

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100218\
 Data File : BG037116.D
 Acq On : 2 Oct 2018 22:31
 Operator : JU/SJ
 Sample : J5187-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

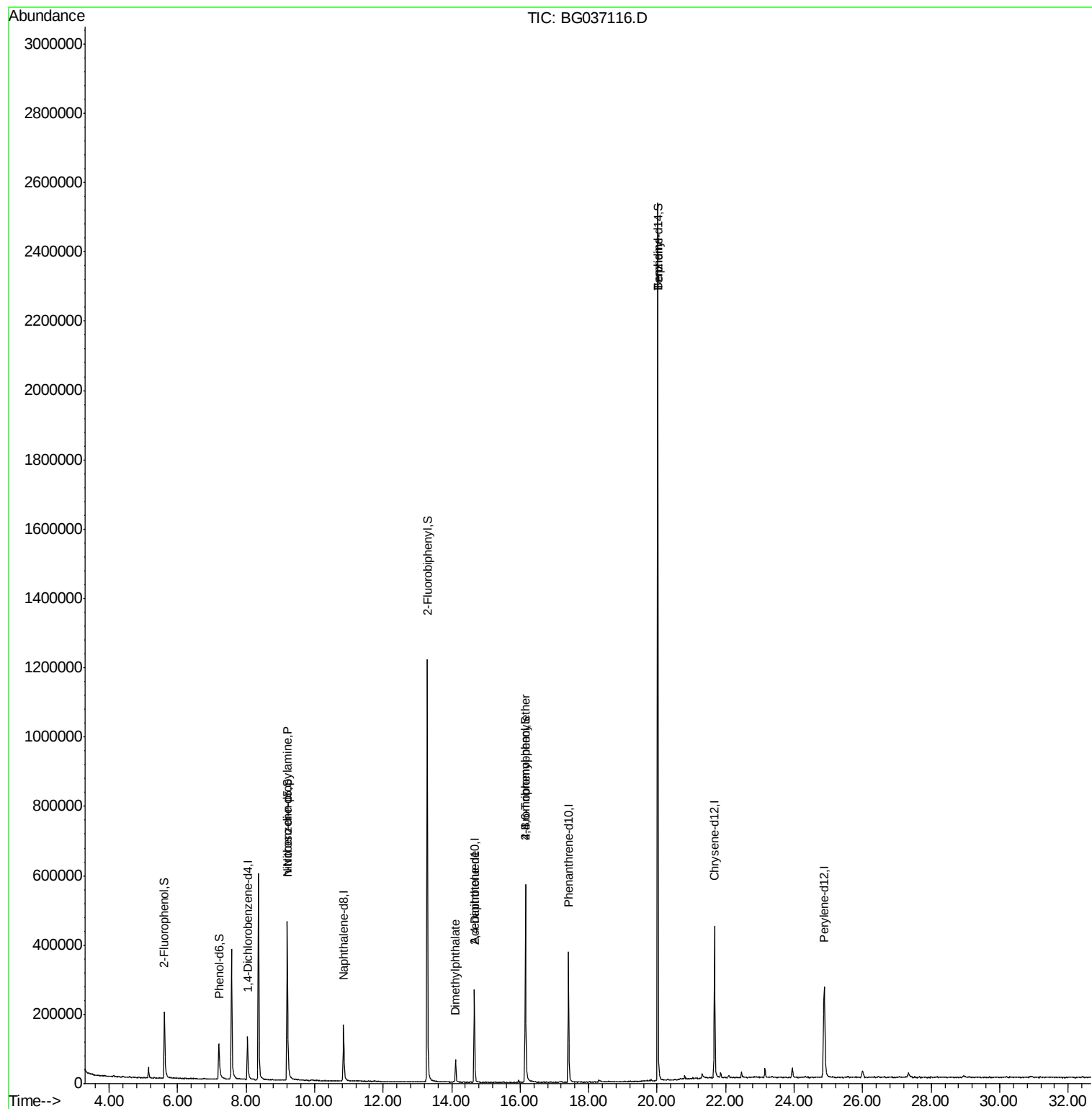
Quant Time: Oct 03 01:58:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

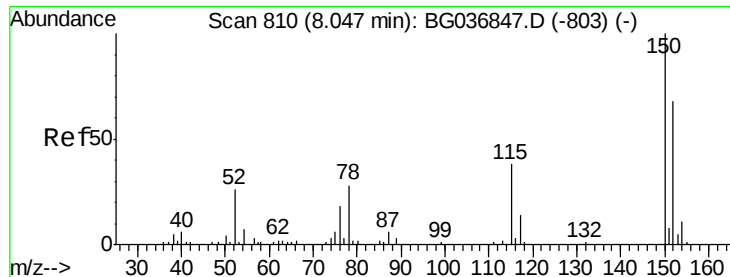
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42351	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	164375	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	104046	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	271765	20.00	ng	0.00
75) Chrysene-d12	21.67	240	291843	20.00	ng	-0.01
86) Perylene-d12	24.88	264	290070	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	104864	47.49	ng	0.00
7) Phenol-d6	7.20	99	85863	25.13	ng	0.00
23) Nitrobenzene-d5	9.20	82	343358	111.86	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	117654	94.51	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	716599	102.58	ng	-0.01
78) Terphenyl-d14	20.02	244	1236823	111.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	44171	15.541	ng	# 71
49) Dimethylphthalate	14.11	163	55021	6.570	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	12843	5.037	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	8333	2.696	ng	# 1
76) Benzidine	20.02	184	22251	2.522	ng	# 97

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

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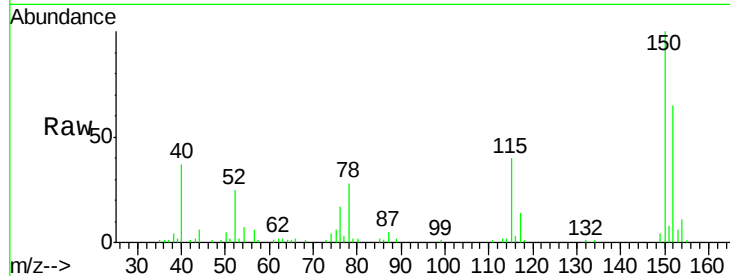




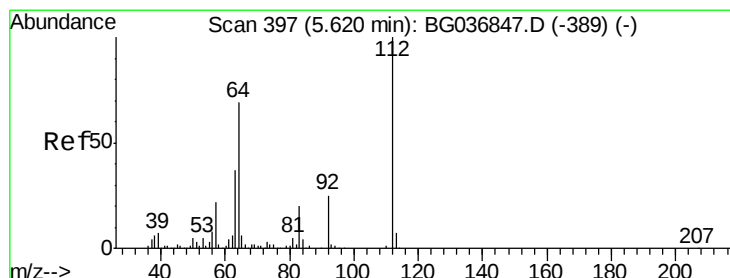
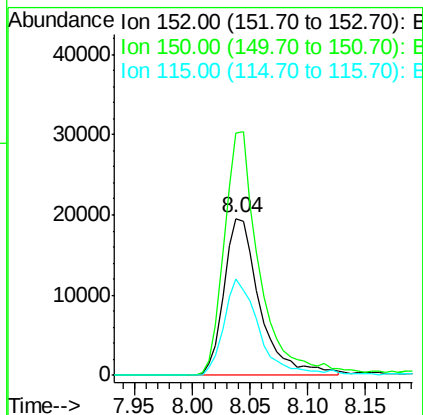
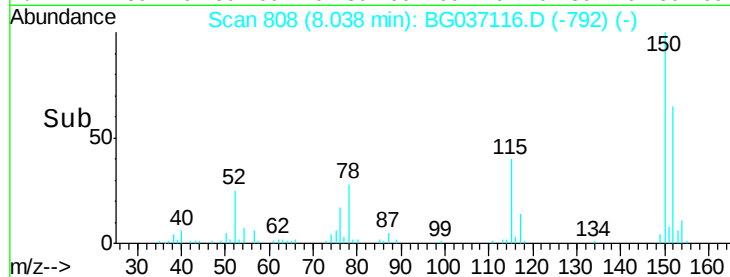
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037116.D
Acq: 2 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.5	179.3
115	61.6	44.5	66.7



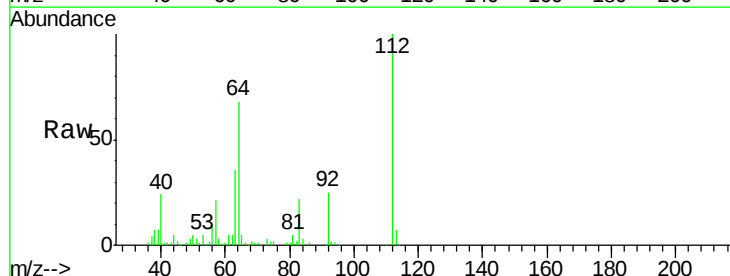
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



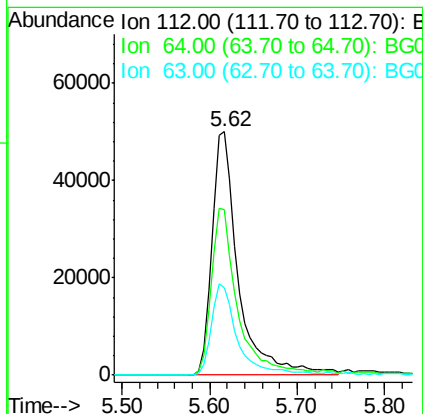
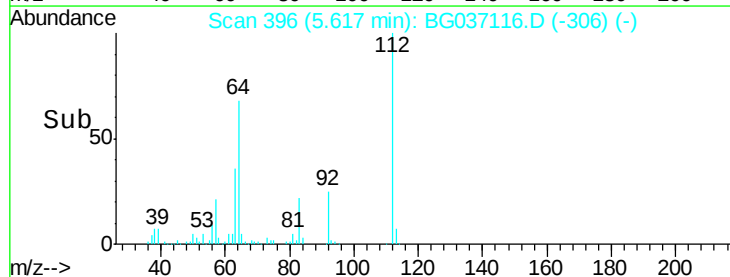
#5

2-Fluorophenol
Concen: 47.486 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037116.D
Acq: 2 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	57.2	85.8
63	36.0	30.8	46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 25.131 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037116.D

Acq: 2 Oct 2018 22:31

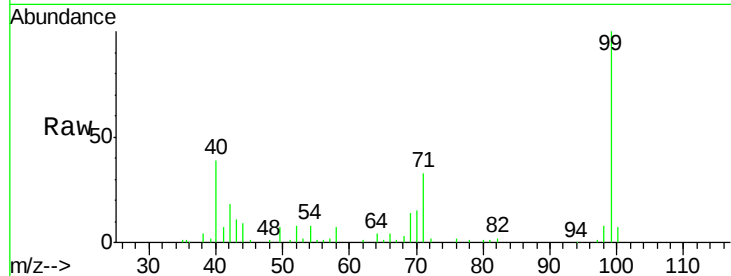
Tgt Ion: 99 Resp: 85863

Ion Ratio Lower Upper

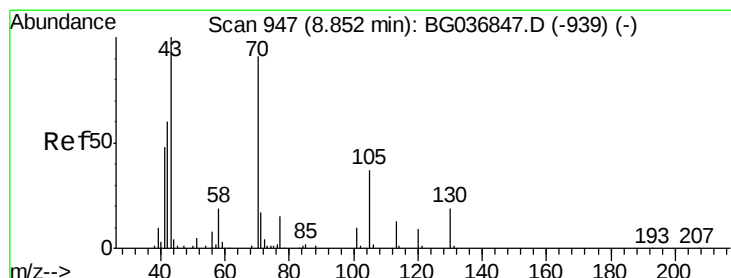
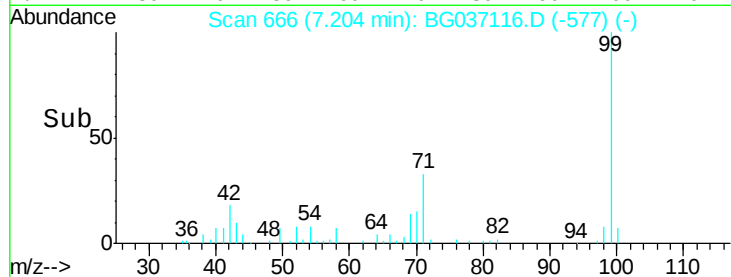
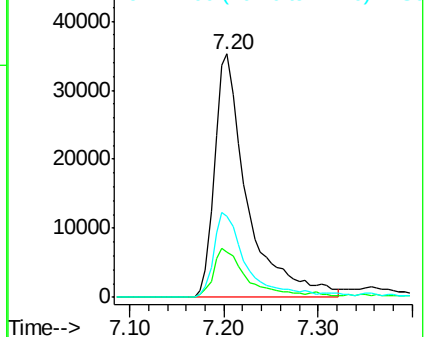
99 100

42 18.5 16.5 24.7

71 33.2 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: 15.541 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037116.D

Acq: 2 Oct 2018 22:31

Tgt Ion: 70 Resp: 44171

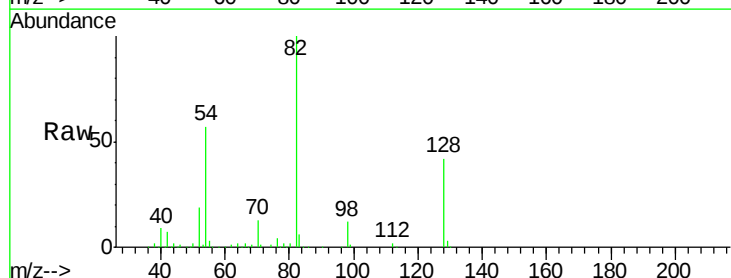
Ion Ratio Lower Upper

70 100

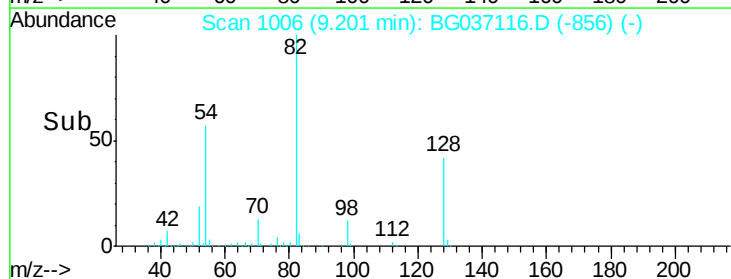
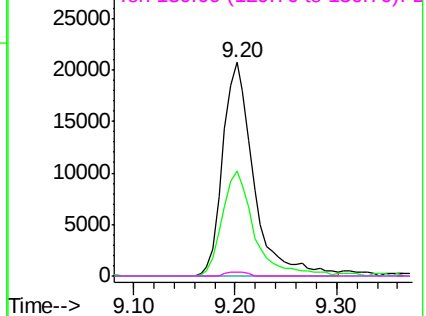
42 48.9 56.2 84.4#

101 0.0 7.8 11.6#

130 1.9 16.2 24.2#



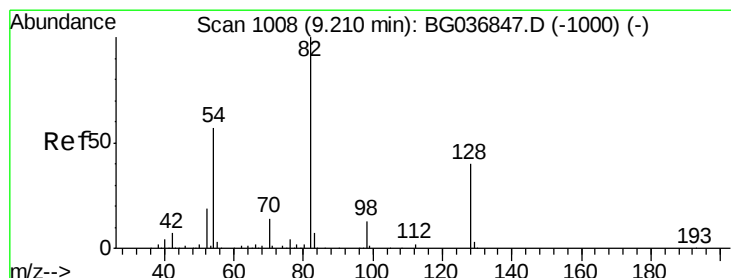
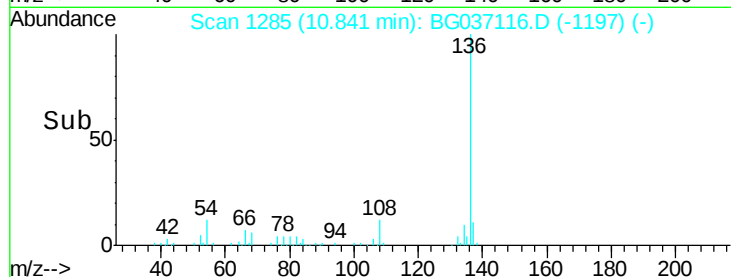
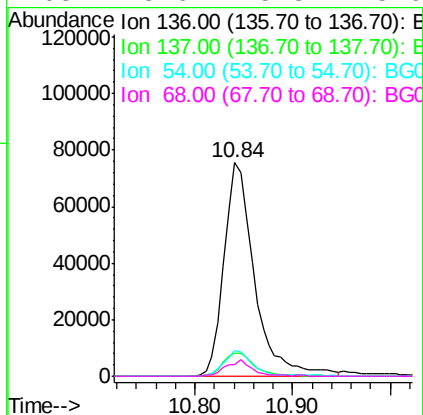
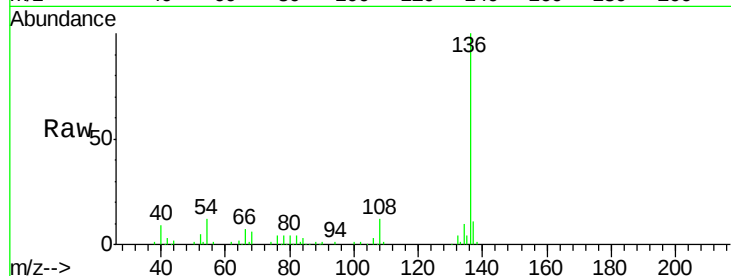
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





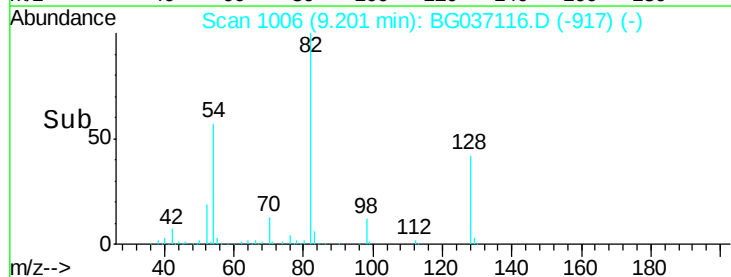
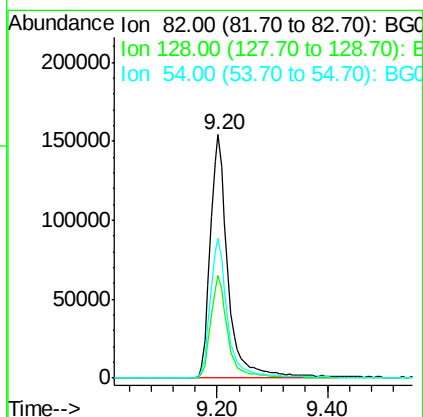
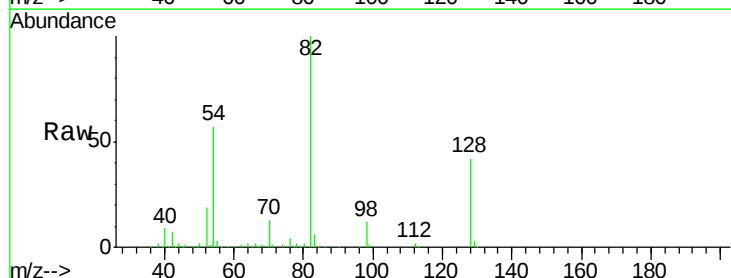
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG037116.D
Acq: 2 Oct 2018 22:31

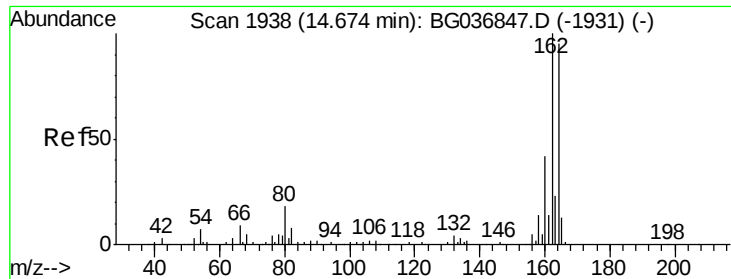
Tgt Ion:	136	Resp:	164375
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	11.8	9.2	13.8
68	5.6	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 111.861 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037116.D
Acq: 2 Oct 2018 22:31

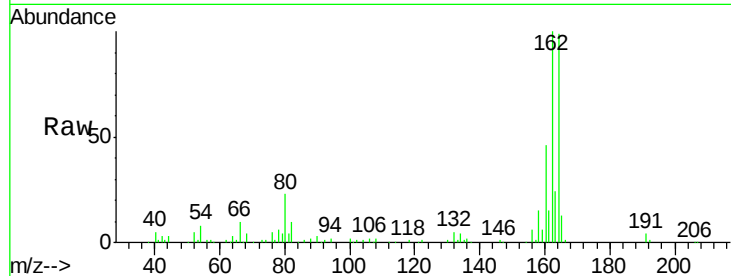
Tgt Ion:	82	Resp:	343358
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.3	49.9
54	57.3	45.1	67.7



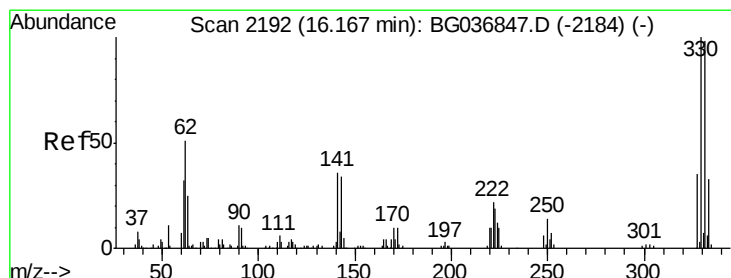
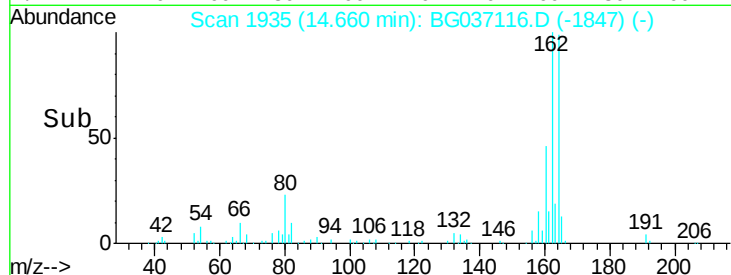
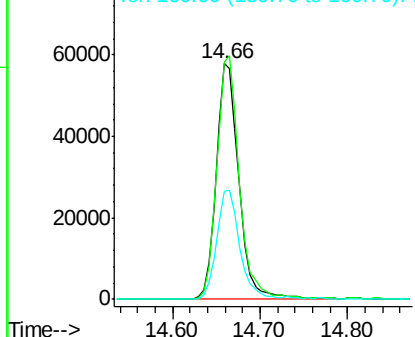


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG037116.D
Acq: 2 Oct 2018 22:31

Tgt Ion:164 Resp: 104046
Ion Ratio Lower Upper
164 100
162 100.6 80.7 121.1
160 45.9 35.3 52.9

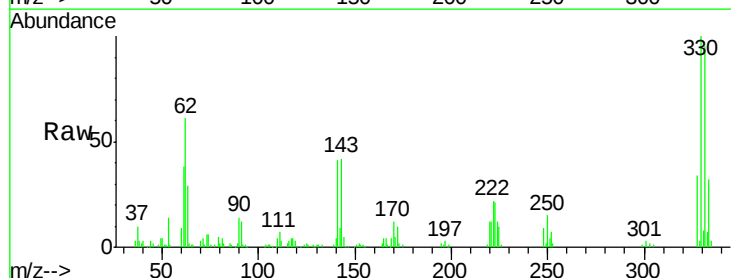


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

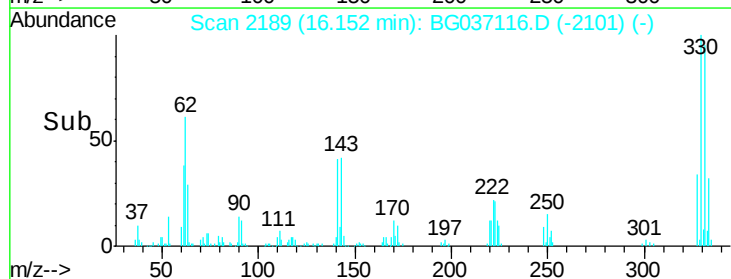
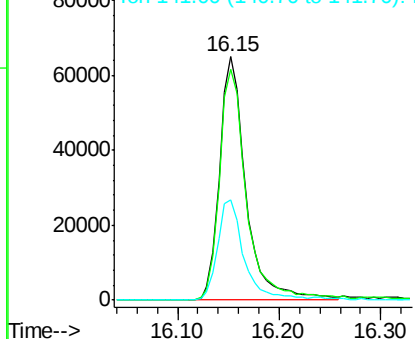


#41
2,4,6-Tribromophenol
Concen: 94.513 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BG037116.D
Acq: 2 Oct 2018 22:31

Tgt Ion:330 Resp: 117654
Ion Ratio Lower Upper
330 100
332 97.7 75.4 113.2
141 42.1 30.7 46.1



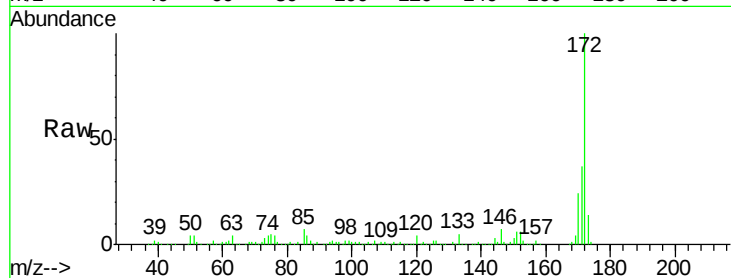
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



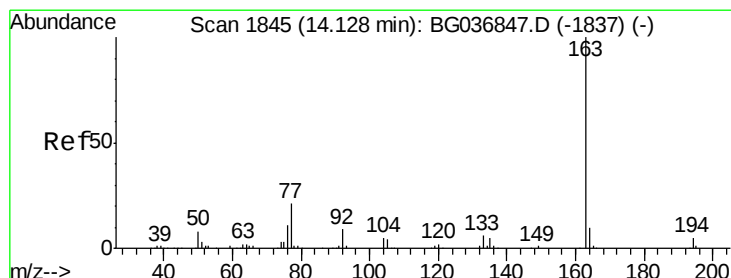
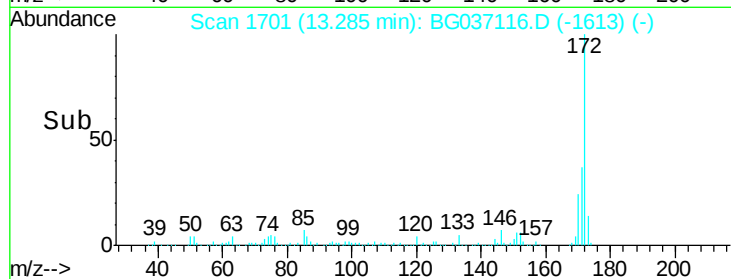
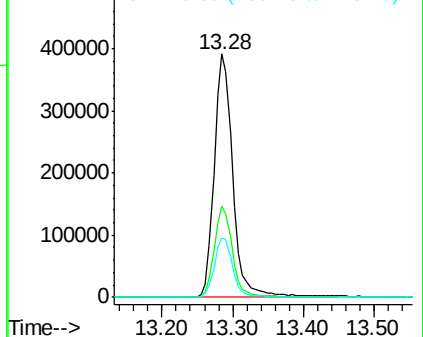


#44
 2-Fluorobiphenyl
 Concen: 102.579 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG037116.D
 Acq: 2 Oct 2018 22:31

Tgt Ion:	172	Resp:	716599
Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	24.3	21.0	31.6

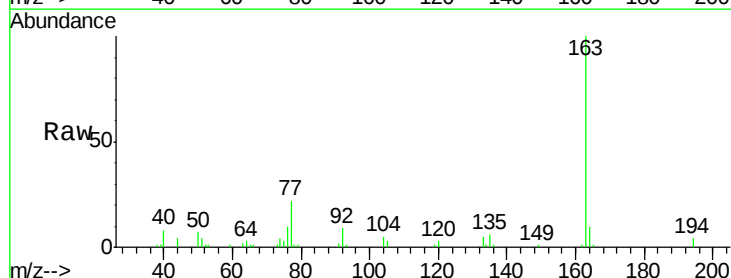


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

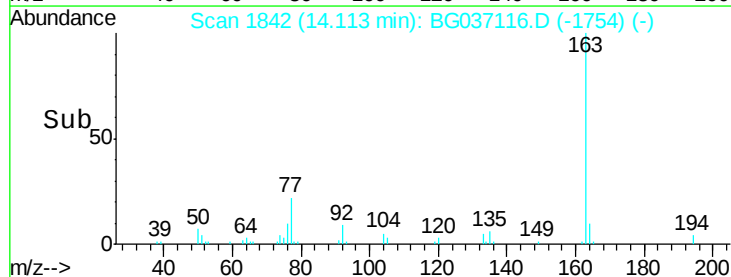
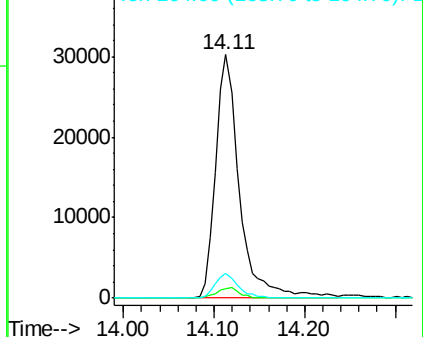


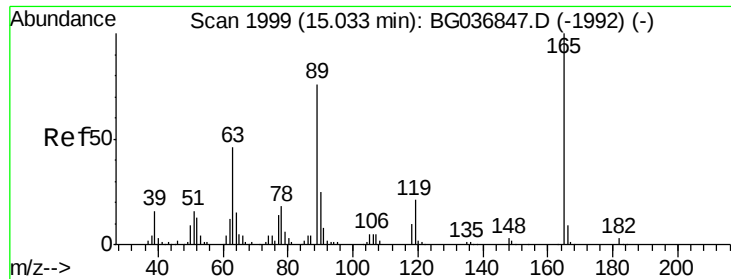
#49
 Dimethylphthalate
 Concen: 6.570 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BG037116.D
 Acq: 2 Oct 2018 22:31

Tgt Ion:	163	Resp:	55021
Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	10.1	8.1	12.1



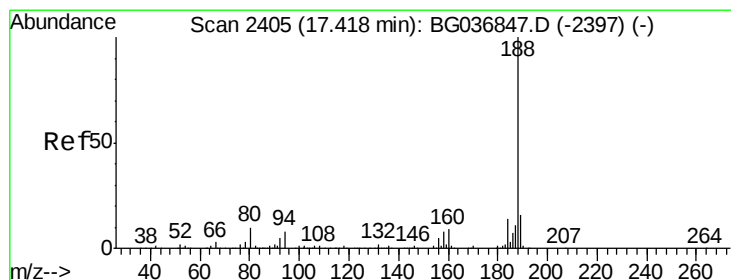
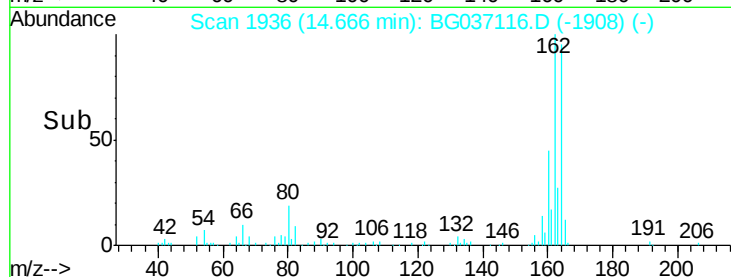
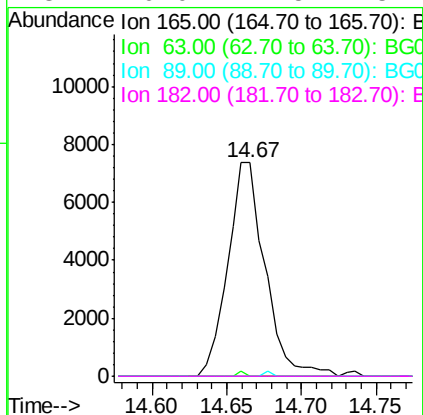
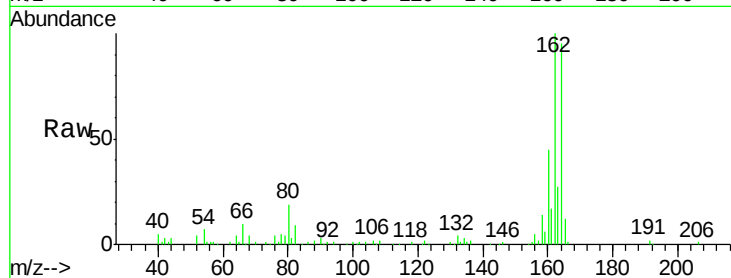
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





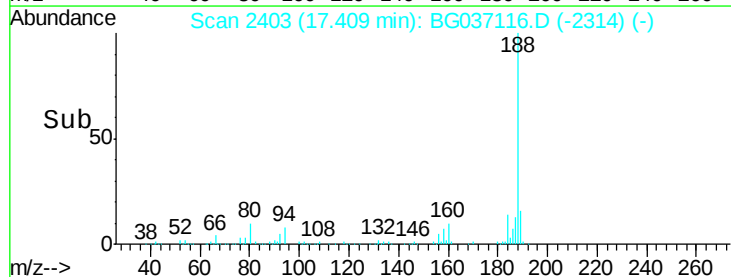
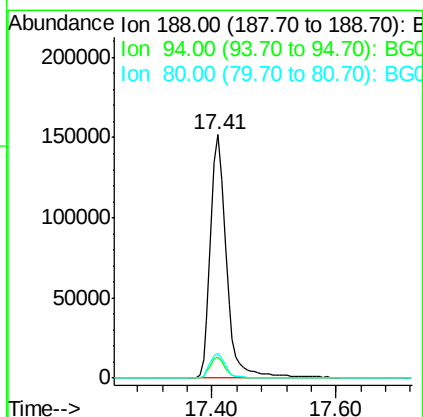
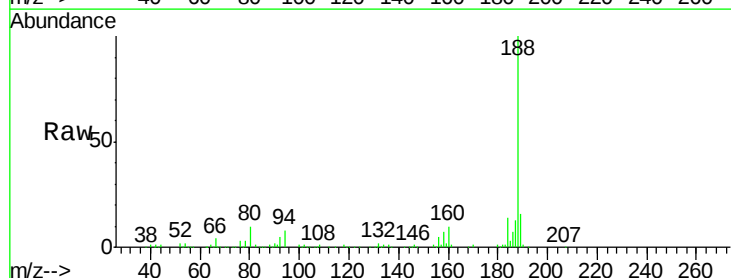
#56
2,4-Dinitrotoluene
Concen: 5.037 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037116.D
Acq: 2 Oct 2018 22:31

Tgt Ion:165 Resp: 12843
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: BG037116.D
Acq: 2 Oct 2018 22:31

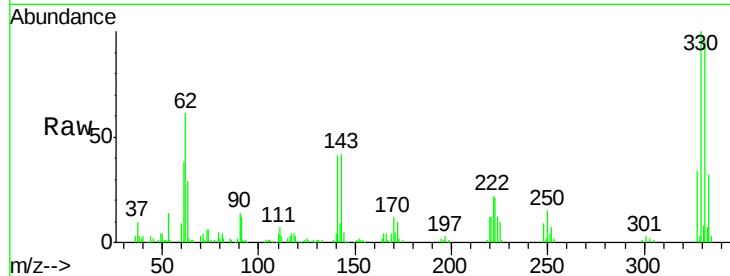
Tgt Ion:188 Resp: 271765
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 10.2 8.1 12.1



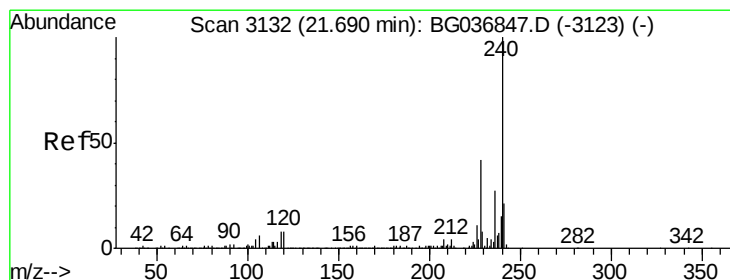
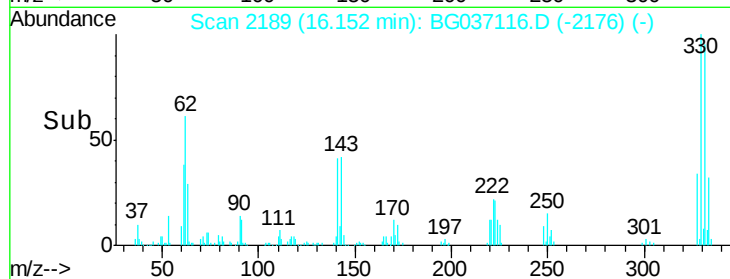
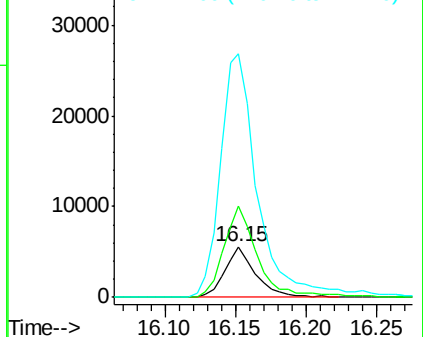


#66
 4-Bromophenyl-phenylether
 Concen: 2.696 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037116.D
 Acq: 2 Oct 2018 22:31

Tgt Ion:248 Resp: 8333
 Ion Ratio Lower Upper
 248 100
 250 180.1 78.1 117.1#
 141 481.9 53.7 80.5#

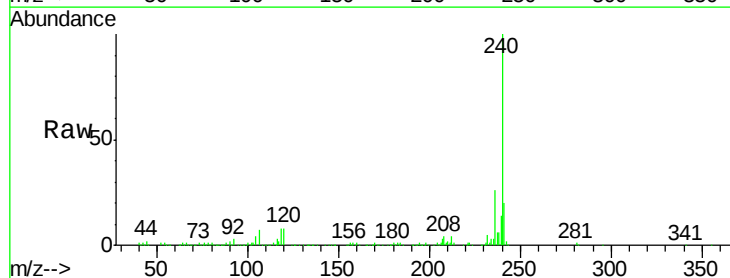


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

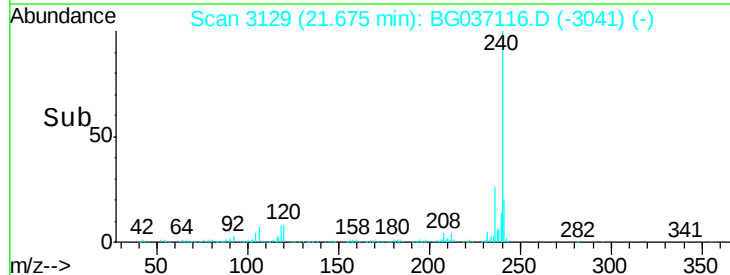
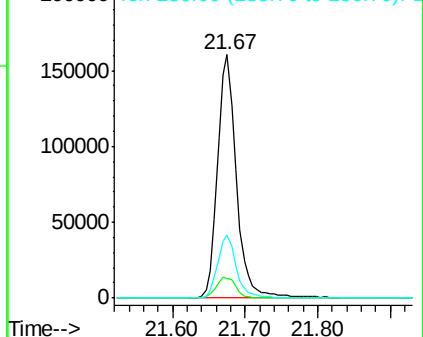


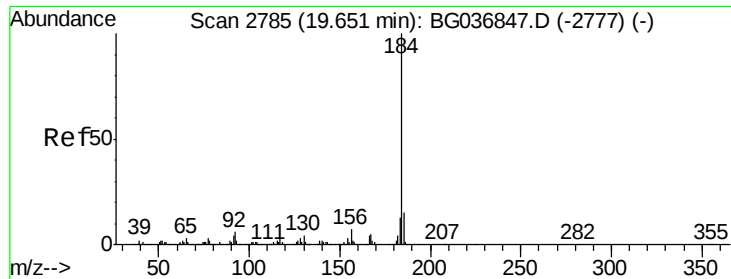
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BG037116.D
 Acq: 2 Oct 2018 22:31

Tgt Ion:240 Resp: 291843
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.9 10.3
 236 26.2 21.2 31.8



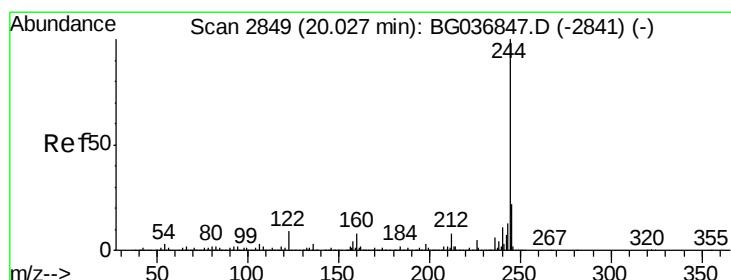
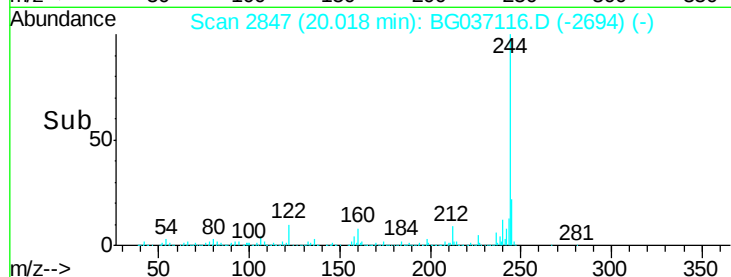
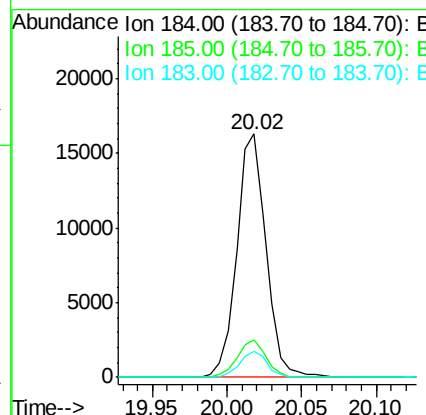
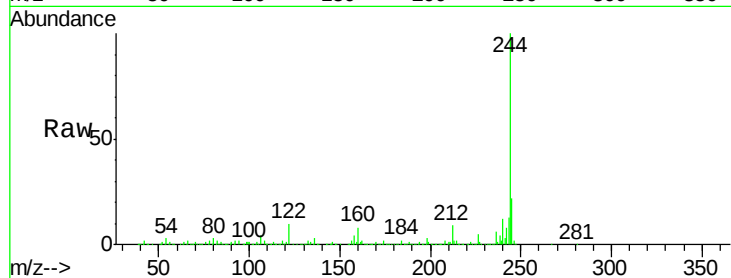
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





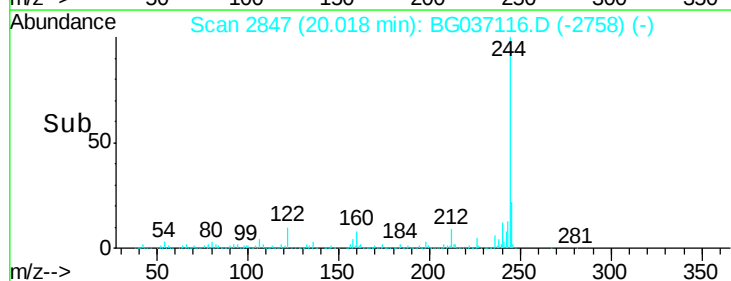
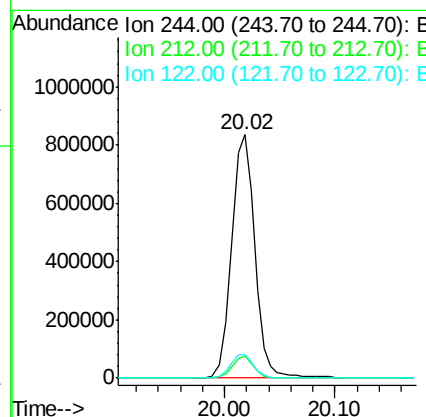
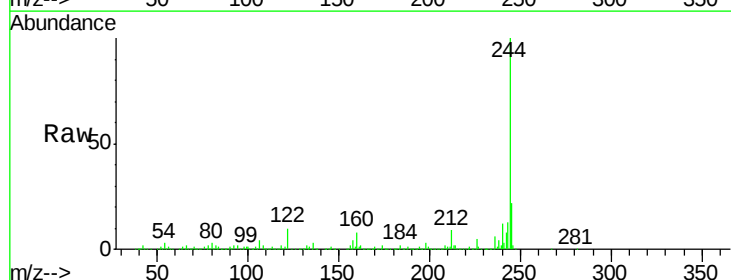
#76
Benzidine
Concen: 2.522 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.37 min
Lab File: BG037116.D
Acq: 2 Oct 2018 22:31

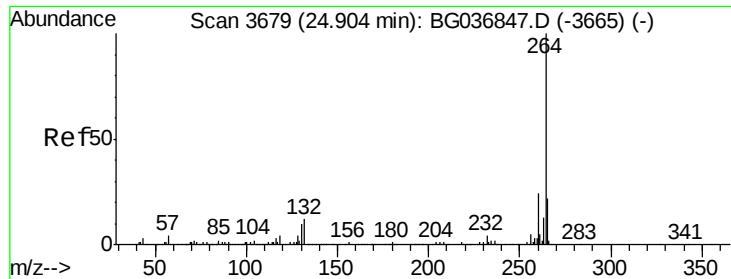
Tgt Ion:184 Resp: 22251
Ion Ratio Lower Upper
184 100
185 15.6 12.6 18.8
183 10.8 10.9 16.3#



#78
Terphenyl-d14
Concen: 111.437 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037116.D
Acq: 2 Oct 2018 22:31

Tgt Ion:244 Resp: 1236823
Ion Ratio Lower Upper
244 100
212 9.0 7.0 10.6
122 9.9 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037116.D
Acq: 2 Oct 2018 22:31

Tgt Ion:	264	Resp:	290070
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.3	17.4	26.0

