

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100218\
 Data File : BG037115.D
 Acq On : 2 Oct 2018 21:52
 Operator : JU/SJ
 Sample : J5187-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 03 01:57:48 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

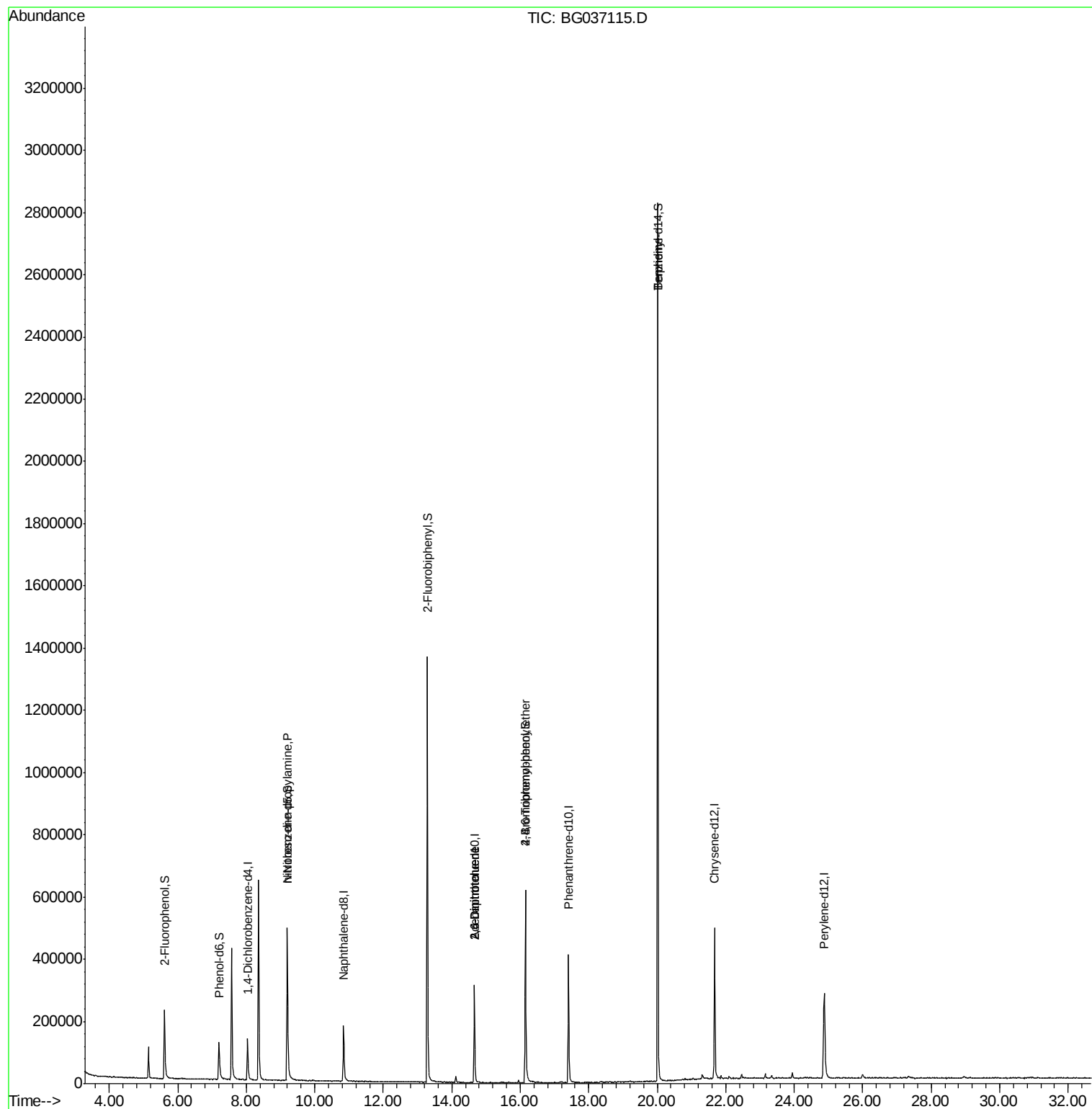
Response via : Initial Calibration

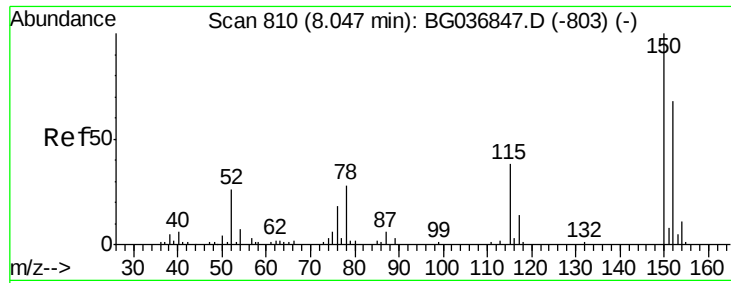
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46133	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	187742	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	116784	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	298534	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	329131	20.00	ng	-0.02
86) Perylene-d12	24.88	264	324895	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	116494	48.43	ng	0.00
7) Phenol-d6	7.20	99	97040	26.07	ng	-0.01
23) Nitrobenzene-d5	9.20	82	369251	105.32	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	128153	91.72	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	768701	98.04	ng	-0.01
78) Terphenyl-d14	20.02	244	1359583	108.62	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	48204	15.569	ng	# 73
50) 2,6-Dinitrotoluene	14.66	165	15514	7.564	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	15514	5.421	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	9260	2.727	ng	# 1
76) Benzidine	20.02	184	24727	2.485	ng	# 91

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

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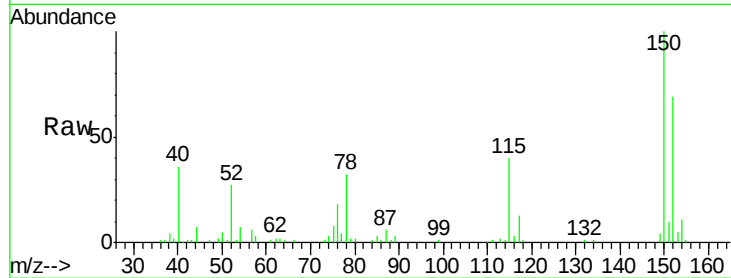
Quant Time: Oct 03 01:57:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
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QLast Update : Mon Sep 24 10:41:23 2018
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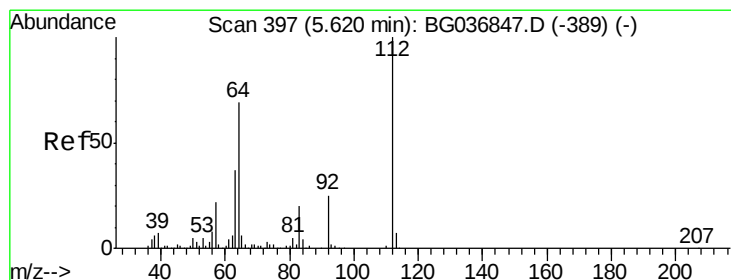
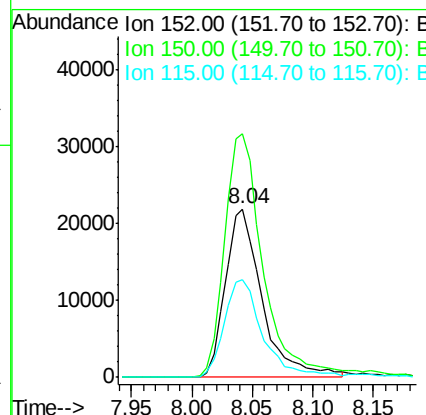
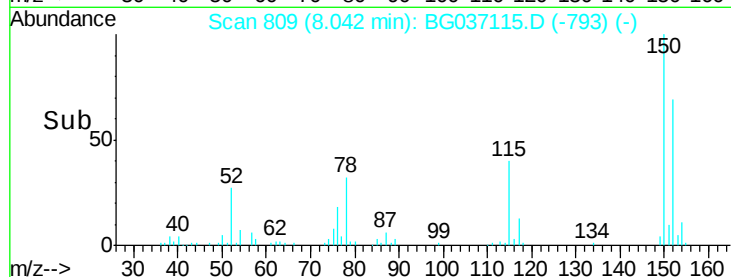


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BG037115.D
 Acq: 2 Oct 2018 21:52

Tgt Ion:152 Resp: 46133
 Ion Ratio Lower Upper
 152 100
 150 144.6 119.5 179.3
 115 58.3 44.5 66.7

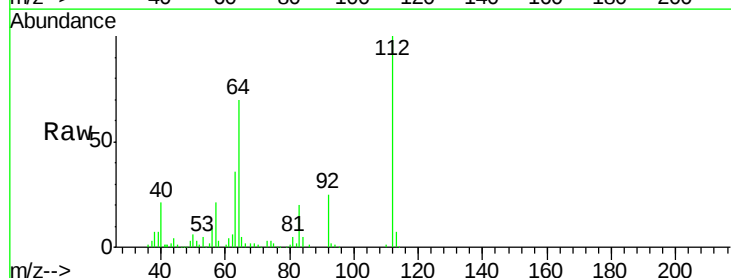


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

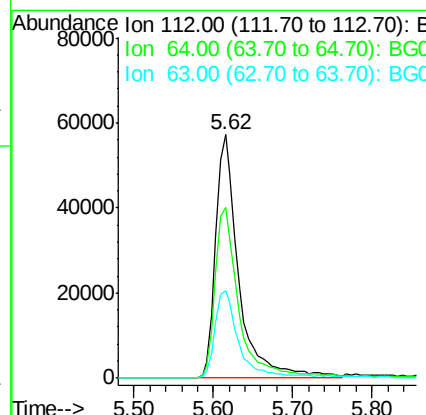
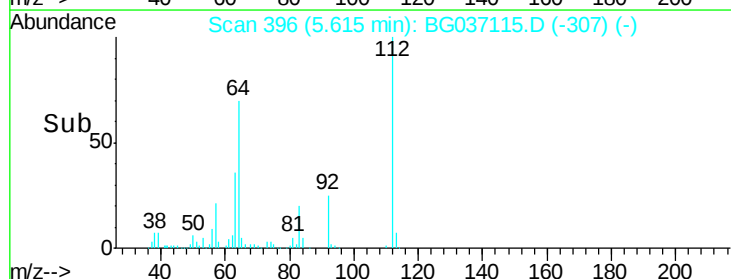


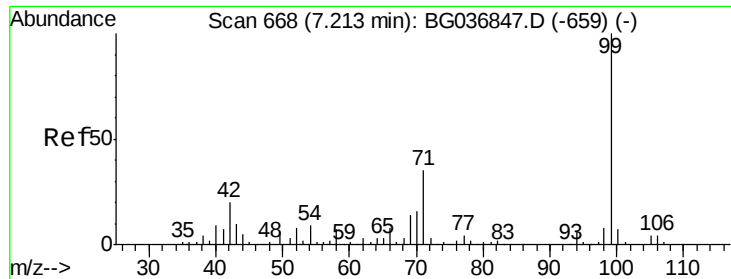
#5
 2-Fluorophenol
 Concen: 48.427 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BG037115.D
 Acq: 2 Oct 2018 21:52

Tgt Ion:112 Resp: 116494
 Ion Ratio Lower Upper
 112 100
 64 70.2 57.2 85.8
 63 35.7 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: 26.074 ng

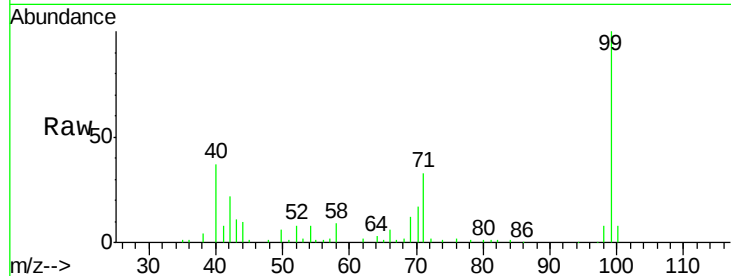
RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

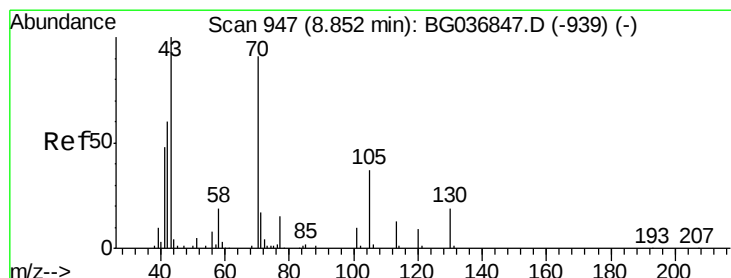
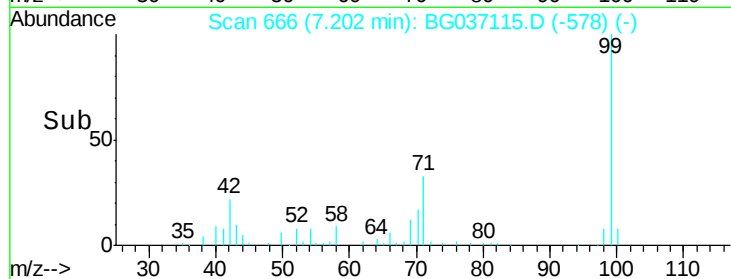
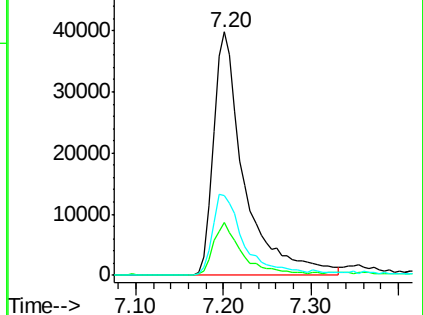
Lab File: BG037115.D

Acq: 2 Oct 2018 21:52

Tgt Ion:	99	Resp:	97040
Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.5	24.7
71	32.6	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: 15.569 ng

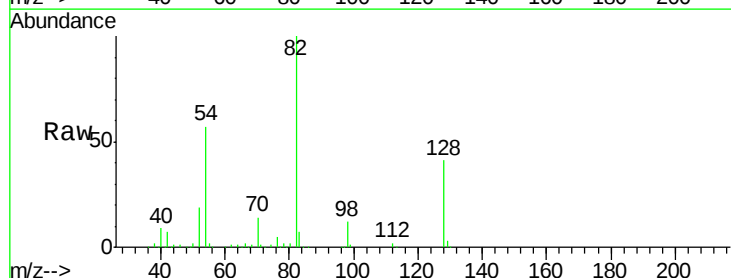
RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

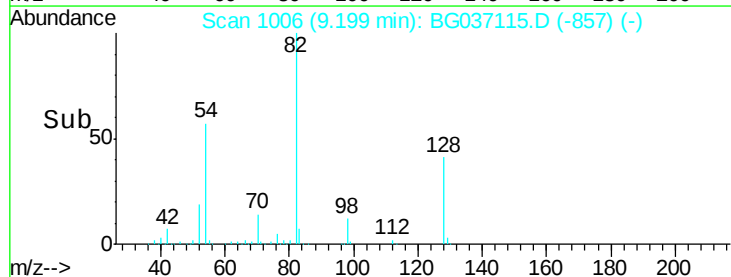
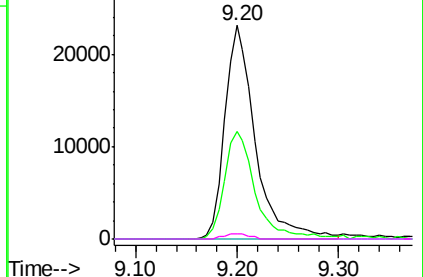
Lab File: BG037115.D

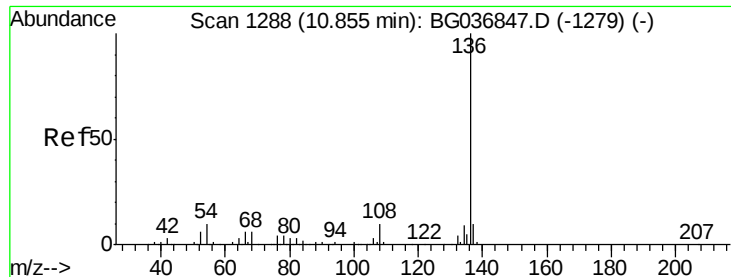
Acq: 2 Oct 2018 21:52

Tgt Ion:	70	Resp:	48204
Ion	Ratio	Lower	Upper
70	100		
42	50.6	56.2	84.4#
101	0.0	7.8	11.6#
130	2.2	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# 1286

Delta R.T. -0.01 min

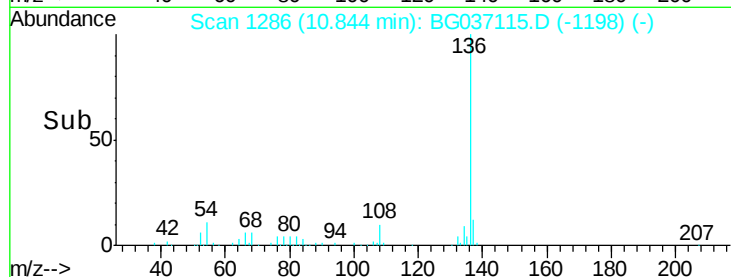
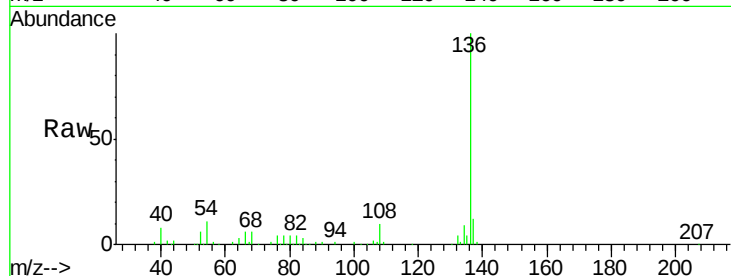
Lab File: BG037115.D

Acq: 2 Oct 2018 21:52

Tgt Ion: 136 Resp: 187742

Ion Ratio Lower Upper

136	100		
137	11.8	8.8	13.2
54	11.1	9.2	13.8
68	5.7	5.8	8.6

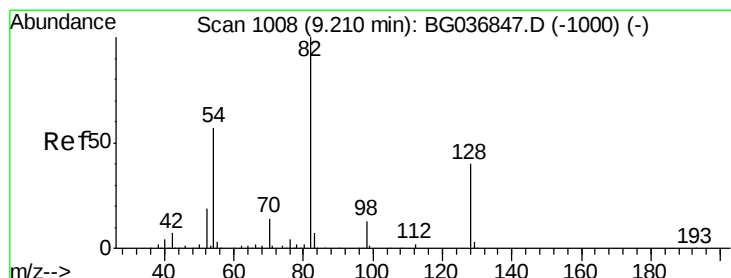
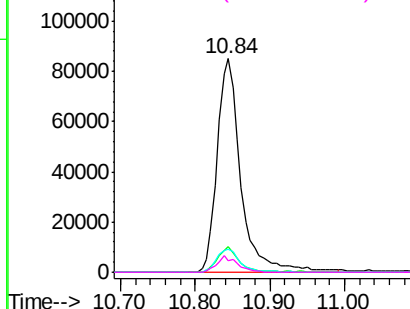


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.324 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

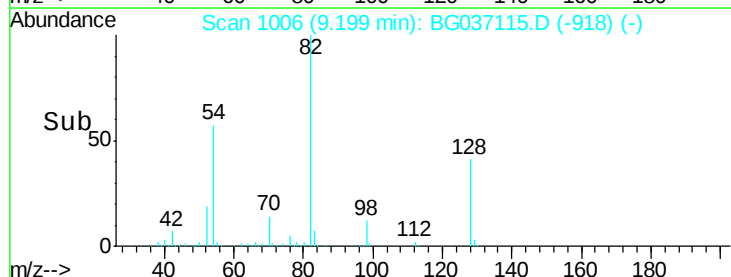
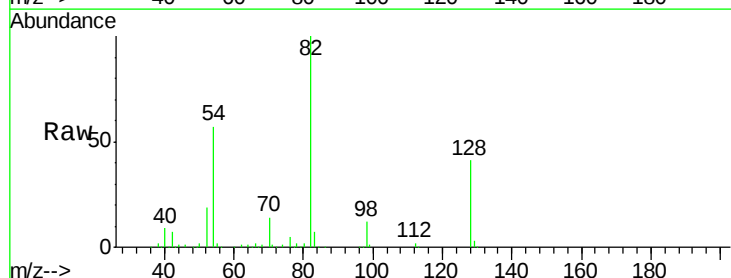
Lab File: BG037115.D

Acq: 2 Oct 2018 21:52

Tgt Ion: 82 Resp: 369251

Ion Ratio Lower Upper

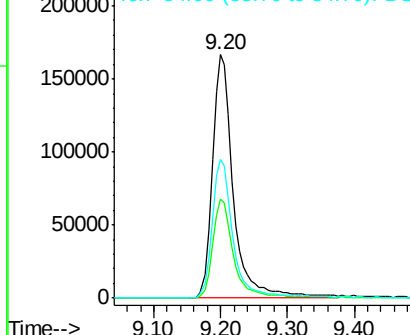
82	100		
128	40.6	33.3	49.9
54	57.1	45.1	67.7

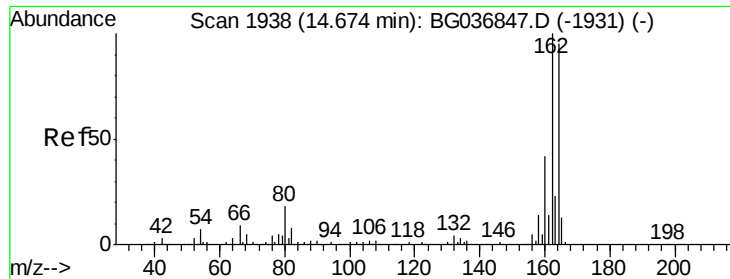


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

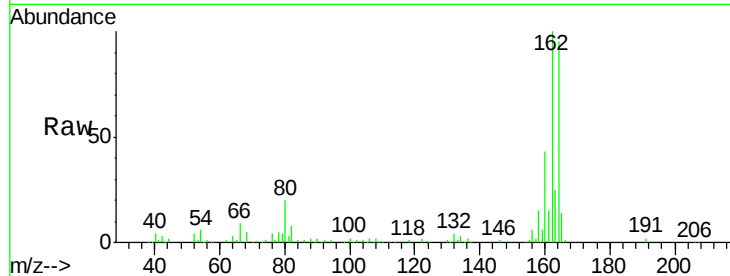
Ion 54.00 (53.70 to 54.70): BGC



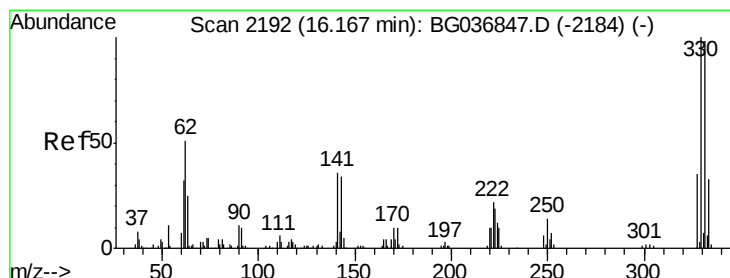
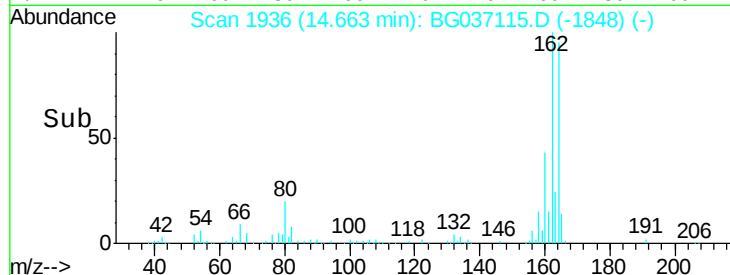
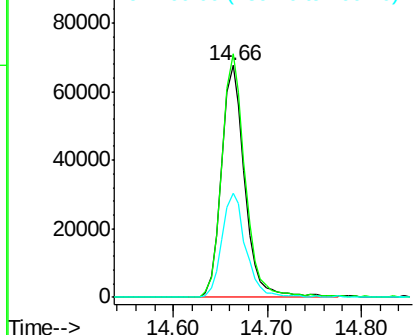


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:164 Resp: 116784
Ion Ratio Lower Upper
164 100
162 105.2 80.7 121.1
160 45.1 35.3 52.9

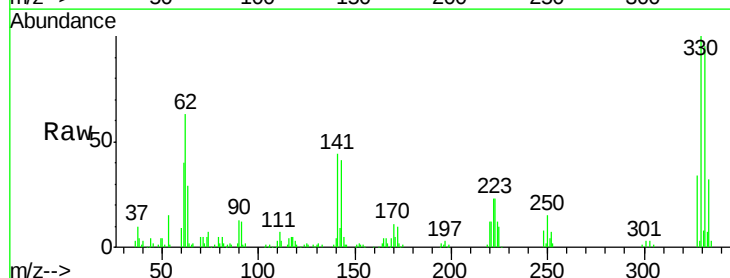


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

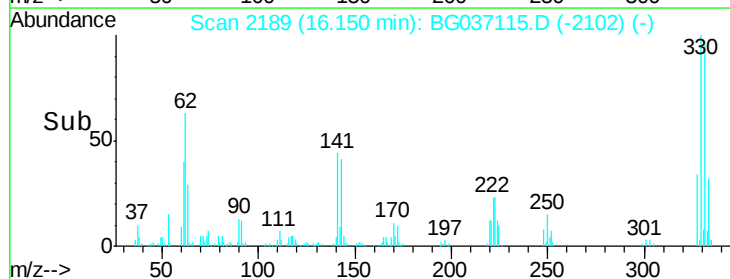
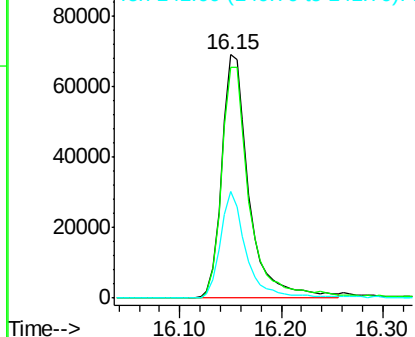


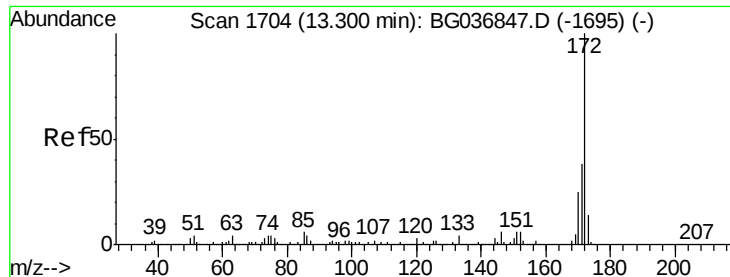
#41
2,4,6-Tribromophenol
Concen: 91.718 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:330 Resp: 128153
Ion Ratio Lower Upper
330 100
332 97.2 75.4 113.2
141 40.3 30.7 46.1



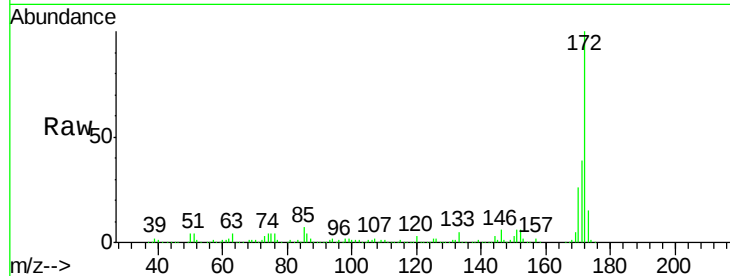
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



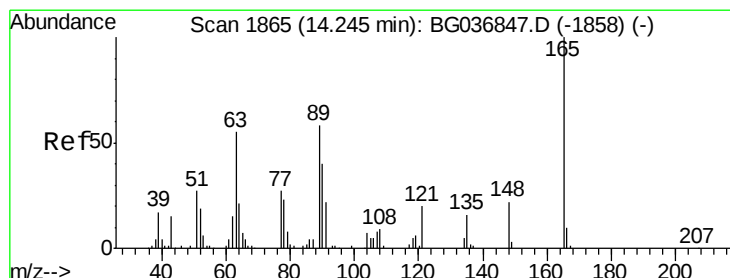
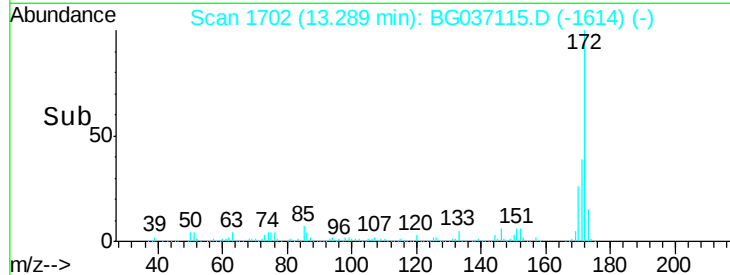
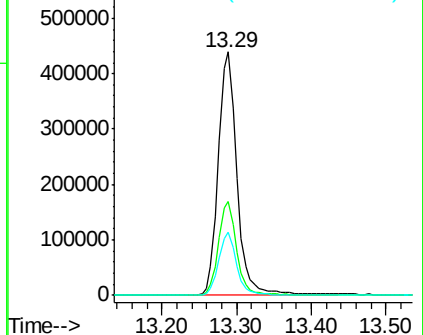


#44
 2-Fluorobiphenyl
 Concen: 98.035 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037115.D
 Acq: 2 Oct 2018 21:52

Tgt Ion:	172	Resp:	768701
Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.9	21.0	31.6

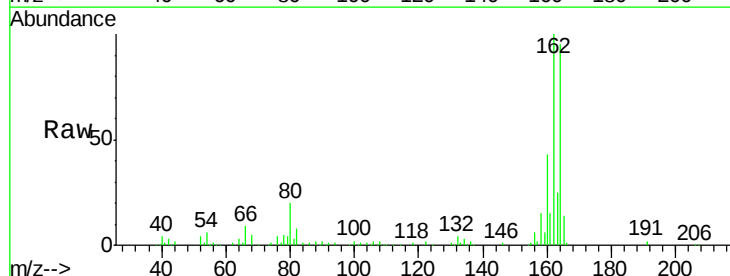


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

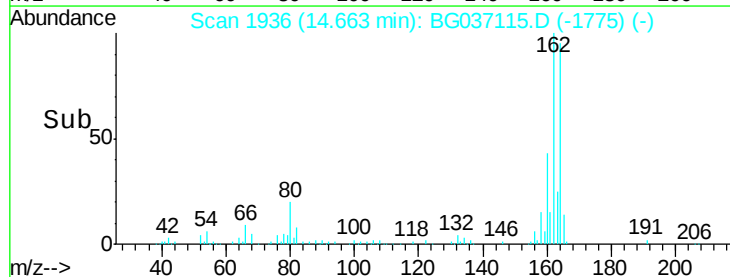
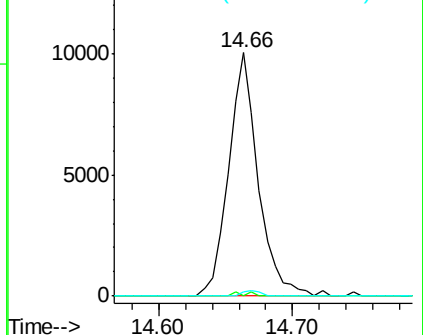


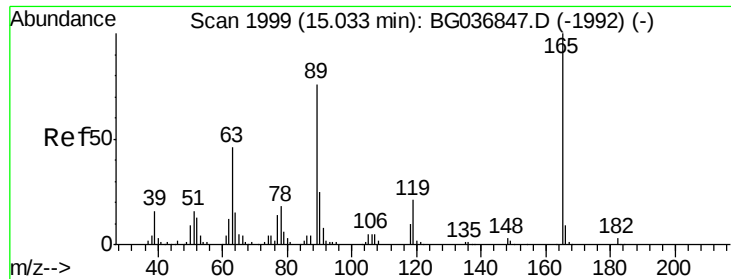
#50
 2,6-Dinitrotoluene
 Concen: 7.564 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037115.D
 Acq: 2 Oct 2018 21:52

Tgt Ion:	165	Resp:	15514
Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	1.9	47.8	71.6#



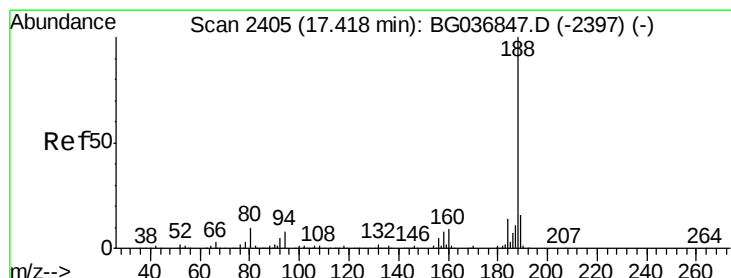
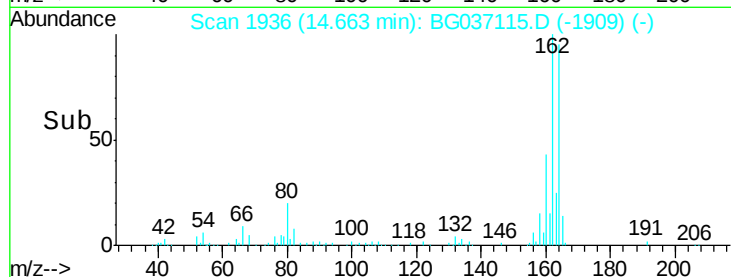
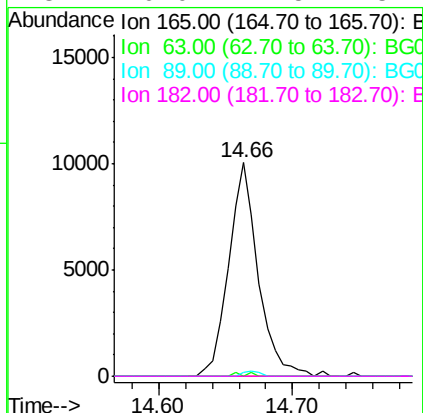
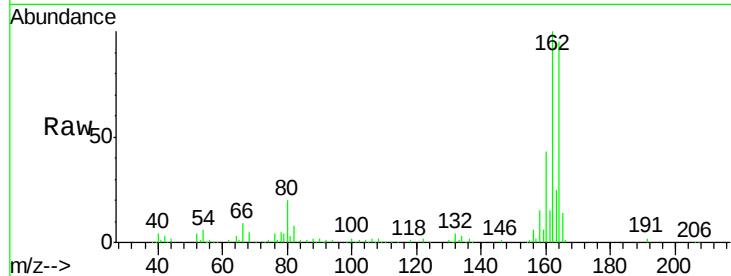
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0





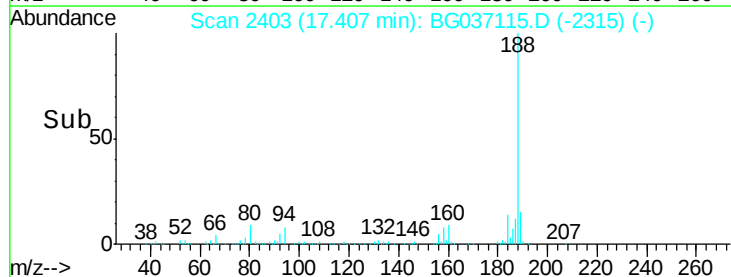
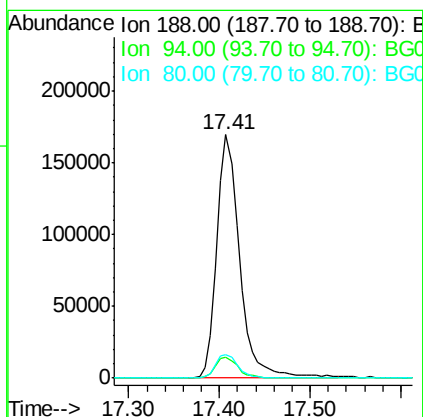
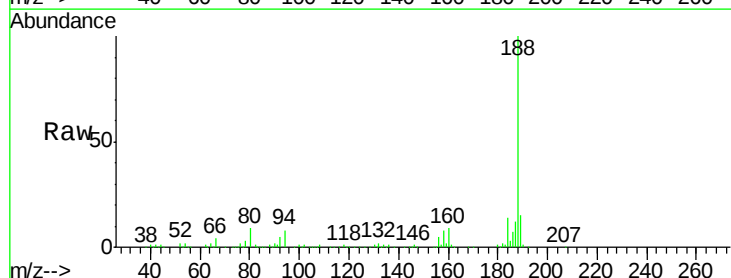
#56
 2,4-Dinitrotoluene
 Concen: 5.421 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037115.D
 Acq: 2 Oct 2018 21:52

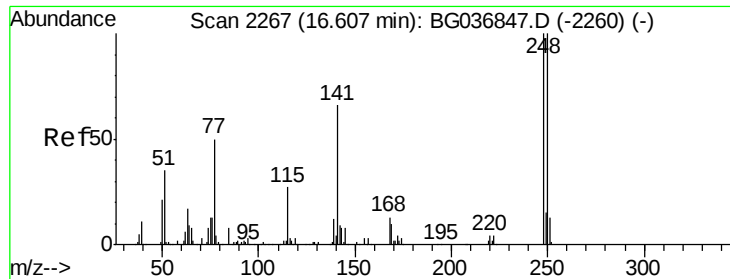
Tgt Ion:	165	Resp:	15514
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.9	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037115.D
 Acq: 2 Oct 2018 21:52

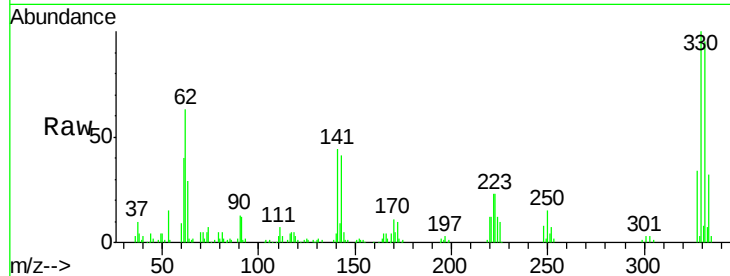
Tgt Ion:	188	Resp:	298534
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.4	8.1	12.1



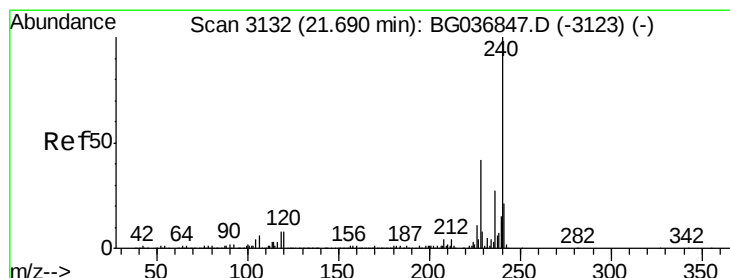
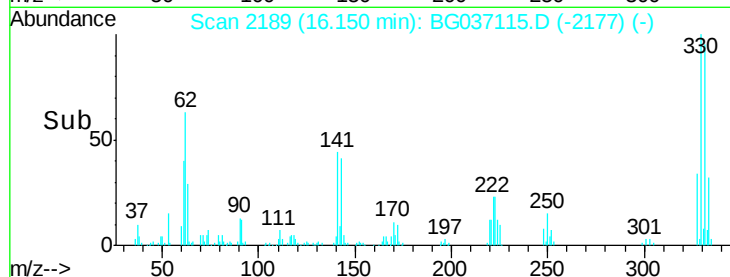
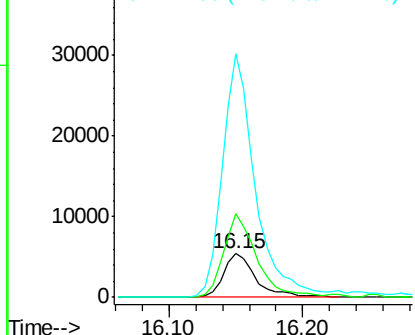


#66
4-Bromophenyl-phenylether
Concen: 2.727 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion: 248 Resp: 9260
Ion Ratio Lower Upper
248 100
250 192.2 78.1 117.1#
141 556.7 53.7 80.5#

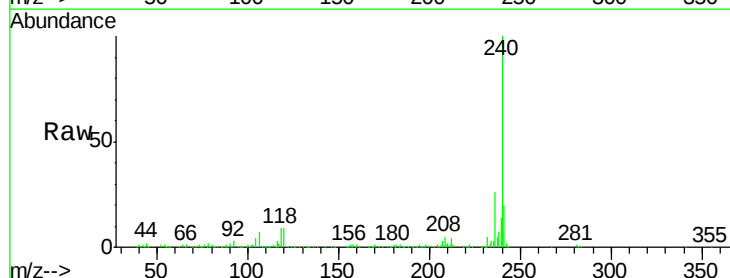


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

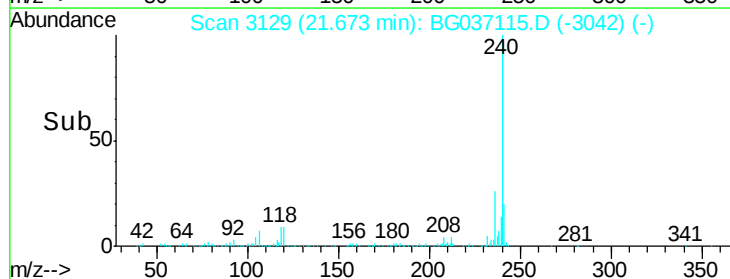
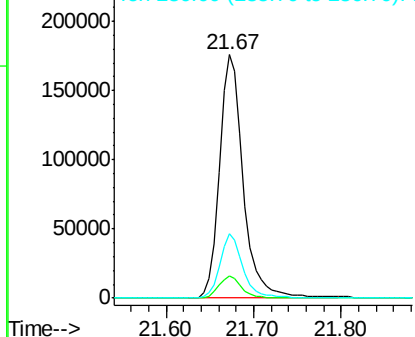


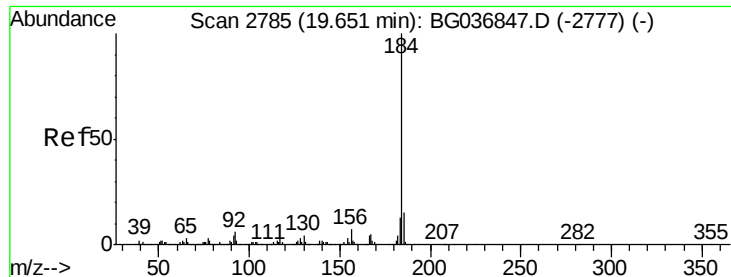
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion: 240 Resp: 329131
Ion Ratio Lower Upper
240 100
120 9.1 6.9 10.3
236 26.5 21.2 31.8



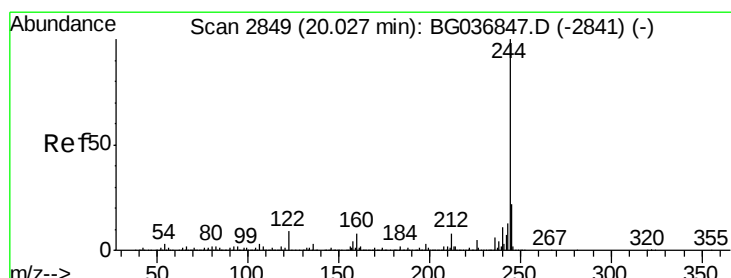
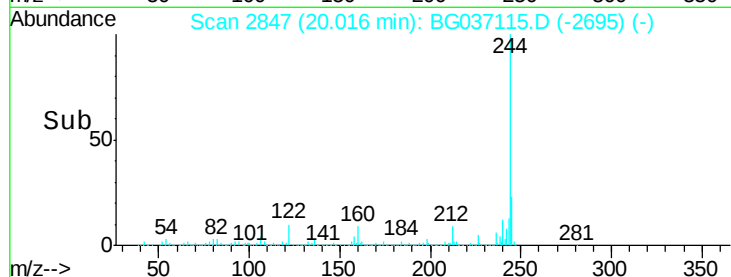
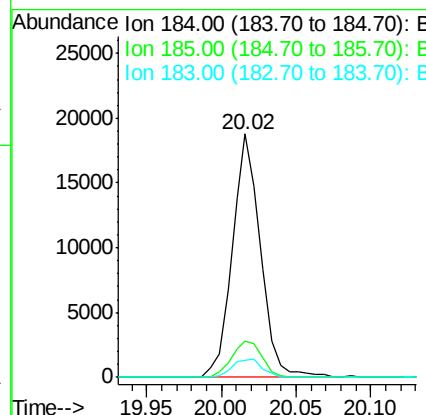
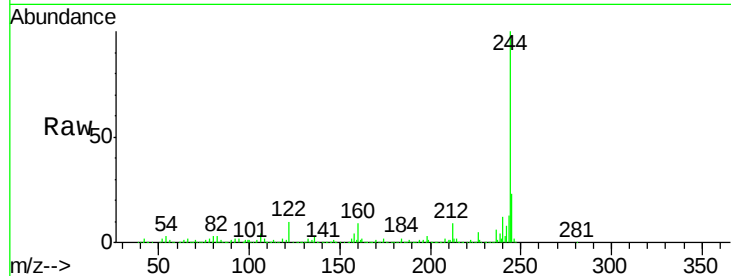
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





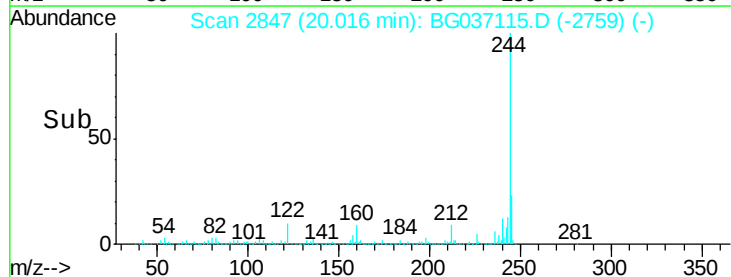
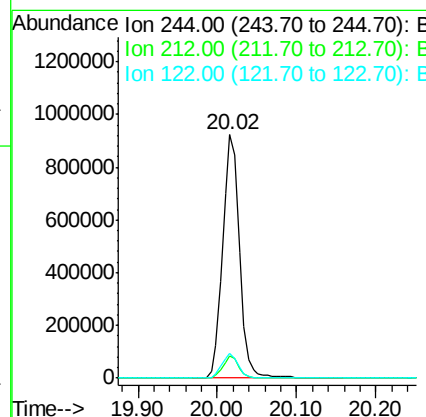
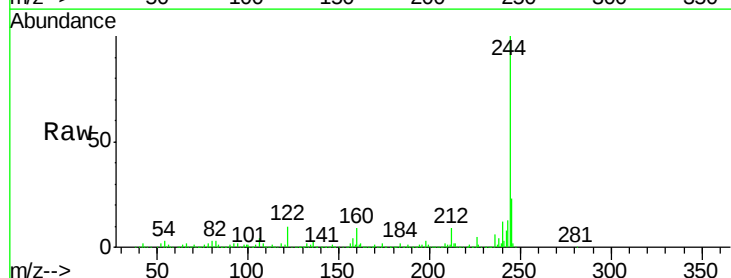
#76
Benzidine
Concen: 2.485 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.37 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

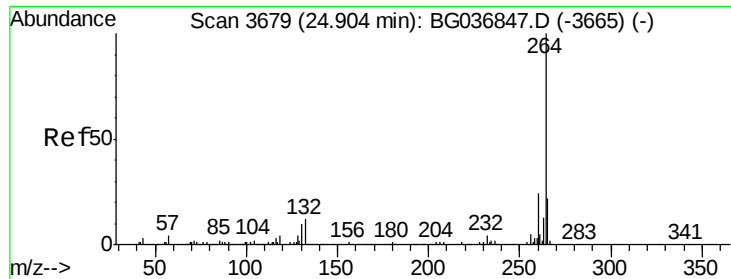
Tgt Ion:184 Resp: 24727
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 7.2 10.9 16.3#



#78
Terphenyl-d14
Concen: 108.620 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

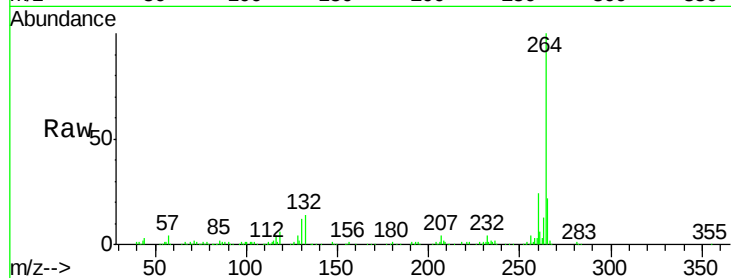
Tgt Ion:244 Resp: 1359583
Ion Ratio Lower Upper
244 100
212 9.4 7.0 10.6
122 10.1 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037115.D
Acq: 2 Oct 2018 21:52

Tgt Ion:	264	Resp:	324895
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.7	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

