

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092518\
 Data File : BG036970.D
 Acq On : 26 Sep 2018 5:18
 Operator : JU/SJ
 Sample : J5055-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

Quant Time: Sep 26 07:26:39 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

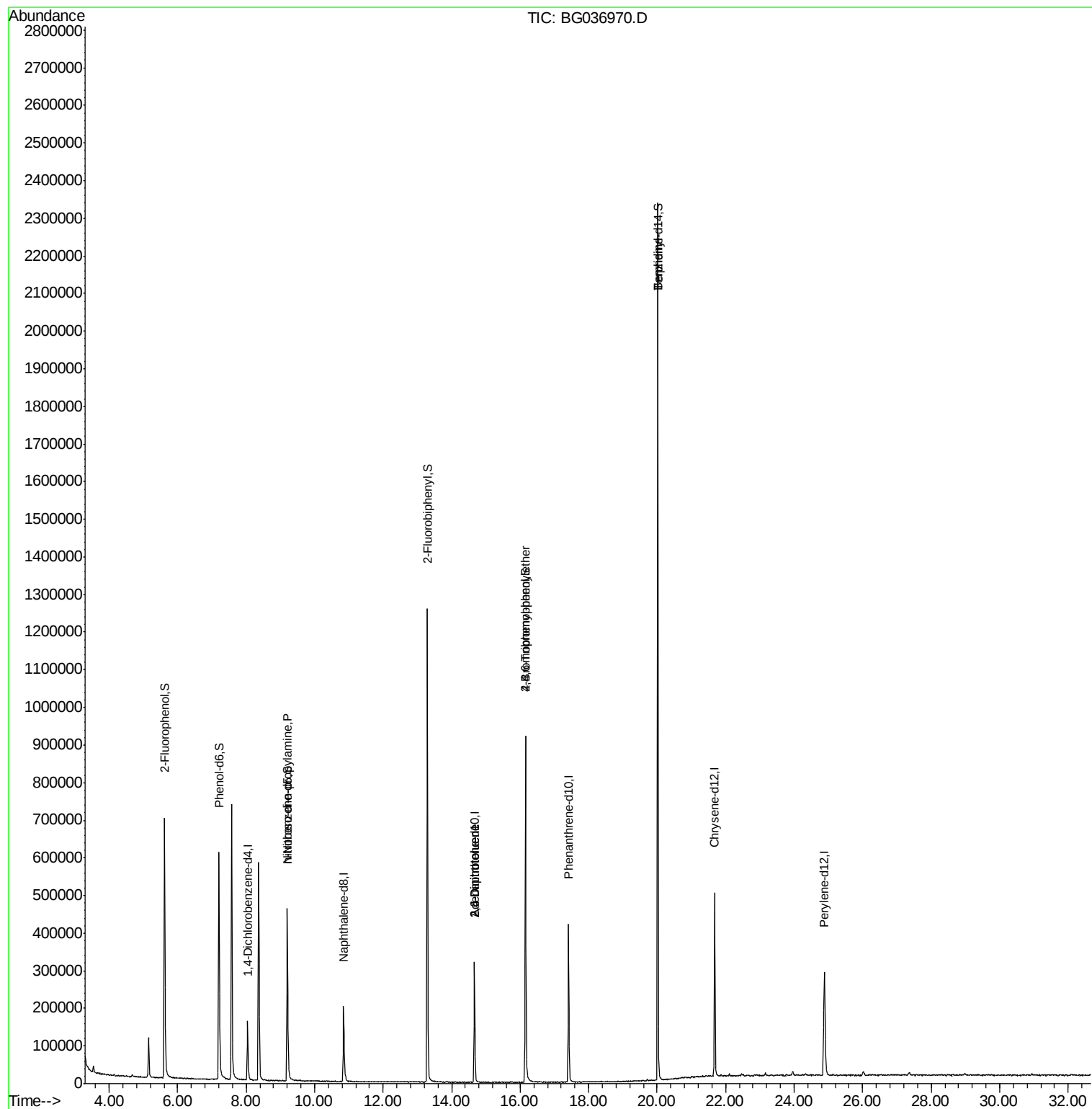
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49342	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	191112	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	121804	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	300005	20.00	ng	0.00
75) Chrysene-d12	21.68	240	318761	20.00	ng	-0.01
86) Perylene-d12	24.88	264	308483	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	313782	121.96	ng	0.00
7) Phenol-d6	7.20	99	392501	98.60	ng	0.00
23) Nitrobenzene-d5	9.20	82	327520	91.77	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	184931	126.90	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	703000	85.96	ng	0.00
78) Terphenyl-d14	20.02	244	1143870	94.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	44817	13.534	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	15423	7.210	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	15423	5.167	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	13314	3.902	ng	# 1
76) Benzidine	20.02	184	19274	2.000	ng	# 92

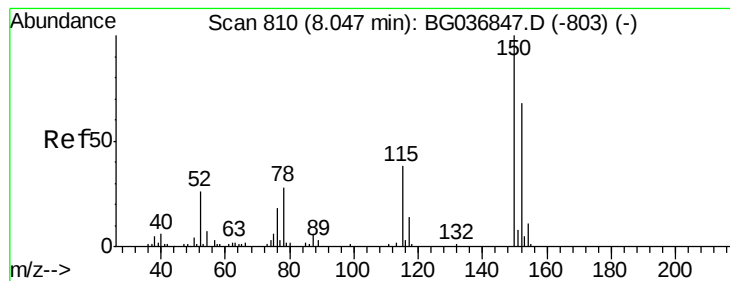
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092518\
Data File : BG036970.D
Acq On : 26 Sep 2018 5:18
Operator : JU/SJ
Sample : J5055-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-B

Quant Time: Sep 26 07:26:39 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: BG036970.D

Acq: 26 Sep 2018 5:18

Instrument :

BNA_G

ClientSampleId :

TP-B

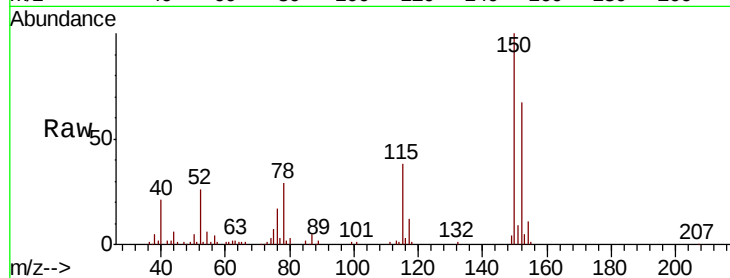
Tgt Ion:152 Resp: 49342

Ion Ratio Lower Upper

152 100

150 150.2 119.5 179.3

115 56.7 44.5 66.7

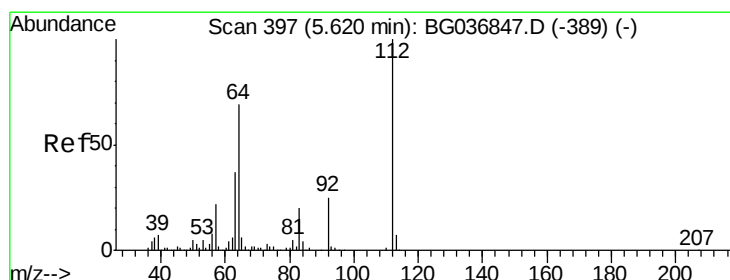
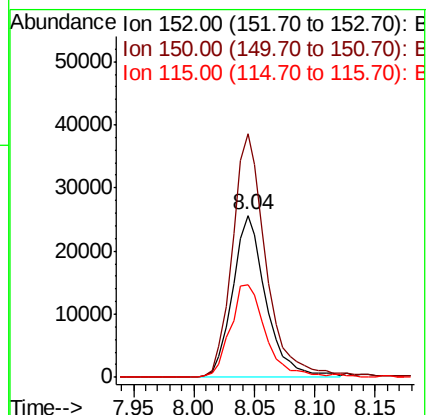
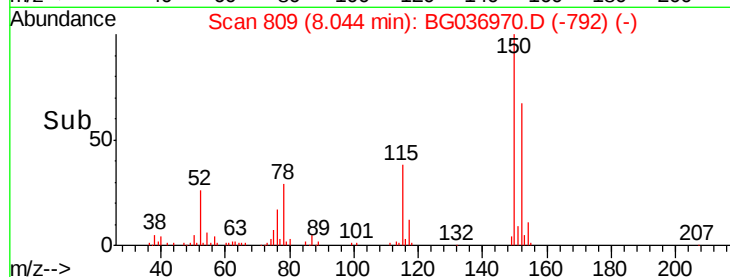


Abundance

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: 121.958 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036970.D

Acq: 26 Sep 2018 5:18

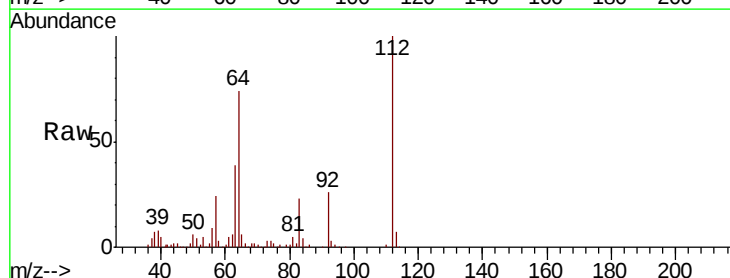
Tgt Ion:112 Resp: 313782

Ion Ratio Lower Upper

112 100

64 73.5 57.2 85.8

63 39.2 30.8 46.2

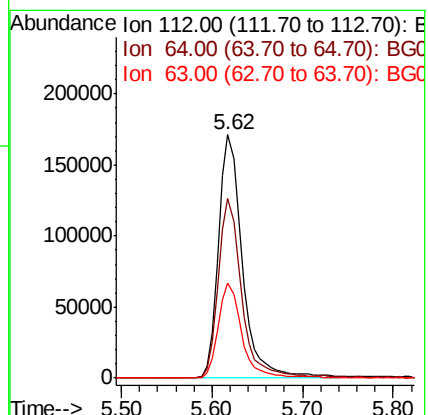
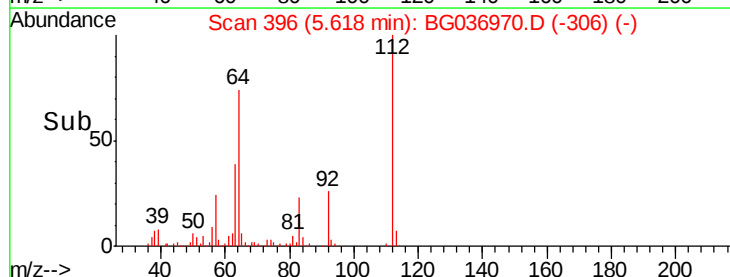


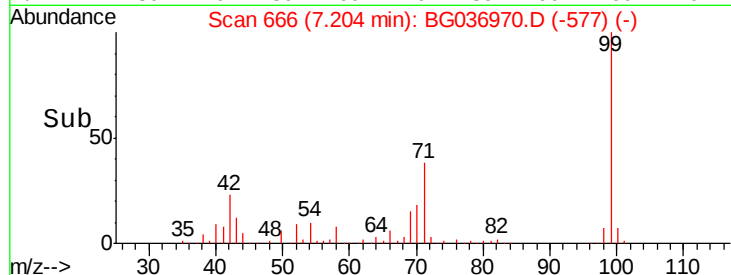
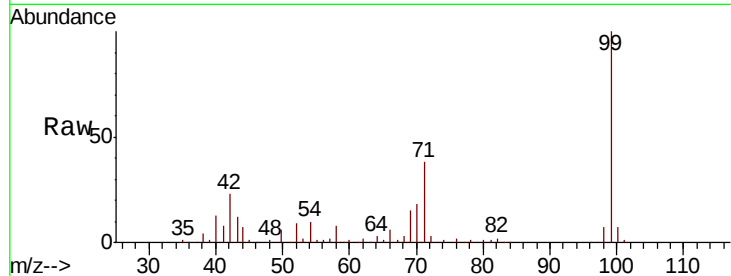
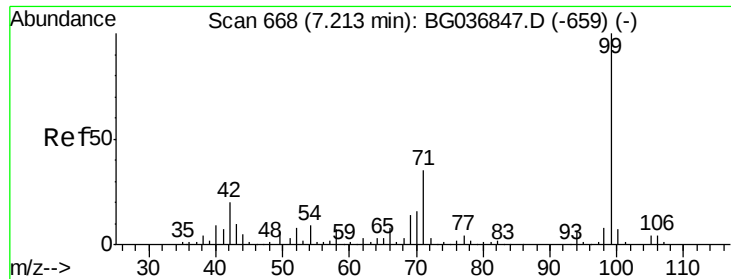
Abundance

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: 98.602 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036970.D

Acq: 26 Sep 2018 5:18

Instrument :

BNA_G

ClientSampled :

TP-B

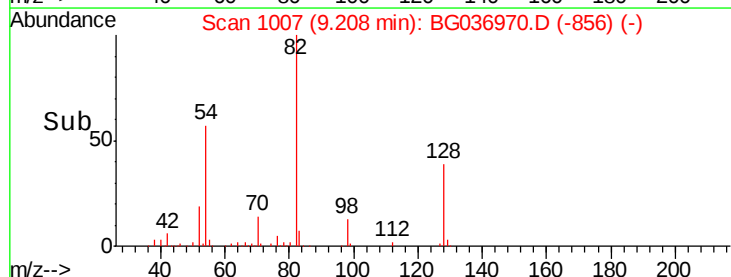
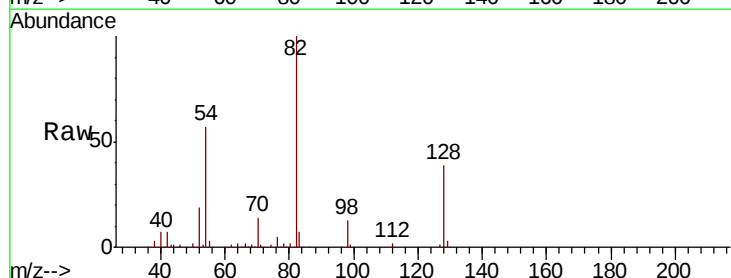
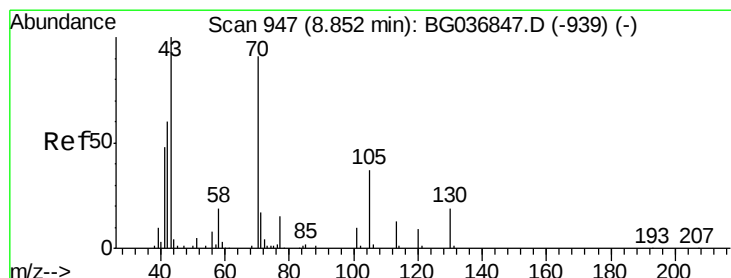
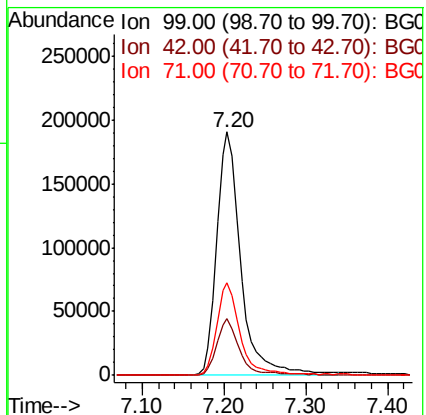
Tgt Ion: 99 Resp: 392501

Ion Ratio Lower Upper

99 100

42 23.2 16.5 24.7

71 38.1 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.534 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.36 min

Lab File: BG036970.D

Acq: 26 Sep 2018 5:18

Tgt Ion: 70 Resp: 44817

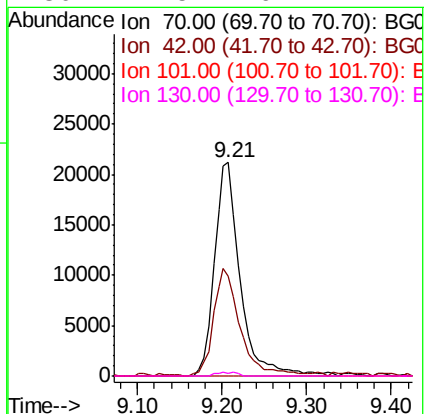
Ion Ratio Lower Upper

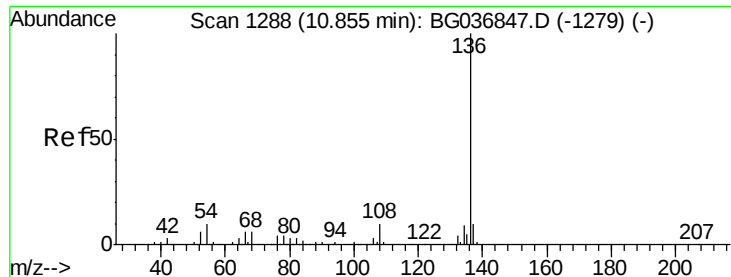
70 100

42 46.9 56.2 84.4#

101 0.0 7.8 11.6#

130 1.5 16.2 24.2#

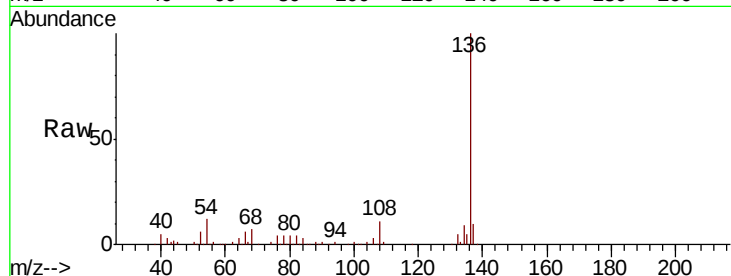




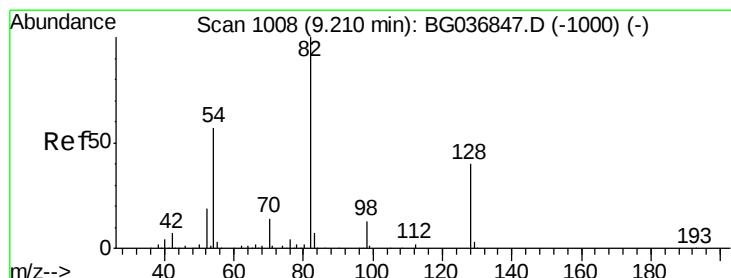
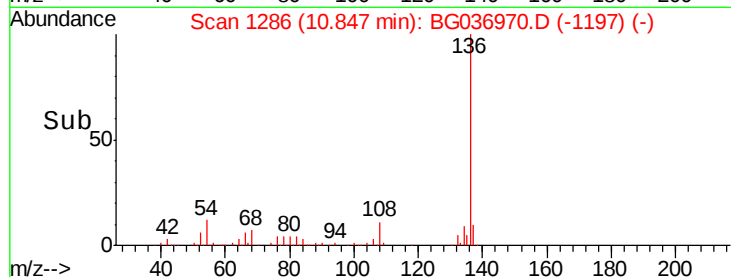
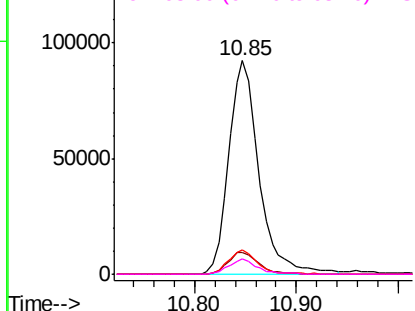
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG036970.D
Acq: 26 Sep 2018 5:18

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion:	136	Resp:	191112
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	11.7	9.2	13.8
68	7.2	5.8	8.6

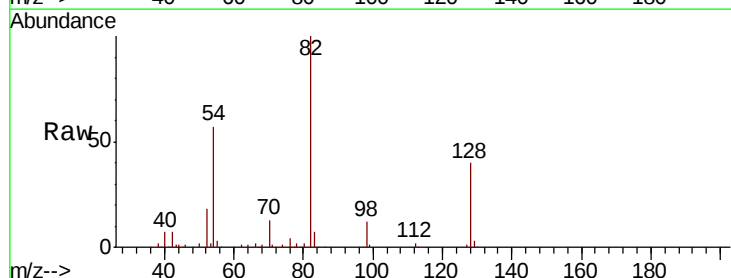


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

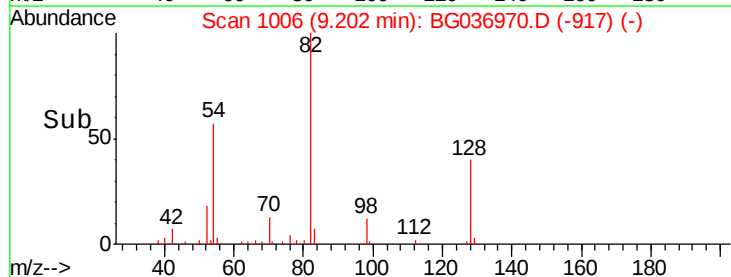
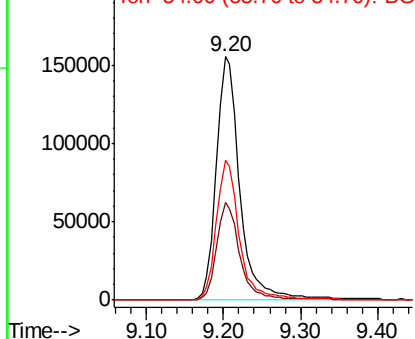


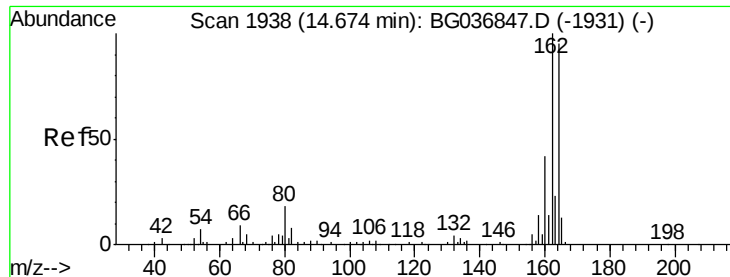
#23
Nitrobenzene-d5
Concen: 91.774 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG036970.D
Acq: 26 Sep 2018 5:18

Tgt Ion:	82	Resp:	327520
Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.3	49.9
54	57.4	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: BG036970.D

Acq: 26 Sep 2018 5:18

Instrument :

BNA_G

ClientSampleId :

TP-B

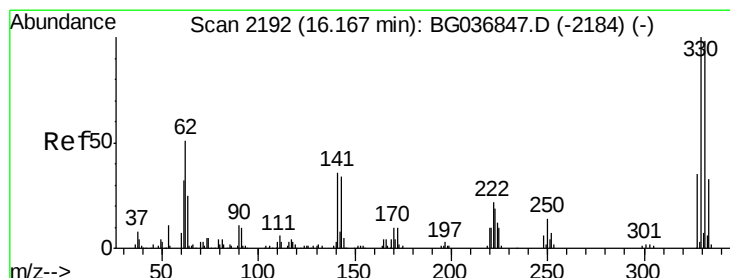
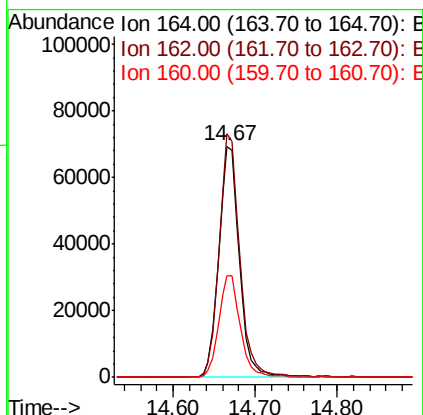
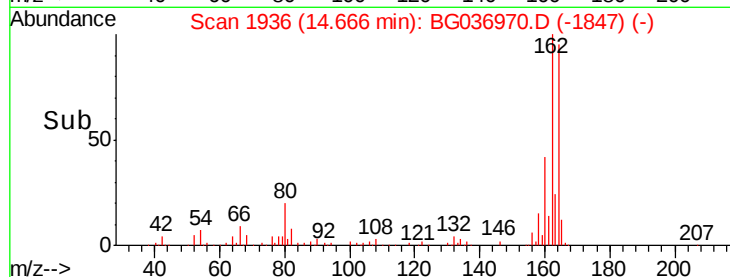
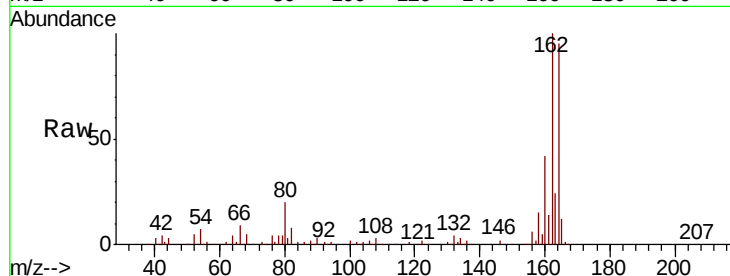
Tgt Ion:164 Resp: 121804

Ion Ratio Lower Upper

164 100

162 105.5 80.7 121.1

160 43.9 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 126.899 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036970.D

Acq: 26 Sep 2018 5:18

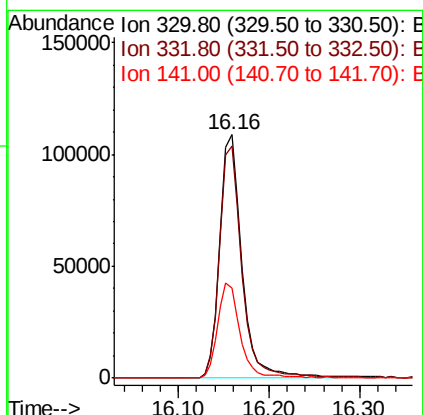
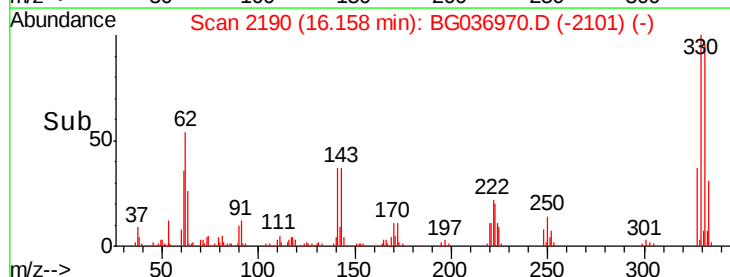
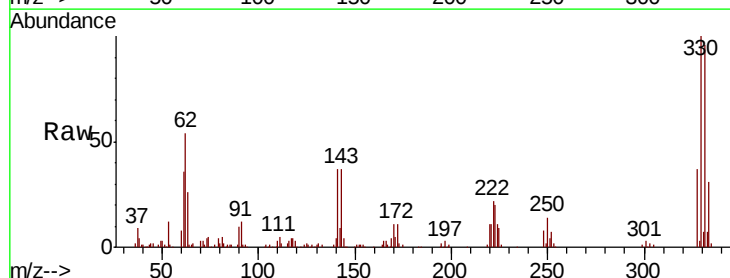
Tgt Ion:330 Resp: 184931

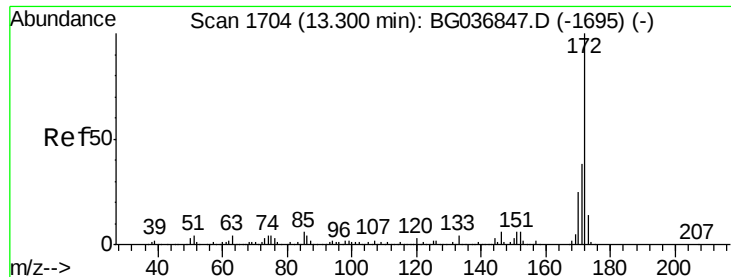
Ion Ratio Lower Upper

330 100

332 95.7 75.4 113.2

141 39.6 30.7 46.1

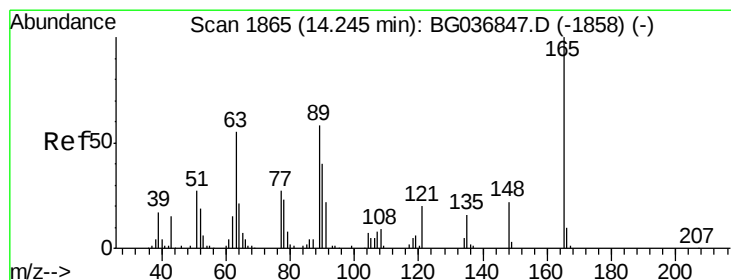
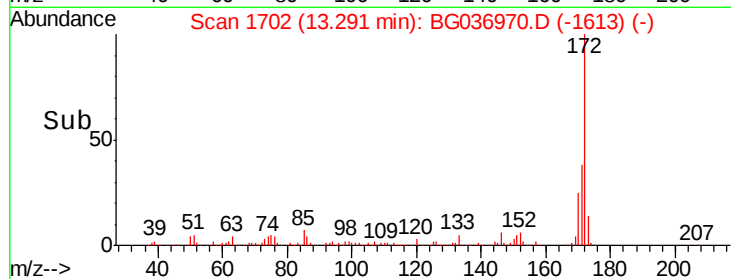
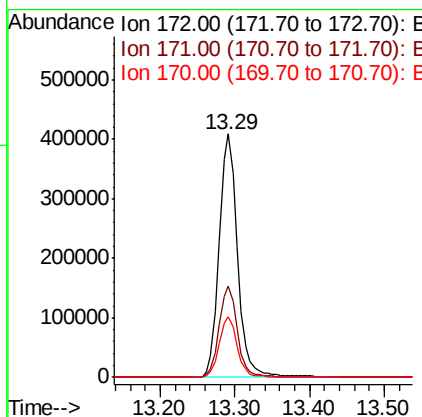
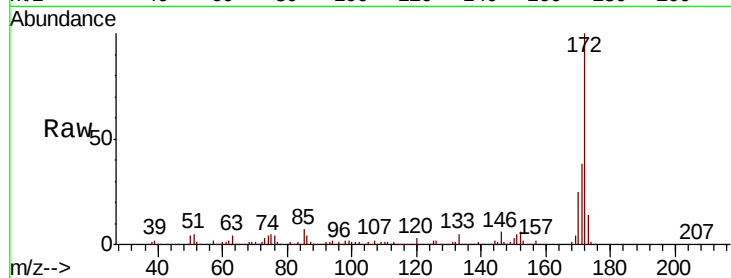




#44
 2-Fluorobiphenyl
 Concen: 85.961 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036970.D
 Acq: 26 Sep 2018 5:18

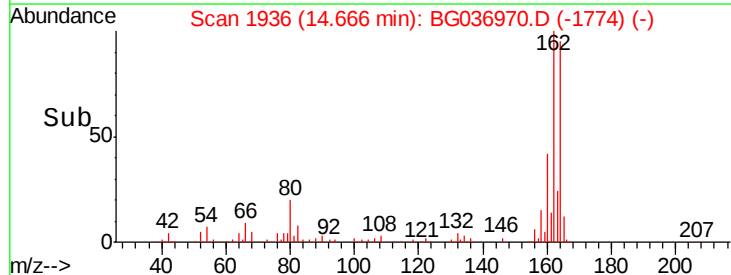
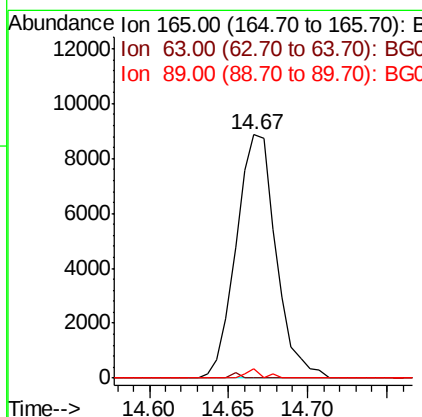
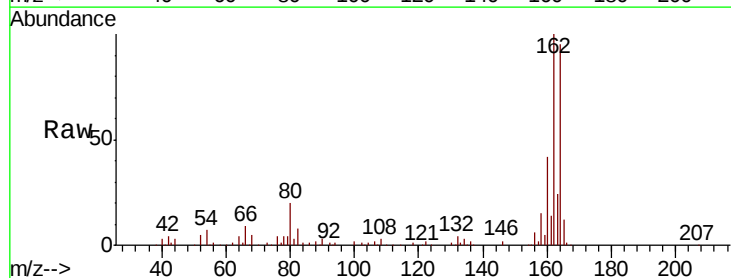
Instrument :
 BNA_G
 ClientSampled :
 TP-B

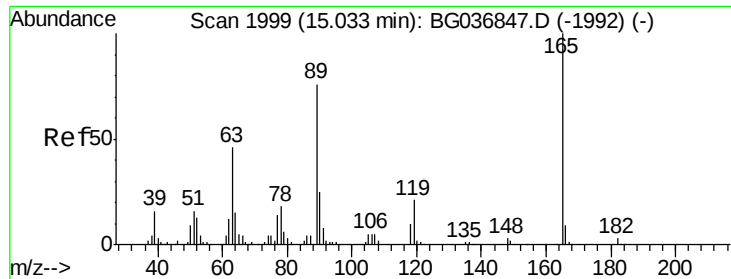
Tgt Ion:172 Resp: 703000
 Ion Ratio Lower Upper
 172 100
 171 37.5 31.3 46.9
 170 25.0 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.210 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG036970.D
 Acq: 26 Sep 2018 5:18

Tgt Ion:165 Resp: 15423
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 3.7 47.8 71.6#

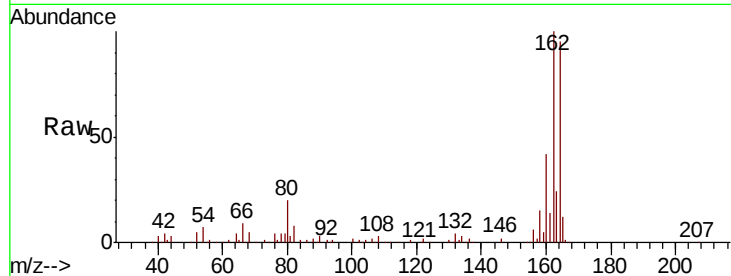




#56
 2,4-Dinitrotoluene
 Concen: 5.167 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG036970.D
 Acq: 26 Sep 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-B

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

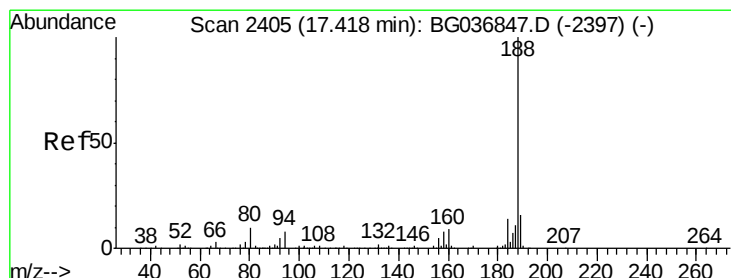
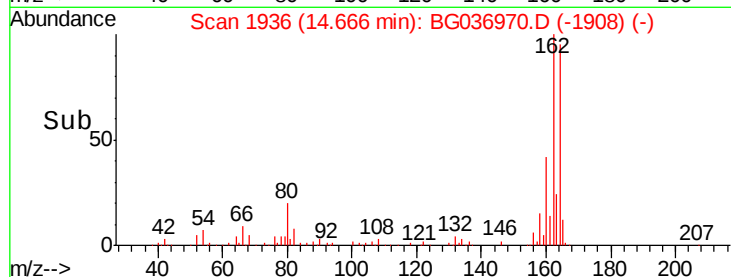
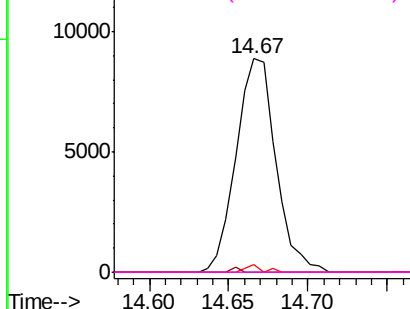


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

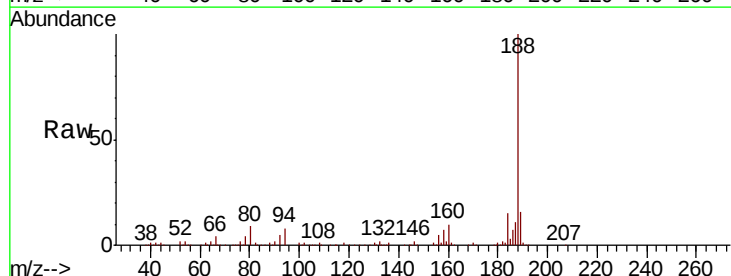
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG036970.D
 Acq: 26 Sep 2018 5:18

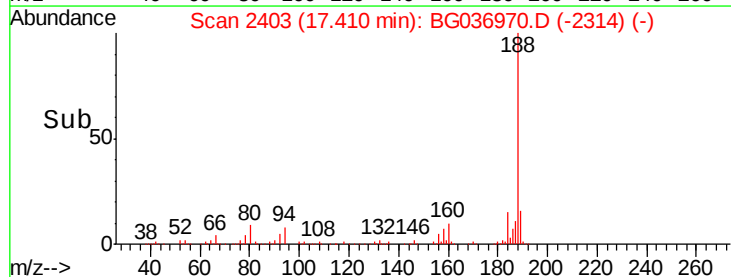
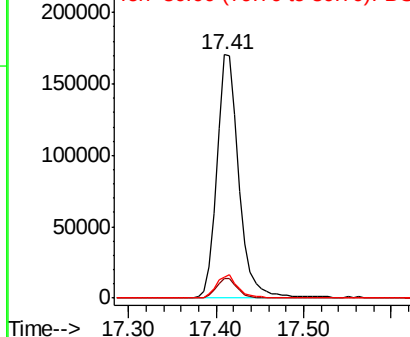
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	8.8	8.1	12.1

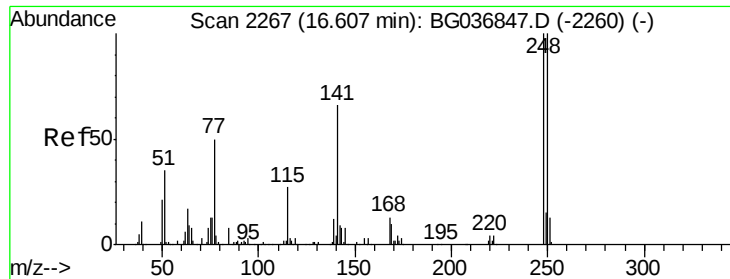


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

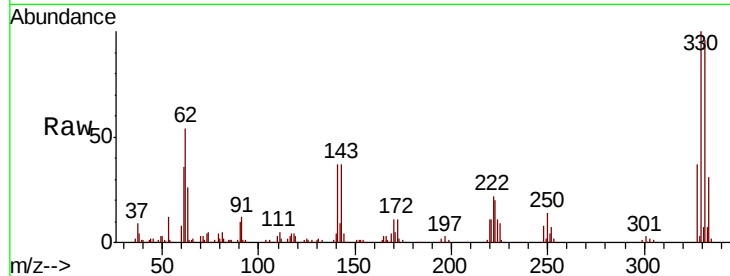




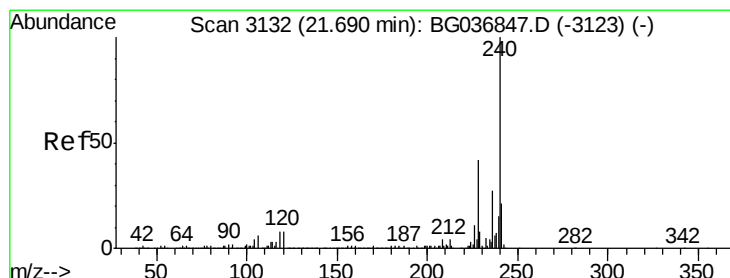
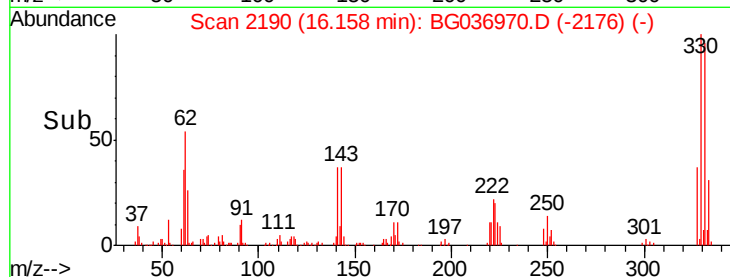
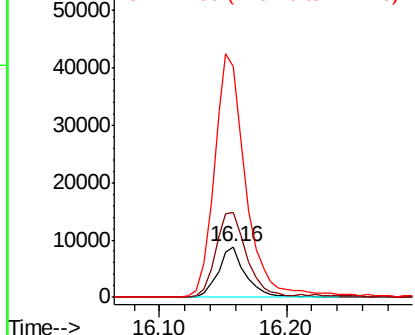
#66
 4-Bromophenyl-phenylether
 Concen: 3.902 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036970.D
 Acq: 26 Sep 2018 5:18

Instrument :
 BNA_G
 ClientSampled :
 TP-B

Tgt Ion:248 Resp: 13314
 Ion Ratio Lower Upper
 248 100
 250 168.2 78.1 117.1#
 141 454.3 53.7 80.5#

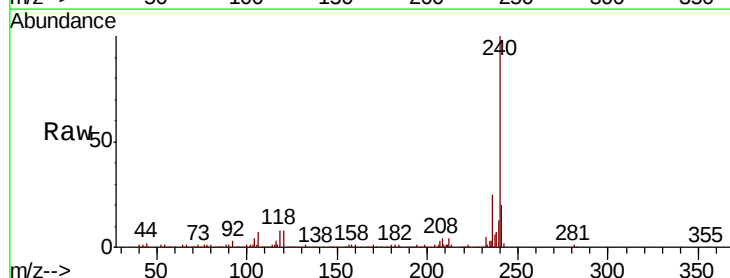


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

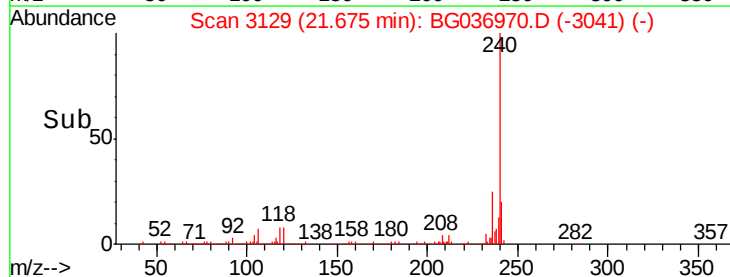
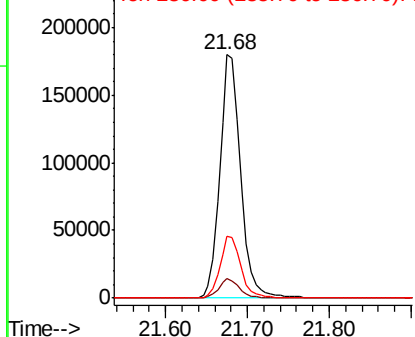


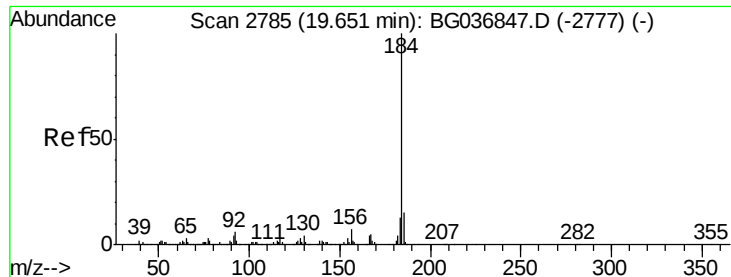
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BG036970.D
 Acq: 26 Sep 2018 5:18

Tgt Ion:240 Resp: 318761
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.9 10.3
 236 25.2 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: 2.000 ng

RT: 20.02 min Scan# 2847

Delta R.T. 0.37 min

Lab File: BG036970.D

Acq: 26 Sep 2018 5:18

Instrument :

BNA_G

ClientSampleId :

TP-B

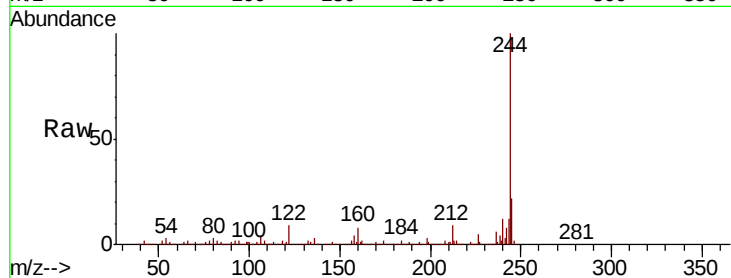
Tgt Ion:184 Resp: 19274

Ion Ratio Lower Upper

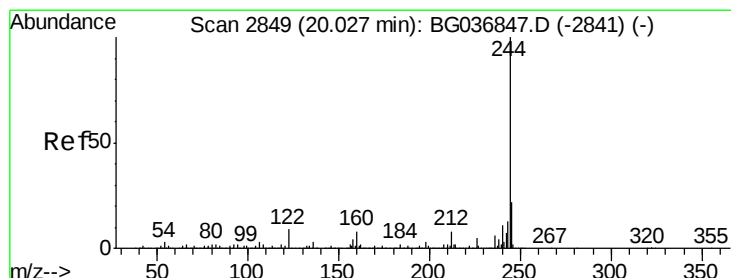
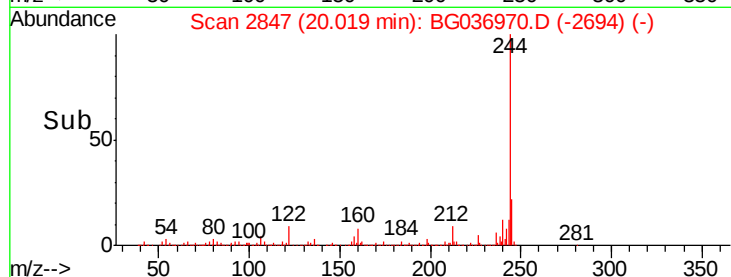
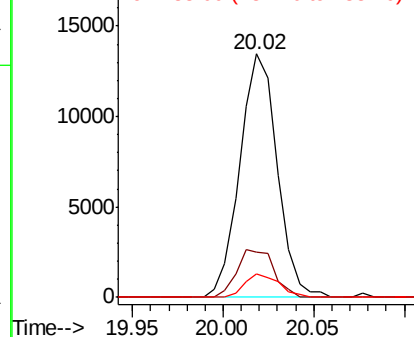
184 100

185 18.8 12.6 18.8

183 9.8 10.9 16.3#



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



#78

Terphenyl-d14

Concen: 94.359 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG036970.D

Acq: 26 Sep 2018 5:18

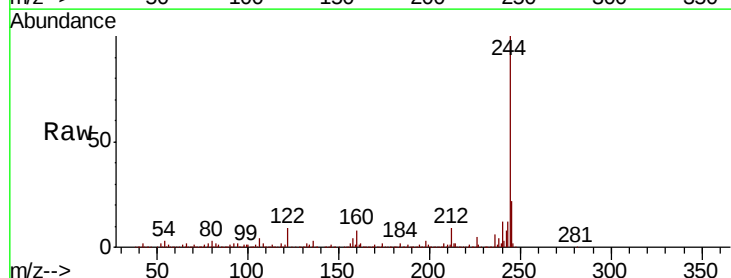
Tgt Ion:244 Resp: 1143870

Ion Ratio Lower Upper

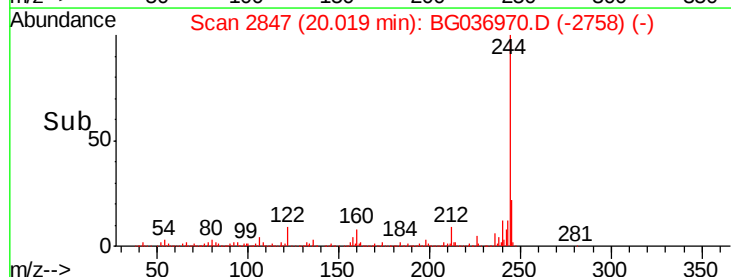
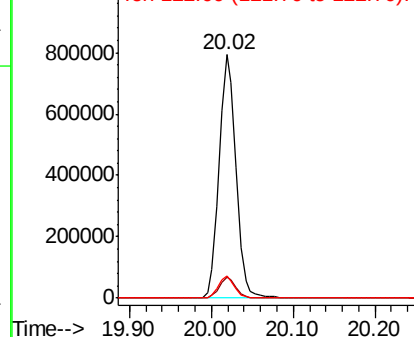
244 100

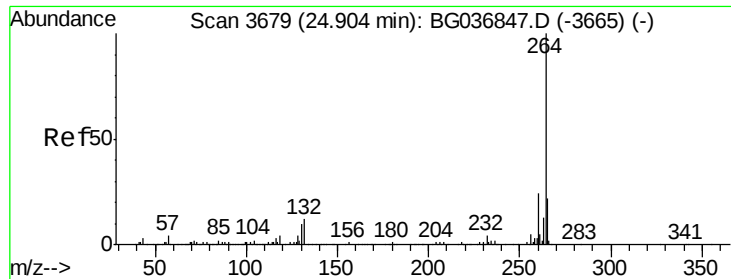
212 8.5 7.0 10.6

122 8.9 7.1 10.7



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





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG036970.D
Acq: 26 Sep 2018 5:18

Instrument :
BNA_G
ClientSampleId :
TP-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.8	17.4	26.0

