

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092518\
 Data File : BG036968.D
 Acq On : 26 Sep 2018 4:01
 Operator : JU/SJ
 Sample : J4779-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-3A-092418

Quant Time: Sep 26 07:26:18 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

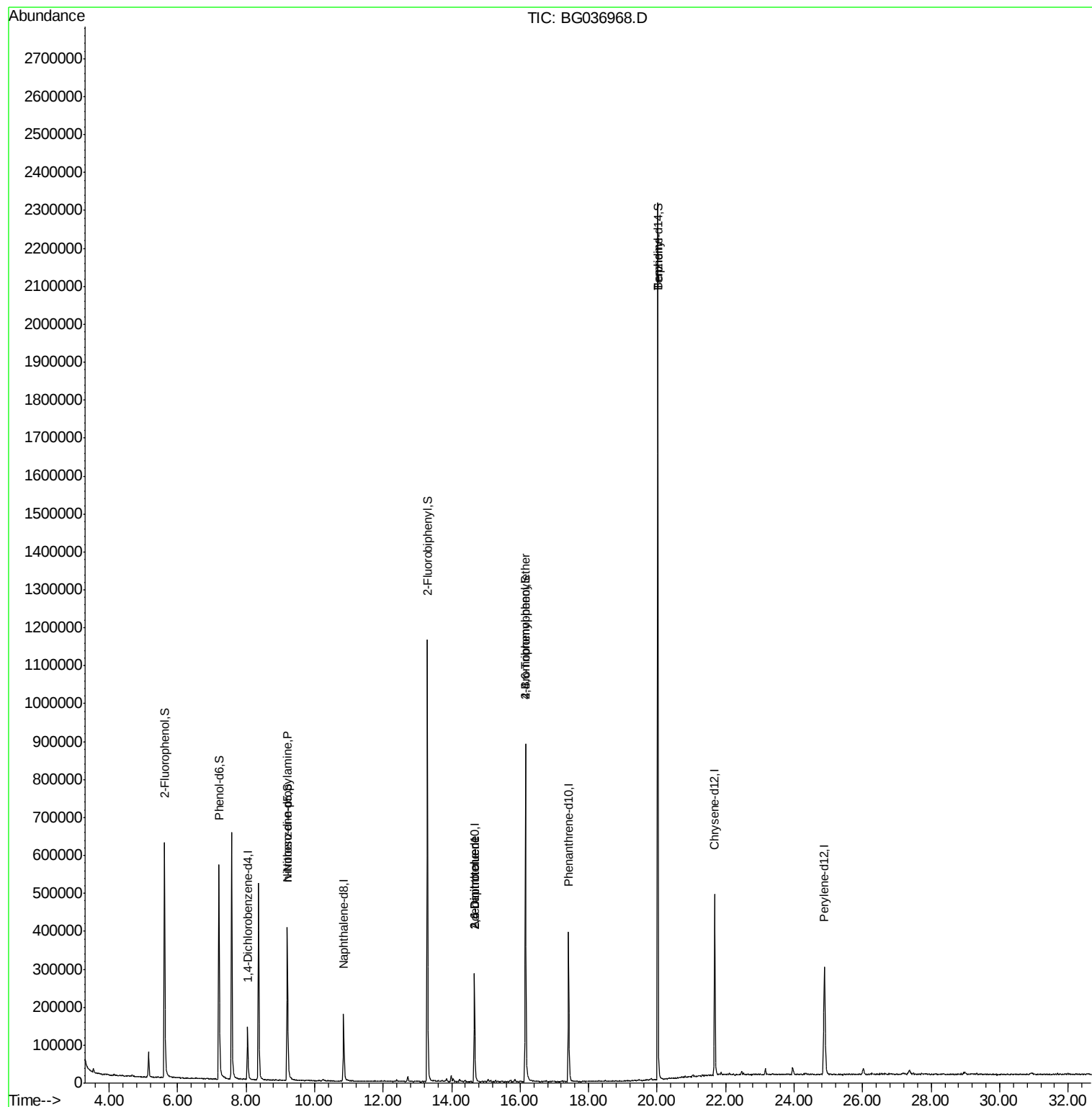
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43917	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	176479	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	108313	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	288896	20.00	ng	0.00
75) Chrysene-d12	21.68	240	319041	20.00	ng	0.00
86) Perylene-d12	24.88	264	309889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	286372	125.05	ng	0.00
7) Phenol-d6	7.20	99	360013	101.61	ng	0.00
23) Nitrobenzene-d5	9.20	82	293949	89.20	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	176685	136.34	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	627373	86.27	ng	0.00
78) Terphenyl-d14	20.02	244	1154876	95.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	39148	13.282	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	14444	7.593	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	14444	5.442	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	12328	3.752	ng	# 1
76) Benzidine	20.02	184	20166	2.091	ng	# 94

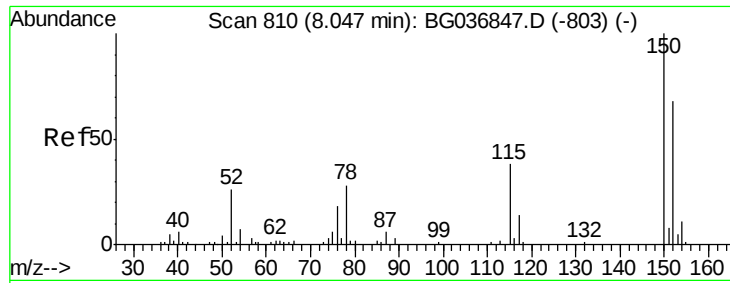
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092518\
Data File : BG036968.D
Acq On : 26 Sep 2018 4:01
Operator : JU/SJ
Sample : J4779-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-3A-092418

Quant Time: Sep 26 07:26:18 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



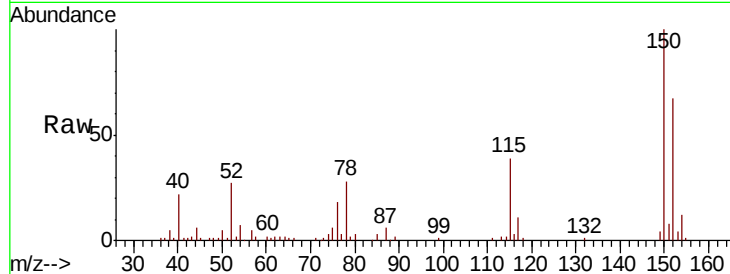


#1

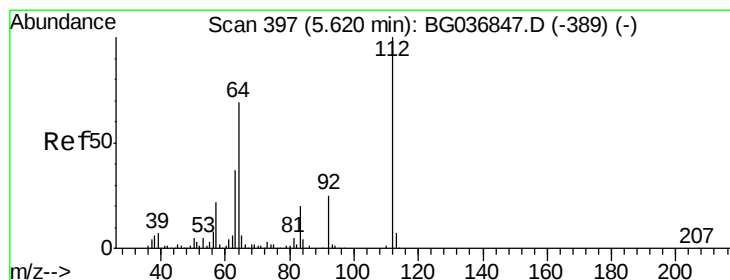
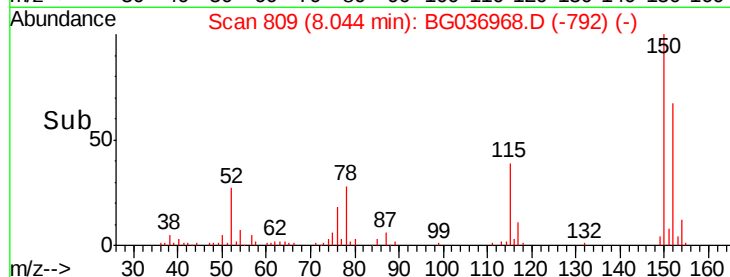
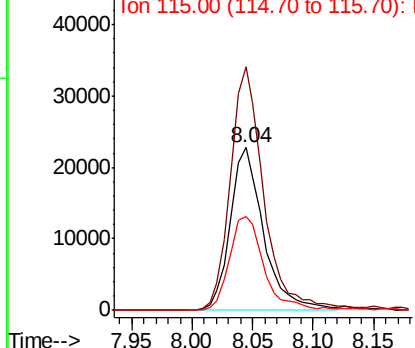
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

Instrument :
 BNA_G
 ClientSampleId :
 SU-3A-092418

Tgt Ion:152 Resp: 43917
 Ion Ratio Lower Upper
 152 100
 150 149.5 119.5 179.3
 115 57.6 44.5 66.7



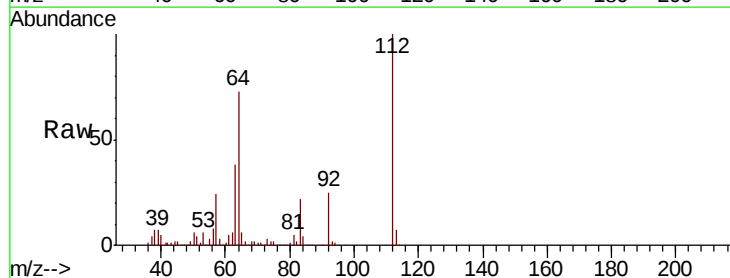
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



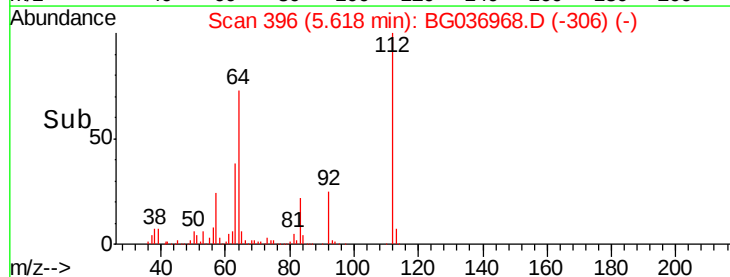
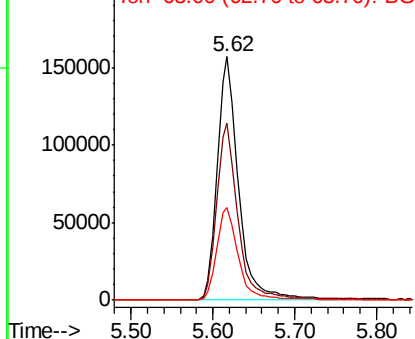
#5

2-Fluorophenol
 Concen: 125.054 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

Tgt Ion:112 Resp: 286372
 Ion Ratio Lower Upper
 112 100
 64 72.6 57.2 85.8
 63 38.3 30.8 46.2



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: 101.612 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036968.D

Acq: 26 Sep 2018 4:01

Instrument :

BNA_G

ClientSampleId :

SU-3A-092418

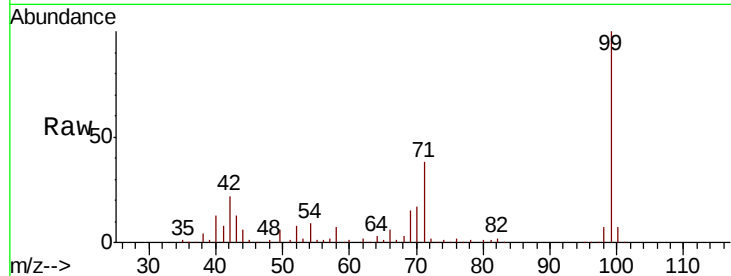
Tgt Ion: 99 Resp: 360013

Ion Ratio Lower Upper

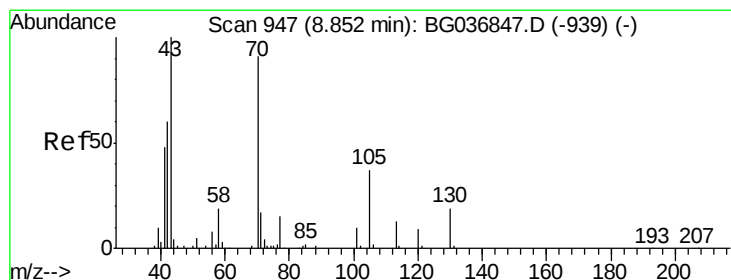
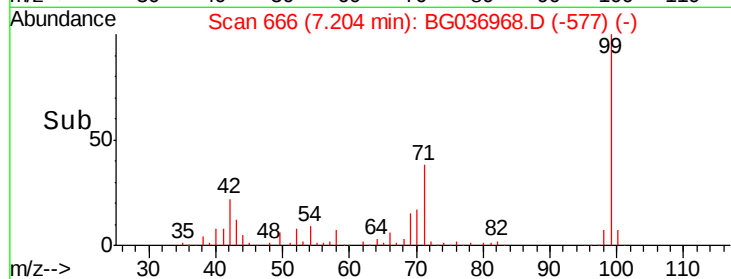
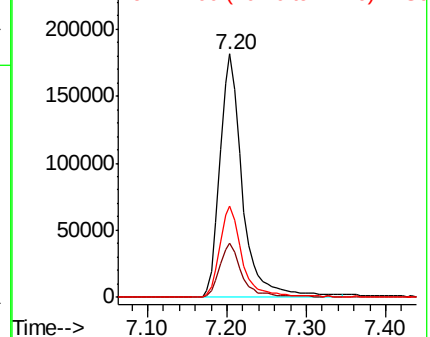
99 100

42 22.1 16.5 24.7

71 37.6 29.4 44.2



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: 13.282 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.36 min

Lab File: BG036968.D

Acq: 26 Sep 2018 4:01

Tgt Ion: 70 Resp: 39148

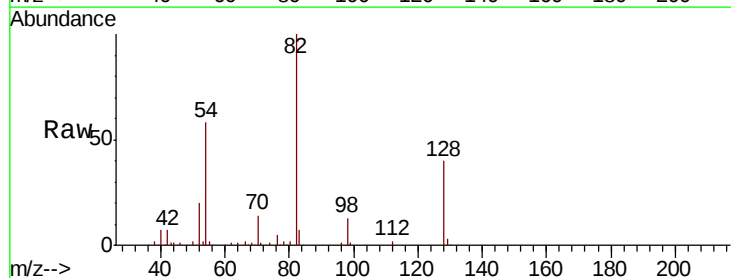
Ion Ratio Lower Upper

70 100

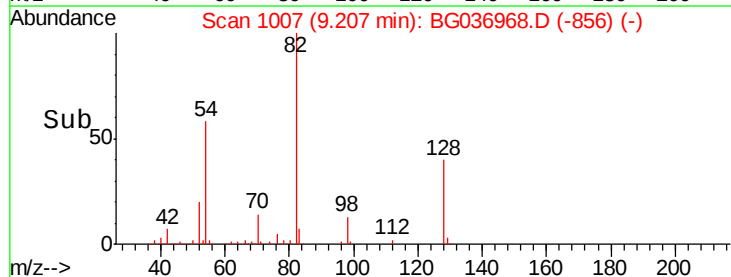
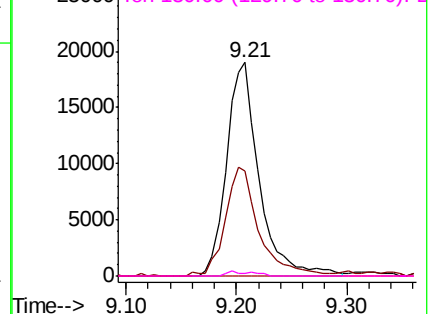
42 48.9 56.2 84.4#

101 0.0 7.8 11.6#

130 0.9 16.2 24.2#



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

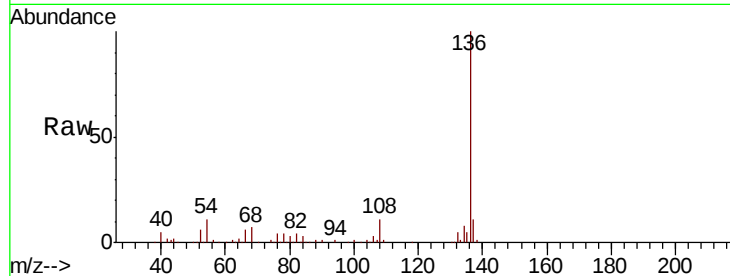




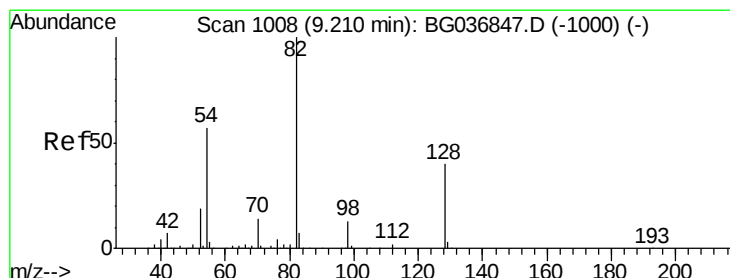
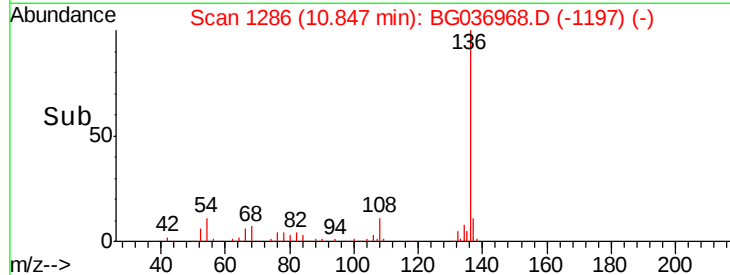
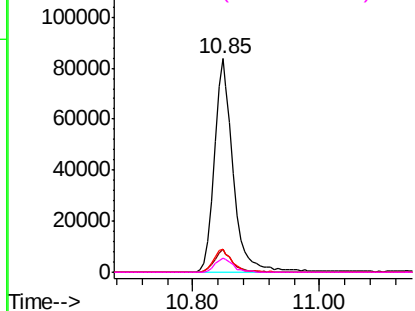
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036968.D
Acq: 26 Sep 2018 4:01

Instrument :
BNA_G
ClientSampleId :
SU-3A-092418

Tgt Ion:	136	Resp:	176479
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.1	9.2	13.8
68	6.9	5.8	8.6

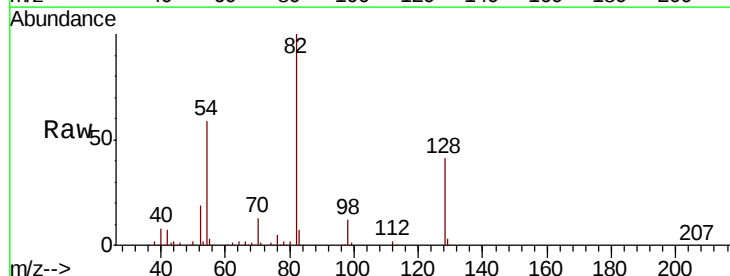


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

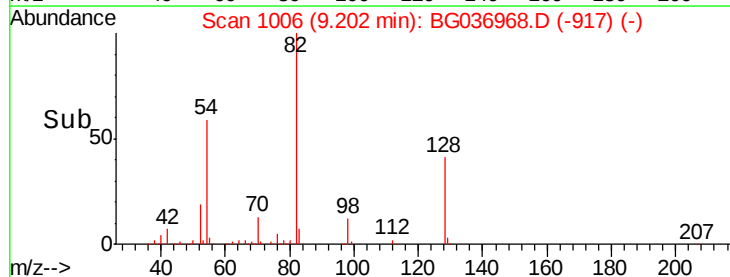
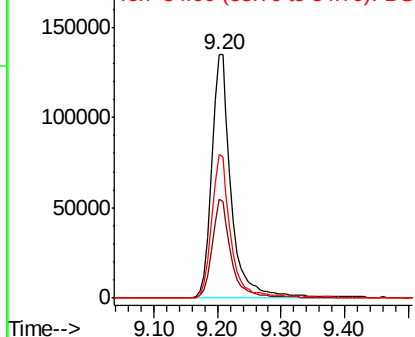


#23
Nitrobenzene-d5
Concen: 89.196 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG036968.D
Acq: 26 Sep 2018 4:01

Tgt Ion:	82	Resp:	293949
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.3	49.9
54	58.9	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: 14.67 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG036968.D

Acq: 26 Sep 2018 4:01

Instrument :

BNA_G

ClientSampleId :

SU-3A-092418

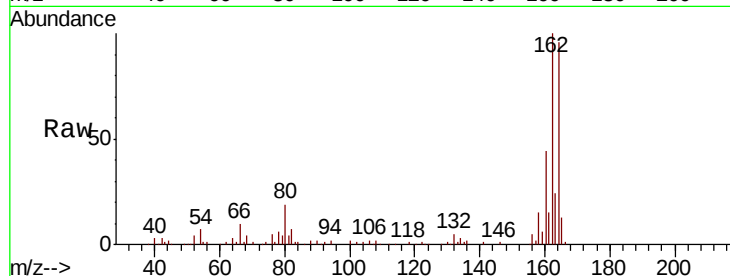
Tgt Ion:164 Resp: 108313

Ion Ratio Lower Upper

164 100

162 104.6 80.7 121.1

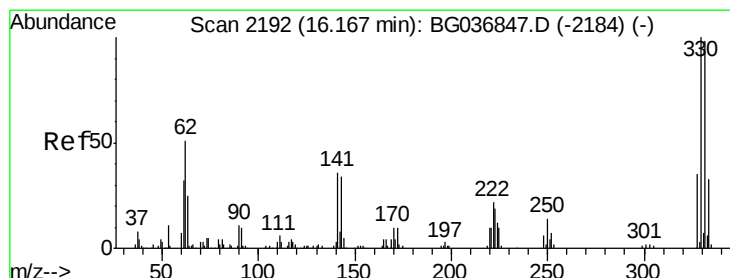
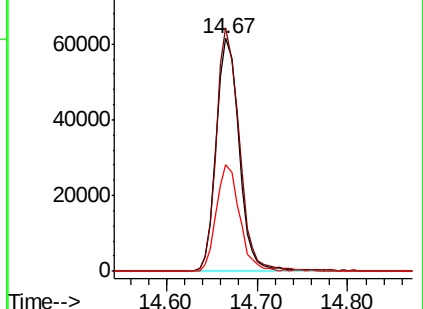
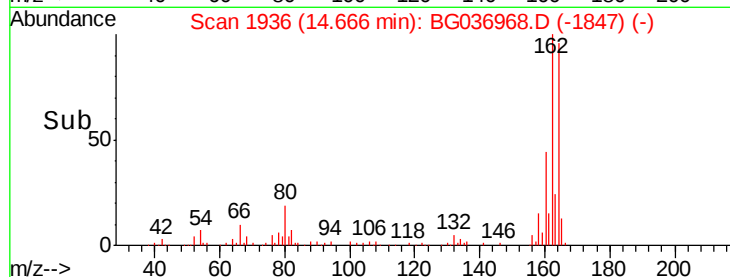
160 46.0 35.3 52.9



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: 136.342 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036968.D

Acq: 26 Sep 2018 4:01

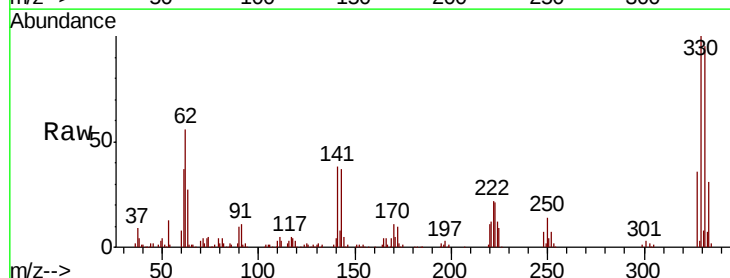
Tgt Ion:330 Resp: 176685

Ion Ratio Lower Upper

330 100

332 96.2 75.4 113.2

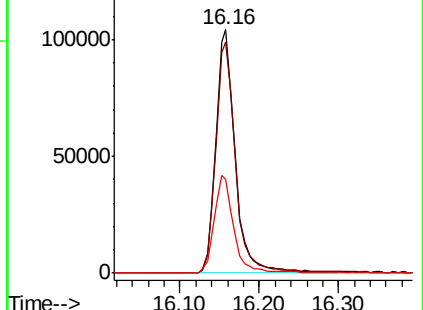
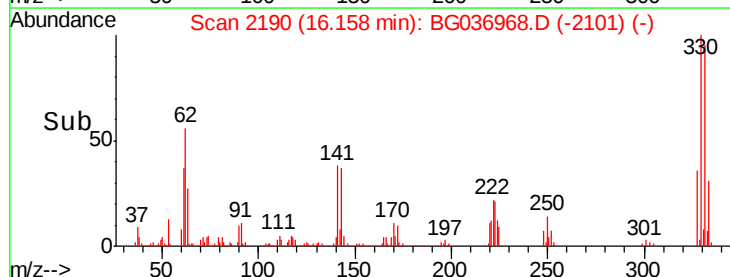
141 40.4 30.7 46.1

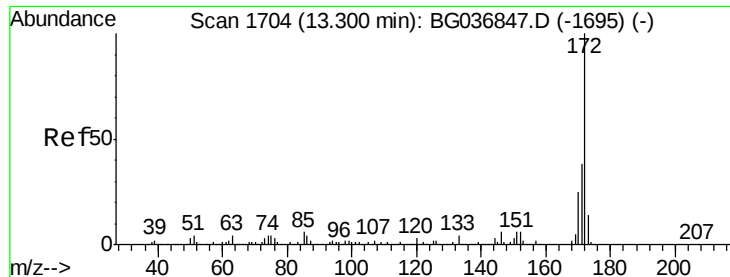


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

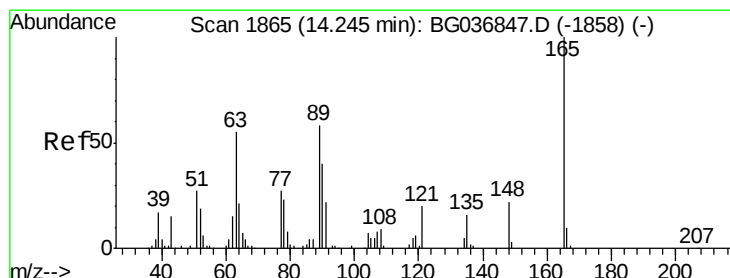
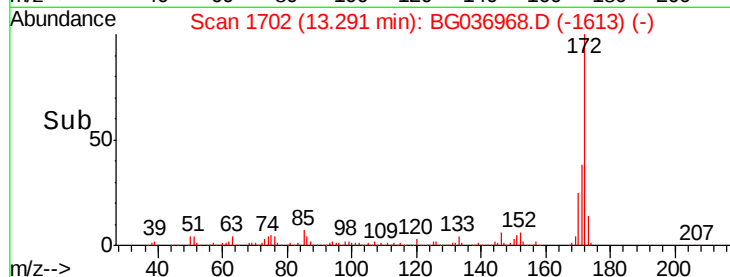
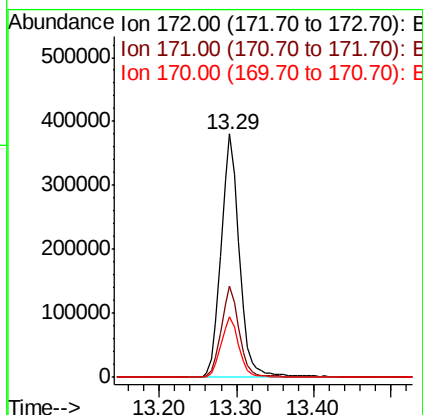
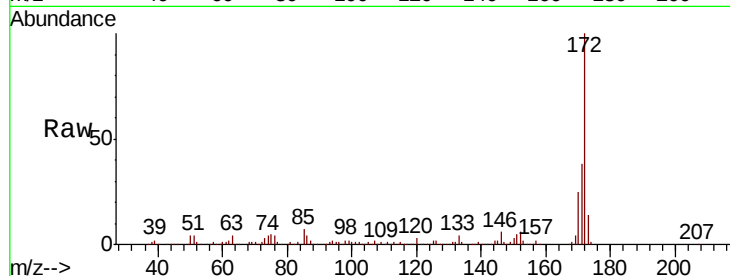




#44
 2-Fluorobiphenyl
 Concen: 86.269 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

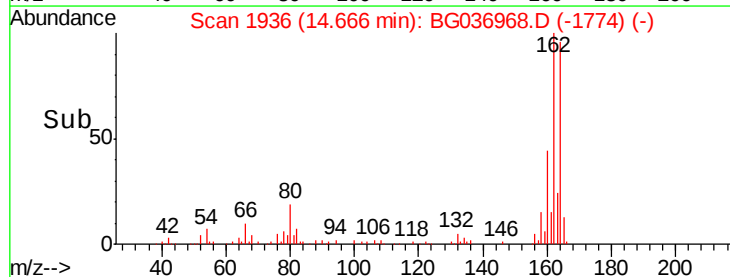
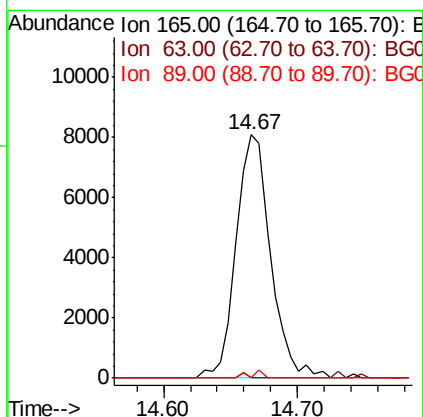
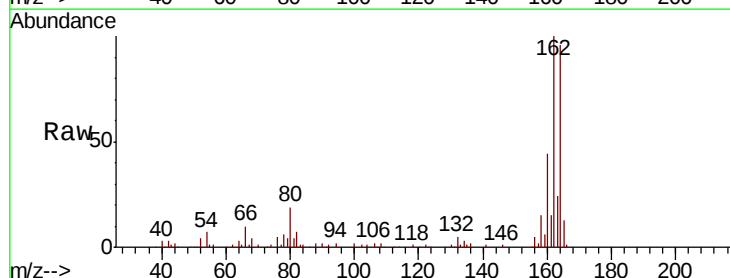
Instrument :
 BNA_G
 ClientSampleId :
 SU-3A-092418

Tgt Ion:172 Resp: 627373
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 24.8 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.593 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

Tgt Ion:165 Resp: 14444
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 0.0 47.8 71.6#

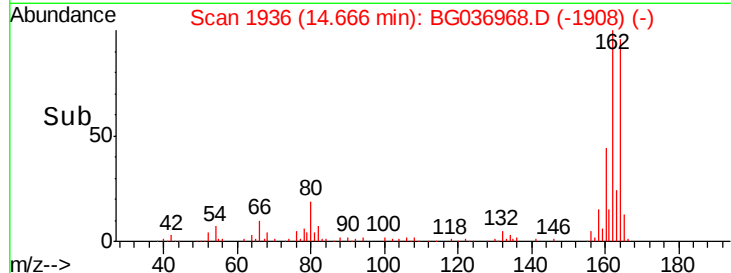
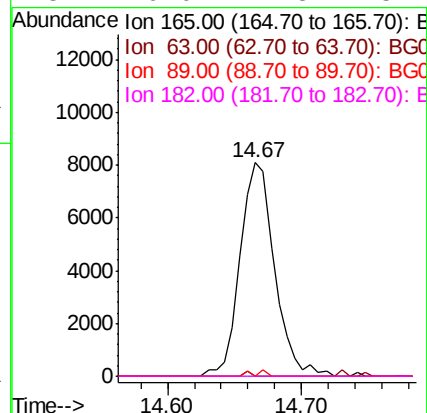
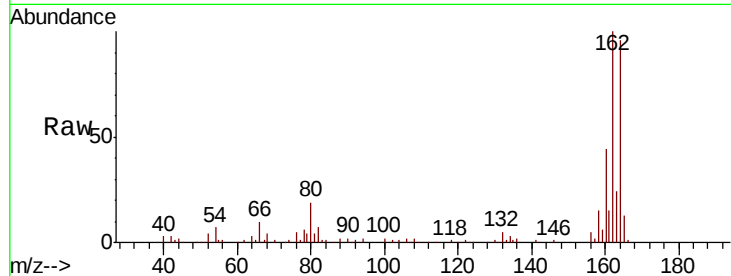




#56
 2,4-Dinitrotoluene
 Concen: 5.442 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

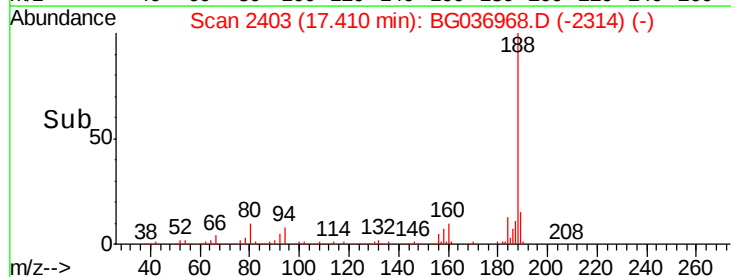
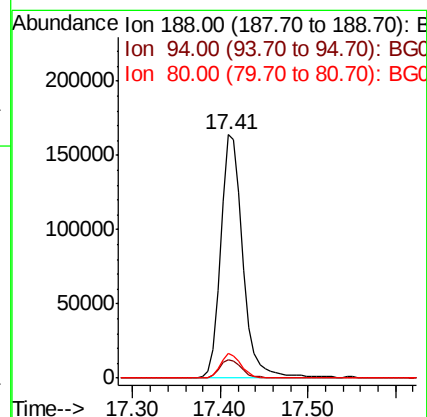
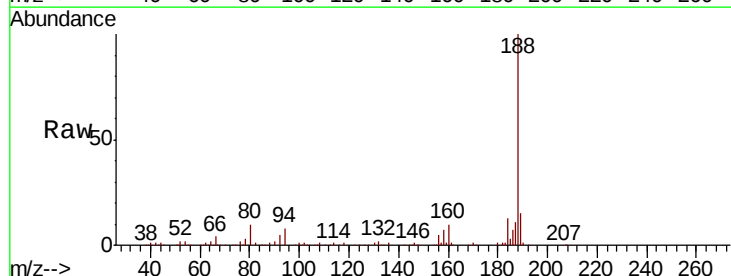
Instrument :
 BNA_G
 ClientSampleId :
 SU-3A-092418

Tgt Ion:	165	Resp:	14444
Ion Ratio	Lower	Upper	
165	100		
63	0.0	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

Tgt Ion:	188	Resp:	288896
Ion Ratio	Lower	Upper	
188	100		
94	7.6	6.7	10.1
80	10.1	8.1	12.1

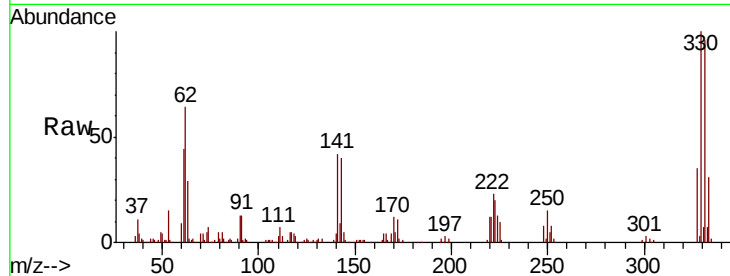




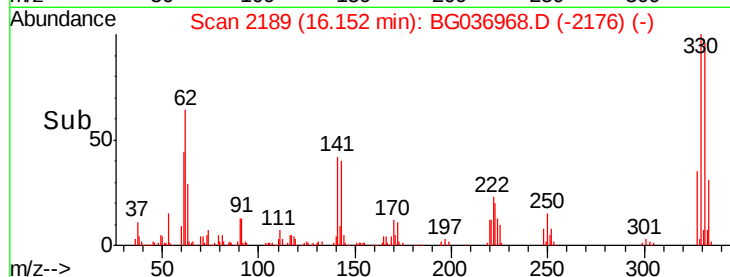
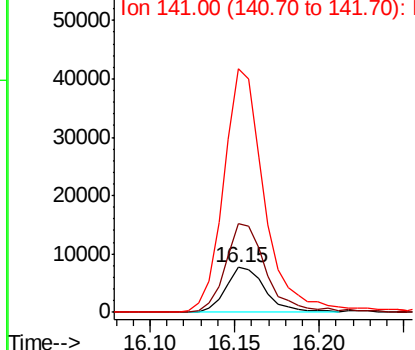
#66
 4-Bromophenyl-phenylether
 Concen: 3.752 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

Instrument :
 BNA_G
 ClientSampleId :
 SU-3A-092418

Tgt Ion:248 Resp: 12328
 Ion Ratio Lower Upper
 248 100
 250 199.5 78.1 117.1#
 141 545.1 53.7 80.5#

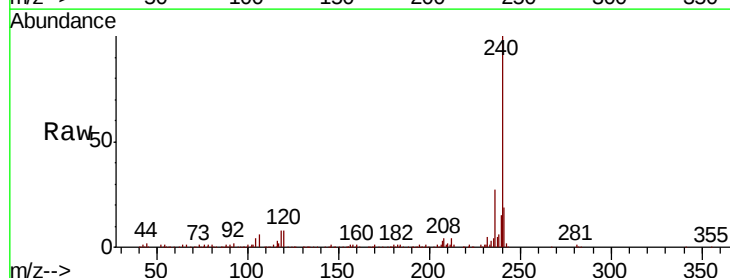


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

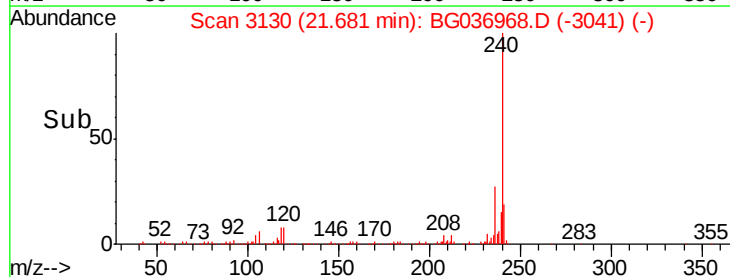
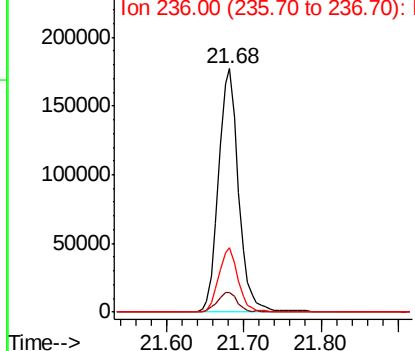


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036968.D
 Acq: 26 Sep 2018 4:01

Tgt Ion:240 Resp: 319041
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.9 10.3
 236 26.5 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

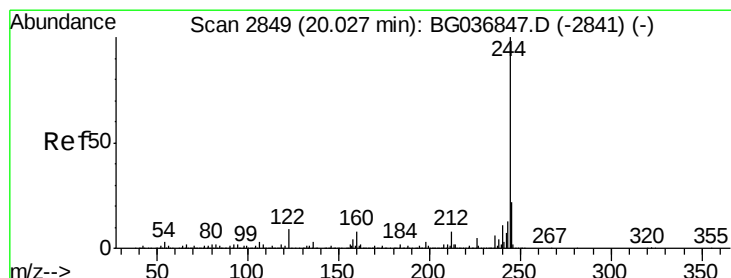
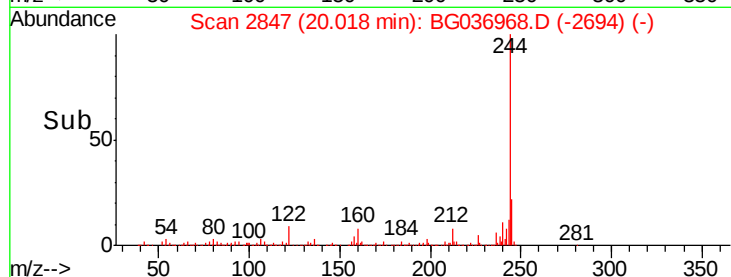
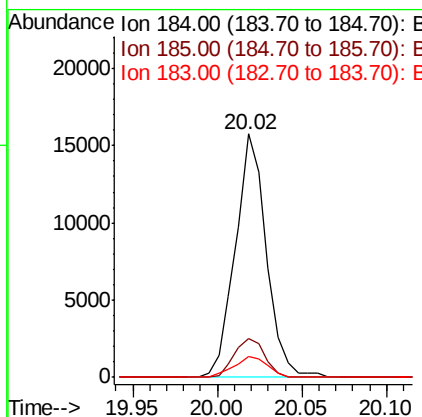
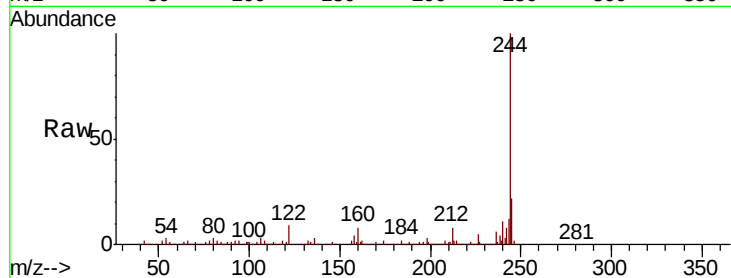




#76
Benzidine
Concen: 2.091 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.37 min
Lab File: BG036968.D
Acq: 26 Sep 2018 4:01

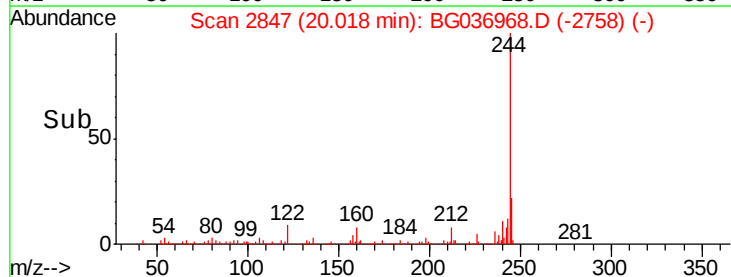
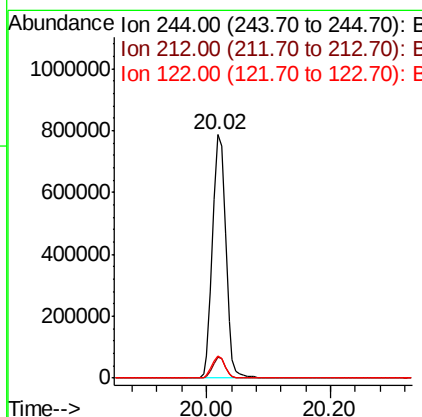
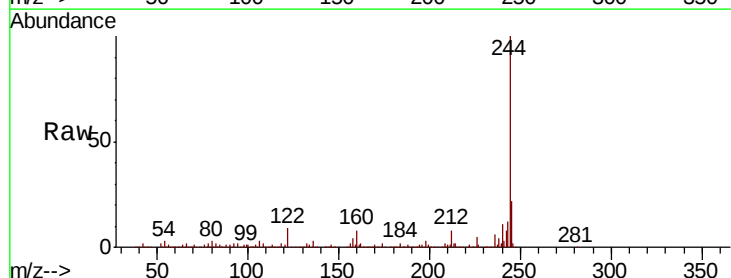
Instrument :
BNA_G
ClientSampleId :
SU-3A-092418

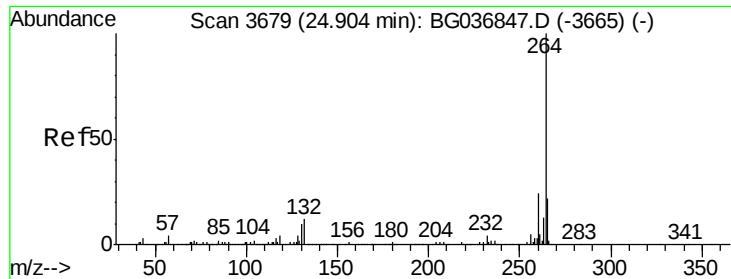
Tgt Ion:184 Resp: 20166
Ion Ratio Lower Upper
184 100
185 15.7 12.6 18.8
183 8.5 10.9 16.3#



#78
Terphenyl-d14
Concen: 95.183 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG036968.D
Acq: 26 Sep 2018 4:01

Tgt Ion:244 Resp: 1154876
Ion Ratio Lower Upper
244 100
212 8.4 7.0 10.6
122 9.2 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036968.D
Acq: 26 Sep 2018 4:01

Instrument :
BNA_G
ClientSampleId :
SU-3A-092418

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.7	17.4	26.0

