

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100518\
 Data File : BG037167.D
 Acq On : 4 Oct 2018 22:42
 Operator : JU/SJ
 Sample : J5237-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FBGW10318

Quant Time: Oct 05 01:43:13 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

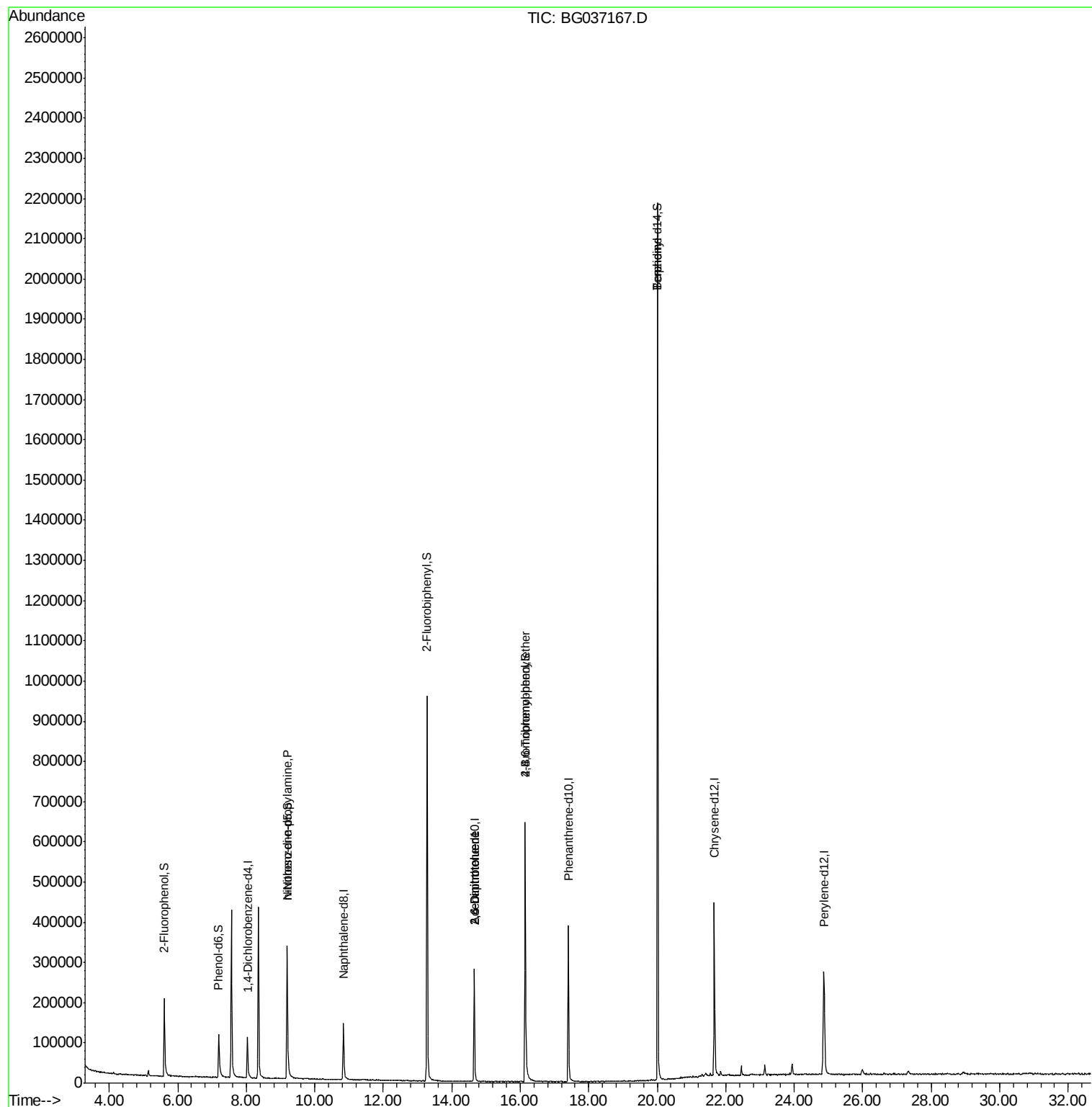
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	36241	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	148948	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	104117	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	278428	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	291639	20.00	ng	-0.02
86) Perylene-d12	24.87	264	284313	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	107606	56.94	ng	-0.01
7) Phenol-d6	7.20	99	88519	30.28	ng	-0.02
23) Nitrobenzene-d5	9.19	82	257834	92.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	136610	109.67	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	575735	82.36	ng	-0.02
78) Terphenyl-d14	20.01	244	1081109	97.48	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	32753	13.466	ng	# 72
50) 2,6-Dinitrotoluene	14.66	165	13051	7.137	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	13051	5.115	ng	# 20
66) 4-Bromophenyl-phenylether	16.14	248	9656	3.049	ng	# 1
76) Benzidine	20.01	184	19108	2.167	ng	# 88

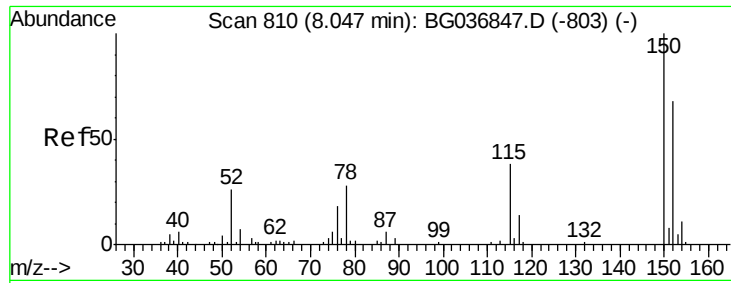
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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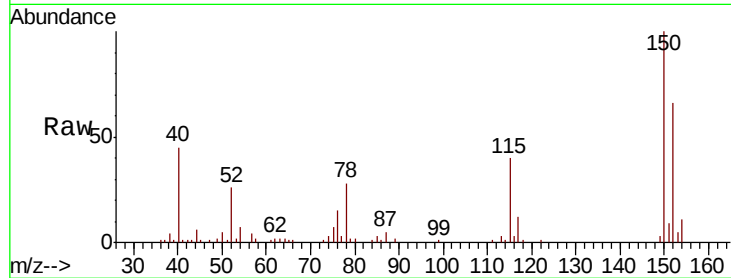


#1

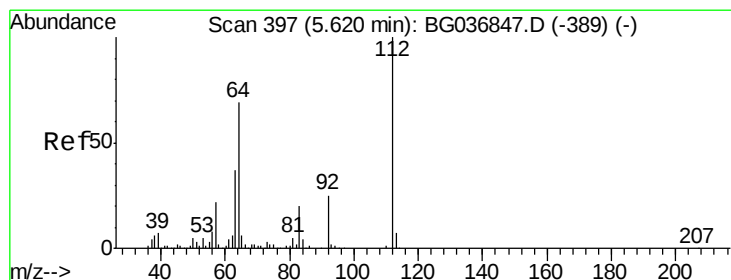
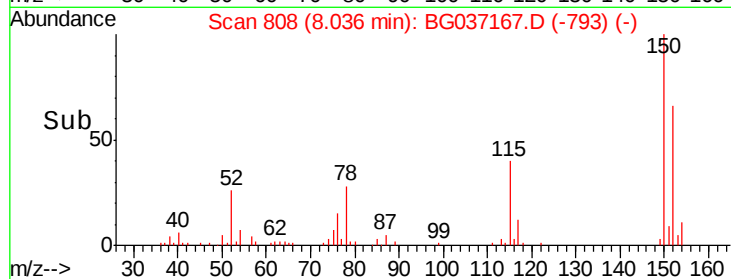
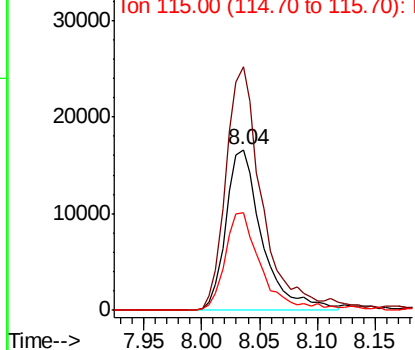
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Instrument :
BNA_G
ClientSampleId :
FBGW10318

Tgt Ion:152 Resp: 36241
Ion Ratio Lower Upper
152 100
150 151.7 119.5 179.3
115 60.9 44.5 66.7



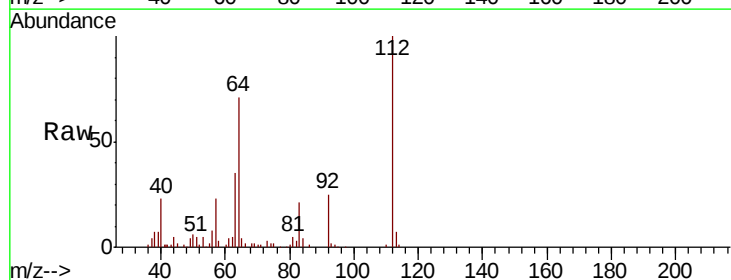
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



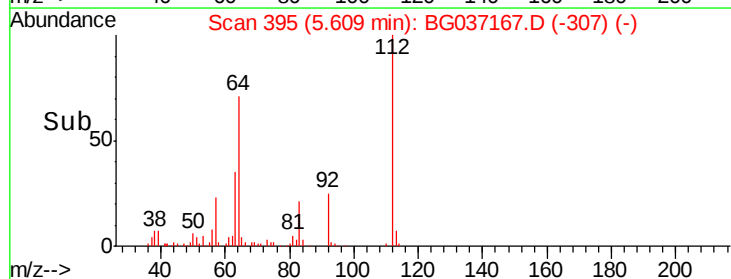
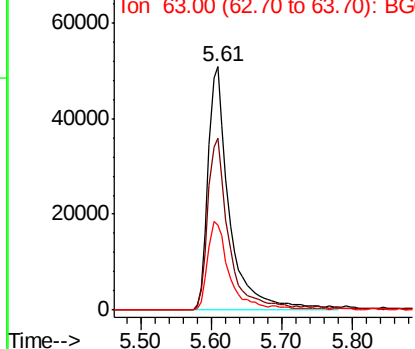
#5

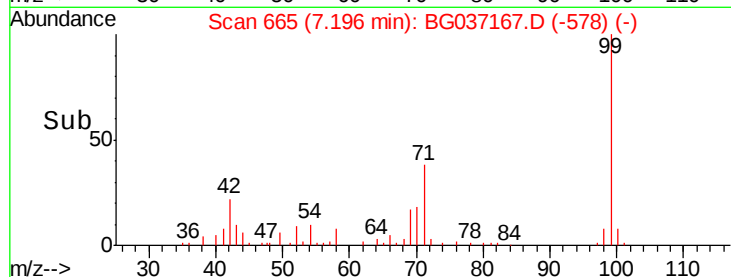
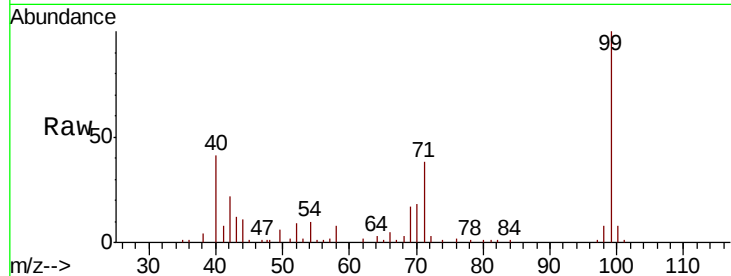
2-Fluorophenol
Concen: 56.942 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Tgt Ion:112 Resp: 107606
Ion Ratio Lower Upper
112 100
64 70.9 57.2 85.8
63 35.1 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: 30.276 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037167.D

Acq: 4 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

FBGW10318

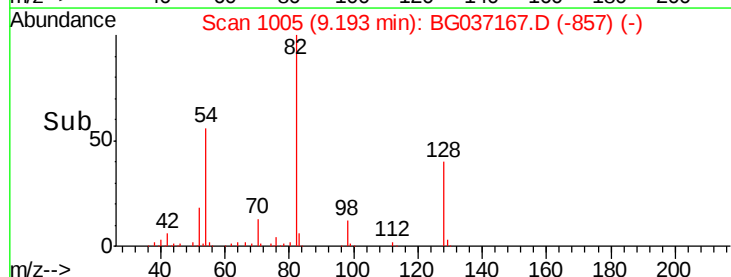
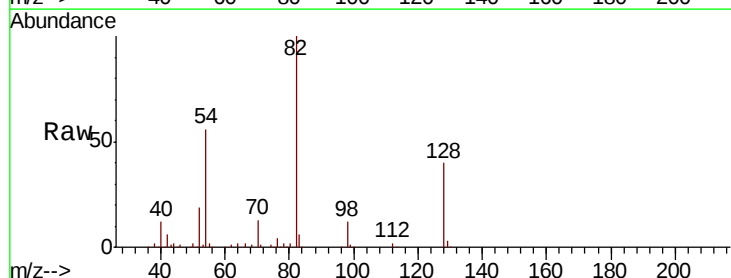
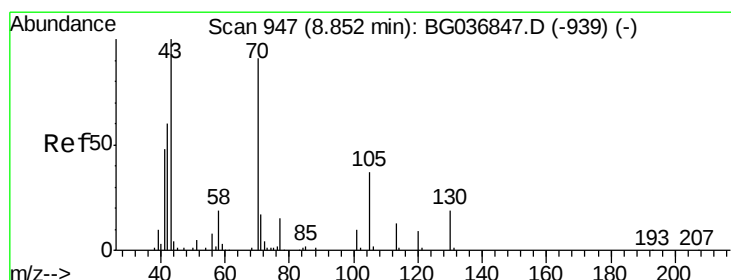
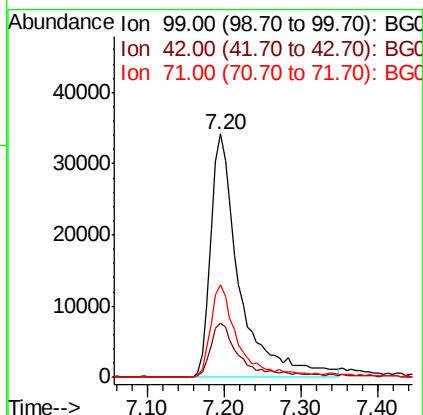
Tgt Ion: 99 Resp: 88519

Ion Ratio Lower Upper

99 100

42 22.4 16.5 24.7

71 38.1 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.466 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037167.D

Acq: 4 Oct 2018 22:42

Tgt Ion: 70 Resp: 32753

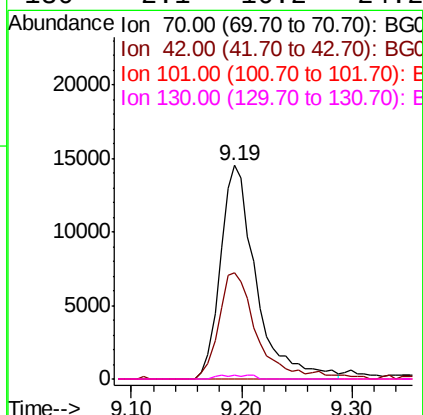
Ion Ratio Lower Upper

70 100

42 49.6 56.2 84.4#

101 0.0 7.8 11.6#

130 2.1 16.2 24.2#

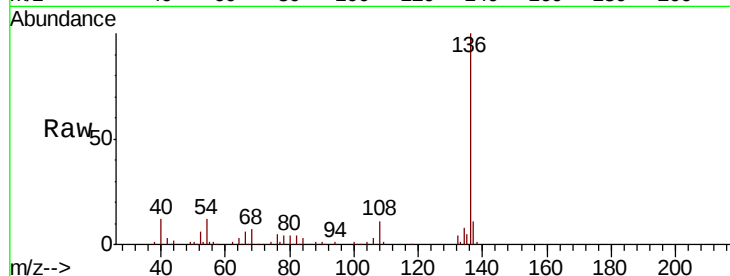




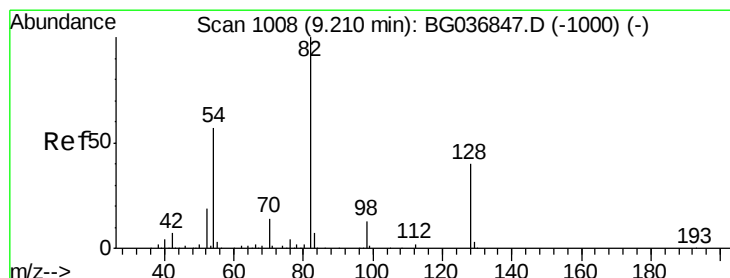
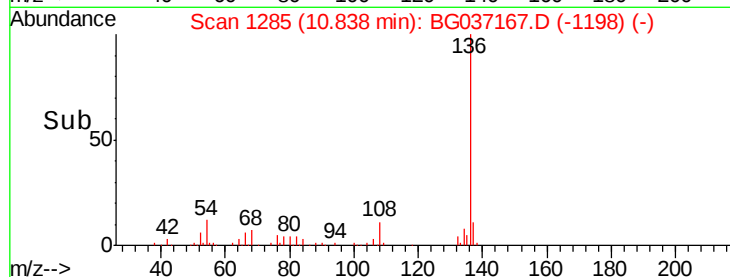
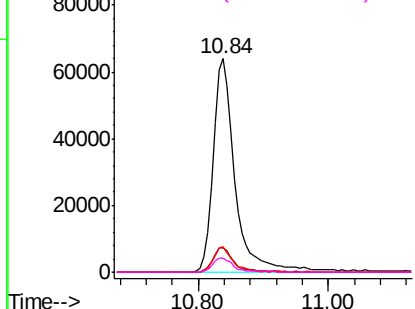
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Instrument :
BNA_G
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Tgt Ion:	136	Resp:	148948
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	12.1	9.2	13.8
68	6.5	5.8	8.6

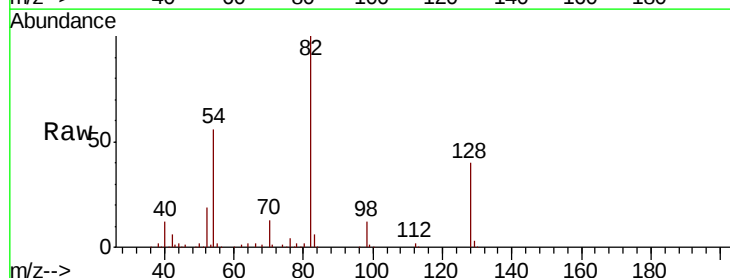


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

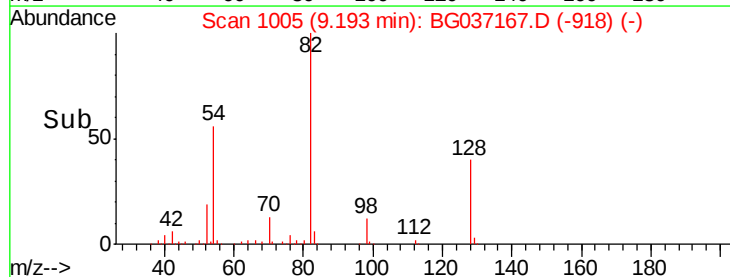
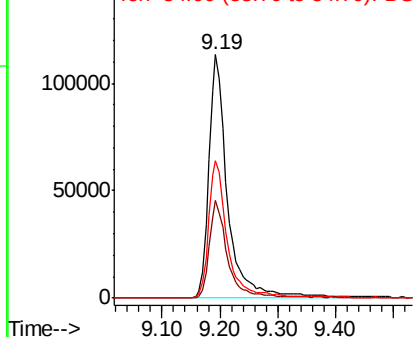


#23
Nitrobenzene-d5
Concen: 92.699 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Tgt Ion:	82	Resp:	257834
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	56.3	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: BG037167.D

Acq: 4 Oct 2018 22:42

Instrument :

BNA_G

ClientSampleId :

FBGW10318

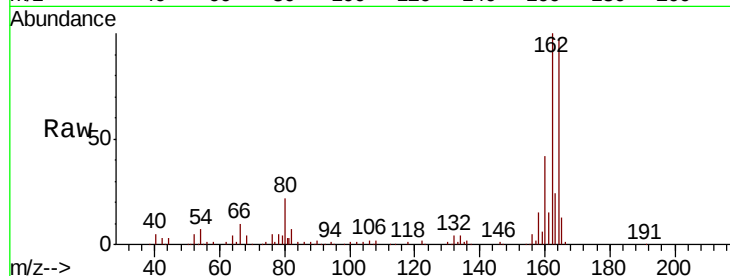
Tgt Ion:164 Resp: 104117

Ion Ratio Lower Upper

164 100

162 102.9 80.7 121.1

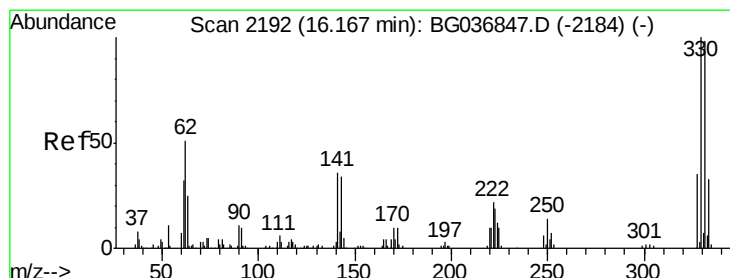
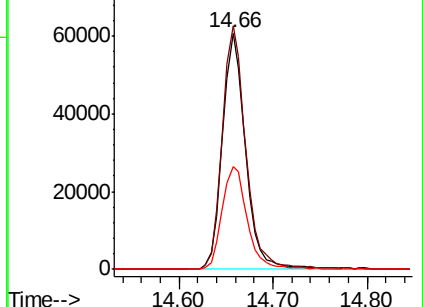
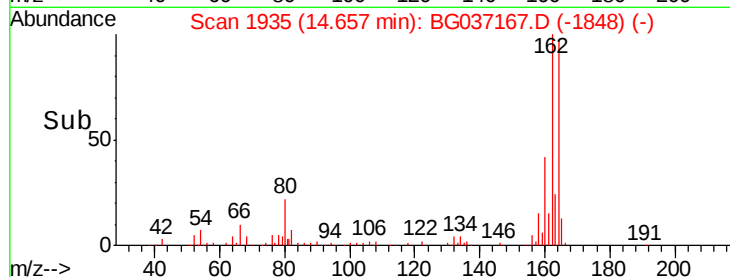
160 43.7 35.3 52.9



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: 109.666 ng

RT: 16.15 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BG037167.D

Acq: 4 Oct 2018 22:42

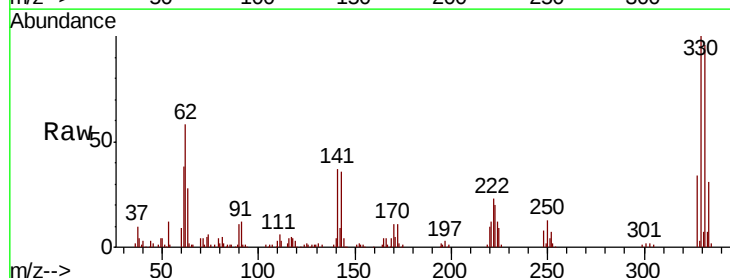
Tgt Ion:330 Resp: 136610

Ion Ratio Lower Upper

330 100

332 96.5 75.4 113.2

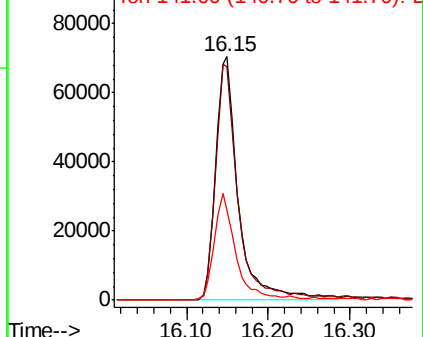
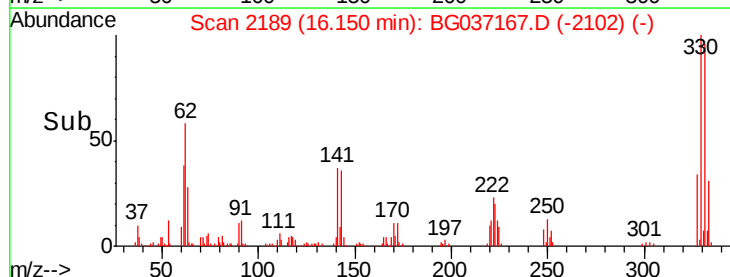
141 41.8 30.7 46.1



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

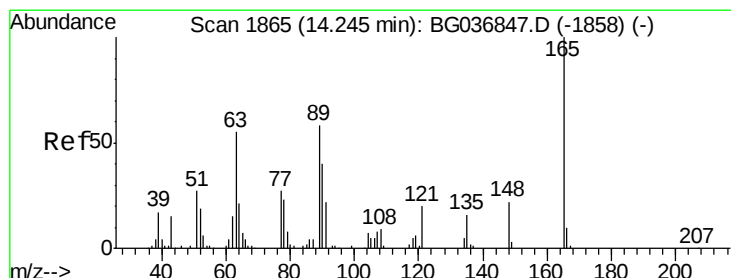
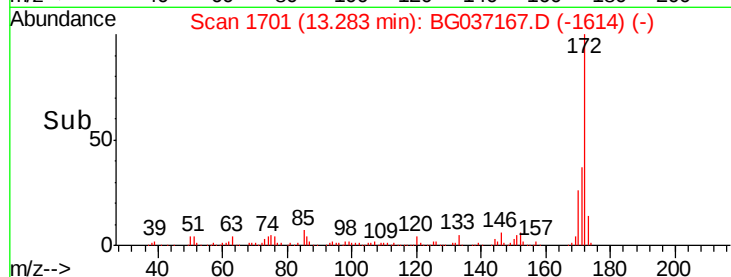
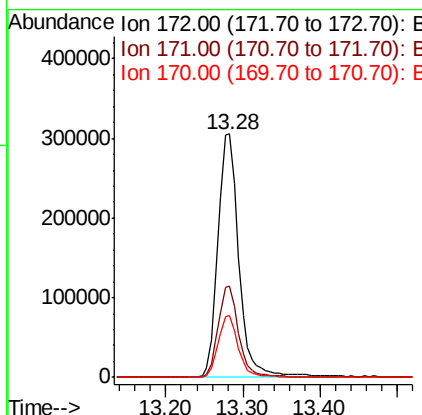
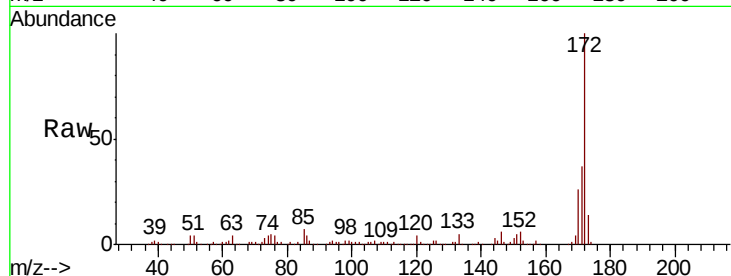




#44
 2-Fluorobiphenyl
 Concen: 82.359 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037167.D
 Acq: 4 Oct 2018 22:42

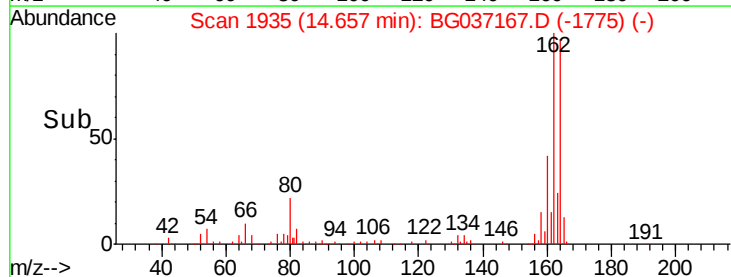
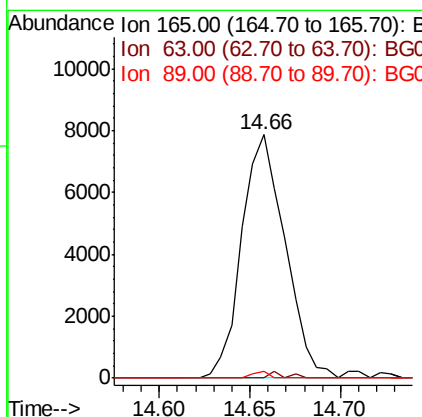
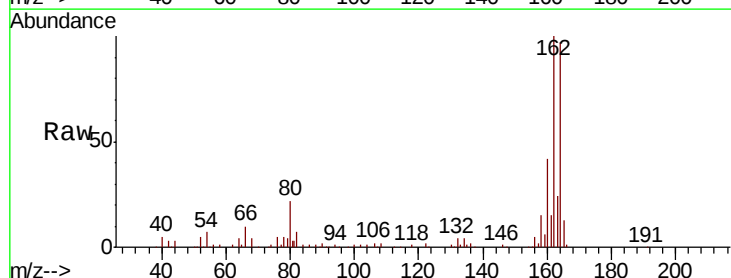
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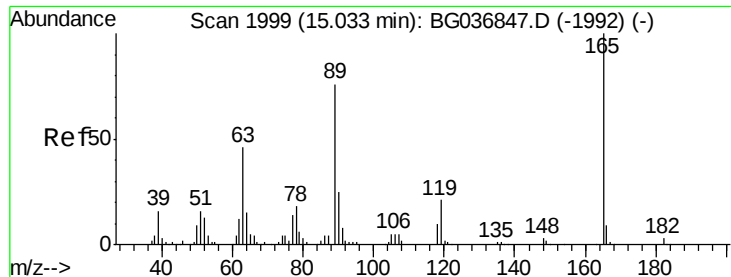
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.3	46.9
170	25.5	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.137 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.41 min
 Lab File: BG037167.D
 Acq: 4 Oct 2018 22:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.6	47.8	71.6#

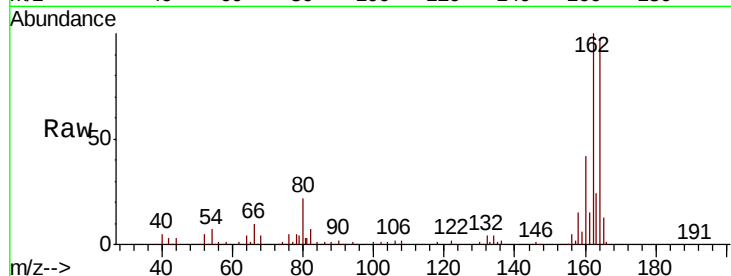




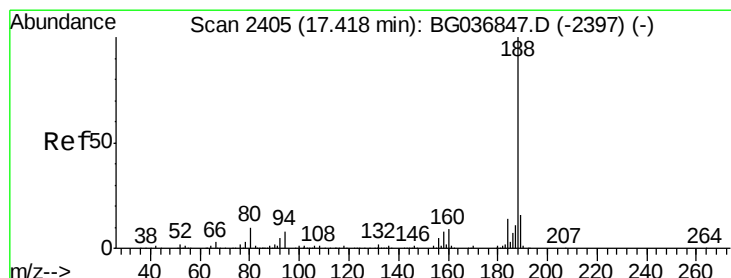
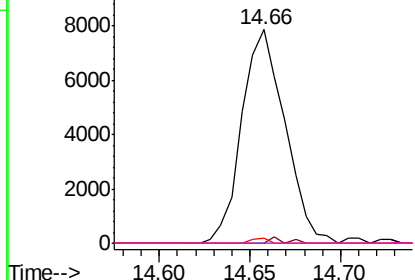
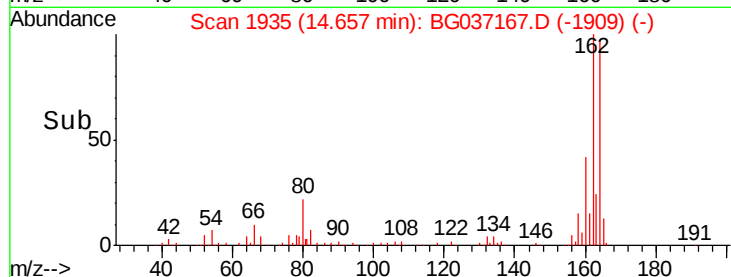
#56
2,4-Dinitrotoluene
Concen: 5.115 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.38 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Instrument :
BNA_G
ClientSampleId :
FBGW10318

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.6	63.7	95.5#
182	0.0	2.5	3.7#

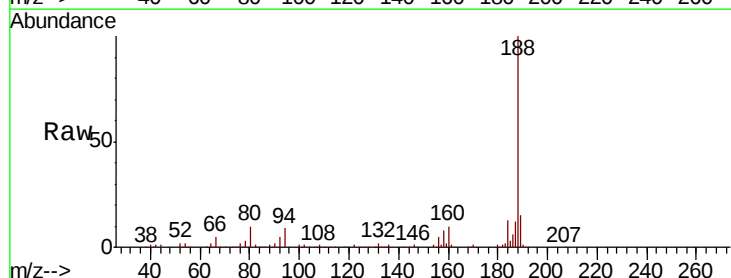


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

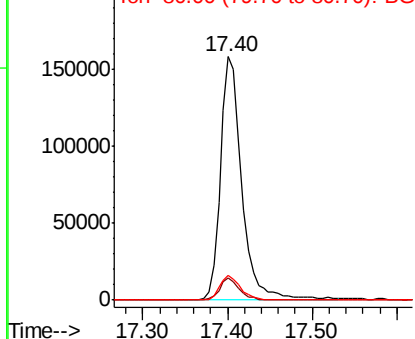
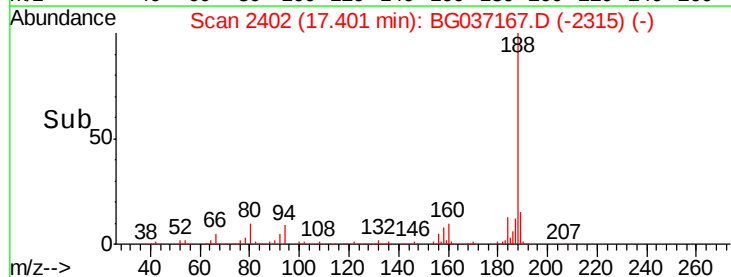


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.7	10.1
80	9.9	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

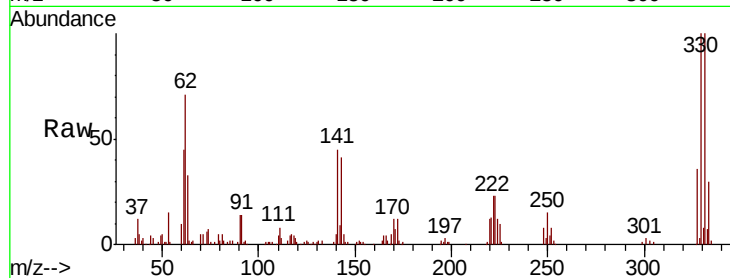




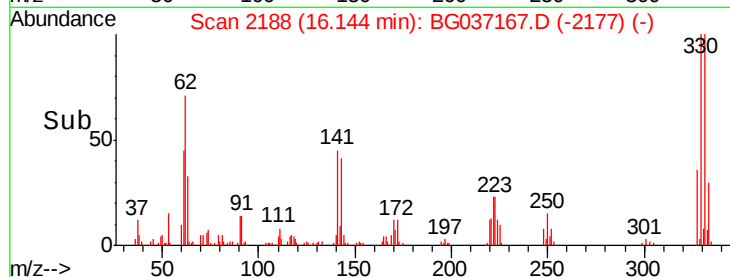
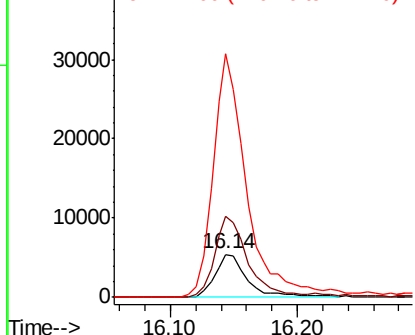
#66
 4-Bromophenyl-phenylether
 Concen: 3.049 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.46 min
 Lab File: BG037167.D
 Acq: 4 Oct 2018 22:42

Instrument :
 BNA_G
 ClientSampleId :
 FBGW10318

Tgt Ion:248 Resp: 9656
 Ion Ratio Lower Upper
 248 100
 250 188.4 78.1 117.1#
 141 564.7 53.7 80.5#

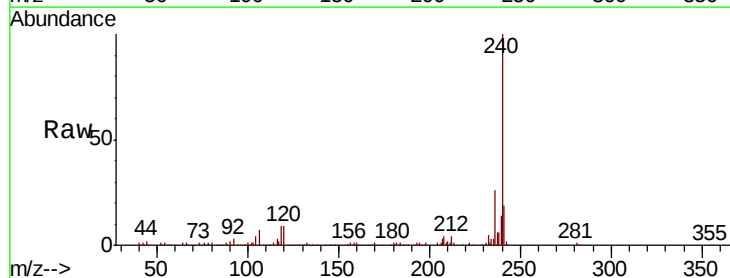


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

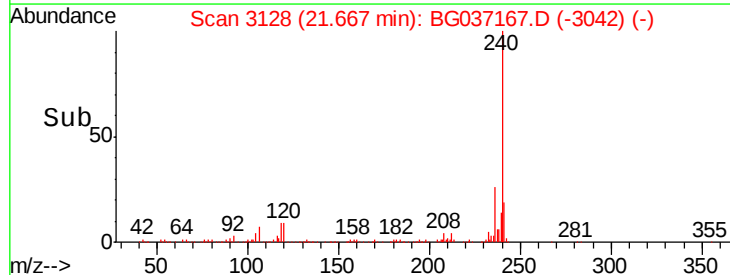
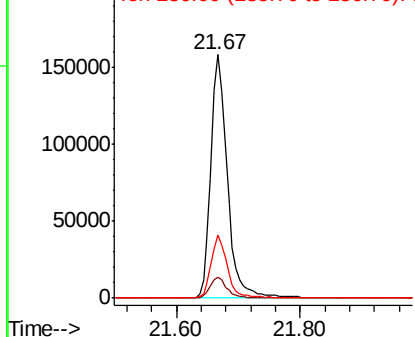


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037167.D
 Acq: 4 Oct 2018 22:42

Tgt Ion:240 Resp: 291639
 Ion Ratio Lower Upper
 240 100
 120 8.8 6.9 10.3
 236 25.8 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

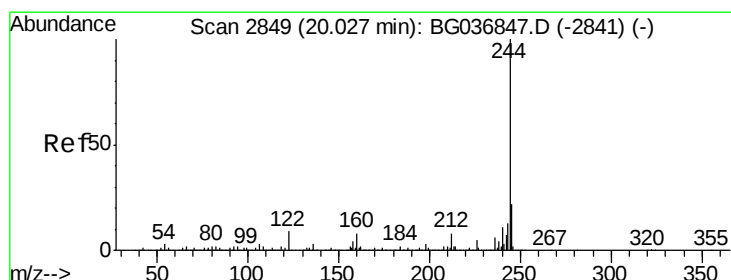
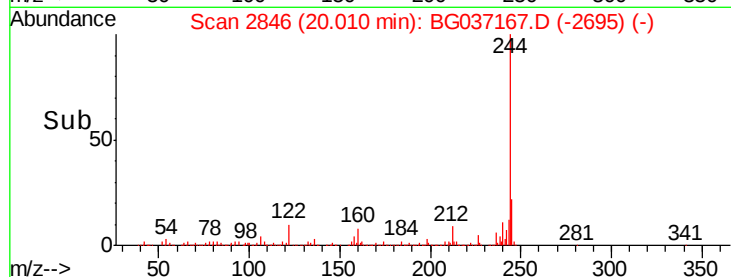
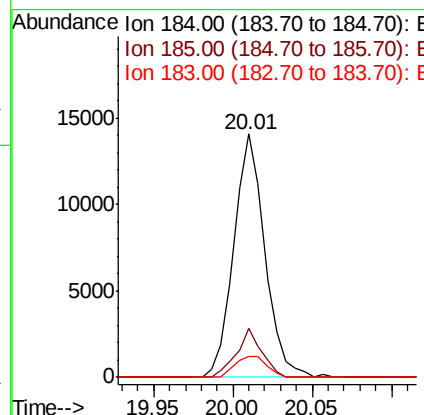
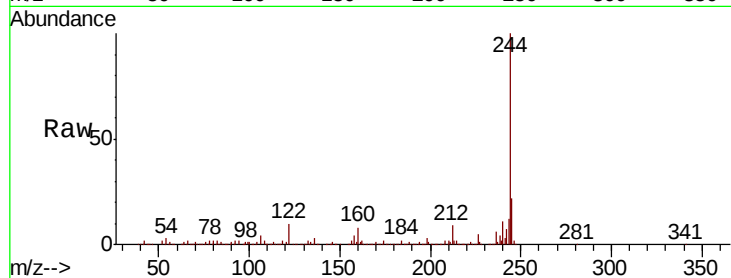




#76
Benzidine
Concen: 2.167 ng
RT: 20.01 min Scan# 2846
Delta R.T. 0.36 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

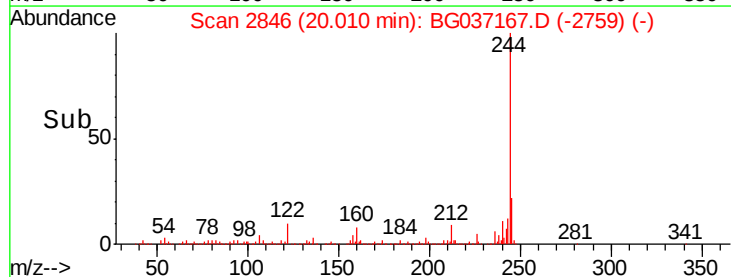
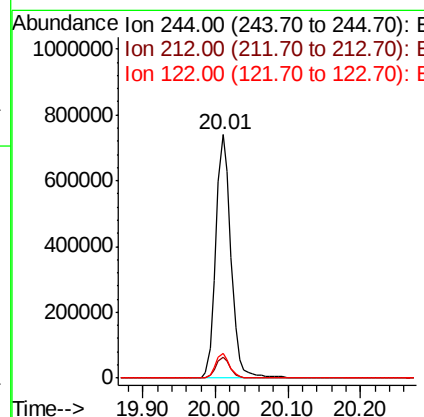
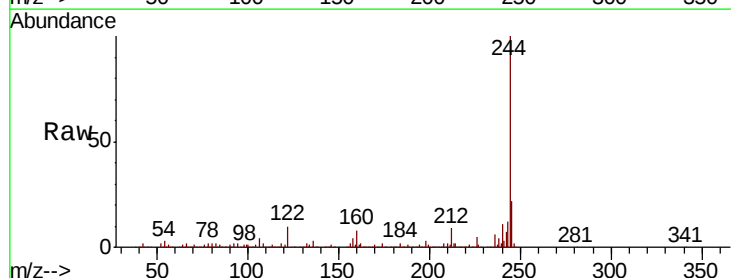
Instrument :
BNA_G
ClientSampleId :
FBGW10318

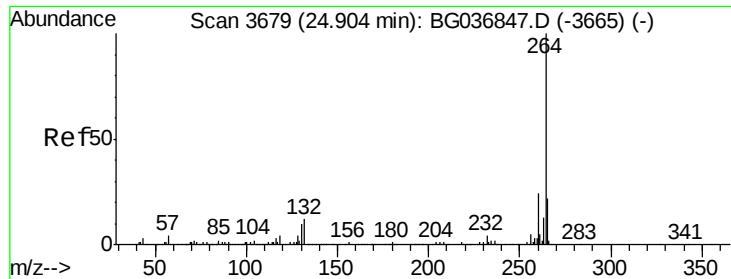
Tgt Ion:184 Resp: 19108
Ion Ratio Lower Upper
184 100
185 20.2 12.6 18.8#
183 8.4 10.9 16.3#



#78
Terphenyl-d14
Concen: 97.476 ng
RT: 20.01 min Scan# 2846
Delta R.T. -0.02 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Tgt Ion:244 Resp: 1081109
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.6
122 9.9 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG037167.D
Acq: 4 Oct 2018 22:42

Instrument :
BNA_G
ClientSampleId :
FBGW10318

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	20.8	17.4	26.0

