

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037351.D
 Acq On : 16 Oct 2018 3:42
 Operator : JU/SJ
 Sample : J5511-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

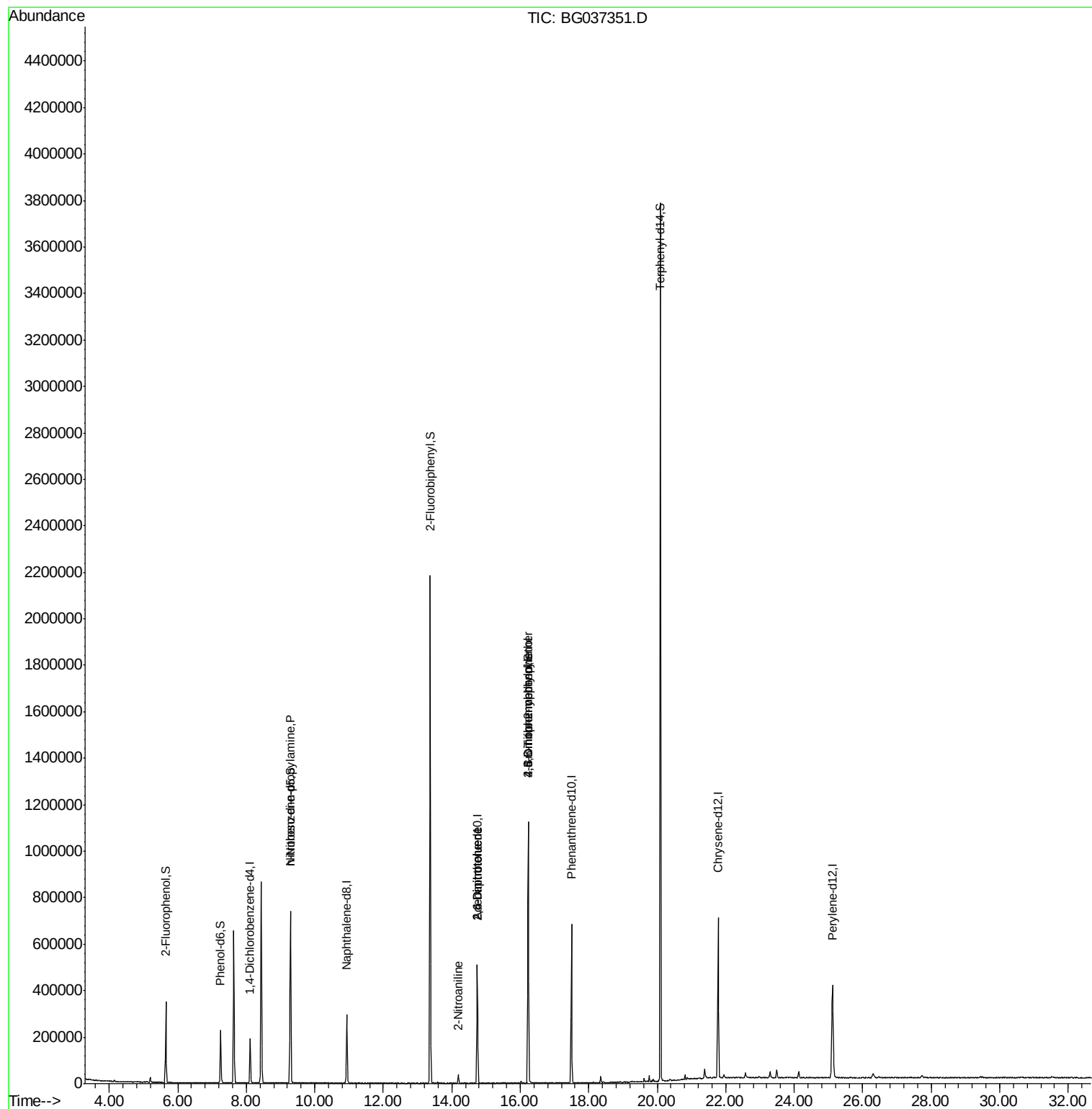
Quant Time: Oct 16 07:12:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

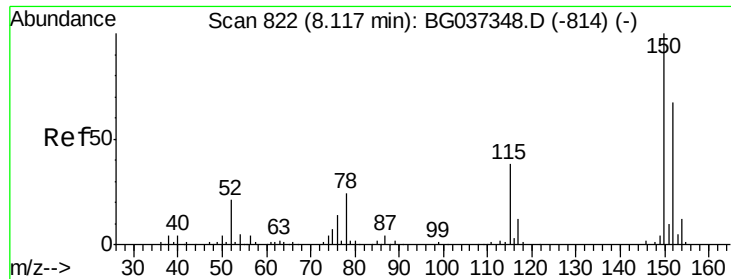
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59724	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	268213	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	177918	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	458073	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	426783	20.00	ng	-0.02
87) Perylene-d12	25.12	264	426750	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	162404	47.86	ng	0.00
7) Phenol-d6	7.25	99	141681	27.51	ng	0.00
23) Nitrobenzene-d5	9.29	82	468685	114.88	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	209985	120.34	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1170746	98.82	ng	-0.01
79) Terphenyl-d14	20.09	244	1705540	83.91	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	58126	14.905	ng	# 67
48) 2-Nitroaniline	14.19	65	108	5.787	ng	# 1
51) 2,6-Dinitrotoluene	14.75	165	23335	12.541	ng	# 26
57) 2,4-Dinitrotoluene	14.75	165	23335	11.367	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	658	6.348	ng	80
67) 4-Bromophenyl-phenylether	16.23	248	15415	3.118	ng	# 1

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

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Misc :
ALS Vial : 21 Sample Multiplier: 1

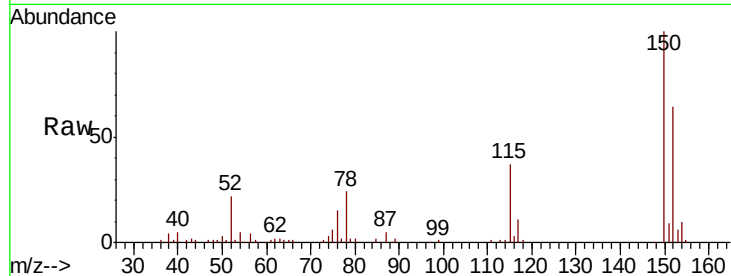
Quant Time: Oct 16 07:12:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



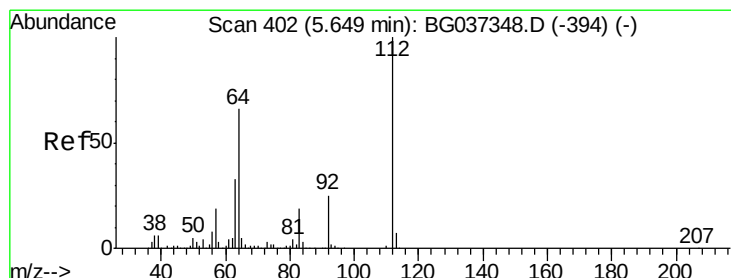
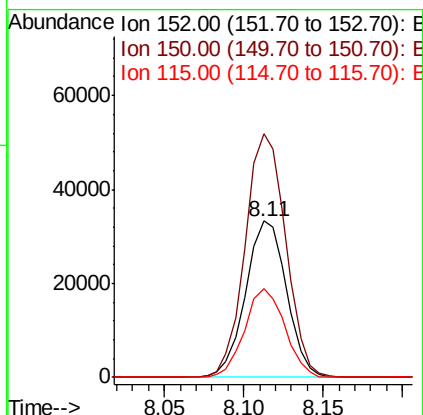
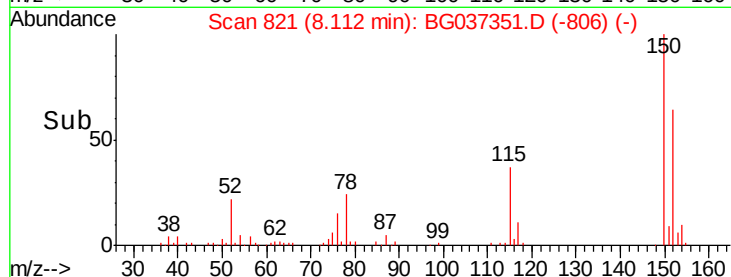


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037351.D
 Acq: 16 Oct 2018 3:42

Tot Ion:152 Resp: 59724
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.0 189.0
 115 56.9 45.5 68.3

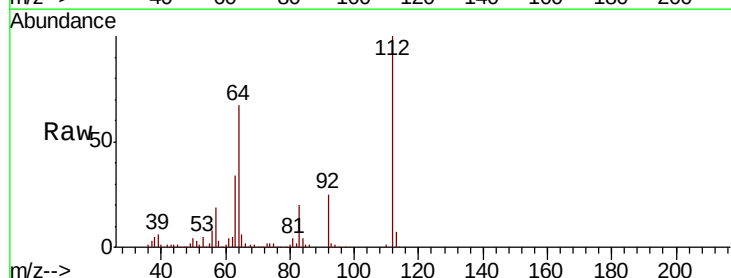


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

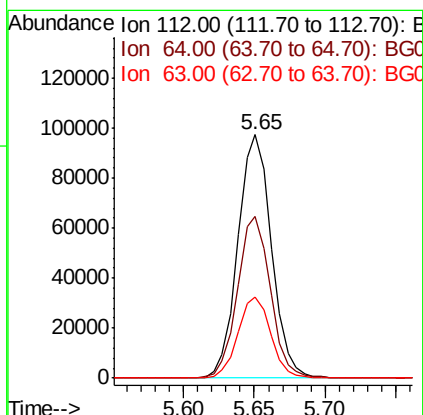
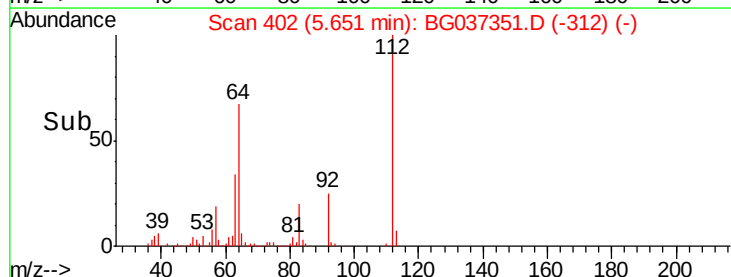


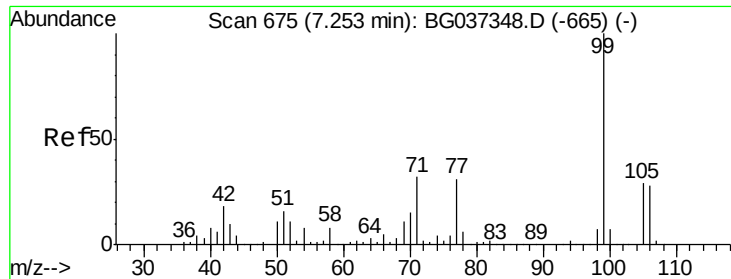
#5
 2-Fluorophenol
 Concen: 47.856 ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG037351.D
 Acq: 16 Oct 2018 3:42

Tgt Ion:112 Resp: 162404
 Ion Ratio Lower Upper
 112 100
 64 66.6 53.1 79.7
 63 33.5 27.3 40.9



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: 27.506 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037351.D

Acq: 16 Oct 2018 3:42

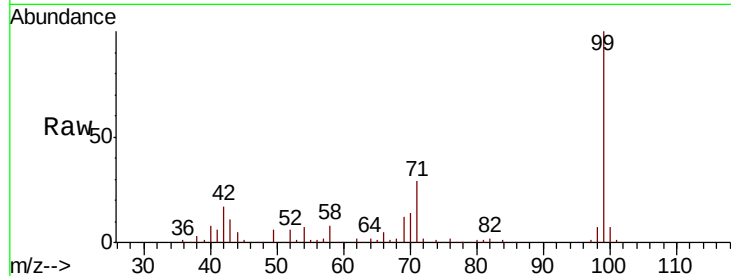
Tot Ion: 99 Resp: 141681

Ion Ratio Lower Upper

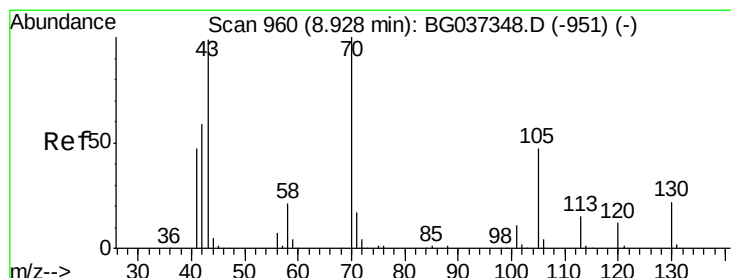
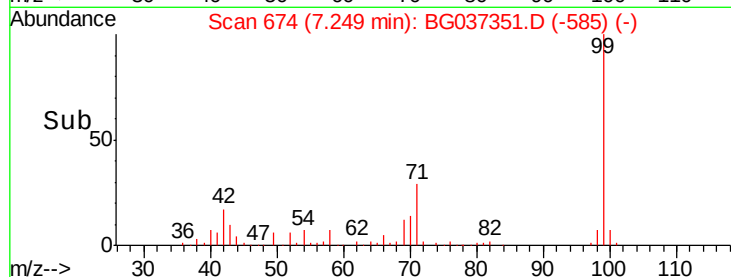
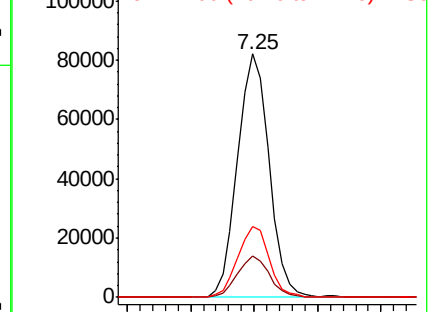
99 100

42 17.1 15.0 22.4

71 29.2 25.5 38.3



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: 14.905 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037351.D

Acq: 16 Oct 2018 3:42

Tgt Ion: 70 Resp: 58126

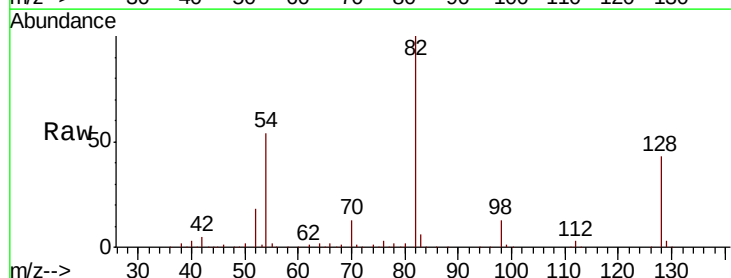
Ion Ratio Lower Upper

70 100

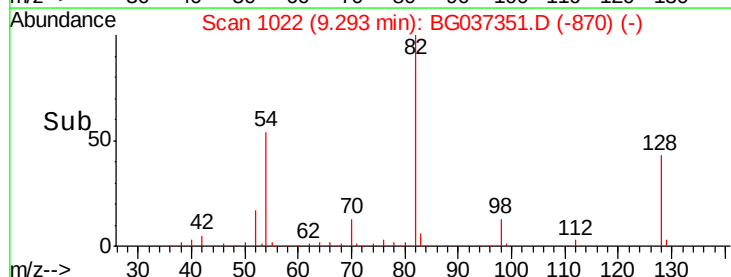
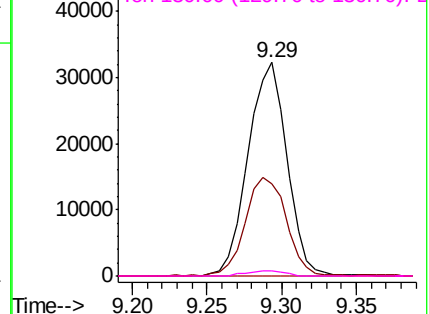
42 43.1 53.9 80.9#

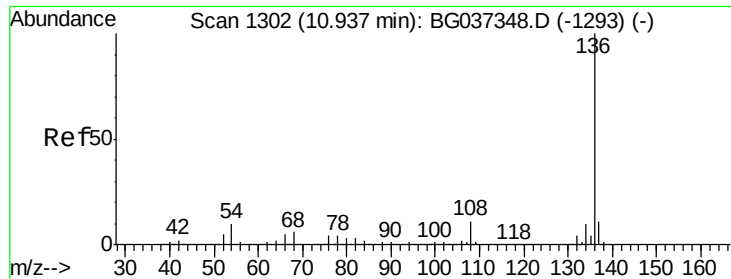
101 0.0 8.2 12.2#

130 2.4 18.2 27.4#



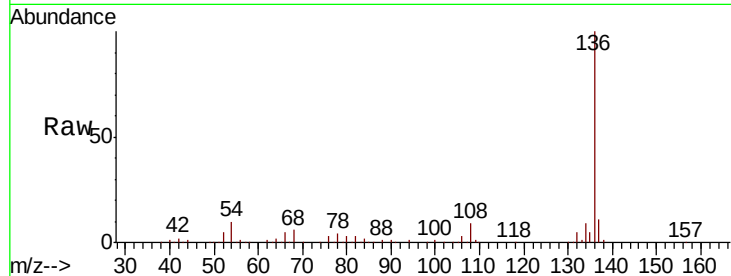
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



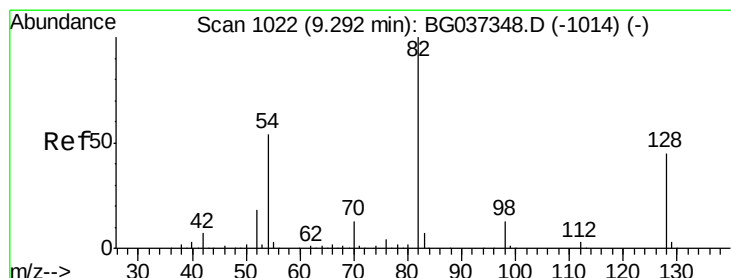
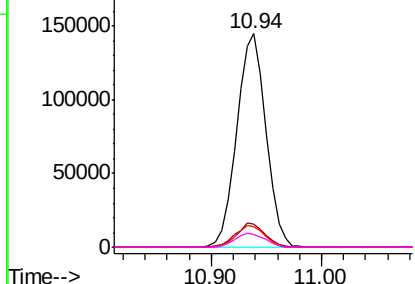
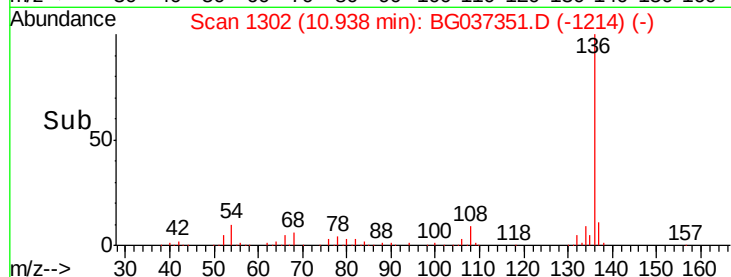


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tot Ion:136	Resp: 268213
Ion Ratio	Lower Upper
136 100	
137 10.8	9.6 14.4
54 9.6	7.9 11.9
68 6.1	4.8 7.2

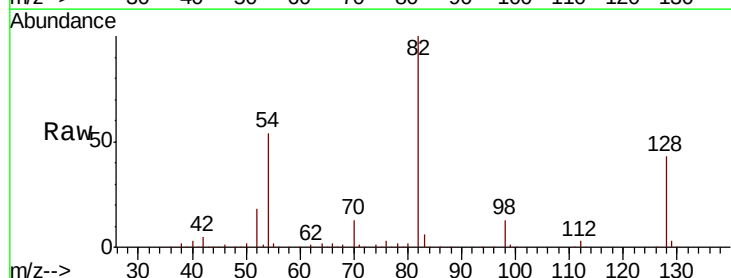


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

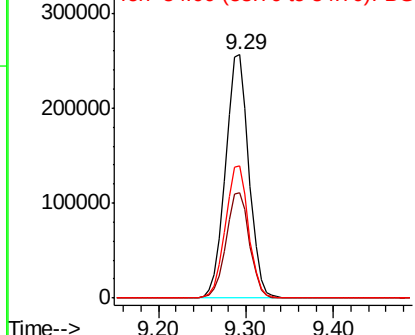
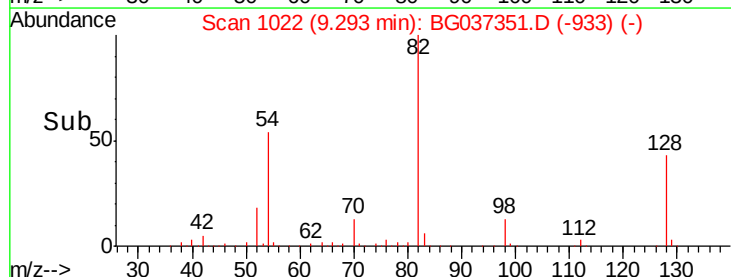


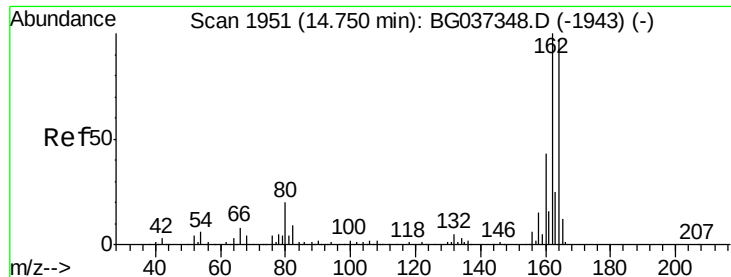
#23
Nitrobenzene-d5
Concen: 114.885 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tgt	Ion: 82	Resp:	468685
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.6	51.8
54	54.1	45.3	67.9



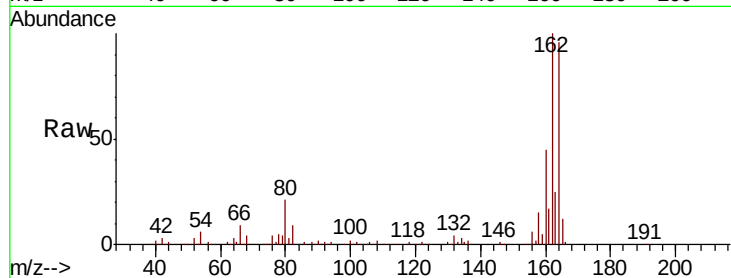
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



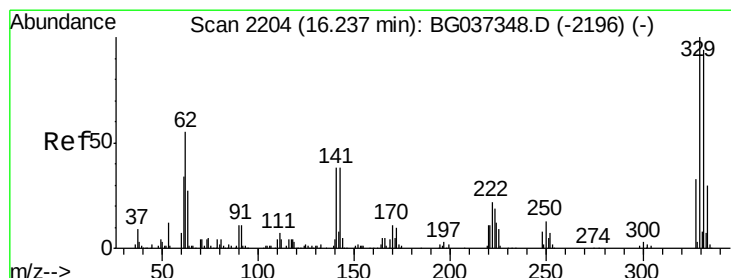
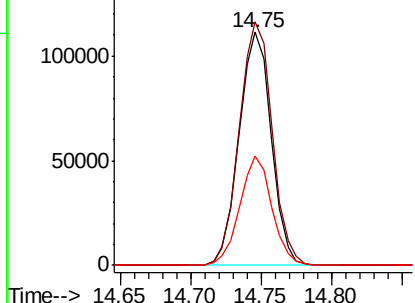
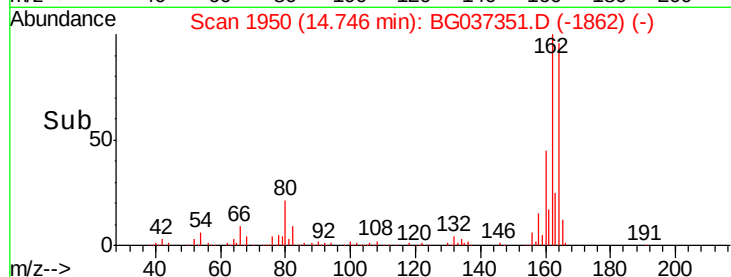


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tot Ion:164 Resp: 177918
Ion Ratio Lower Upper
164 100
162 104.5 81.3 121.9
160 46.7 36.3 54.5

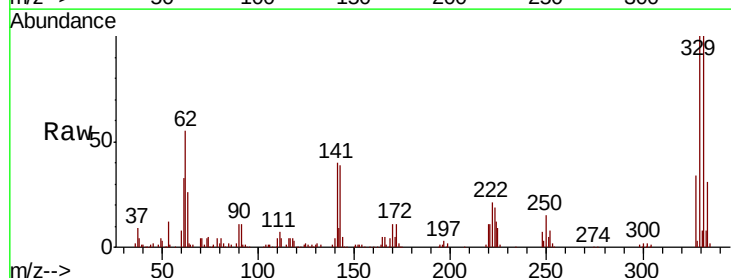


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

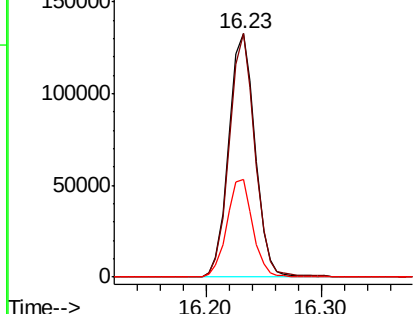
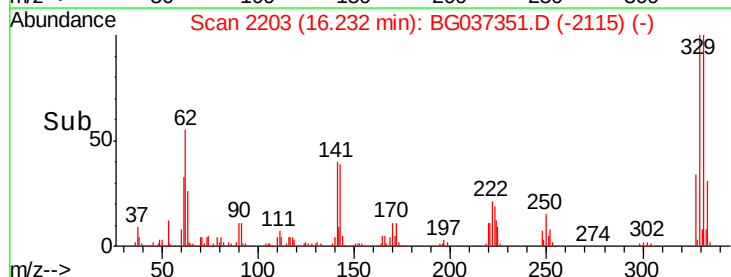


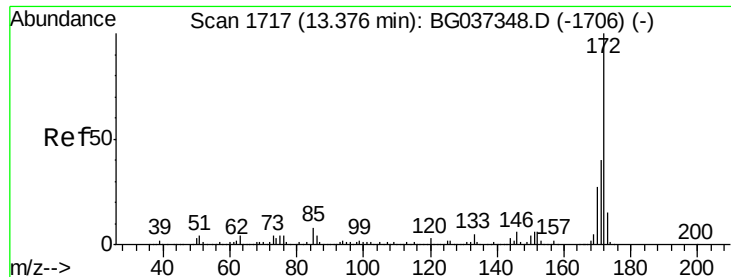
#42
2,4,6-Tribromophenol
Concen: 120.344 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tgt Ion:330 Resp: 209985
Ion Ratio Lower Upper
330 100
332 97.3 78.4 117.6
141 39.5 32.2 48.2



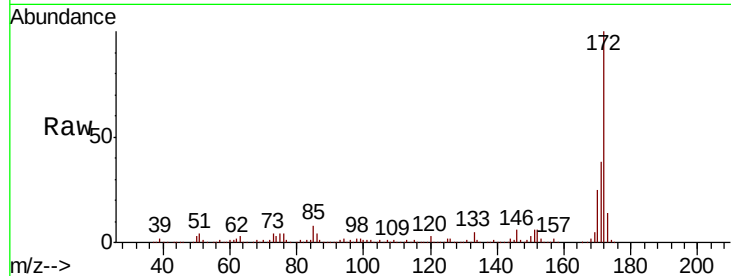
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



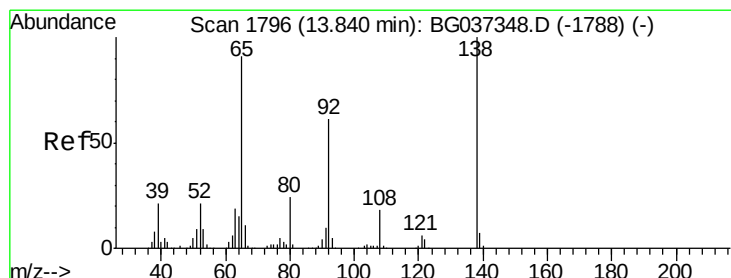
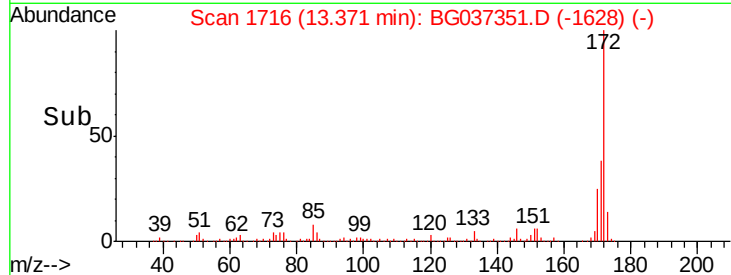
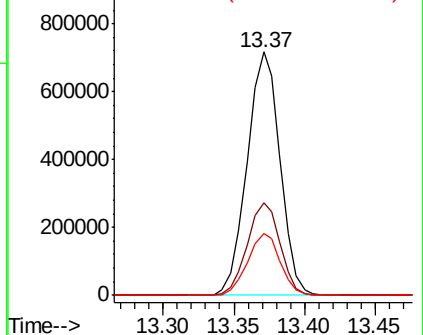


#45
2-Fluorobiphenyl
Concen: 98.820 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tot Ion:172 Resp: 1170746
Ion Ratio Lower Upper
172 100
171 38.1 31.0 46.4
170 25.3 20.2 30.2

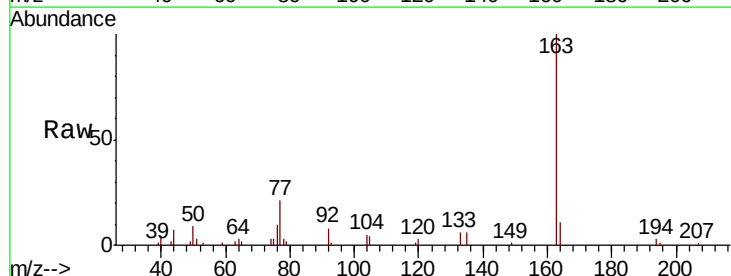


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

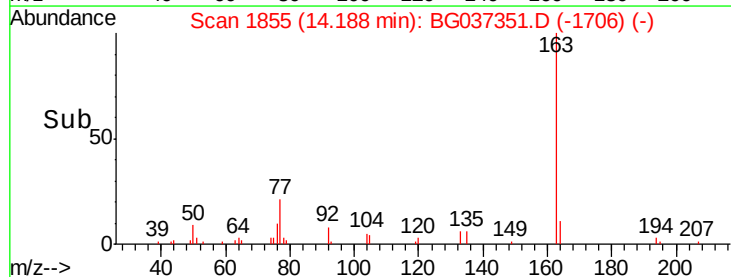
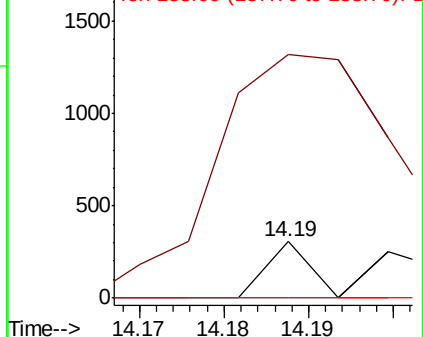


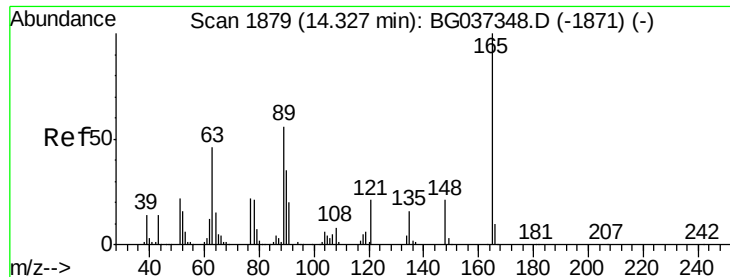
#48
2-Nitroaniline
Concen: 5.787 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.35 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tgt Ion: 65 Resp: 108
Ion Ratio Lower Upper
65 100
92 432.1 53.2 79.8#
138 0.0 79.3 118.9#



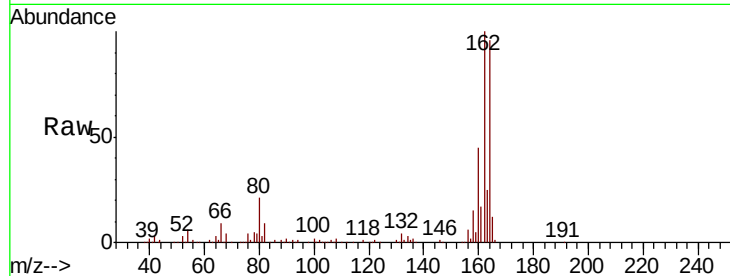
Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E



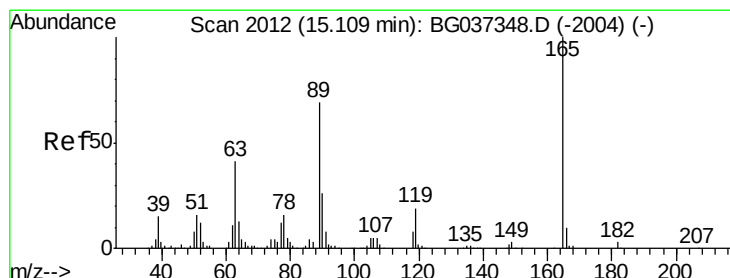
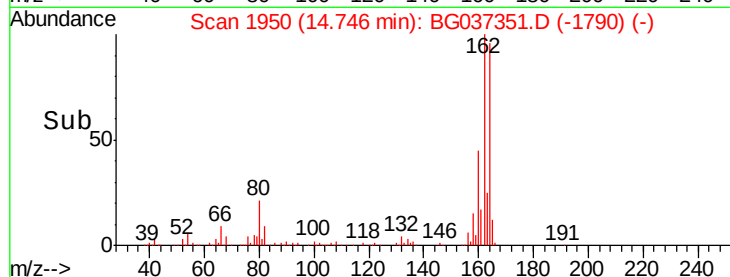
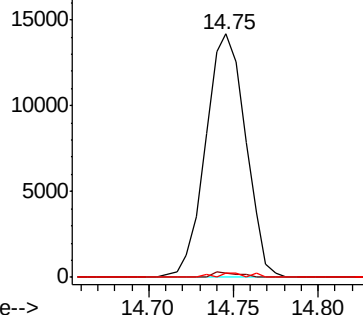


#51
 2,6-Dinitrotoluene
 Concen: 12.541 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037351.D
 Acq: 16 Oct 2018 3:42

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	43.4	65.2#
89	1.7	45.8	68.6#

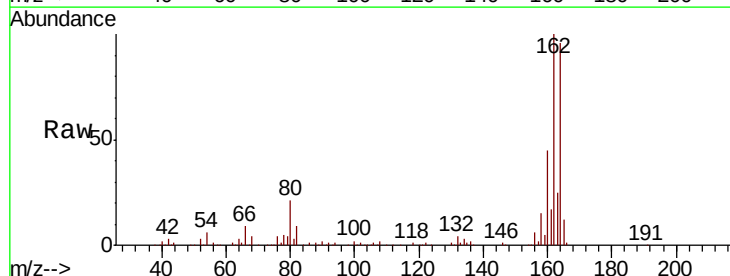


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

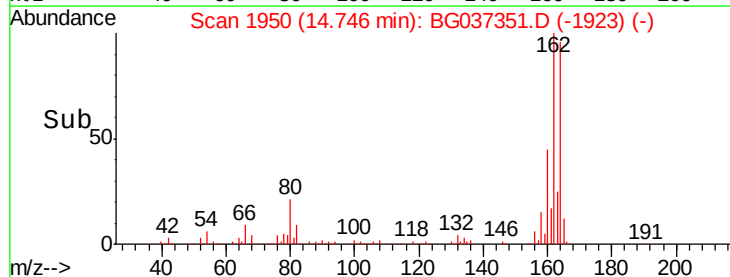
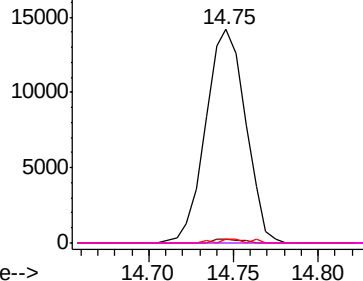


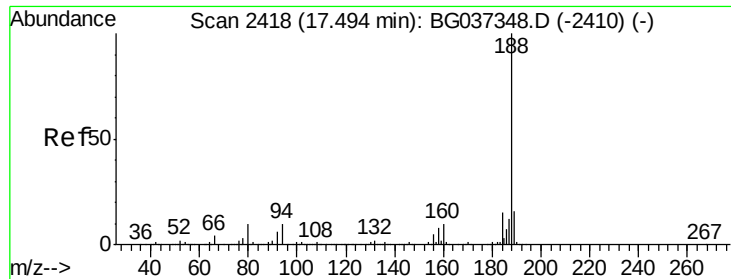
#57
 2,4-Dinitrotoluene
 Concen: 11.367 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037351.D
 Acq: 16 Oct 2018 3:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.4	50.0#
89	1.7	57.2	85.8#
182	0.0	2.6	4.0#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037351.D

Acq: 16 Oct 2018 3:42

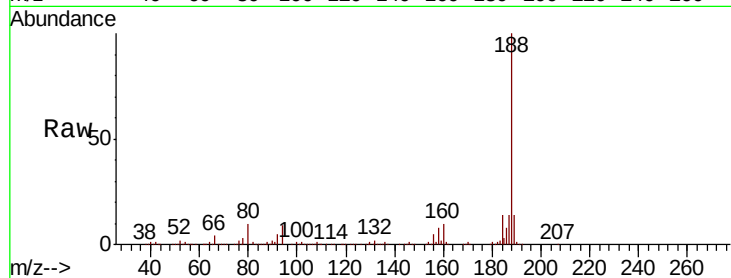
Tot Ion:188 Resp: 458073

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

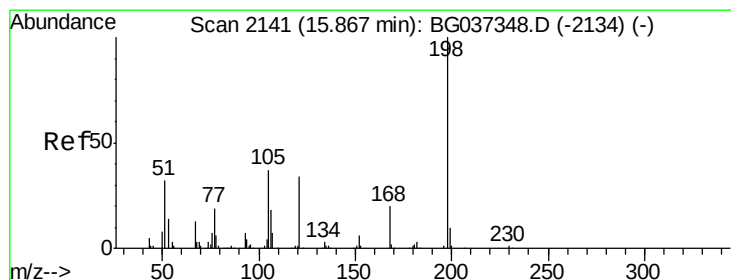
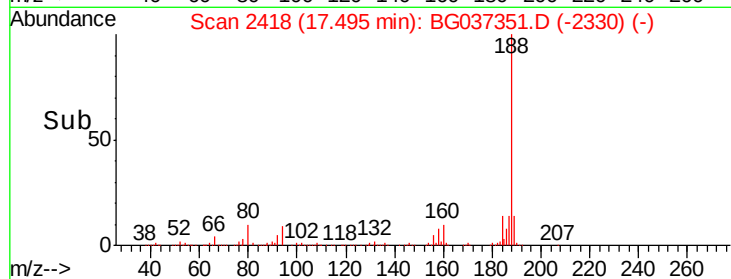
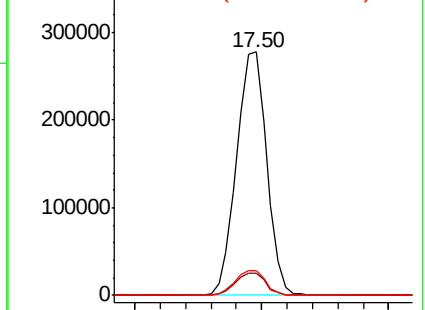
80 10.1 7.7 11.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.348 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.35 min

Lab File: BG037351.D

Acq: 16 Oct 2018 3:42

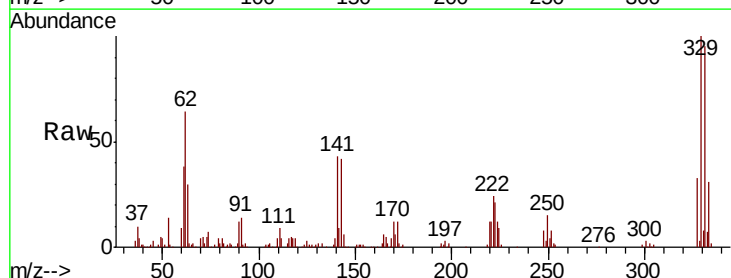
Tgt Ion:198 Resp: 658

Ion Ratio Lower Upper

198 100

51 28.9 22.7 62.7

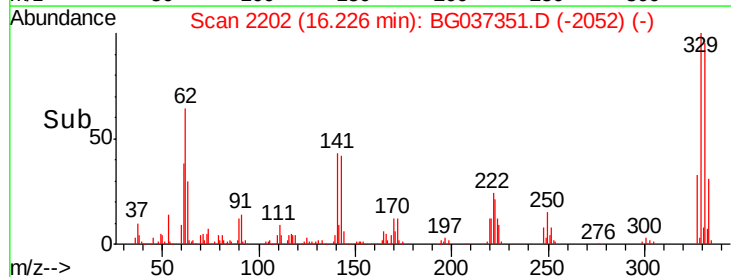
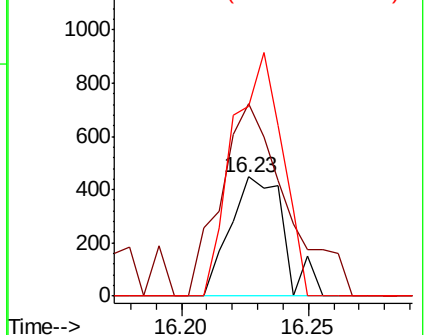
105 28.7 19.7 59.7

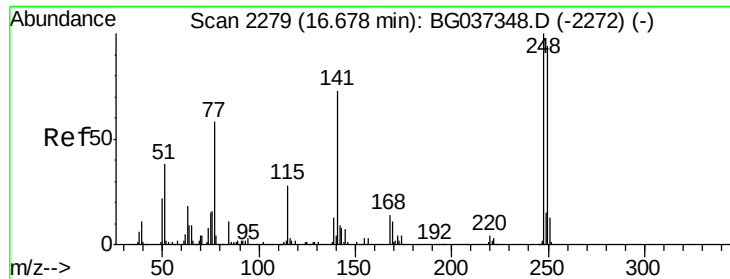


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

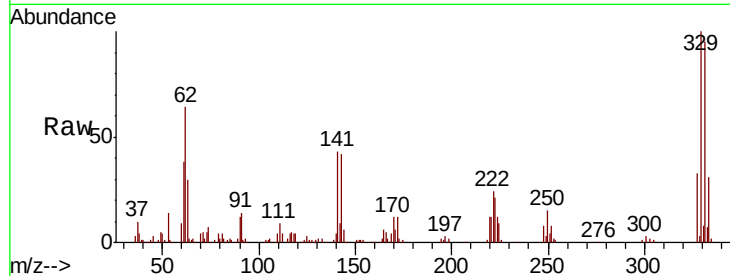
Ion 105.00 (104.70 to 105.70): E



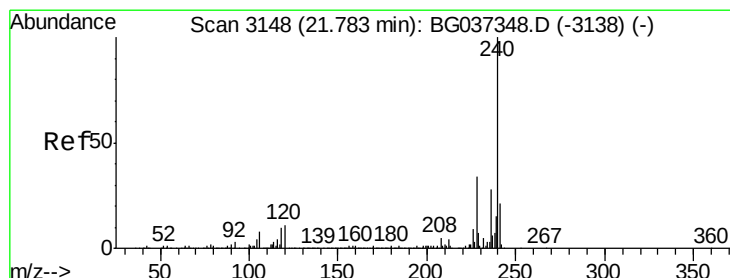
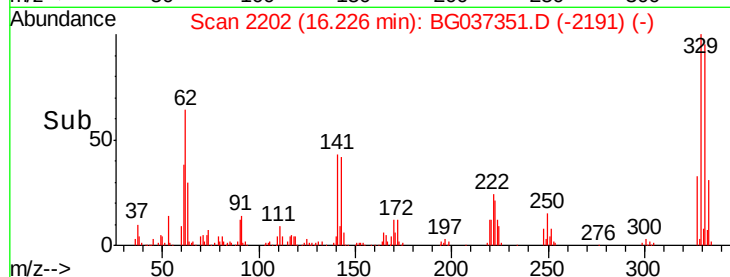
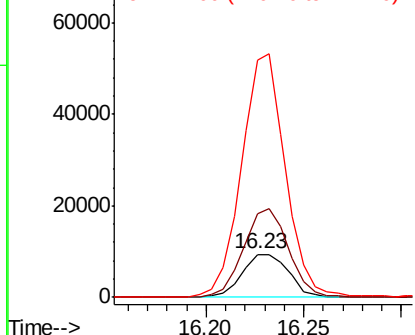


#67
4-Bromophenyl-phenylether
Concen: 3.118 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.46 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tot Ion:248 Resp: 15415
Ion Ratio Lower Upper
248 100
250 188.5 77.0 115.6#
141 412.8 55.5 83.3#

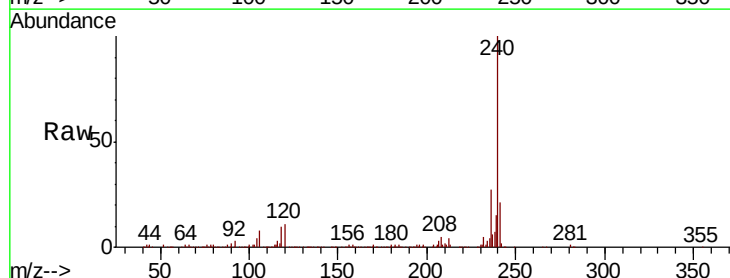


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

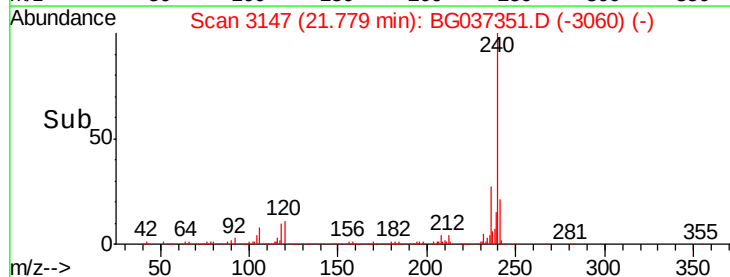
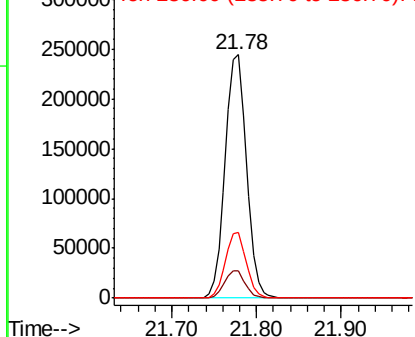


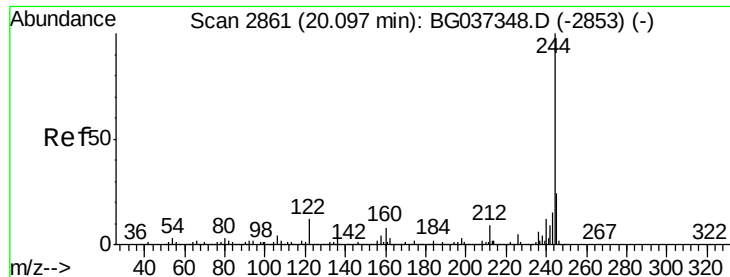
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037351.D
Acq: 16 Oct 2018 3:42

Tgt Ion:240 Resp: 426783
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 26.8 21.4 32.0



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





#79

Terphenyl-d14

Concen: 83.912 ng

RT: 20.09 min Scan# 2860

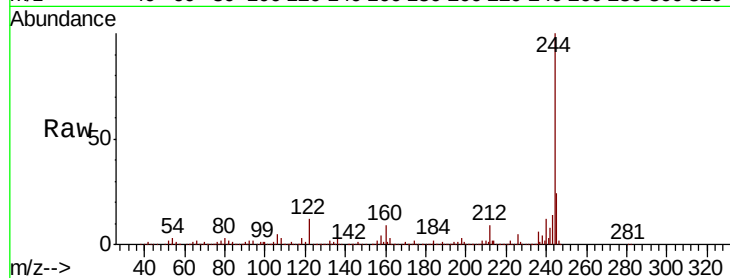
Delta R.T. -0.01 min

Lab File: BG037351.D

Acq: 16 Oct 2018 3:42

Tot Ion:244 Resp: 1705540

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.5	9.7
122	12.4	9.0	13.4

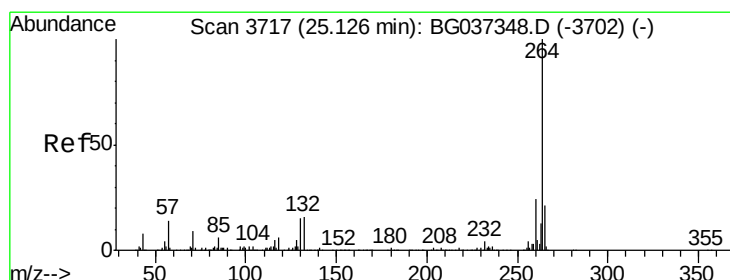
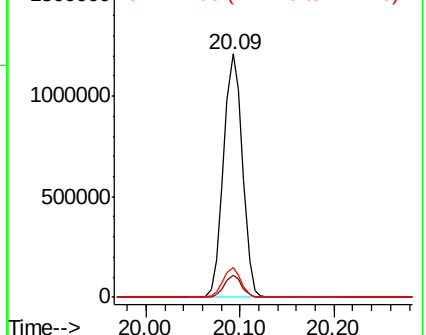
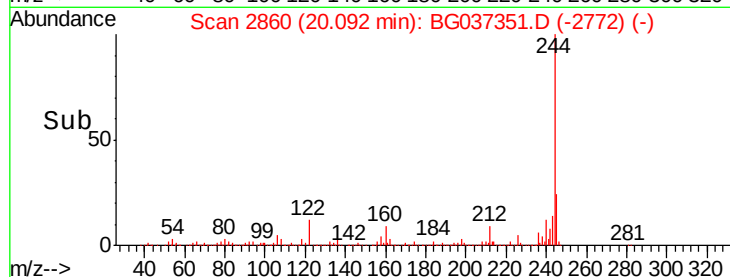


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3716

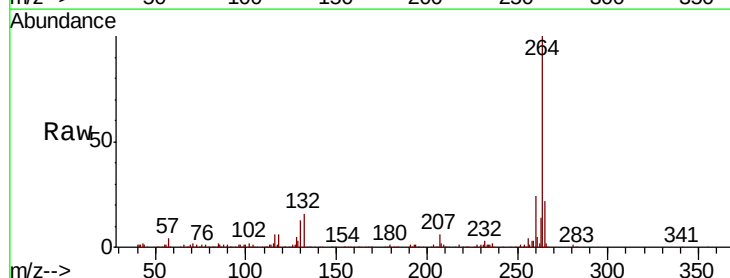
Delta R.T. -0.02 min

Lab File: BG037351.D

Acq: 16 Oct 2018 3:42

Tgt Ion:264 Resp: 426750

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.2	17.9	26.9



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

