

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037350.D
 Acq On : 16 Oct 2018 3:03
 Operator : JU/SJ
 Sample : J5511-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

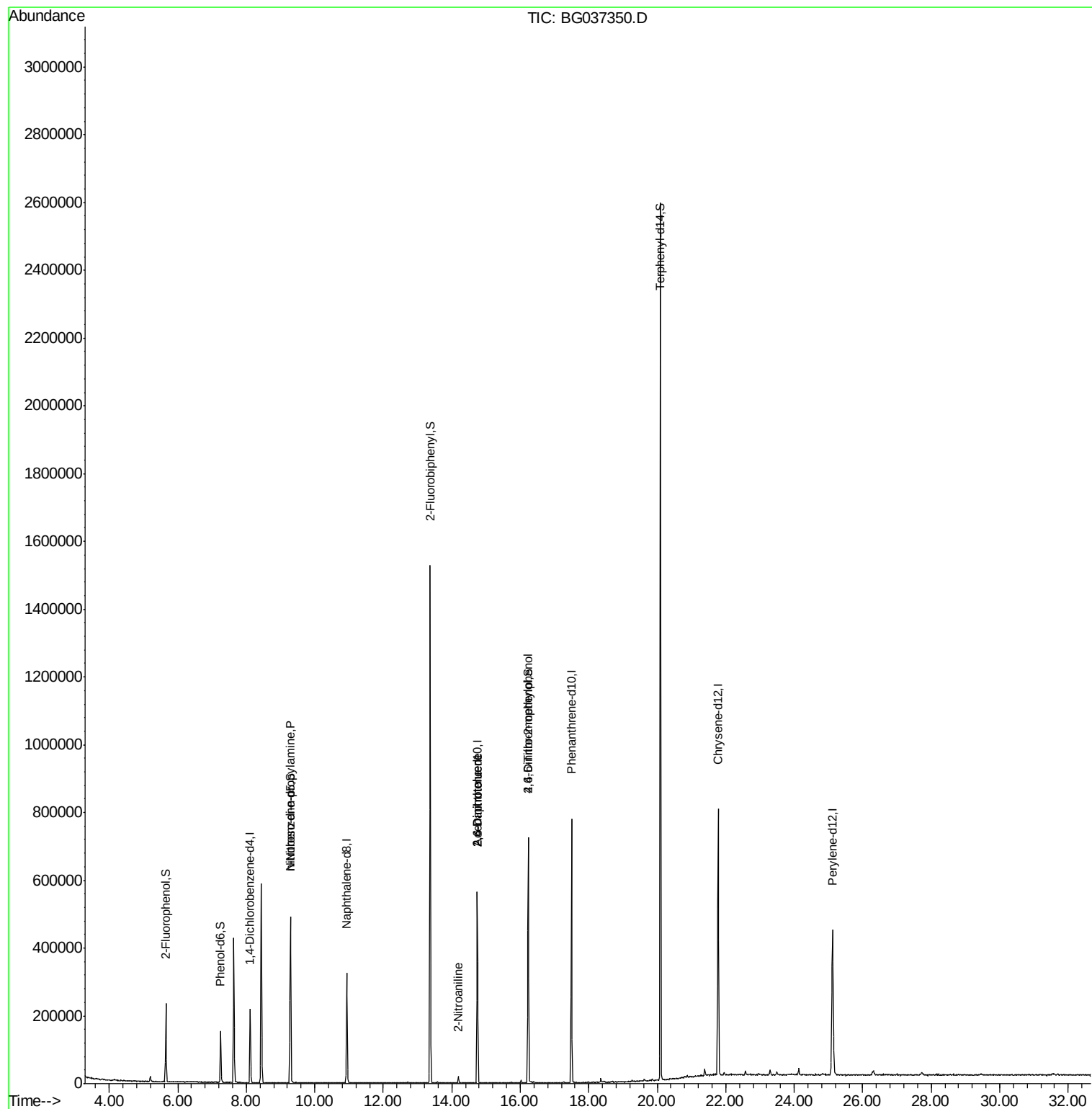
Quant Time: Oct 16 04:19:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

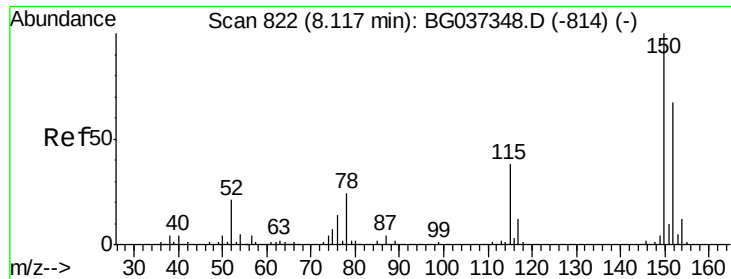
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	64977	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	288462	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	194519	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	499392	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	462308	20.00	ng	-0.02
87) Perylene-d12	25.11	264	462840	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	107822	29.20	ng	0.00
7) Phenol-d6	7.25	99	94943	16.94	ng	0.00
23) Nitrobenzene-d5	9.29	82	309942	70.64	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	132659	69.54	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	803404	62.03	ng	-0.01
79) Terphenyl-d14	20.09	244	1241130	56.37	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	37940	8.942	ng	# 73
48) 2-Nitroaniline	14.19	65	73	5.775	ng	# 1
51) 2,6-Dinitrotoluene	14.74	165	25077	12.410	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	25077	11.264	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.22	198	500	6.226	ng	89

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

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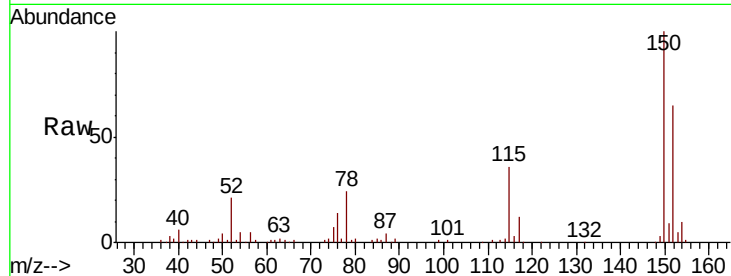
Quant Time: Oct 16 04:19:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 02:21:11 2018
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037350.D
 Acq: 16 Oct 2018 3:03

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.0	189.0
115	55.0	45.5	68.3

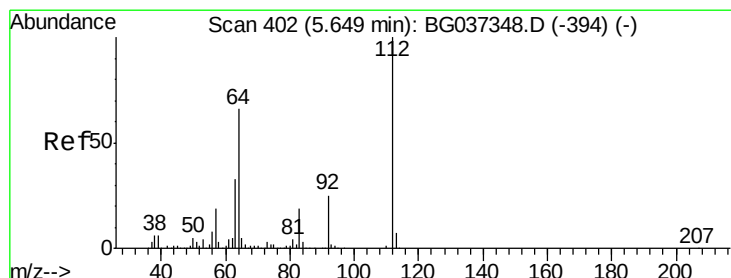
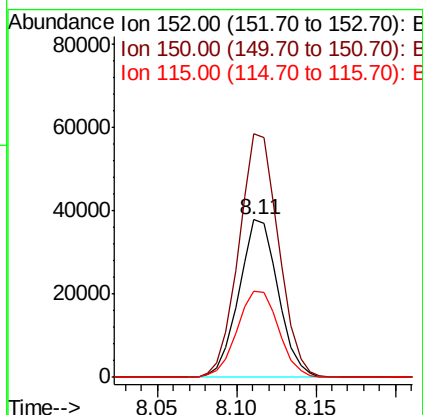
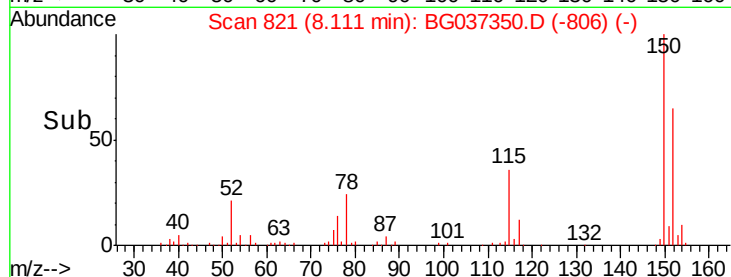


Abundance

Ion 152.00 (151.70 to 152.70): E

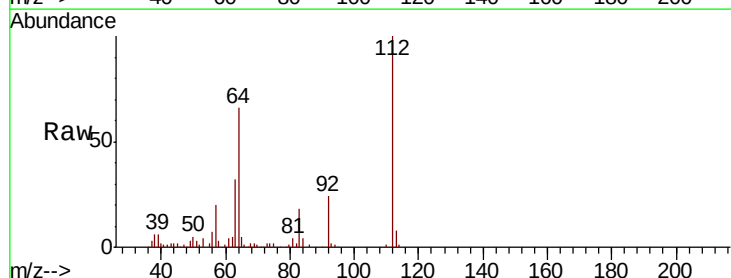
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 29.204 ng
 RT: 5.65 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BG037350.D
 Acq: 16 Oct 2018 3:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	53.1	79.7
63	32.4	27.3	40.9

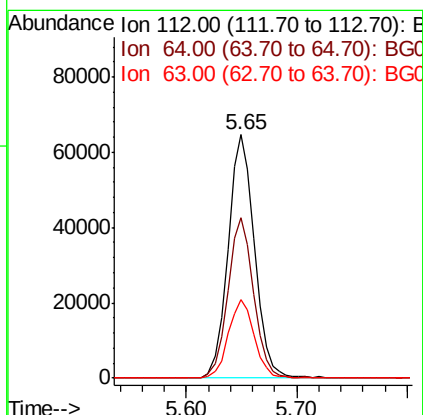
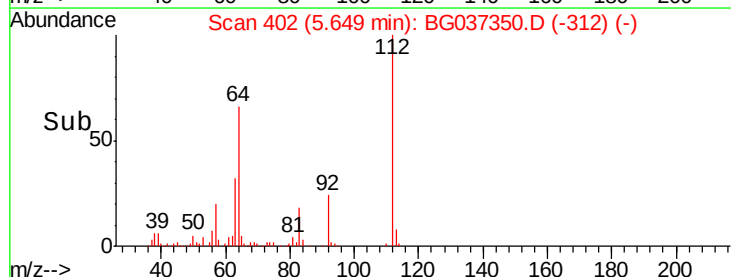


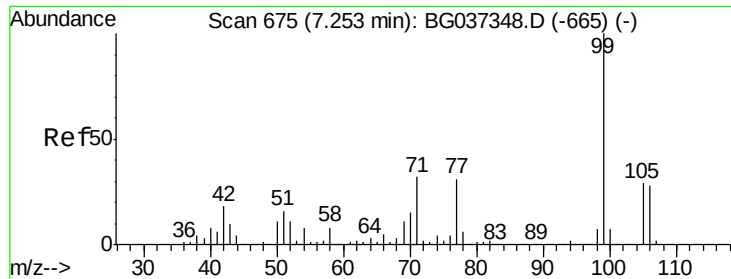
Abundance

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: 16.942 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037350.D

Acq: 16 Oct 2018 3:03

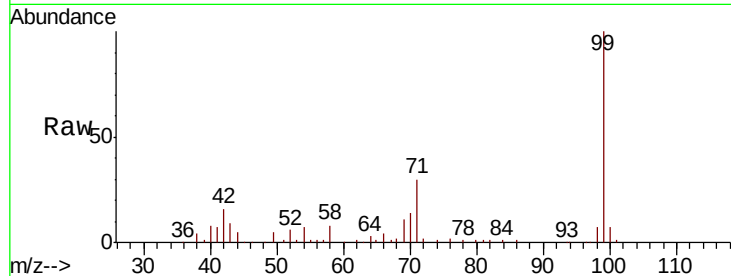
Tot Ion: 99 Resp: 94943

Ion Ratio Lower Upper

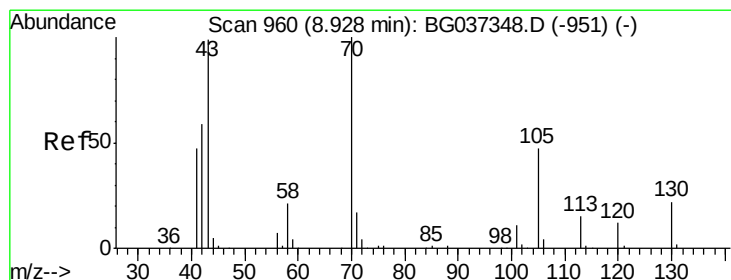
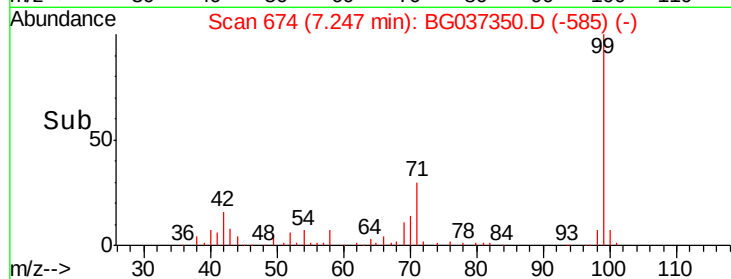
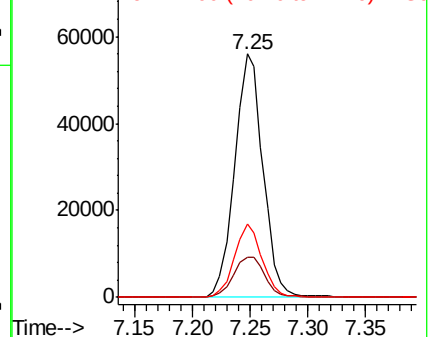
99 100

42 16.4 15.0 22.4

71 30.0 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: 8.942 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.36 min

Lab File: BG037350.D

Acq: 16 Oct 2018 3:03

Tgt Ion: 70 Resp: 37940

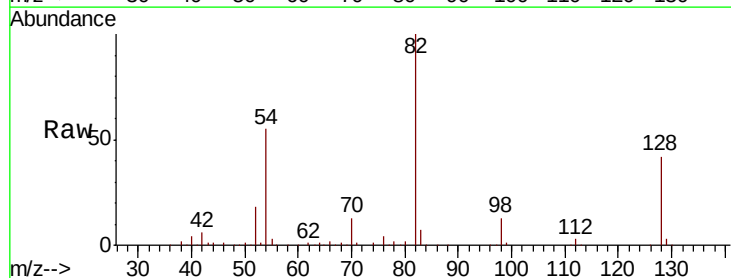
Ion Ratio Lower Upper

70 100

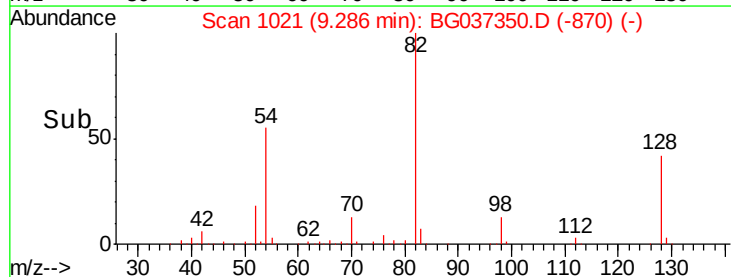
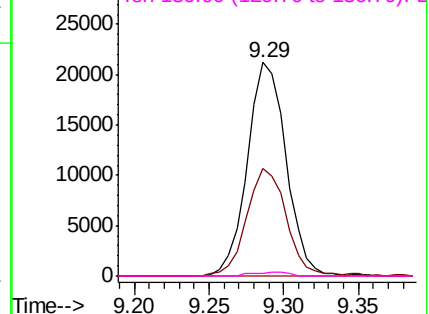
42 50.3 53.9 80.9#

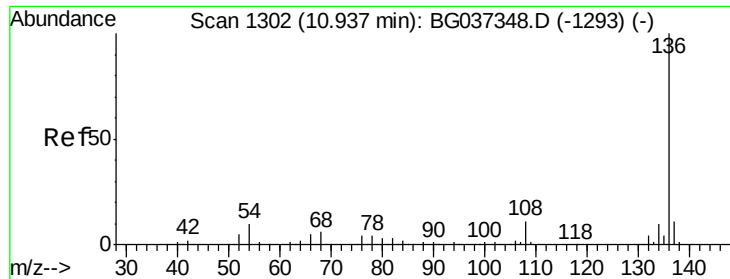
101 0.0 8.2 12.2#

130 1.5 18.2 27.4#



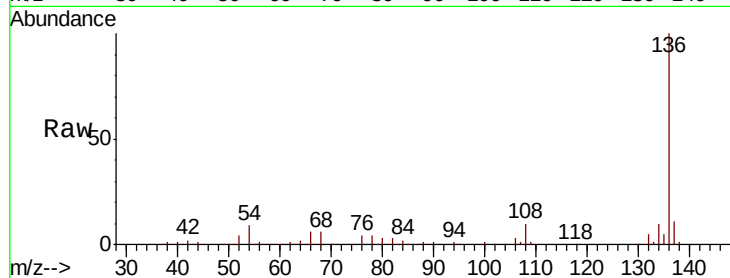
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037350.D
Acq: 16 Oct 2018 3:03

Tot Ion:136	Resp:	288462
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.6	14.4
54 9.2	7.9	11.9
68 6.4	4.8	7.2



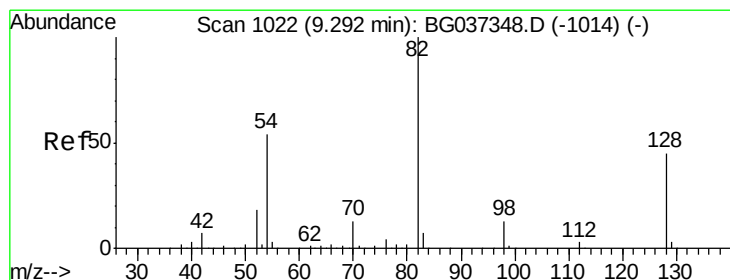
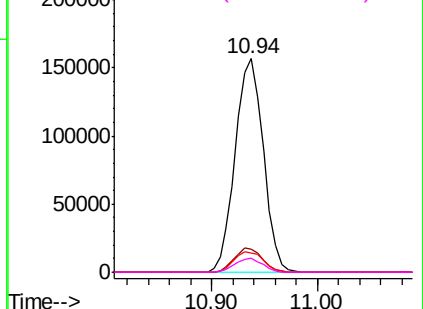
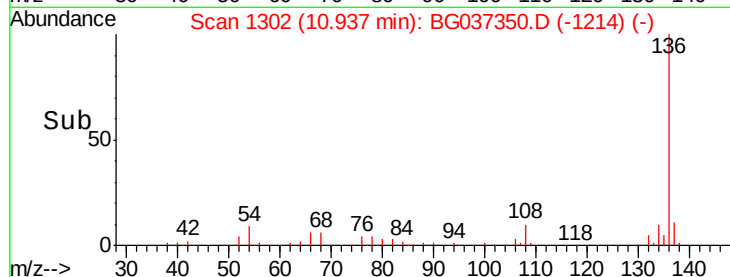
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

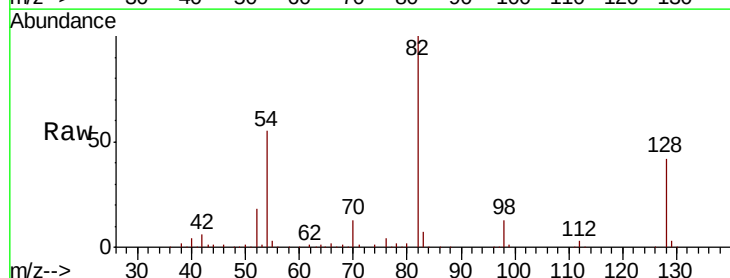
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 70.640 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037350.D
Acq: 16 Oct 2018 3:03

Tgt	Ion: 82	Resp:	309942
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	51.8
54	54.6	45.3	67.9

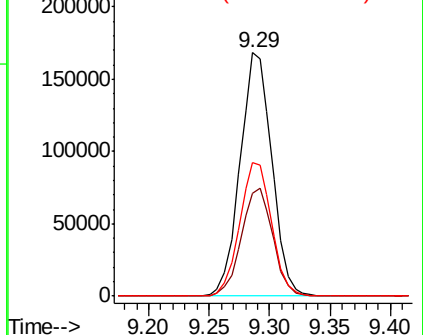
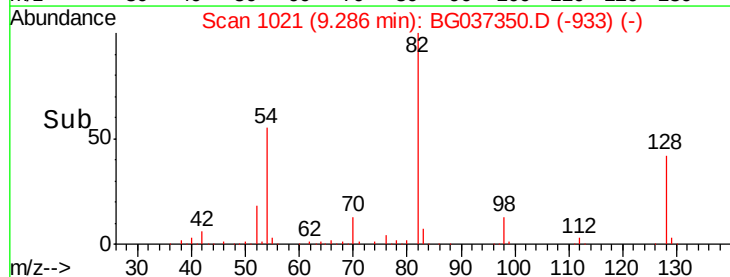


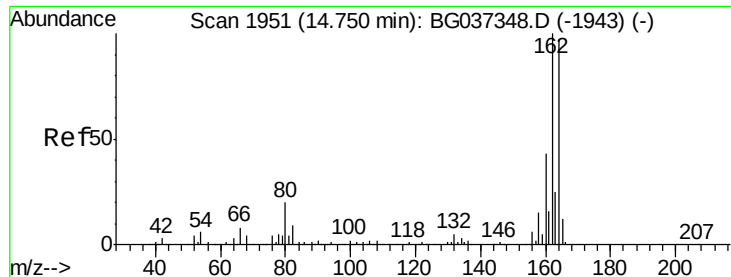
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

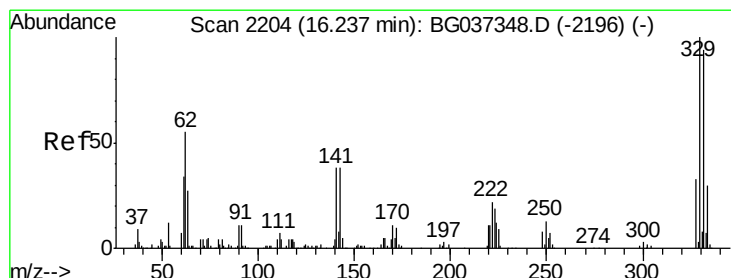
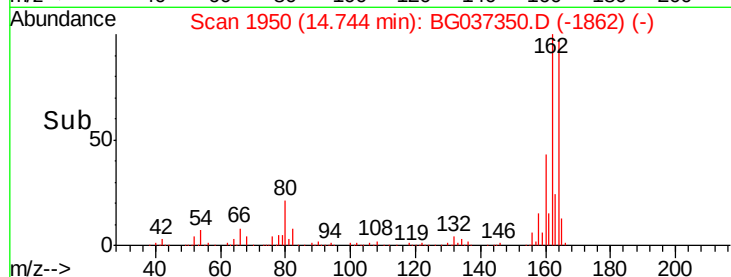
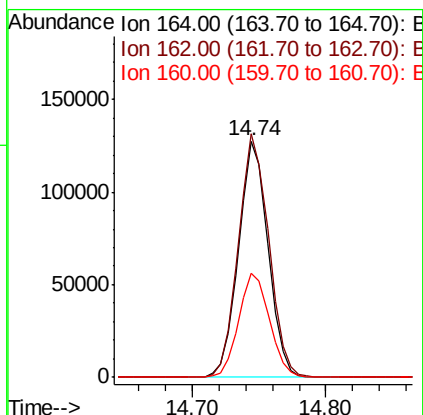
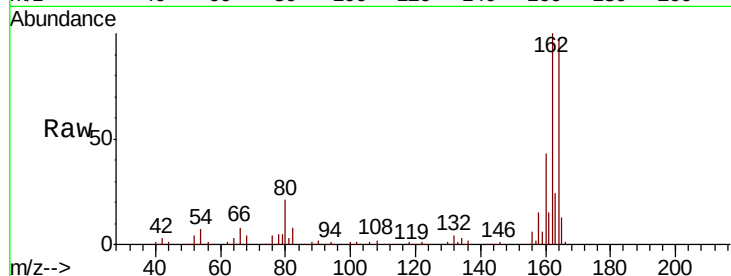
Ion 54.00 (53.70 to 54.70): BGC





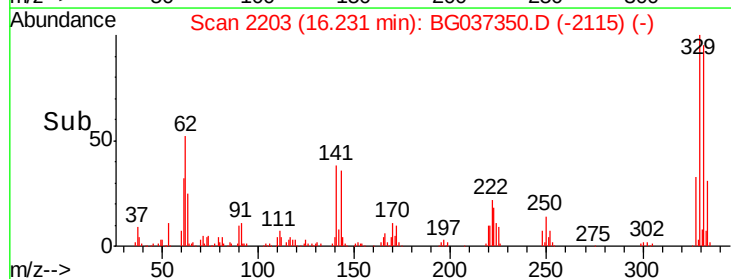
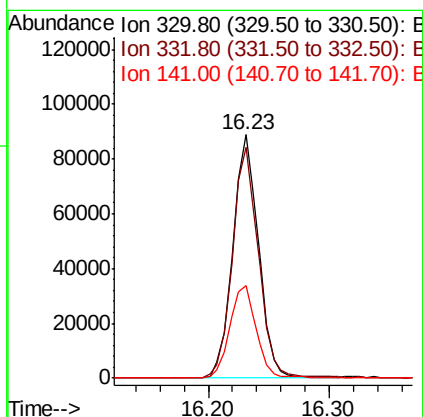
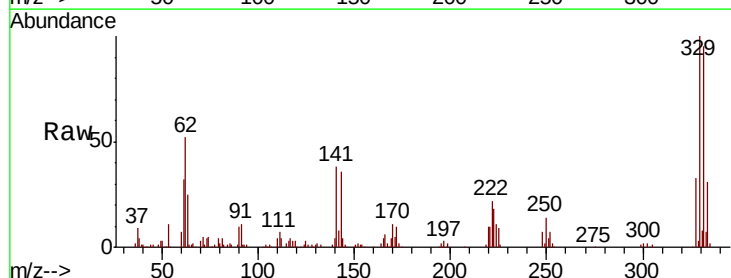
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037350.D
Acq: 16 Oct 2018 3:03

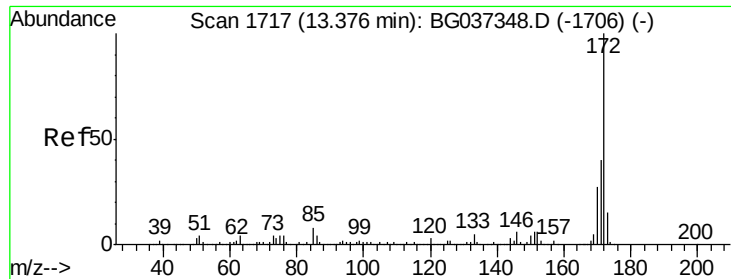
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	43.8	36.3	54.5



#42
2,4,6-Tribromophenol
Concen: 69.539 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037350.D
Acq: 16 Oct 2018 3:03

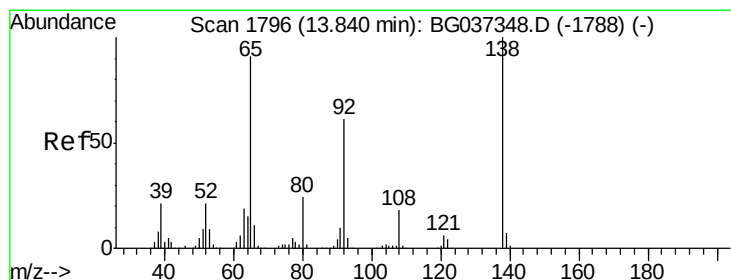
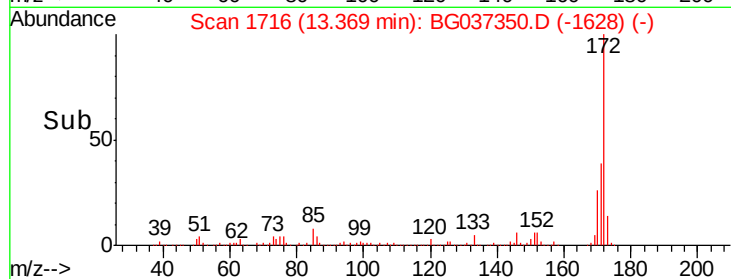
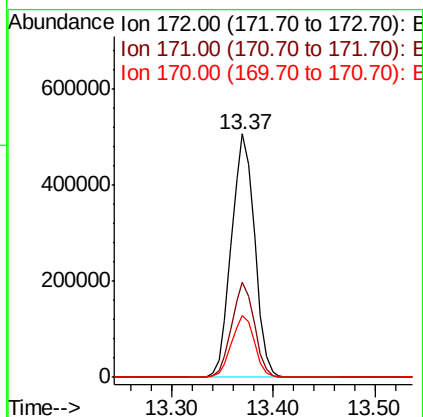
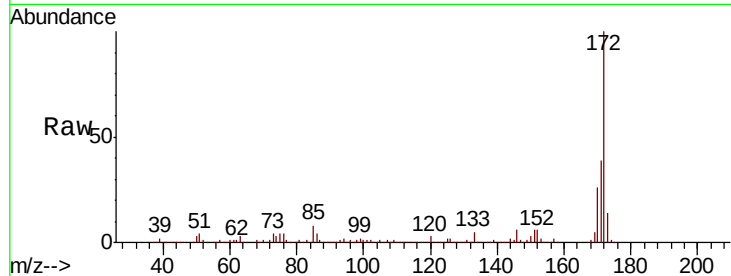
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.4	117.6
141	39.0	32.2	48.2





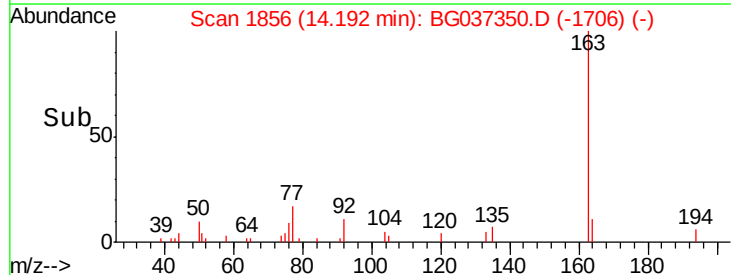
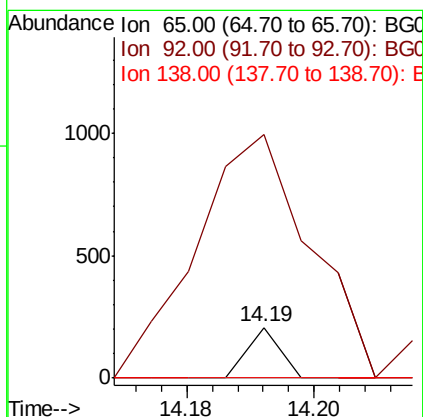
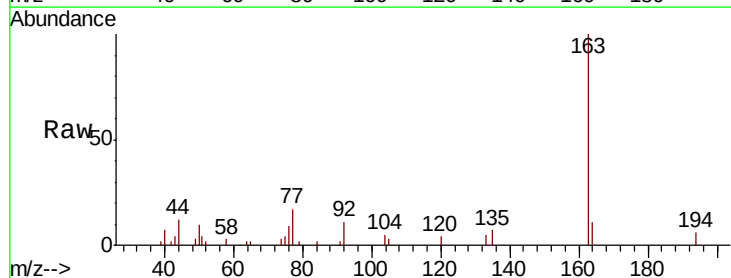
#45
2-Fluorobiphenyl
Concen: 62.026 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037350.D
Acq: 16 Oct 2018 3:03

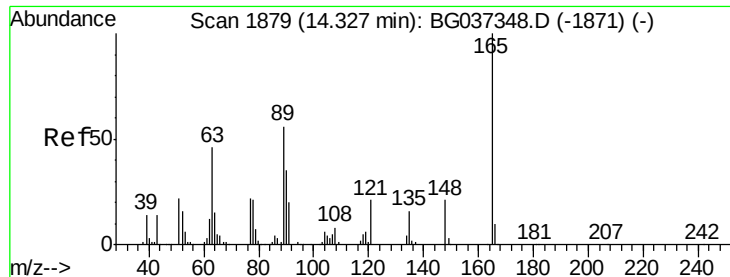
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.6	20.2	30.2



#48
2-Nitroaniline
Concen: 5.775 ng
RT: 14.19 min Scan# 1856
Delta R.T. 0.35 min
Lab File: BG037350.D
Acq: 16 Oct 2018 3:03

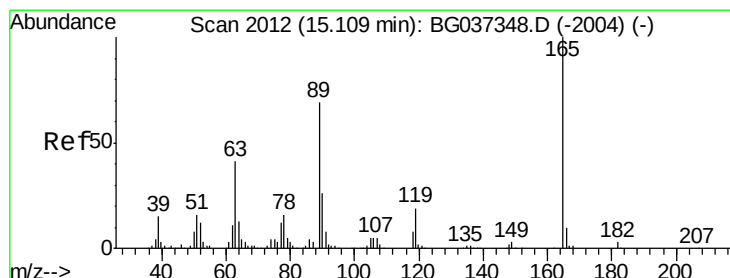
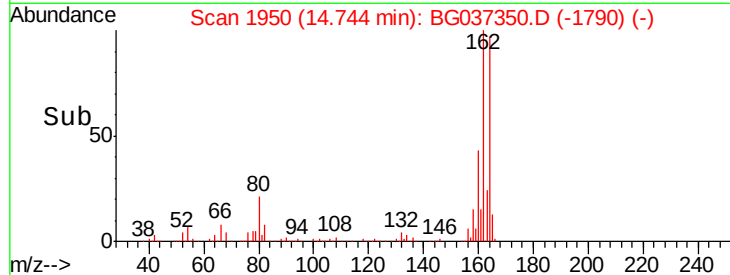
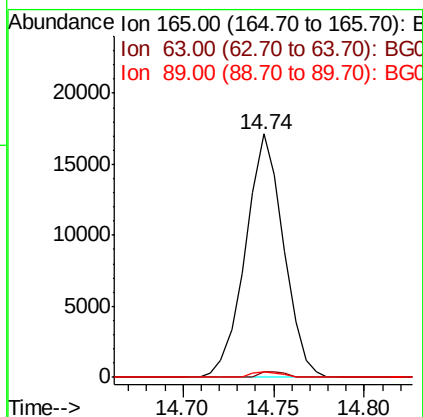
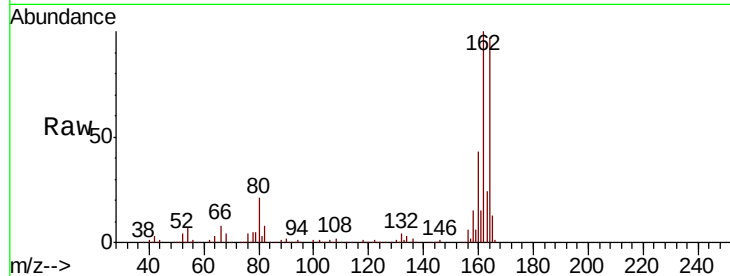
Tgt Ion	Ratio	Lower	Upper
65	100		
92	480.2	53.2	79.8#
138	0.0	79.3	118.9#





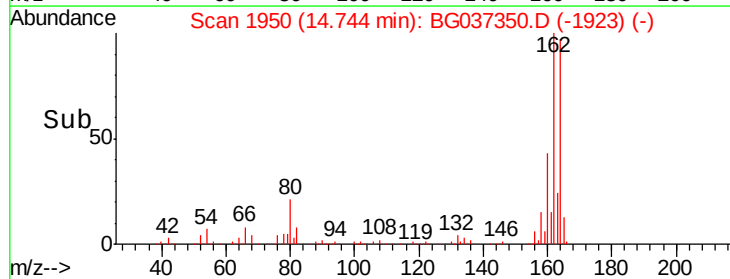
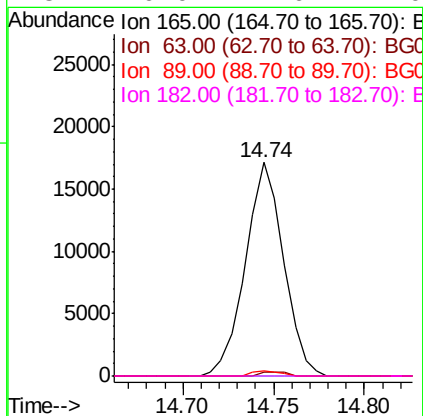
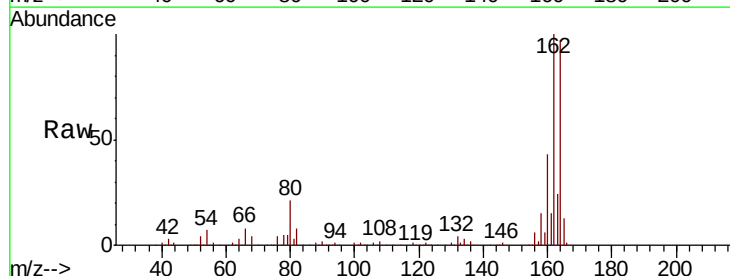
#51
 2,6-Dinitrotoluene
 Concen: 12.410 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037350.D
 Acq: 16 Oct 2018 3:03

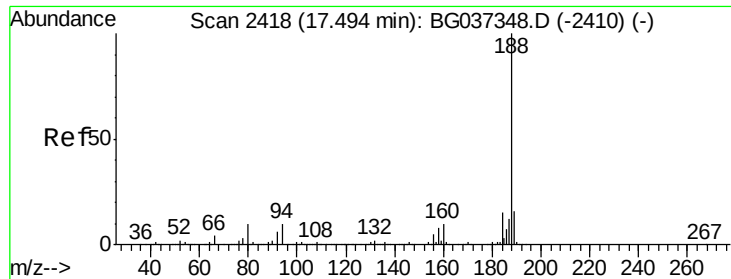
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	43.4	65.2#
89	2.2	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.264 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037350.D
 Acq: 16 Oct 2018 3:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG037350.D

Acq: 16 Oct 2018 3:03

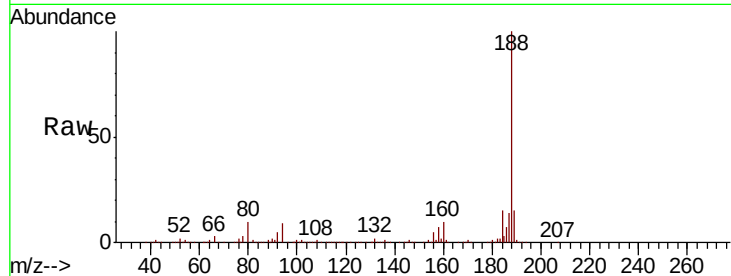
Tot Ion:188 Resp: 499392

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

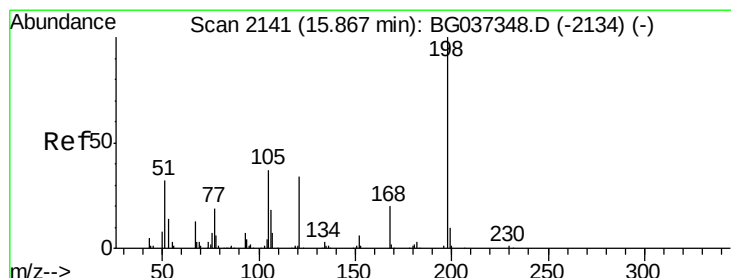
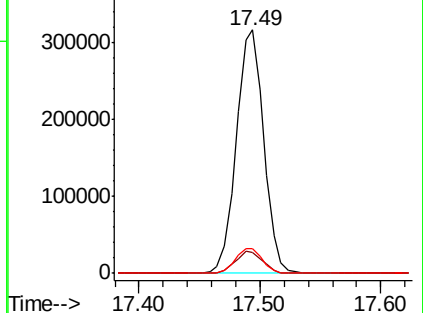
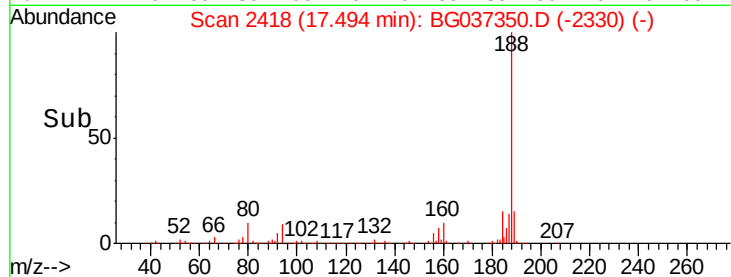
80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#65

4,6-Dinitro-2-methylphenol

Concen: 6.226 ng

RT: 16.22 min Scan# 2202

Delta R.T. 0.35 min

Lab File: BG037350.D

Acq: 16 Oct 2018 3:03

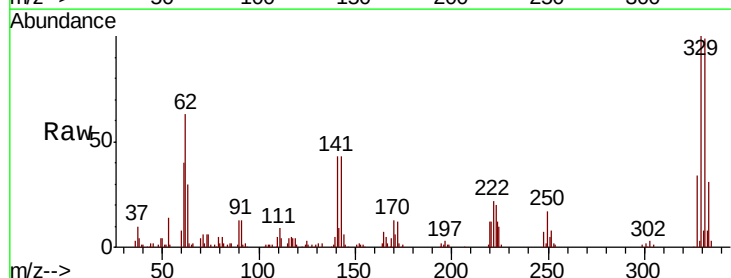
Tgt Ion:198 Resp: 500

Ion Ratio Lower Upper

198 100

51 35.6 22.7 62.7

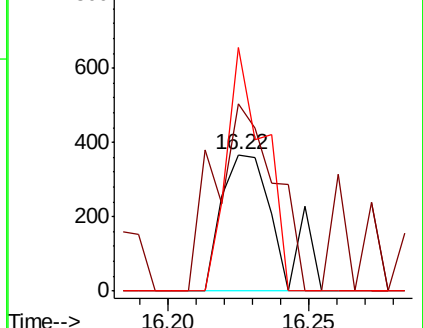
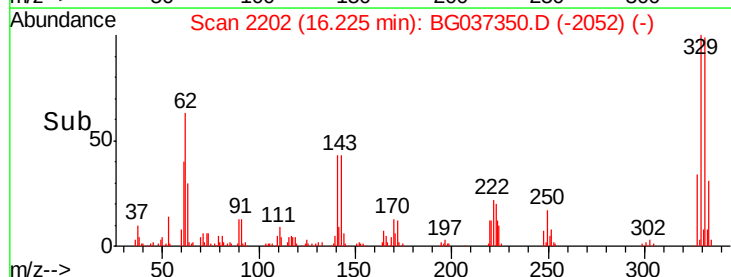
105 46.4 19.7 59.7

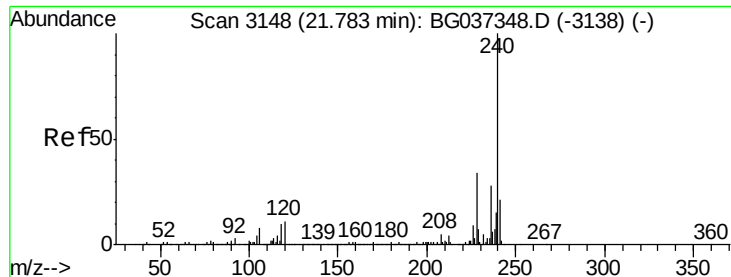


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

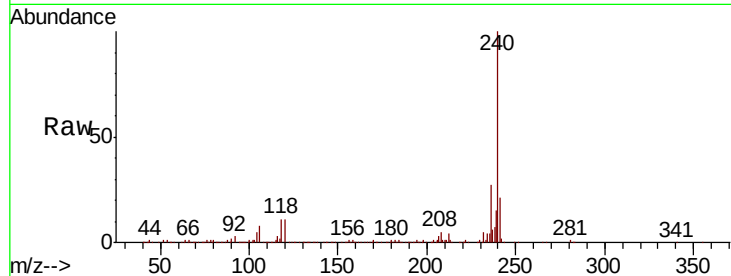
Ion 105.00 (104.70 to 105.70): E



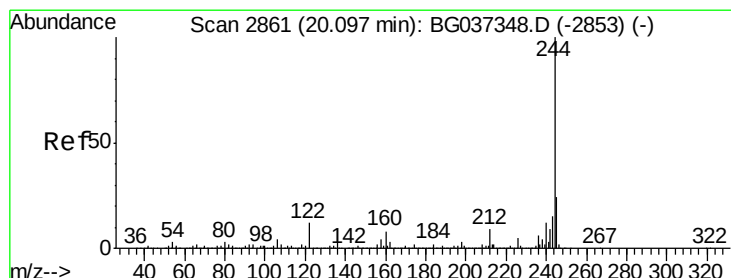
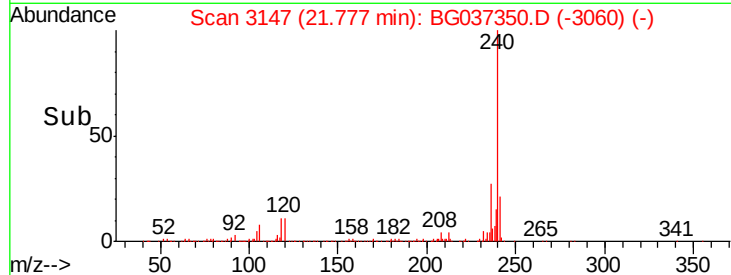
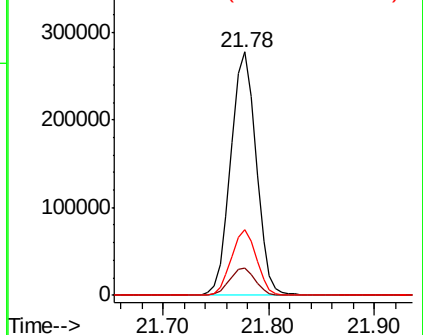


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037350.D
Acq: 16 Oct 2018 3:03

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	26.8	21.4	32.0

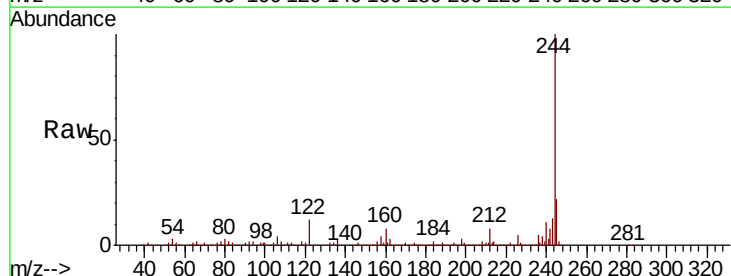


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

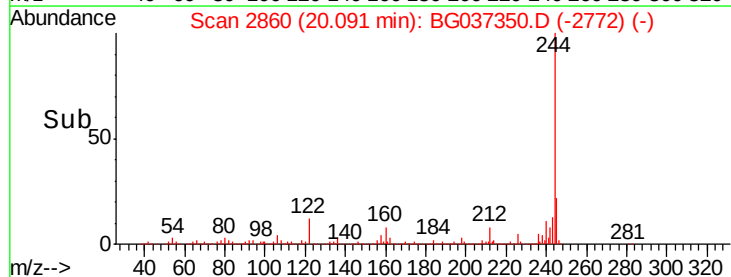
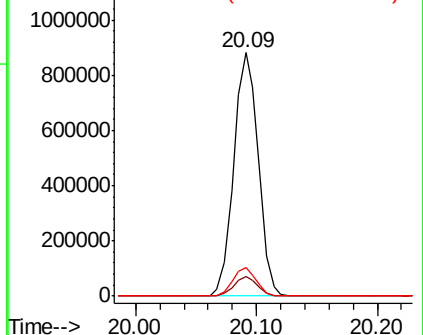


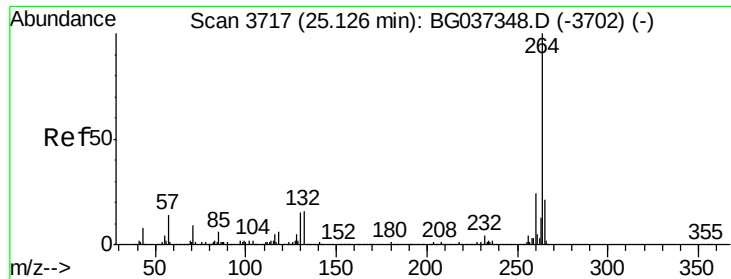
#79
Terphenyl-d14
Concen: 56.371 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037350.D
Acq: 16 Oct 2018 3:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.5	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
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037350.D
Acq: 16 Oct 2018 3:03

Tot Ion:	264	Resp:	462840
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	22.1	17.9	26.9

