

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG037010.D
 Acq On : 27 Sep 2018 10:05
 Operator : JU/SJ
 Sample : J5052-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 27 11:01:12 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

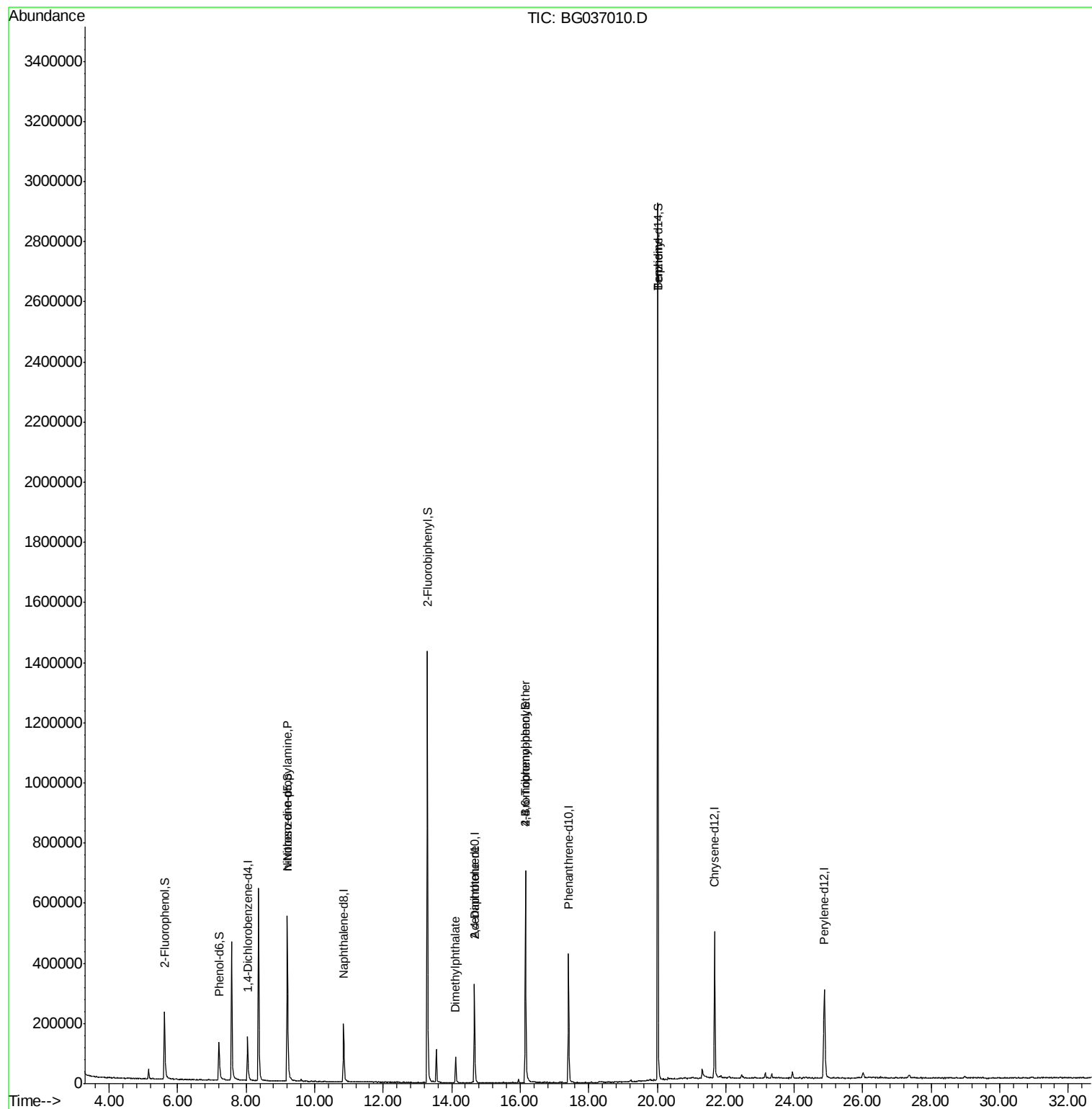
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47248	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	190909	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	121145	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	309057	20.00	ng	0.00
75) Chrysene-d12	21.67	240	320262	20.00	ng	-0.02
86) Perylene-d12	24.88	264	320131	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	116684	47.36	ng	0.00
7) Phenol-d6	7.20	99	98785	25.92	ng	0.00
23) Nitrobenzene-d5	9.20	82	394956	110.79	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	142222	98.12	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	796188	97.89	ng	0.00
78) Terphenyl-d14	20.02	244	1407456	115.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	54164	17.081	ng	# 72
49) Dimethylphthalate	14.11	163	65159	6.682	ng	# 96
56) 2,4-Dinitrotoluene	14.66	165	15541	5.235	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	10157	2.889	ng	# 1
76) Benzidine	20.02	184	26146	2.701	ng	# 91

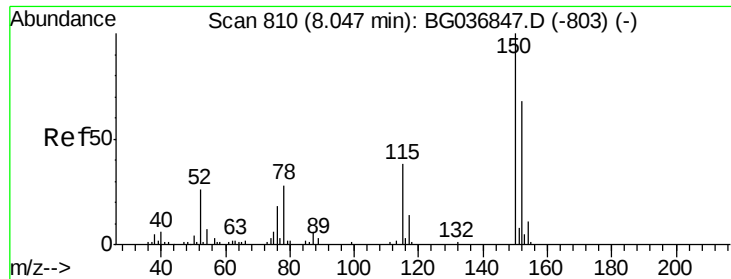
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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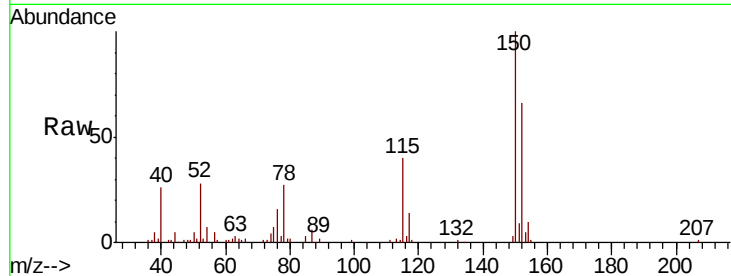


#1

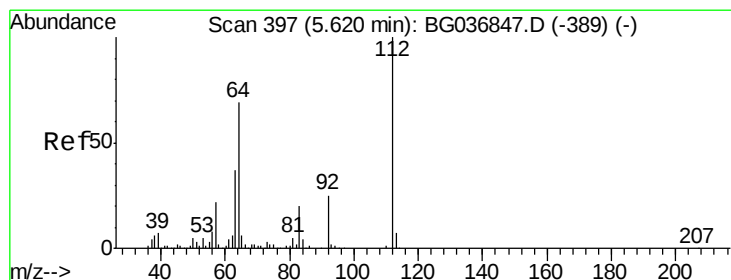
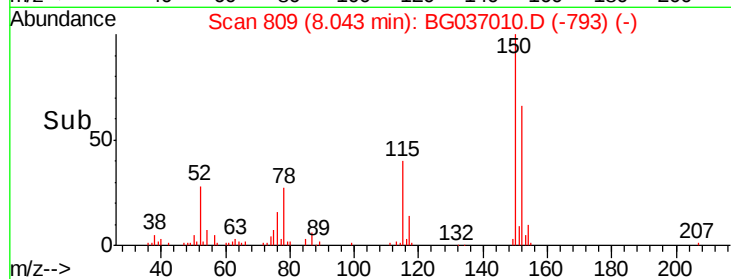
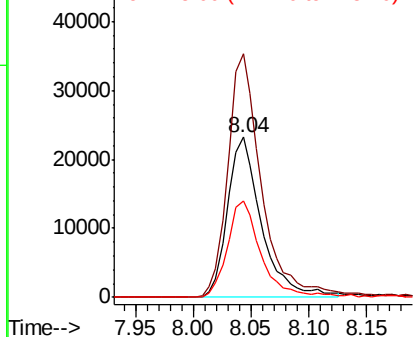
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037010.D
Acq: 27 Sep 2018 10:05

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	60.4	44.5	66.7



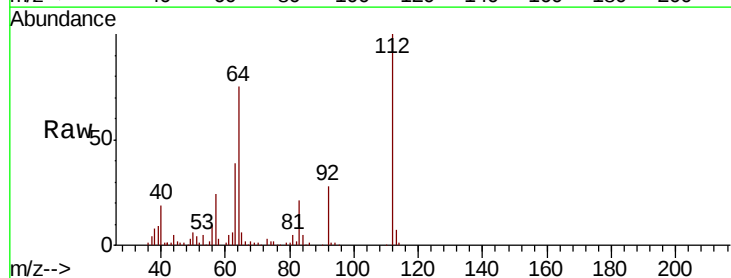
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



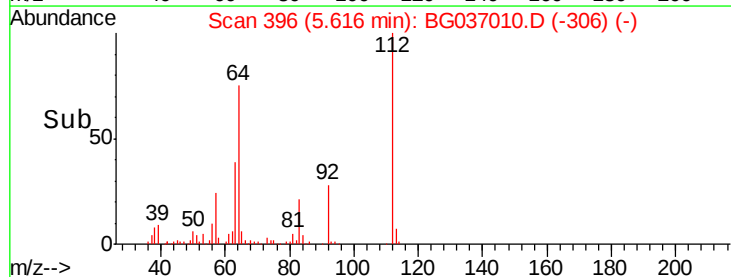
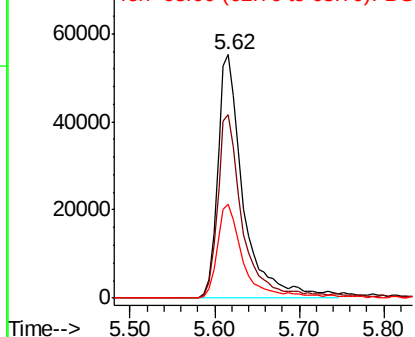
#5

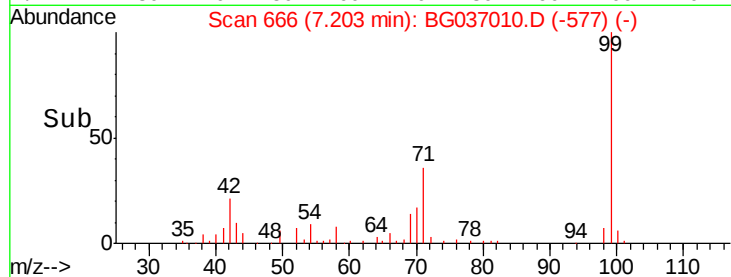
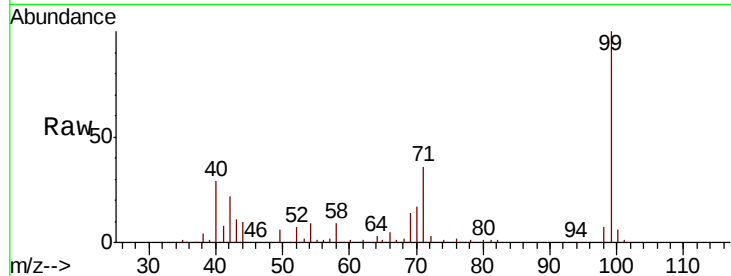
2-Fluorophenol
Concen: 47.362 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037010.D
Acq: 27 Sep 2018 10:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.1	57.2	85.8
63	38.6	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: 25.916 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037010.D

Acq: 27 Sep 2018 10:05

Instrument :

BNA_G

ClientSampled :

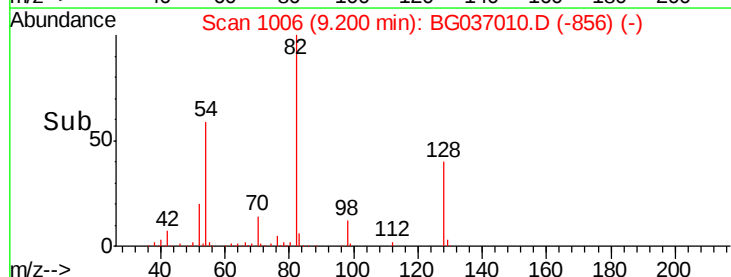
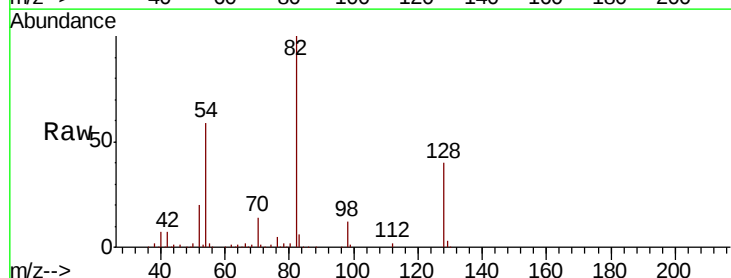
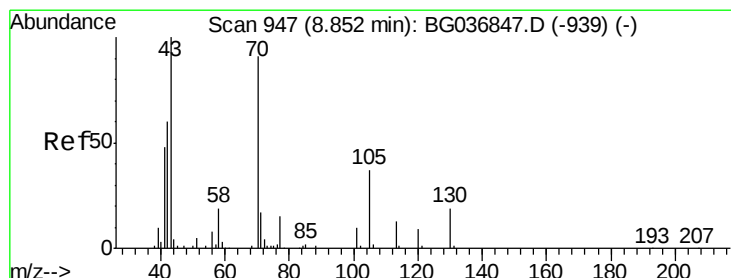
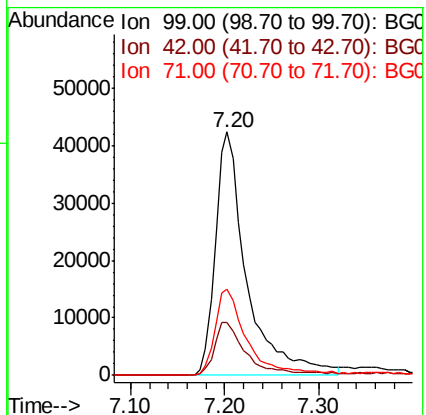
Tot Ion: 99 Resp: 98785

Ion Ratio Lower Upper

99 100

42 21.7 16.5 24.7

71 35.6 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 17.081 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037010.D

Acq: 27 Sep 2018 10:05

Tgt Ion: 70 Resp: 54164

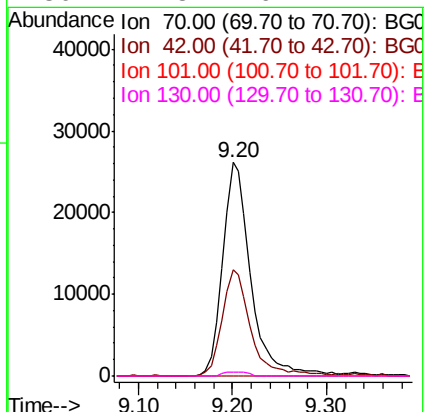
Ion Ratio Lower Upper

70 100

42 49.8 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#

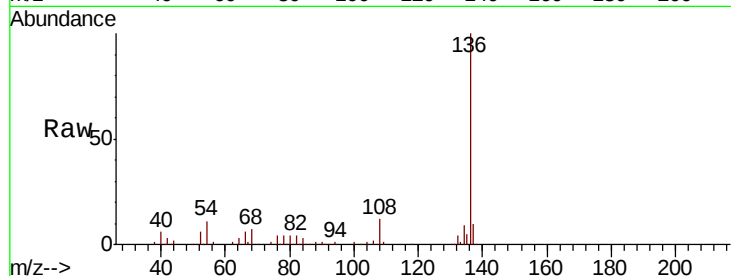




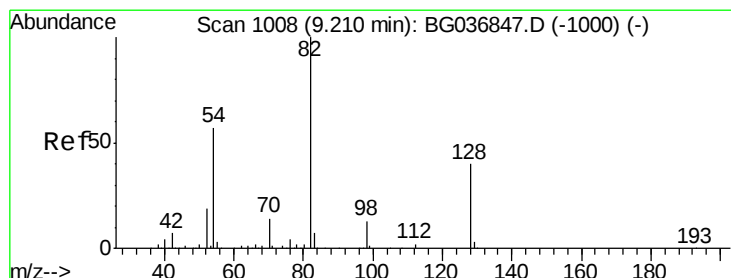
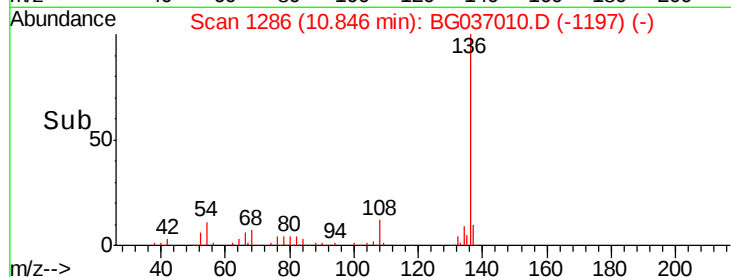
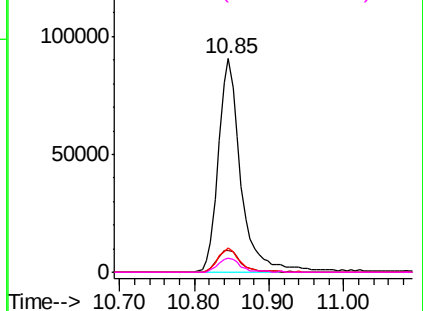
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037010.D
Acq: 27 Sep 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	190909
Ion	Ratio	Lower Upper
136	100	
137	10.1	8.8 13.2
54	11.3	9.2 13.8
68	6.6	5.8 8.6

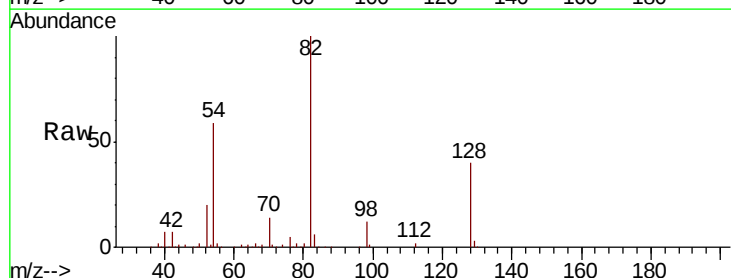


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

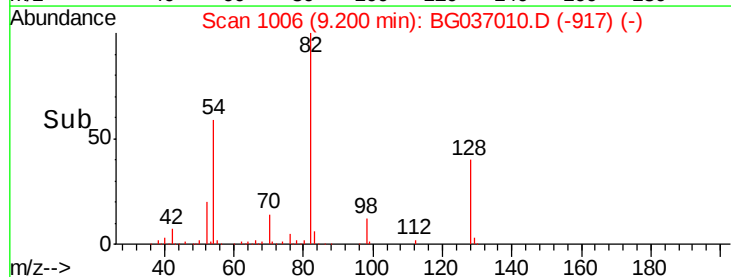
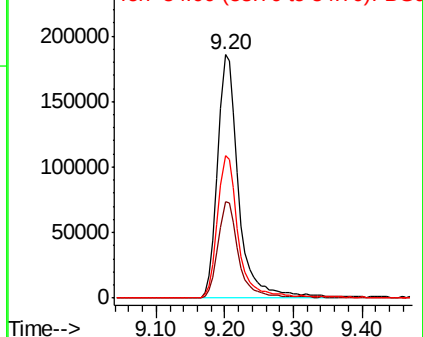


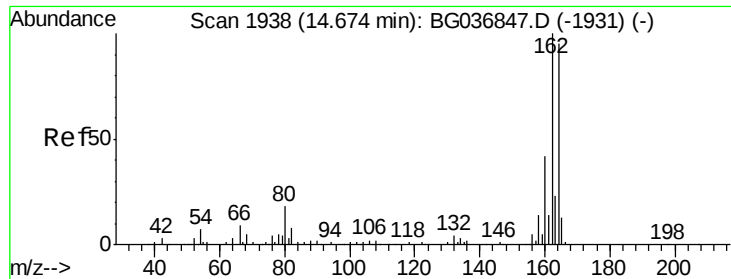
#23
Nitrobenzene-d5
Concen: 110.787 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037010.D
Acq: 27 Sep 2018 10:05

Tgt Ion: 82	Resp:	394956
Ion	Ratio	Lower Upper
82	100	
128	39.6	33.3 49.9
54	58.8	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# 1936

Delta R.T. -0.01 min

Lab File: BG037010.D

Acq: 27 Sep 2018 10:05

Instrument :

BNA_G

ClientSampled :

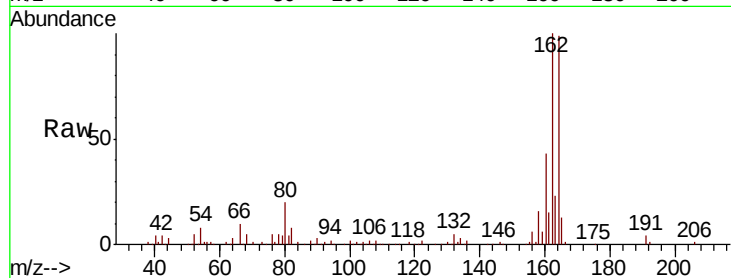
Tot Ion:164 Resp: 121145

Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

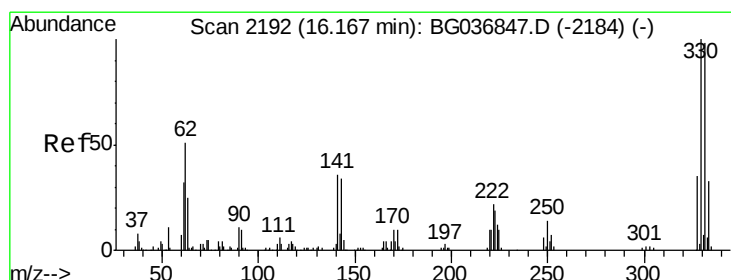
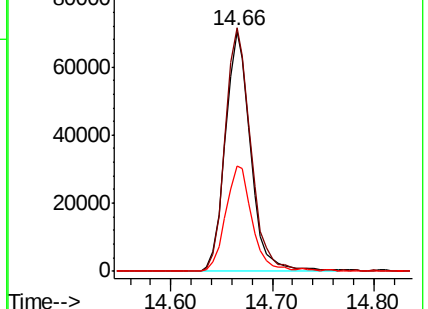
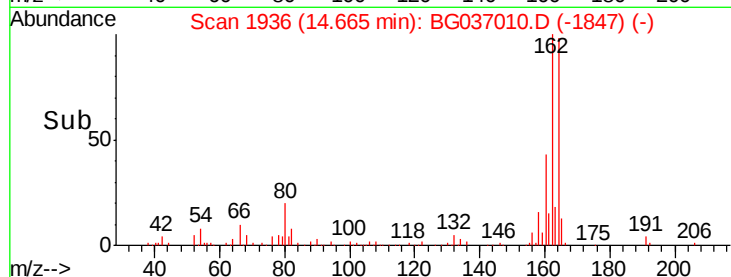
160 44.1 35.3 52.9



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: 98.123 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037010.D

Acq: 27 Sep 2018 10:05

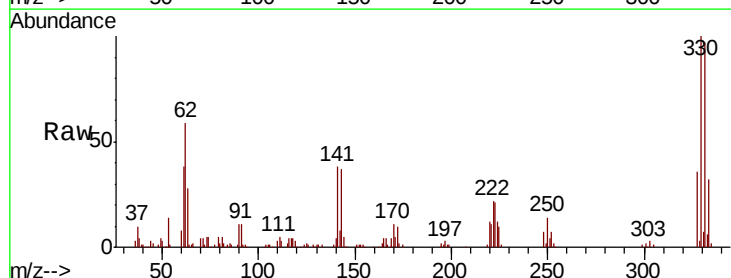
Tgt Ion:330 Resp: 142222

Ion Ratio Lower Upper

330 100

332 98.9 75.4 113.2

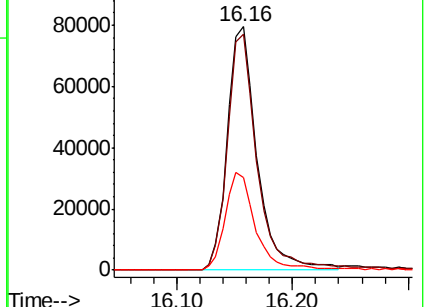
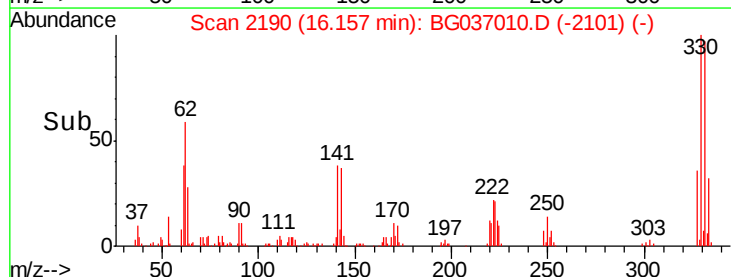
141 41.0 30.7 46.1



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

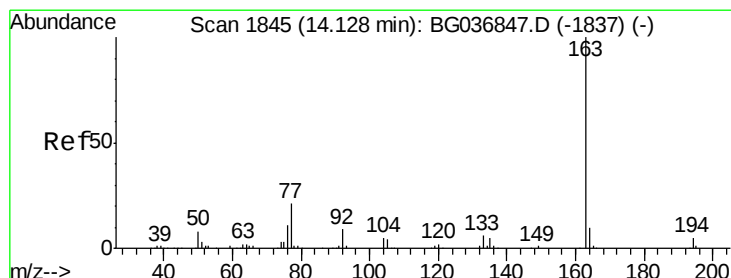
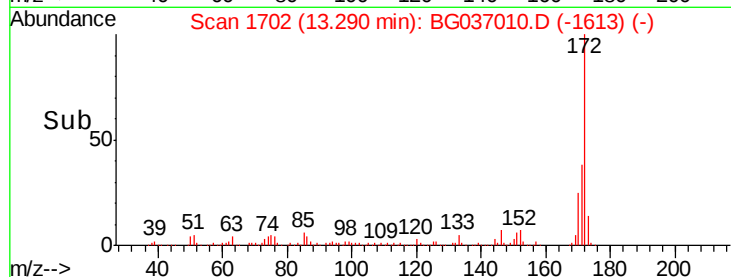
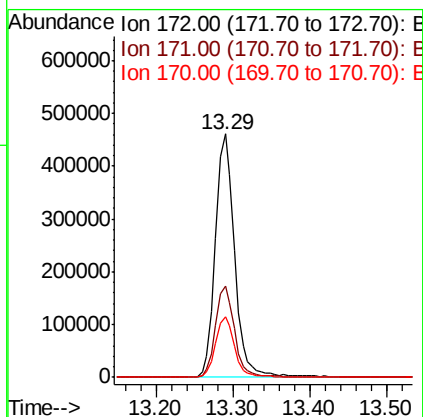
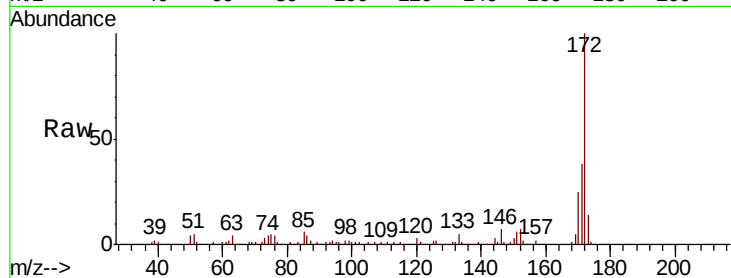




#44
2-Fluorobiphenyl
Concen: 97.886 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.01 min
Lab File: BG037010.D
Acq: 27 Sep 2018 10:05

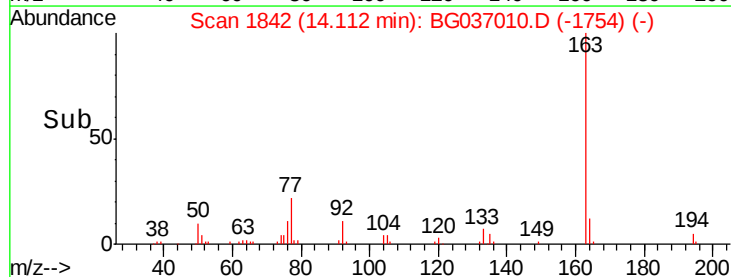
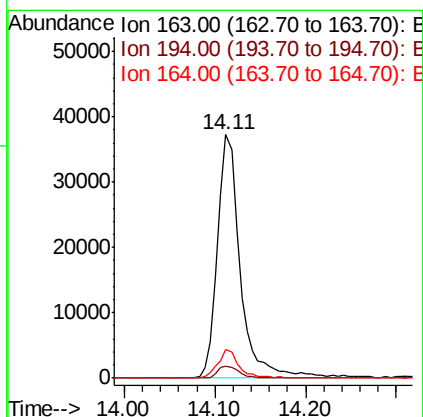
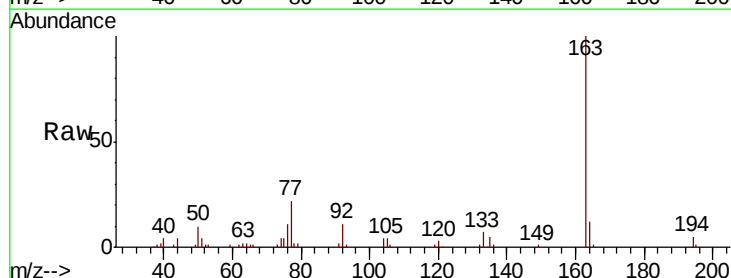
Instrument :
BNA_G
ClientSampleId :

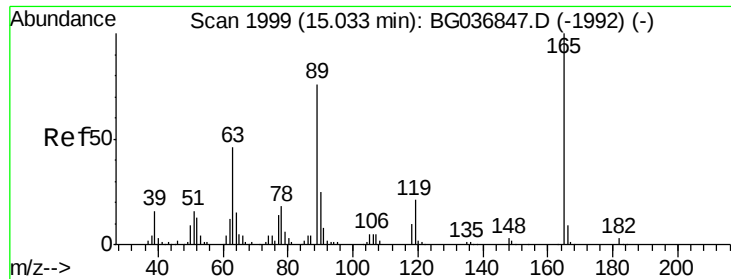
Tot Ion:172 Resp: 796188
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 24.9 21.0 31.6



#49
Dimethylphthalate
Concen: 6.682 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.02 min
Lab File: BG037010.D
Acq: 27 Sep 2018 10:05

Tgt Ion:163 Resp: 65159
Ion Ratio Lower Upper
163 100
194 4.8 4.0 6.0
164 11.9 8.1 12.1

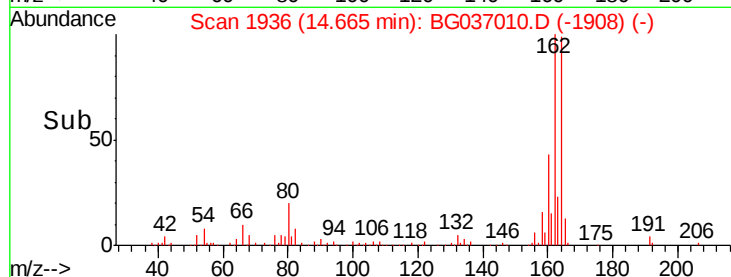
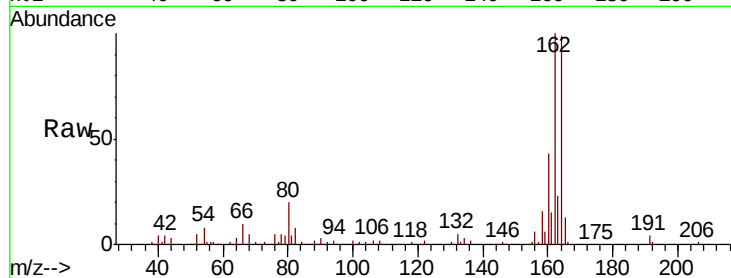




#56
 2,4-Dinitrotoluene
 Concen: 5.235 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037010.D
 Acq: 27 Sep 2018 10:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	40.1	60.1#
89	1.9	63.7	95.5#
182	0.0	2.5	3.7#

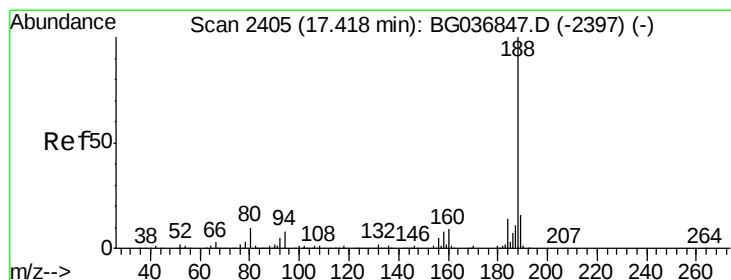
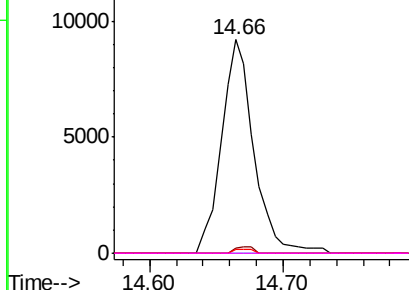


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

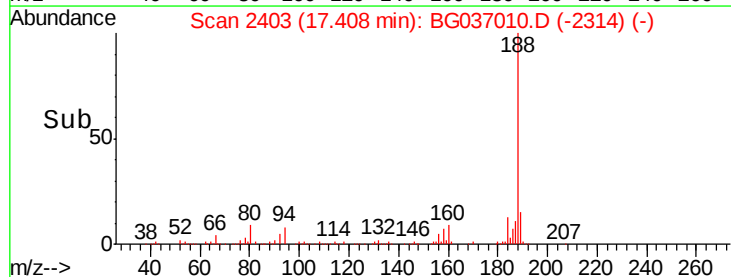
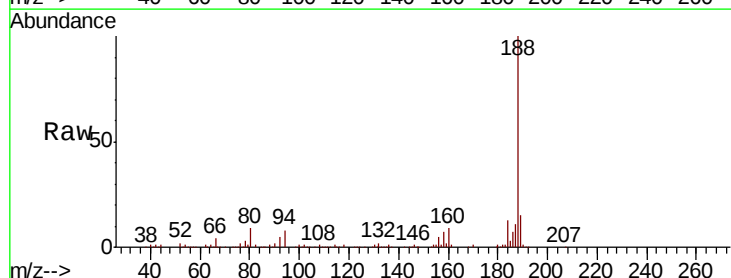
Ion 89.00 (88.70 to 89.70): BGC

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: BG037010.D
 Acq: 27 Sep 2018 10:05

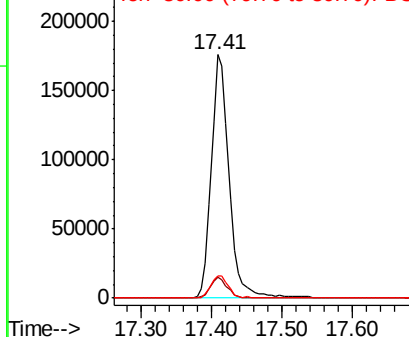
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.0	8.1	12.1



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

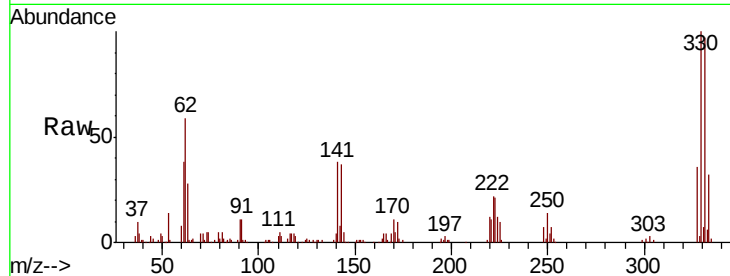




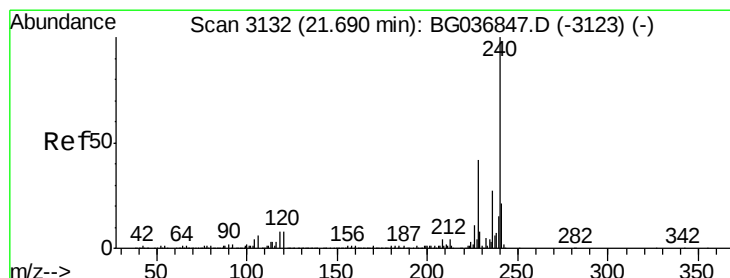
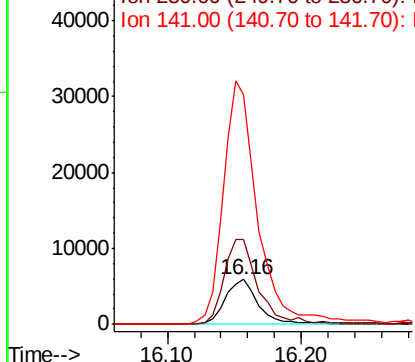
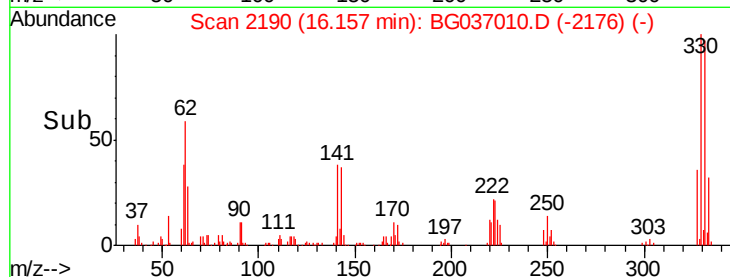
#66
 4-Bromophenyl-phenylether
 Concen: 2.889 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG037010.D
 Acq: 27 Sep 2018 10:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10157
 Ion Ratio Lower Upper
 248 100
 250 189.8 78.1 117.1#
 141 512.0 53.7 80.5#

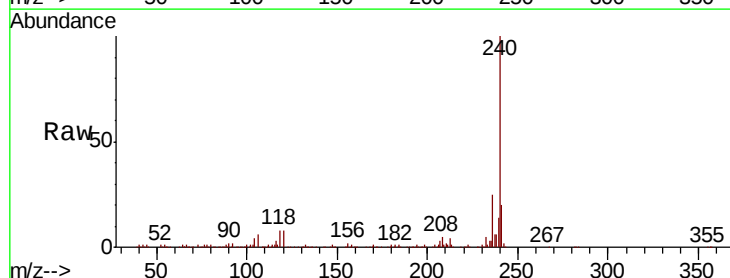


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

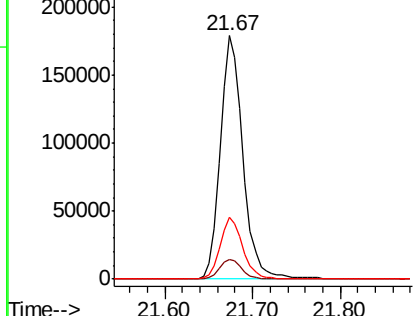
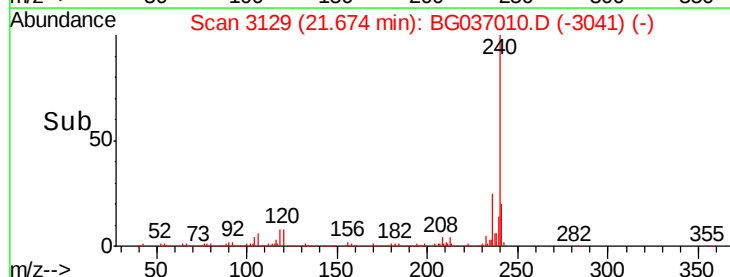


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037010.D
 Acq: 27 Sep 2018 10:05

Tgt Ion:240 Resp: 320262
 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

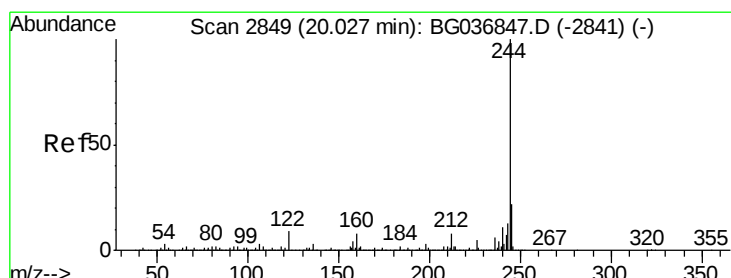
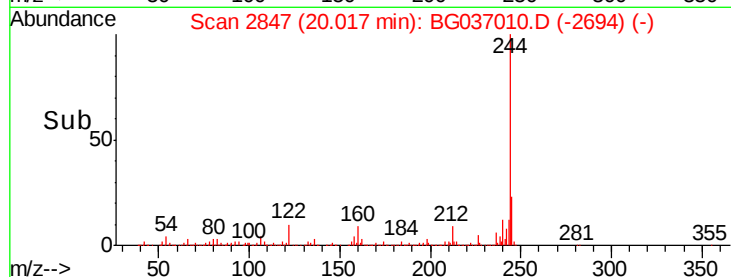
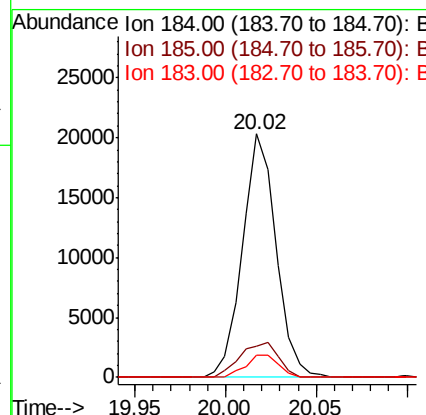
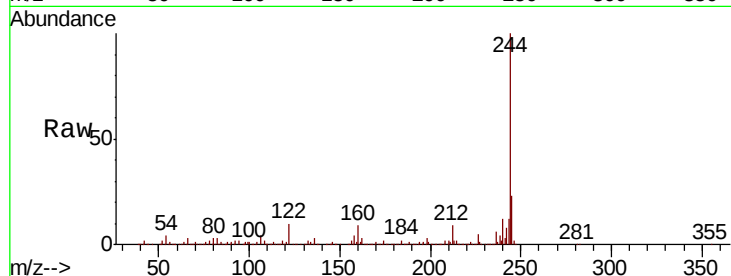




#76
Benzidine
Concen: 2.701 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.37 min
Lab File: BG037010.D
Acq: 27 Sep 2018 10:05

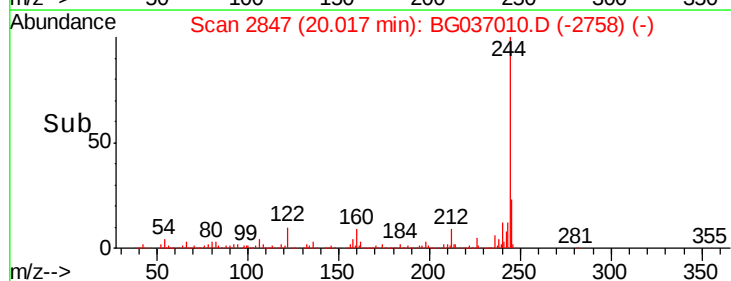
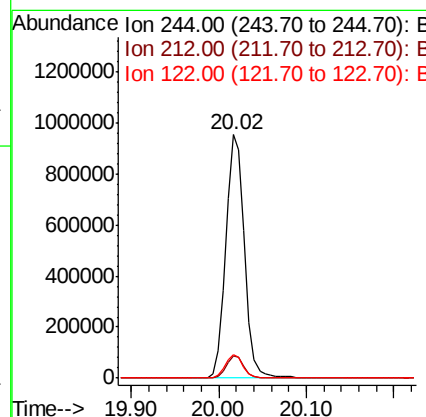
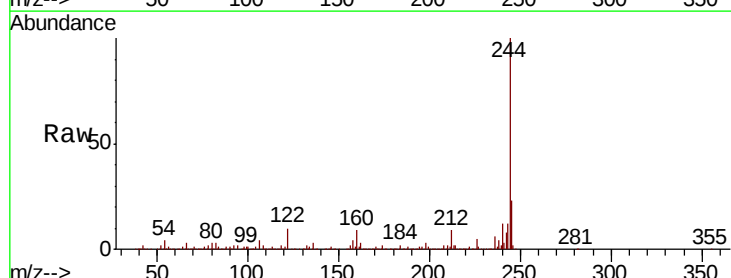
Instrument :
BNA_G
ClientSampled :

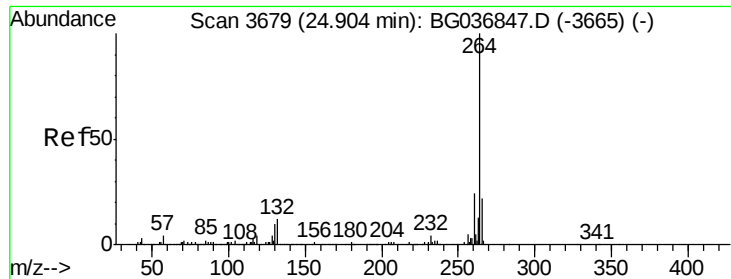
Tot Ion:184 Resp: 26146
Ion Ratio Lower Upper
184 100
185 12.7 12.6 18.8
183 9.2 10.9 16.3#



#78
Terphenyl-d14
Concen: 115.558 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037010.D
Acq: 27 Sep 2018 10:05

Tgt Ion:244 Resp: 1407456
Ion Ratio Lower Upper
244 100
212 9.3 7.0 10.6
122 9.6 7.1 10.7





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037010.D
Acq: 27 Sep 2018 10:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.3	17.4	26.0

