

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100418\
 Data File : BG037149.D
 Acq On : 4 Oct 2018 6:53
 Operator : JU/SJ
 Sample : PB113450TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113450TB

Quant Time: Oct 04 09:18:18 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

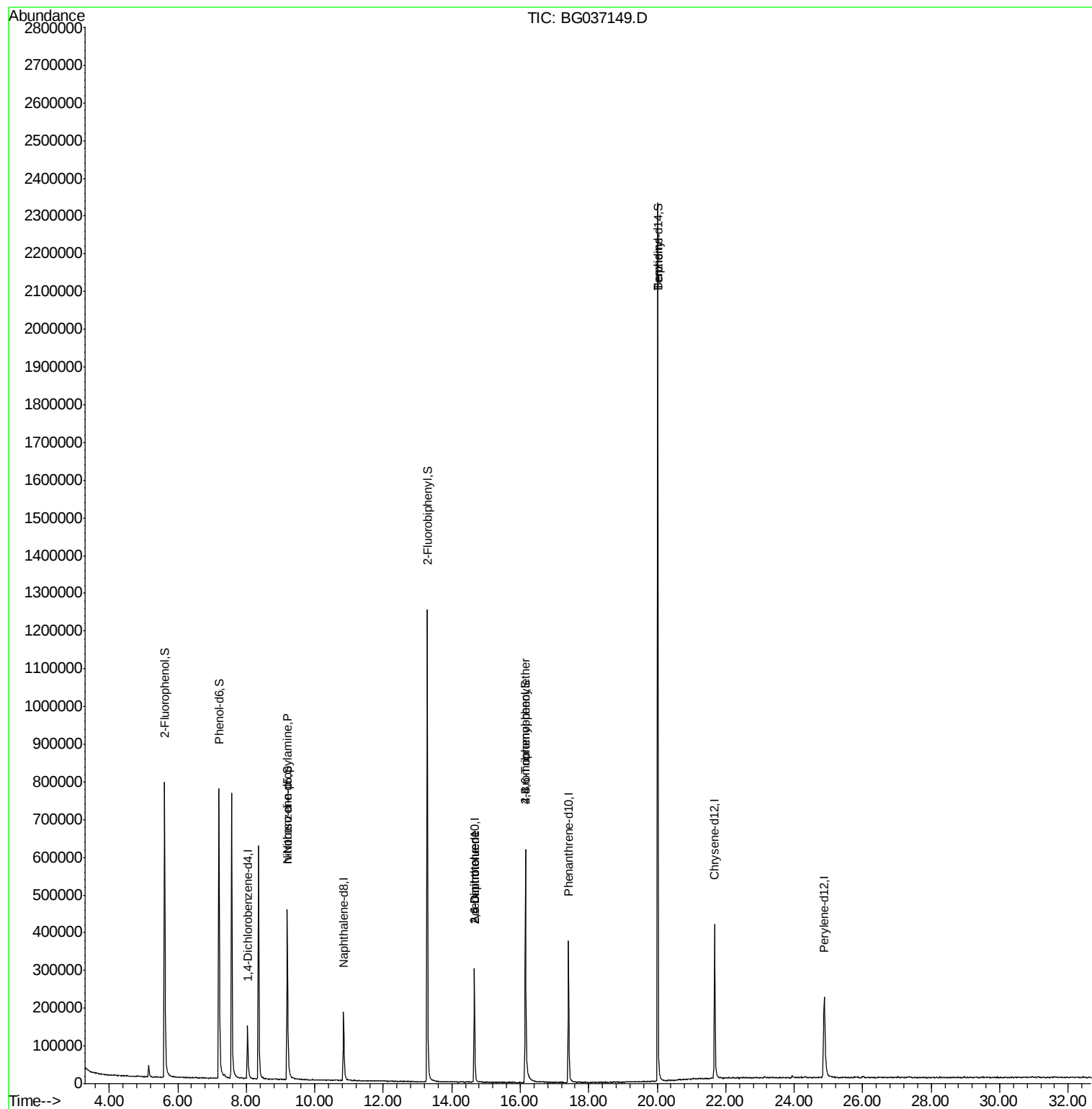
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48381	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	194014	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	117319	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	286135	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	300740	20.00	ng	-0.02
86) Perylene-d12	24.87	264	287413	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	385816	152.93	ng	0.00
7) Phenol-d6	7.20	99	505651	129.55	ng	-0.01
23) Nitrobenzene-d5	9.20	82	340378	93.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	141476	100.79	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	726414	92.22	ng	-0.02
78) Terphenyl-d14	20.02	244	1146880	100.28	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	44047	13.566	ng	# 70
50) 2,6-Dinitrotoluene	14.66	165	14500	7.038	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	14501	5.044	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	9797	3.010	ng	# 1
76) Benzidine	20.02	184	19595	2.155	ng	# 92

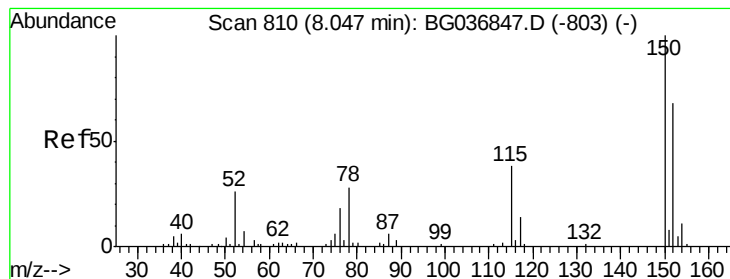
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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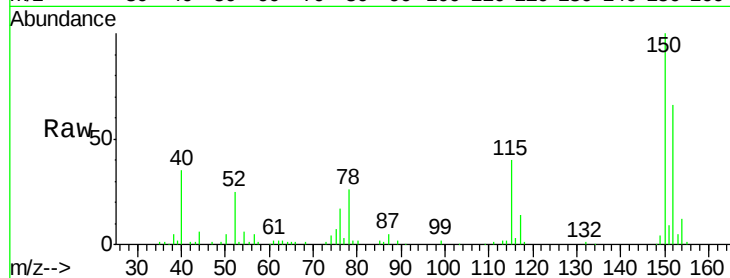




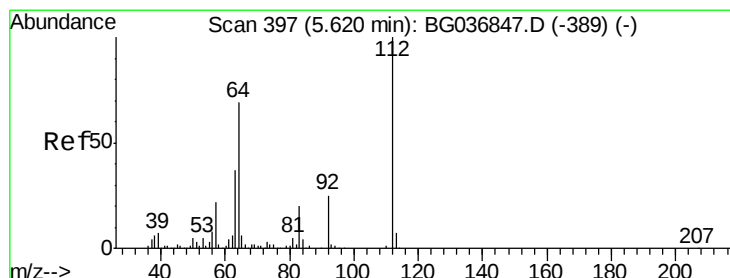
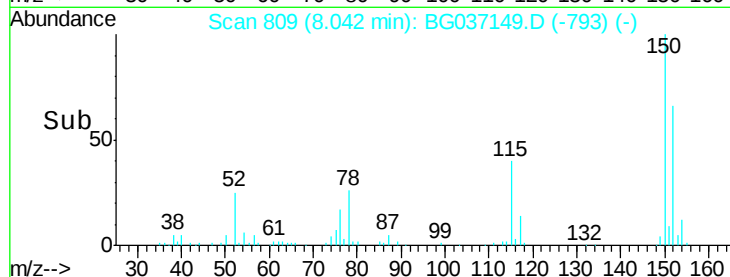
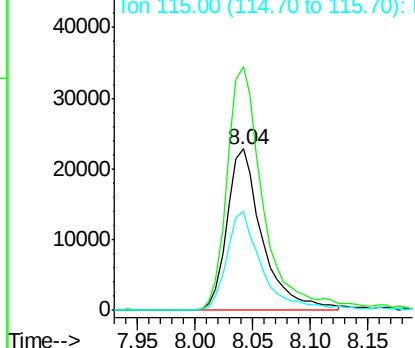
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037149.D
 Acq: 4 Oct 2018 6:53

Instrument :
 BNA_G
 ClientSampleId :
 PB113450TB

Tgt Ion:152 Resp: 48381
 Ion Ratio Lower Upper
 152 100
 150 150.9 119.5 179.3
 115 61.1 44.5 66.7

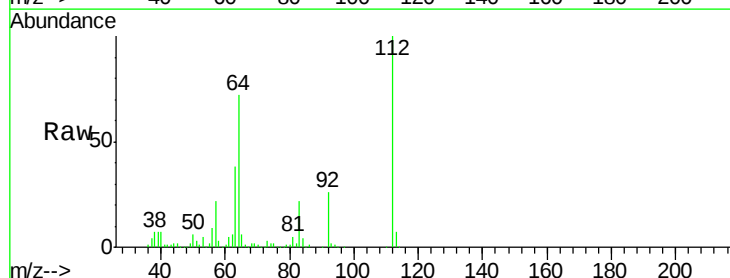


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

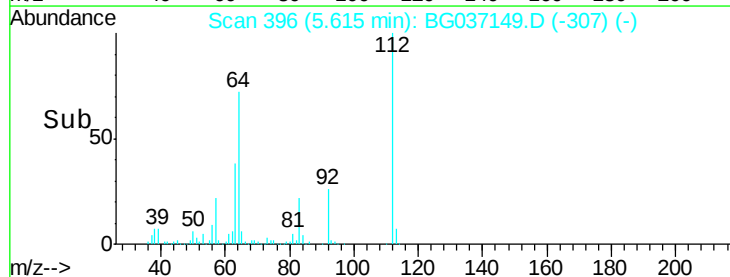
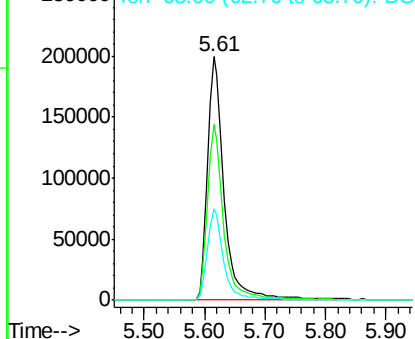


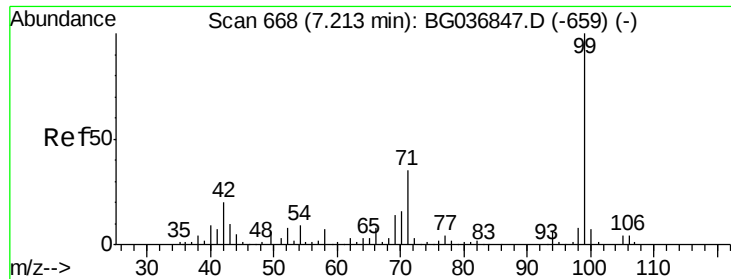
#5
 2-Fluorophenol
 Concen: 152.934 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG037149.D
 Acq: 4 Oct 2018 6:53

Tgt Ion:112 Resp: 385816
 Ion Ratio Lower Upper
 112 100
 64 72.1 57.2 85.8
 63 37.5 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: 129.550 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037149.D

Acq: 4 Oct 2018 6:53

Instrument :

BNA_G

ClientSampleId :

PB113450TB

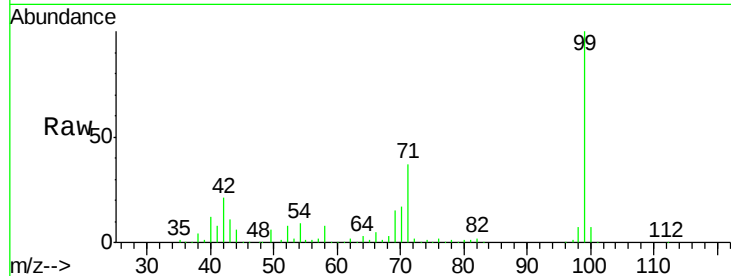
Tgt Ion: 99 Resp: 505651

Ion Ratio Lower Upper

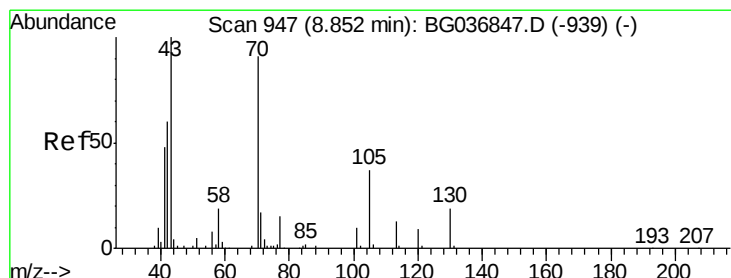
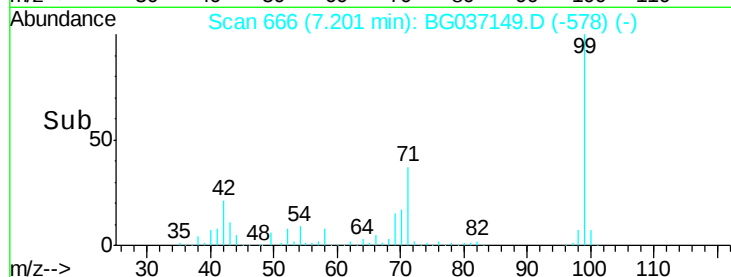
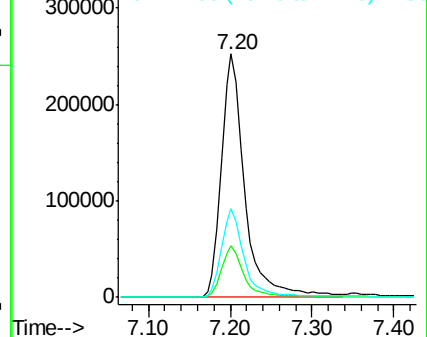
99 100

42 21.2 16.5 24.7

71 36.5 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: 13.566 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037149.D

Acq: 4 Oct 2018 6:53

Tgt Ion: 70 Resp: 44047

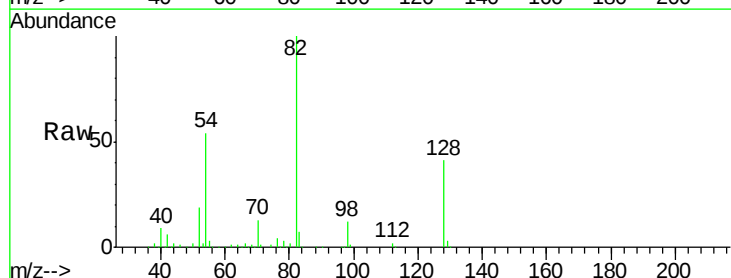
Ion Ratio Lower Upper

70 100

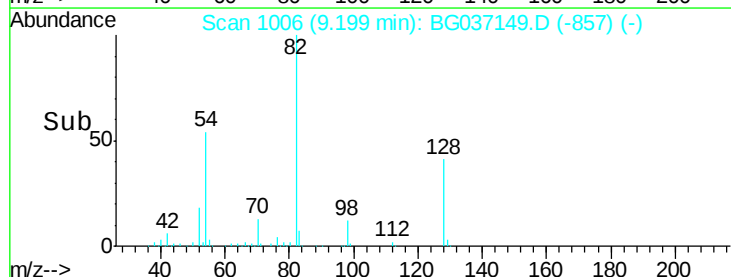
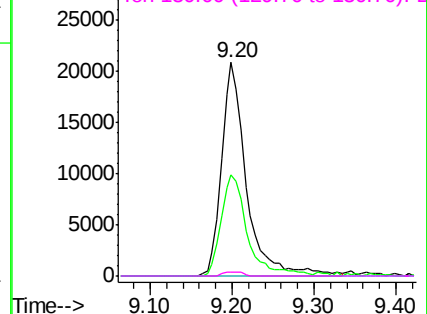
42 47.3 56.2 84.4#

101 0.0 7.8 11.6#

130 1.7 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

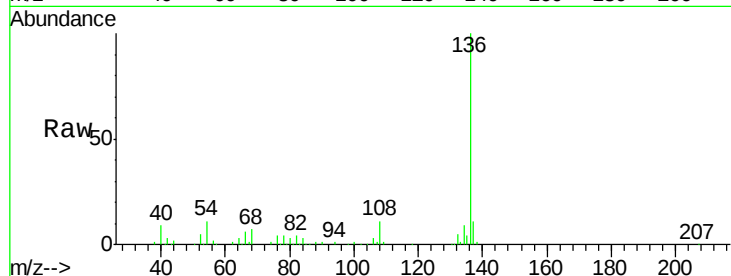




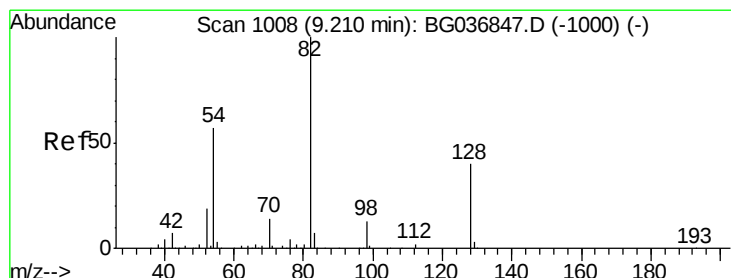
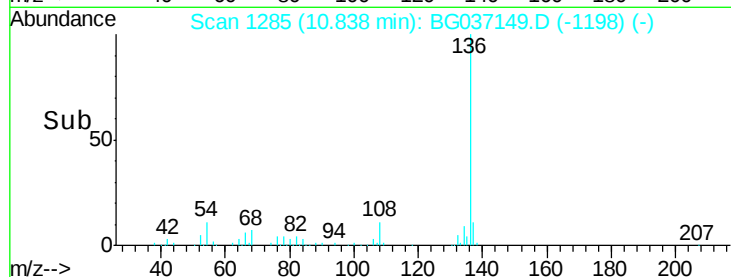
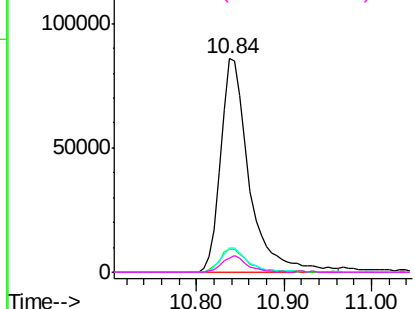
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037149.D
Acq: 4 Oct 2018 6:53

Instrument :
BNA_G
ClientSampleId :
PB113450TB

Tgt Ion:	136	Resp:	194014
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.1	9.2	13.8
68	6.9	5.8	8.6

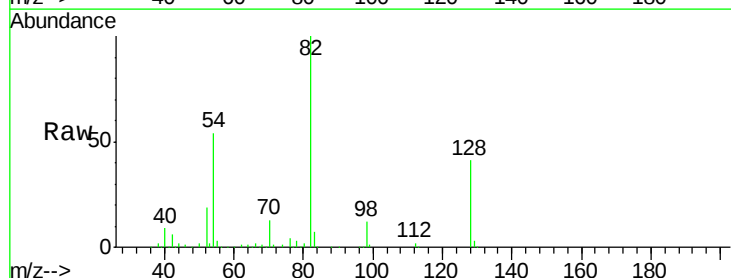


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

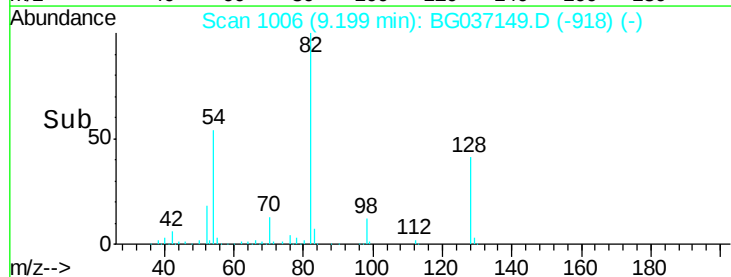
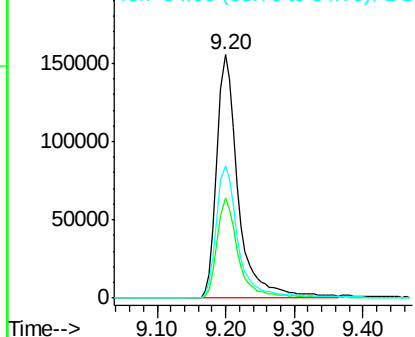


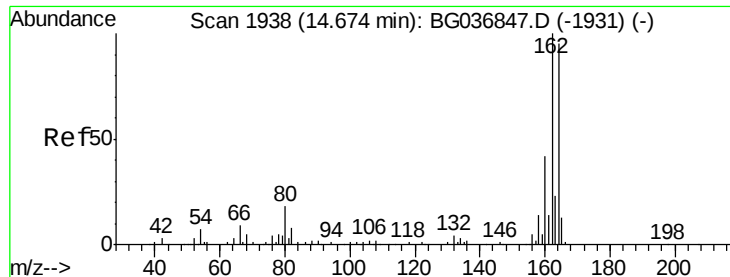
#23
Nitrobenzene-d5
Concen: 93.950 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037149.D
Acq: 4 Oct 2018 6:53

Tgt Ion:	82	Resp:	340378
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	54.4	45.1	67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG037149.D

Acq: 4 Oct 2018 6:53

Instrument :

BNA_G

ClientSampleId :

PB113450TB

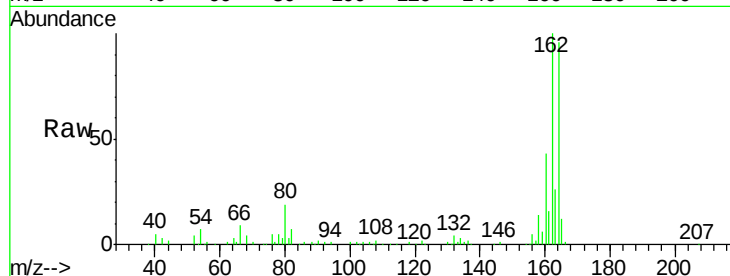
Tgt Ion:164 Resp: 117319

Ion Ratio Lower Upper

164 100

162 104.2 80.7 121.1

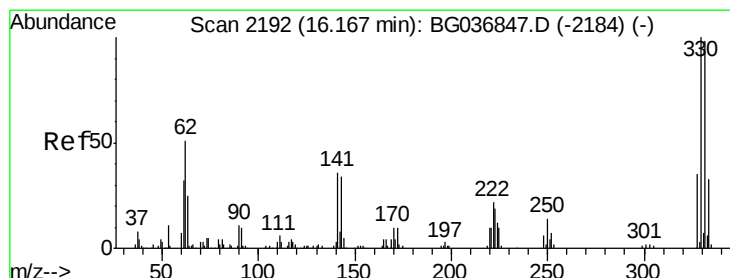
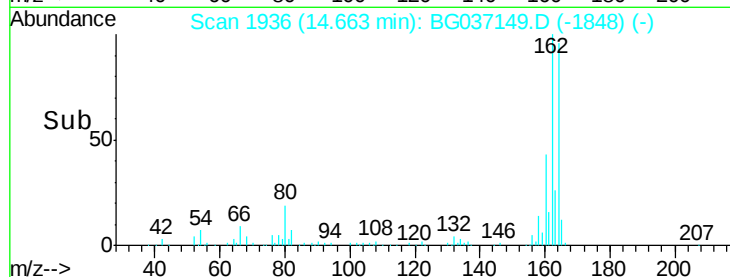
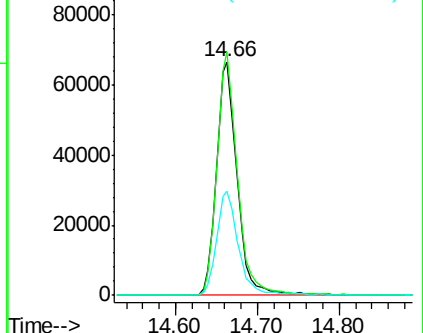
160 44.8 35.3 52.9



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: 100.792 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037149.D

Acq: 4 Oct 2018 6:53

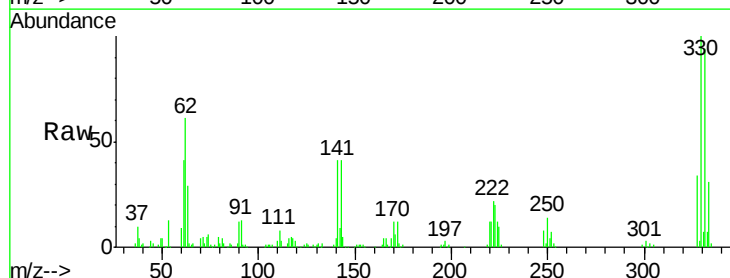
Tgt Ion:330 Resp: 141476

Ion Ratio Lower Upper

330 100

332 98.1 75.4 113.2

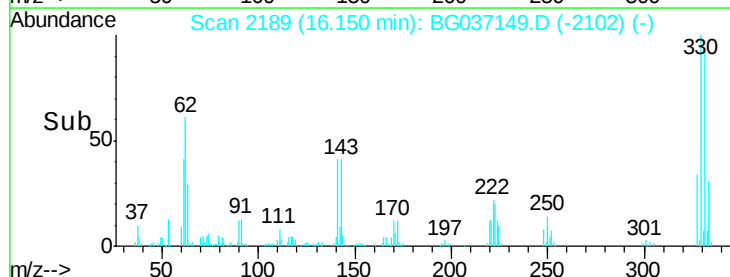
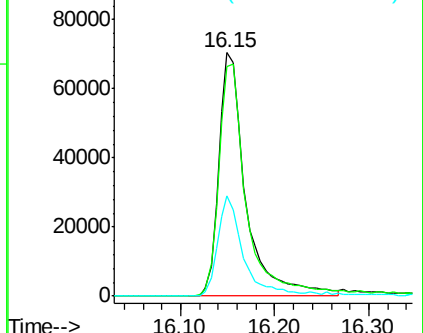
141 39.1 30.7 46.1



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

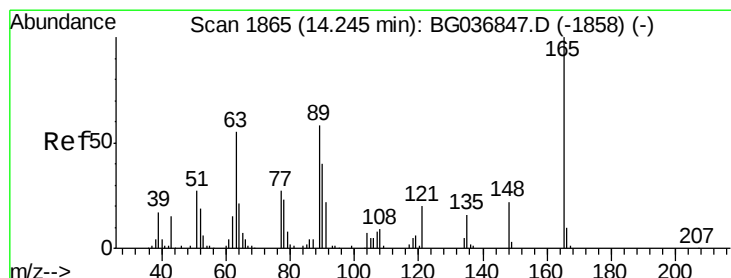
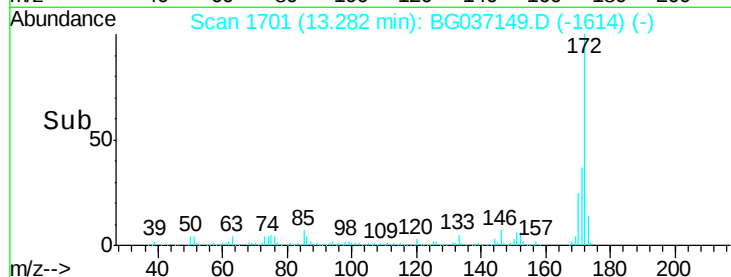
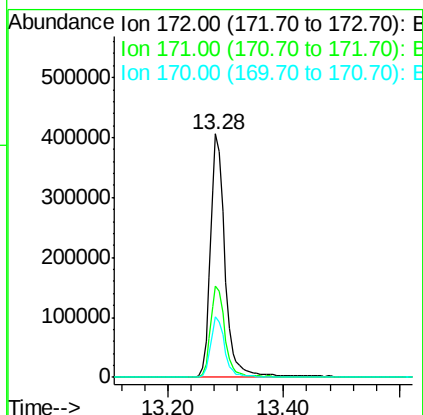
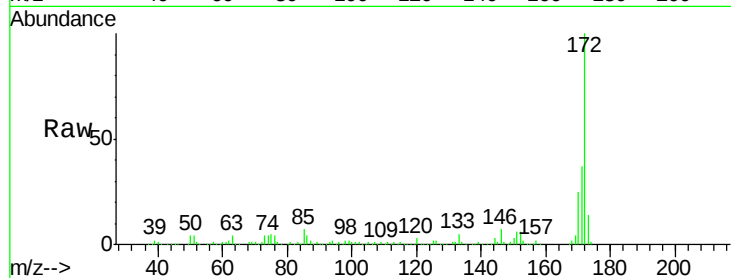




#44
 2-Fluorobiphenyl
 Concen: 92.220 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037149.D
 Acq: 4 Oct 2018 6:53

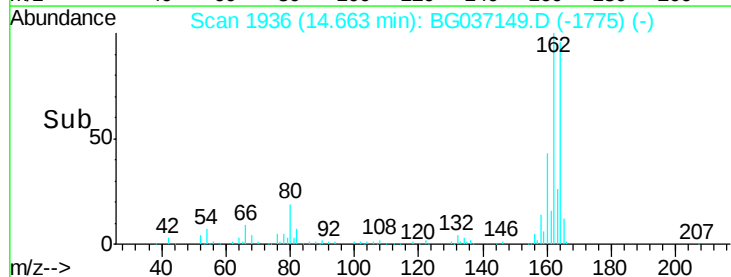
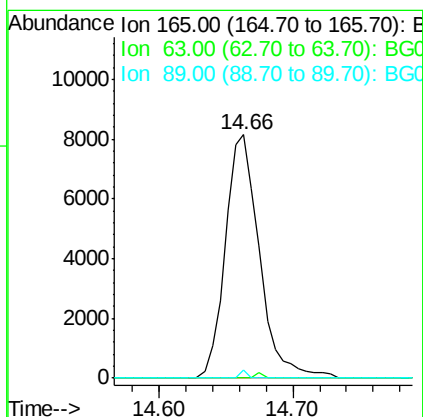
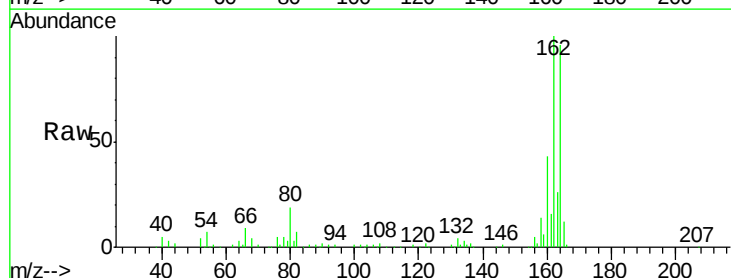
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 PB113450TB

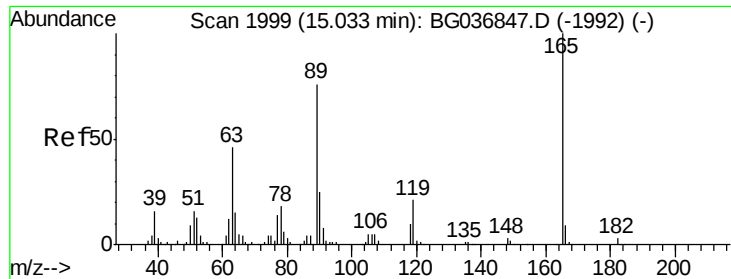
Tgt Ion:172 Resp: 726414
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.3 46.9
 170 24.7 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.038 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037149.D
 Acq: 4 Oct 2018 6:53

Tgt Ion:165 Resp: 14500
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 3.1 47.8 71.6#

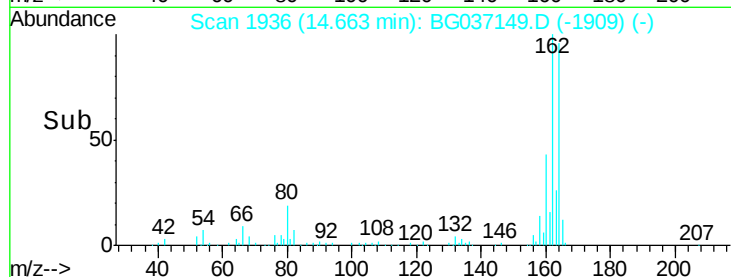
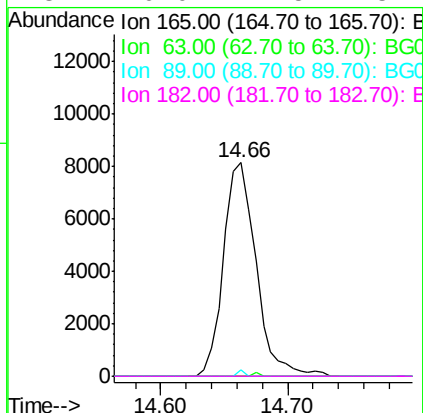
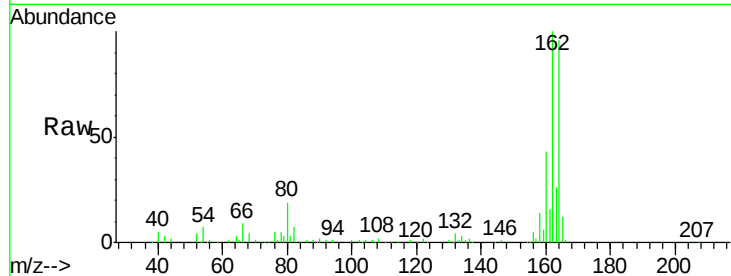




#56
 2,4-Dinitrotoluene
 Concen: 5.044 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037149.D
 Acq: 4 Oct 2018 6:53

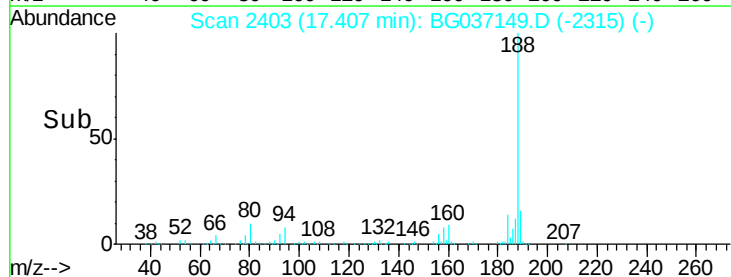
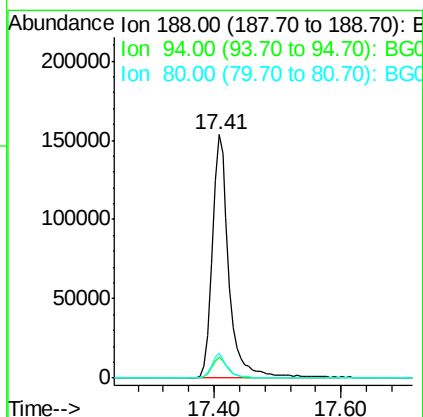
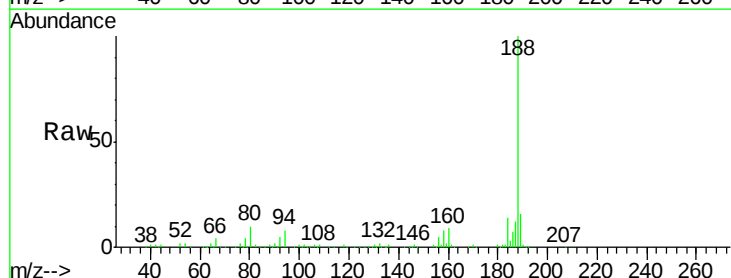
Instrument :
 BNA_G
 ClientSampleId :
 PB113450TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	3.1	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: BG037149.D
 Acq: 4 Oct 2018 6:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	10.1	8.1	12.1

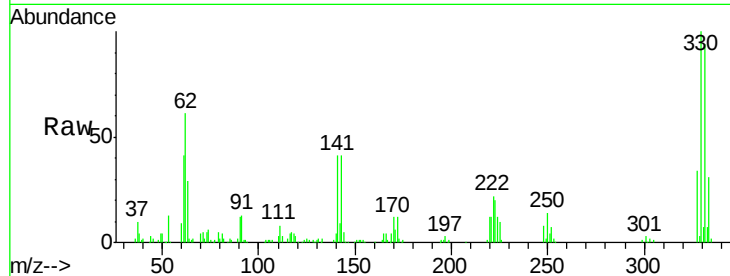




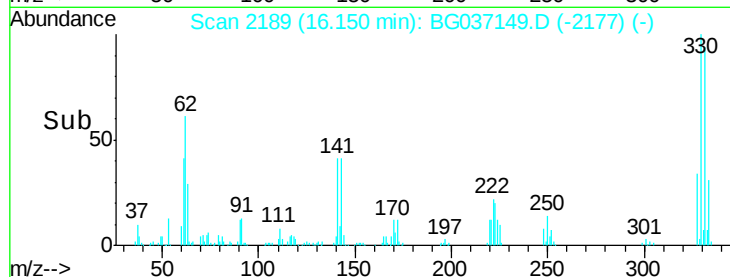
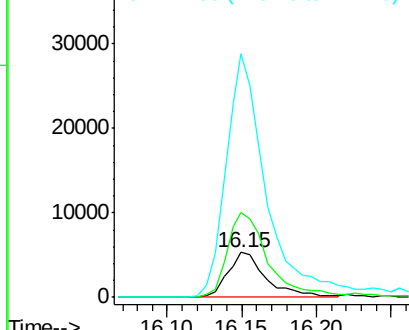
#66
4-Bromophenyl-phenylether
Concen: 3.010 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037149.D
Acq: 4 Oct 2018 6:53

Instrument :
BNA_G
ClientSampleId :
PB113450TB

Tgt Ion:248 Resp: 9797
Ion Ratio Lower Upper
248 100
250 189.2 78.1 117.1#
141 541.2 53.7 80.5#

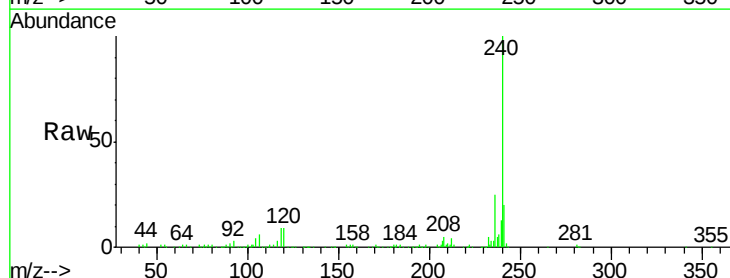


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

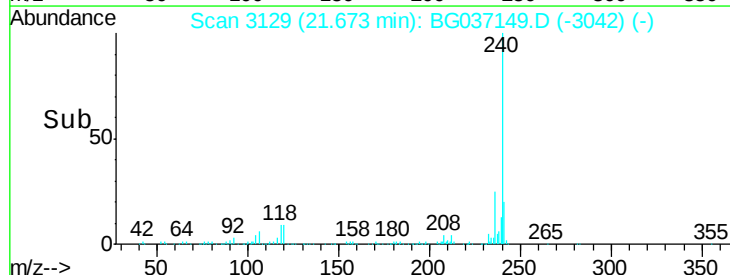
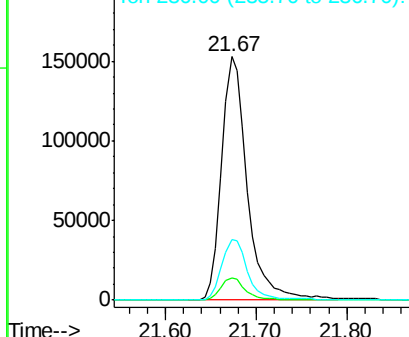


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037149.D
Acq: 4 Oct 2018 6:53

Tgt Ion:240 Resp: 300740
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 24.8 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

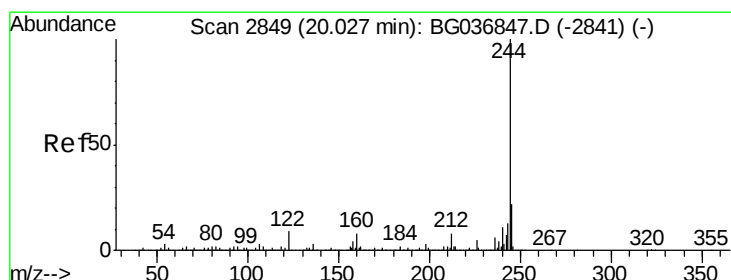
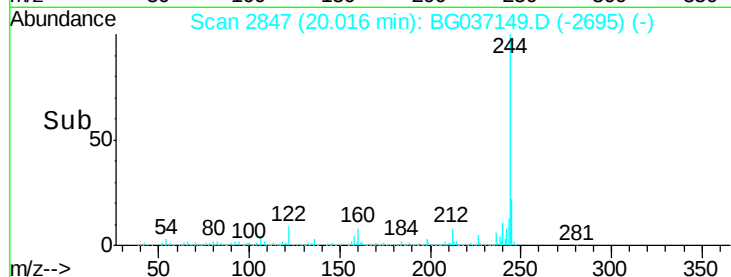
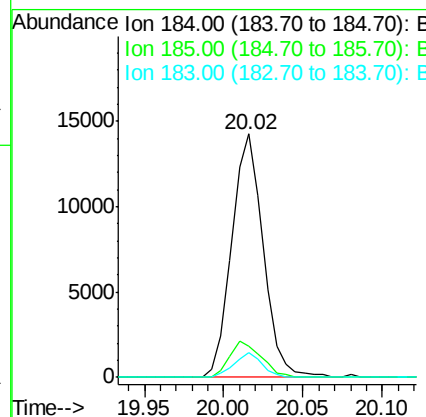
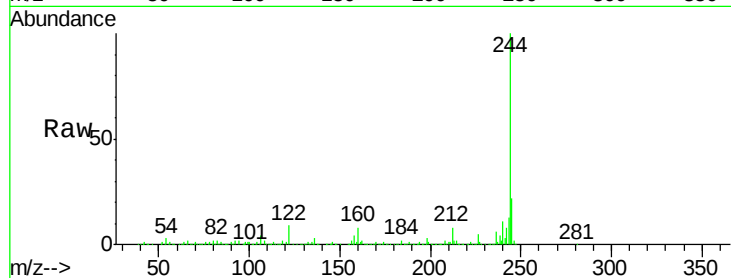




#76
Benzidine
Concen: 2.155 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.36 min
Lab File: BG037149.D
Acq: 4 Oct 2018 6:53

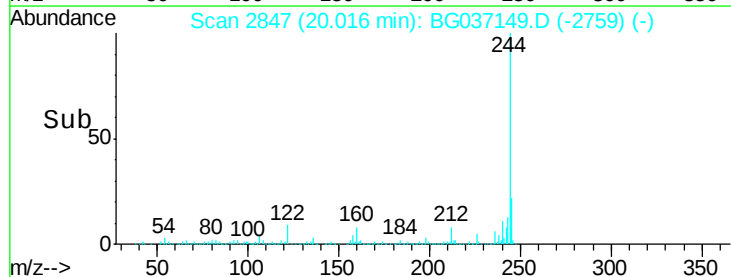
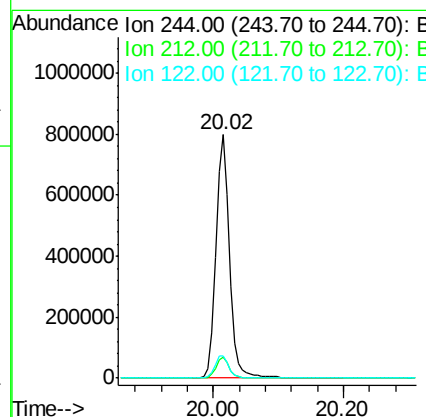
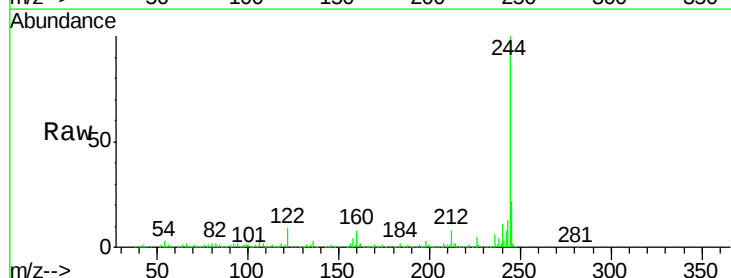
Instrument :
BNA_G
ClientSampleId :
PB113450TB

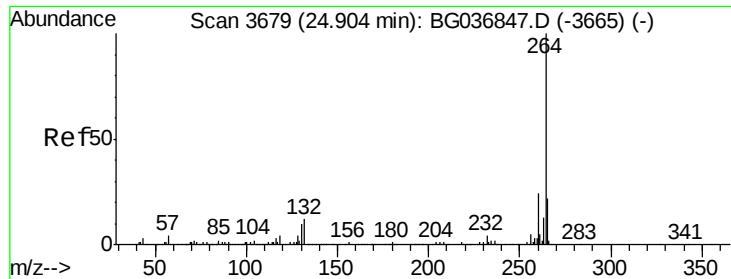
Tgt Ion:184 Resp: 19595
Ion Ratio Lower Upper
184 100
185 12.7 12.6 18.8
183 10.0 10.9 16.3#



#78
Terphenyl-d14
Concen: 100.276 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037149.D
Acq: 4 Oct 2018 6:53

Tgt Ion:244 Resp: 1146880
Ion Ratio Lower Upper
244 100
212 8.4 7.0 10.6
122 9.3 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037149.D
Acq: 4 Oct 2018 6:53

Instrument :
BNA_G
ClientSampleId :
PB113450TB

Tgt Ion:264 Resp: 287413
Ion Ratio Lower Upper
264 100
260 22.9 19.6 29.4
265 22.5 17.4 26.0

