

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
 Data File : BG037199.D
 Acq On : 5 Oct 2018 21:39
 Operator : JU/SJ
 Sample : J5195-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-100418

Quant Time: Oct 06 04:54:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

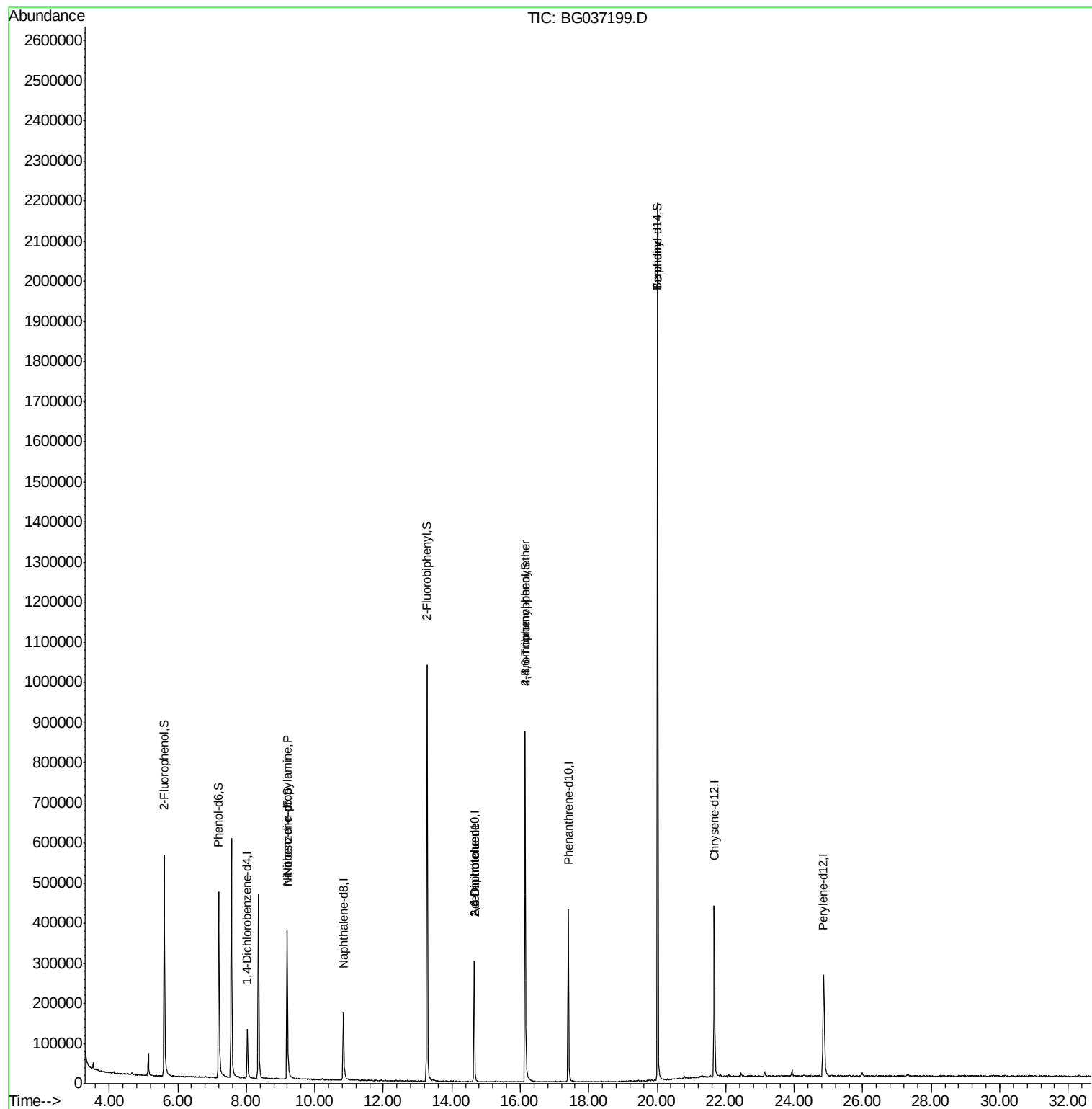
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39973	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	165586	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	113198	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	297036	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	297221	20.00	ng	-0.02
86) Perylene-d12	24.86	264	296534	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	260330	124.90	ng	-0.02
7) Phenol-d6	7.19	99	324203	100.53	ng	-0.02
23) Nitrobenzene-d5	9.19	82	280326	90.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	174161	128.59	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	586616	77.18	ng	-0.02
78) Terphenyl-d14	20.01	244	1092801	96.68	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	37364	13.928	ng	# 68
50) 2,6-Dinitrotoluene	14.66	165	14977	7.534	ng	# 23
56) 2,4-Dinitrotoluene	14.66	165	14977	5.399	ng	# 21
66) 4-Bromophenyl-phenylether	16.14	248	12080	3.575	ng	# 1
76) Benzidine	20.01	184	18856	2.099	ng	# 94

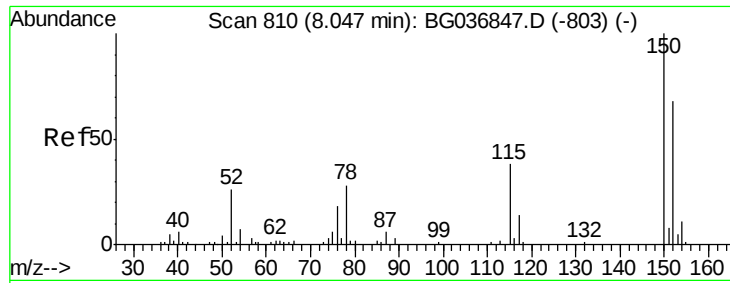
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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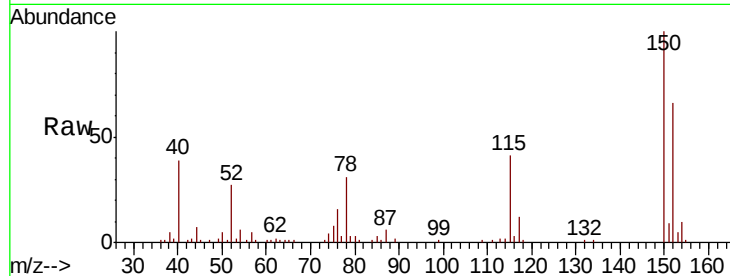




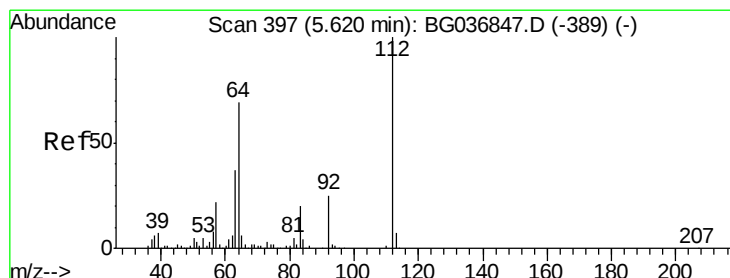
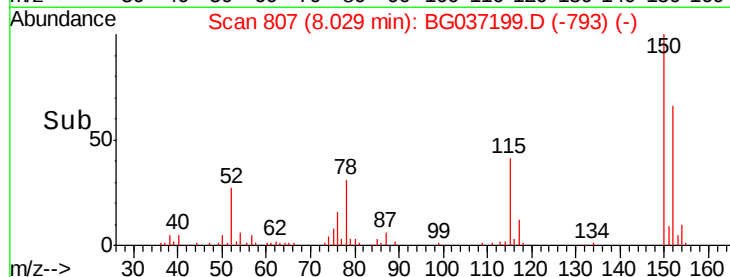
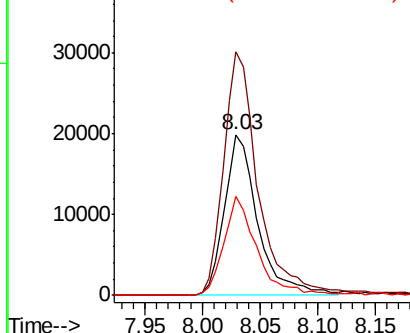
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BG037199.D
 Acq: 5 Oct 2018 21:39

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-100418

Tgt Ion:152 Resp: 39973
 Ion Ratio Lower Upper
 152 100
 150 151.2 119.5 179.3
 115 61.5 44.5 66.7

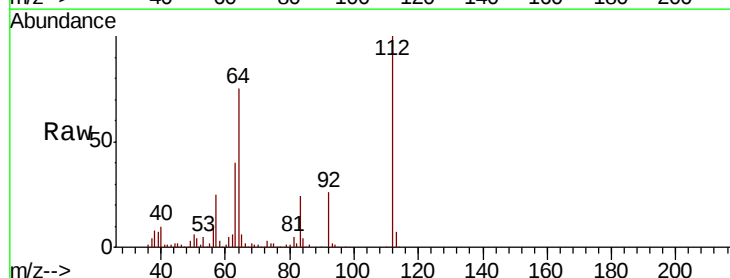


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

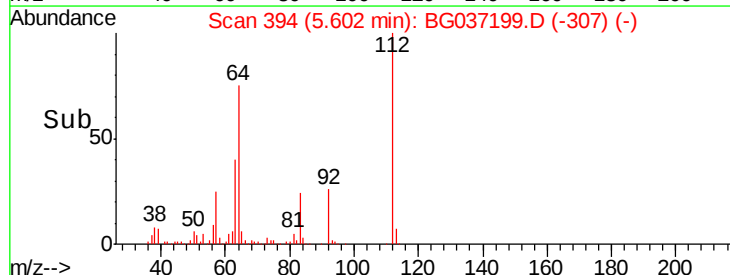
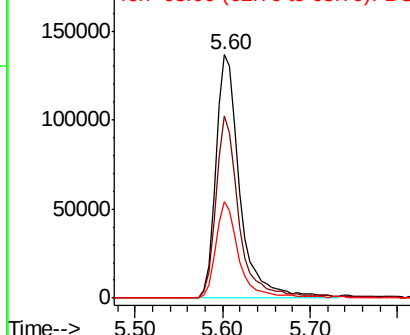


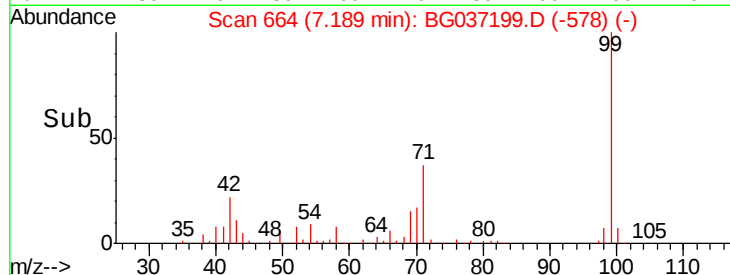
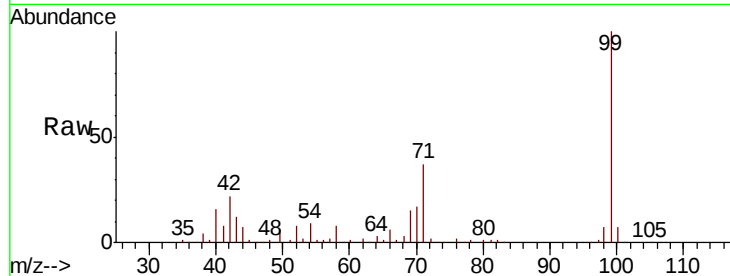
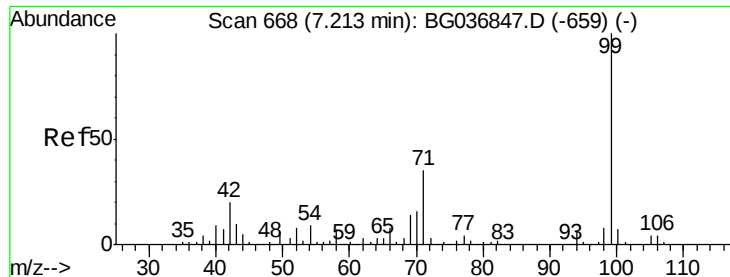
#5
 2-Fluorophenol
 Concen: 124.898 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.02 min
 Lab File: BG037199.D
 Acq: 5 Oct 2018 21:39

Tgt Ion:112 Resp: 260330
 Ion Ratio Lower Upper
 112 100
 64 74.7 57.2 85.8
 63 39.7 30.8 46.2



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: 100.534 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037199.D

Acq: 5 Oct 2018 21:39

Instrument :

BNA_G

ClientSampleId :

JC-02-100418

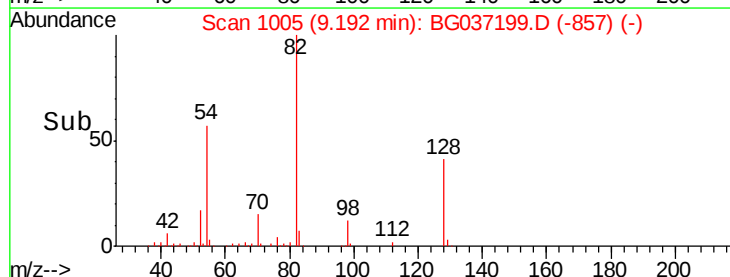
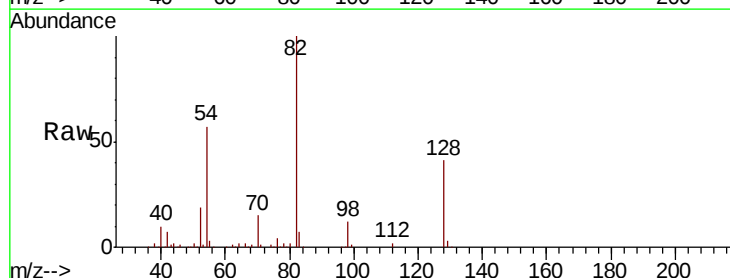
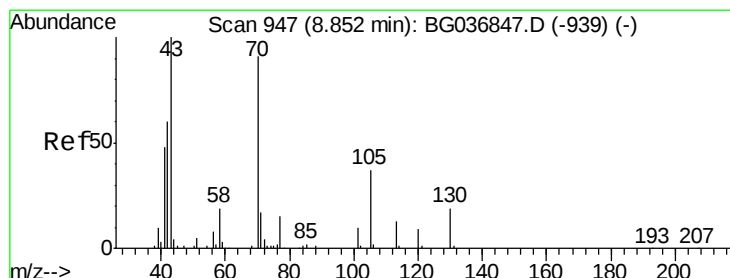
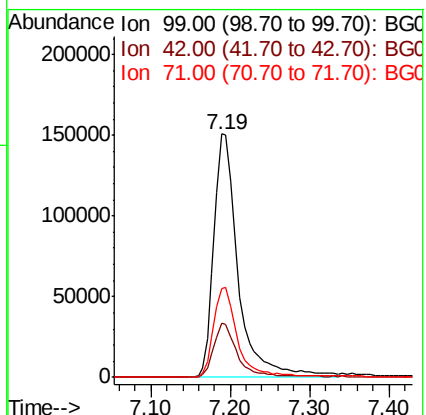
Tgt Ion: 99 Resp: 324203

Ion Ratio Lower Upper

99 100

42 22.0 16.5 24.7

71 36.5 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.928 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037199.D

Acq: 5 Oct 2018 21:39

Tgt Ion: 70 Resp: 37364

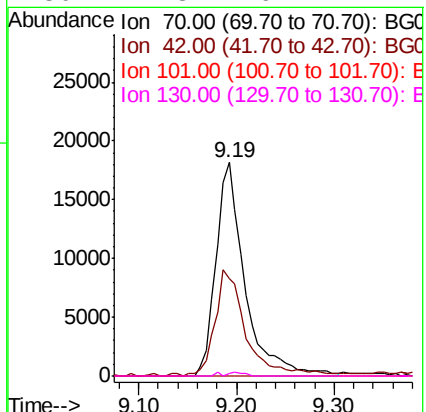
Ion Ratio Lower Upper

70 100

42 45.6 56.2 84.4#

101 0.0 7.8 11.6#

130 1.3 16.2 24.2#

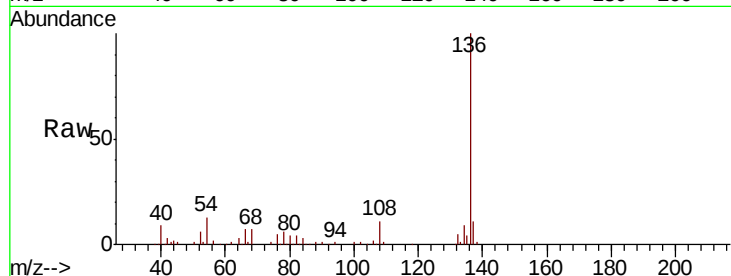




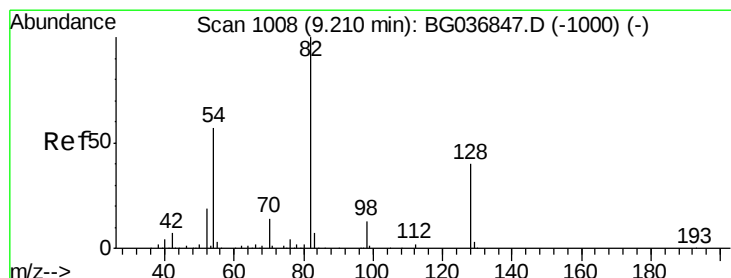
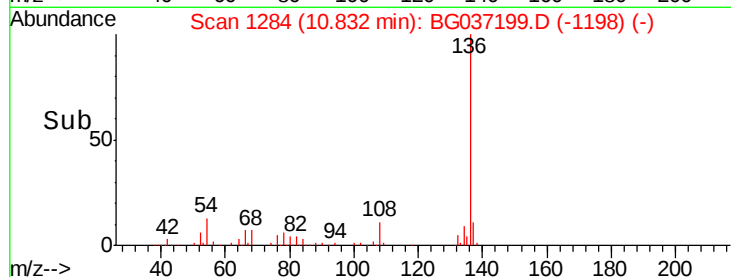
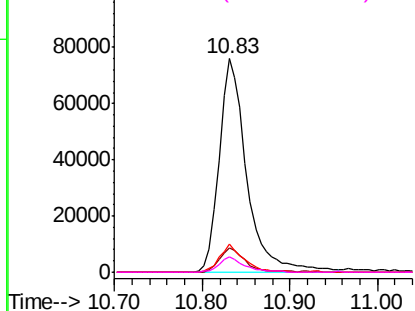
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100418

Tgt Ion:	136	Resp:	165586
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	12.9	9.2	13.8
68	7.0	5.8	8.6

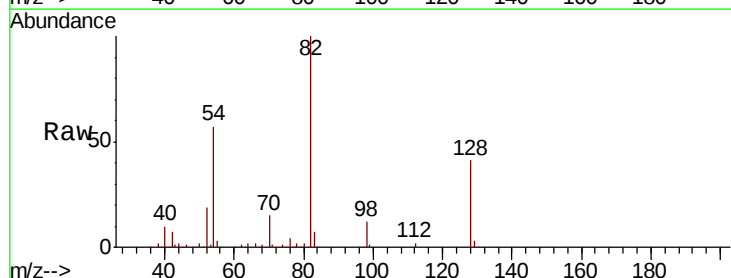


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

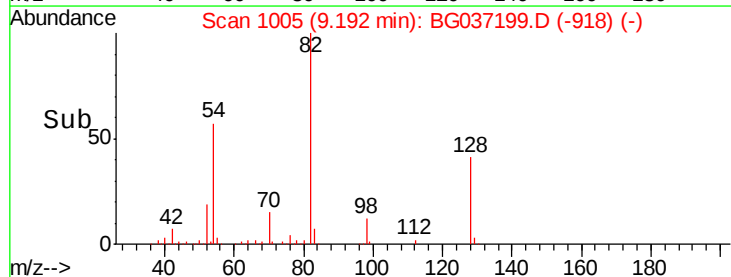
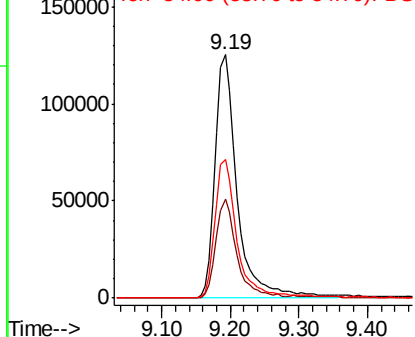


#23
Nitrobenzene-d5
Concen: 90.658 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Tgt Ion:	82	Resp:	280326
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.3	49.9
54	56.8	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037199.D

Acq: 5 Oct 2018 21:39

Instrument :

BNA_G

ClientSampleId :

JC-02-100418

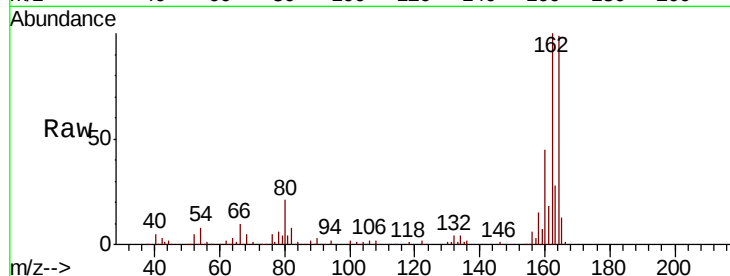
Tgt Ion:164 Resp: 113198

Ion Ratio Lower Upper

164 100

162 101.3 80.7 121.1

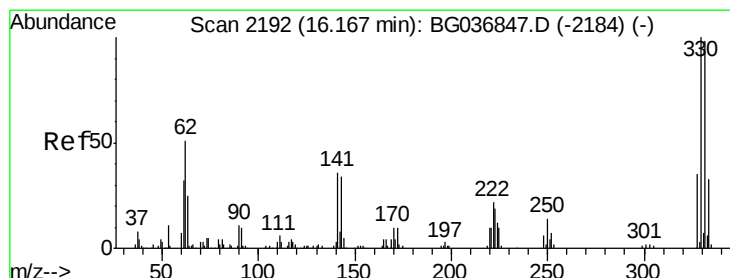
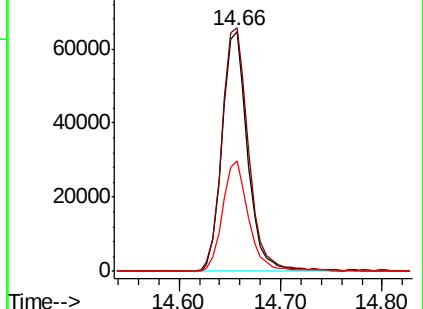
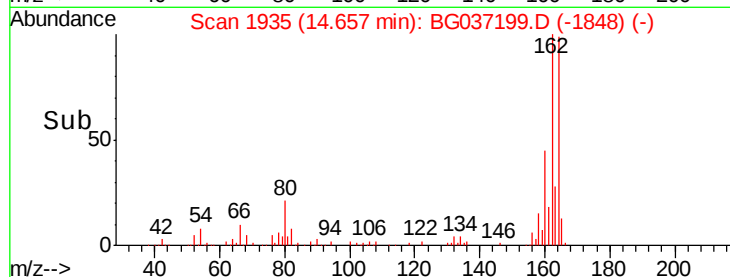
160 46.0 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 128.594 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BG037199.D

Acq: 5 Oct 2018 21:39

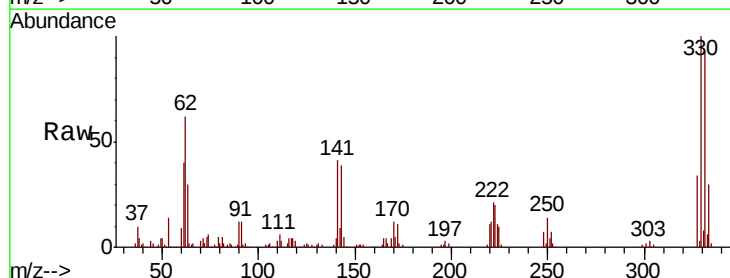
Tgt Ion:330 Resp: 174161

Ion Ratio Lower Upper

330 100

332 95.3 75.4 113.2

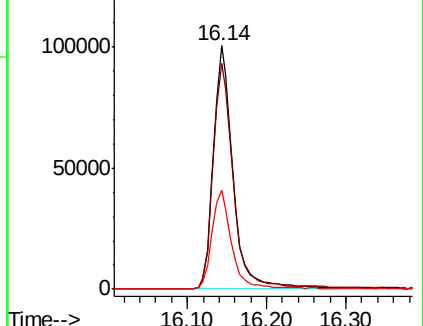
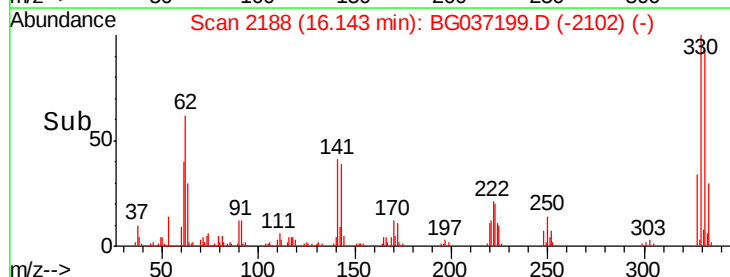
141 40.8 30.7 46.1

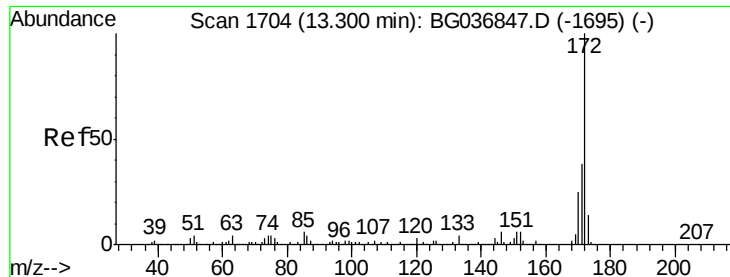


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

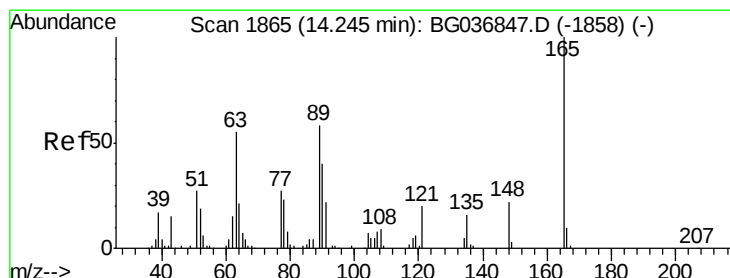
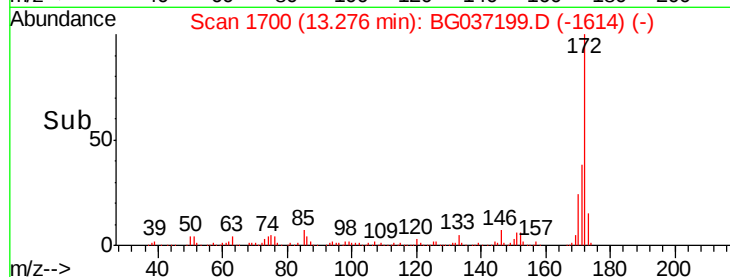
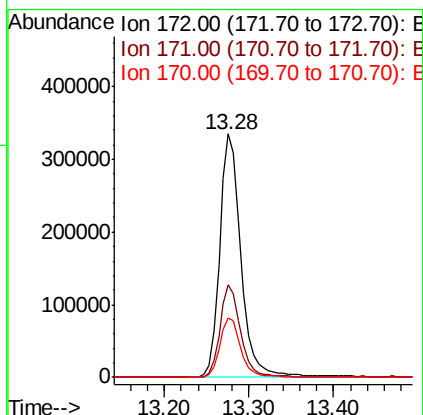
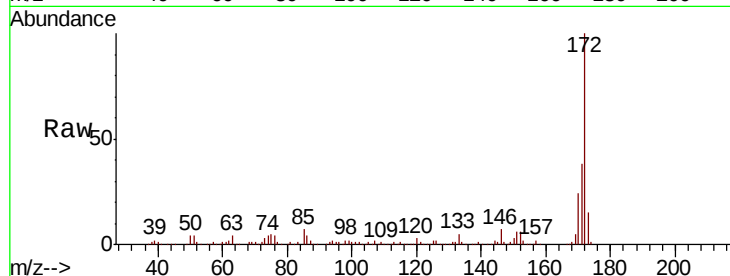




#44
 2-Fluorobiphenyl
 Concen: 77.183 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037199.D
 Acq: 5 Oct 2018 21:39

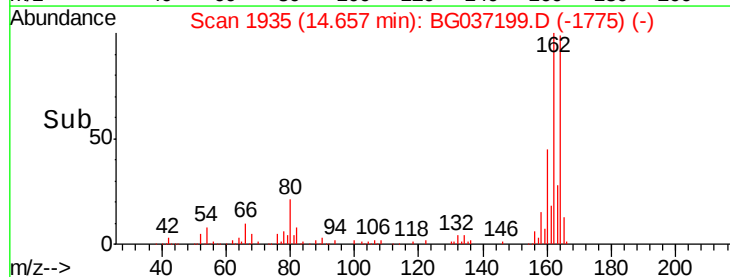
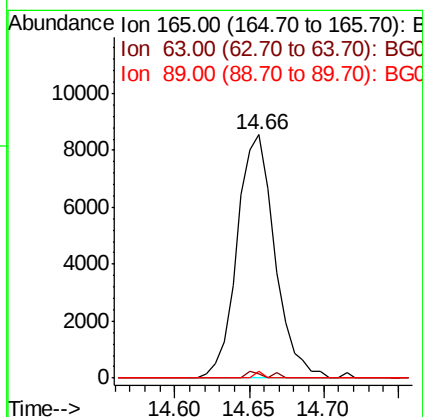
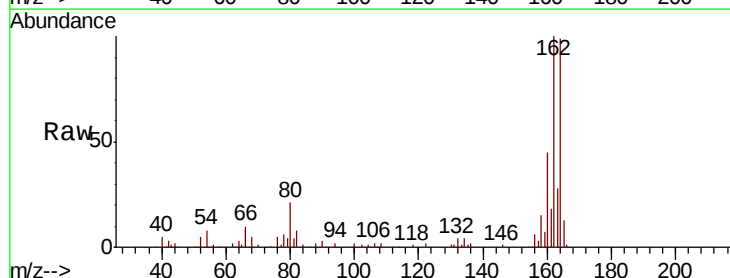
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-100418

Tgt Ion:172 Resp: 586616
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 24.4 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.534 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.41 min
 Lab File: BG037199.D
 Acq: 5 Oct 2018 21:39

Tgt Ion:165 Resp: 14977
 Ion Ratio Lower Upper
 165 100
 63 1.9 50.1 75.1#
 89 2.9 47.8 71.6#

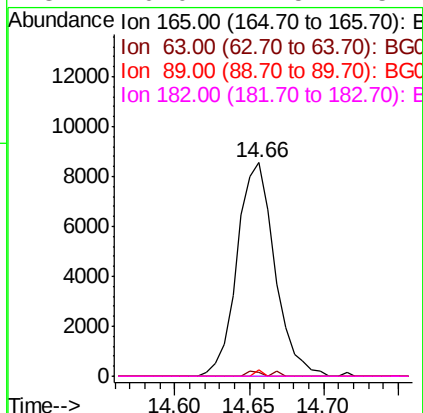
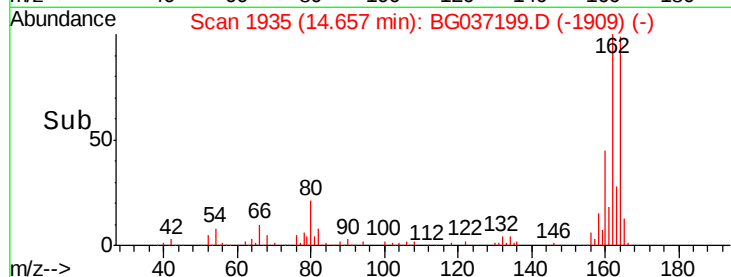
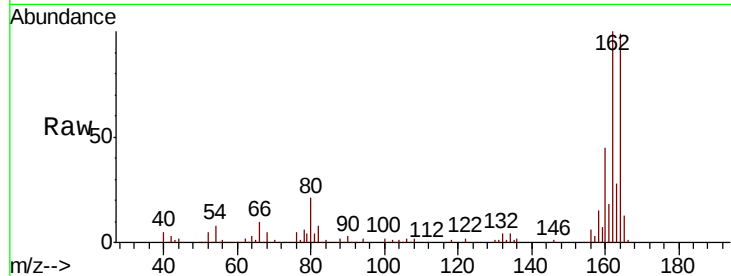




#56
 2,4-Dinitrotoluene
 Concen: 5.399 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.38 min
 Lab File: BG037199.D
 Acq: 5 Oct 2018 21:39

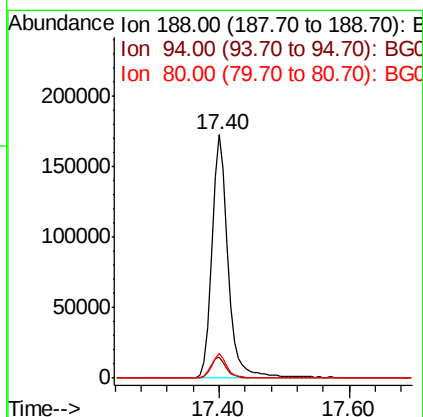
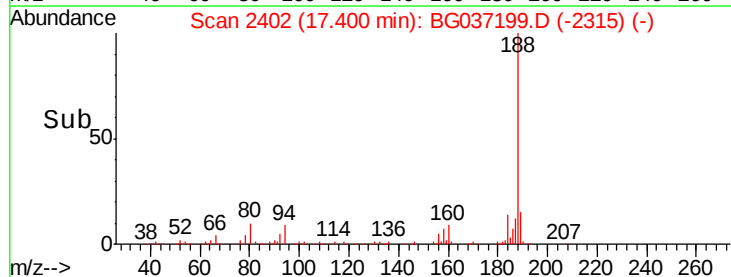
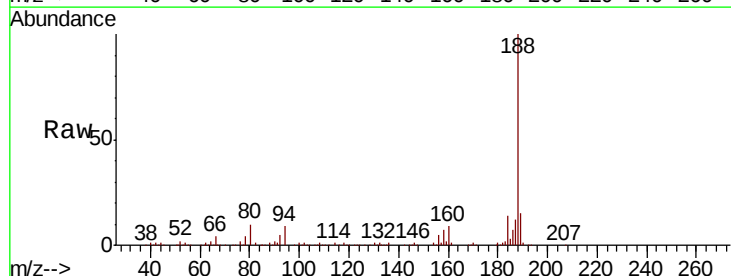
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-100418

Tgt Ion:	165	Resp:	14977
Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	2.9	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037199.D
 Acq: 5 Oct 2018 21:39

Tgt Ion:	188	Resp:	297036
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	10.2	8.1	12.1

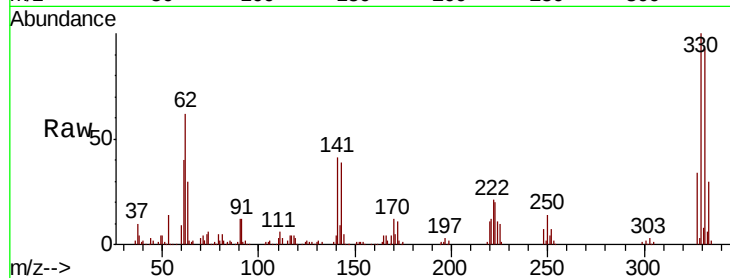




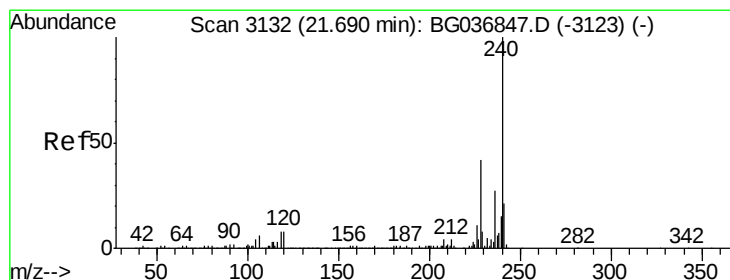
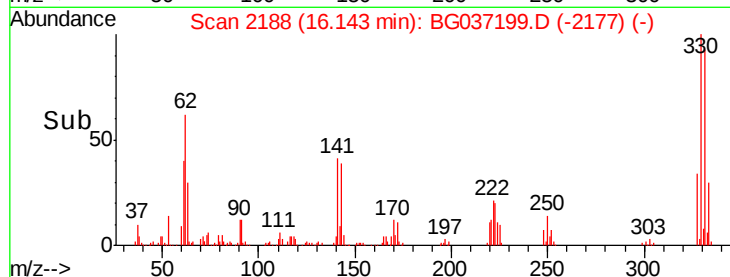
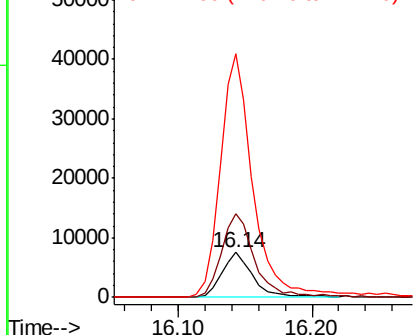
#66
4-Bromophenyl-phenylether
Concen: 3.575 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.46 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100418

Tgt Ion:248 Resp: 12080
Ion Ratio Lower Upper
248 100
250 187.7 78.1 117.1#
141 545.5 53.7 80.5#

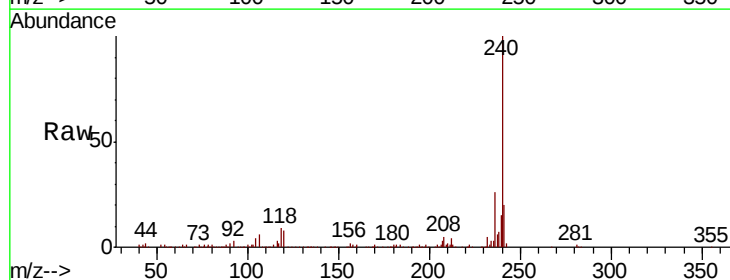


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

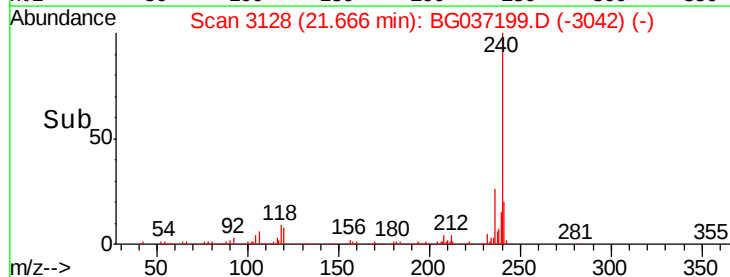
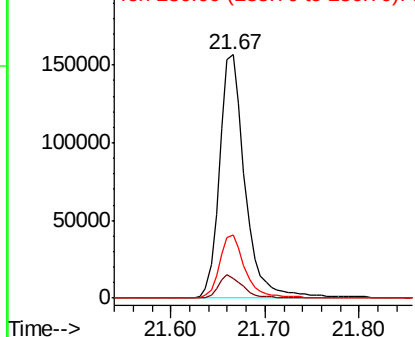


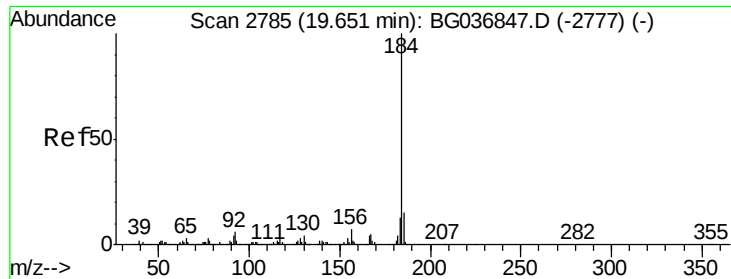
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Tgt Ion:240 Resp: 297221
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.1 21.2 31.8



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

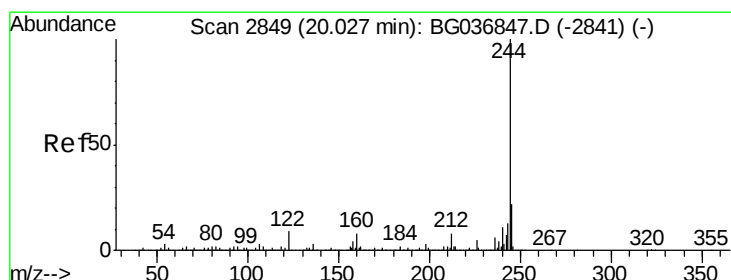
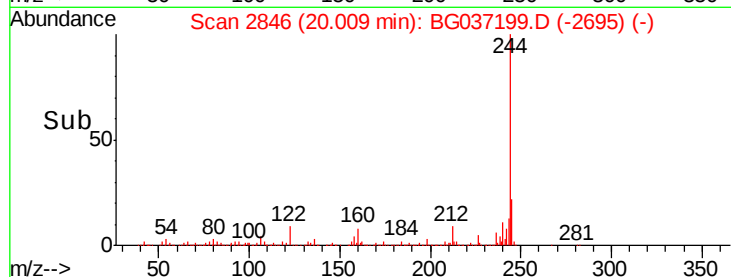
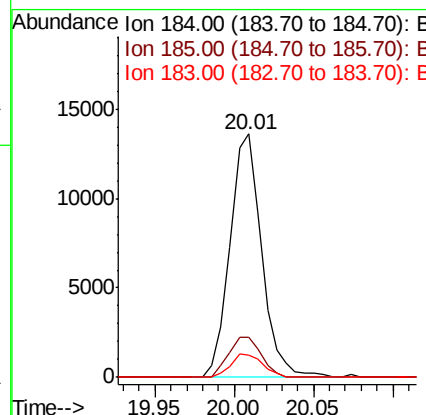
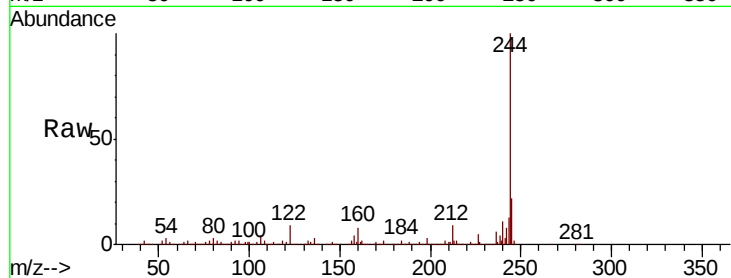




#76
Benzidine
Concen: 2.099 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

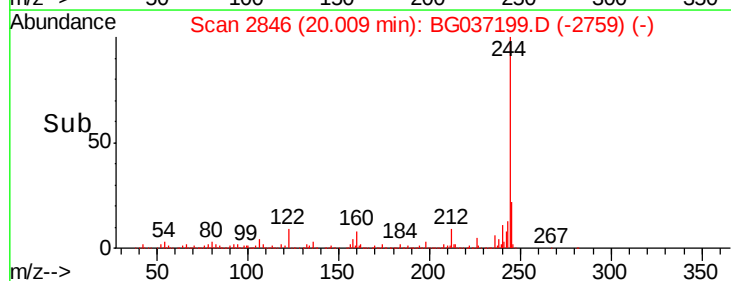
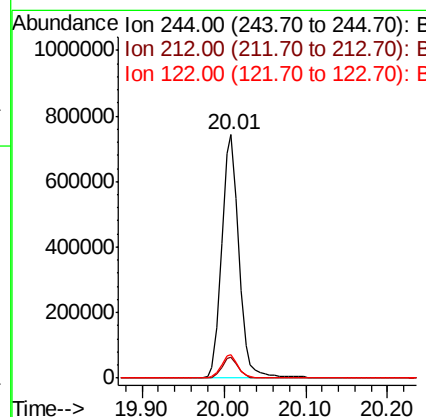
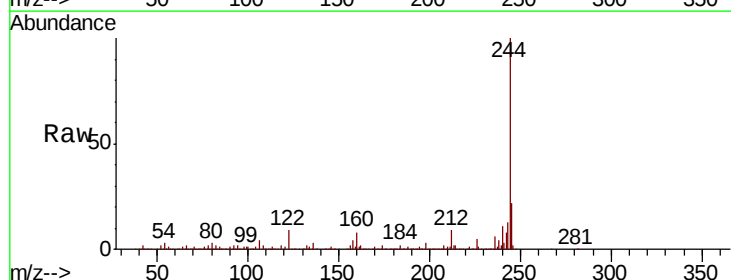
Instrument :
BNA_G
ClientSampleId :
JC-02-100418

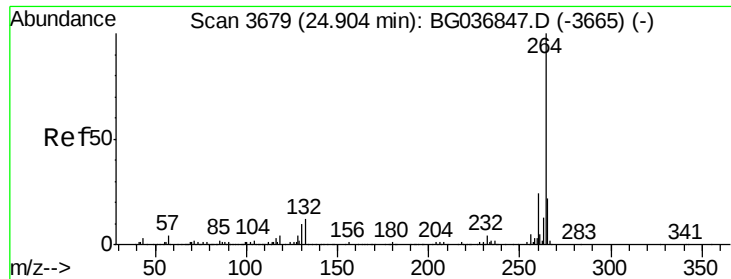
Tgt Ion:184 Resp: 18856
Ion Ratio Lower Upper
184 100
185 16.3 12.6 18.8
183 9.3 10.9 16.3#



#78
Terphenyl-d14
Concen: 96.679 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Tgt Ion:244 Resp: 1092801
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.6
122 9.4 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3671
Delta R.T. -0.05 min
Lab File: BG037199.D
Acq: 5 Oct 2018 21:39

Instrument :
BNA_G
ClientSampleId :
JC-02-100418

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.7	17.4	26.0

