

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100218\
 Data File : BG037123.D
 Acq On : 3 Oct 2018 3:04
 Operator : JU/SJ
 Sample : PB113408BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

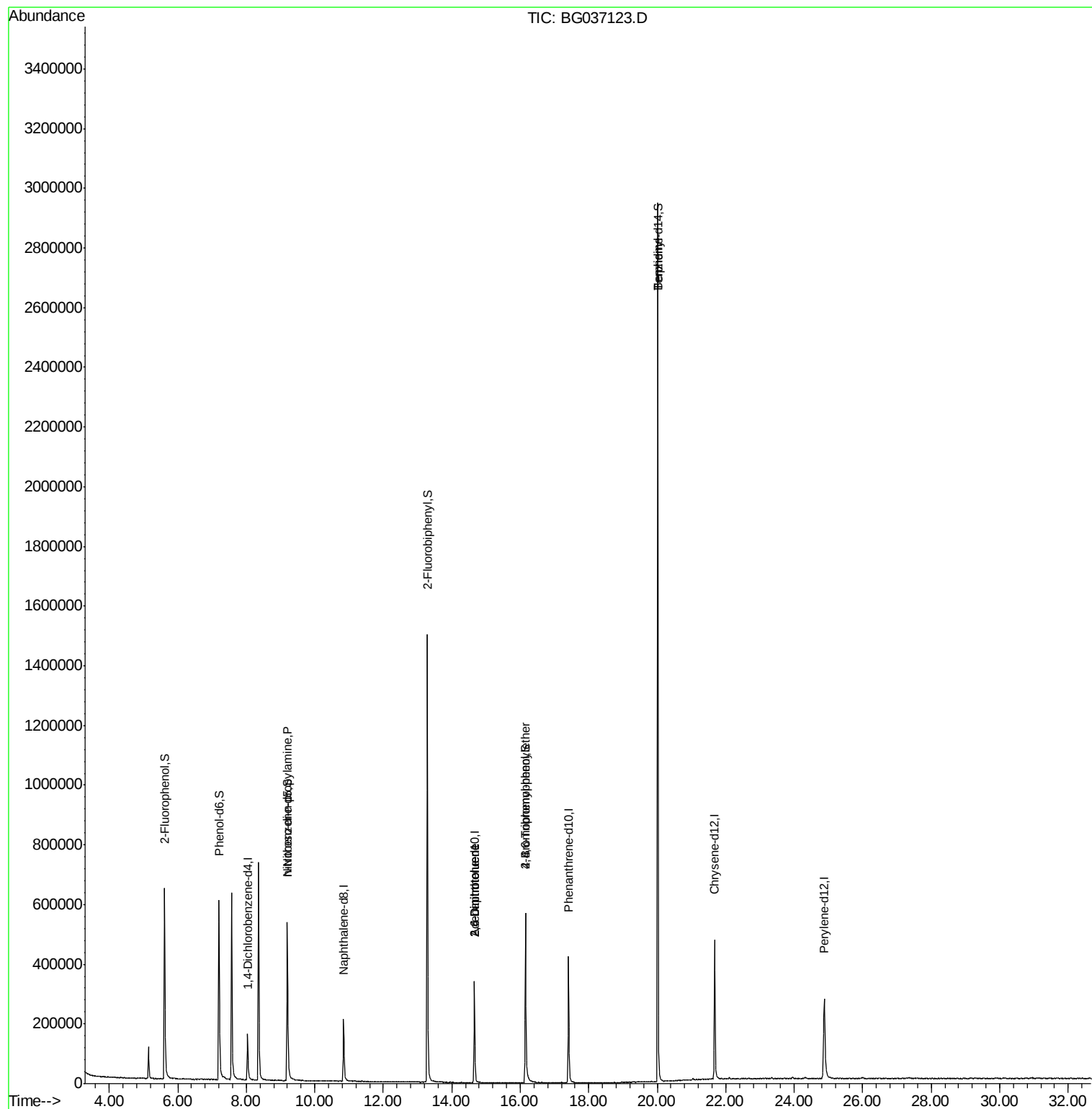
Quant Time: Oct 03 03:49:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

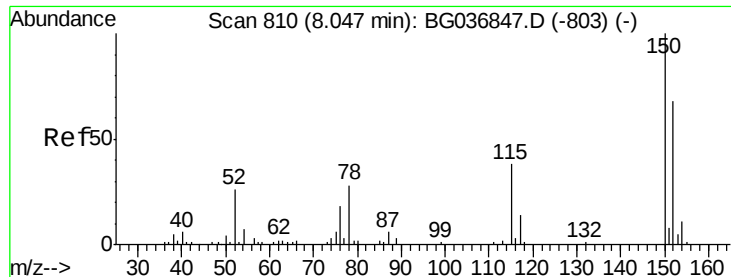
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	52605	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	215730	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	129430	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	321650	20.00	ng	0.00
75) Chrysene-d12	21.68	240	350026	20.00	ng	-0.01
86) Perylene-d12	24.87	264	338308	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	306888	111.88	ng	0.00
7) Phenol-d6	7.20	99	425075	100.16	ng	-0.01
23) Nitrobenzene-d5	9.20	82	409143	101.56	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	132175	85.35	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	864787	99.51	ng	-0.01
78) Terphenyl-d14	20.01	244	1434531	107.77	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	53261	15.086	ng	# 70
50) 2,6-Dinitrotoluene	14.66	165	16495	7.257	ng	# 23
56) 2,4-Dinitrotoluene	14.66	165	16493	5.200	ng	# 21
66) 4-Bromophenyl-phenylether	16.15	248	9079	2.482	ng	# 1
76) Benzidine	20.01	184	24865	2.350	ng	# 93

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

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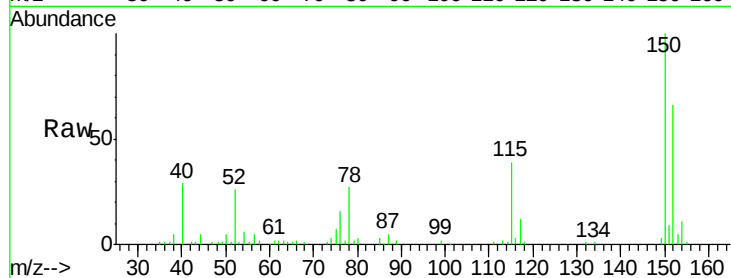




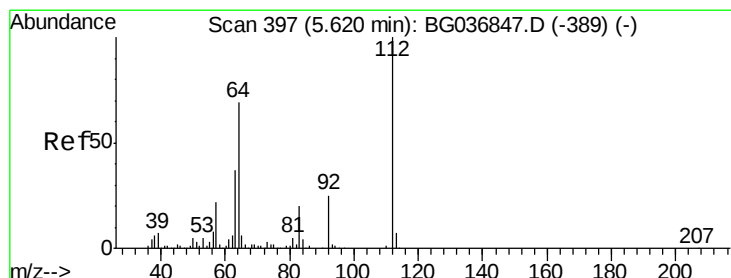
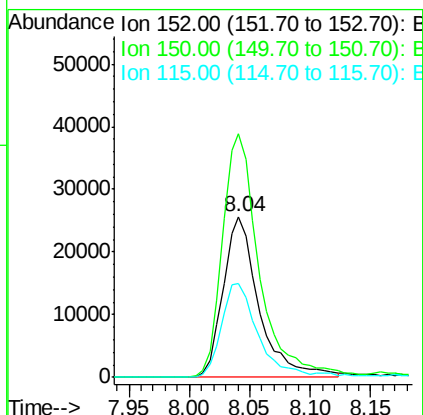
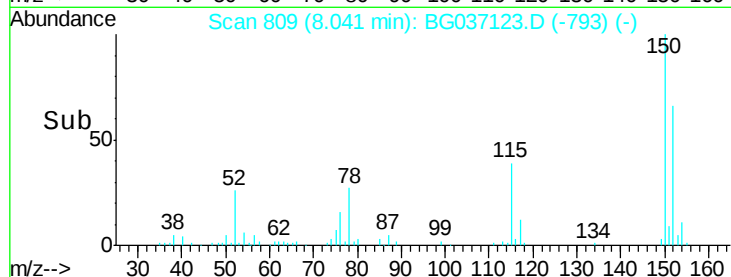
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.6	119.5	179.3
115	58.8	44.5	66.7



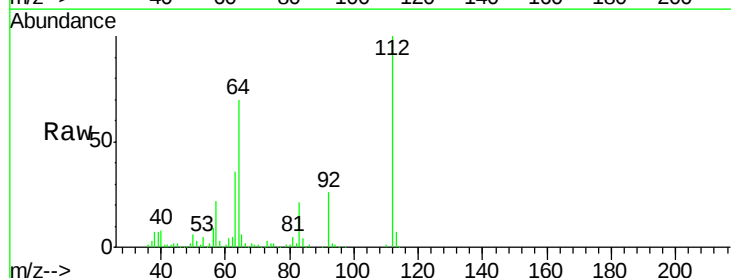
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



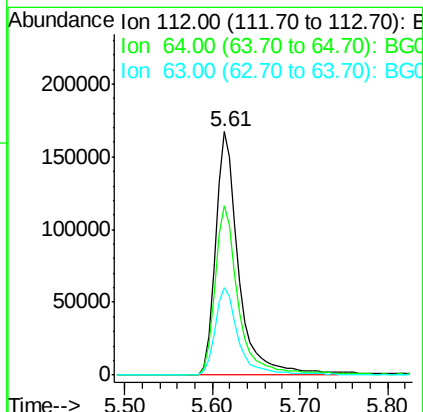
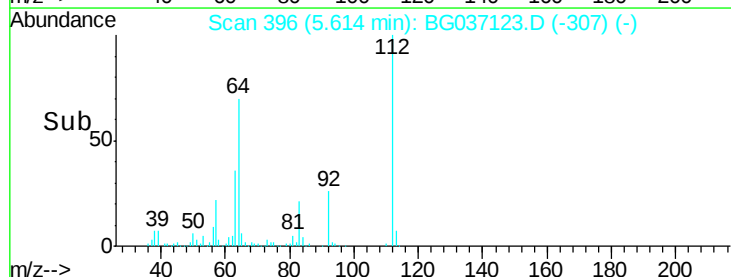
#5

2-Fluorophenol
Concen: 111.880 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.2	85.8
63	35.9	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: 100.161 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037123.D

Acq: 3 Oct 2018 3:04

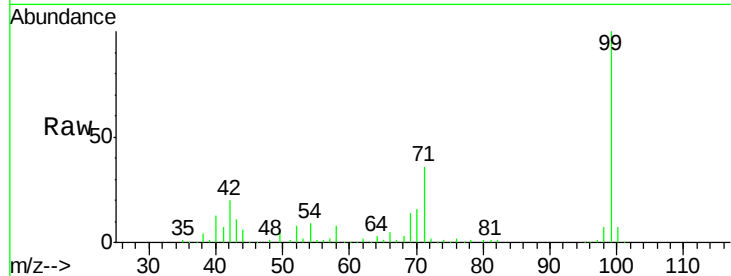
Tgt Ion: 99 Resp: 425075

Ion Ratio Lower Upper

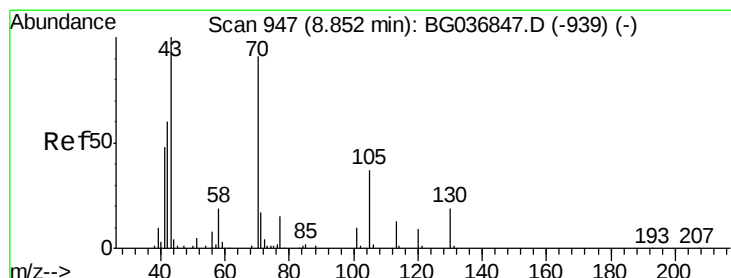
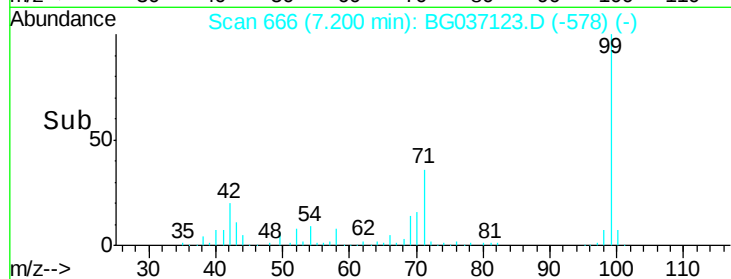
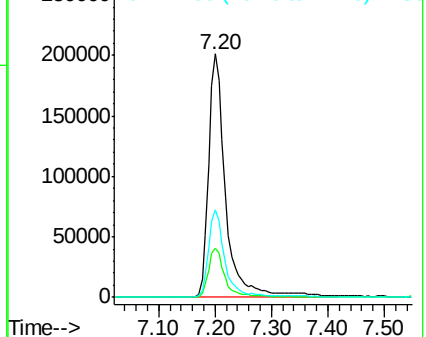
99 100

42 20.0 16.5 24.7

71 35.9 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: 15.086 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG037123.D

Acq: 3 Oct 2018 3:04

Tgt Ion: 70 Resp: 53261

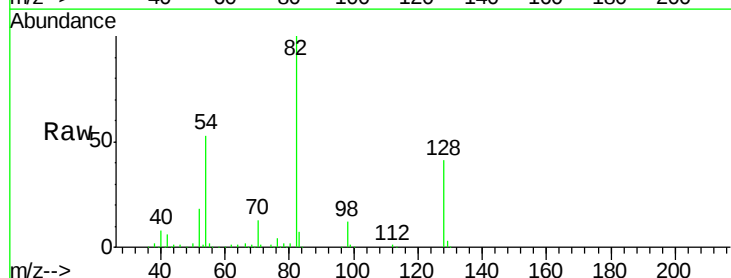
Ion Ratio Lower Upper

70 100

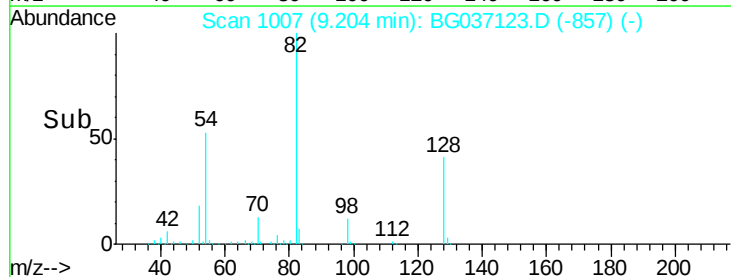
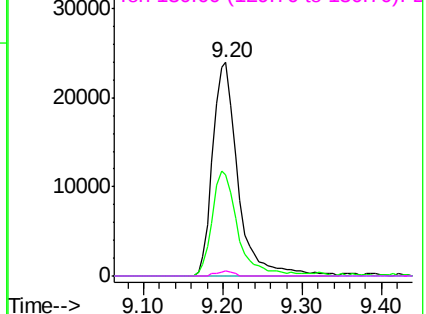
42 47.2 56.2 84.4#

101 0.0 7.8 11.6#

130 2.3 16.2 24.2#



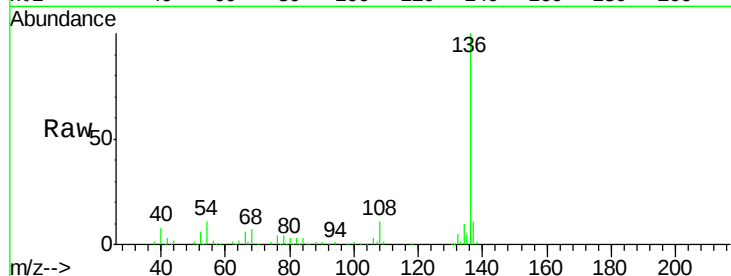
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



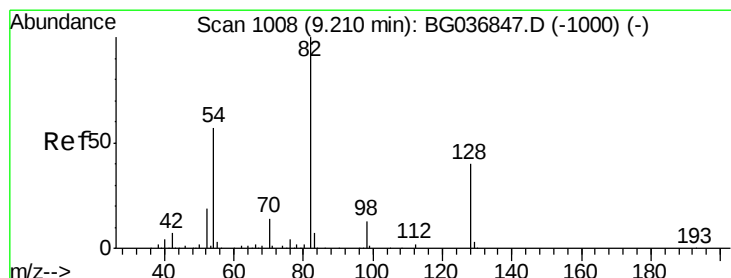
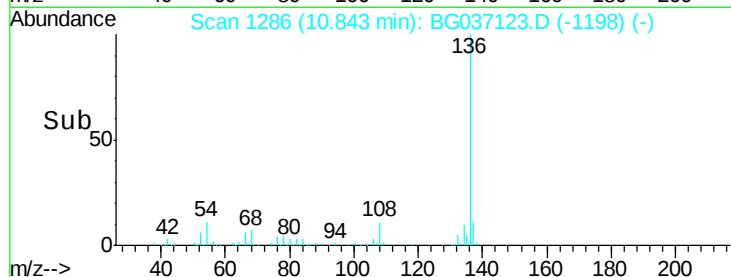
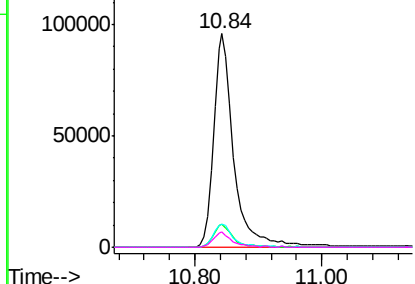


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:	136	Resp:	215730
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.1	9.2	13.8
68	7.3	5.8	8.6

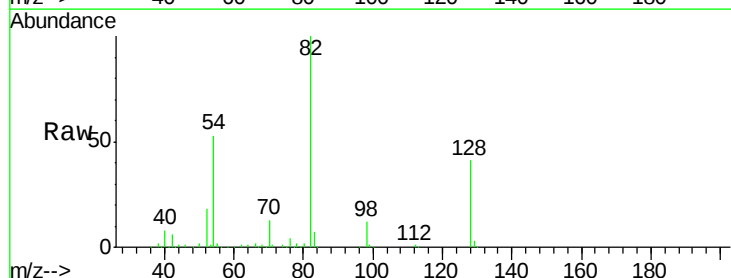


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

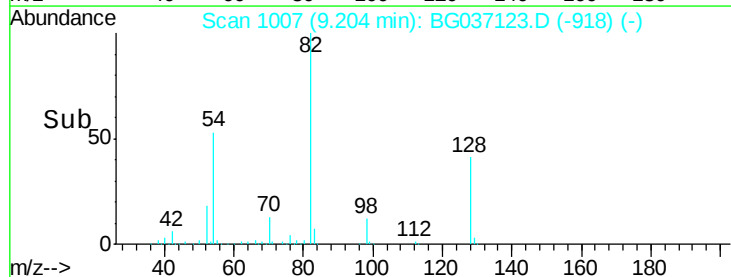
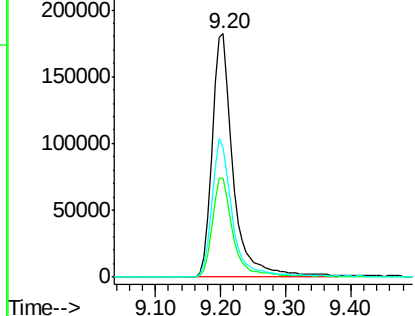


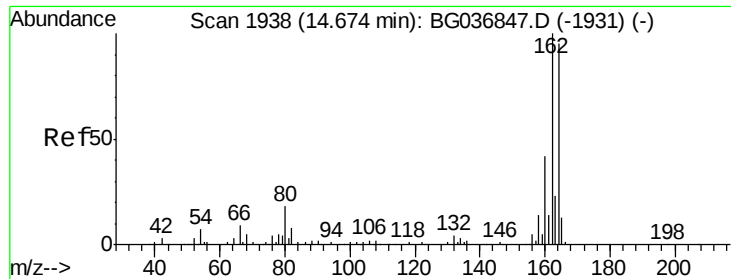
#23
Nitrobenzene-d5
Concen: 101.562 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:	82	Resp:	409143
Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.3	49.9
54	53.5	45.1	67.7



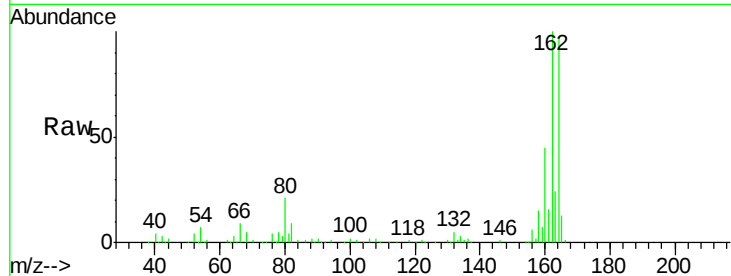
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



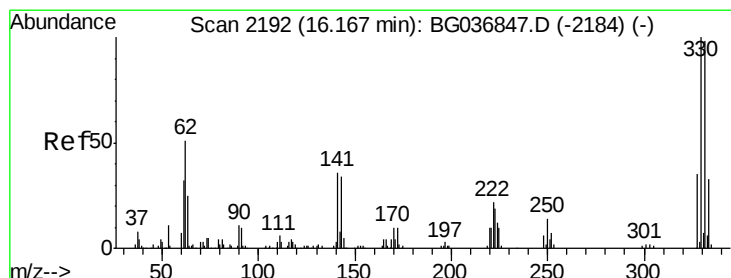
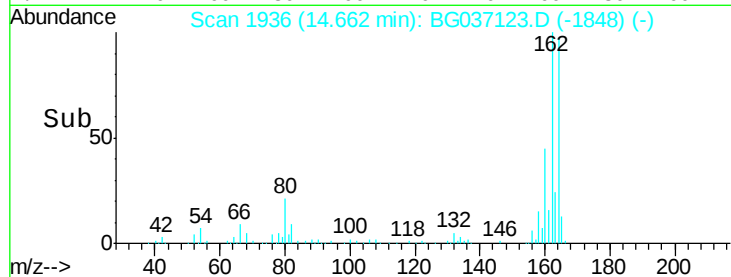
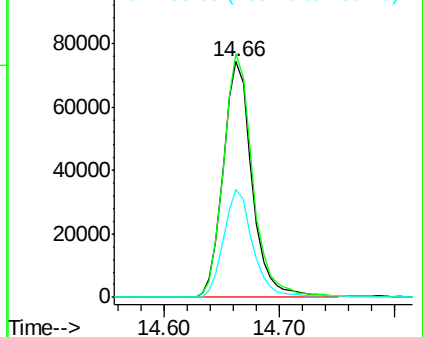


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.7	121.1
160	46.0	35.3	52.9

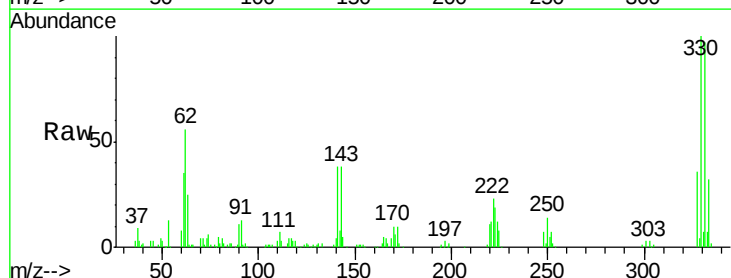


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

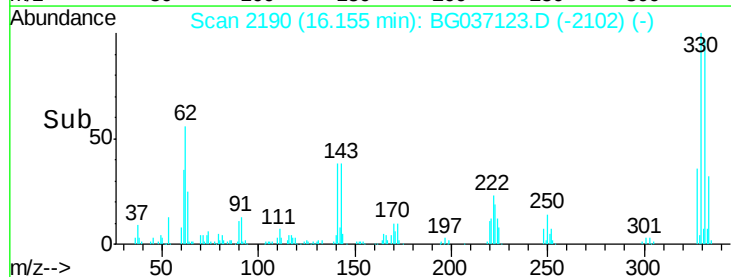
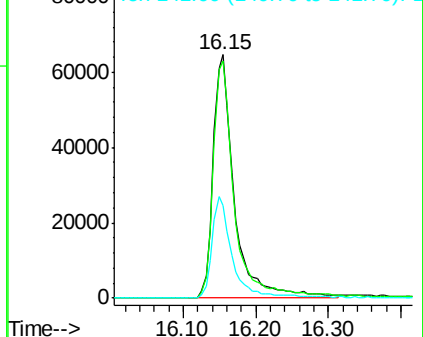


#41
2,4,6-Tribromophenol
Concen: 85.354 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.4	113.2
141	38.4	30.7	46.1



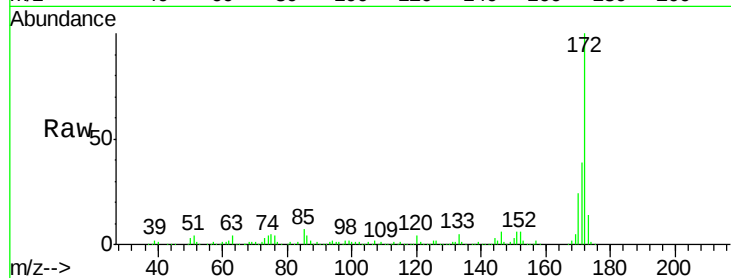
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



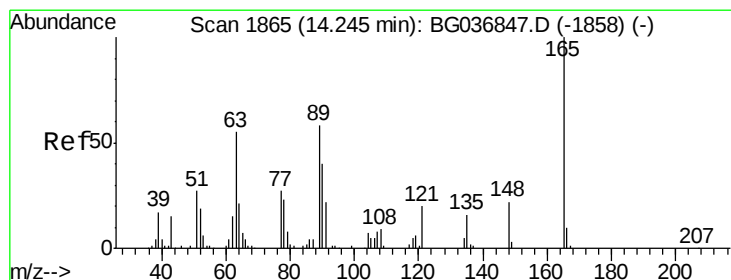
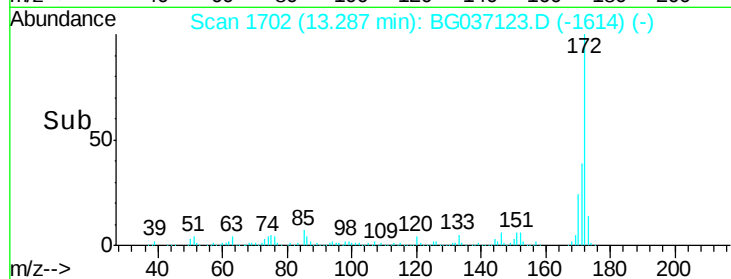
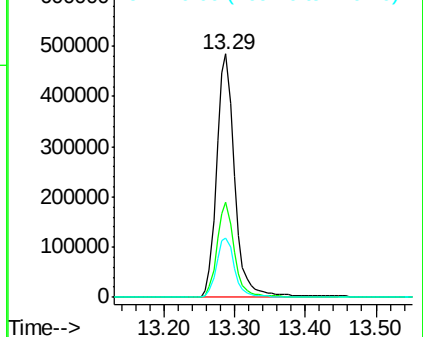


#44
 2-Fluorobiphenyl
 Concen: 99.514 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037123.D
 Acq: 3 Oct 2018 3:04

Tgt Ion:	172	Resp:	864787
Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	24.4	21.0	31.6

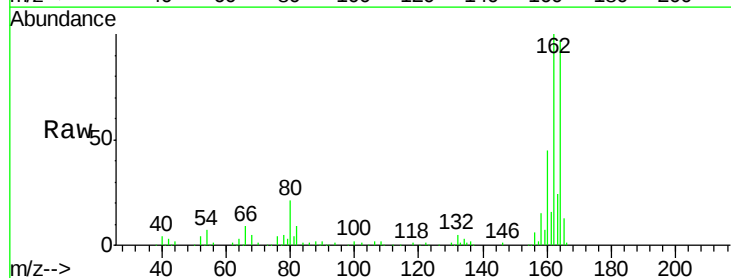


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

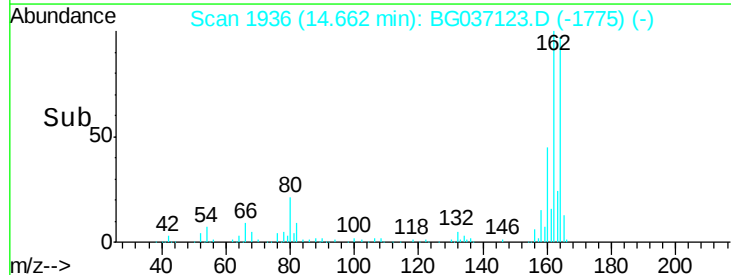
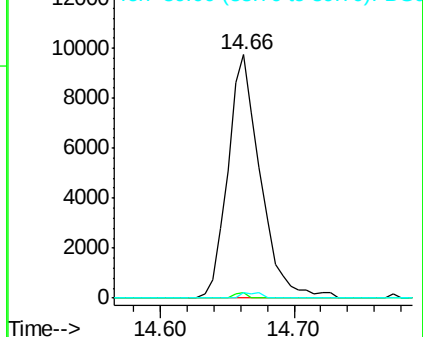


#50
 2,6-Dinitrotoluene
 Concen: 7.257 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037123.D
 Acq: 3 Oct 2018 3:04

Tgt Ion:	165	Resp:	16495
Ion	Ratio	Lower	Upper
165	100		
63	2.2	50.1	75.1#
89	2.2	47.8	71.6#



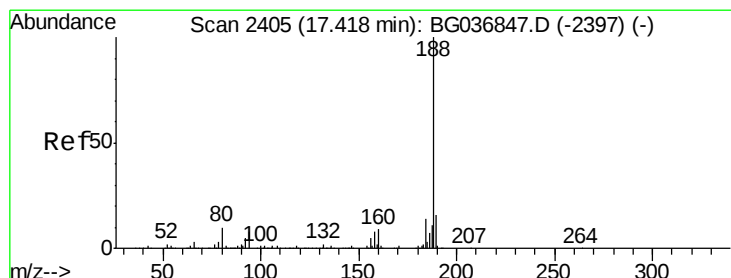
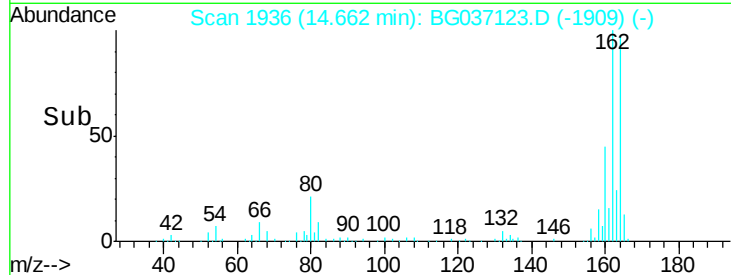
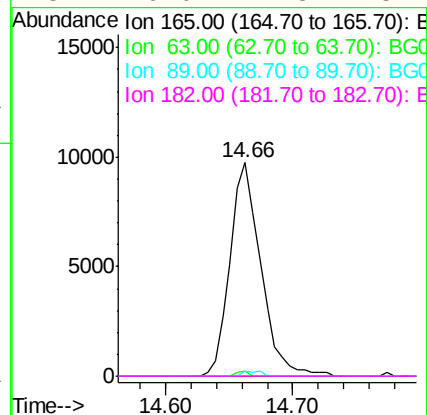
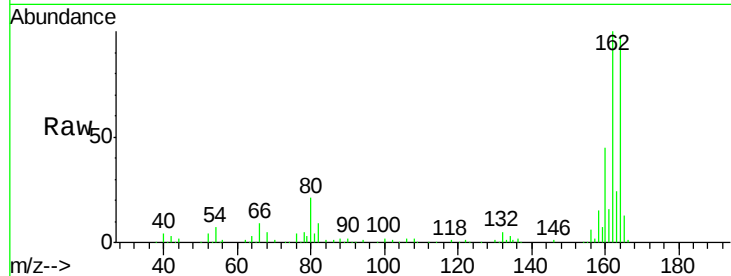
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0





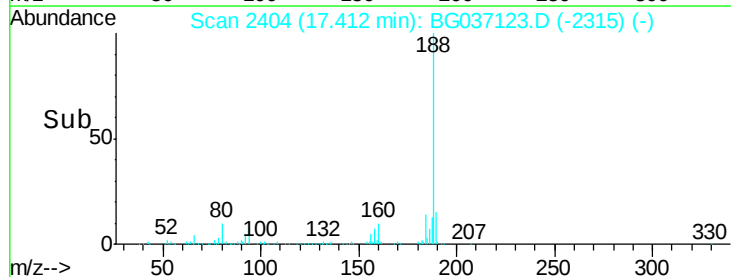
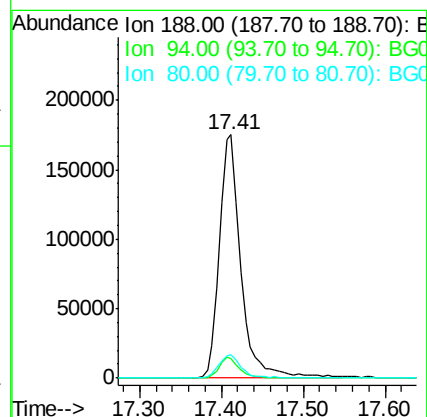
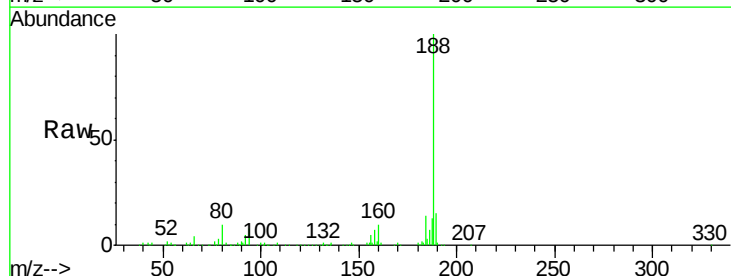
#56
 2,4-Dinitrotoluene
 Concen: 5.200 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037123.D
 Acq: 3 Oct 2018 3:04

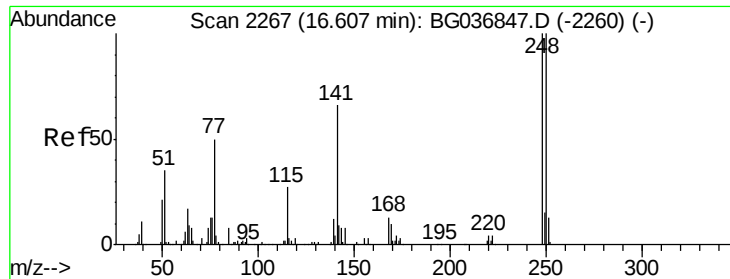
Tgt Ion:	165	Resp:	16493
Ion	Ratio	Lower	Upper
165	100		
63	2.2	40.1	60.1#
89	2.2	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG037123.D
 Acq: 3 Oct 2018 3:04

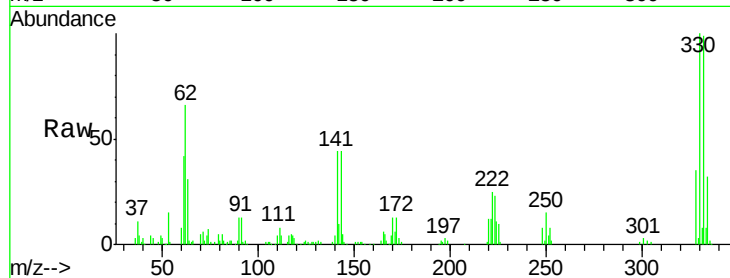
Tgt Ion:	188	Resp:	321650
Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.6	8.1	12.1



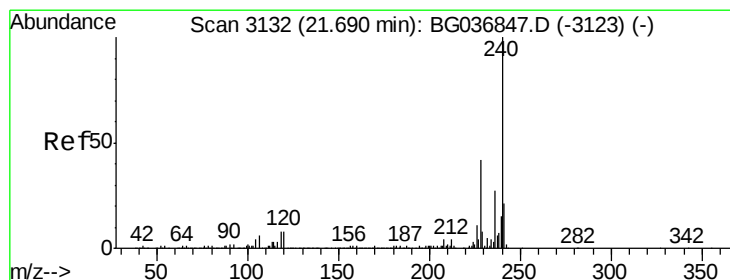
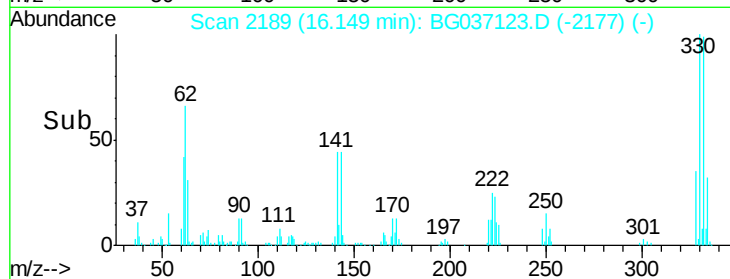
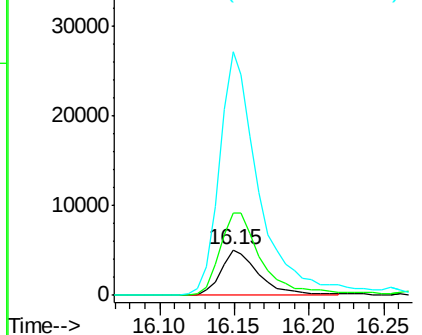


#66
 4-Bromophenyl-phenylether
 Concen: 2.482 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037123.D
 Acq: 3 Oct 2018 3:04

Tgt Ion: 248 Resp: 9079
 Ion Ratio Lower Upper
 248 100
 250 180.6 78.1 117.1#
 141 531.3 53.7 80.5#

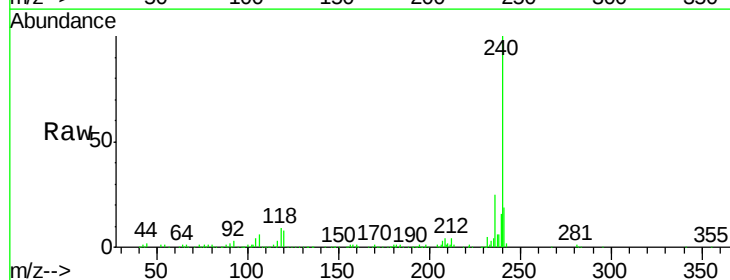


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

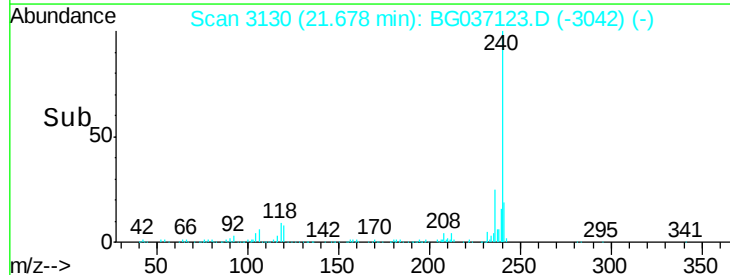
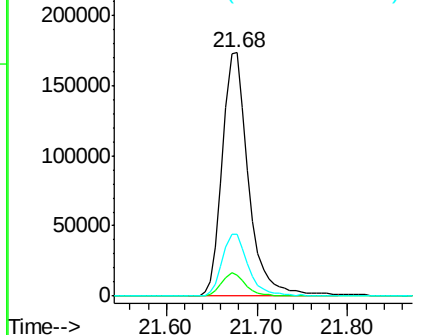


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG037123.D
 Acq: 3 Oct 2018 3:04

Tgt Ion: 240 Resp: 350026
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 25.4 21.2 31.8



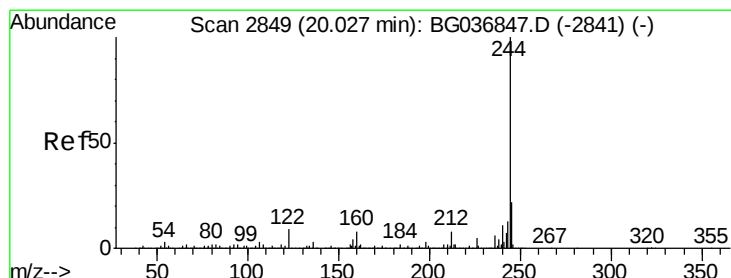
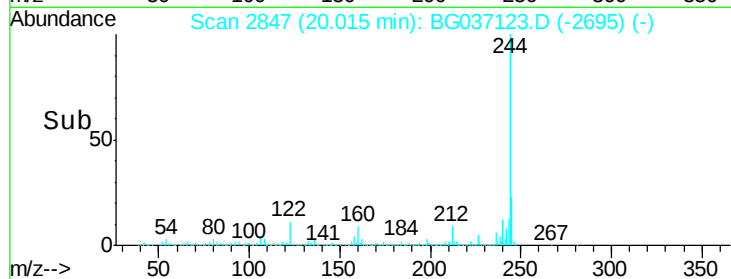
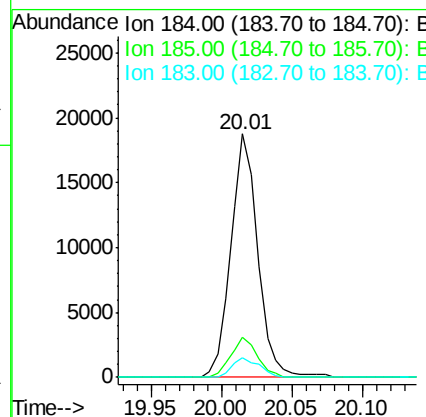
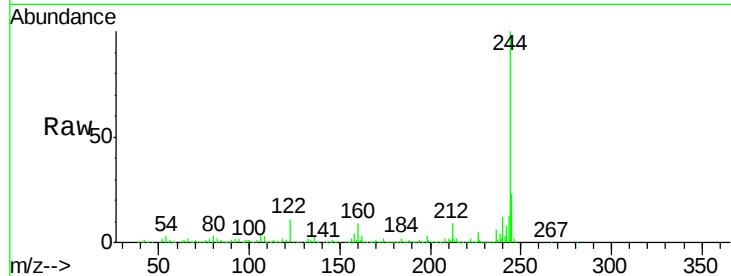
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





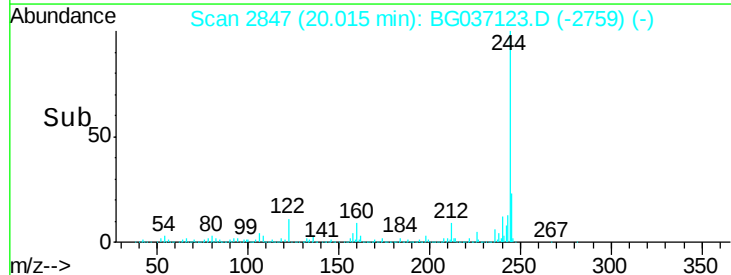
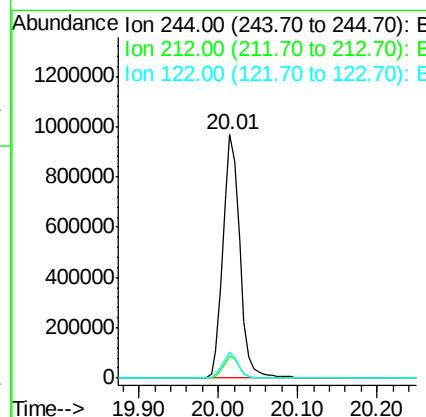
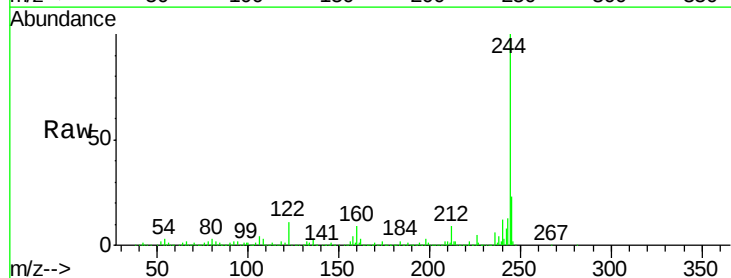
#76
Benzidine
Concen: 2.350 ng
RT: 20.01 min Scan# 2847
Delta R.T. 0.36 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

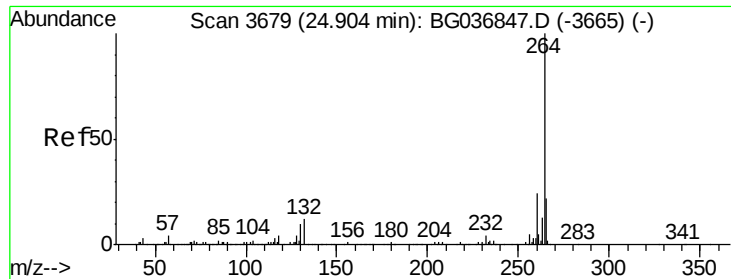
Tgt Ion:184 Resp: 24865
Ion Ratio Lower Upper
184 100
185 16.4 12.6 18.8
183 8.1 10.9 16.3#



#78
Terphenyl-d14
Concen: 107.766 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

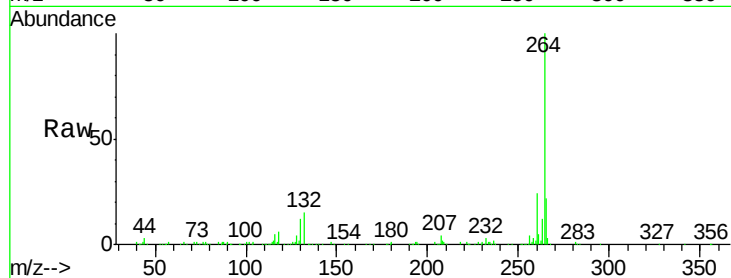
Tgt Ion:244 Resp: 1434531
Ion Ratio Lower Upper
244 100
212 9.1 7.0 10.6
122 10.6 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037123.D
Acq: 3 Oct 2018 3:04

Tgt Ion:	264	Resp:	338308
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.5	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

