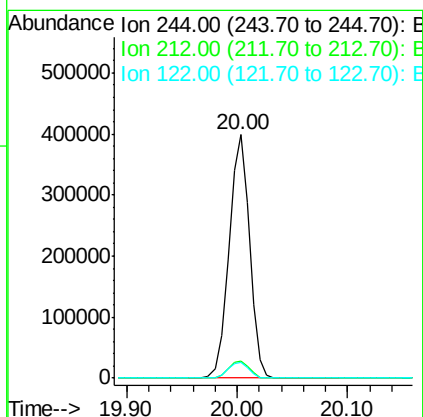
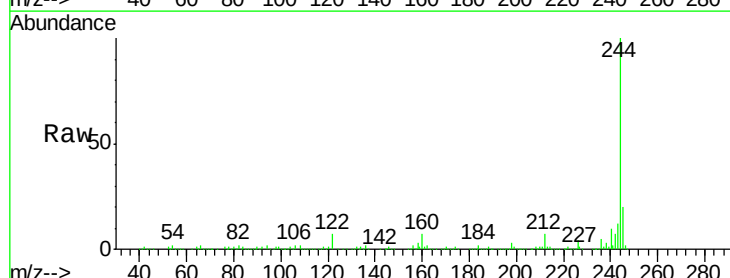
Instrument :
BNA_G
ClientSampled :
C-3

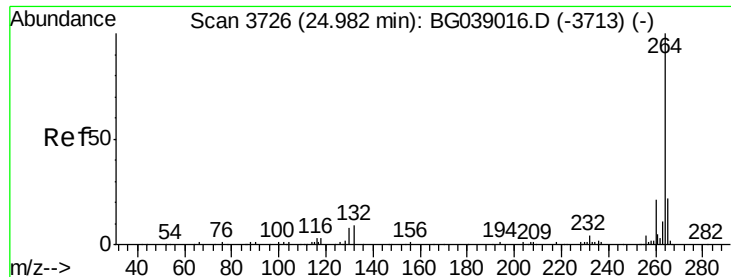
Tgt Ion:184 Resp: 8118
Ion Ratio Lower Upper
184 100
185 18.3 12.1 18.1#
183 5.8 9.5 14.3#



#79
Terphenyl-d14
Concen: 84.810 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG039236.D
Acq: 21 Jan 2019 16:40

Tgt Ion:244 Resp: 518073
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 6.7 6.1 9.1

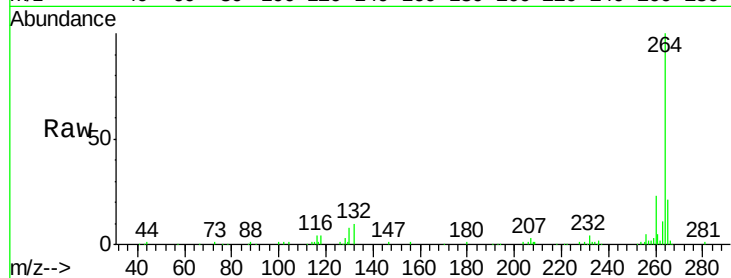




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.02 min
Lab File: BG039236.D
Acq: 21 Jan 2019 16:40

Instrument :
BNA_G
ClientSampleId :
C-3

Tgt Ion: 264 Resp: 121544
Ion Ratio Lower Upper
264 100
260 22.5 17.0 25.6
265 21.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

